

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085144.D
 Acq On : 09 Dec 2024 11:35
 Operator : JC\MD
 Sample : VN1209WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Quant Time: Dec 10 04:57:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	163291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106459	45.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.540%
35) Dibromofluoromethane	8.165	113	89046	50.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	10.565	98	305121	48.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.847	95	110888	47.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26409	14.303	ug/l	94
3) Chloromethane	2.359	50	27604	12.890	ug/l	91
4) Vinyl Chloride	2.512	62	30286	15.737	ug/l	100
5) Bromomethane	2.954	94	21229	19.680	ug/l	95
6) Chloroethane	3.118	64	21103	16.268	ug/l	95
7) Trichlorofluoromethane	3.495	101	56705	17.321	ug/l	96
8) Diethyl Ether	3.959	74	18392	16.506	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	32533	17.521	ug/l	99
10) Methyl Iodide	4.589	142	35117	14.288	ug/l	96
11) Tert butyl alcohol	5.518	59	30573	98.362	ug/l #	94
12) 1,1-Dichloroethene	4.336	96	29194	16.844	ug/l	96
13) Acrolein	4.183	56	17012	82.024	ug/l	95
14) Allyl chloride	5.024	41	42953	14.701	ug/l	96
15) Acrylonitrile	5.718	53	83368	94.738	ug/l	99
16) Acetone	4.430	43	74219	109.563	ug/l	97
17) Carbon Disulfide	4.712	76	80210	15.679	ug/l	99
18) Methyl Acetate	5.024	43	41204	18.303	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	97105	17.148	ug/l	98
20) Methylene Chloride	5.277	84	35121	16.990	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	31602	17.327	ug/l	95
22) Diisopropyl ether	6.671	45	103043	17.523	ug/l	99
23) Vinyl Acetate	6.606	43	351180	86.565	ug/l	98
24) 1,1-Dichloroethane	6.565	63	61913	17.594	ug/l	99
25) 2-Butanone	7.483	43	108793	98.232	ug/l	98
26) 2,2-Dichloropropane	7.489	77	57271	17.429	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	37413	17.016	ug/l	100
28) Bromochloromethane	7.812	49	24208	18.224	ug/l	91
29) Tetrahydrofuran	7.841	42	66904	97.142	ug/l	94
30) Chloroform	7.965	83	65806	17.580	ug/l	98
31) Cyclohexane	8.259	56	51467	16.611	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	61775	18.262	ug/l	96
36) 1,1-Dichloropropene	8.371	75	42851	18.075	ug/l	97
37) Ethyl Acetate	7.565	43	42554	19.744	ug/l	98
38) Carbon Tetrachloride	8.365	117	54048	19.750	ug/l	94
39) Methylcyclohexane	9.600	83	42735	17.347	ug/l	97
40) Benzene	8.606	78	139262	18.573	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	22251	18.646	ug/l	95
42) 1,2-Dichloroethane	8.671	62	48342	18.845	ug/l	100
43) Isopropyl Acetate	8.688	43	72727	16.245	ug/l	98
44) Trichloroethene	9.353	130	33126	19.010	ug/l	86
45) 1,2-Dichloropropane	9.618	63	34338	18.593	ug/l	96
46) Dibromomethane	9.712	93	25247	19.674	ug/l	99
47) Bromodichloromethane	9.888	83	51682	19.002	ug/l	99
48) Methyl methacrylate	9.677	41	33500	20.109	ug/l	97
49) 1,4-Dioxane	9.694	88	13321	461.086	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	228689	111.838	ug/l	99
52) Toluene	10.630	92	88892	20.025	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	49777	18.255	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55624	19.228	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34271	20.727	ug/l	98
56) Ethyl methacrylate	10.877	69	49811	20.617	ug/l	99
57) 1,3-Dichloropropane	11.159	76	54891	18.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	107728	90.899	ug/l	100
59) 2-Hexanone	11.194	43	169991	111.153	ug/l	99
60) Dibromochloromethane	11.359	129	40779	20.181	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33148	19.372	ug/l	98
64) Tetrachloroethene	11.106	164	31073	20.769	ug/l	93
65) Chlorobenzene	11.888	112	92261	18.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35345	19.936	ug/l	98
67) Ethyl Benzene	11.965	91	156939	19.210	ug/l	99
68) m/p-Xylenes	12.071	106	121108	38.938	ug/l	99
69) o-Xylene	12.400	106	57985	19.599	ug/l	99
70) Styrene	12.412	104	98206	19.960	ug/l	99
71) Bromoform	12.576	173	28031	21.300	ug/l #	99
73) Isopropylbenzene	12.694	105	147544	19.995	ug/l	100
74) N-amyl acetate	12.494	43	62083	20.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48508	19.251	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	34658m	18.216	ug/l	
77) Bromobenzene	12.982	156	38928	19.603	ug/l	99
78) n-propylbenzene	13.035	91	177101	20.808	ug/l	98
79) 2-Chlorotoluene	13.123	91	111085	19.552	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	125642	20.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17583	20.401	ug/l	93
82) 4-Chlorotoluene	13.218	91	112899	19.088	ug/l	99
83) tert-Butylbenzene	13.435	119	107573	20.191	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	126653	19.871	ug/l	99
85) sec-Butylbenzene	13.618	105	147809	20.537	ug/l	99
86) p-Isopropyltoluene	13.729	119	120791	20.331	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	68527	17.496	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69227	17.319	ug/l	98
89) n-Butylbenzene	14.053	91	96140	17.401	ug/l	98
90) Hexachloroethane	14.335	117	25206	19.464	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65350	17.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9910	20.338	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	32298	15.840	ug/l	100
94) Hexachlorobutadiene	15.500	225	16431	17.460	ug/l	96
95) Naphthalene	15.641	128	91989	15.840	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	31678	16.282	ug/l	97

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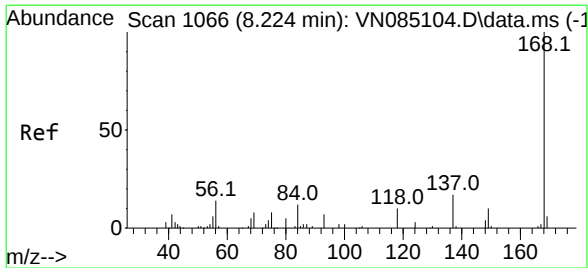
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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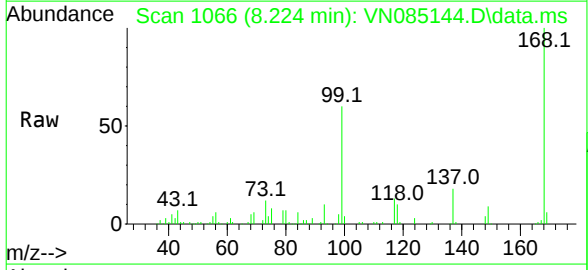
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085144.D
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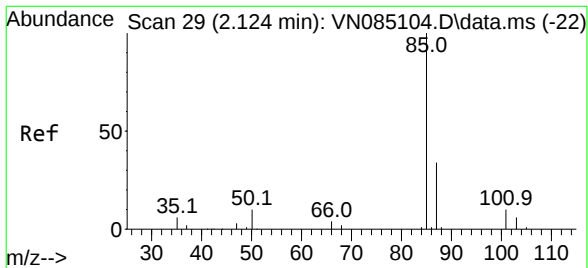
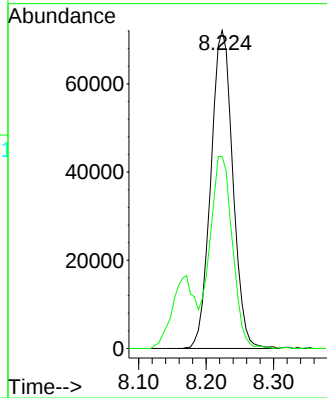
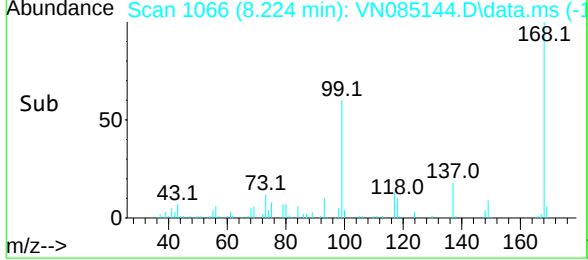
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



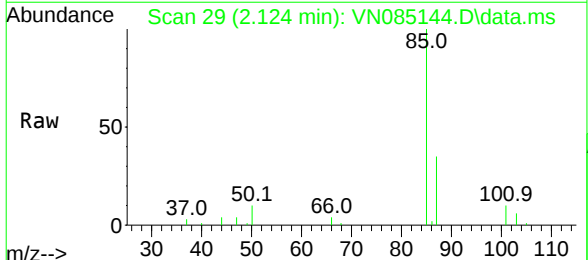
Tgt Ion: 168 Resp: 163291
Ion Ratio Lower Upper
168 100
99 60.1 51.2 76.8

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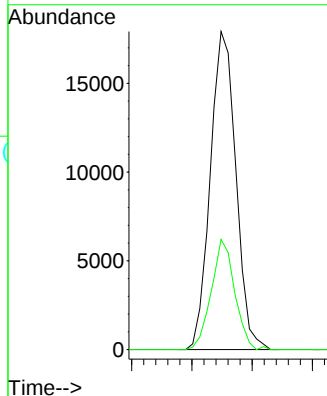
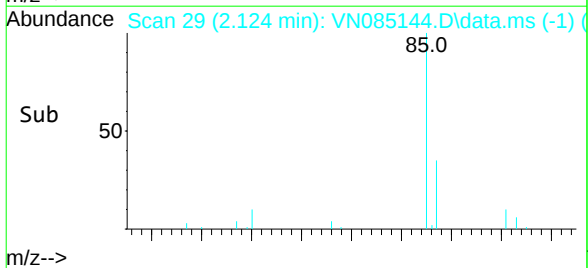
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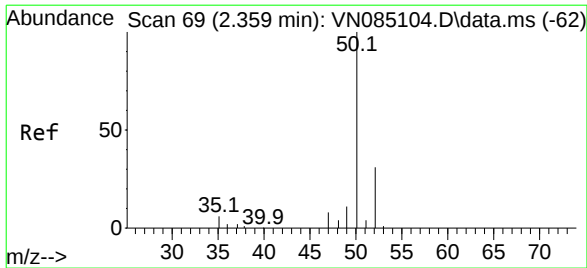


#2
Dichlorodifluoromethane
Concen: 14.303 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35



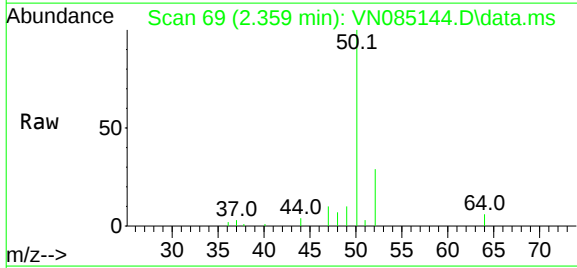
Tgt Ion: 85 Resp: 26409
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.1





#3
Chloromethane
Concen: 12.890 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

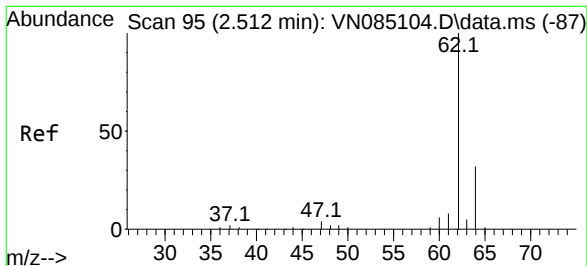
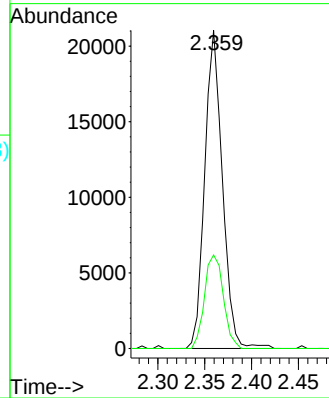
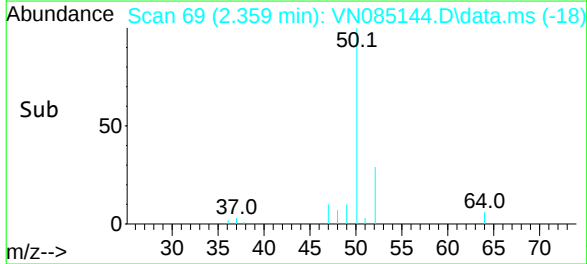
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 27604
Ion Ratio Lower Upper
50 100
52 29.4 27.8 41.8

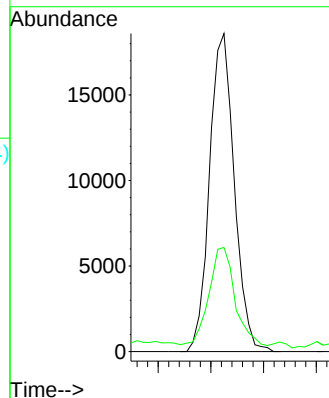
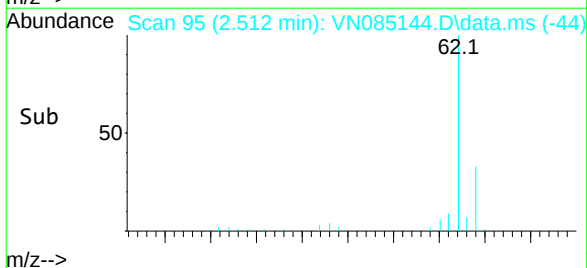
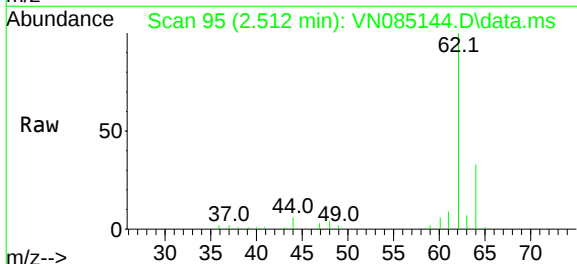
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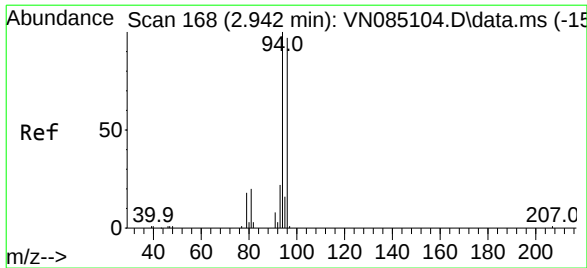
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#4
Vinyl Chloride
Concen: 15.737 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

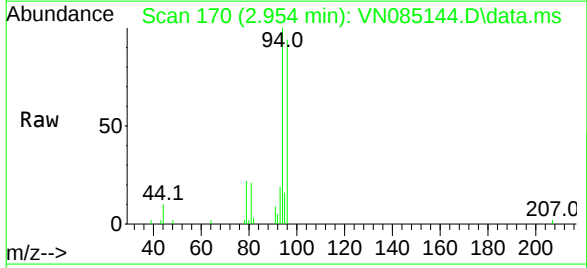
Tgt Ion: 62 Resp: 30286
Ion Ratio Lower Upper
62 100
64 30.6 24.6 36.8





#5
Bromomethane
Concen: 19.680 ug/l
RT: 2.954 min Scan# 17
Delta R.T. 0.053 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

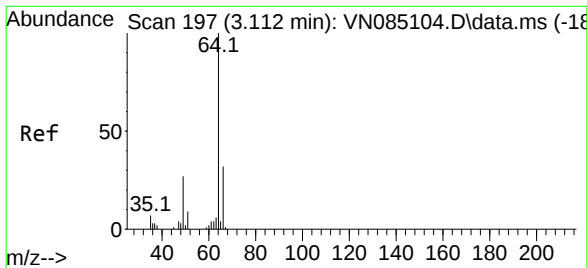
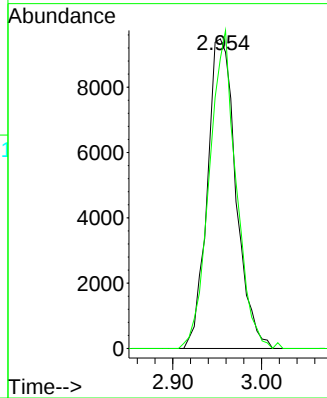
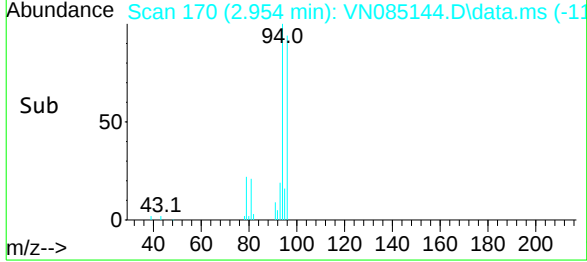
Instrument :
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Tgt Ion: 94 Resp: 21229
Ion Ratio Lower Upper
94 100
96 93.7 78.7 118.1

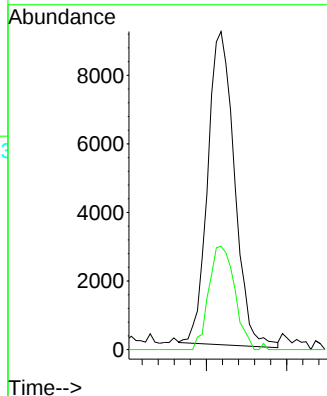
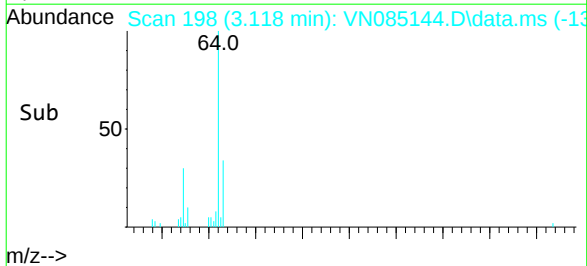
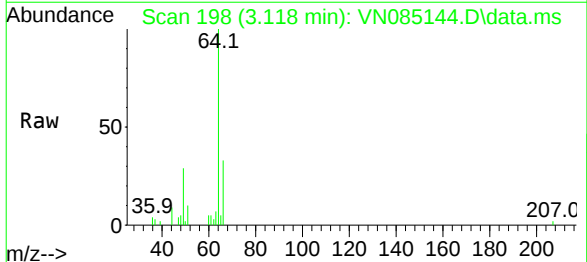
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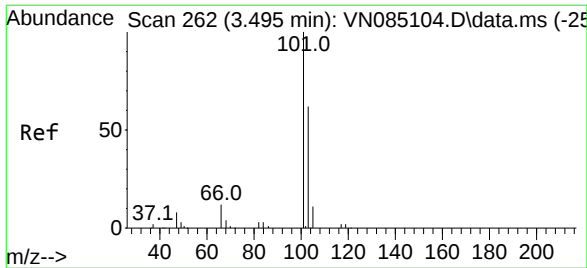
Reviewed By :John Carlone 12/10/2024
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#6
Chloroethane
Concen: 16.268 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 64 Resp: 21103
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6





#7

Trichlorofluoromethane

Concen: 17.321 ug/l

RT: 3.495 min Scan# 262

Delta R.T. 0.035 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion:101 Resp: 56705

Ion Ratio Lower Upper

101 100

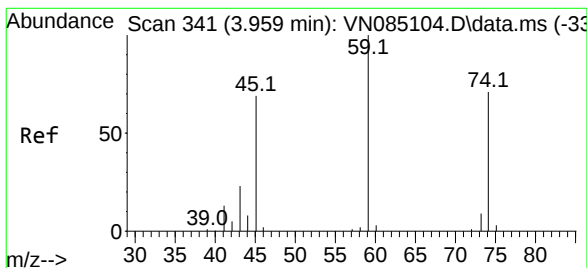
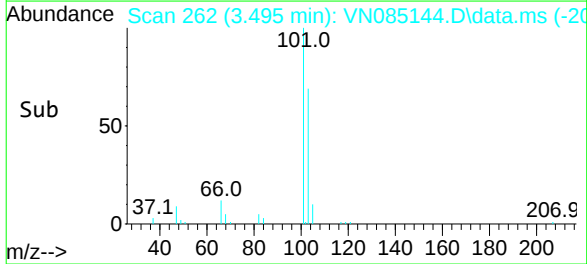
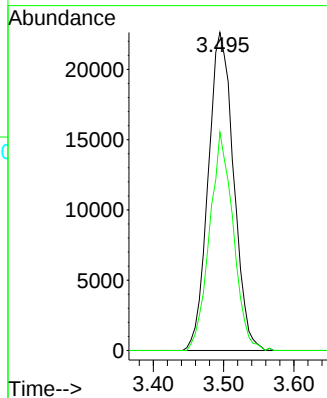
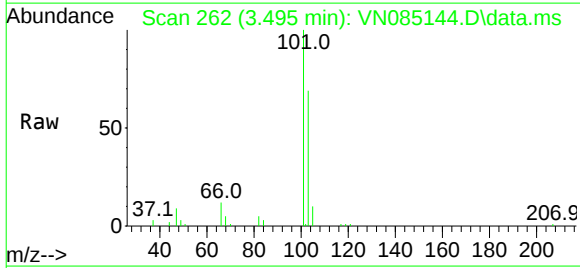
103 68.6 52.6 78.8

Manual Integrations

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#8

Diethyl Ether

Concen: 16.506 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.012 min

Lab File: VN085144.D

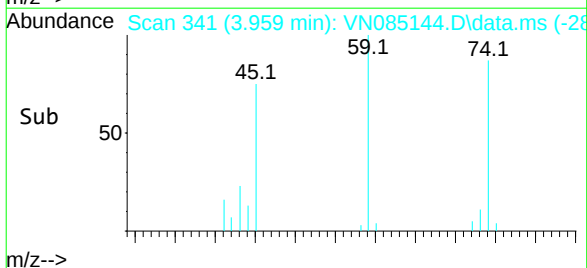
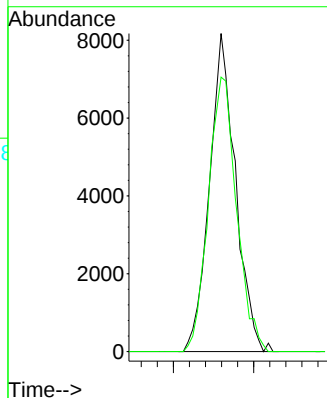
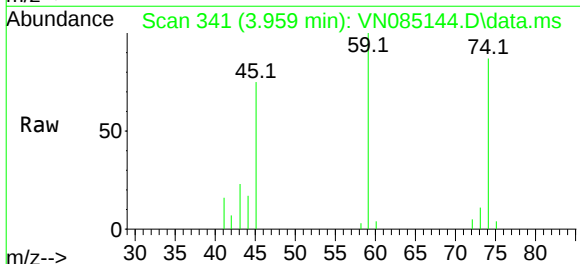
Acq: 09 Dec 2024 11:35

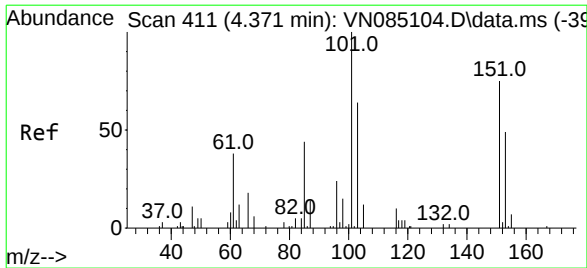
Tgt Ion: 74 Resp: 18392

Ion Ratio Lower Upper

74 100

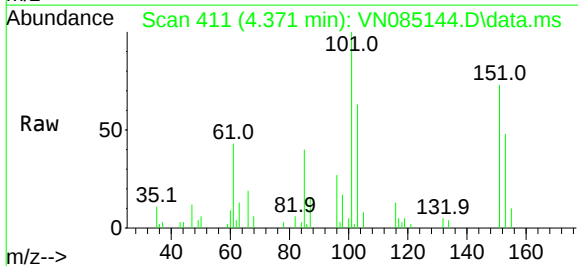
45 93.5 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.521 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN085144.D
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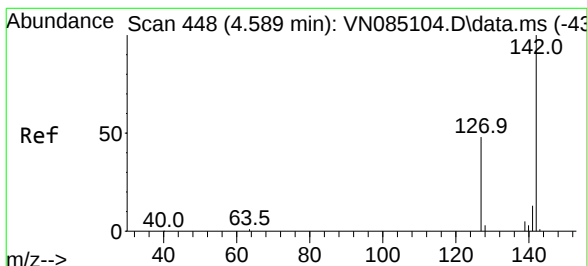
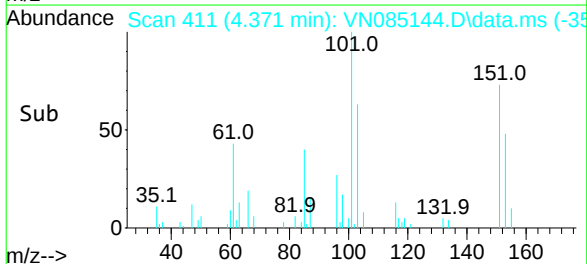
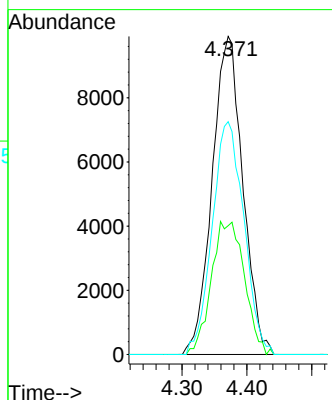
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:	101	Resp:	32533
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.9	55.3
151	75.7	60.8	91.2

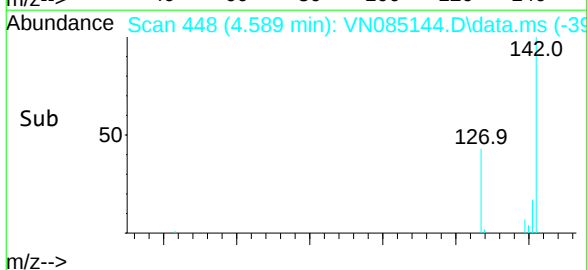
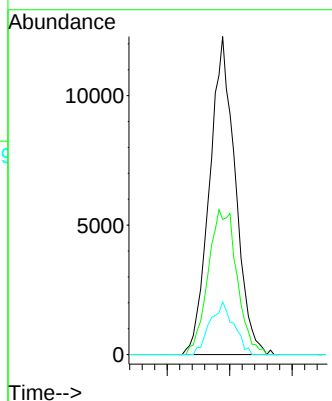
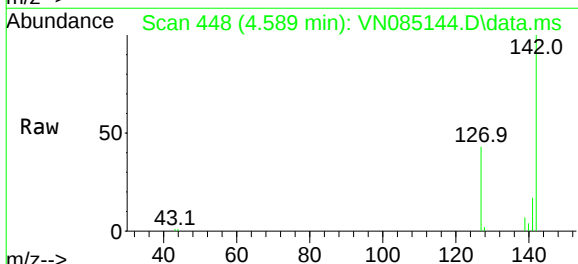
Manual Integrations
APPROVED

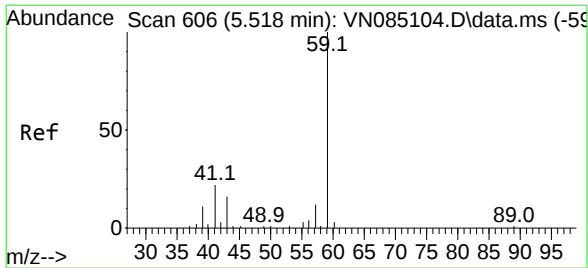
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#10
Methyl Iodide
Concen: 14.288 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

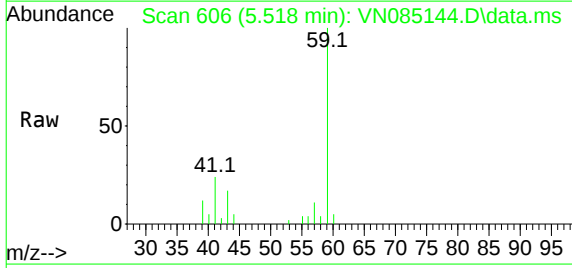
Tgt Ion:	142	Resp:	35117
Ion Ratio	Lower	Upper	
142	100		
127	42.5	36.6	54.8
141	16.6	12.2	18.4





#11
Tert butyl alcohol
Concen: 98.362 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

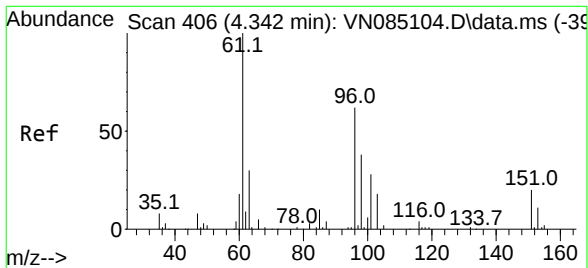
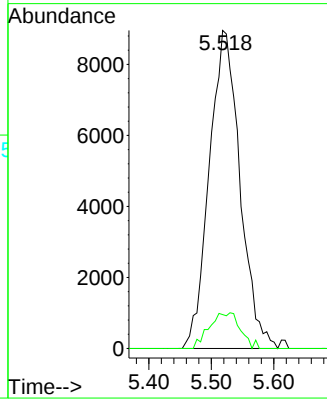
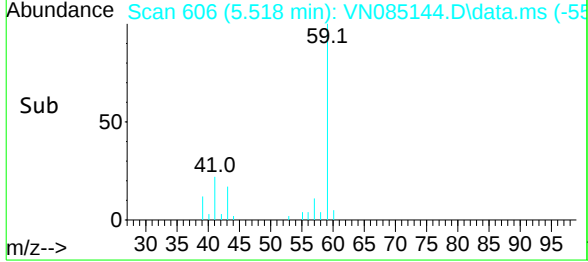
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



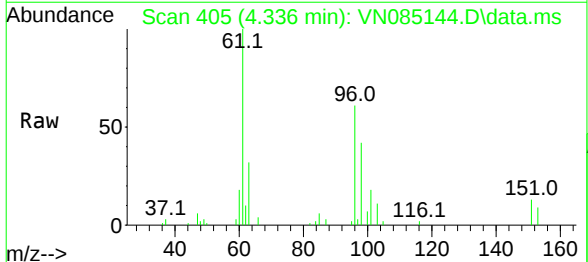
Tgt Ion: 59 Resp: 30573
Ion Ratio Lower Upper
59 100
57 11.4 7.4 11.0

Manual Integrations
APPROVED

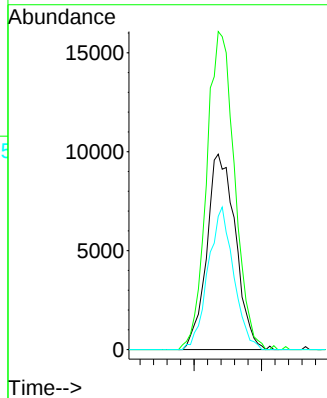
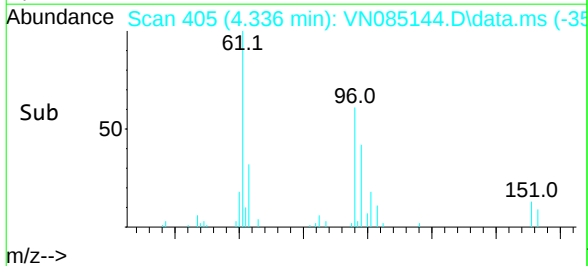
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

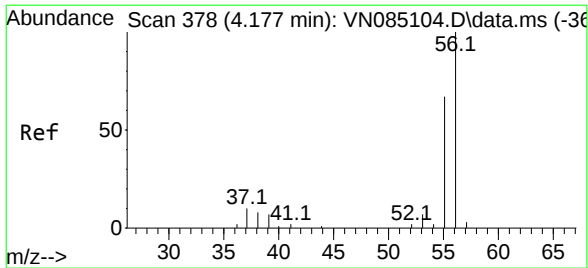


#12
1,1-Dichloroethene
Concen: 16.844 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35



Tgt Ion: 96 Resp: 29194
Ion Ratio Lower Upper
96 100
61 162.8 127.8 191.8
98 68.2 49.2 73.8





#13

Acrolein

Concen: 82.024 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.018 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 56 Resp: 17012

Ion Ratio Lower Upper

56 100

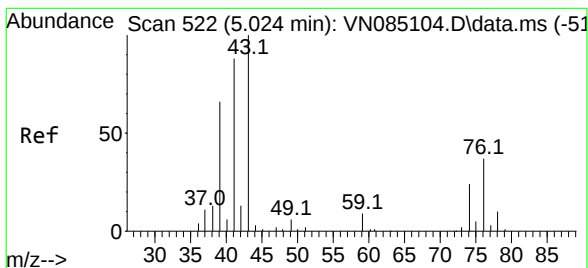
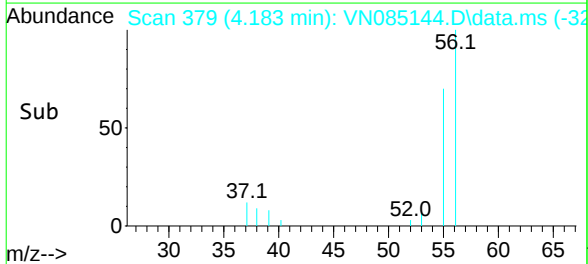
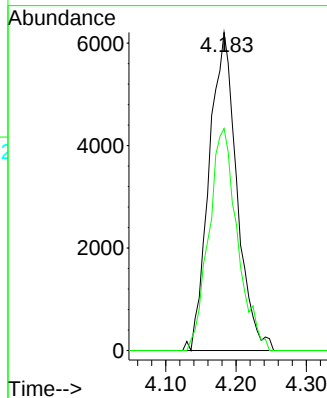
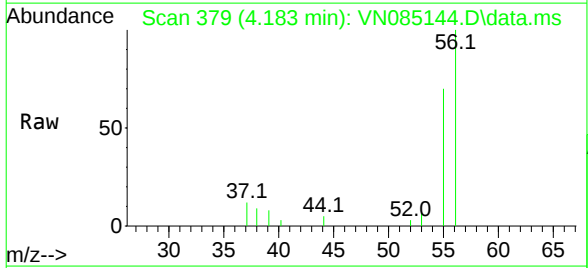
55 71.8 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#14

Allyl chloride

Concen: 14.701 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.018 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

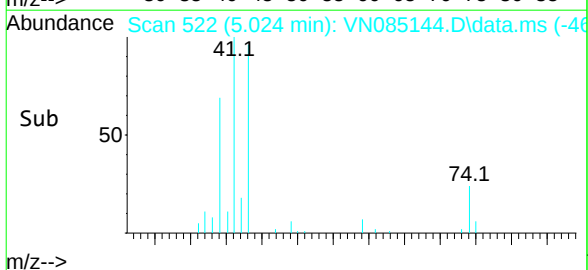
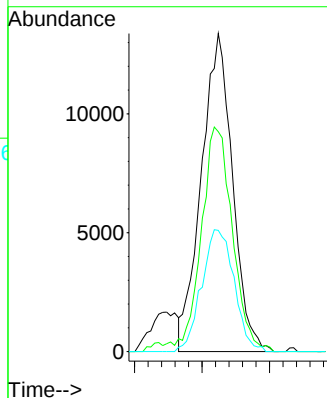
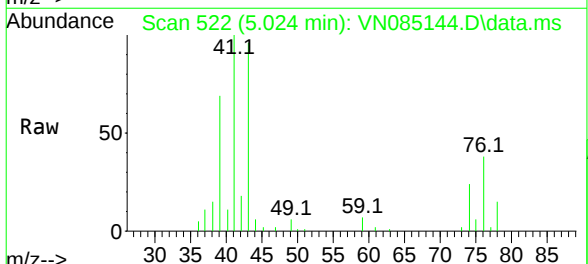
Tgt Ion: 41 Resp: 42953

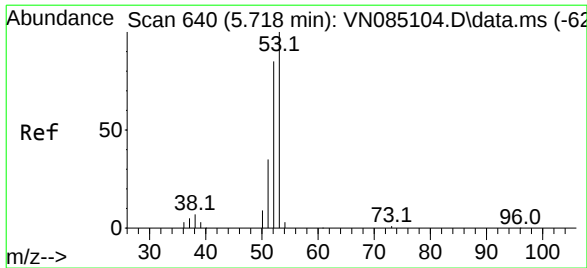
Ion Ratio Lower Upper

41 100

39 70.5 53.8 80.8

76 39.7 29.3 43.9





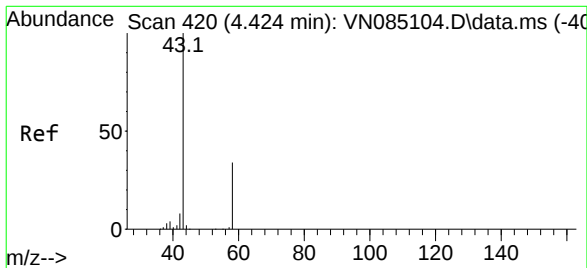
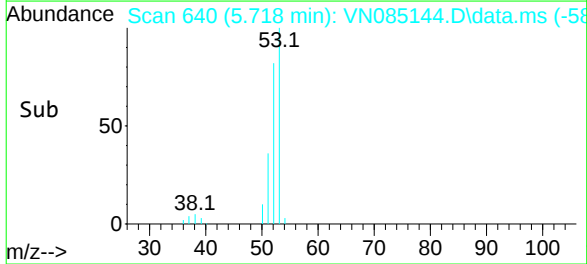
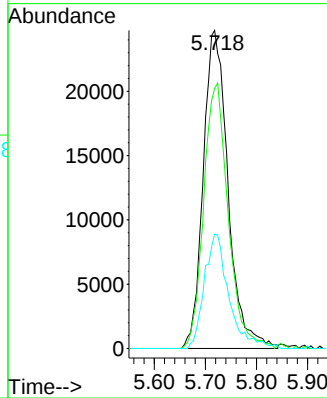
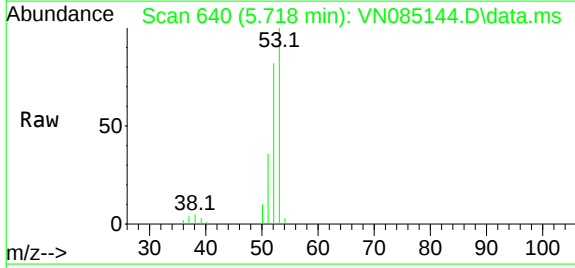
#15
Acrylonitrile
Concen: 94.738 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.7	28.4	42.6

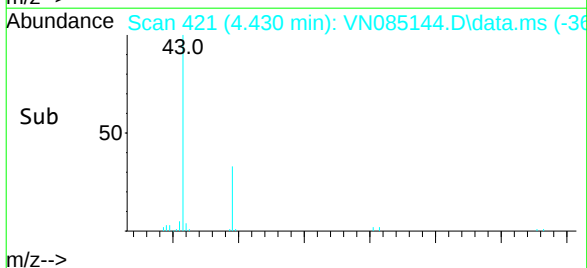
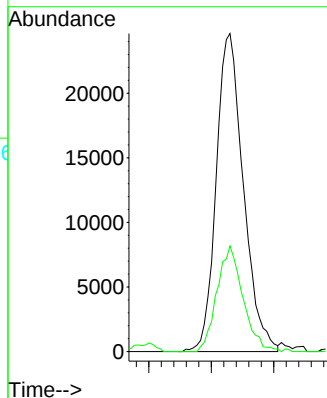
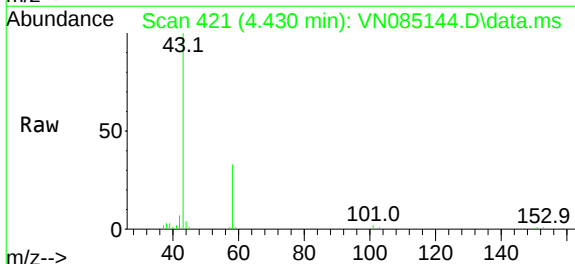
Manual Integrations
APPROVED

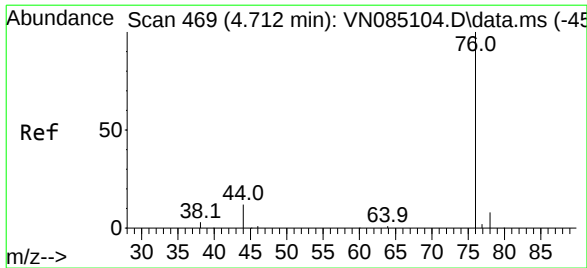
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#16
Acetone
Concen: 109.563 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

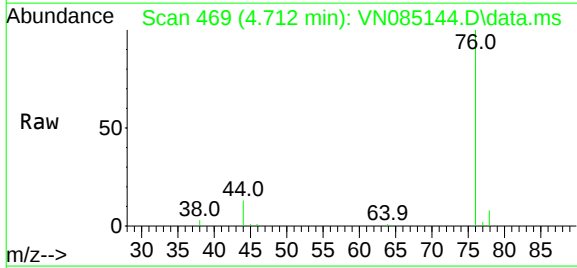
Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.4	38.2





#17
Carbon Disulfide
Concen: 15.679 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

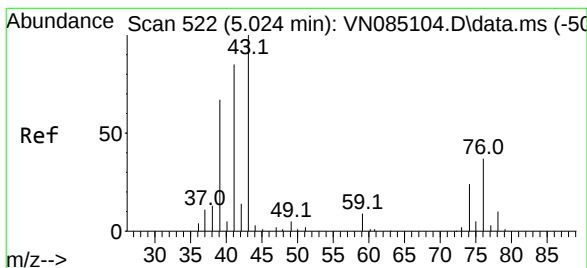
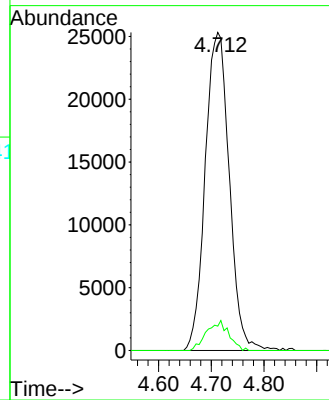
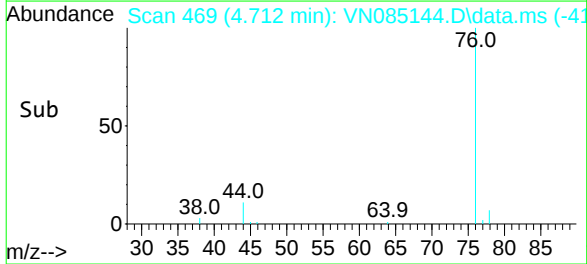
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 76 Resp: 80210
Ion Ratio Lower Upper
76 100
78 7.7 6.5 9.7

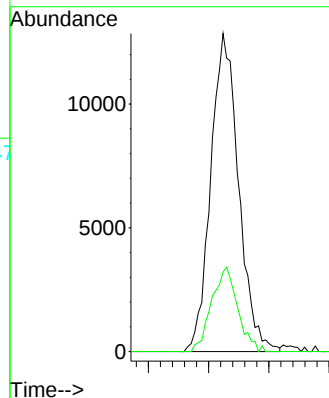
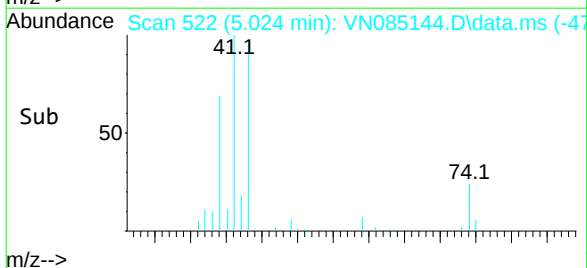
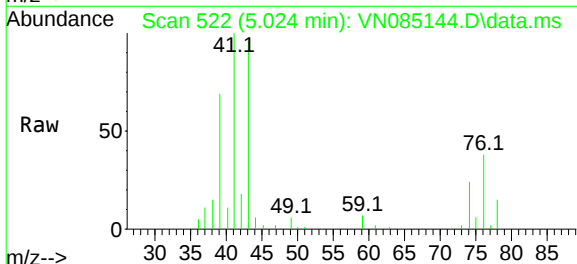
Manual Integrations
APPROVED

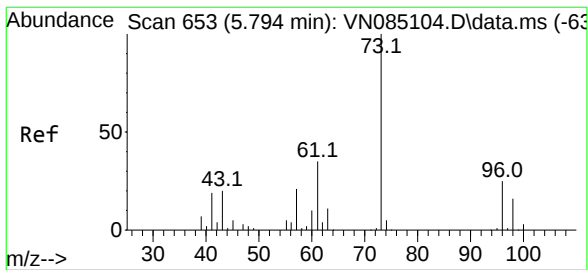
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#18
Methyl Acetate
Concen: 18.303 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 43 Resp: 41204
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





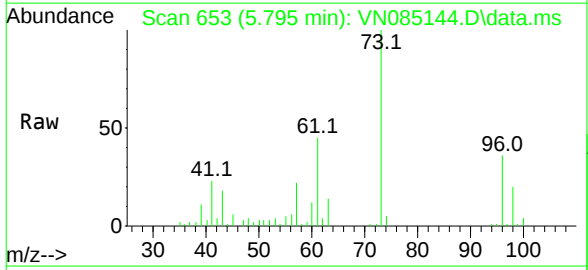
#19
Methyl tert-butyl Ether
Concen: 17.148 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01



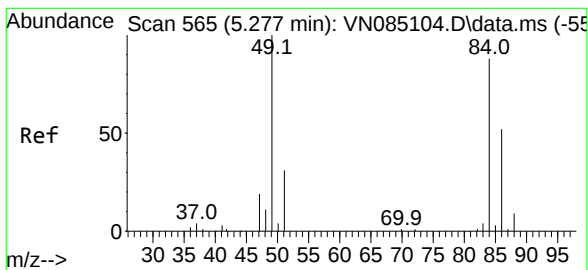
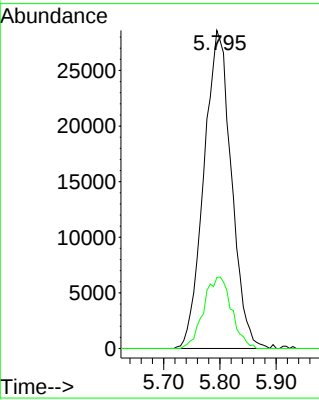
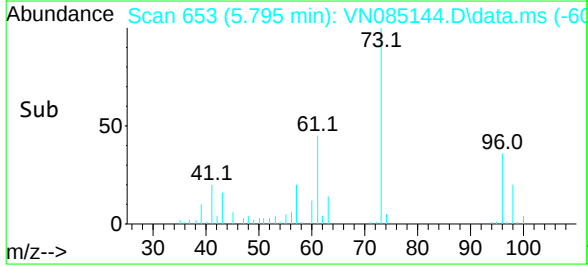
Tgt Ion: 73 Resp: 97105
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.4

Manual Integrations

APPROVED

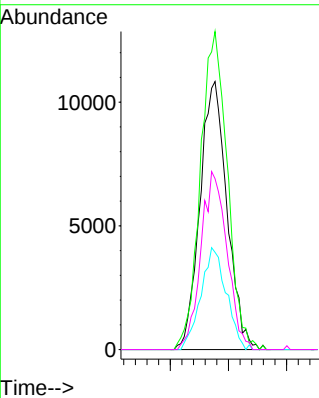
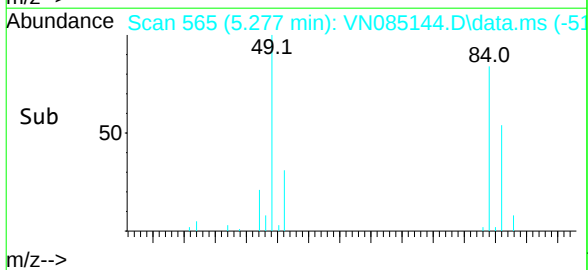
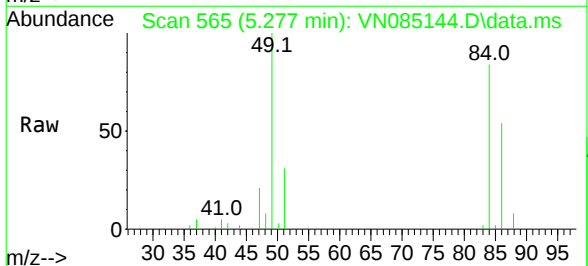
Reviewed By :John Carlone 12/10/2024

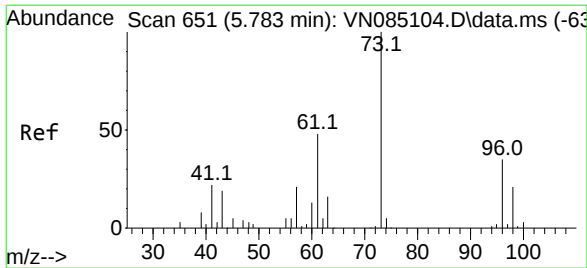
Supervised By :Mahesh Dadoda 12/10/2024



#20
Methylene Chloride
Concen: 16.990 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

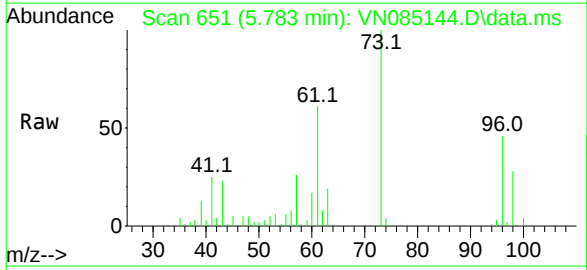
Tgt Ion: 84 Resp: 35121
Ion Ratio Lower Upper
84 100
49 118.7 92.7 139.1
51 36.3 29.4 44.2
86 63.7 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 17.327 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

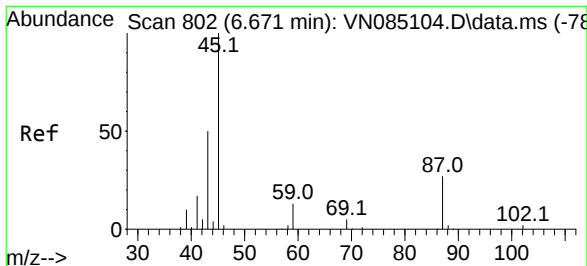
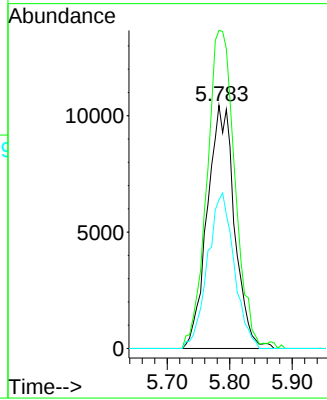
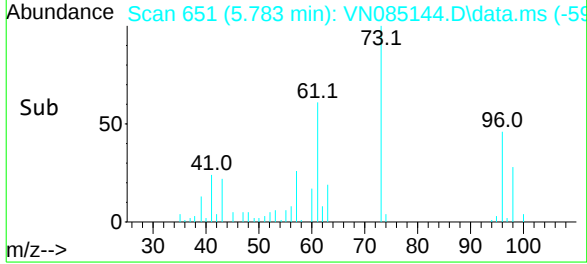
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 96 Resp: 31602
Ion Ratio Lower Upper
96 100
61 130.9 100.7 151.1
98 61.1 45.8 68.6

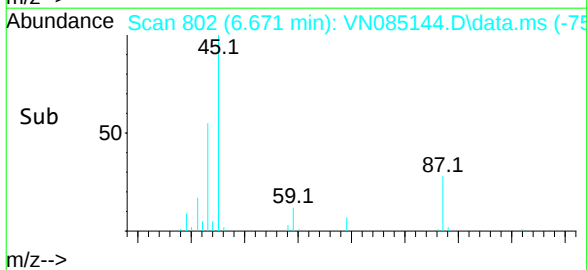
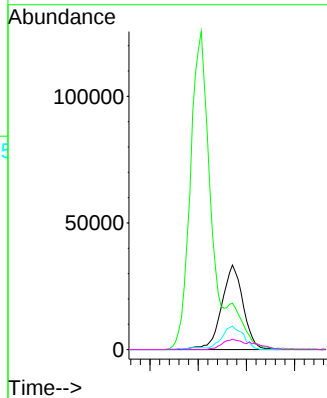
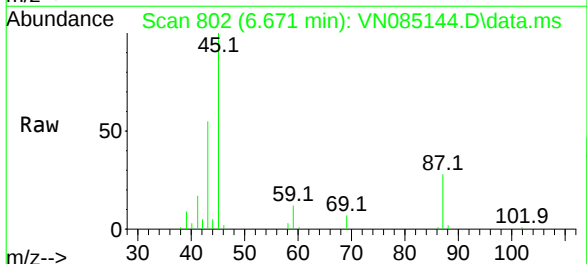
Manual Integrations
APPROVED

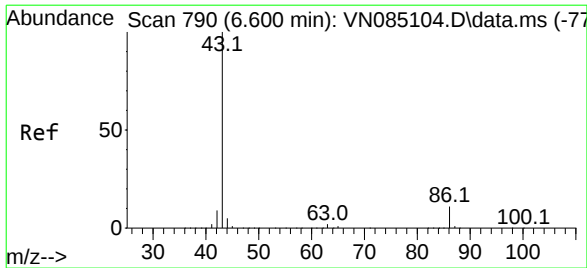
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#22
Diisopropyl ether
Concen: 17.523 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 45 Resp: 103043
Ion Ratio Lower Upper
45 100
43 53.1 42.7 64.1
87 27.8 22.6 34.0
59 11.8 9.9 14.9





#23

Vinyl Acetate

Concen: 86.565 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.012 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 43 Resp: 351180

Ion Ratio Lower Upper

43 100

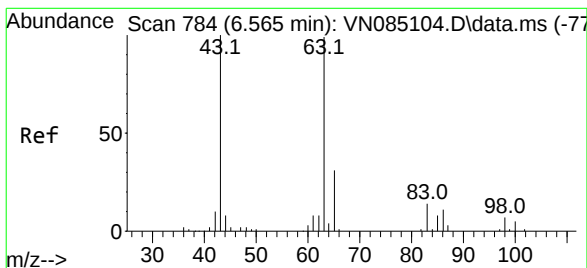
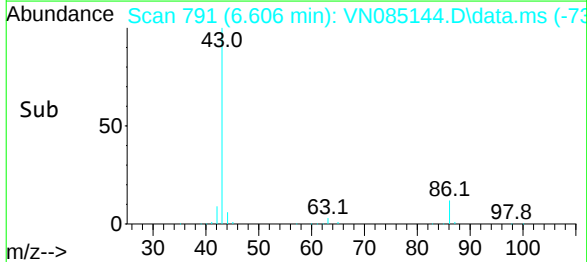
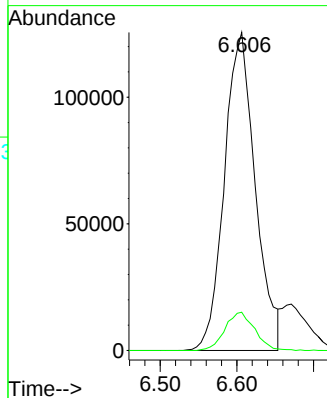
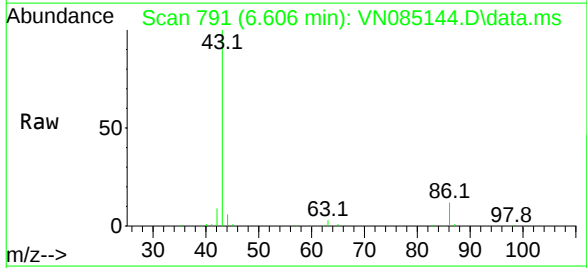
86 12.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#24

1,1-Dichloroethane

Concen: 17.594 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.012 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

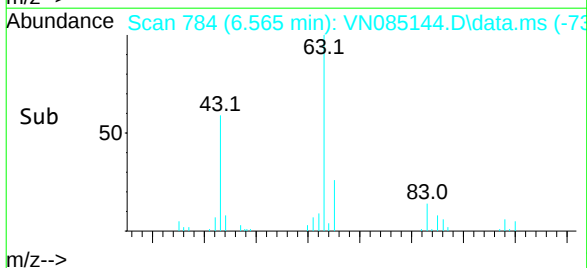
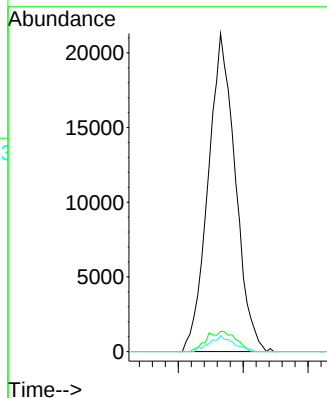
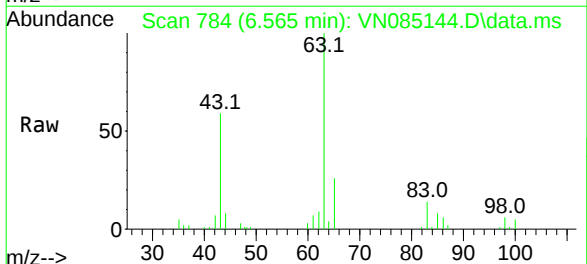
Tgt Ion: 63 Resp: 61913

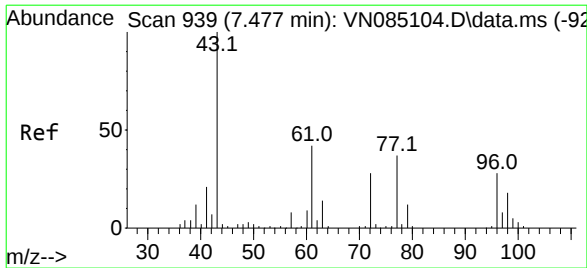
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 5.0 2.2 6.6





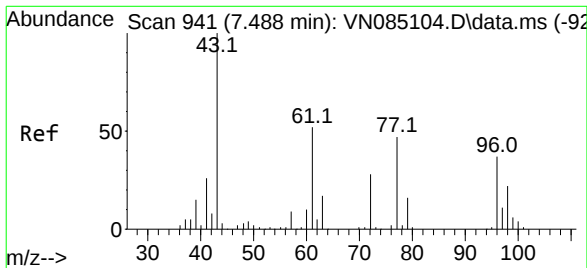
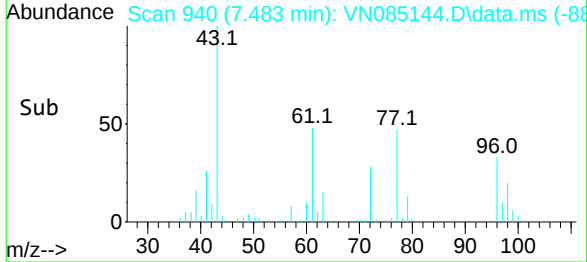
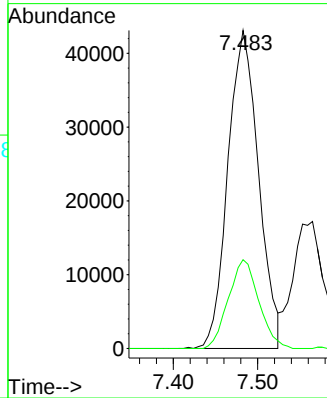
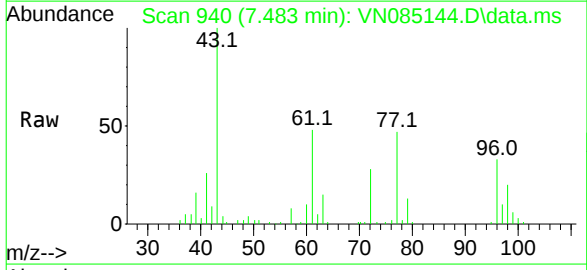
#25
2-Butanone
Concen: 98.232 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 43 Resp: 108793
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.0

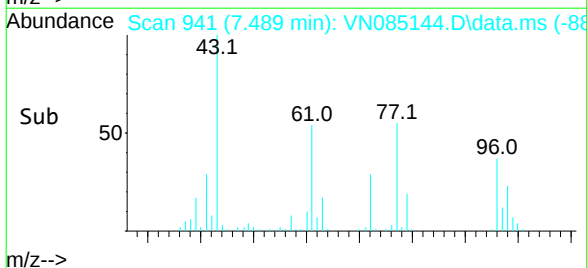
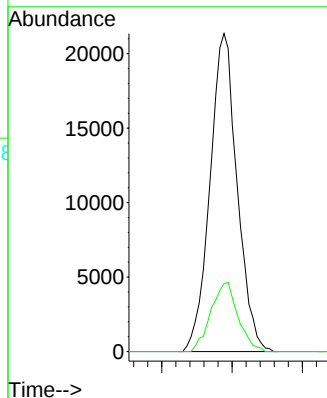
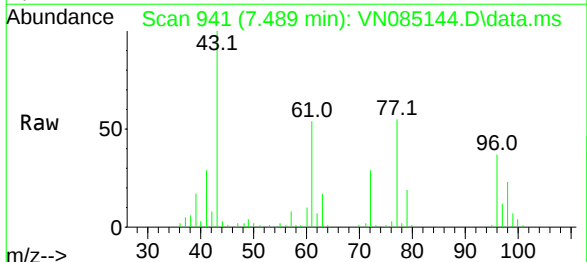
Manual Integrations
APPROVED

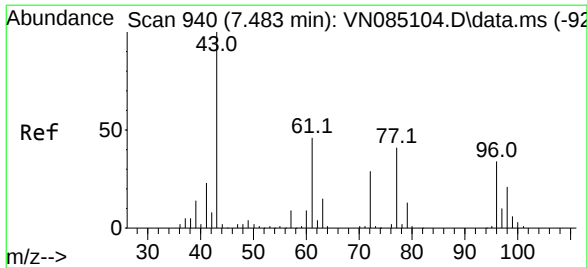
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#26
2,2-Dichloropropane
Concen: 17.429 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

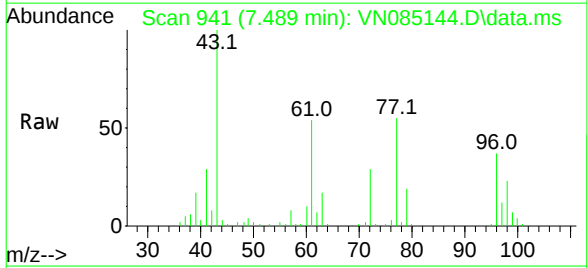
Tgt Ion: 77 Resp: 57271
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 17.016 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

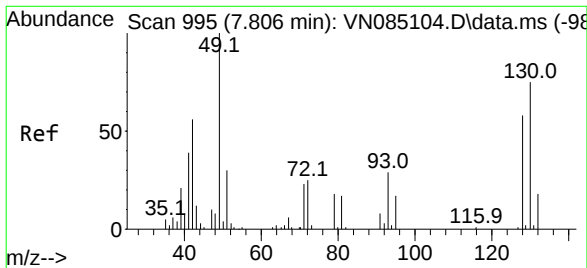
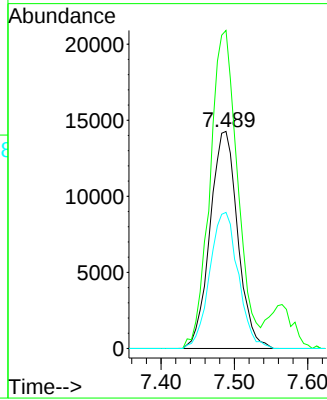
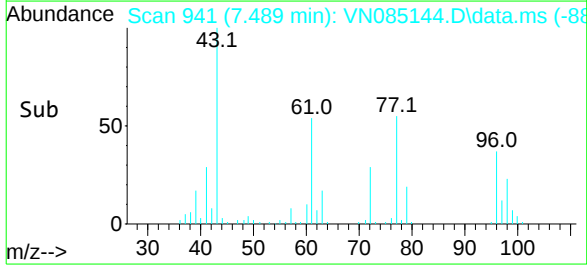
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01



Tgt Ion: 96 Resp: 37413
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 291.6
 98 64.7 0.0 129.8

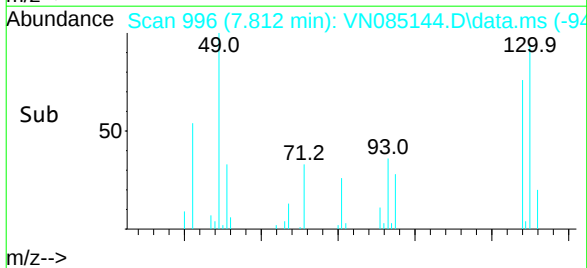
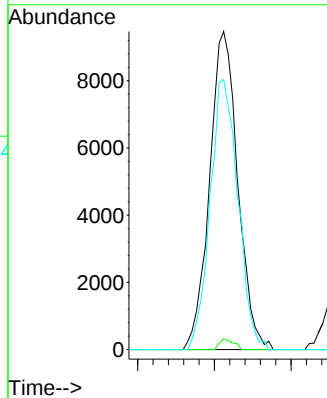
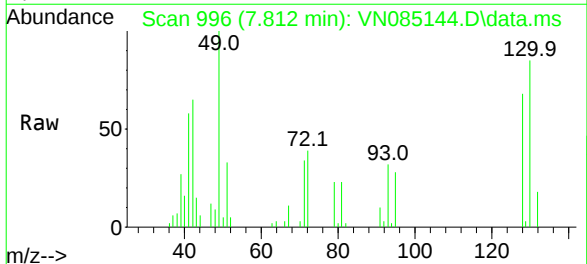
Manual Integrations
 APPROVED

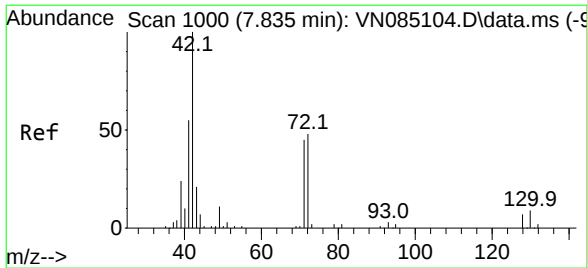
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#28
 Bromochloromethane
 Concen: 18.224 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

Tgt Ion: 49 Resp: 24208
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 83.8 60.6 90.8





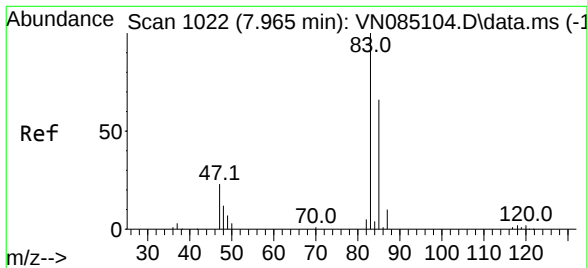
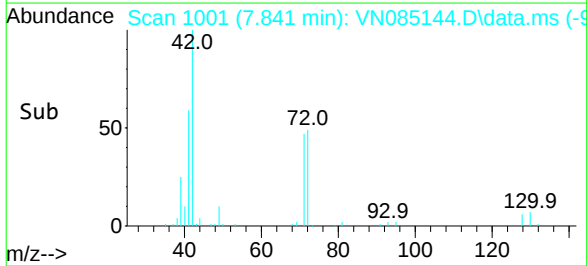
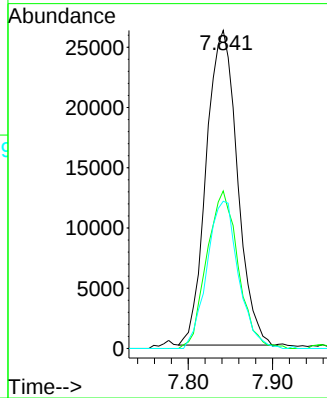
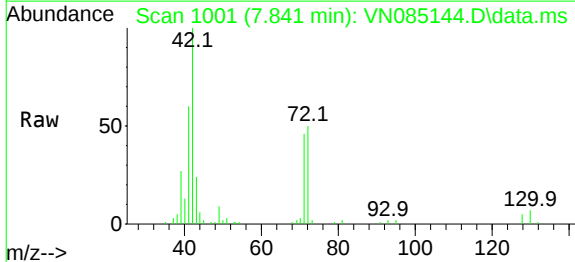
#29
Tetrahydrofuran
Concen: 97.142 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.7	37.0	55.4
71	47.4	35.0	52.4

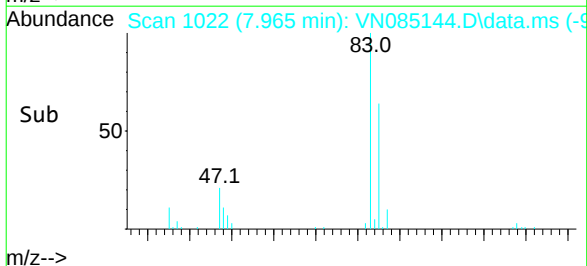
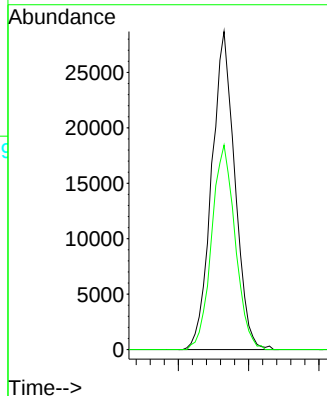
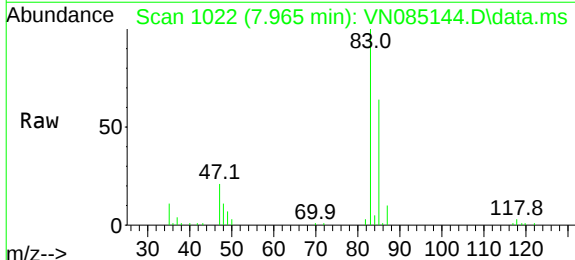
Manual Integrations
APPROVED

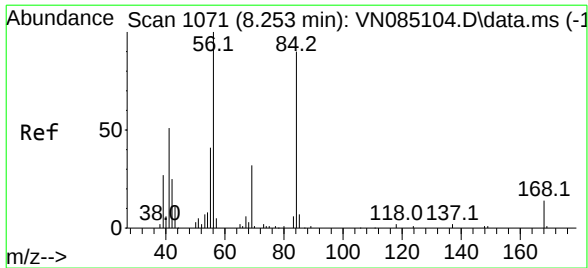
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 17.580 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

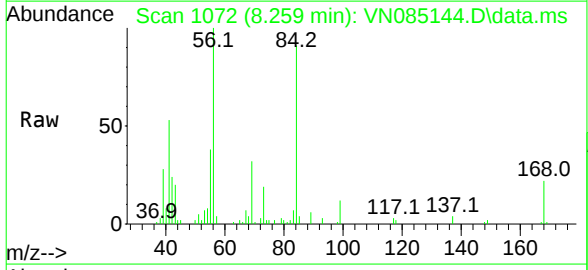
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	78.8





#31
Cyclohexane
Concen: 16.611 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

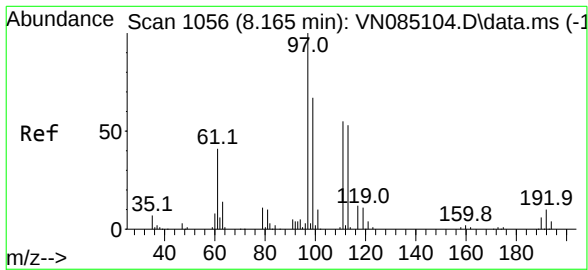
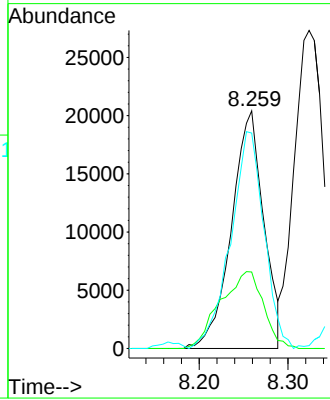
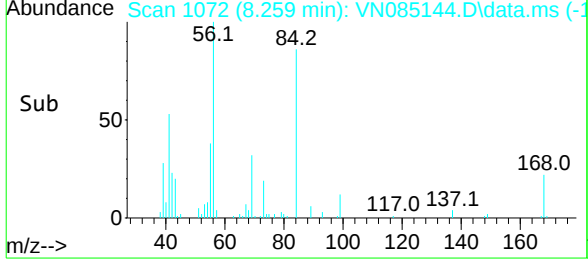
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.6	36.8
84	88.5	71.4	107.2

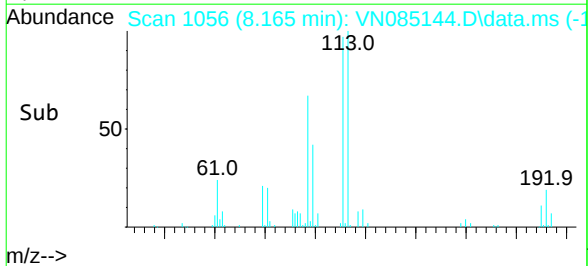
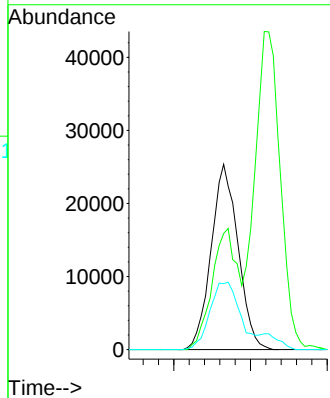
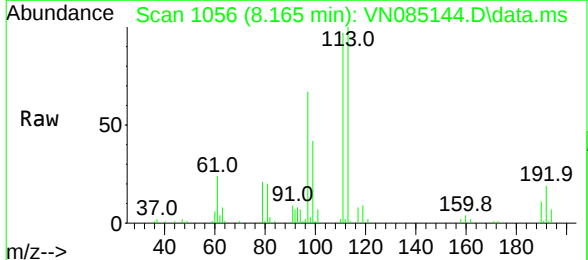
Manual Integrations
APPROVED

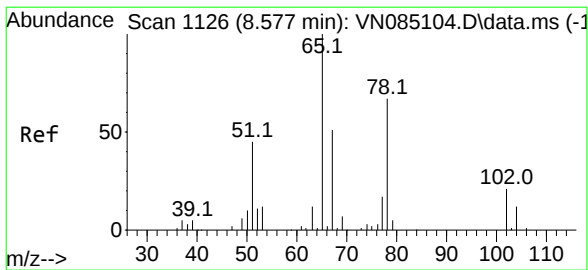
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#32
1,1,1-Trichloroethane
Concen: 18.262 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

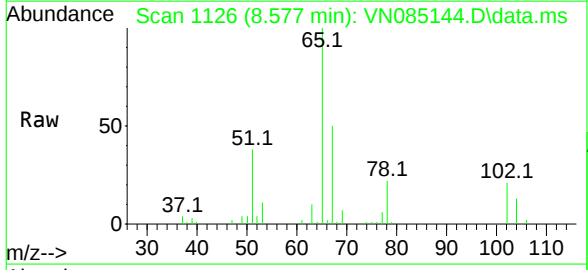
Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	51.0	76.4
61	40.7	36.2	54.2





#33
 1,2-Dichloroethane-d4
 Concen: 45.770 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

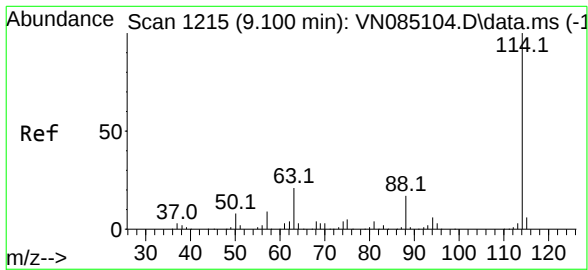
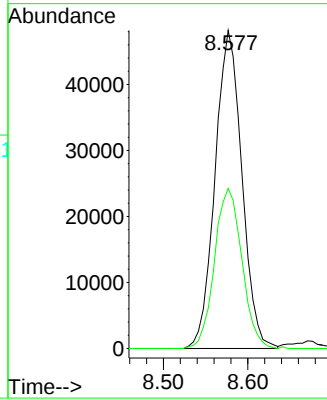
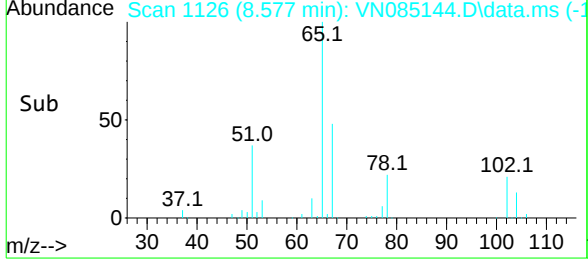
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01



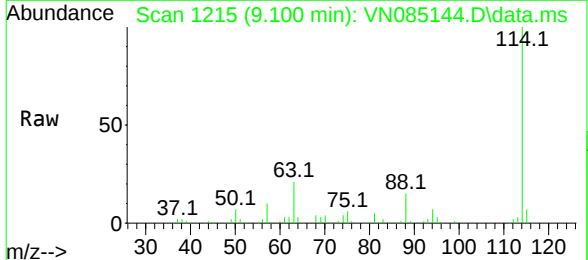
Tgt Ion: 65 Resp: 106459
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.0

Manual Integrations
APPROVED

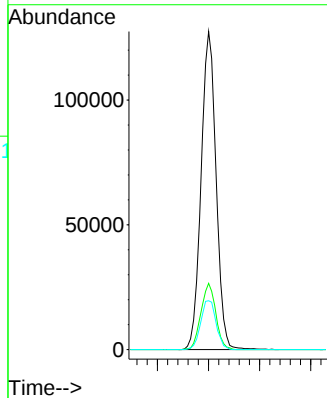
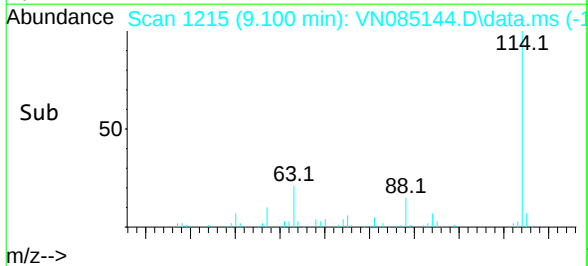
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024

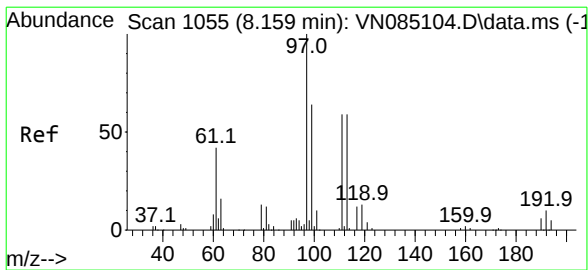


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35



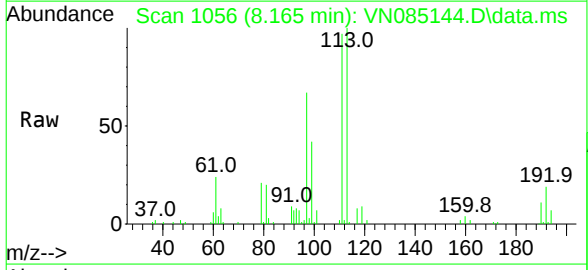
Tgt Ion:114 Resp: 259546
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.0
 88 15.3 0.0 34.8





#35
 Dibromofluoromethane
 Concen: 50.875 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

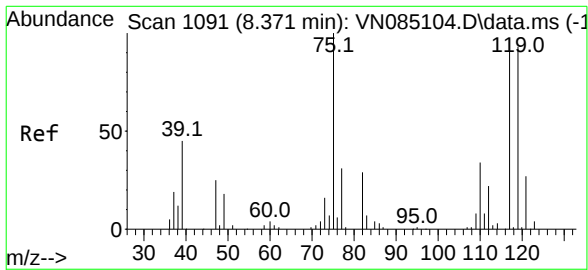
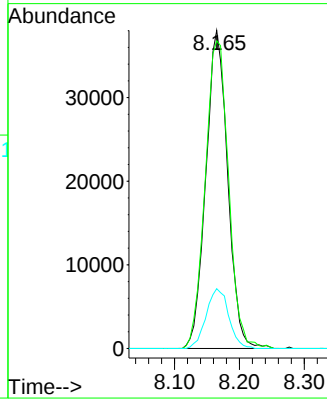
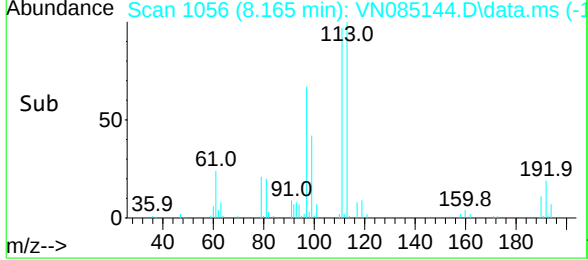
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01



Tgt Ion:	113	Resp:	89046
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	19.4	14.8	22.2

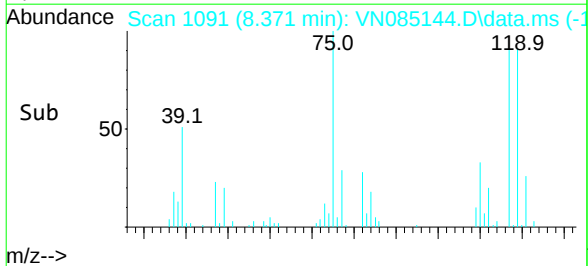
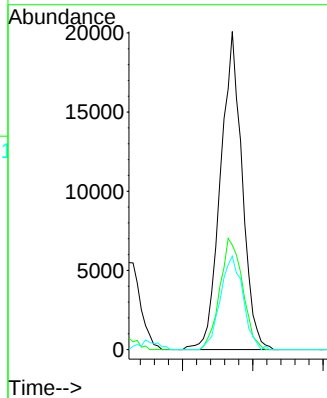
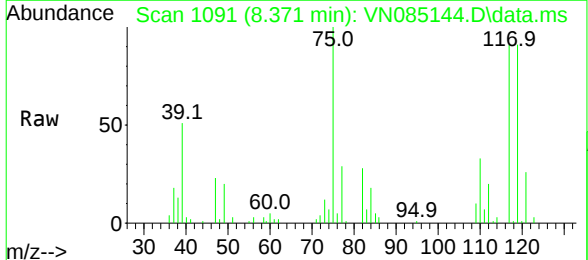
Manual Integrations
 APPROVED

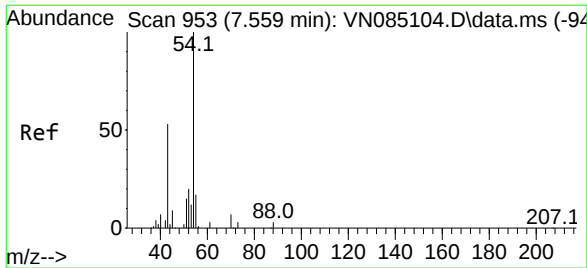
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#36
 1,1-Dichloropropene
 Concen: 18.075 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

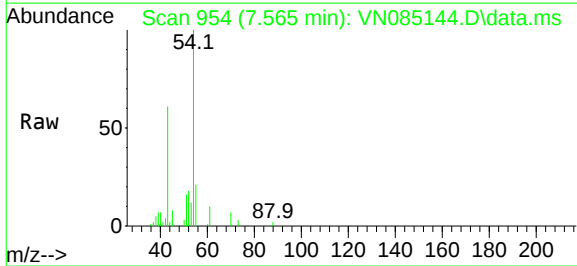
Tgt Ion:	75	Resp:	42851
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.2	51.6
77	30.8	24.2	36.4





#37
Ethyl Acetate
Concen: 19.744 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.012 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

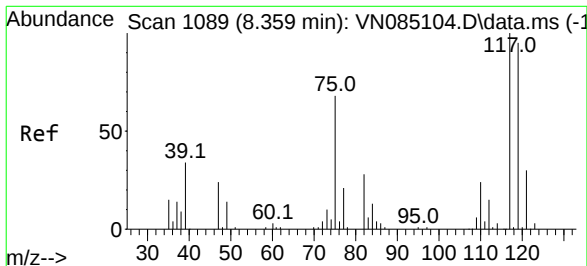
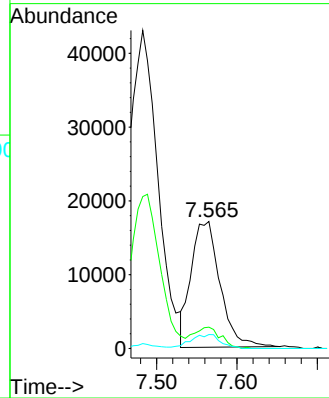
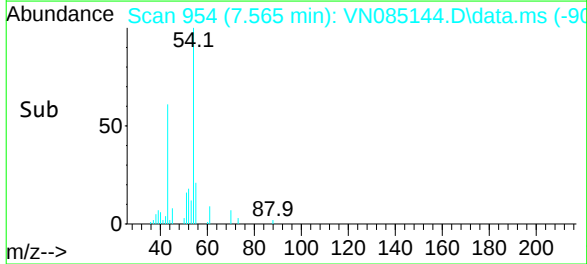
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 43 Resp: 42554
Ion Ratio Lower Upper
43 100
61 16.0 11.7 17.5
70 11.6 9.3 13.9

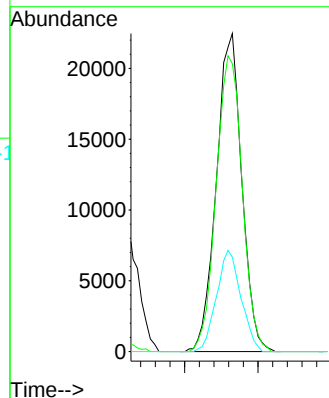
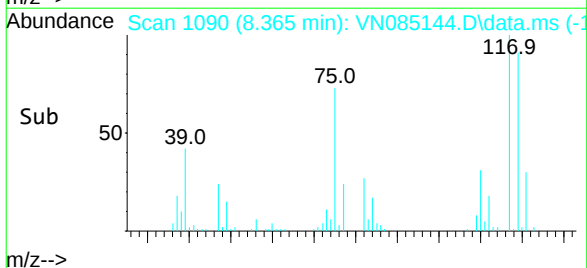
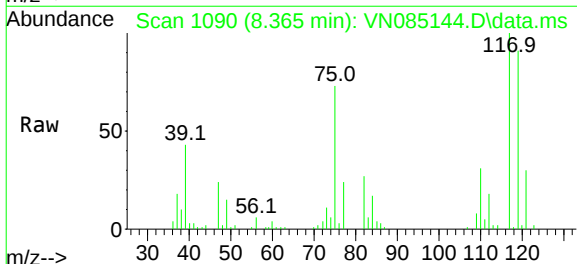
Manual Integrations
APPROVED

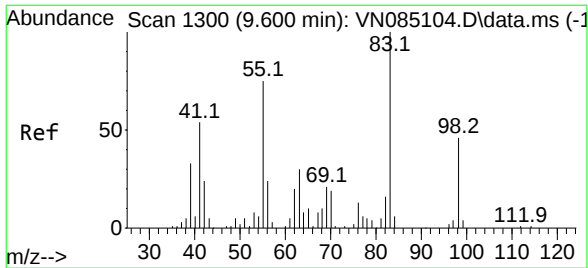
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 19.750 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:117 Resp: 54048
Ion Ratio Lower Upper
117 100
119 90.5 78.6 117.8
121 29.7 24.2 36.2





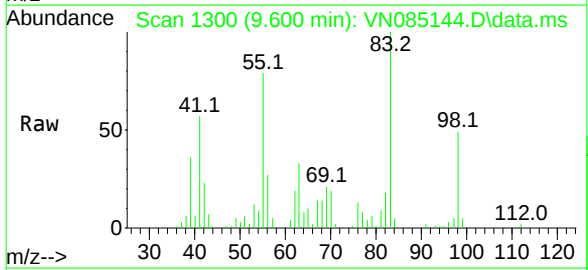
#39
Methylcyclohexane
Concen: 17.347 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

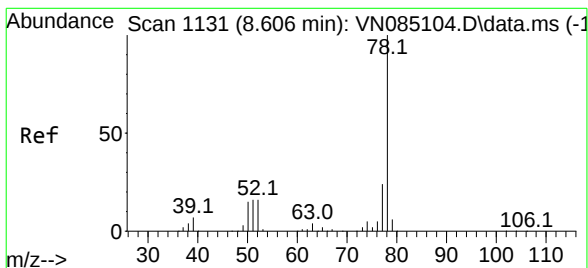
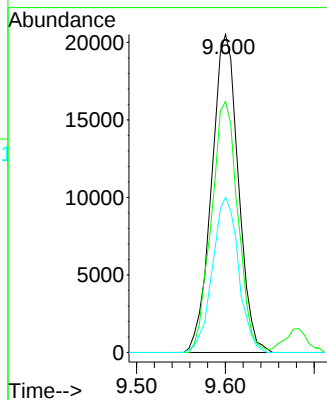
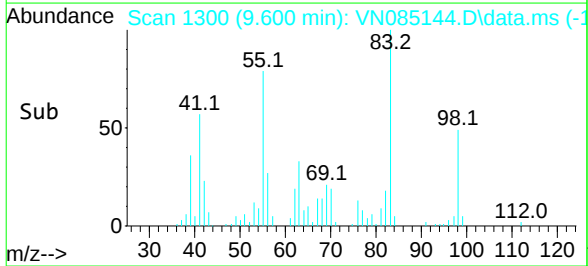
VN1209WBS01



Tgt Ion: 83 Resp: 42735
Ion Ratio Lower Upper
83 100
55 79.0 61.8 92.6
98 48.8 37.0 55.6

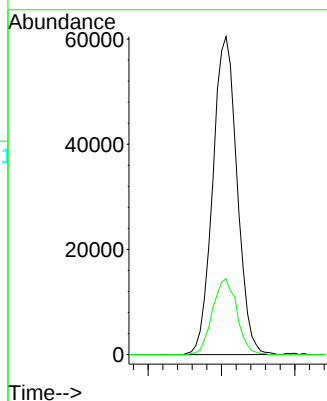
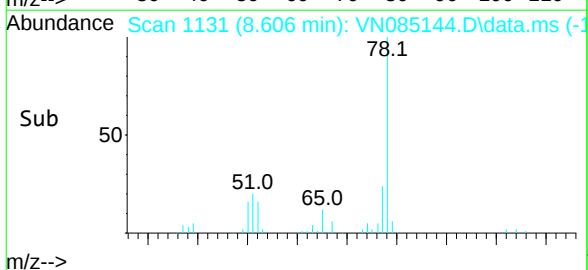
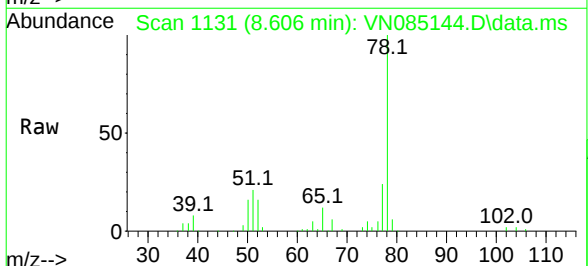
Manual Integrations
APPROVED

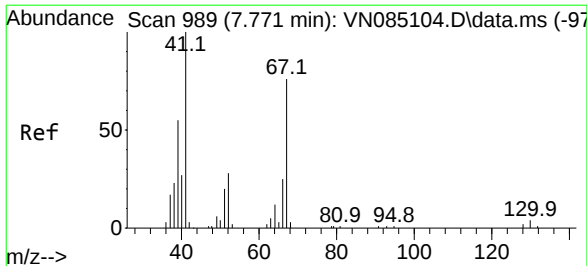
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 18.573 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 78 Resp: 139262
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7





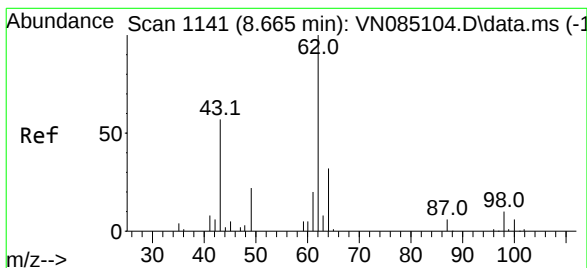
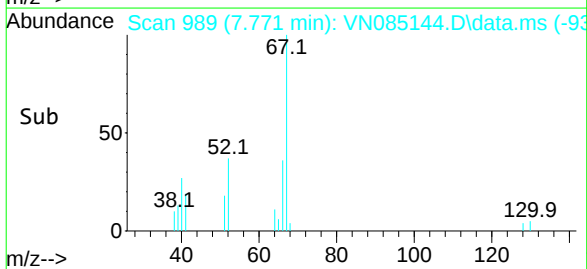
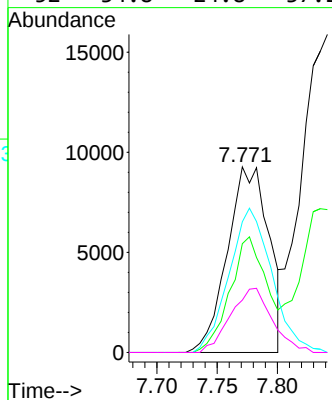
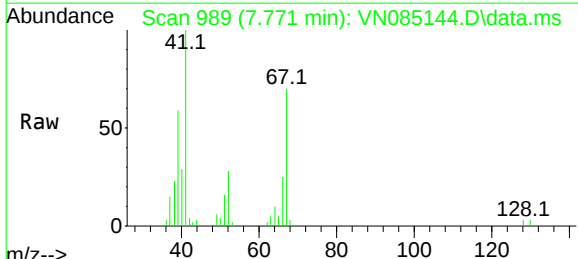
#41
Methacrylonitrile
Concen: 18.646 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 41	Resp: 22251
Ion Ratio	Lower Upper
41 100	
39 55.1	42.6 63.8
67 80.1	59.9 89.9
52 34.8	24.8 37.2

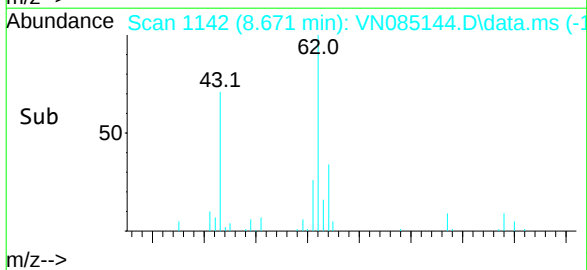
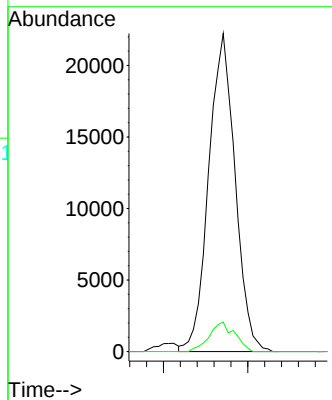
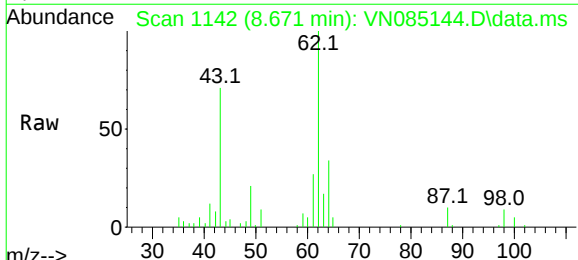
Manual Integrations
APPROVED

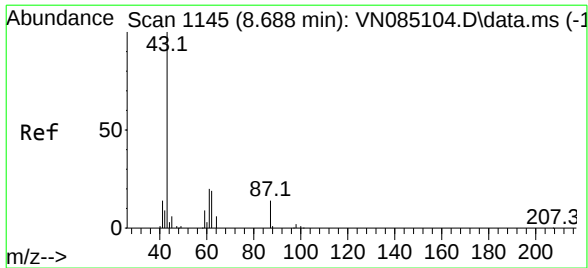
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 18.845 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

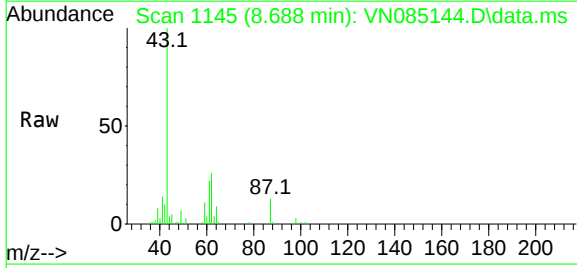
Tgt Ion: 62	Resp: 48342
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.2





#43
Isopropyl Acetate
Concen: 16.245 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

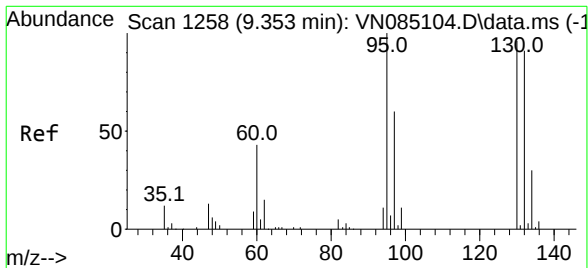
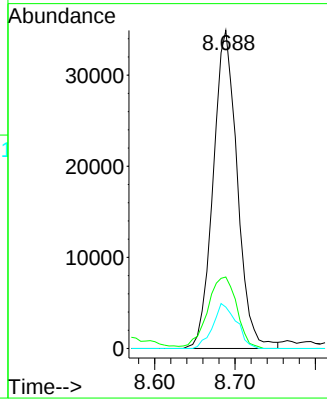
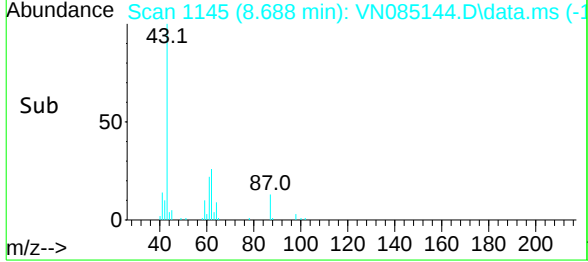
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 43	Resp: 72727
Ion Ratio	Lower Upper
43	100
61	27.3 20.6 30.8
87	13.9 11.0 16.4

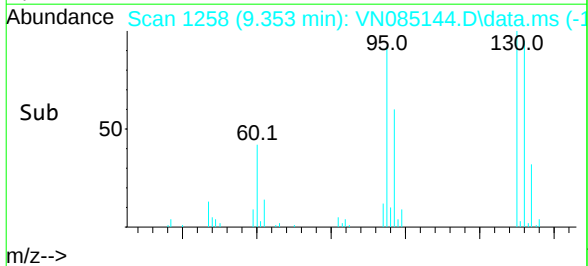
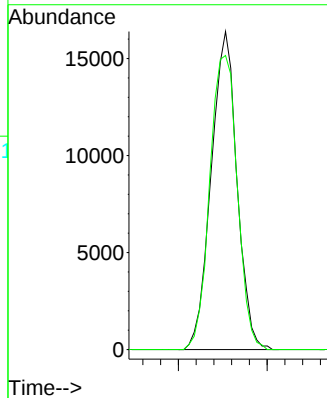
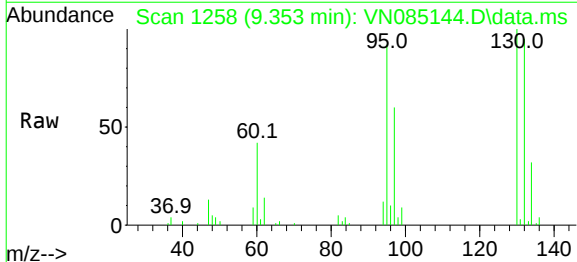
Manual Integrations
APPROVED

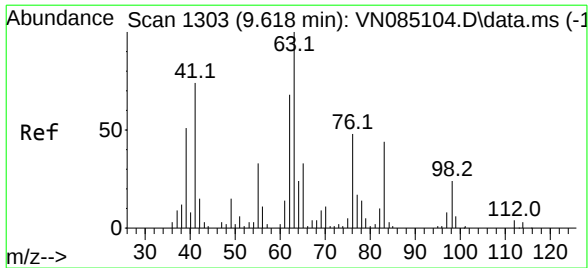
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#44
Trichloroethene
Concen: 19.010 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

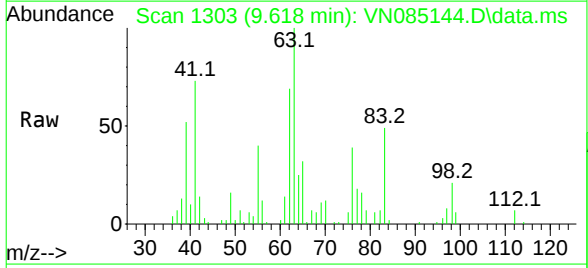
Tgt Ion: 130	Resp: 33126
Ion Ratio	Lower Upper
130	100
95	92.5 0.0 213.4





#45
1,2-Dichloropropane
Concen: 18.593 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

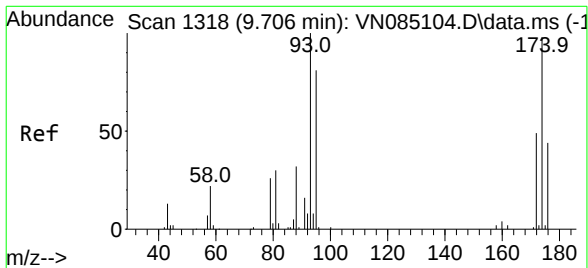
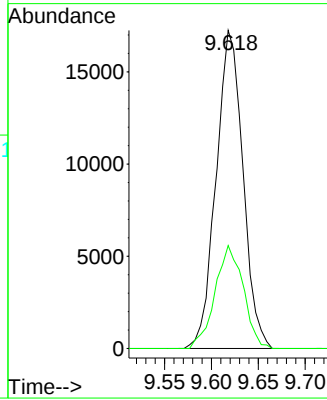
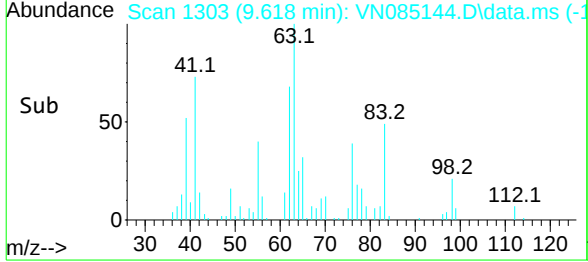
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 63 Resp: 34338
Ion Ratio Lower Upper
63 100
65 32.4 24.0 36.0

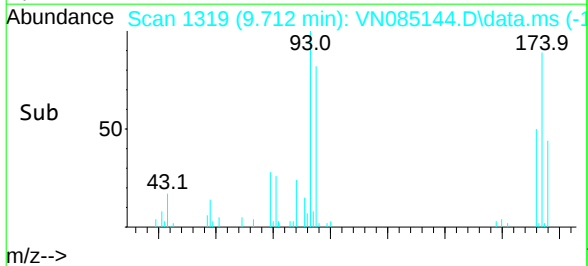
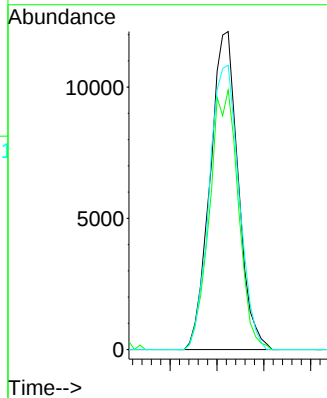
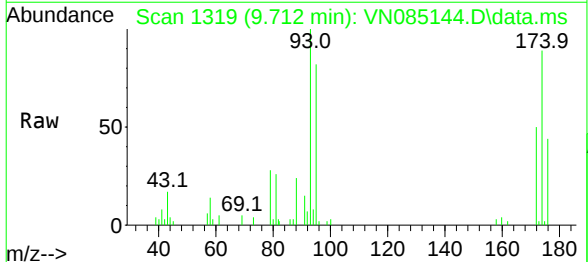
Manual Integrations
APPROVED

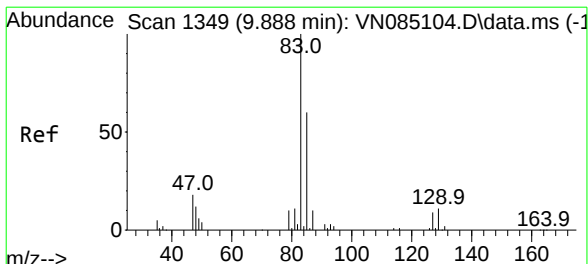
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#46
Dibromomethane
Concen: 19.674 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

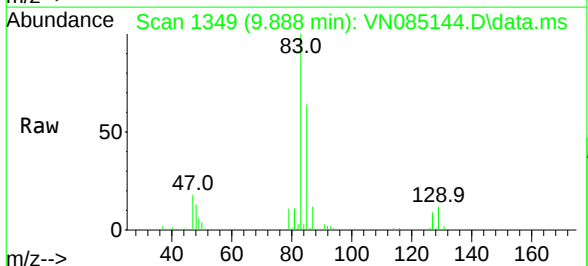
Tgt Ion: 93 Resp: 25247
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 94.2 74.9 112.3





#47
 Bromodichloromethane
 Concen: 19.002 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.006 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

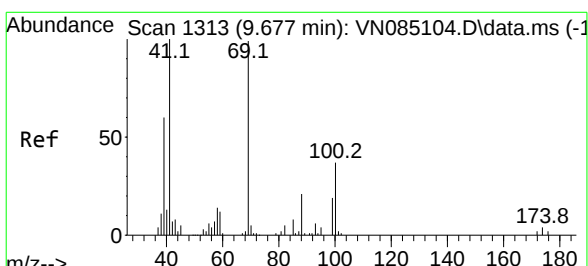
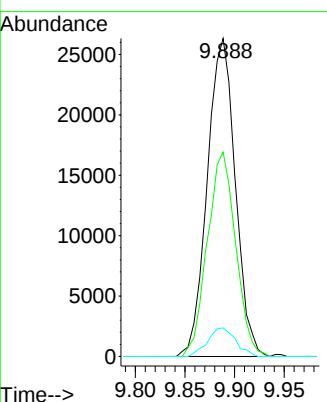
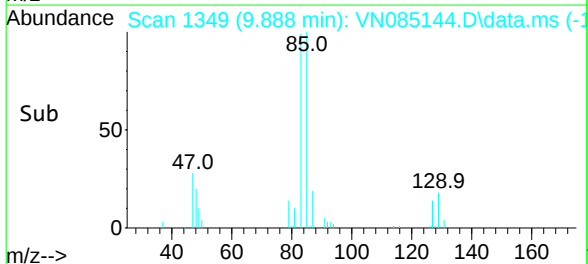
Instrument : MSVOA_N
 ClientSampleId : VN1209WBS01



Tgt Ion:	83	Resp:	51682
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.5	75.7
127	9.0	7.1	10.7

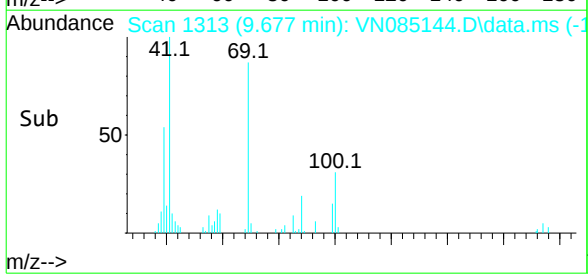
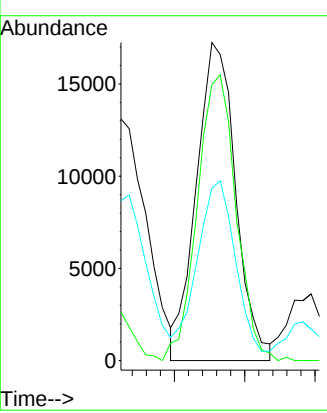
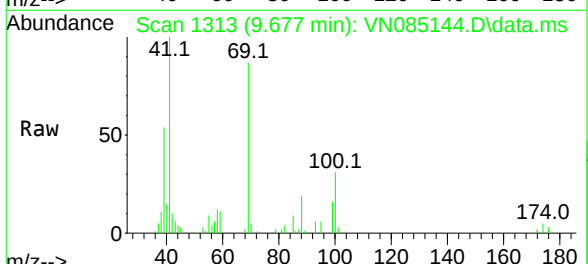
Manual Integrations
 APPROVED

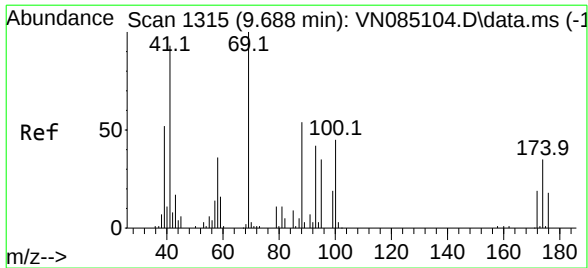
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#48
 Methyl methacrylate
 Concen: 20.109 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085144.D
 Acq: 09 Dec 2024 11:35

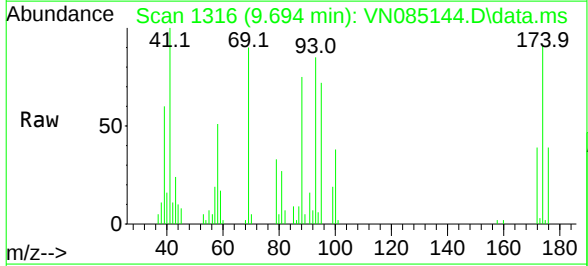
Tgt Ion:	41	Resp:	33500
Ion	Ratio	Lower	Upper
41	100		
69	88.5	73.2	109.8
39	56.1	46.2	69.4





#49
1,4-Dioxane
Concen: 461.086 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

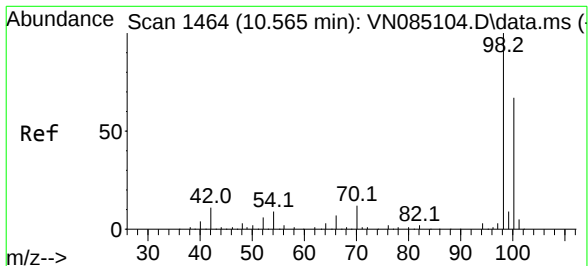
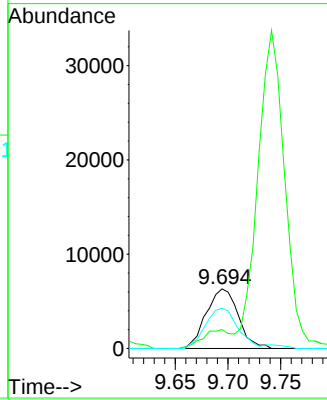
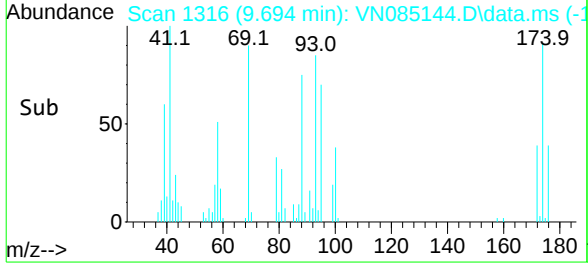
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



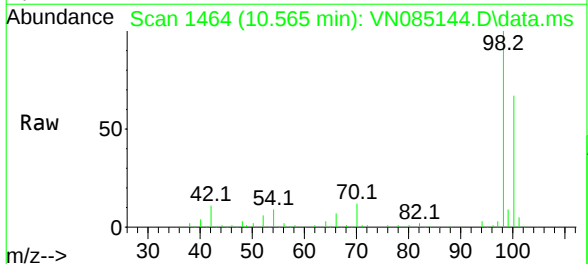
Tgt Ion: 88 Resp: 13321
Ion Ratio Lower Upper
88 100
43 29.8 16.7 25.1#
58 69.0 56.5 84.7

Manual Integrations
APPROVED

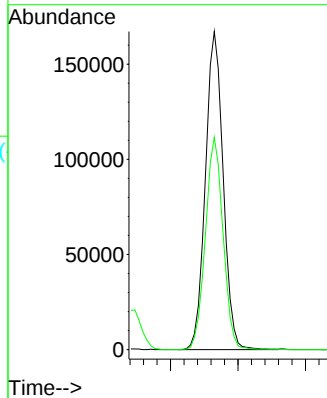
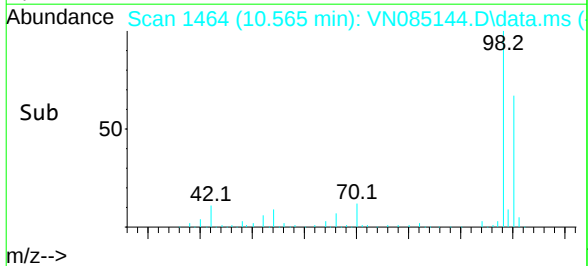
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

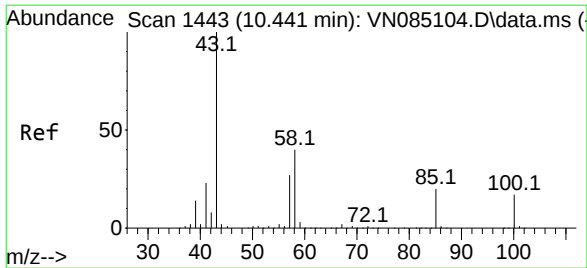


#50
Toluene-d8
Concen: 48.643 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35



Tgt Ion: 98 Resp: 305121
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





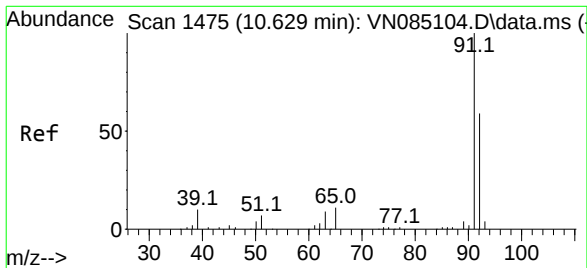
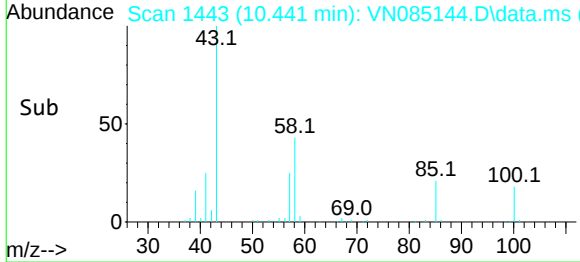
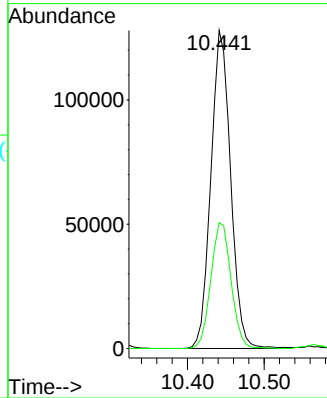
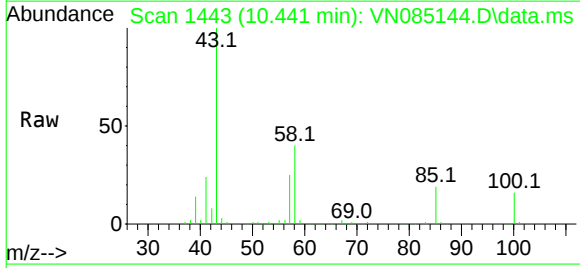
#51
4-Methyl-2-Pentanone
Concen: 111.838 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 43 Resp: 228689
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1

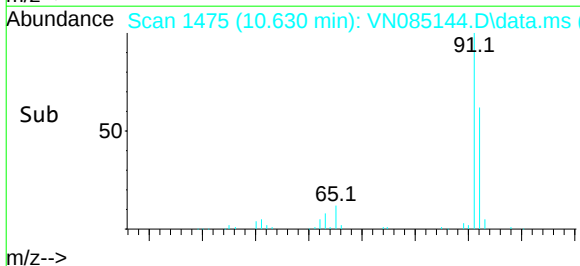
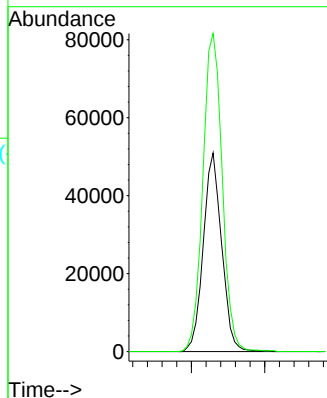
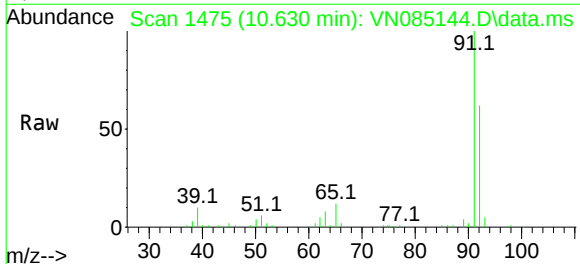
Manual Integrations
APPROVED

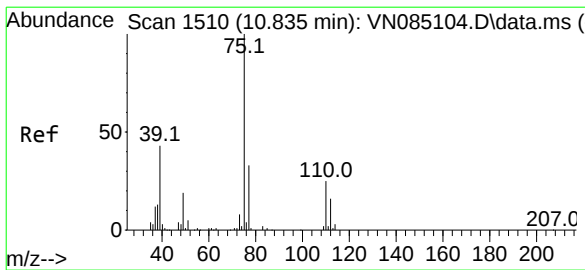
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#52
Toluene
Concen: 20.025 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 92 Resp: 88892
Ion Ratio Lower Upper
92 100
91 168.5 136.7 205.1





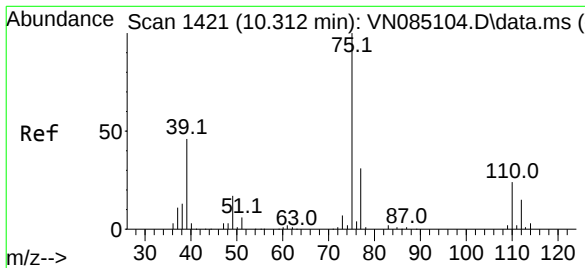
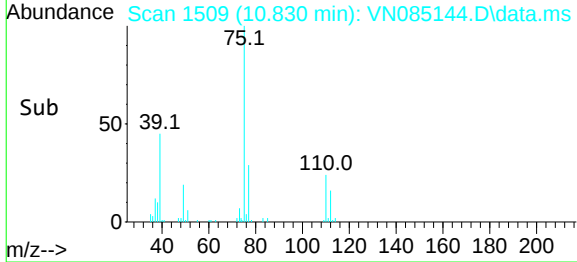
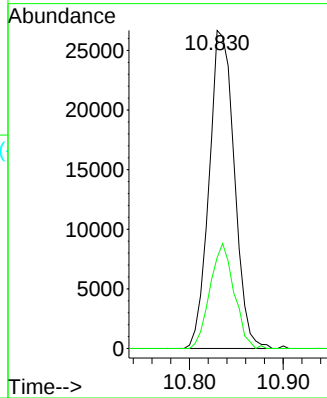
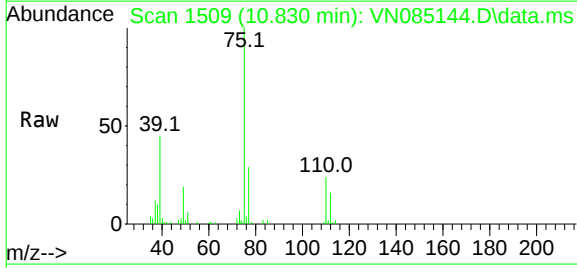
#53
t-1,3-Dichloropropene
Concen: 18.255 ug/l
RT: 10.830 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 75 Resp: 49777
Ion Ratio Lower Upper
75 100
77 28.6 25.0 37.4

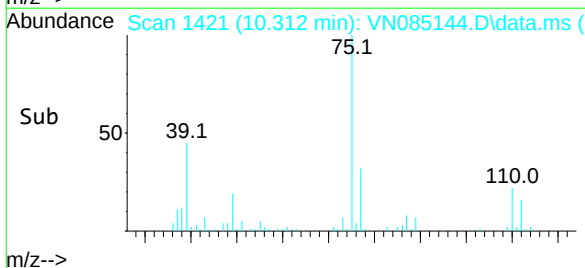
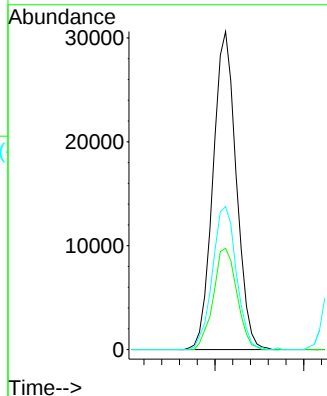
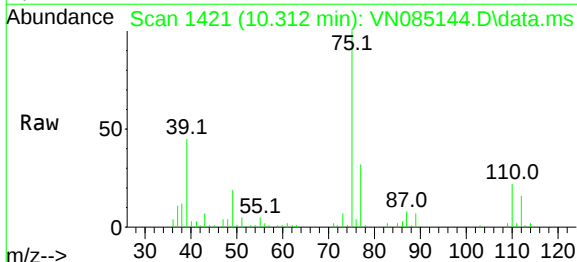
Manual Integrations
APPROVED

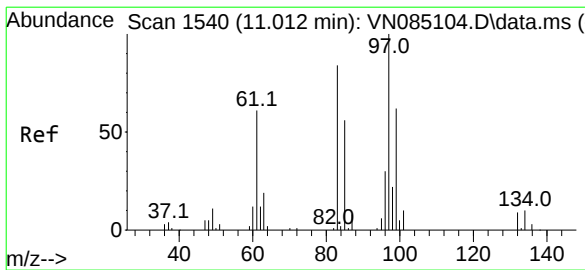
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#54
cis-1,3-Dichloropropene
Concen: 19.228 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

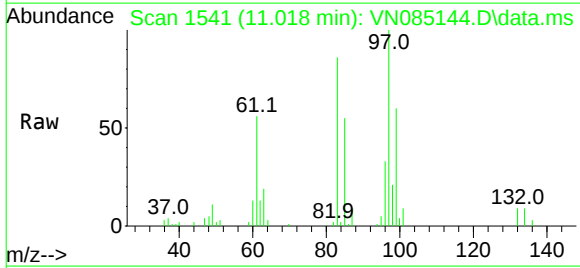
Tgt Ion: 75 Resp: 55624
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 44.9 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 20.727 ug/l
RT: 11.018 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

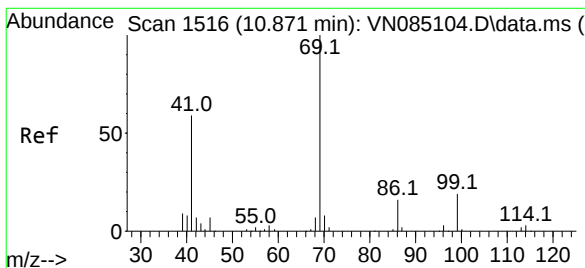
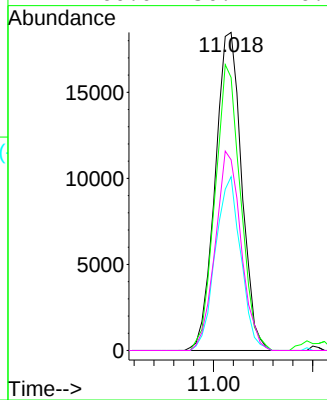
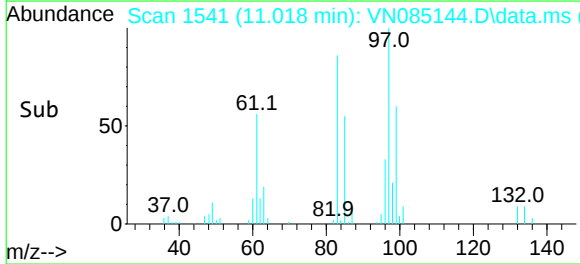
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



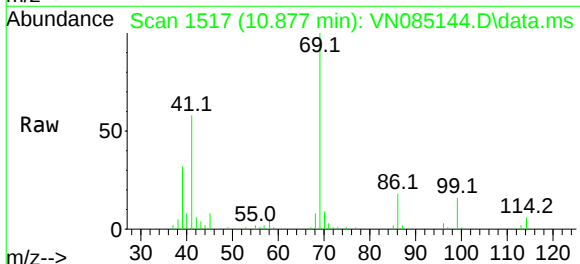
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.2
85	54.6	43.1	64.7
99	60.0	50.9	76.3

Manual Integrations
APPROVED

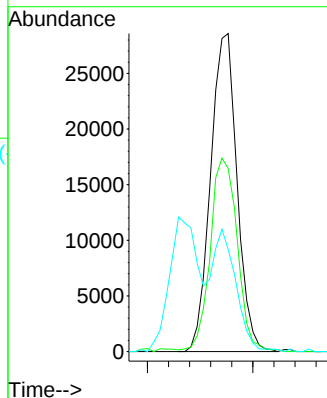
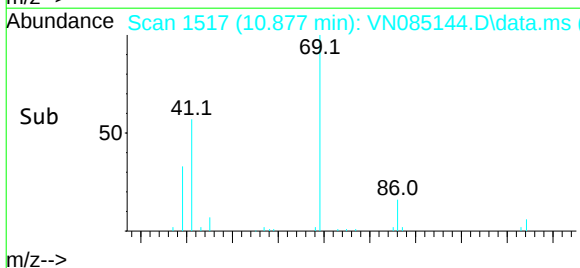
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

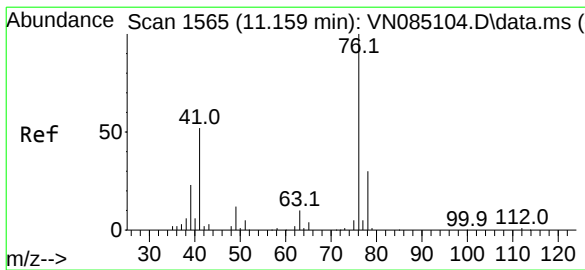


#56
Ethyl methacrylate
Concen: 20.617 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35



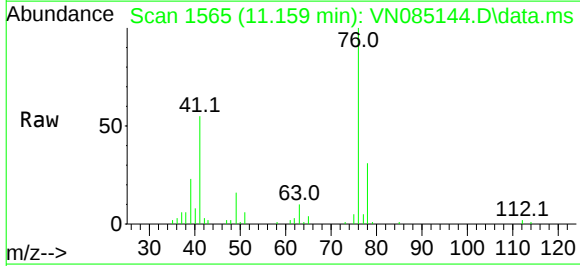
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	50.0	75.0
39	35.7	27.0	40.6





#57
1,3-Dichloropropane
Concen: 18.863 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

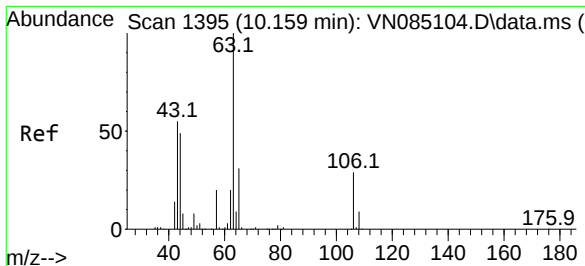
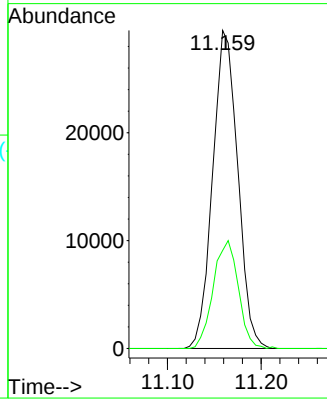
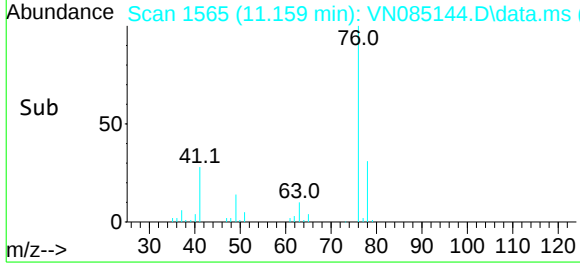
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 76 Resp: 54891
Ion Ratio Lower Upper
76 100
78 33.9 26.1 39.1

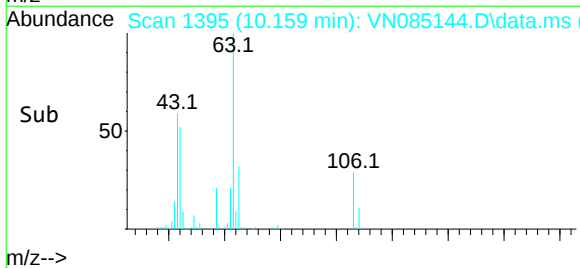
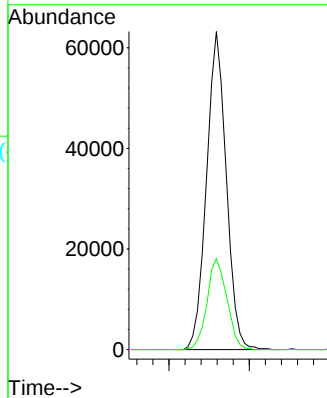
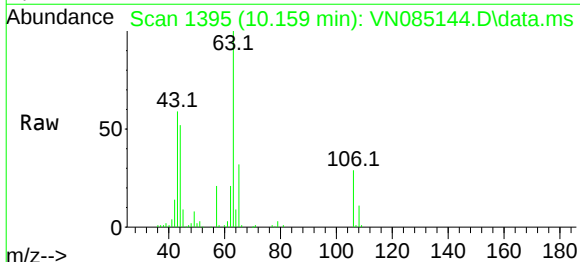
Manual Integrations
APPROVED

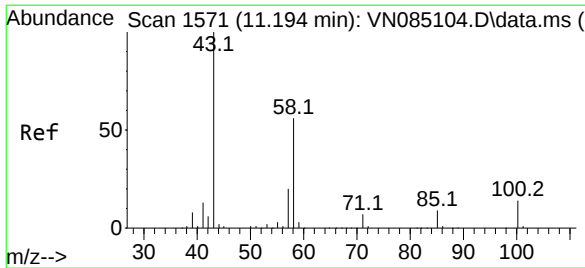
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 90.899 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 63 Resp: 107728
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





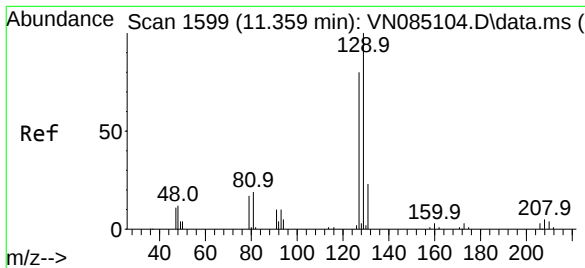
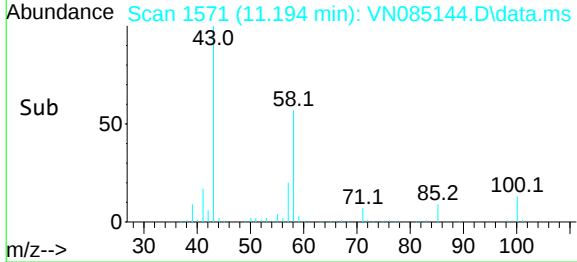
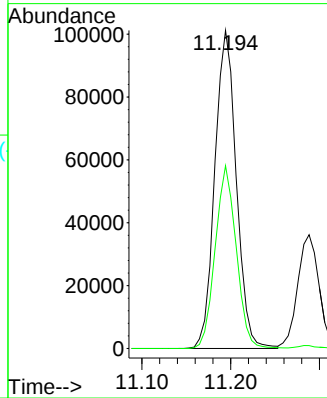
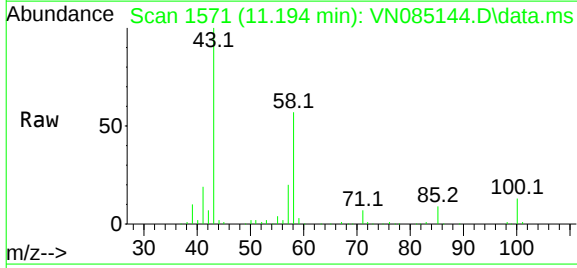
#59
2-Hexanone
Concen: 111.153 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 43 Resp: 169991
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

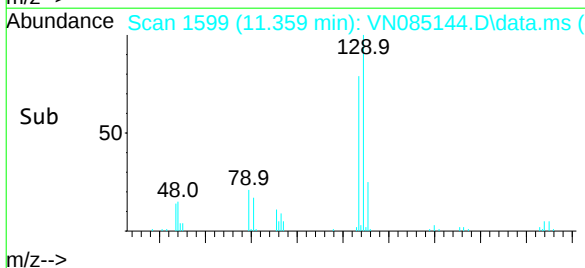
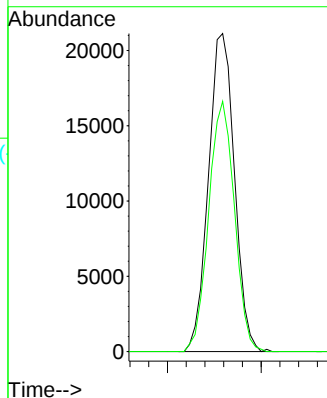
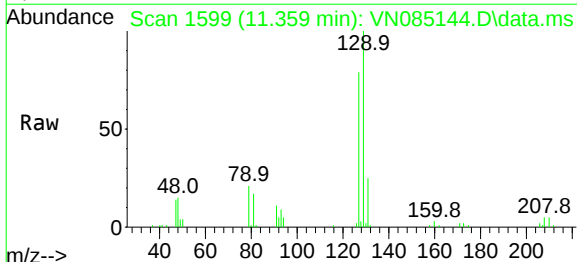
Manual Integrations
APPROVED

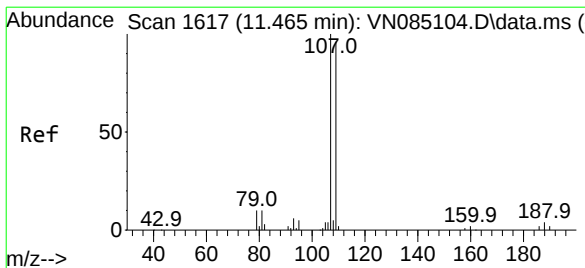
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 20.181 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

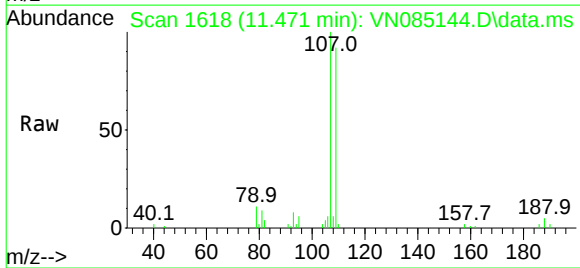
Tgt Ion:129 Resp: 40779
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.372 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

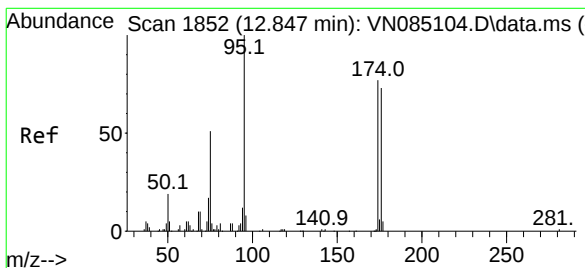
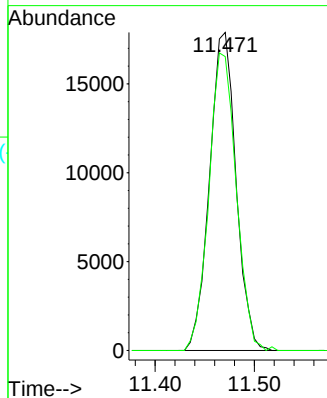
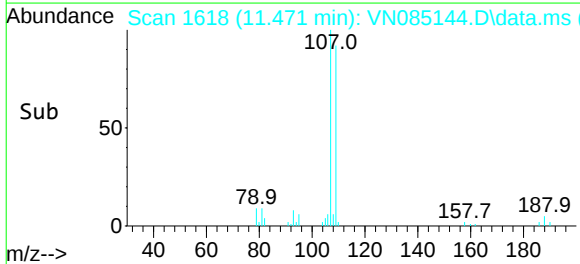
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 107 Resp: 33148
Ion Ratio Lower Upper
107 100
109 96.7 76.1 114.1

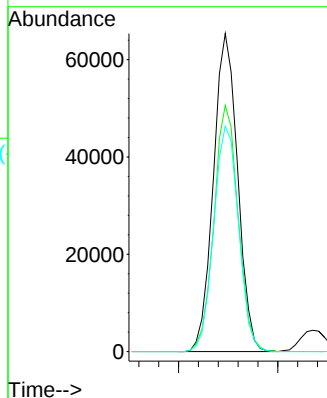
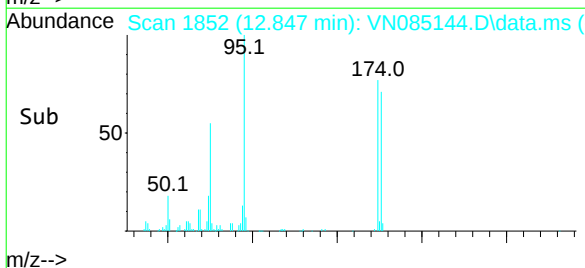
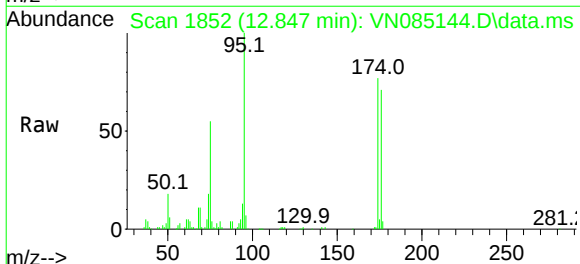
Manual Integrations
APPROVED

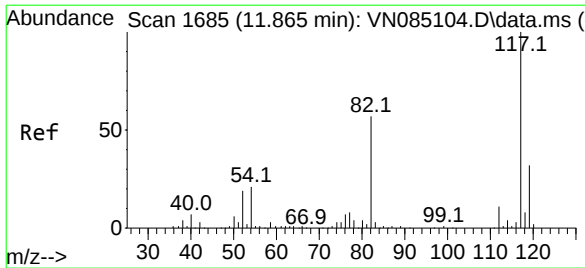
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 47.272 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 95 Resp: 110888
Ion Ratio Lower Upper
95 100
174 77.2 0.0 146.6
176 72.7 0.0 141.8





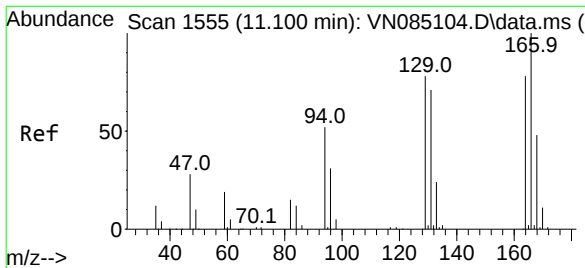
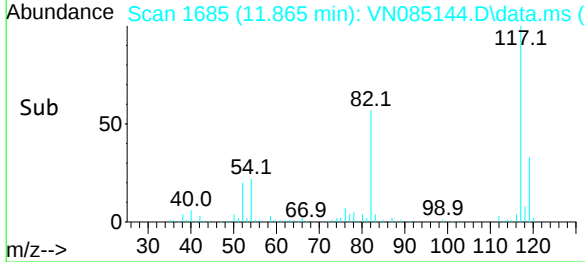
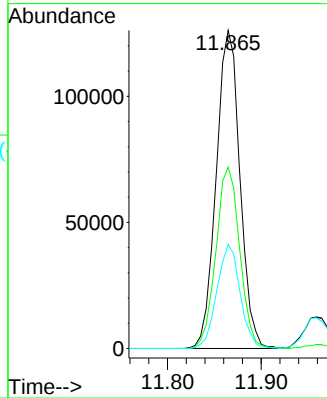
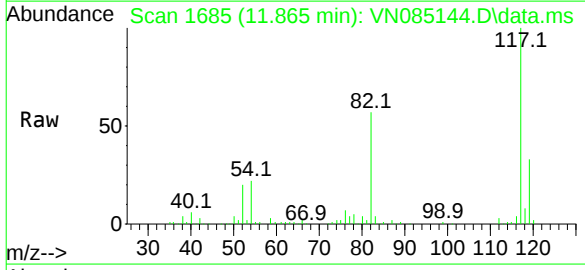
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:117 Resp: 222034
Ion Ratio Lower Upper
117 100
82 57.0 46.0 69.0
119 32.8 25.6 38.4

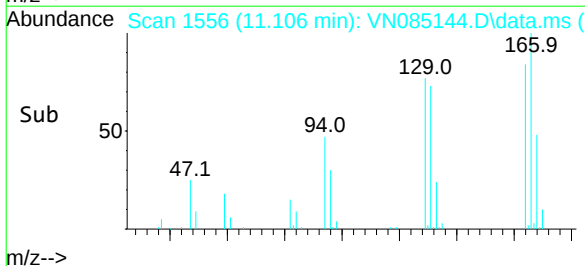
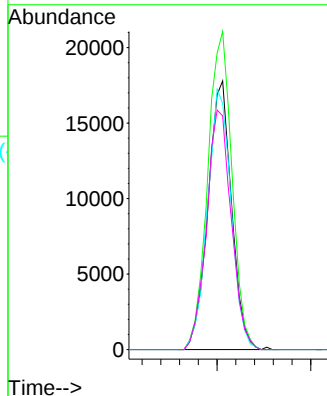
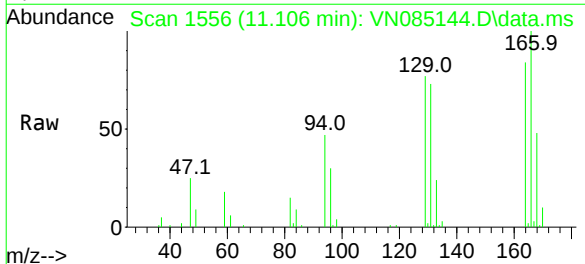
Manual Integrations
APPROVED

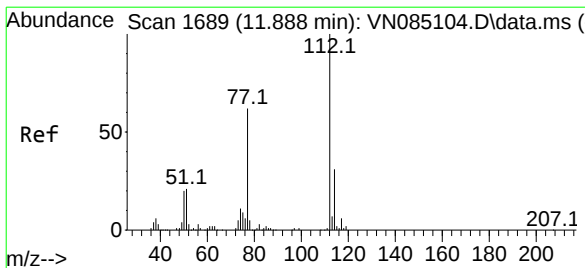
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#64
Tetrachloroethene
Concen: 20.769 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:164 Resp: 31073
Ion Ratio Lower Upper
164 100
166 118.4 100.6 151.0
129 91.6 77.7 116.5
131 87.0 77.2 115.8





#65

Chlorobenzene

Concen: 18.322 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion:112 Resp: 92261

Ion Ratio Lower Upper

112 100

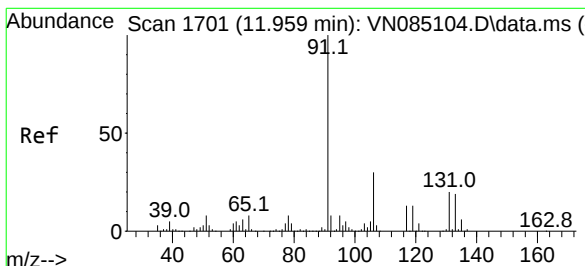
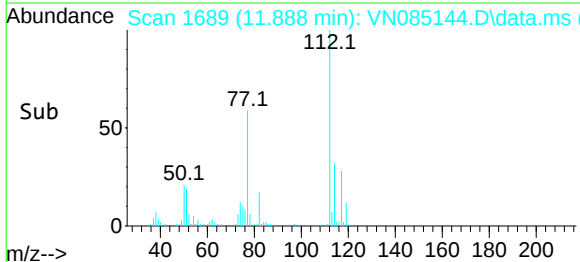
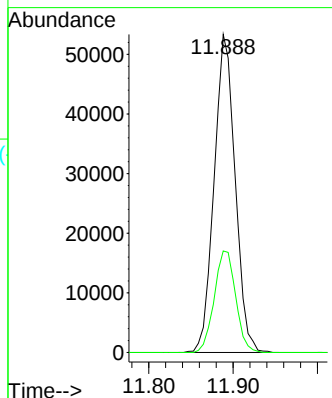
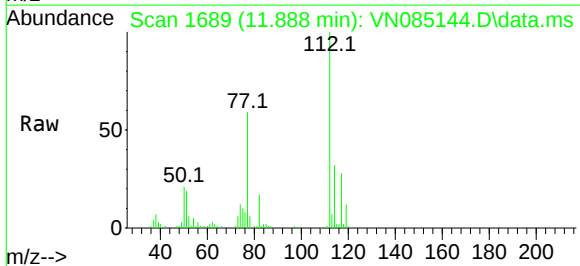
114 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.936 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

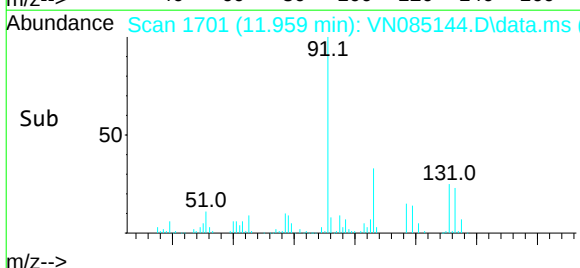
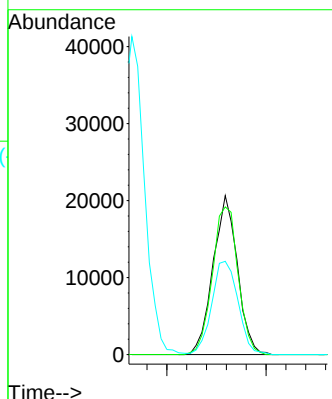
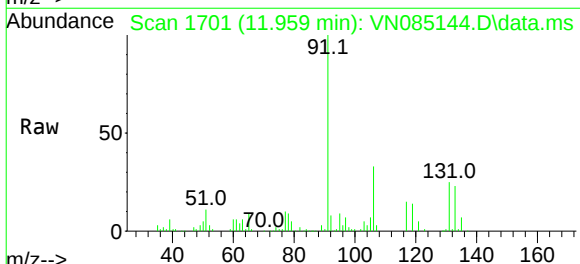
Tgt Ion:131 Resp: 35345

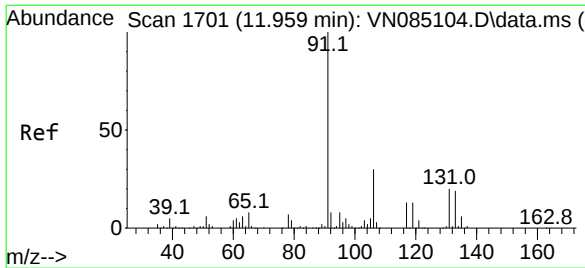
Ion Ratio Lower Upper

131 100

133 97.7 47.8 143.4

119 63.1 32.1 96.3





#67

Ethyl Benzene

Concen: 19.210 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 91 Resp: 156939

Ion Ratio Lower Upper

91 100

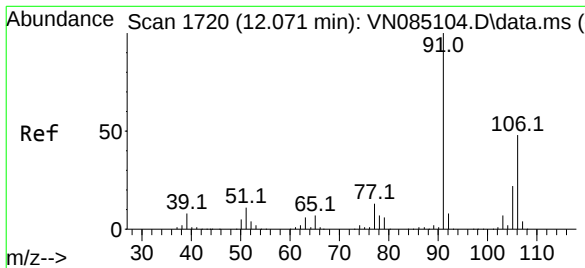
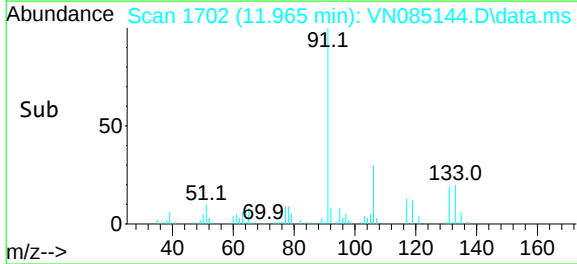
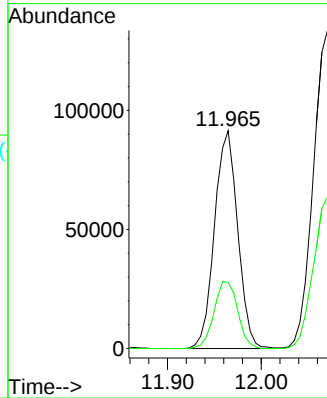
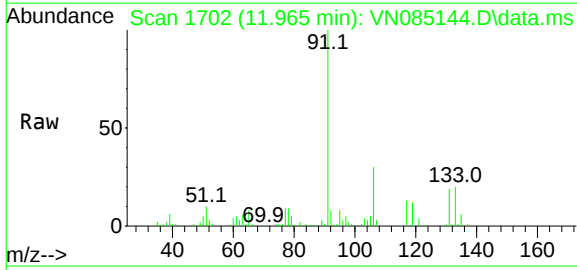
106 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#68

m/p-Xylenes

Concen: 38.938 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085144.D

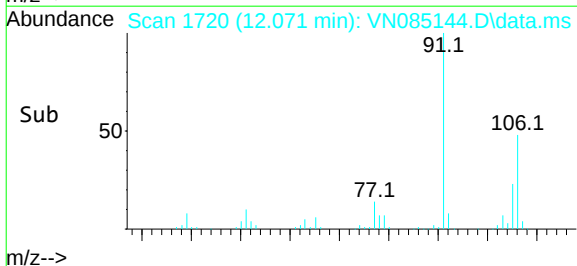
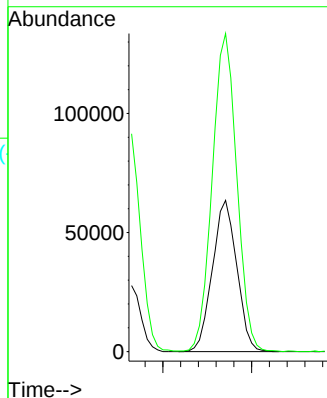
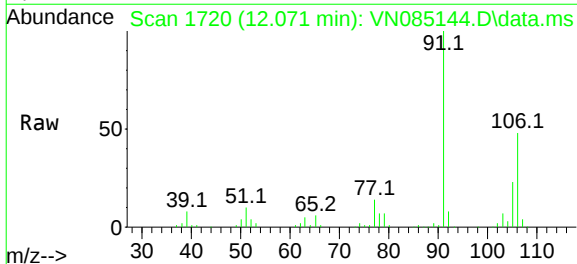
Acq: 09 Dec 2024 11:35

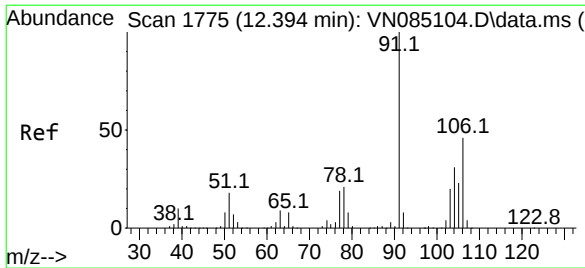
Tgt Ion:106 Resp: 121108

Ion Ratio Lower Upper

106 100

91 211.5 168.0 252.0





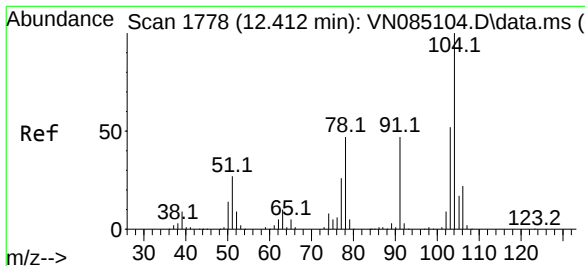
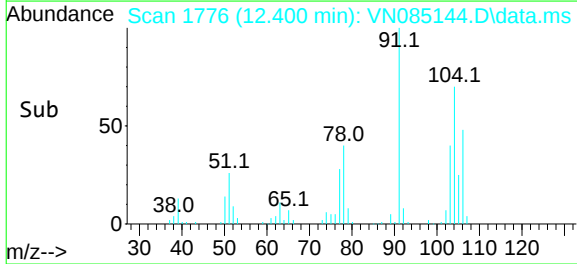
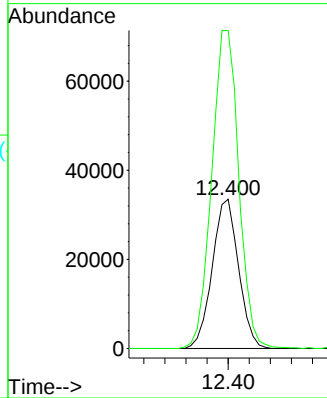
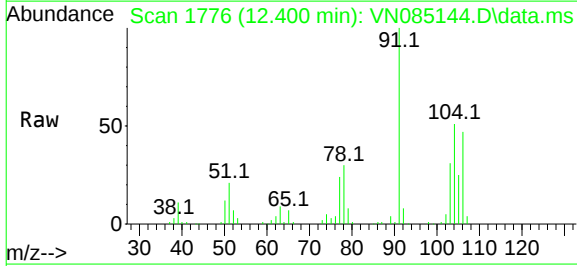
#69
o-Xylene
Concen: 19.599 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:106 Resp: 57985
Ion Ratio Lower Upper
106 100
91 219.2 110.7 331.9

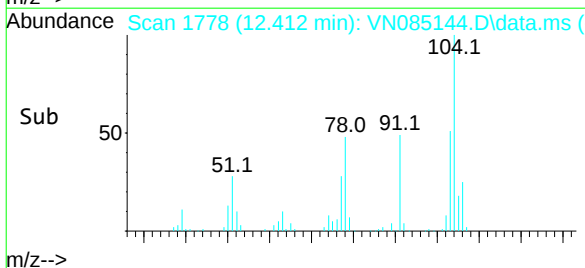
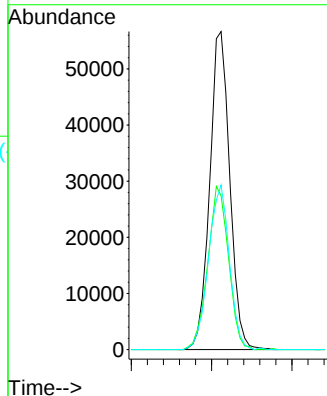
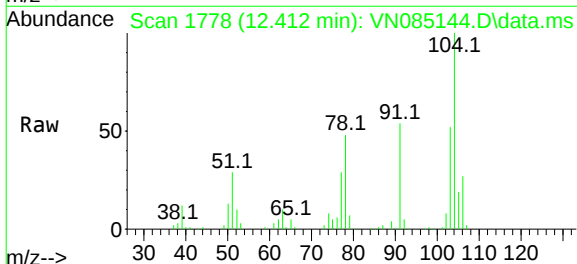
Manual Integrations
APPROVED

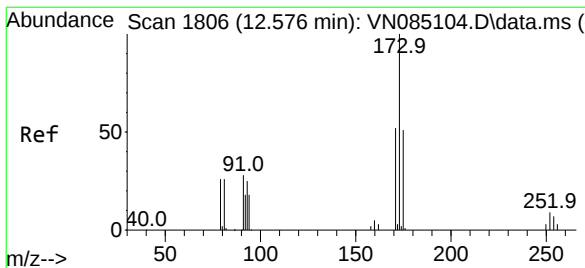
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 19.960 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:104 Resp: 98206
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 53.8 44.2 66.2





#71

Bromoform

Concen: 21.300 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

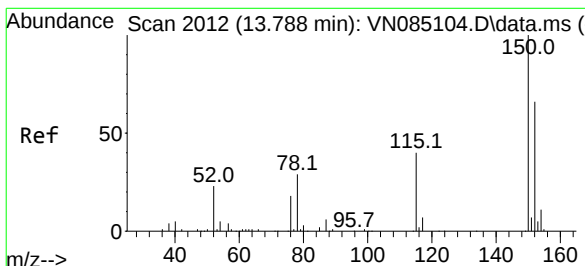
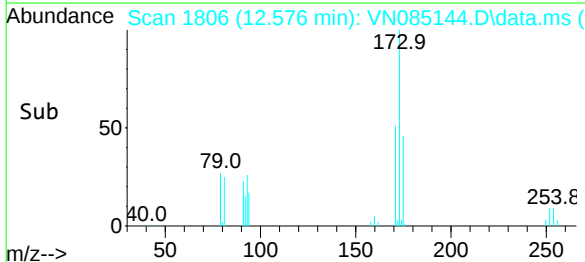
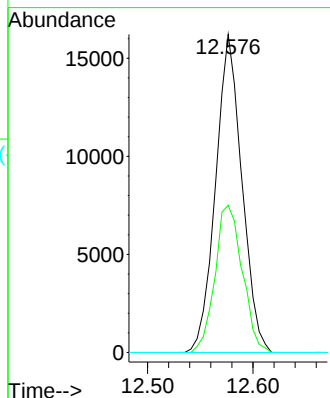
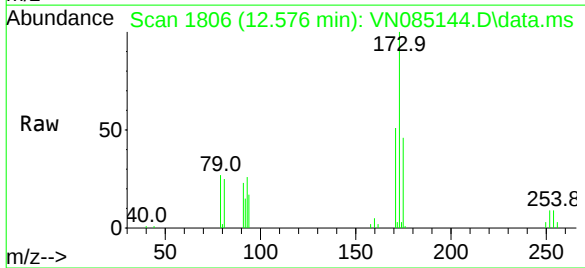
ClientSampleId :

VN1209WBS01

Tgt Ion:	173	Resp:	28031
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

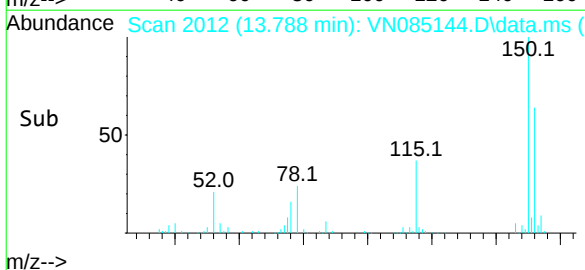
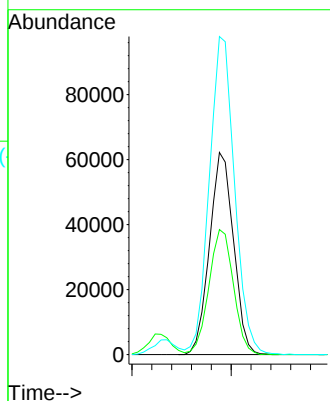
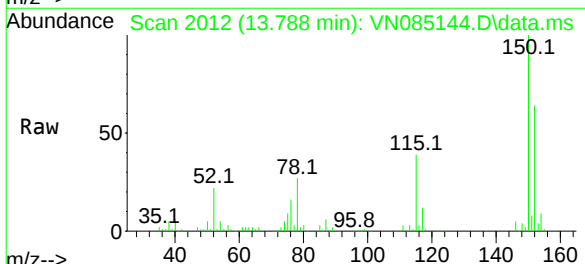
RT: 13.788 min Scan# 2012

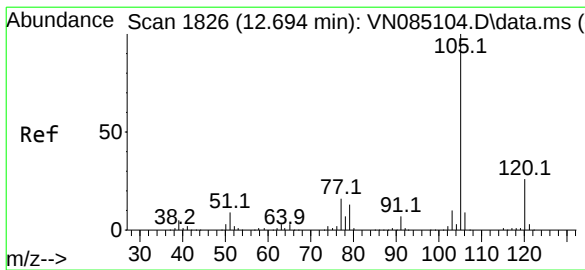
Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

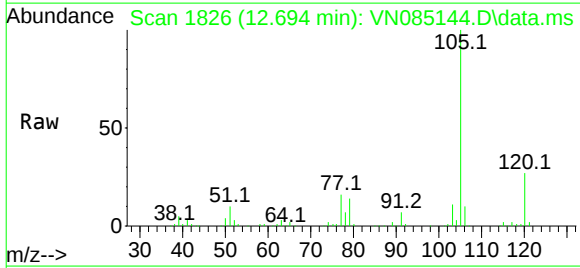
Tgt Ion:	152	Resp:	104600
Ion Ratio	Lower	Upper	
152	100		
115	63.2	31.7	95.1
150	165.7	0.0	351.4





#73
Isopropylbenzene
Concen: 19.995 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

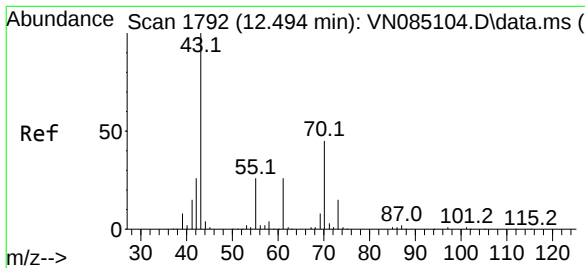
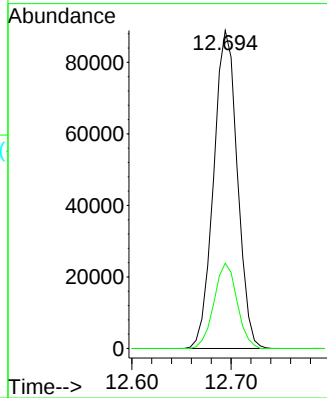
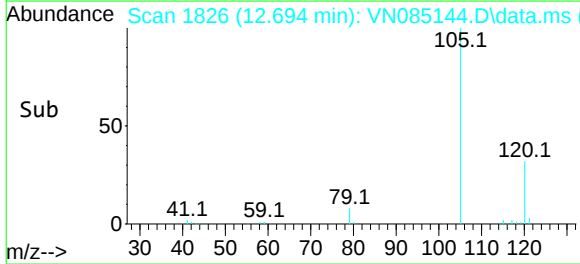
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 105 Resp: 147544
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

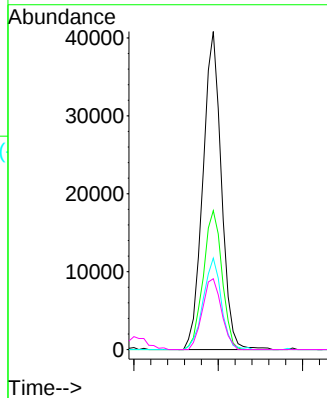
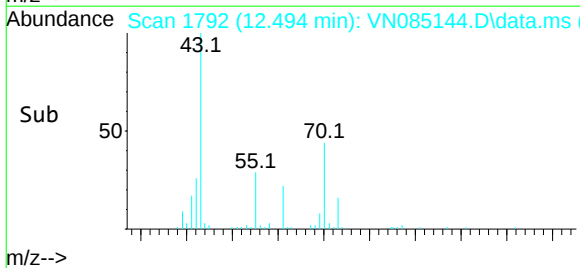
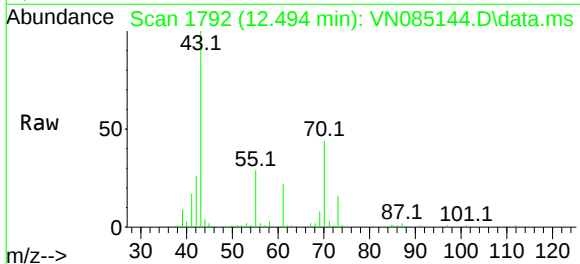
Manual Integrations
APPROVED

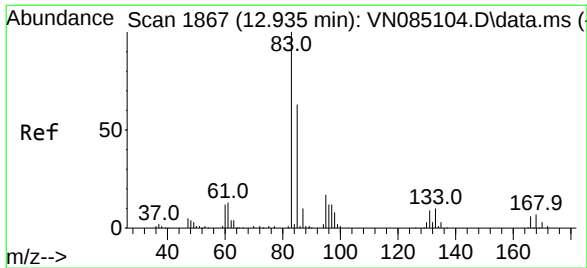
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#74
N-ethyl acetate
Concen: 20.417 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 43 Resp: 62083
Ion Ratio Lower Upper
43 100
70 44.2 34.6 51.8
55 28.2 20.5 30.7
61 23.1 19.6 29.4





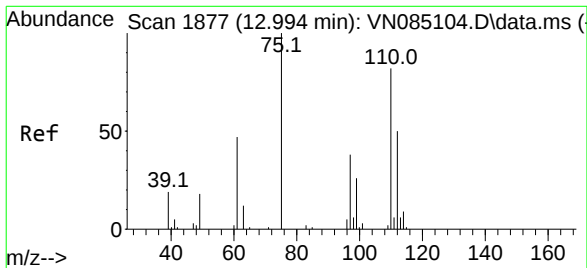
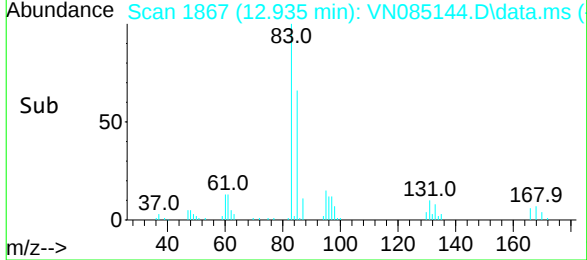
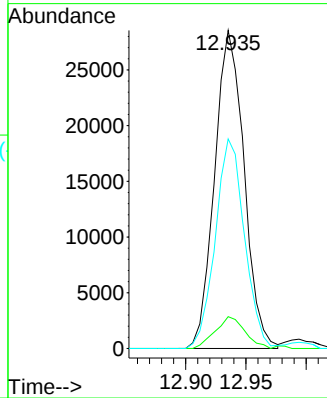
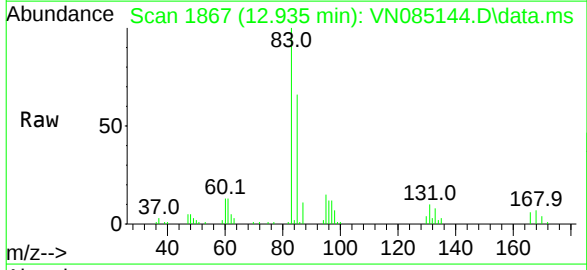
#75
1,1,2,2-Tetrachloroethane
Concen: 19.251 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:	83	Resp:	48508
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	65.2	32.1	96.3

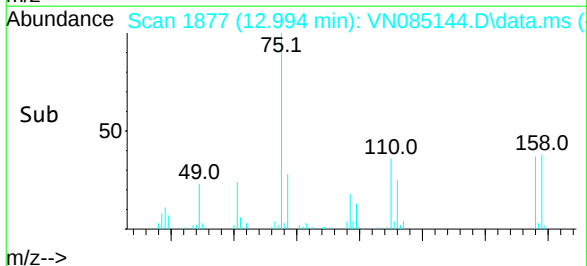
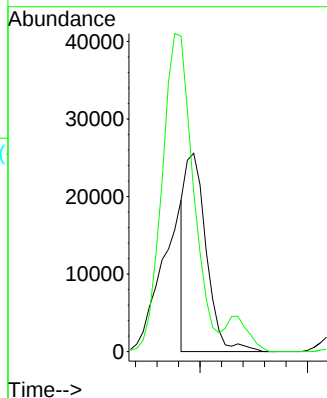
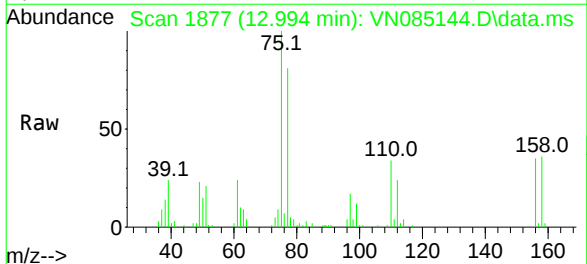
Manual Integrations
APPROVED

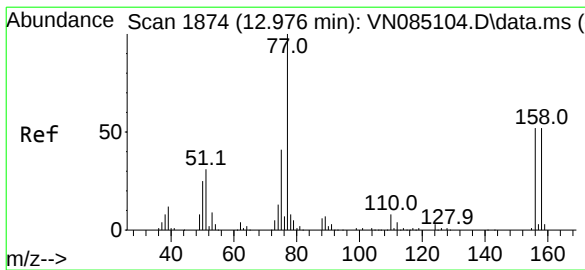
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#76
1,2,3-Trichloropropane
Concen: 18.216 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:	75	Resp:	34658
Ion	Ratio	Lower	Upper
75	100		
77	238.4	109.1	327.4





#77

Bromobenzene

Concen: 19.603 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

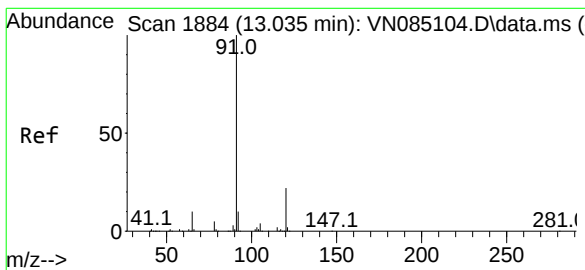
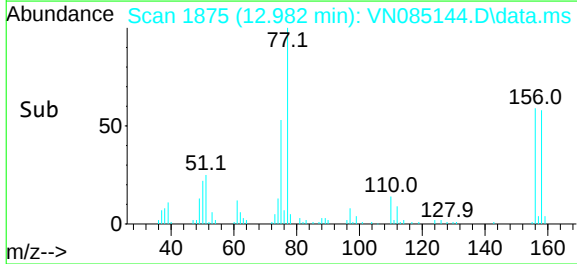
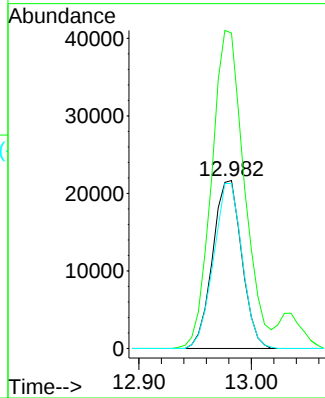
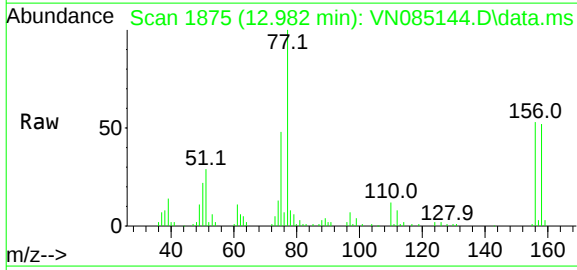
Tgt Ion:	156	Resp:	38928
Ion Ratio	Lower	Upper	
156	100		
77	212.2	107.2	321.6
158	96.7	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#78

n-propylbenzene

Concen: 20.808 ug/l

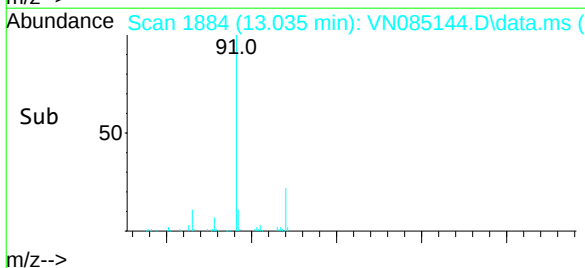
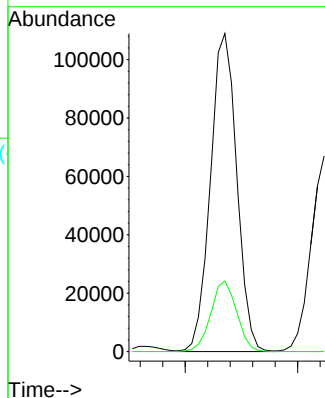
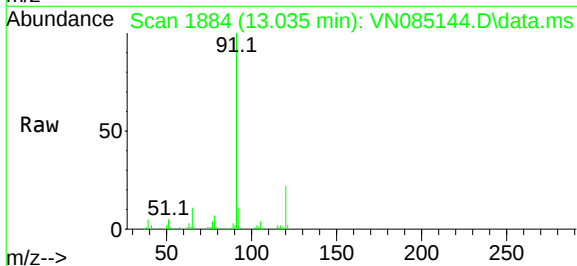
RT: 13.035 min Scan# 1884

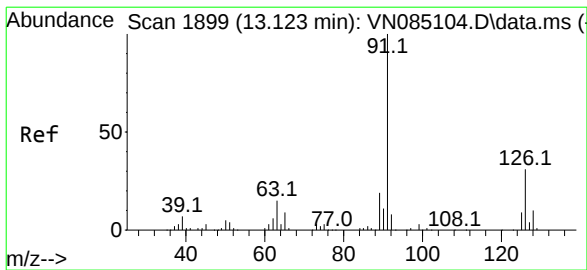
Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion:	91	Resp:	177101
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.3	33.9





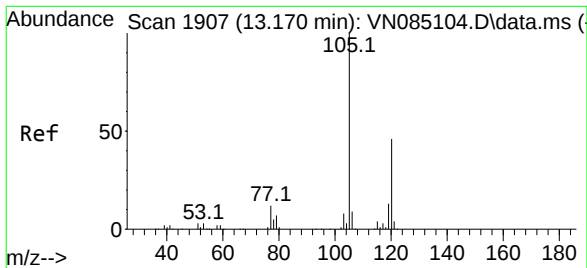
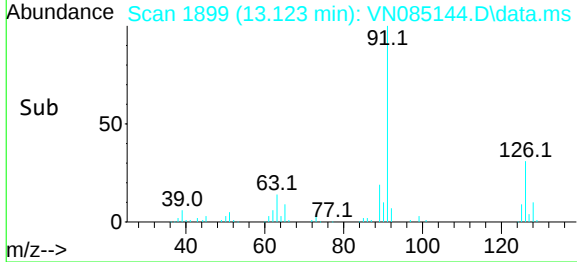
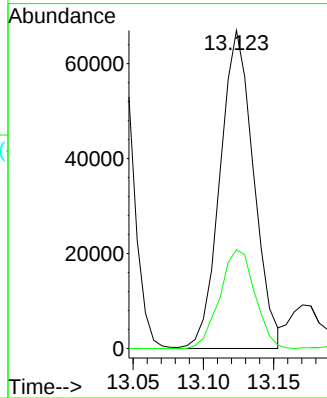
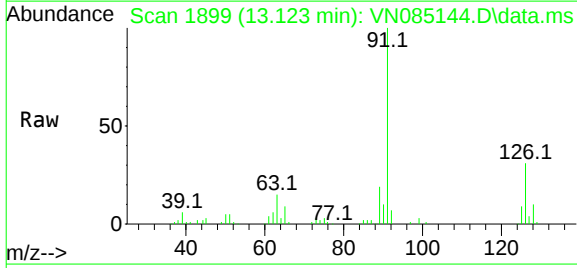
#79
2-Chlorotoluene
Concen: 19.552 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 91 Resp: 111085
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3

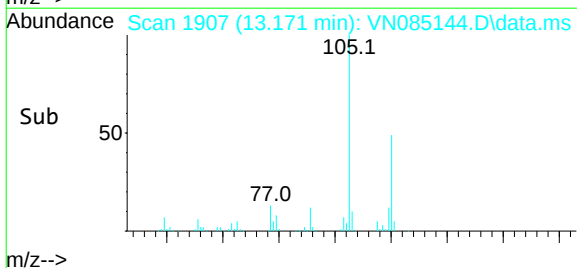
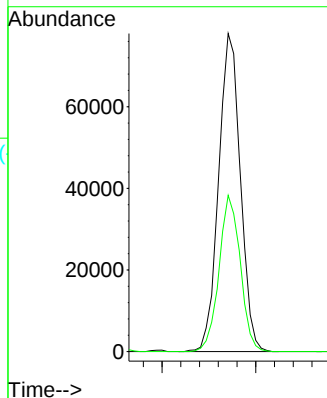
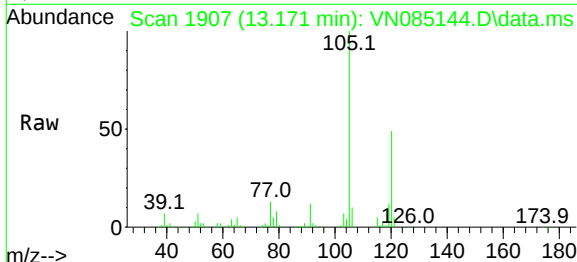
Manual Integrations
APPROVED

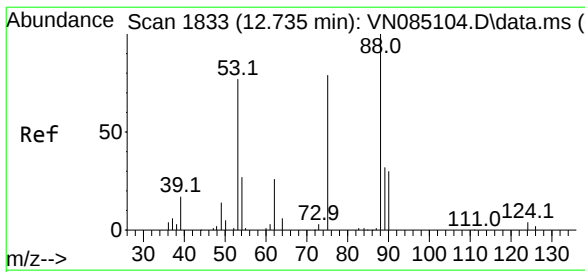
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.291 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

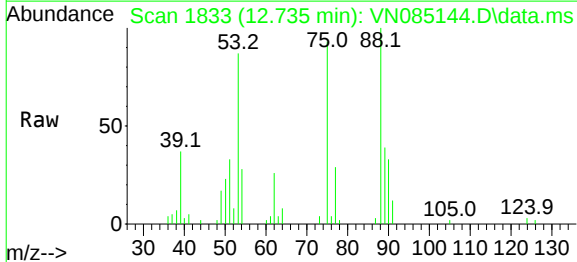
Tgt Ion:105 Resp: 125642
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.401 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

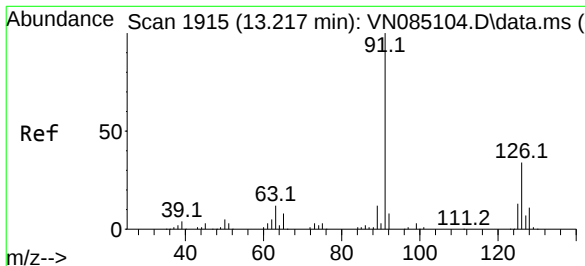
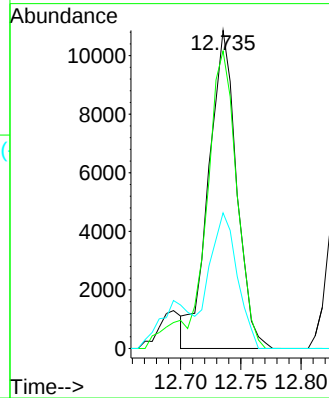
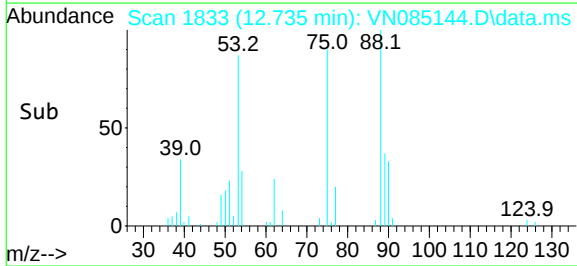
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 75 Resp: 17583
Ion Ratio Lower Upper
75 100
53 104.1 78.2 117.4
89 42.2 37.9 56.9

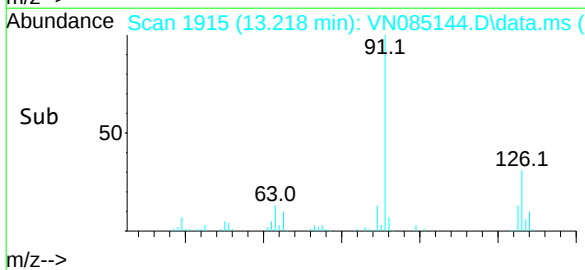
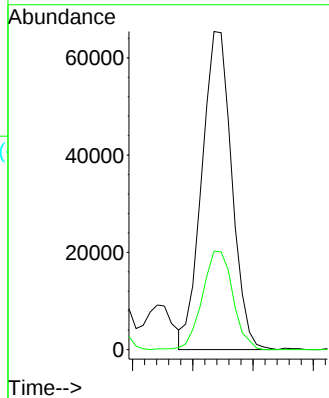
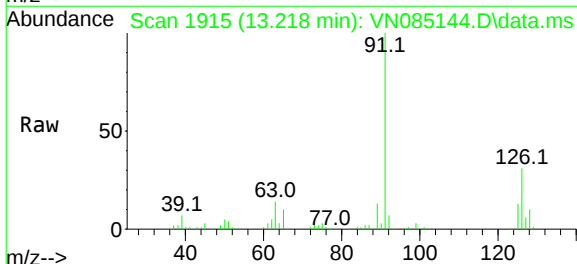
Manual Integrations
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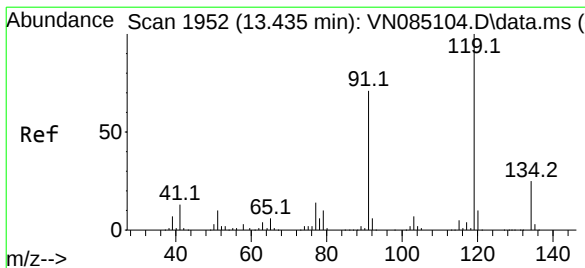
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 19.088 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion: 91 Resp: 112899
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3





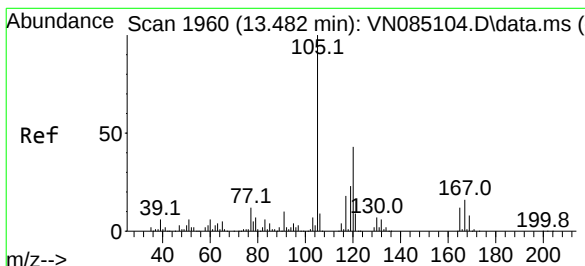
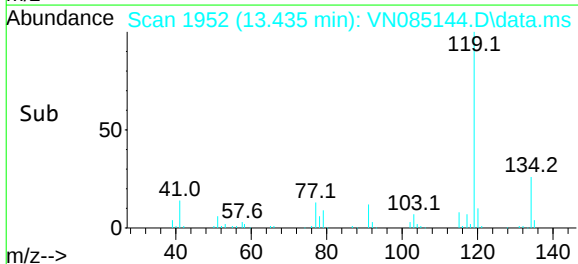
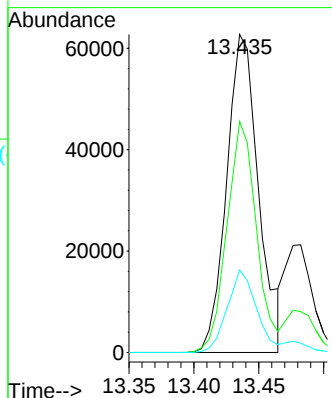
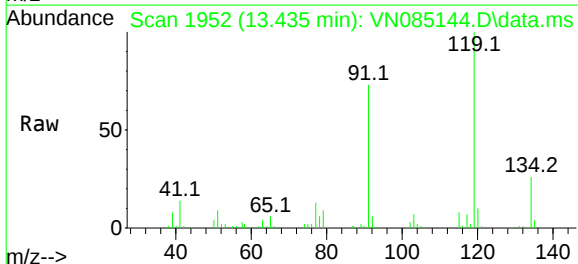
#83
tert-Butylbenzene
Concen: 20.191 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:119 Resp: 107573
Ion Ratio Lower Upper
119 100
91 67.0 35.1 105.5
134 23.7 12.1 36.3

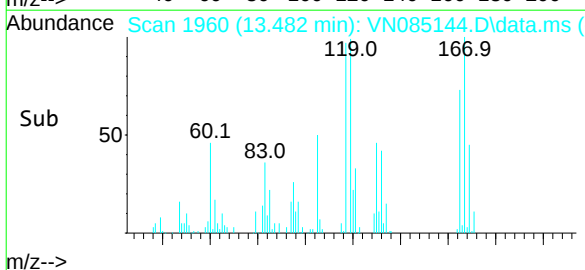
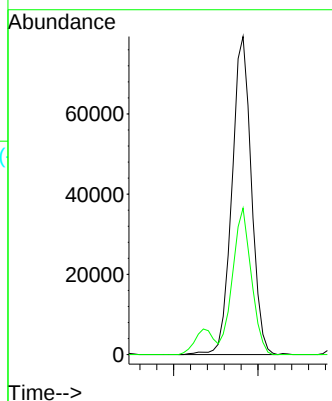
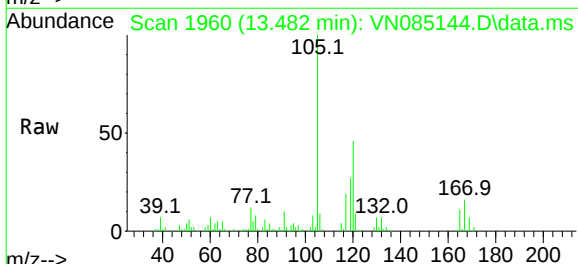
Manual Integrations
APPROVED

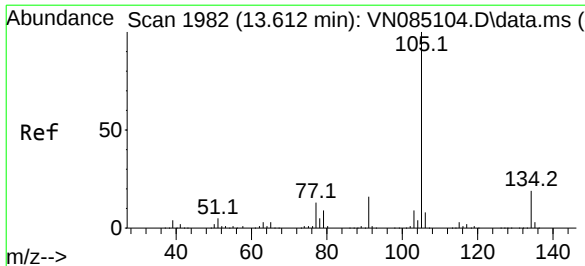
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.871 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:105 Resp: 126653
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.4





#85

sec-Butylbenzene

Concen: 20.537 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

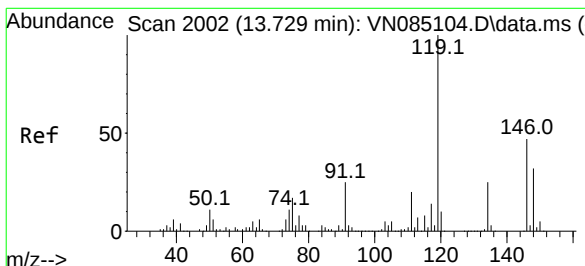
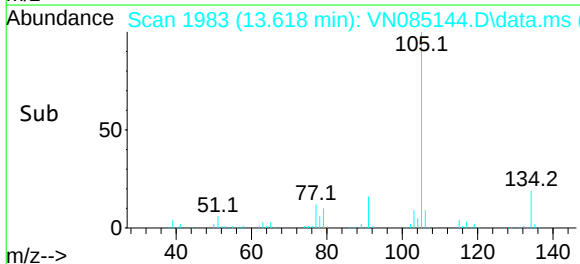
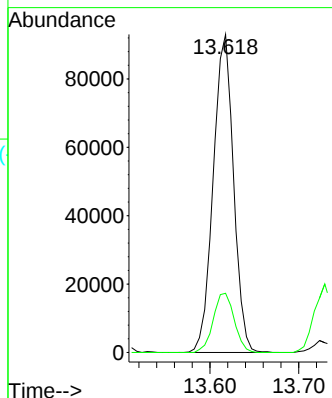
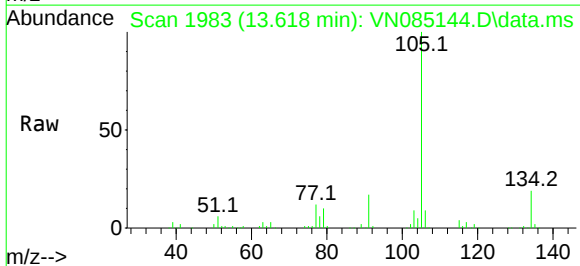
ClientSampleId :

VN1209WBS01

Tgt Ion:105 Resp: 147809
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#86

p-Isopropyltoluene

Concen: 20.331 ug/l

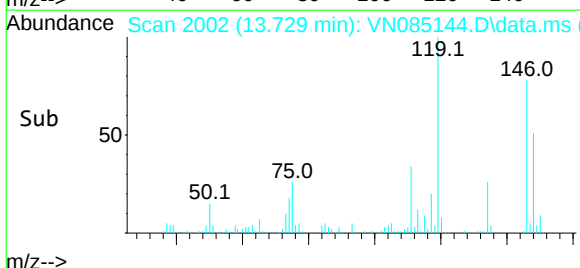
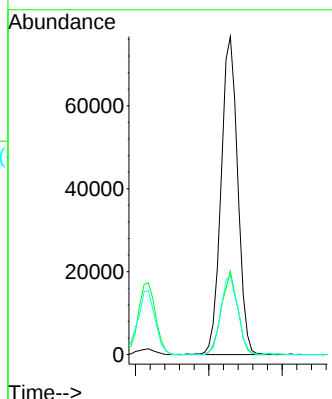
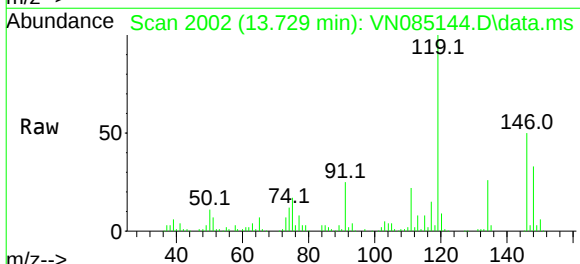
RT: 13.729 min Scan# 2002

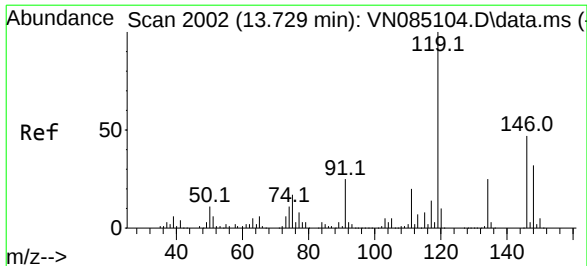
Delta R.T. 0.006 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

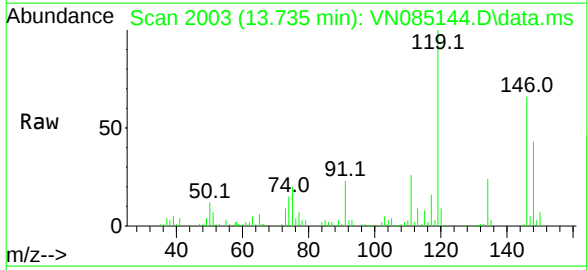
Tgt Ion:119 Resp: 120791
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 25.6 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 17.496 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

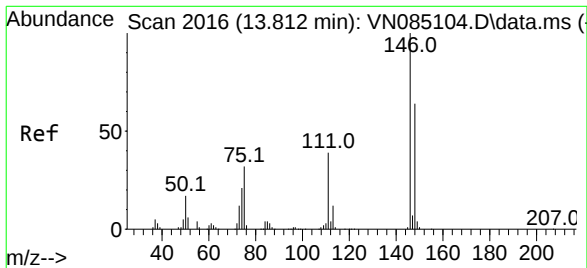
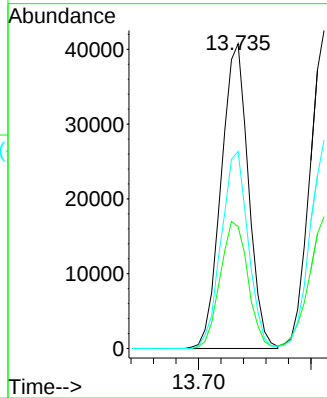
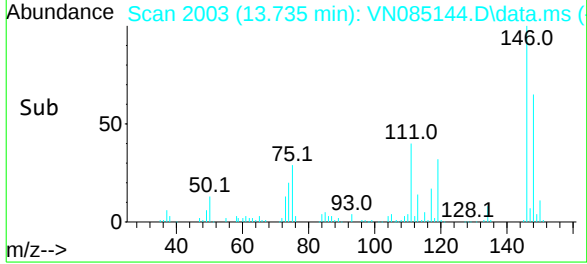
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	64.1	32.2	96.6

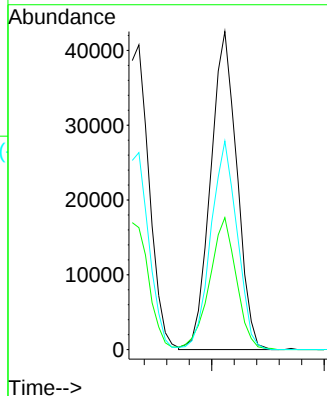
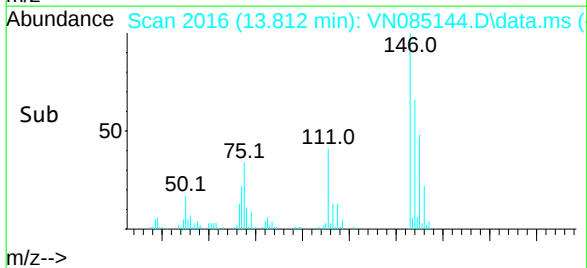
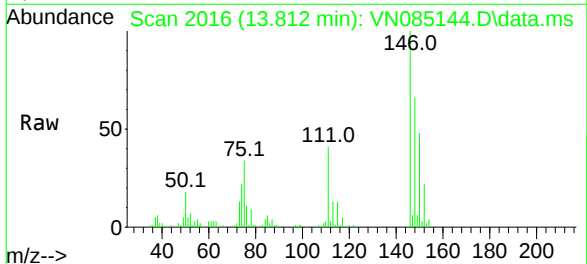
Manual Integrations
APPROVED

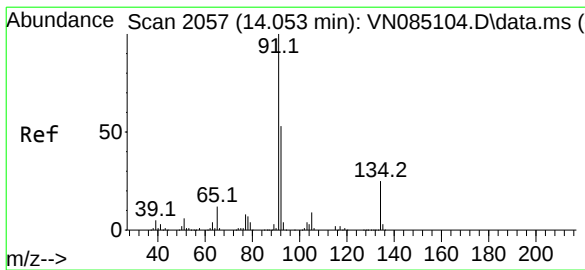
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#88
1,4-Dichlorobenzene
Concen: 17.319 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.8
148	65.5	31.3	93.9





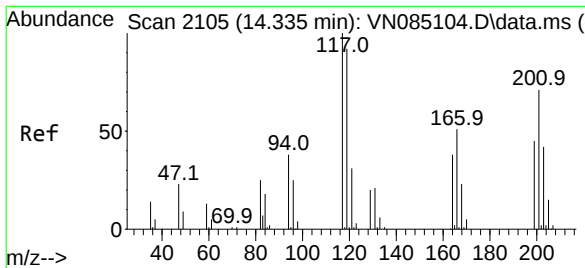
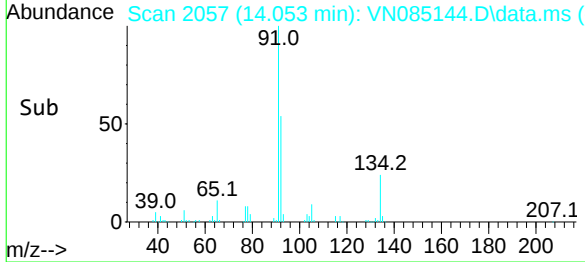
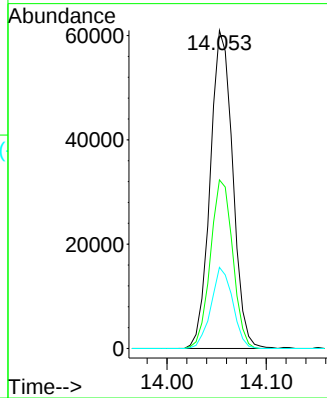
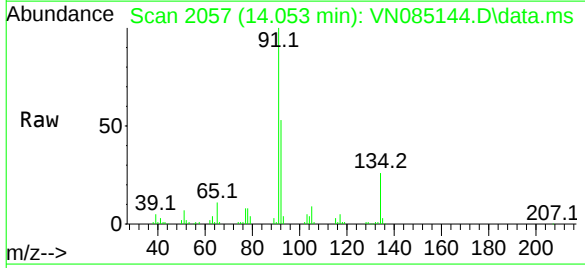
#89
n-Butylbenzene
Concen: 17.401 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:	91	Resp:	96140
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.3
134	24.6	12.8	38.4

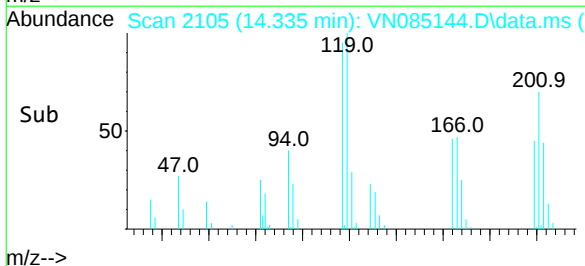
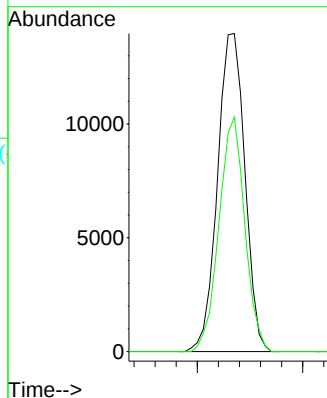
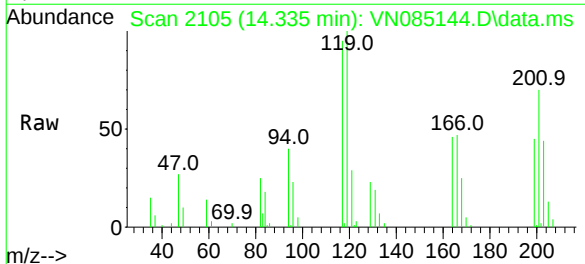
Manual Integrations
APPROVED

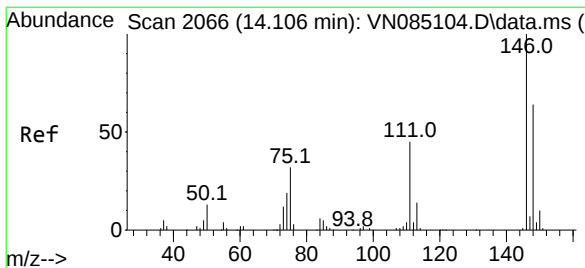
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 19.464 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085144.D
Acq: 09 Dec 2024 11:35

Tgt Ion:	117	Resp:	25206
Ion	Ratio	Lower	Upper
117	100		
201	69.6	35.2	105.6





#91

1,2-Dichlorobenzene

Concen: 17.412 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

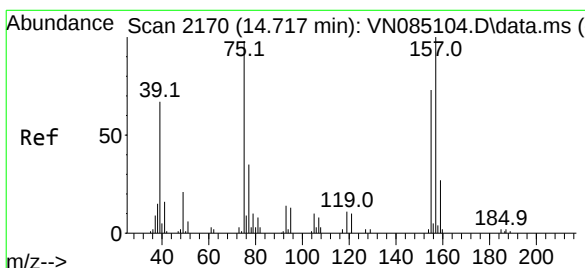
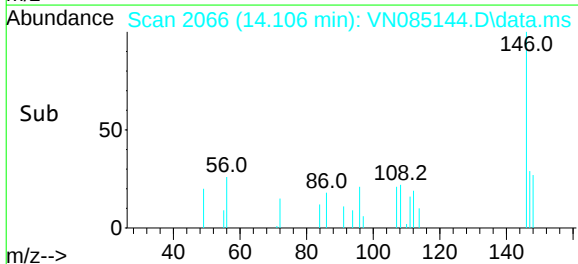
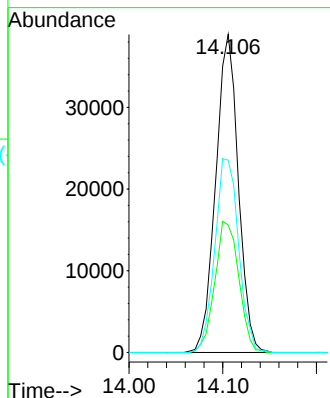
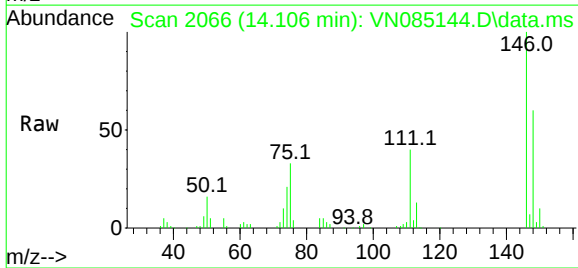
Tgt Ion:	146	Resp:	65350
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.9	65.8
148	64.2	31.1	93.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.338 ug/l

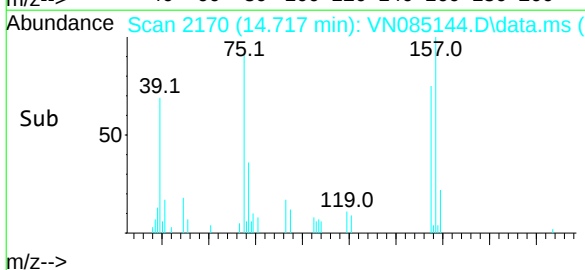
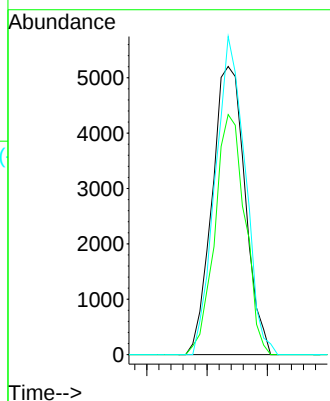
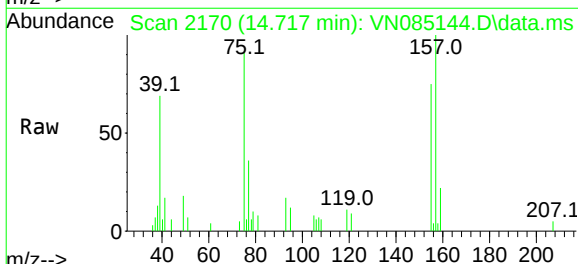
RT: 14.717 min Scan# 2170

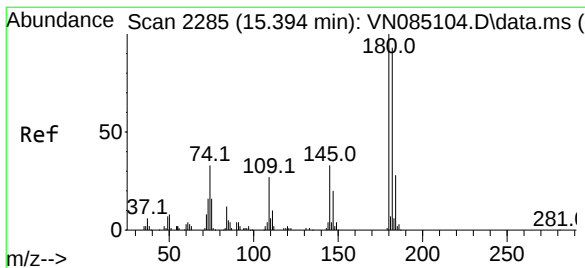
Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion:	75	Resp:	9910
Ion Ratio	Lower	Upper	
75	100		
155	76.0	38.9	116.7
157	99.8	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 15.840 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

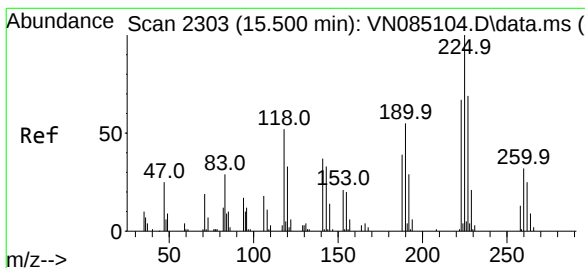
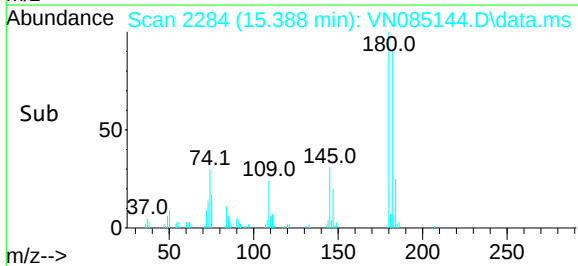
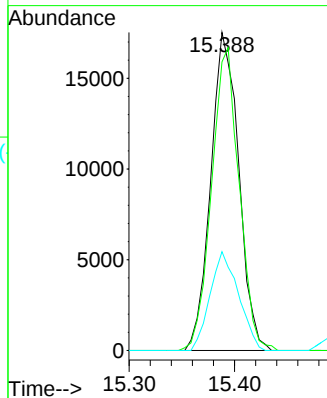
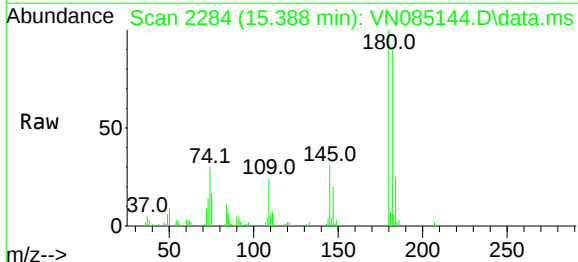
Tgt Ion:	180	Resp:	32298
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.9	140.8
145	31.6	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#94

Hexachlorobutadiene

Concen: 17.460 ug/l

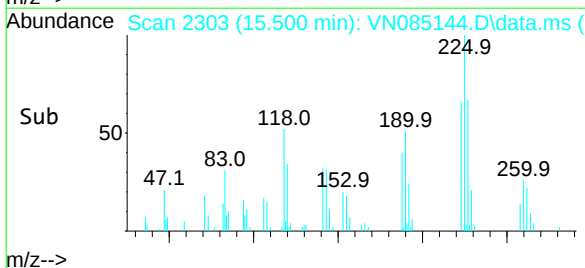
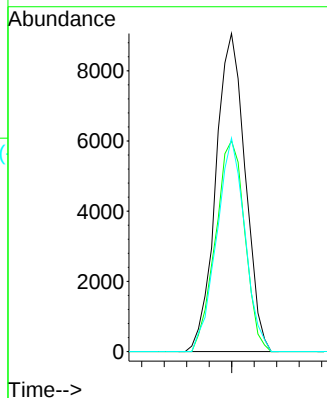
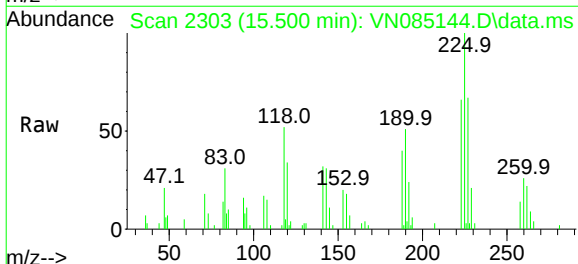
RT: 15.500 min Scan# 2303

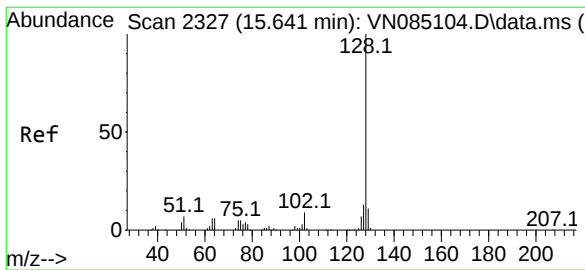
Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion:	225	Resp:	16431
Ion Ratio	Lower	Upper	
225	100		
223	66.0	30.9	92.8
227	64.5	31.5	94.5





#95

Naphthalene

Concen: 15.840 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

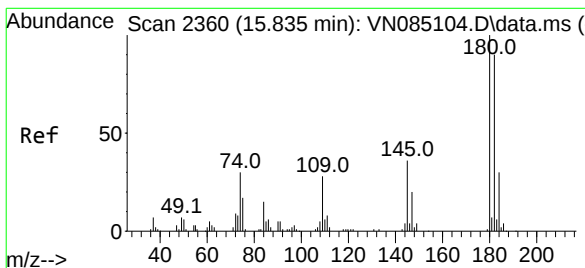
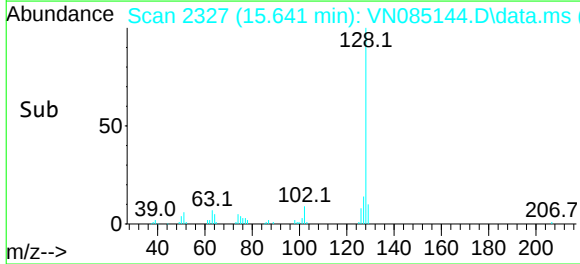
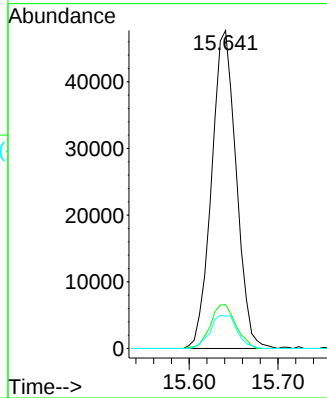
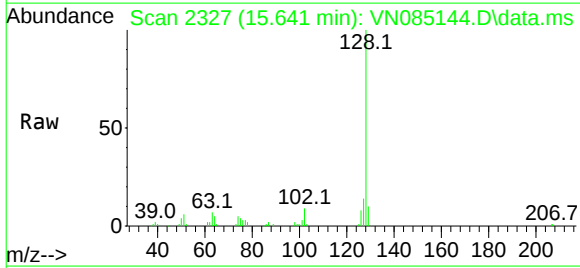
Tgt Ion:	128	Resp:	91989
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.6	16.0
129	11.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.282 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085144.D

Acq: 09 Dec 2024 11:35

Tgt Ion:	180	Resp:	31678
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.4	139.2
145	34.1	17.3	52.0

