

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085102.D
 Acq On : 04 Dec 2024 18:25
 Operator : JC\MD
 Sample : P5088-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UNIT-51-RS-SW001-01MS

Quant Time: Dec 04 22:11:38 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 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115049	51.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.020%
35) Dibromofluoromethane	8.165	113	94835	54.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.360%
50) Toluene-d8	10.565	98	329967	52.601	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.847	95	124403	53.030	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77956	43.543	ug/l	100
3) Chloromethane	2.359	50	74298	35.780	ug/l	98
4) Vinyl Chloride	2.512	62	79227	42.456	ug/l	98
5) Bromomethane	2.948	94	45215	43.229	ug/l	95
6) Chloroethane	3.118	64	50770	40.364	ug/l	99
7) Trichlorofluoromethane	3.495	101	151627	47.765	ug/l	98
8) Diethyl Ether	3.959	74	54163	50.131	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	87259	48.466	ug/l	99
10) Methyl Iodide	4.589	142	101995	42.798	ug/l	94
11) Tert butyl alcohol	5.518	59	93779	311.163	ug/l	97
12) 1,1-Dichloroethene	4.342	96	78625	46.786	ug/l	96
13) Acrolein	4.177	56	65093	323.679	ug/l	98
14) Allyl chloride	5.024	41	117244	41.385	ug/l	91
15) Acrylonitrile	5.718	53	239216	280.355	ug/l	99
16) Acetone	4.424	43	192040	292.371	ug/l	99
17) Carbon Disulfide	4.712	76	176722	35.627	ug/l	99
18) Methyl Acetate	5.024	43	119714	57.188	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	295529	53.822	ug/l	100
20) Methylene Chloride	5.277	84	93490	46.644	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	80016	45.246	ug/l	87
22) Diisopropyl ether	6.671	45	293076	51.400	ug/l	97
23) Vinyl Acetate	6.600	43	1167488	296.797	ug/l	99
24) 1,1-Dichloroethane	6.565	63	167960	49.224	ug/l	100
25) 2-Butanone	7.477	43	307229	286.094	ug/l	99
26) 2,2-Dichloropropane	7.483	77	151987	47.702	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	106641	50.020	ug/l	99
28) Bromochloromethane	7.812	49	62599	48.600	ug/l	95
29) Tetrahydrofuran	7.835	42	198029	296.536	ug/l	99
30) Chloroform	7.965	83	180604	49.758	ug/l	98
31) Cyclohexane	8.253	56	125878	41.900	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	164481	50.148	ug/l	99
36) 1,1-Dichloropropene	8.365	75	112837	47.592	ug/l	98
37) Ethyl Acetate	7.559	43	121044	56.158	ug/l	99
38) Carbon Tetrachloride	8.359	117	142809	52.182	ug/l	98
39) Methylcyclohexane	9.600	83	117448	47.671	ug/l	95
40) Benzene	8.606	78	370783	49.446	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	67431	56.503	ug/l	95
42) 1,2-Dichloroethane	8.665	62	130846	51.004	ug/l	99
43) Isopropyl Acetate	8.688	43	220545	49.260	ug/l	99
44) Trichloroethene	9.347	130	87931	50.457	ug/l	98
45) 1,2-Dichloropropane	9.618	63	94150	50.976	ug/l	94
46) Dibromomethane	9.706	93	66500	51.816	ug/l	99
47) Bromodichloromethane	9.882	83	143787	52.862	ug/l	96
48) Methyl methacrylate	9.677	41	98381	59.050	ug/l	99
49) 1,4-Dioxane	9.694	88	36805	1273.861	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	650442	318.069	ug/l	99
52) Toluene	10.629	92	228403	51.451	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	145092	53.206	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149292	51.604	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	93428	56.502	ug/l	98
56) Ethyl methacrylate	10.871	69	151468	62.688	ug/l	99
57) 1,3-Dichloropropane	11.159	76	158297	54.394	ug/l	99
59) 2-Hexanone	11.194	43	481124	314.575	ug/l	100
60) Dibromochloromethane	11.359	129	112107	55.475	ug/l	99
61) 1,2-Dibromoethane	11.465	107	92539	54.076	ug/l	99
64) Tetrachloroethene	11.100	164	72675	47.487	ug/l	97
65) Chlorobenzene	11.888	112	253651	49.244	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	100426	55.375	ug/l	97
67) Ethyl Benzene	11.959	91	450515	53.910	ug/l	98
68) m/p-Xylenes	12.070	106	344075	108.147	ug/l	100
69) o-Xylene	12.394	106	165964	54.838	ug/l	99
70) Styrene	12.406	104	291395	57.898	ug/l	99
71) Bromoform	12.576	173	77662	57.690	ug/l #	99
73) Isopropylbenzene	12.694	105	432013	53.578	ug/l	100
74) N-amyl acetate	12.494	43	187182	56.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	138912	50.451	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	109670m	52.752	ug/l	
77) Bromobenzene	12.976	156	105735	48.729	ug/l	97
78) n-propylbenzene	13.035	91	506198	54.429	ug/l	99
79) 2-Chlorotoluene	13.123	91	317665	51.168	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	374700	55.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54239	57.594	ug/l	96
82) 4-Chlorotoluene	13.217	91	320743	49.628	ug/l	100
83) tert-Butylbenzene	13.435	119	311362	53.484	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	373367	53.609	ug/l	99
85) sec-Butylbenzene	13.612	105	426840	54.276	ug/l	99
86) p-Isopropyltoluene	13.729	119	364257	56.110	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	196167	45.835	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	195543	44.771	ug/l	98
89) n-Butylbenzene	14.053	91	295269	48.908	ug/l	99
90) Hexachloroethane	14.335	117	70773	50.014	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	189519	46.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27199	51.085	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	93438	41.937	ug/l	99
94) Hexachlorobutadiene	15.500	225	42485	41.317	ug/l	97
95) Naphthalene	15.641	128	304865	48.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92423	43.474	ug/l	98

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

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

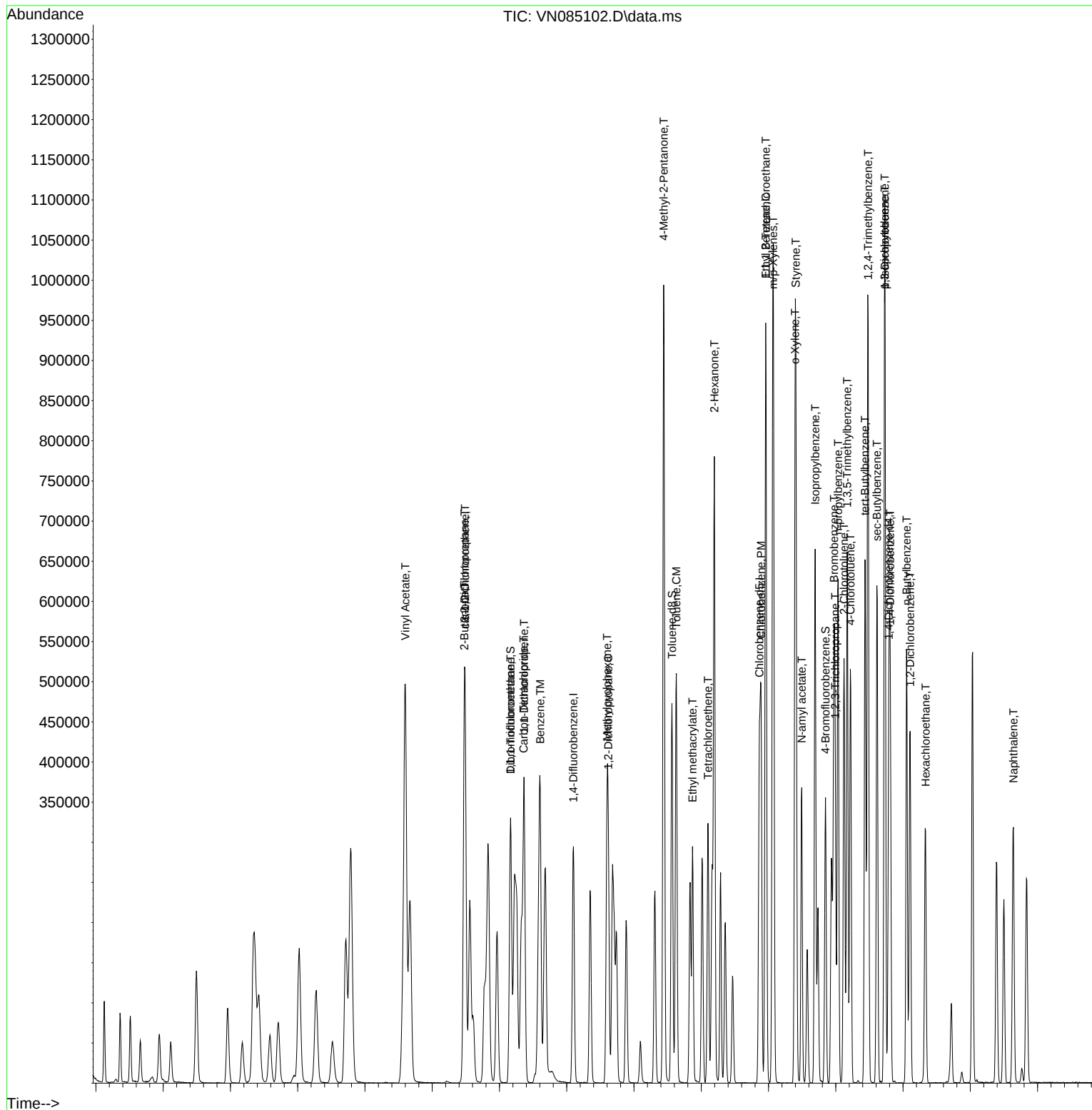
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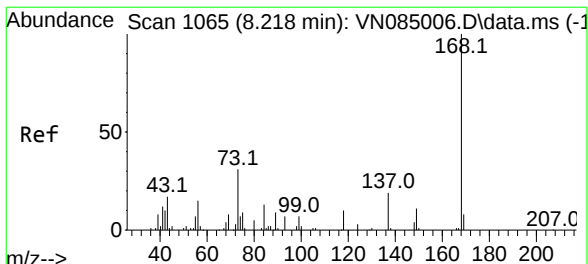
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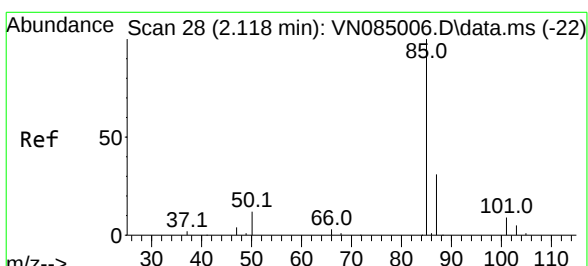
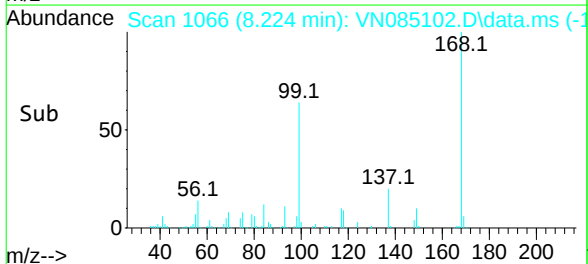
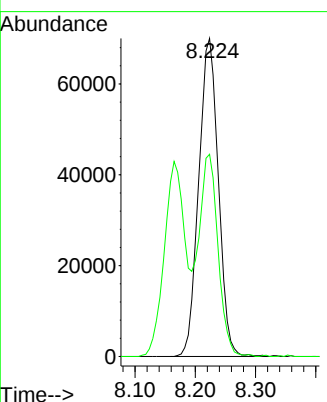
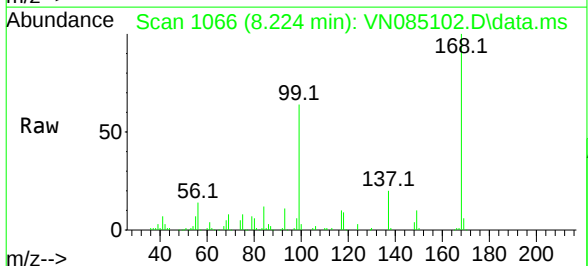
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085102.D
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MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion: 168 Resp: 158332
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8

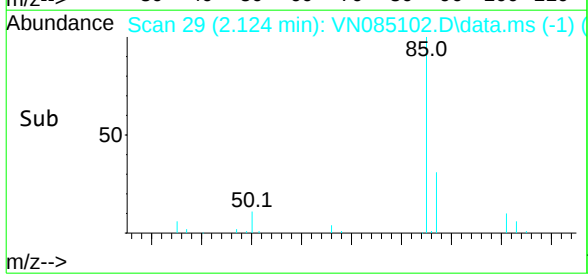
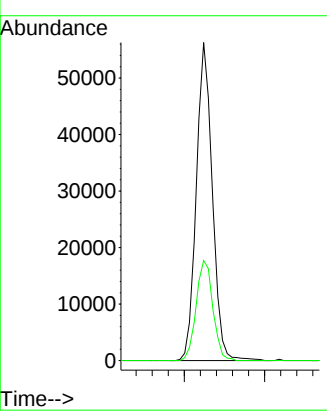
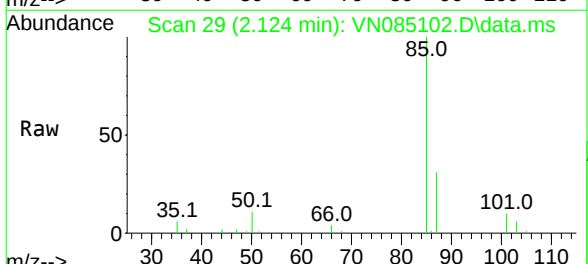
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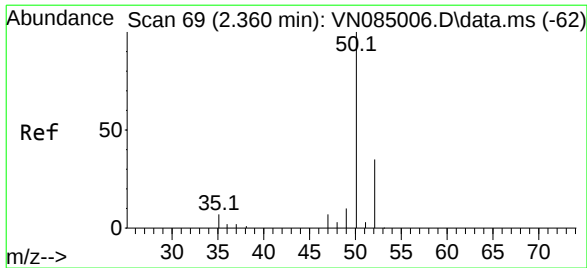
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#2
Dichlorodifluoromethane
Concen: 43.543 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

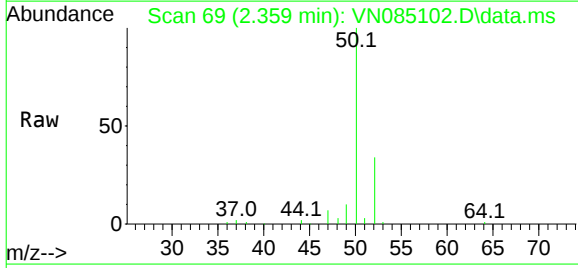
Tgt Ion: 85 Resp: 77956
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1





#3
Chloromethane
Concen: 35.780 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

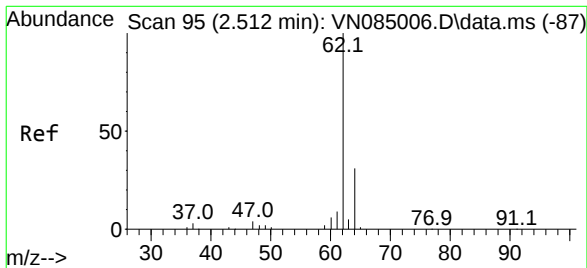
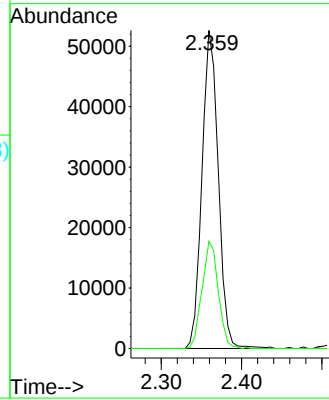
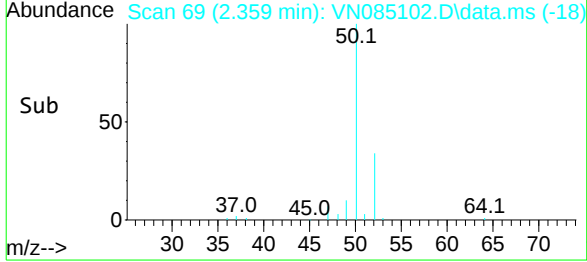
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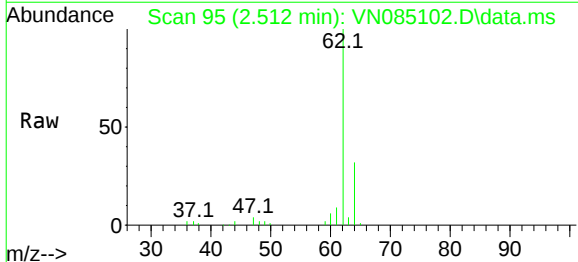
Tgt Ion: 50 Resp: 74298
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8

Manual Integrations
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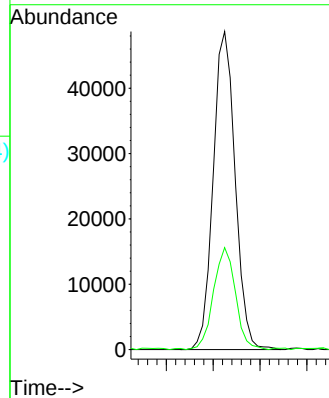
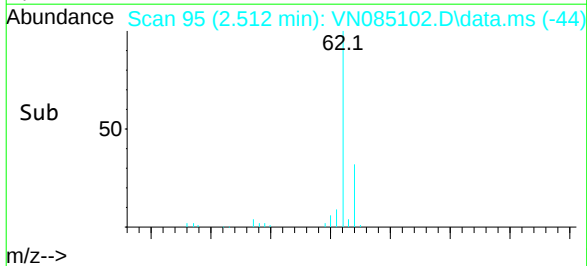
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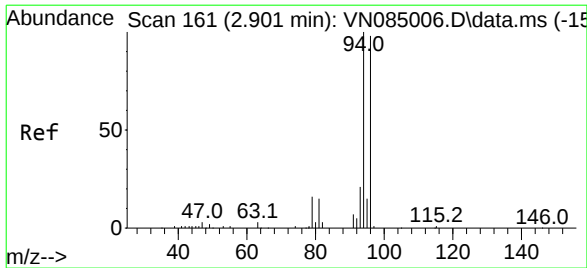


#4
Vinyl Chloride
Concen: 42.456 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25



Tgt Ion: 62 Resp: 79227
Ion Ratio Lower Upper
62 100
64 31.7 24.6 36.8





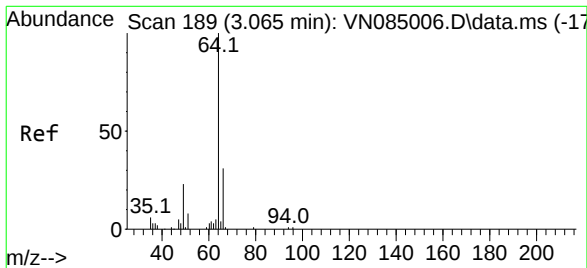
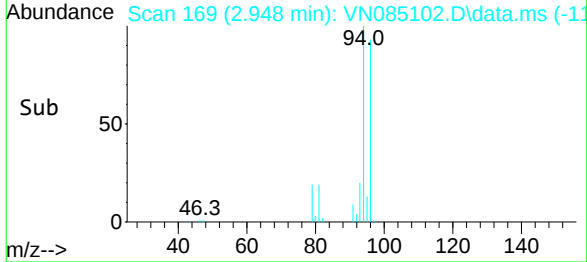
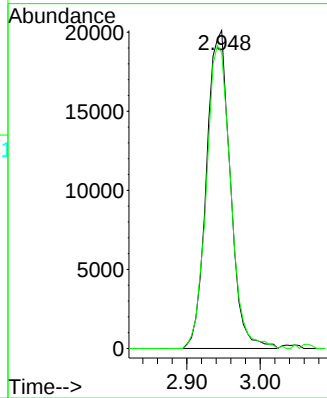
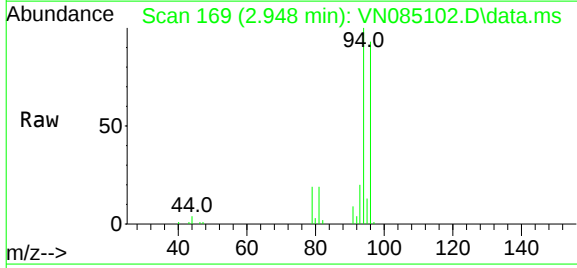
#5
Bromomethane
Concen: 43.229 ug/l
RT: 2.948 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN085102.D
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Tgt Ion: 94 Resp: 45215
Ion Ratio Lower Upper
94 100
96 93.0 78.7 118.1

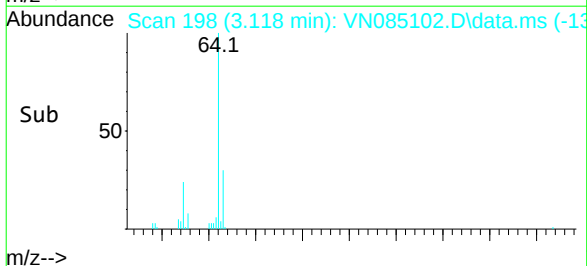
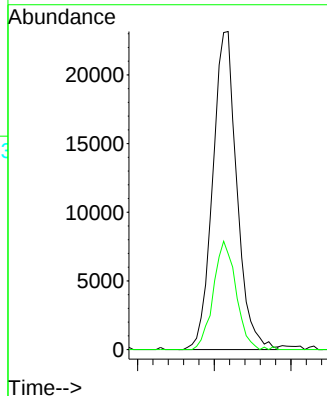
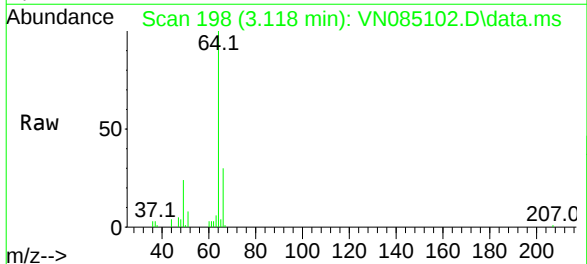
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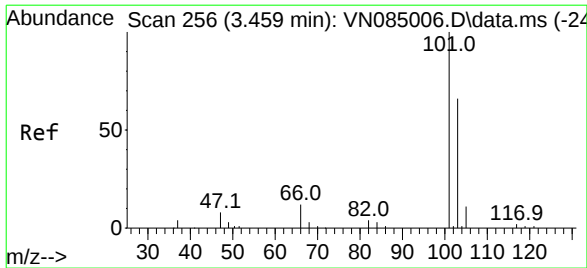
Reviewed By :John Carlone 12/05/2024
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#6
Chloroethane
Concen: 40.364 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085102.D
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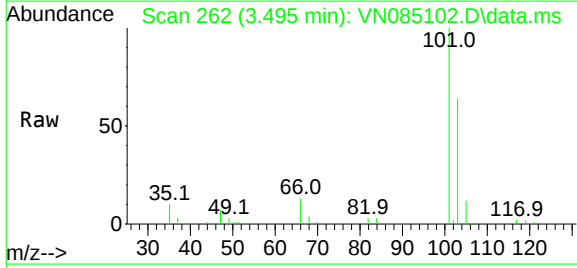
Tgt Ion: 64 Resp: 50770
Ion Ratio Lower Upper
64 100
66 30.1 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 47.765 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.035 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

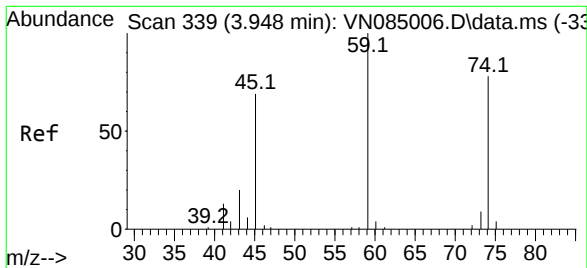
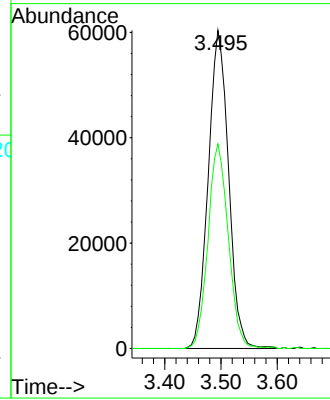
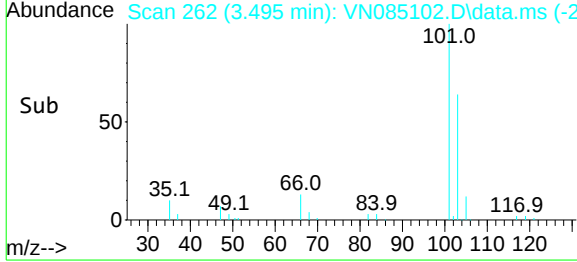
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Tgt Ion:101 Resp: 151627
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.6 78.8

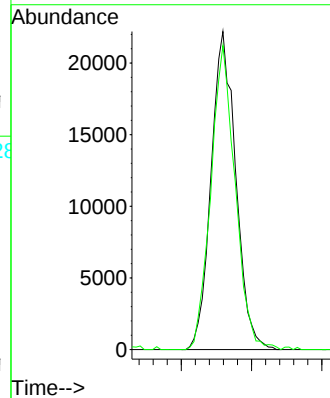
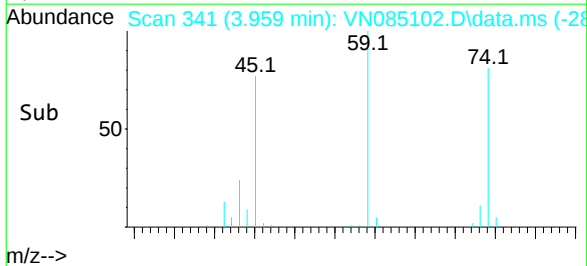
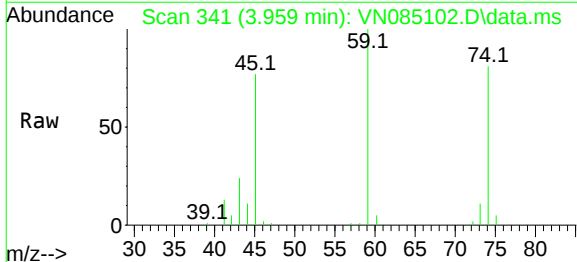
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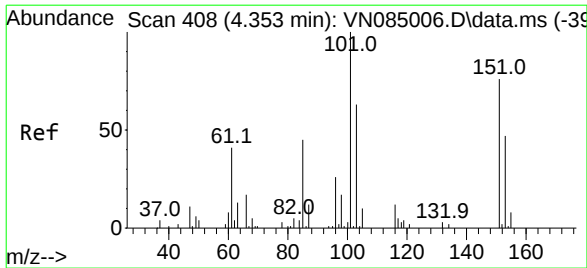
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#8
 Diethyl Ether
 Concen: 50.131 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

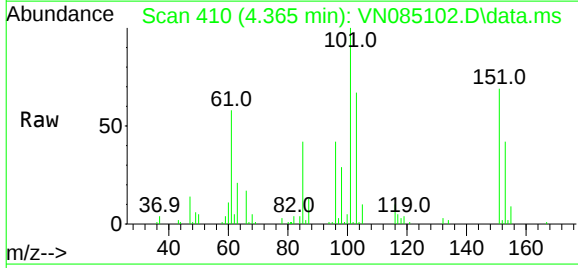
Tgt Ion: 74 Resp: 54163
 Ion Ratio Lower Upper
 74 100
 45 94.3 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.466 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

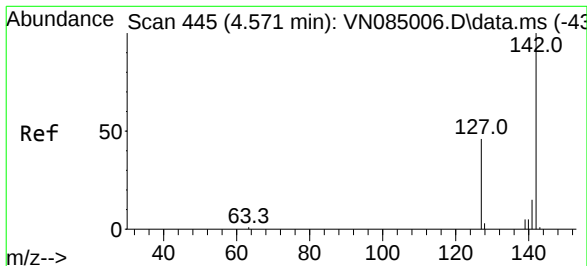
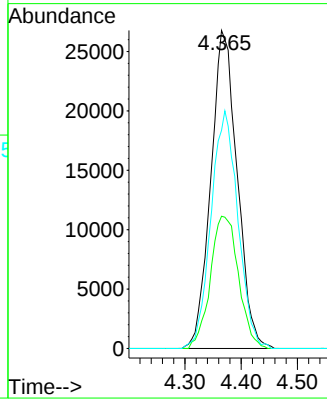
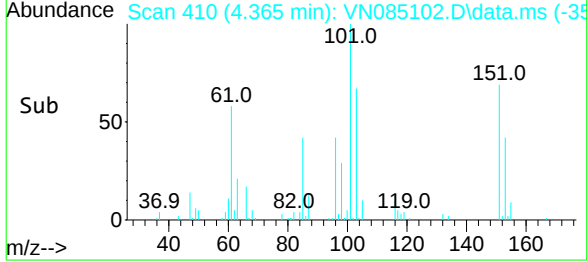
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



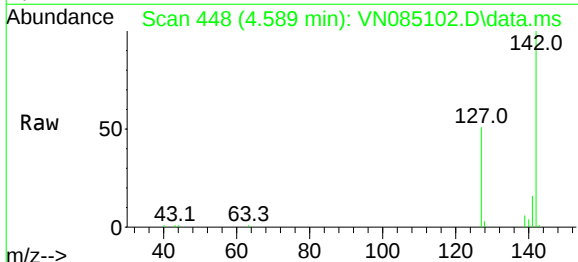
Tgt Ion:101 Resp: 87259
Ion Ratio Lower Upper
101 100
85 44.2 36.9 55.3
151 76.3 60.8 91.2

Manual Integrations
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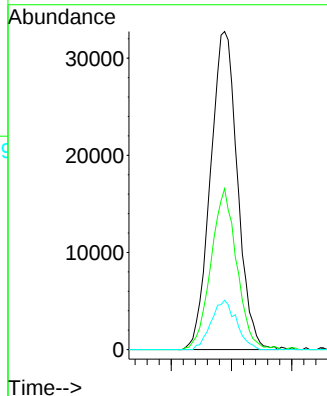
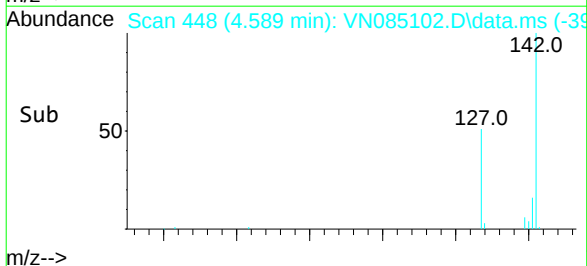
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

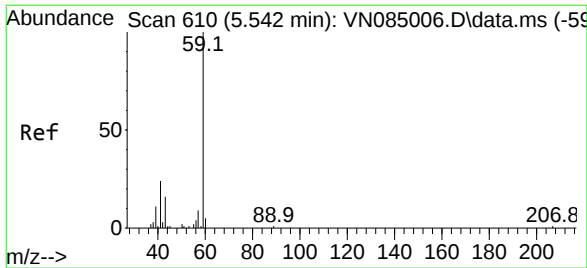


#10
Methyl Iodide
Concen: 42.798 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.017 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25



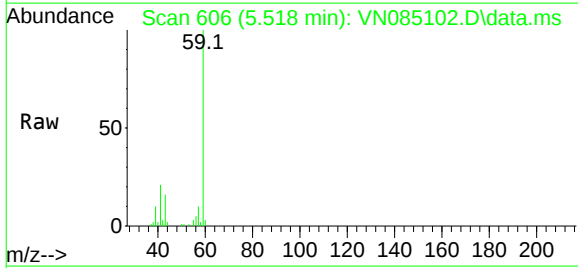
Tgt Ion:142 Resp: 101995
Ion Ratio Lower Upper
142 100
127 50.6 36.6 54.8
141 15.5 12.2 18.4





#11
Tert butyl alcohol
Concen: 311.163 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

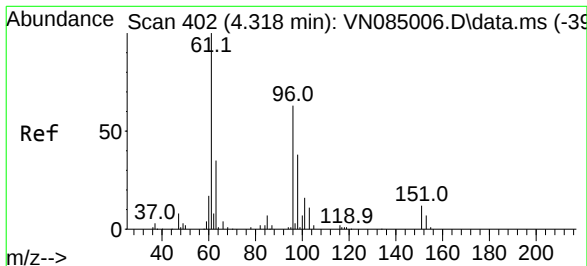
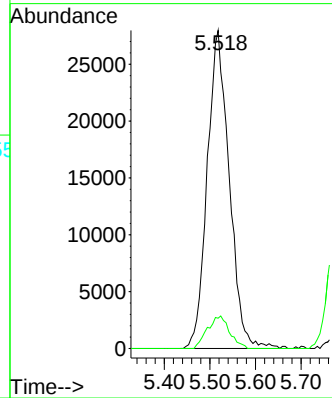
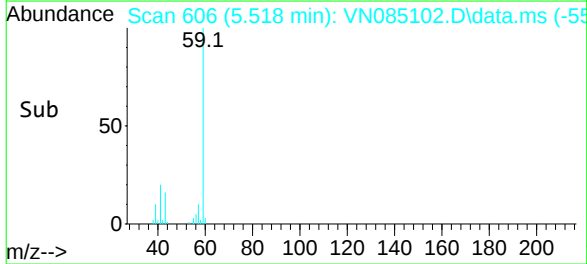
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



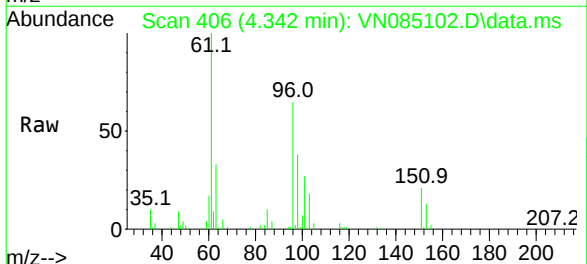
Tgt Ion: 59 Resp: 93779
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.0

Manual Integrations
APPROVED

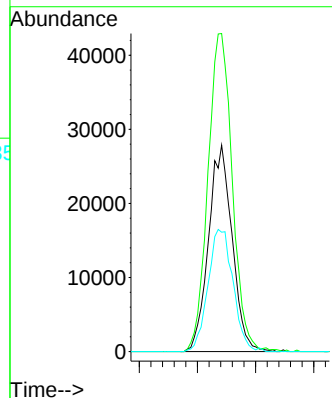
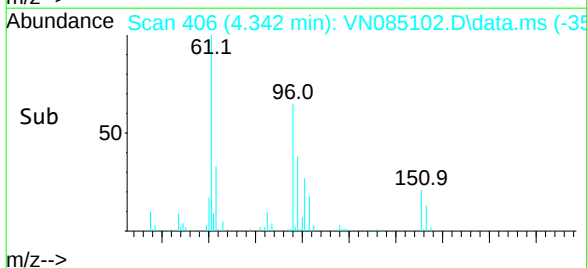
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

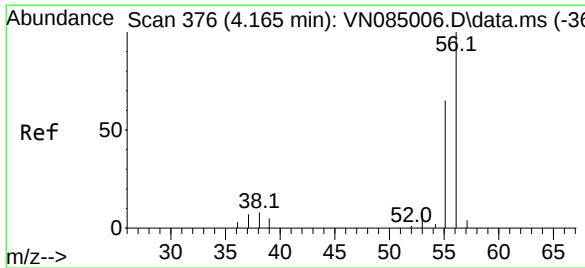


#12
1,1-Dichloroethene
Concen: 46.786 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.023 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25



Tgt Ion: 96 Resp: 78625
Ion Ratio Lower Upper
96 100
61 154.0 127.8 191.8
98 57.8 49.2 73.8





#13

Acrolein

Concen: 323.679 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.012 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion: 56 Resp: 65093

Ion Ratio Lower Upper

56 100

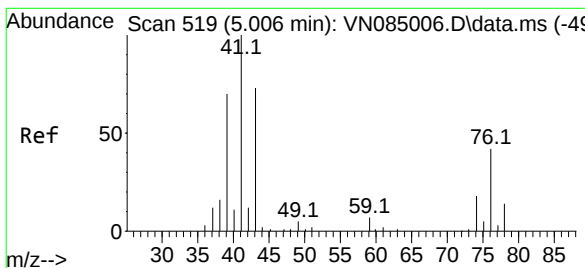
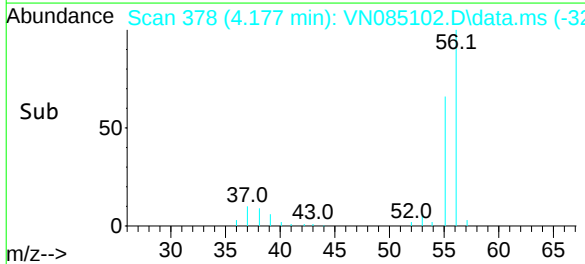
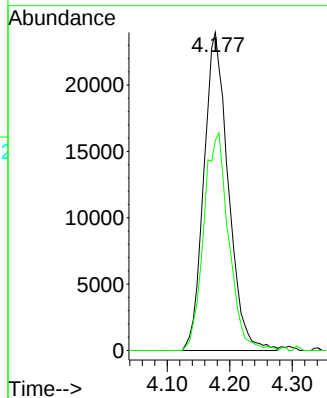
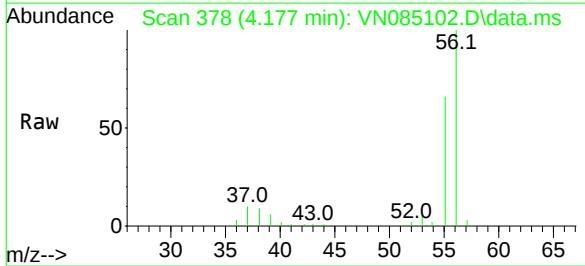
55 70.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#14

Allyl chloride

Concen: 41.385 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.017 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

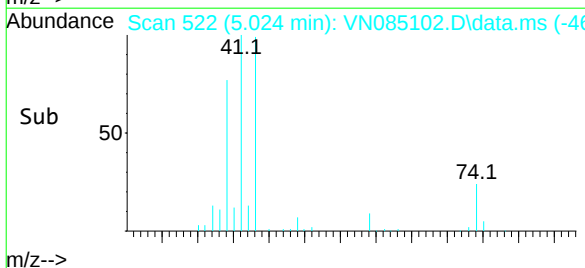
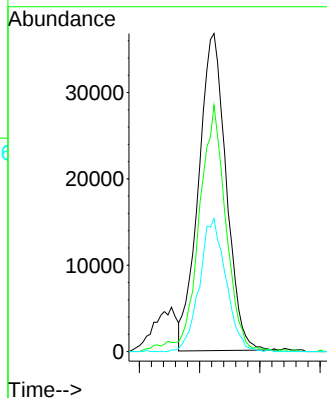
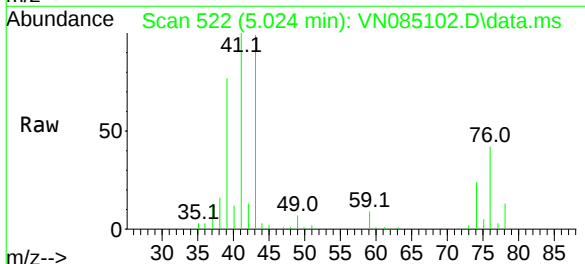
Tgt Ion: 41 Resp: 117244

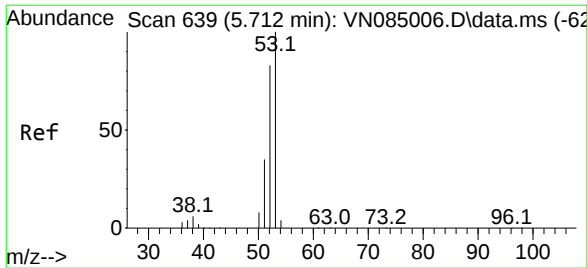
Ion Ratio Lower Upper

41 100

39 75.6 53.8 80.8

76 40.1 29.3 43.9





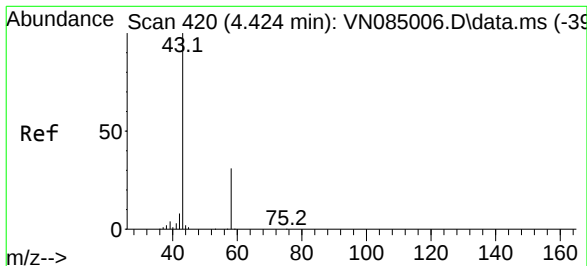
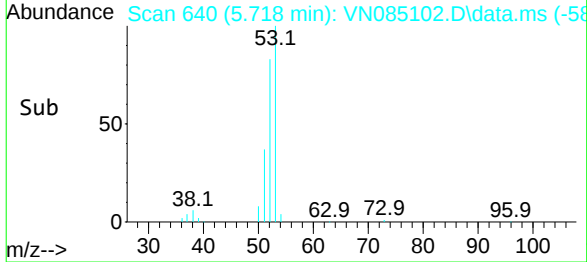
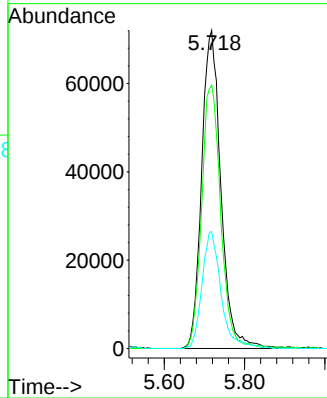
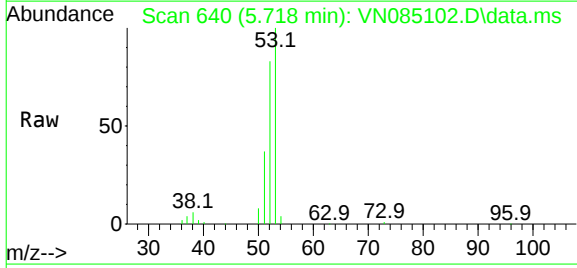
#15
Acrylonitrile
Concen: 280.355 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion: 53 Resp: 239216
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 36.4 28.4 42.6

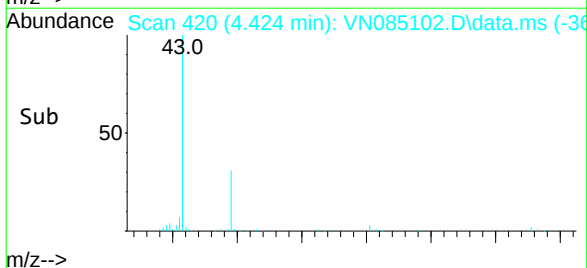
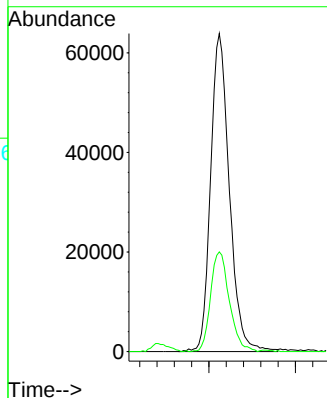
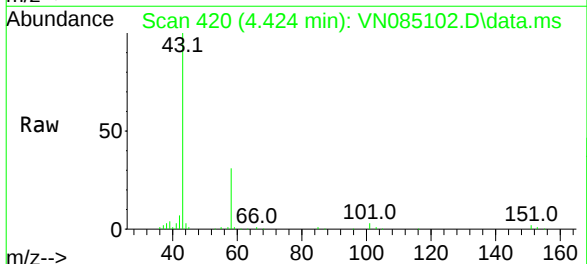
Manual Integrations
APPROVED

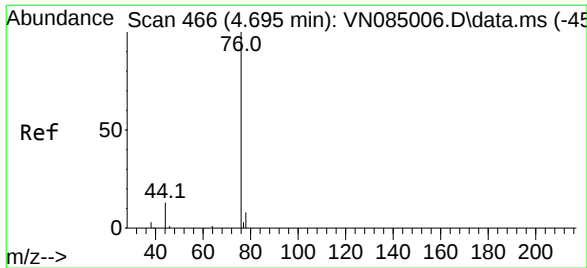
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#16
Acetone
Concen: 292.371 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

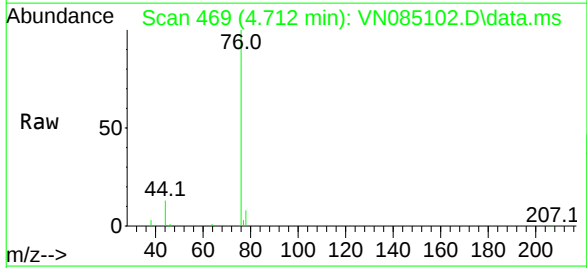
Tgt Ion: 43 Resp: 192040
Ion Ratio Lower Upper
43 100
58 31.0 25.4 38.2





#17
Carbon Disulfide
Concen: 35.627 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.017 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

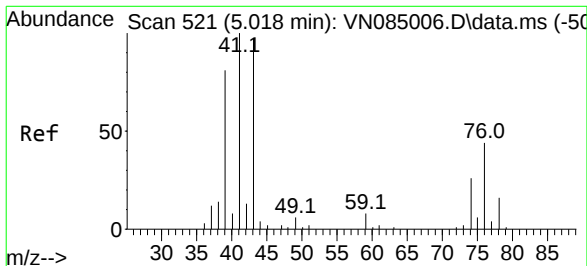
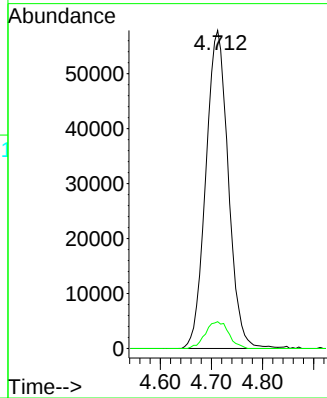
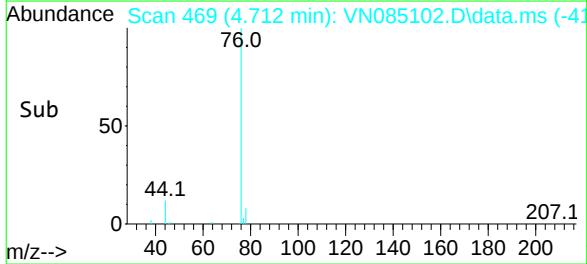
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 76 Resp: 176722
Ion Ratio Lower Upper
76 100
78 8.4 6.5 9.7

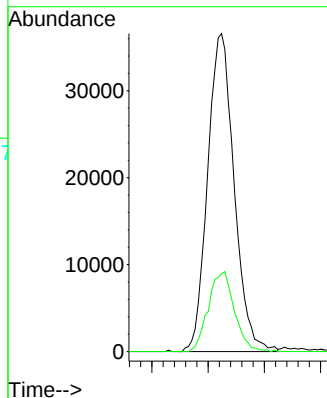
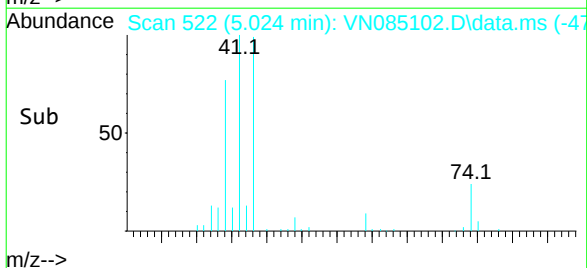
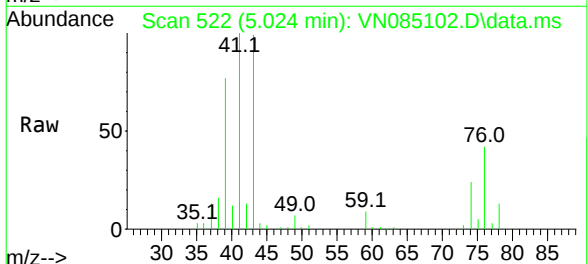
Manual Integrations
APPROVED

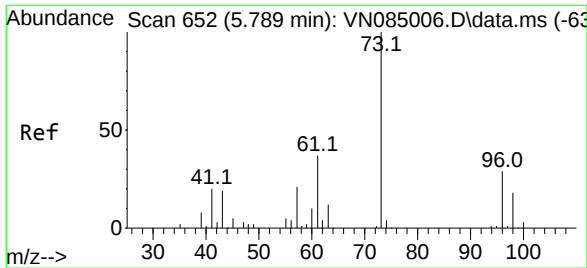
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#18
Methyl Acetate
Concen: 57.188 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 43 Resp: 119714
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





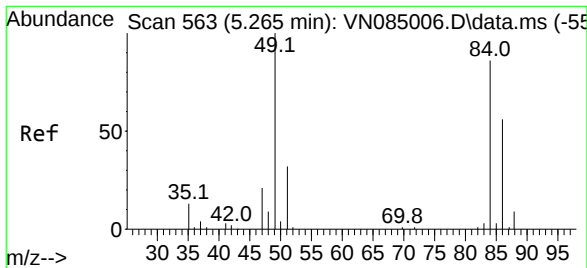
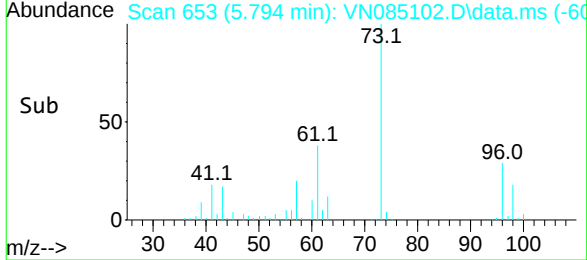
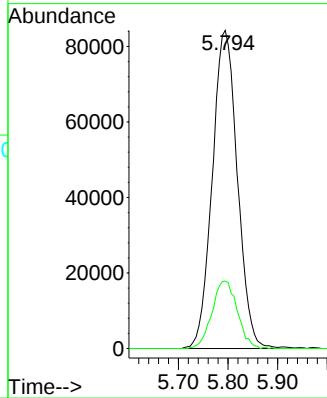
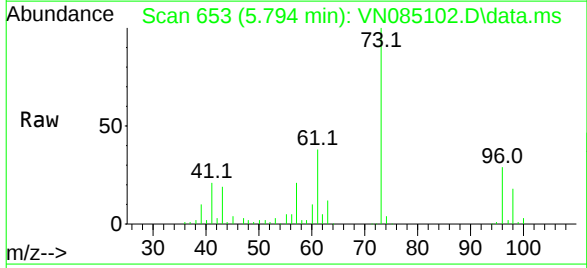
#19
Methyl tert-butyl Ether
Concen: 53.822 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion: 73 Resp: 295529
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

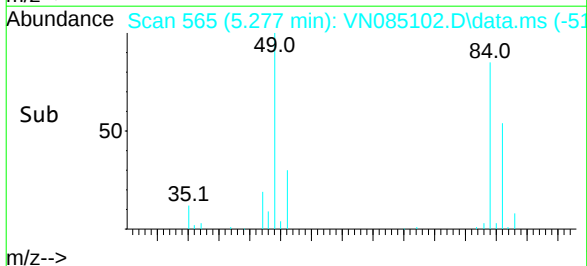
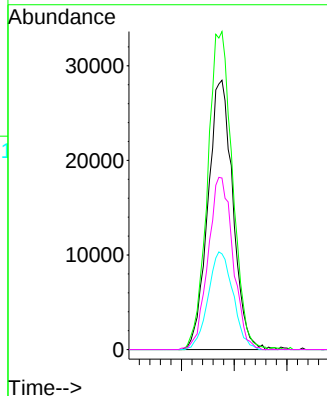
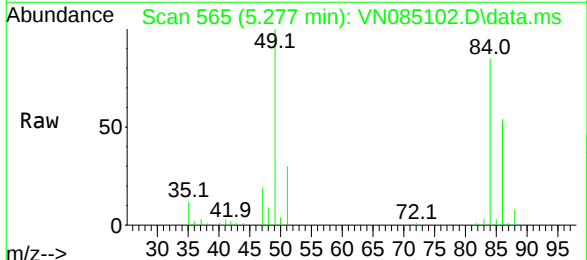
Manual Integrations
APPROVED

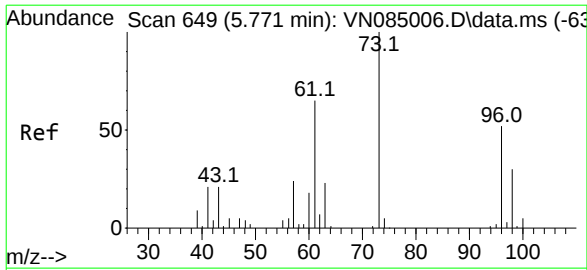
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#20
Methylene Chloride
Concen: 46.644 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

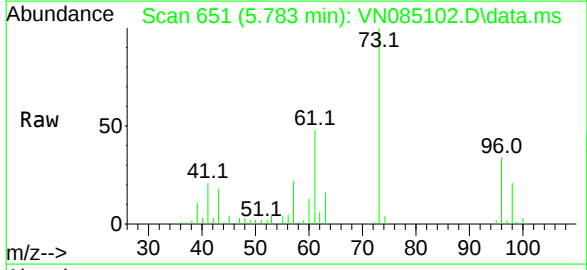
Tgt Ion: 84 Resp: 93490
Ion Ratio Lower Upper
84 100
49 118.1 92.7 139.1
51 35.5 29.4 44.2
86 63.7 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 45.246 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

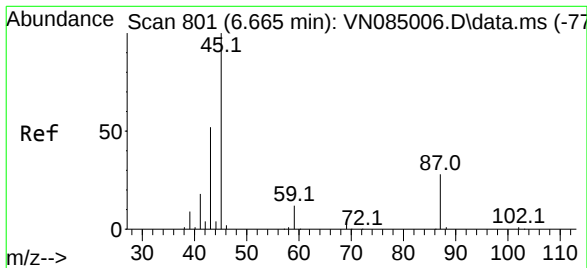
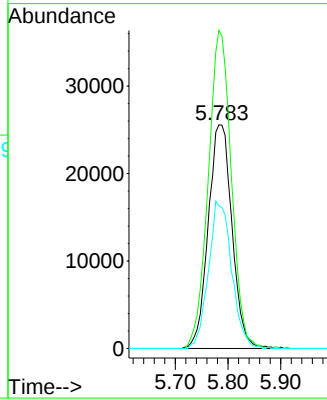
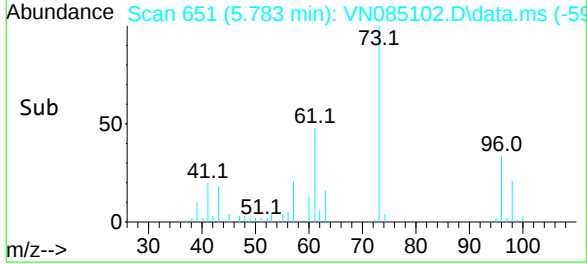
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



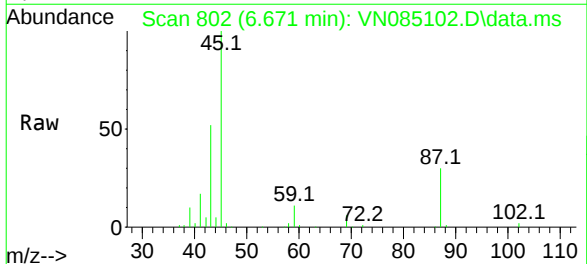
Tgt Ion: 96 Resp: 80016
Ion Ratio Lower Upper
96 100
61 142.2 100.7 151.1
98 63.8 45.8 68.6

Manual Integrations
APPROVED

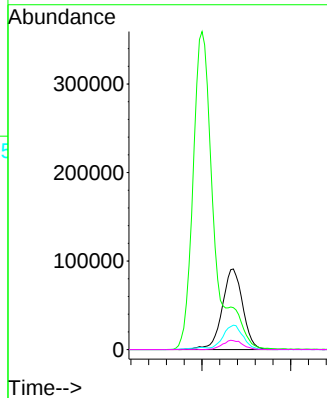
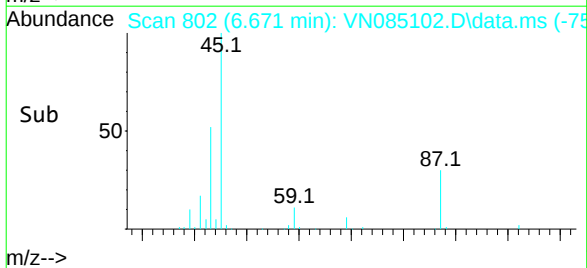
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

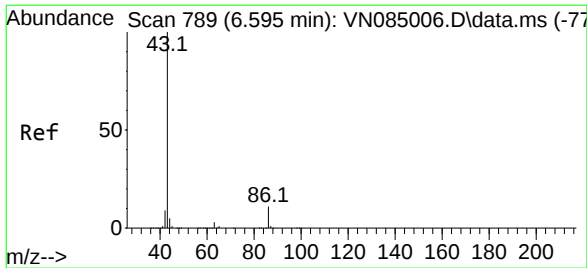


#22
Diisopropyl ether
Concen: 51.400 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25



Tgt Ion: 45 Resp: 293076
Ion Ratio Lower Upper
45 100
43 51.3 42.7 64.1
87 30.3 22.6 34.0
59 11.0 9.9 14.9





#23

Vinyl Acetate

Concen: 296.797 ug/l

RT: 6.600 min Scan# 79

Delta R.T. 0.006 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion: 43 Resp: 1167488

Ion Ratio Lower Upper

43 100

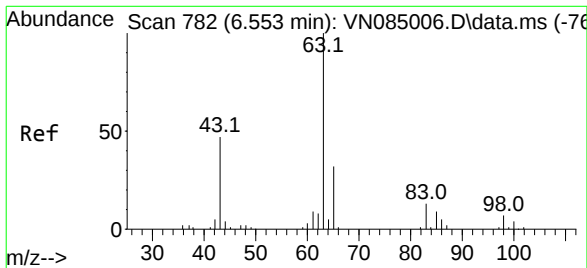
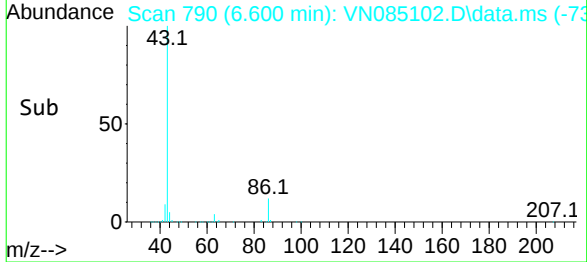
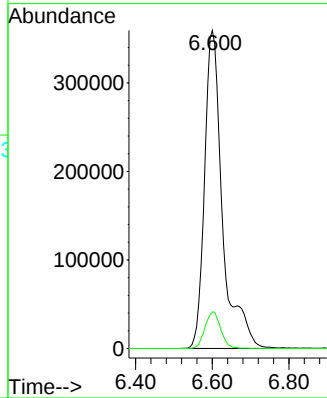
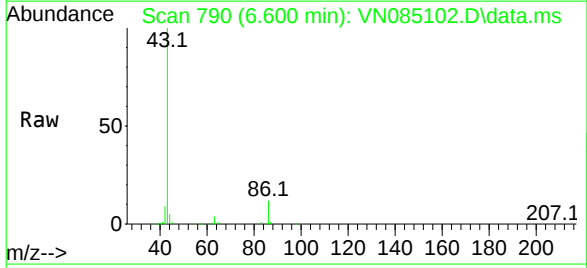
86 11.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#24

1,1-Dichloroethane

Concen: 49.224 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.012 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

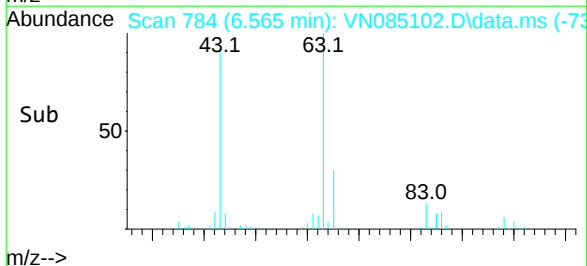
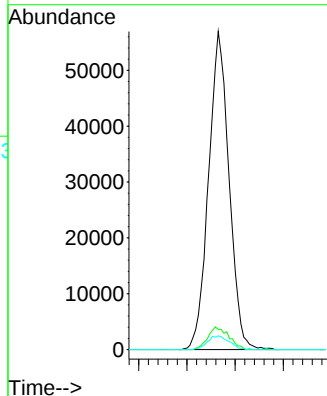
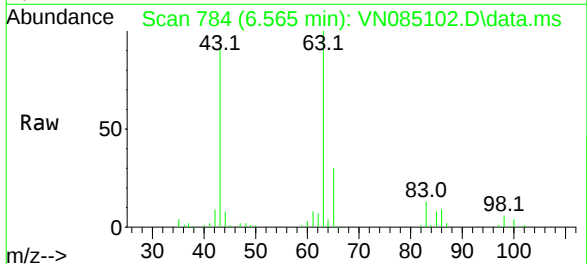
Tgt Ion: 63 Resp: 167960

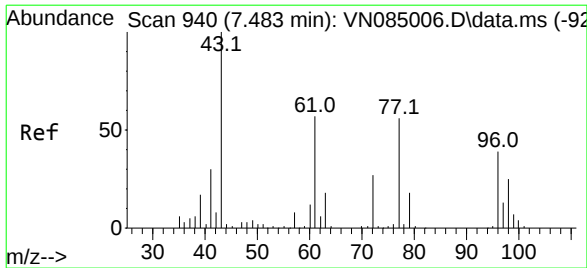
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.3 2.2 6.6





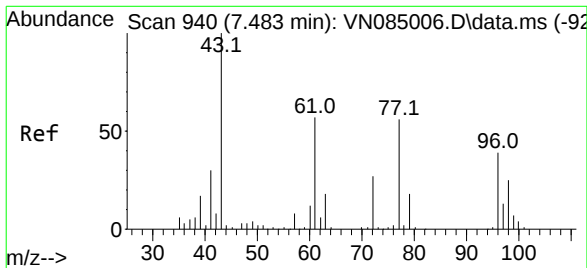
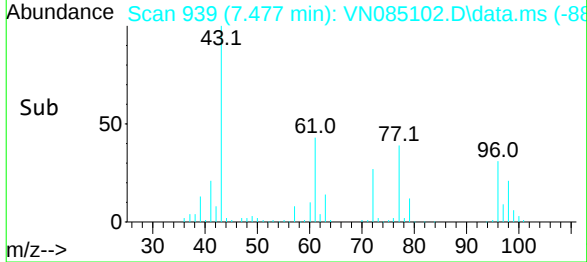
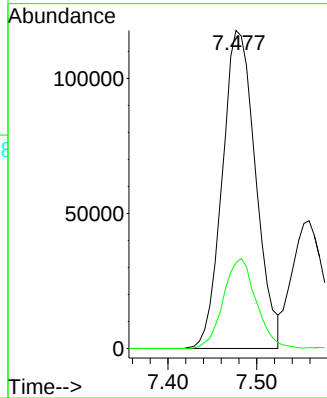
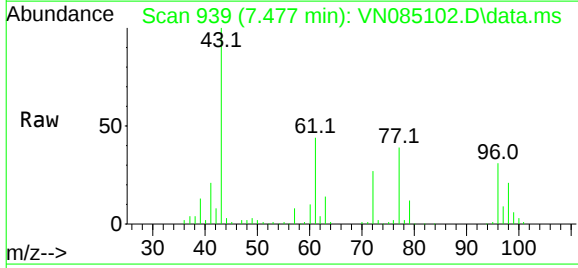
#25
2-Butanone
Concen: 286.094 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion: 43 Resp: 307229
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.0

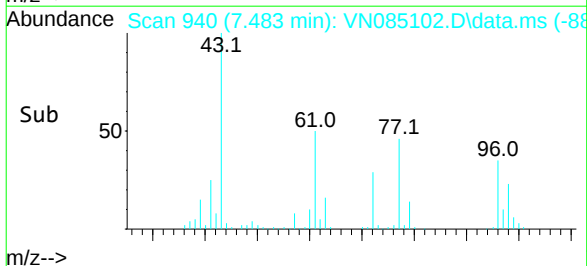
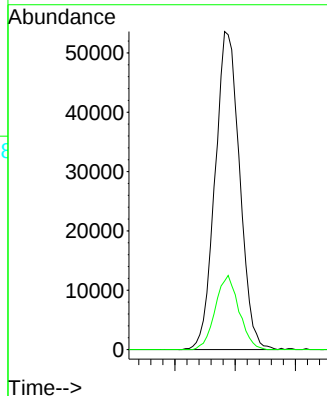
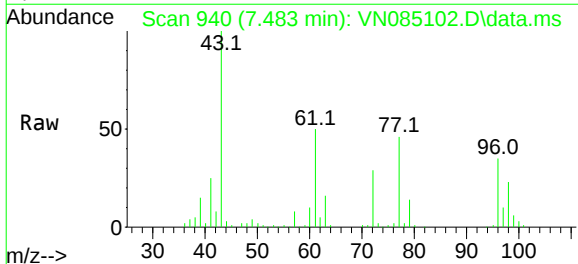
Manual Integrations
APPROVED

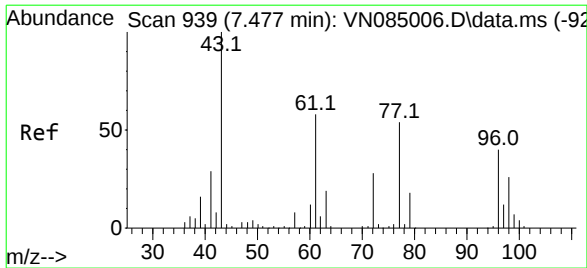
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#26
2,2-Dichloropropane
Concen: 47.702 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

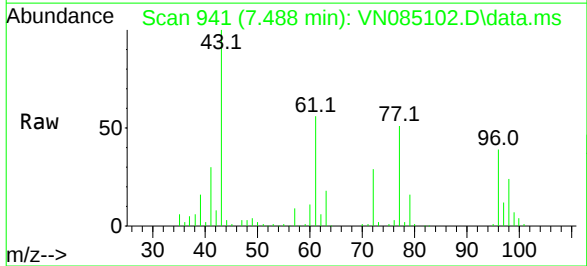
Tgt Ion: 77 Resp: 151987
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 50.020 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

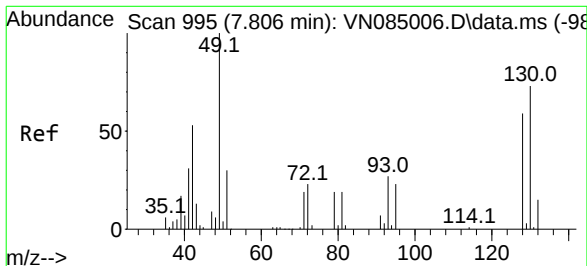
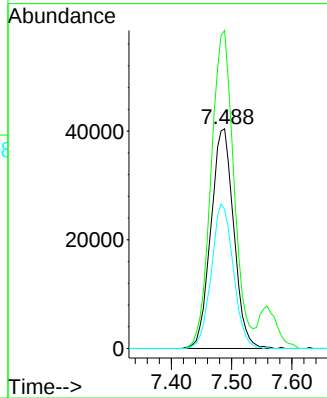
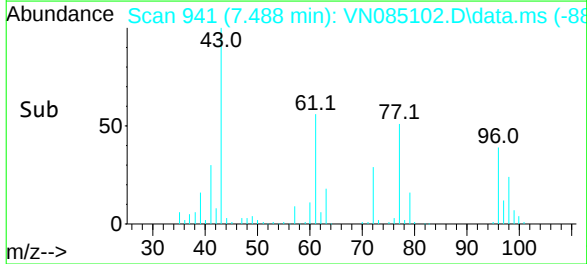
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 96 Resp: 106641
Ion Ratio Lower Upper
96 100
61 144.4 0.0 291.6
98 63.4 0.0 129.8

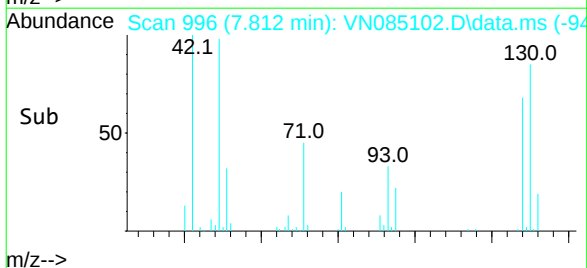
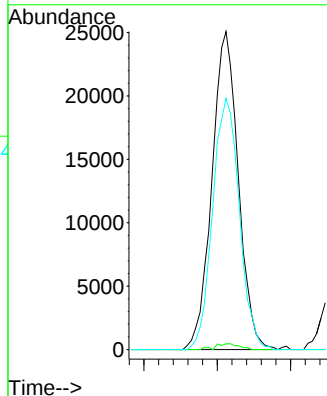
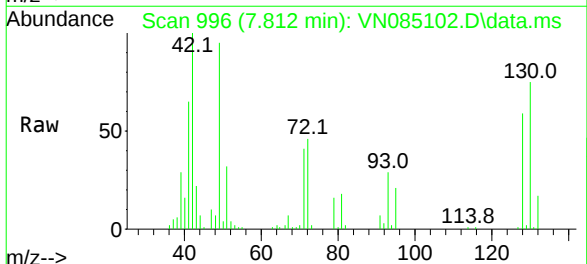
Manual Integrations
APPROVED

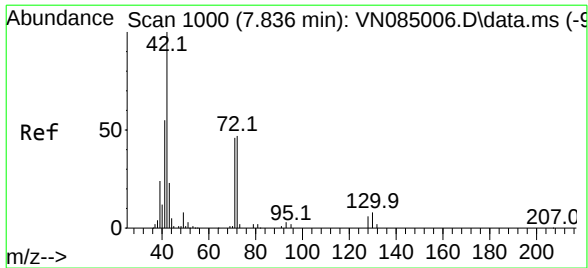
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#28
Bromochloromethane
Concen: 48.600 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

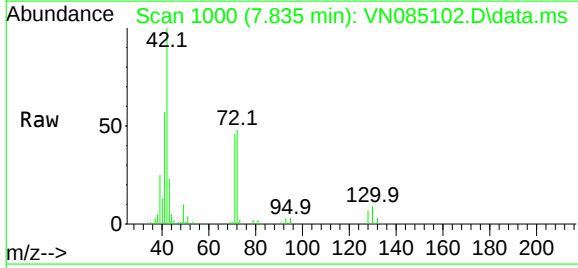
Tgt Ion: 49 Resp: 62599
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 79.9 60.6 90.8





#29
Tetrahydrofuran
Concen: 296.536 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

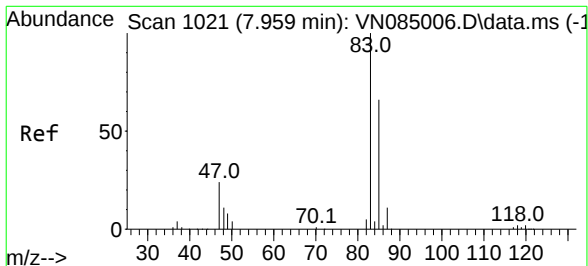
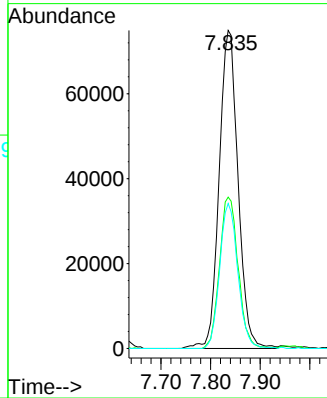
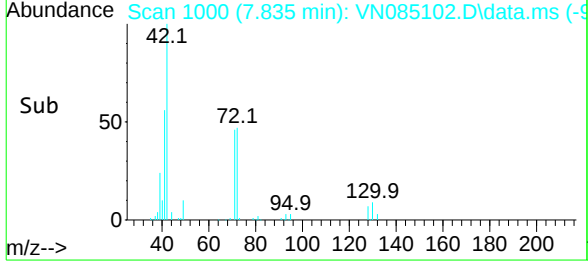
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 42 Resp: 198029
Ion Ratio Lower Upper
42 100
72 47.1 37.0 55.4
71 43.8 35.0 52.4

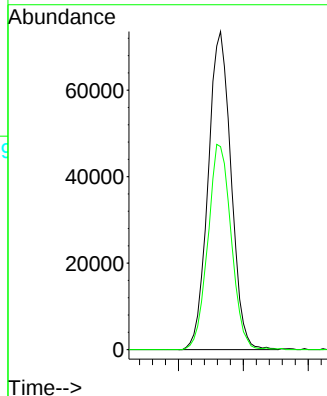
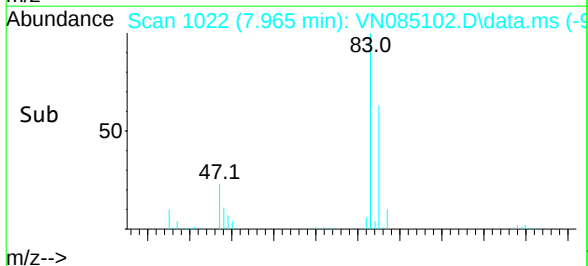
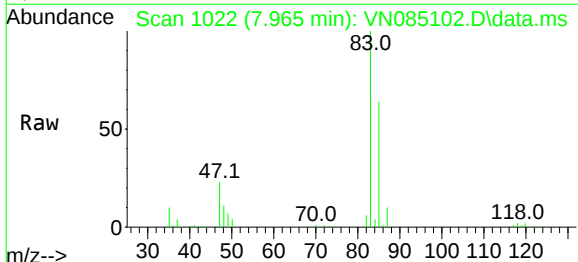
Manual Integrations
APPROVED

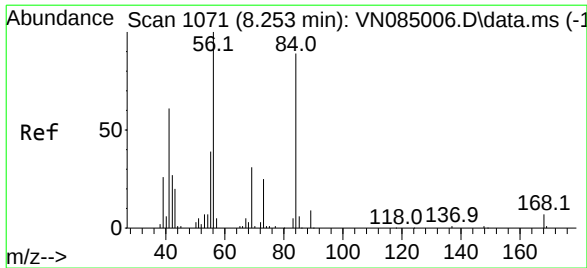
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#30
Chloroform
Concen: 49.758 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

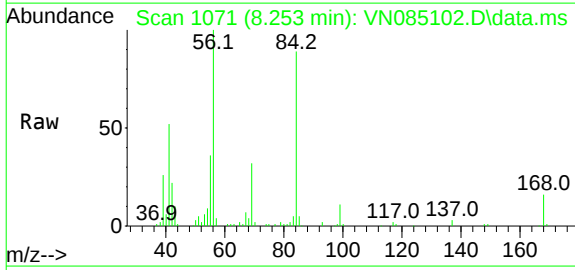
Tgt Ion: 83 Resp: 180604
Ion Ratio Lower Upper
83 100
85 63.8 52.6 78.8





#31
Cyclohexane
Concen: 41.900 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

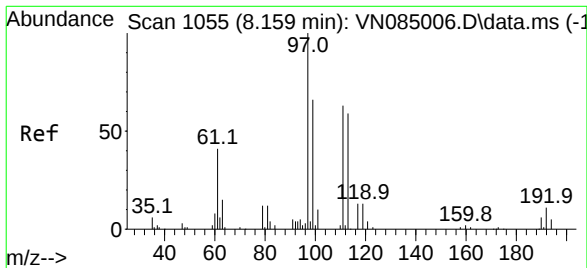
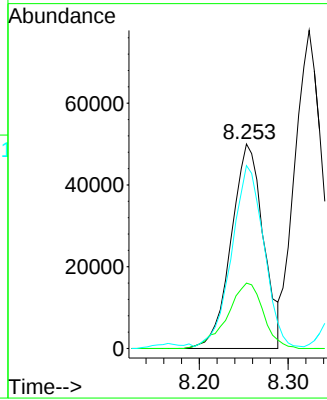
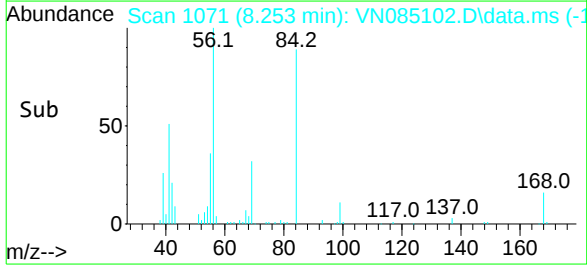
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 56 Resp: 125878
Ion Ratio Lower Upper
56 100
69 32.0 24.6 36.8
84 87.8 71.4 107.2

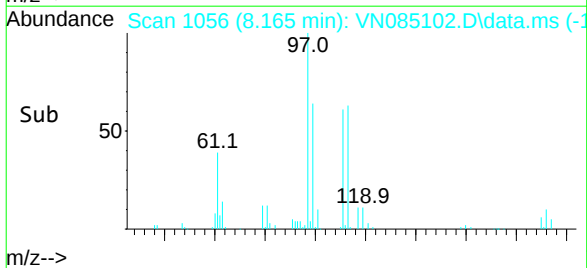
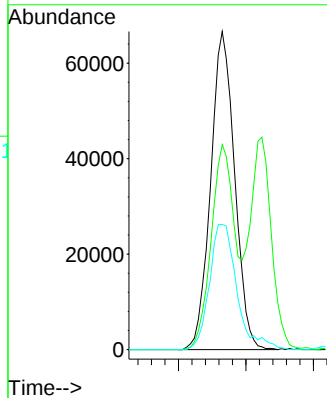
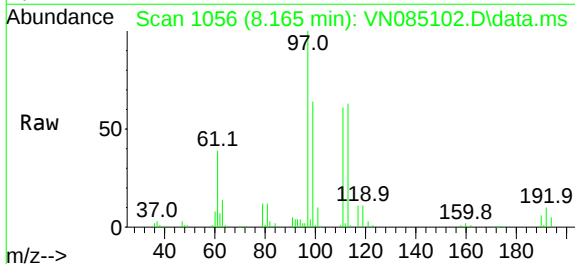
Manual Integrations
APPROVED

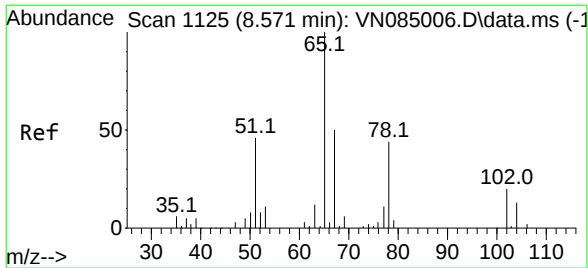
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#32
1,1,1-Trichloroethane
Concen: 50.148 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

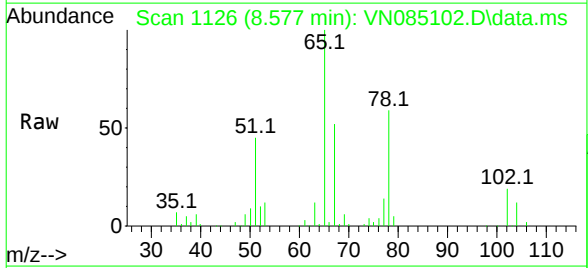
Tgt Ion: 97 Resp: 164481
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 45.0 36.2 54.2





#33
 1,2-Dichloroethane-d4
 Concen: 51.012 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

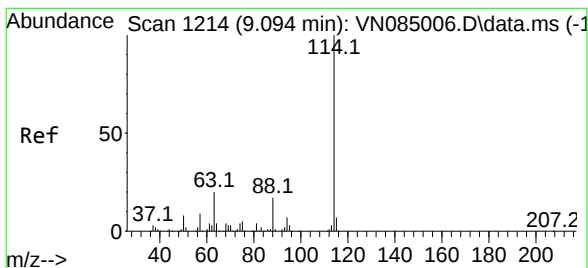
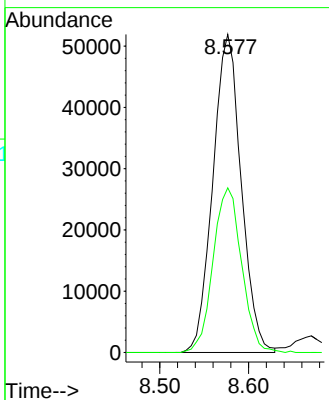
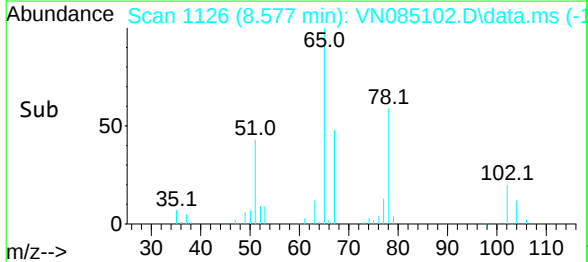
Instrument :
 MSVOA_N
 ClientSampleId :
 UNIT-51-RS-SW001-01MS



Tgt Ion: 65 Resp: 115049
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.0

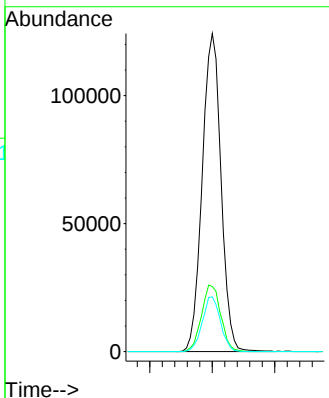
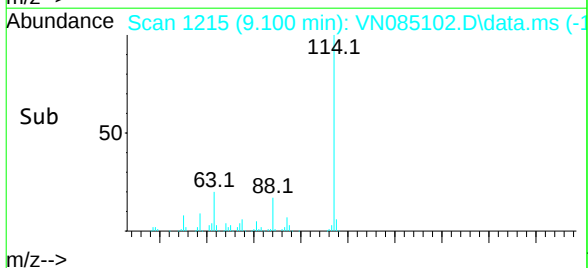
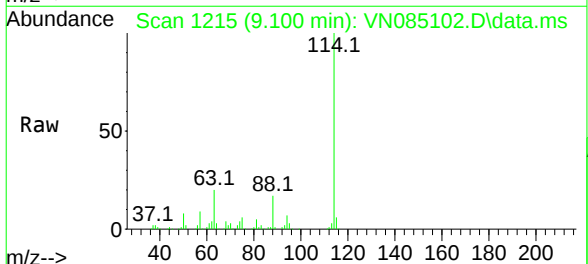
Manual Integrations
 APPROVED

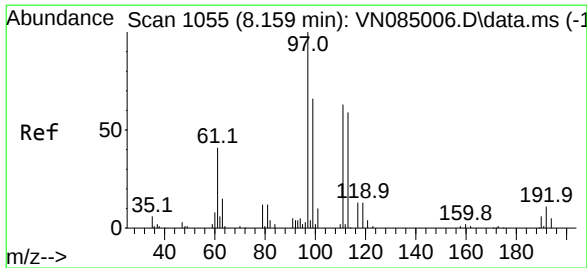
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

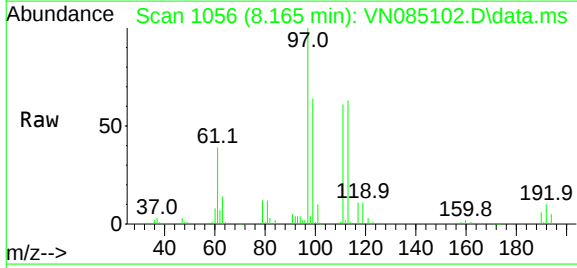
Tgt Ion:114 Resp: 259564
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 17.2 0.0 34.8





#35
Dibromofluoromethane
Concen: 54.179 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

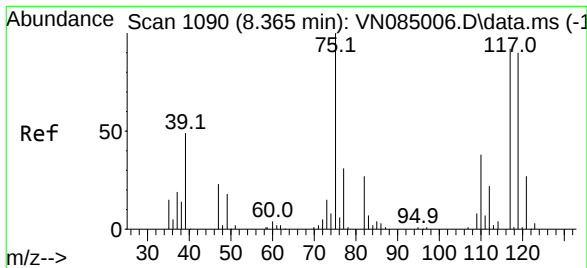
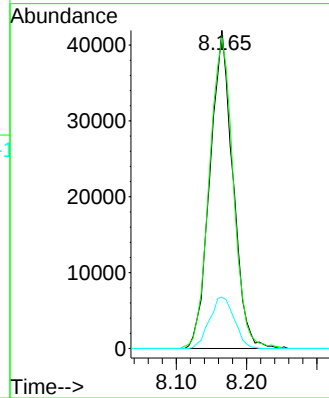
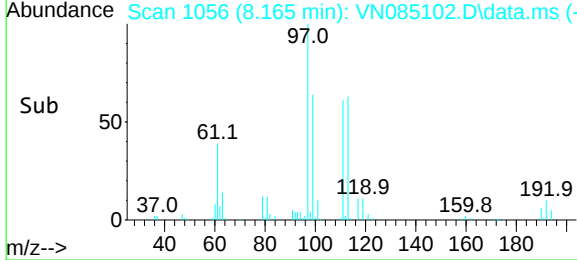
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion:113 Resp: 94835
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 17.4 14.8 22.2

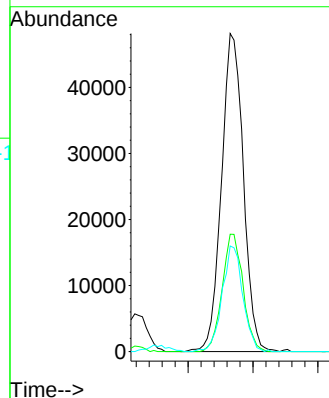
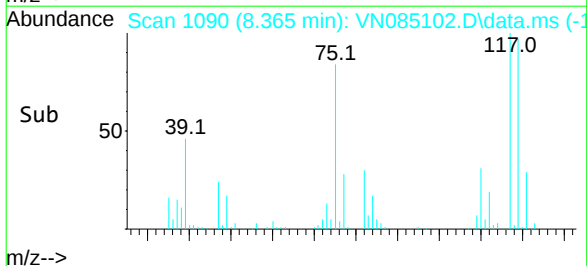
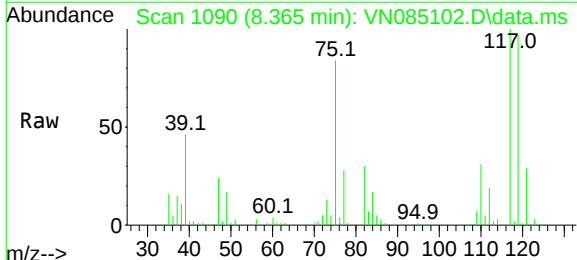
Manual Integrations
APPROVED

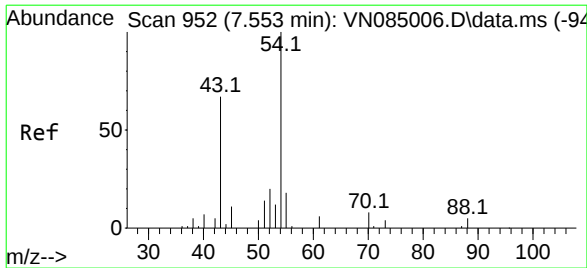
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#36
1,1-Dichloropropene
Concen: 47.592 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 75 Resp: 112837
Ion Ratio Lower Upper
75 100
110 35.2 17.2 51.6
77 31.4 24.2 36.4





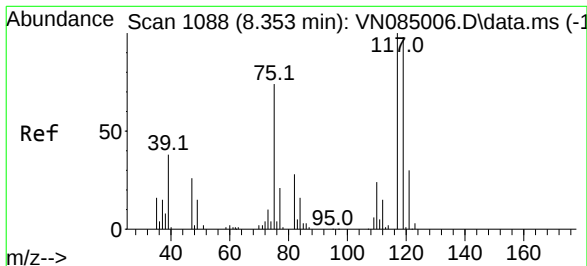
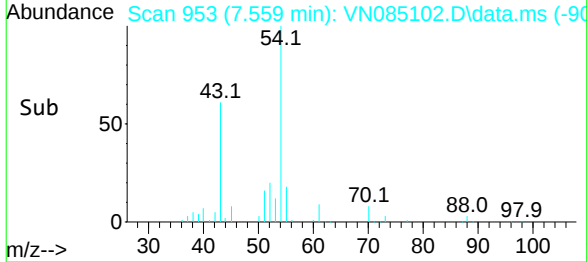
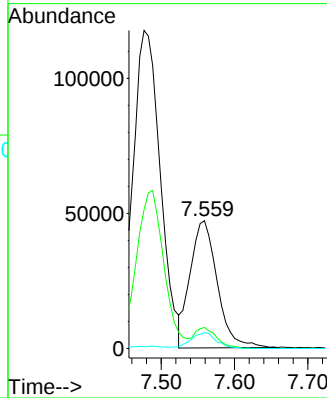
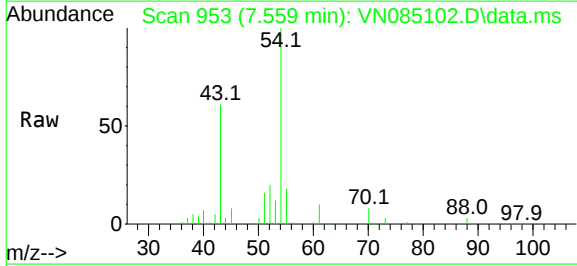
#37
Ethyl Acetate
Concen: 56.158 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion:	43	Resp:	121044
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.7	17.5
70	11.8	9.3	13.9

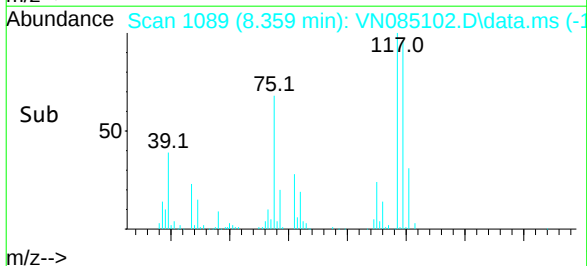
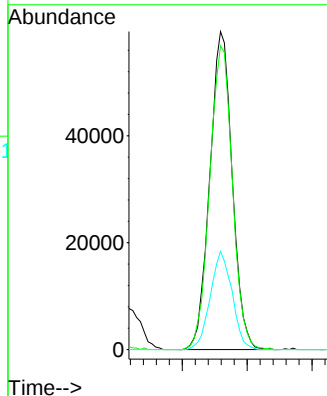
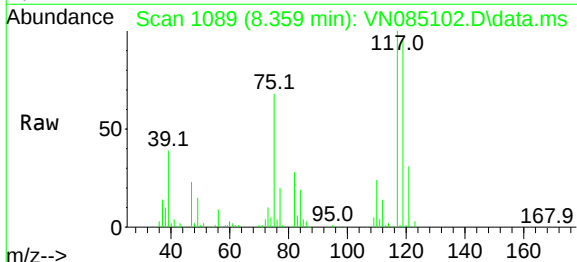
Manual Integrations
APPROVED

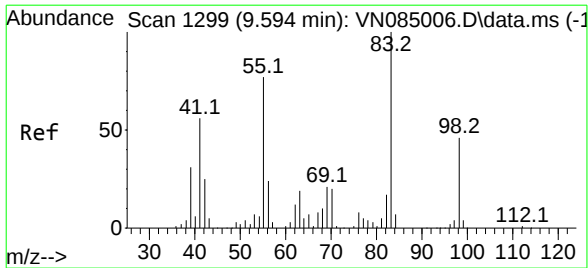
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#38
Carbon Tetrachloride
Concen: 52.182 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

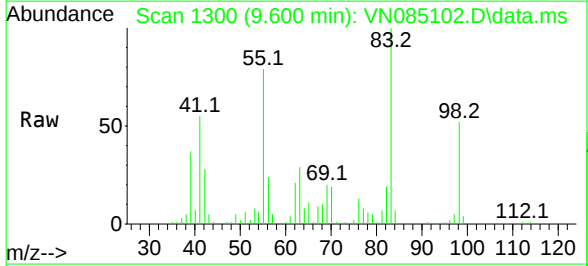
Tgt Ion:	117	Resp:	142809
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.6	117.8
121	30.9	24.2	36.2





#39
Methylcyclohexane
Concen: 47.671 ug/l
RT: 9.600 min Scan# 131
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

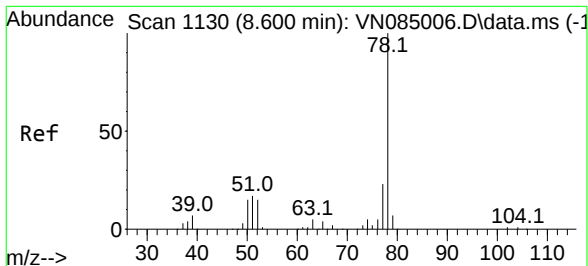
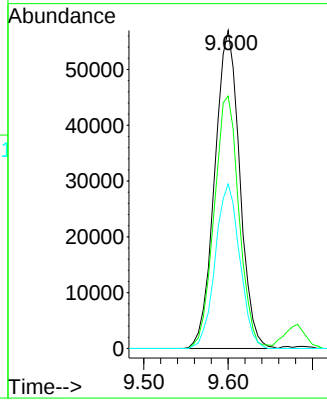
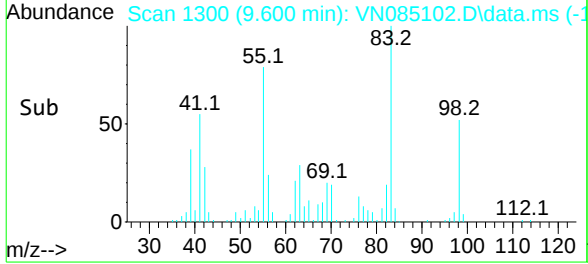
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 83 Resp: 117448
Ion Ratio Lower Upper
83 100
55 79.4 61.8 92.6
98 51.7 37.0 55.6

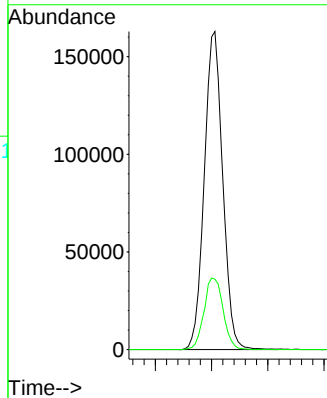
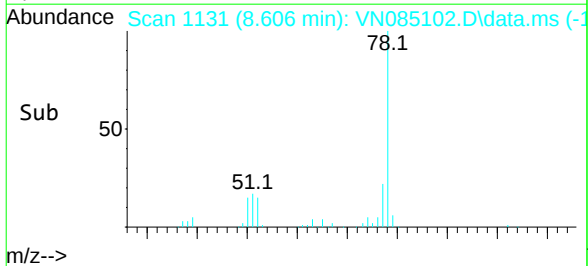
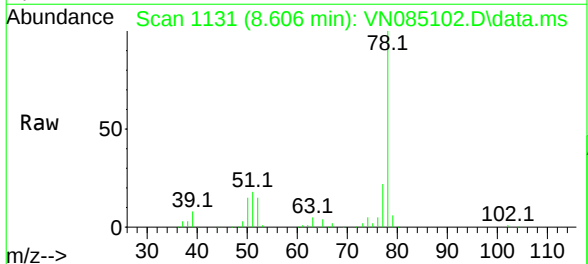
Manual Integrations
APPROVED

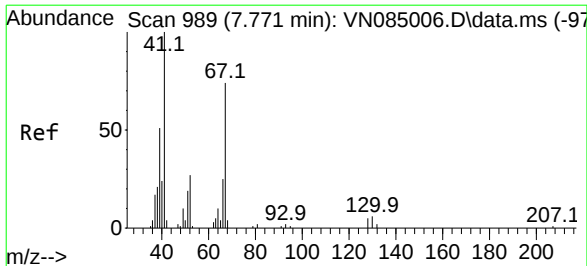
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#40
Benzene
Concen: 49.446 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

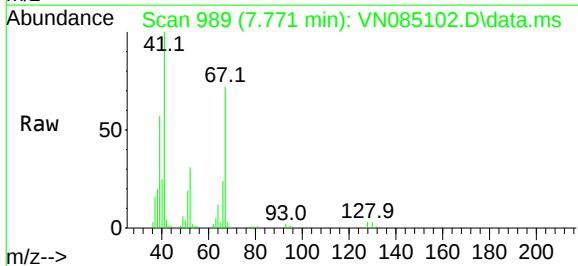
Tgt Ion: 78 Resp: 370783
Ion Ratio Lower Upper
78 100
77 22.1 18.5 27.7





#41
Methacrylonitrile
Concen: 56.503 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

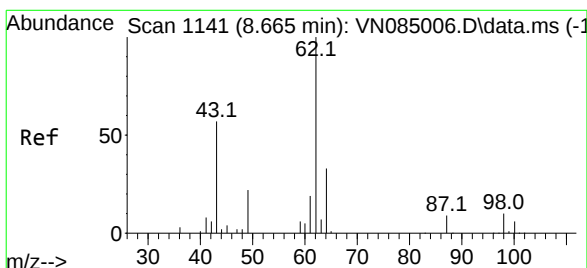
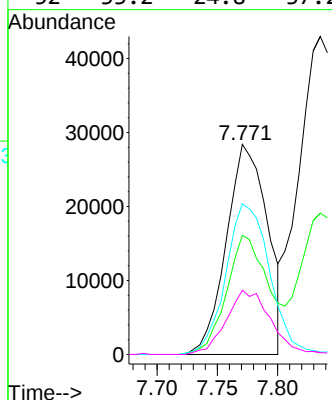
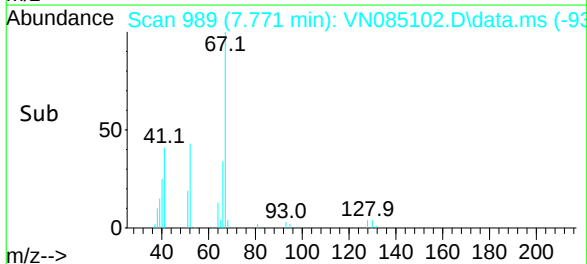
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 41 Resp: 67431
Ion Ratio Lower Upper
41 100
39 59.0 42.6 63.8
67 76.9 59.9 89.9
52 33.2 24.8 37.2

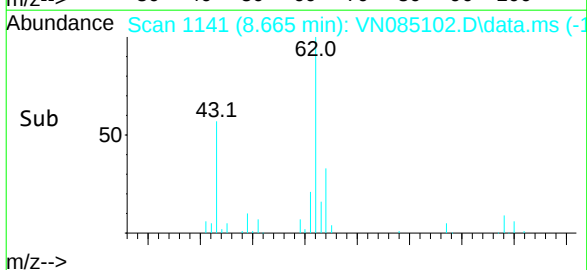
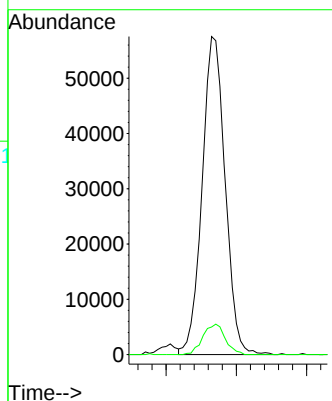
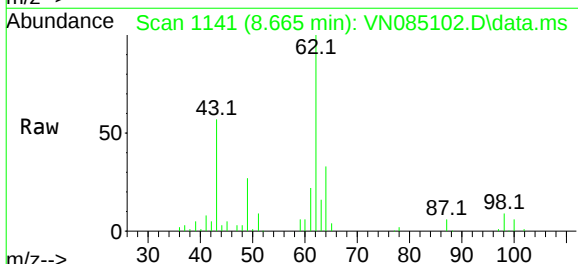
Manual Integrations
APPROVED

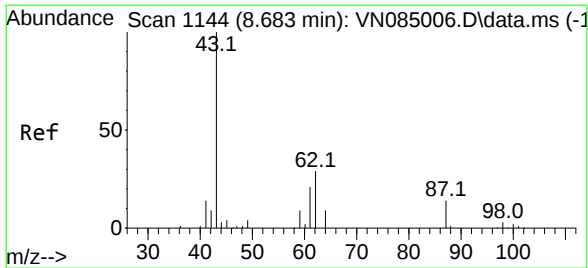
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#42
1,2-Dichloroethane
Concen: 51.004 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 62 Resp: 130846
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





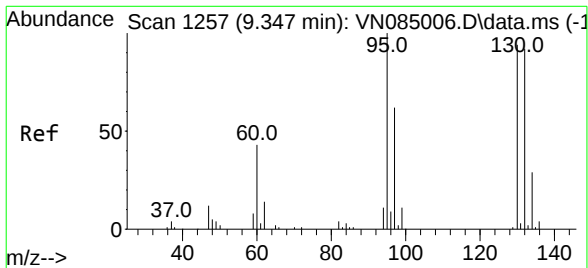
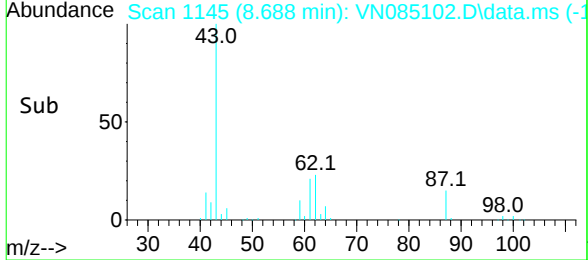
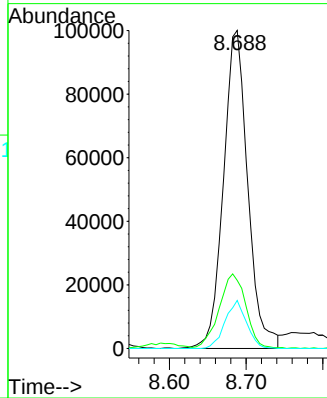
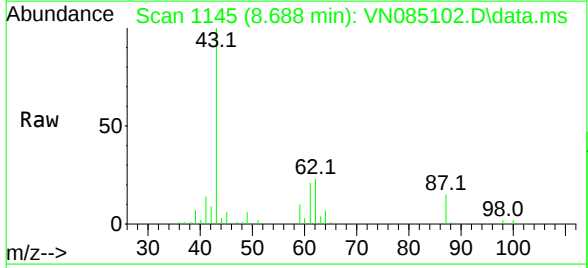
#43
Isopropyl Acetate
Concen: 49.260 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion: 43 Resp: 220545
Ion Ratio Lower Upper
43 100
61 25.9 20.6 30.8
87 13.3 11.0 16.4

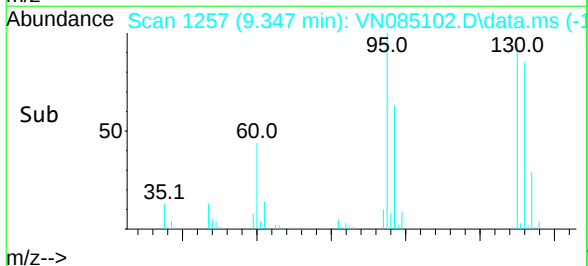
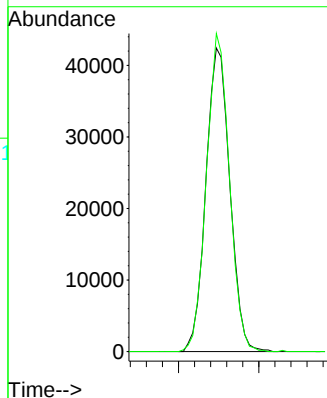
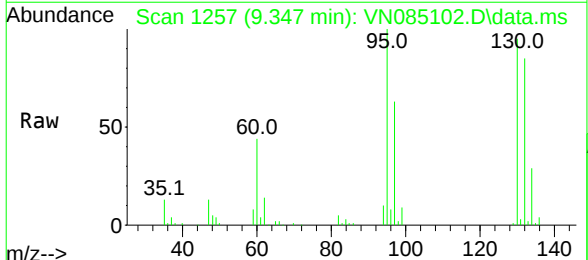
Manual Integrations
APPROVED

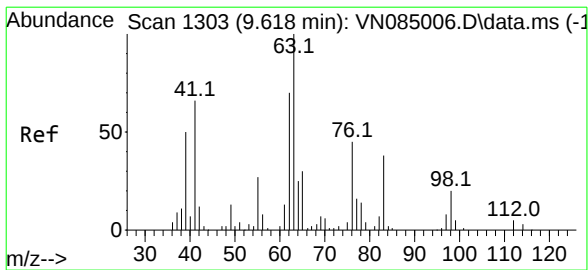
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#44
Trichloroethene
Concen: 50.457 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion:130 Resp: 87931
Ion Ratio Lower Upper
130 100
95 104.8 0.0 213.4





#45

1,2-Dichloropropane

Concen: 50.976 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion: 63 Resp: 94150

Ion Ratio Lower Upper

63 100

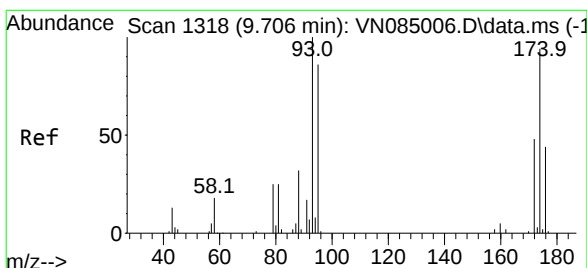
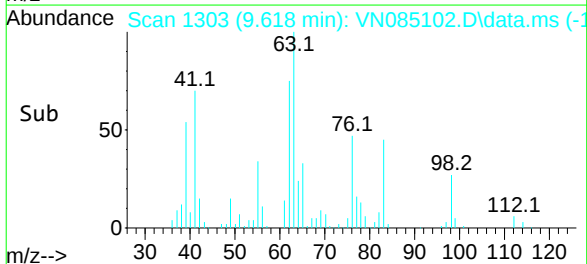
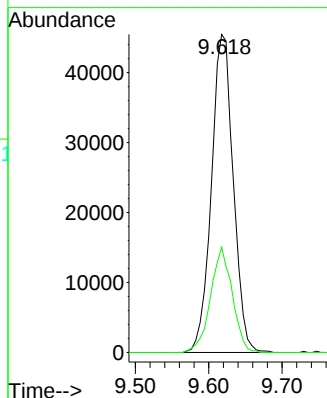
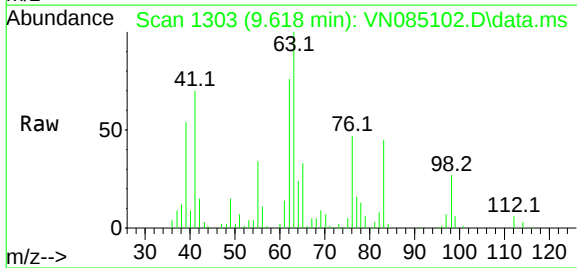
65 33.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#46

Dibromomethane

Concen: 51.816 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

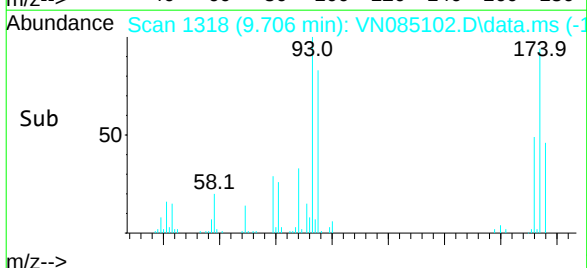
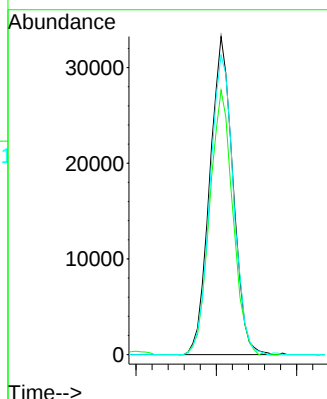
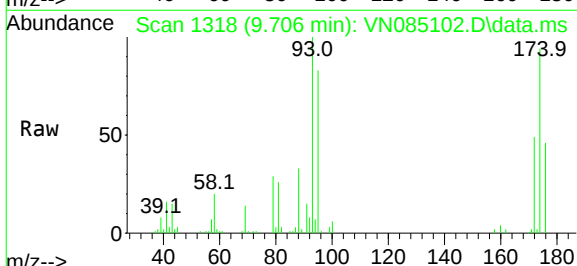
Tgt Ion: 93 Resp: 66500

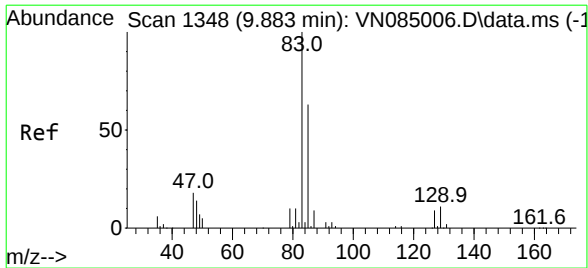
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 95.3 74.9 112.3





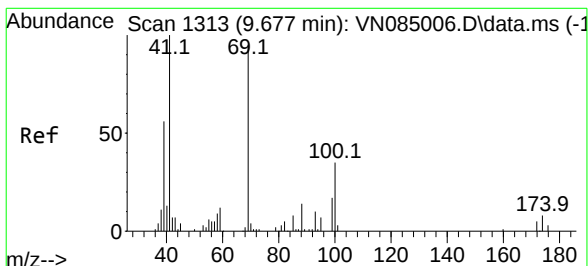
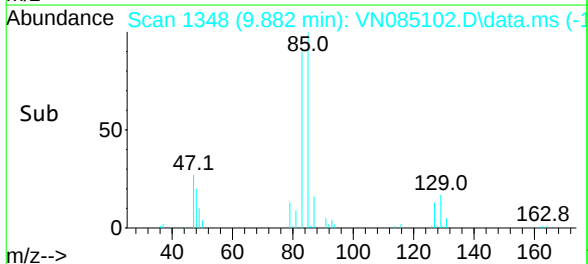
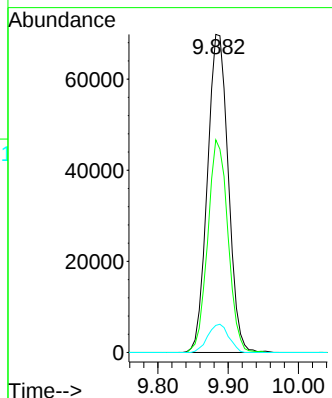
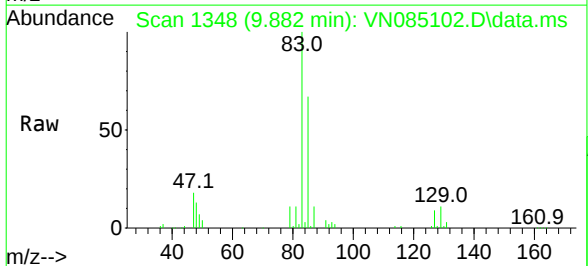
#47
 Bromodichloromethane
 Concen: 52.862 ug/l
 RT: 9.882 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

Instrument : MSVOA_N
 ClientSampleId : UNIT-51-RS-SW001-01MS

Tgt Ion:	83	Resp:	143787
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.5	75.7
127	8.5	7.1	10.7

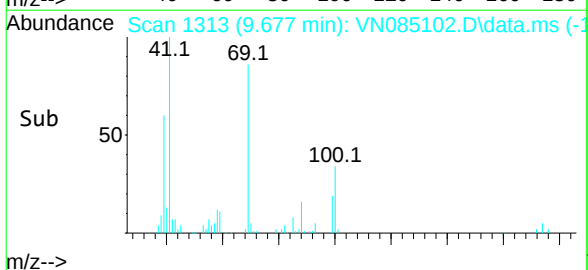
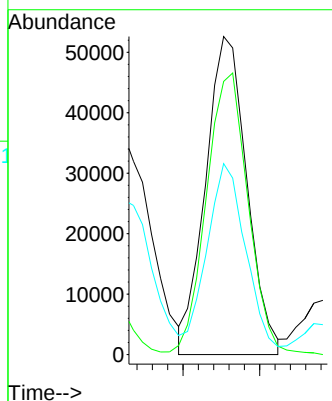
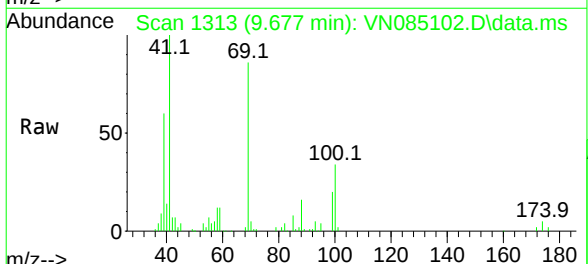
Manual Integrations
 APPROVED

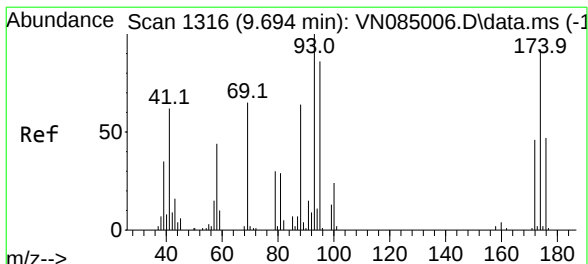
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#48
 Methyl methacrylate
 Concen: 59.050 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

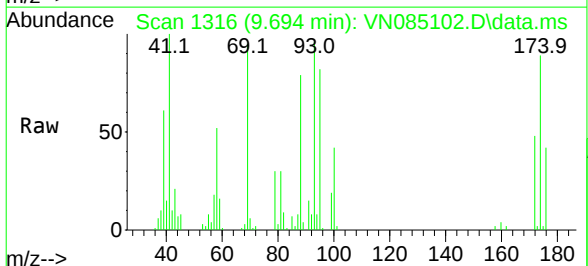
Tgt Ion:	41	Resp:	98381
Ion	Ratio	Lower	Upper
41	100		
69	89.7	73.2	109.8
39	57.5	46.2	69.4





#49
1,4-Dioxane
Concen: 1273.861 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument : MSVOA_N
ClientSampleId : UNIT-51-RS-SW001-01MS

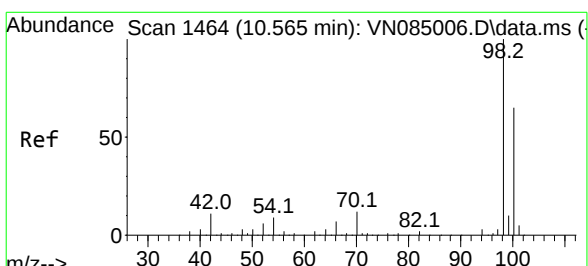
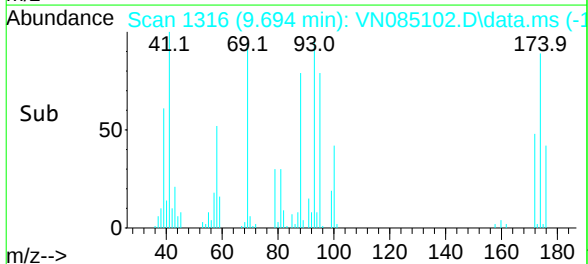
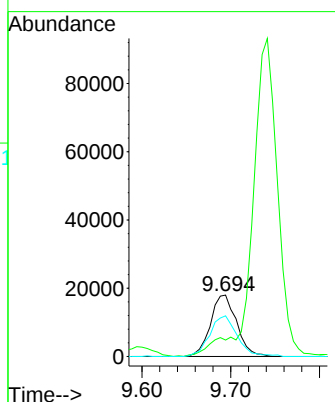


Tgt Ion: 88 Resp: 36805

Ion	Ratio	Lower	Upper
88	100		
43	22.8	16.7	25.1
58	69.8	56.5	84.7

Manual Integrations
APPROVED

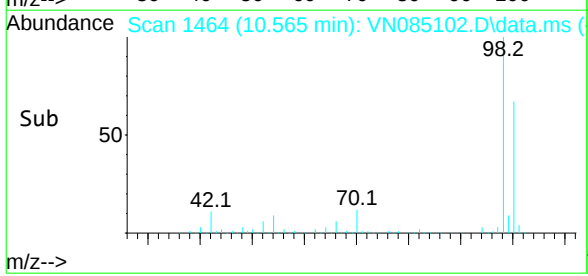
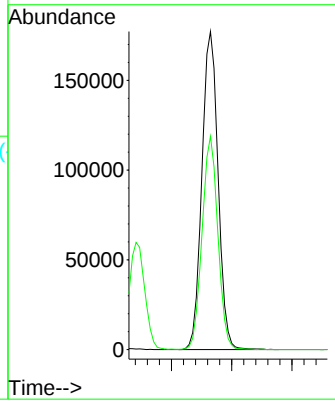
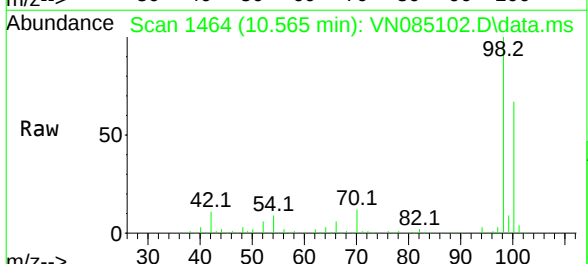
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

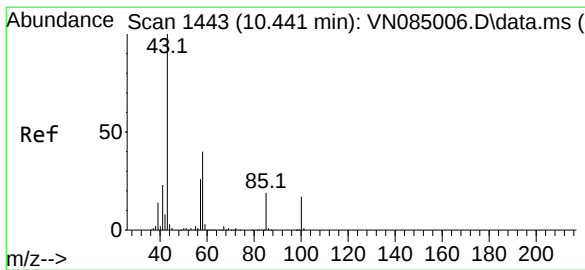


#50
Toluene-d8
Concen: 52.601 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 98 Resp: 329967

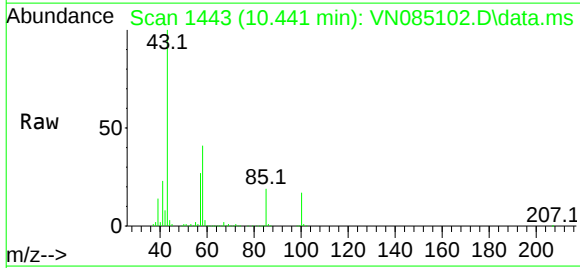
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 318.069 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

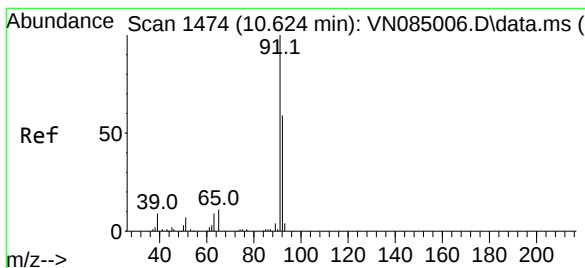
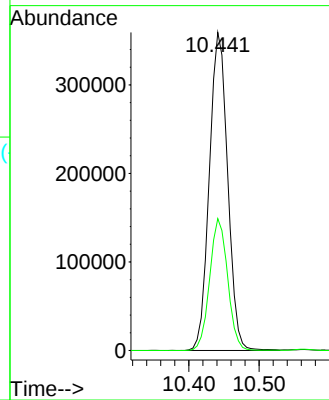
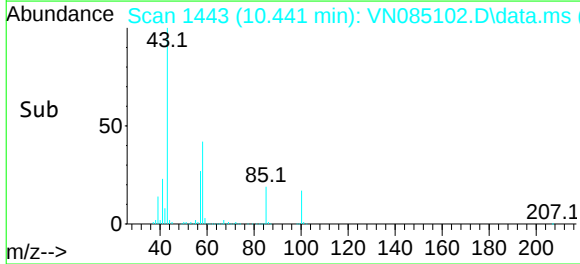
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 43 Resp: 650442
Ion Ratio Lower Upper
43 100
58 40.6 32.1 48.1

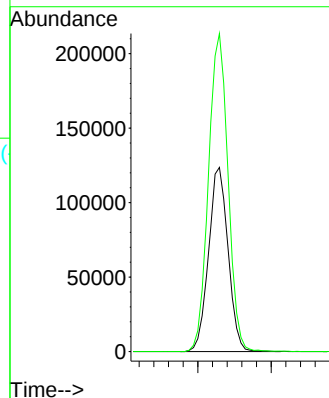
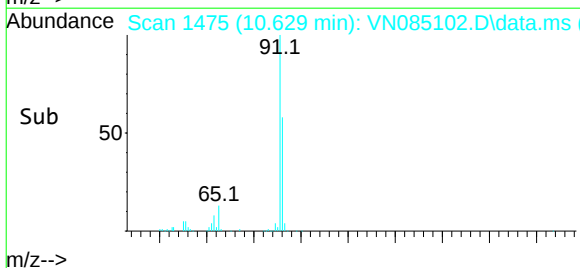
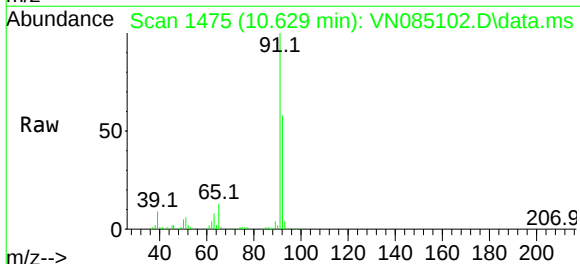
Manual Integrations
APPROVED

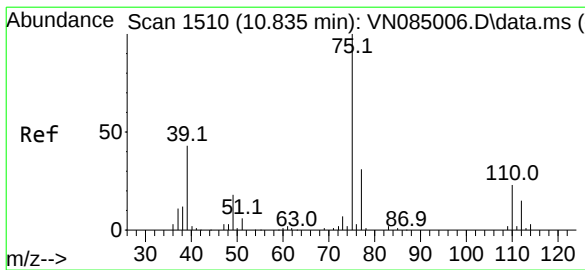
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#52
Toluene
Concen: 51.451 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

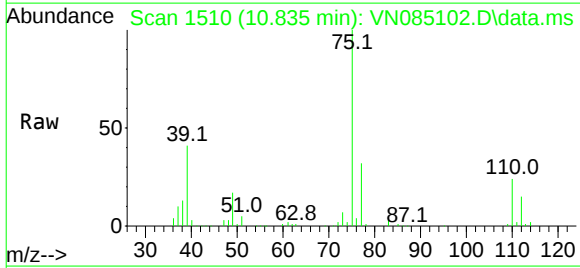
Tgt Ion: 92 Resp: 228403
Ion Ratio Lower Upper
92 100
91 173.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 53.206 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

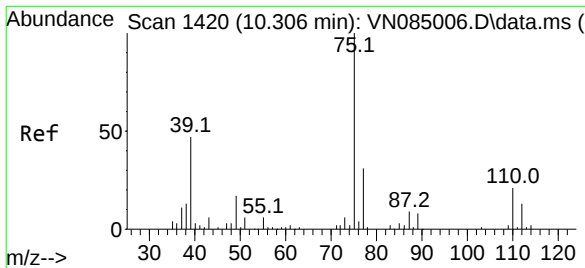
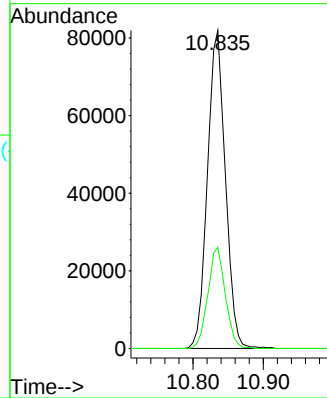
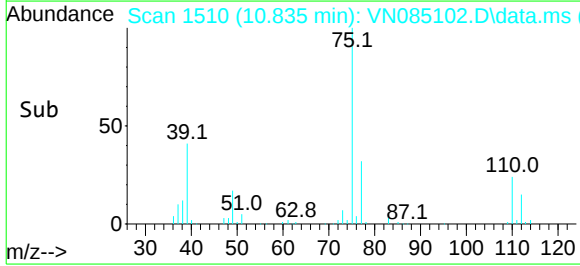
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



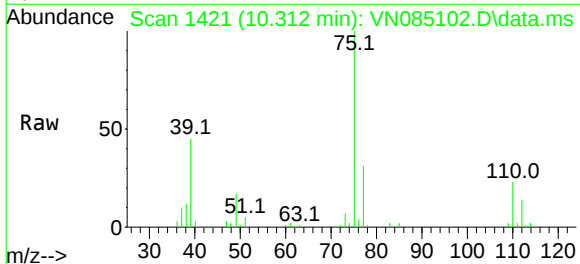
Tgt Ion: 75 Resp: 145092
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

Manual Integrations
APPROVED

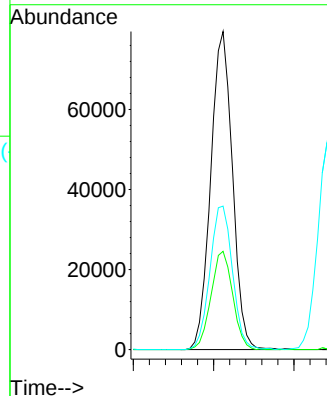
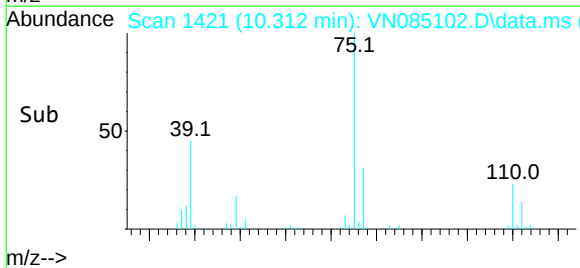
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

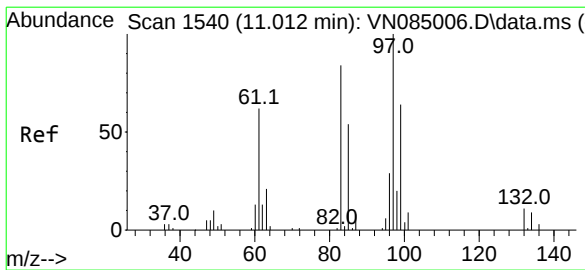


#54
cis-1,3-Dichloropropene
Concen: 51.604 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25



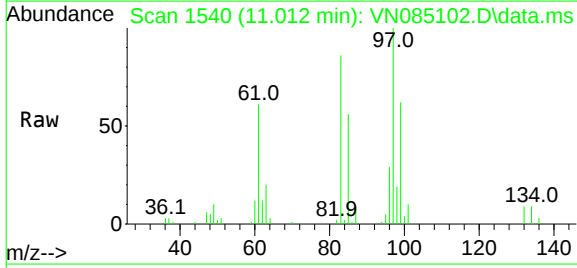
Tgt Ion: 75 Resp: 149292
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 45.1 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 56.502 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

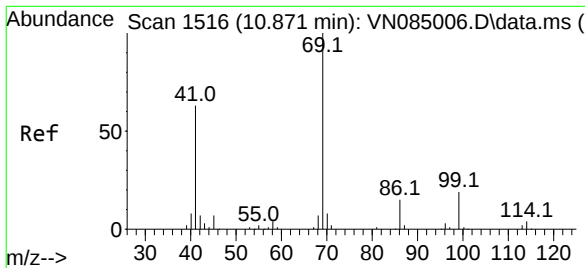
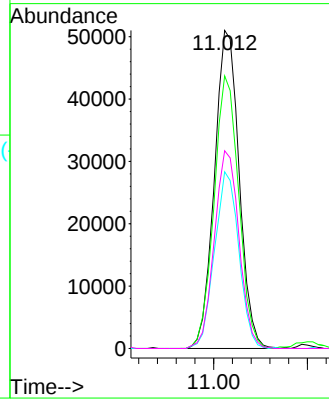
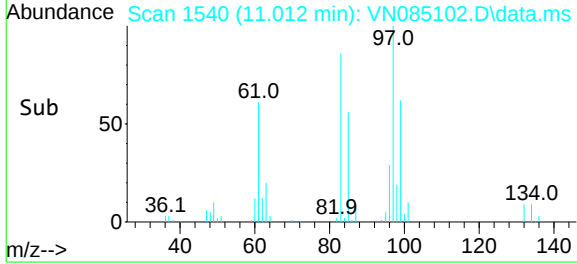
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.4	101.2
85	55.6	43.1	64.7
99	62.2	50.9	76.3

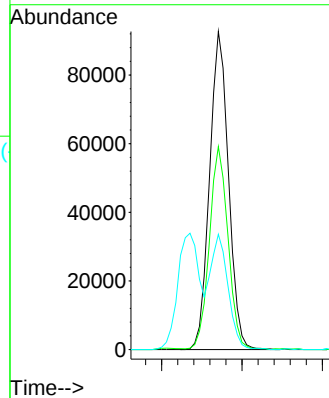
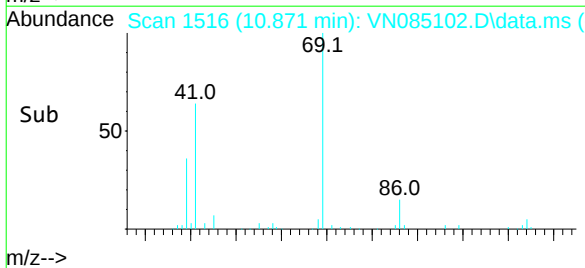
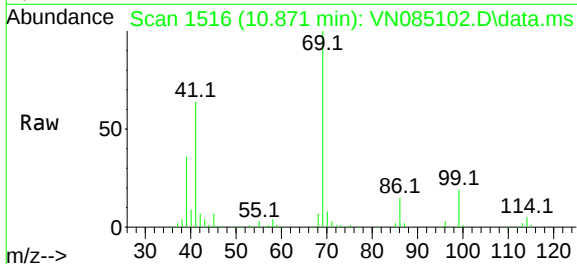
Manual Integrations
APPROVED

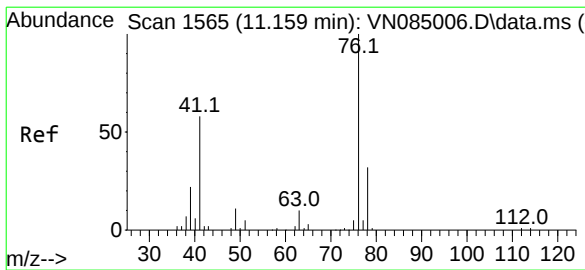
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#56
Ethyl methacrylate
Concen: 62.688 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

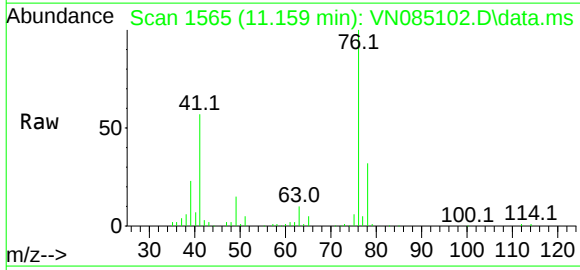
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.0	75.0
39	34.3	27.0	40.6





#57
1,3-Dichloropropane
Concen: 54.394 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

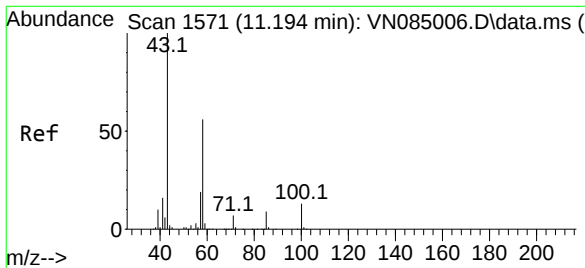
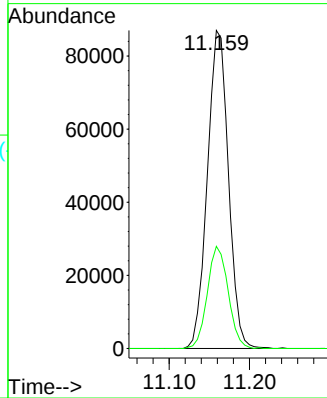
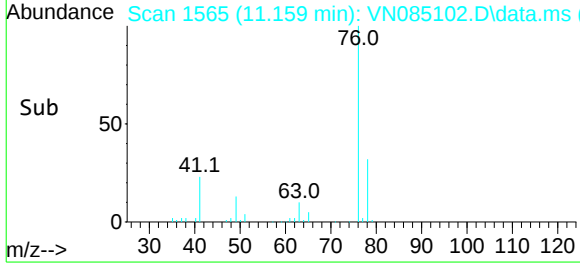
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 76 Resp: 158297
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

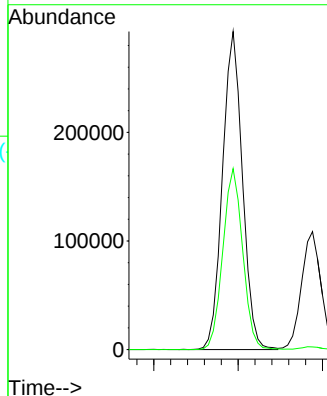
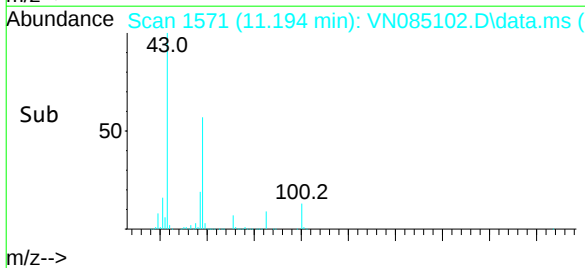
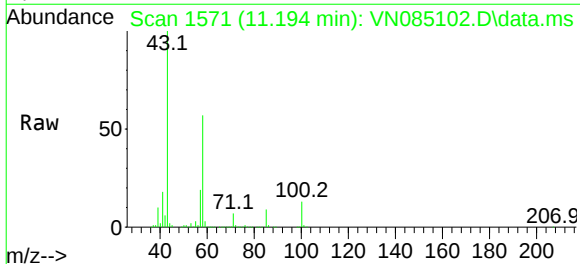
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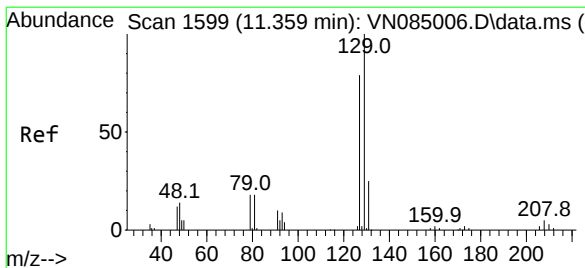
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#59
2-Hexanone
Concen: 314.575 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 43 Resp: 481124
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0





#60

Dibromochloromethane

Concen: 55.475 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion:129 Resp: 112107

Ion Ratio Lower Upper

129 100

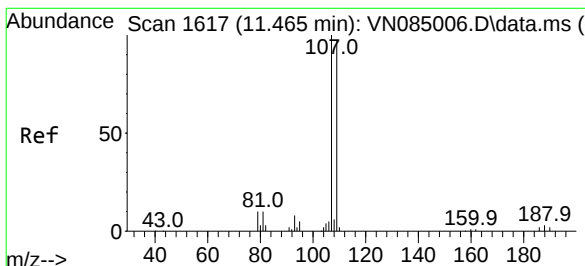
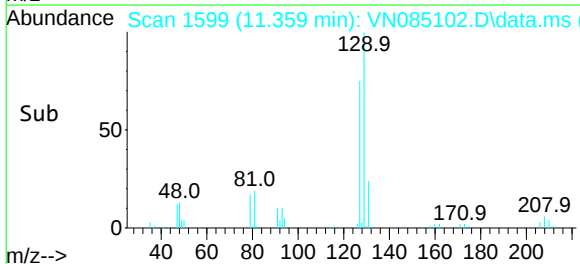
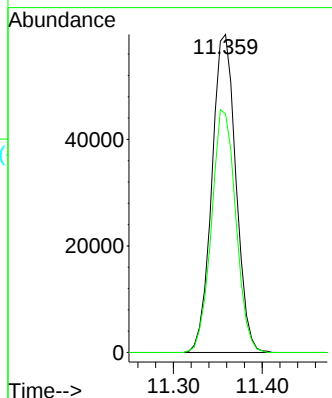
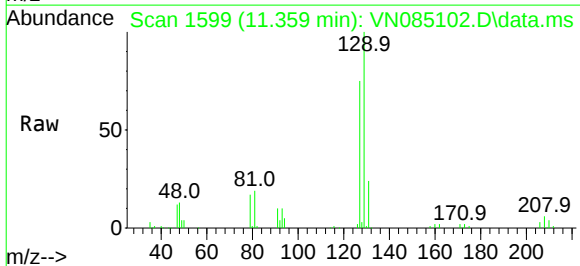
127 77.2 39.2 117.6

Manual Integrations

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Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#61

1,2-Dibromoethane

Concen: 54.076 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085102.D

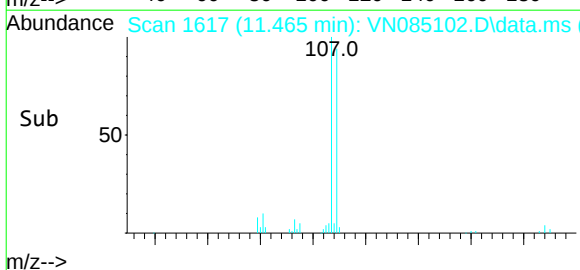
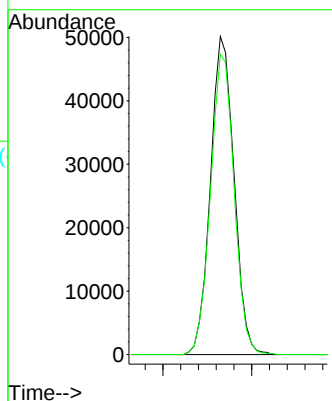
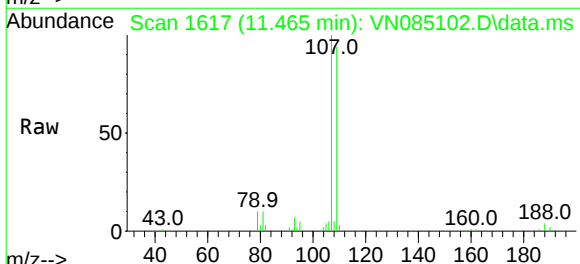
Acq: 04 Dec 2024 18:25

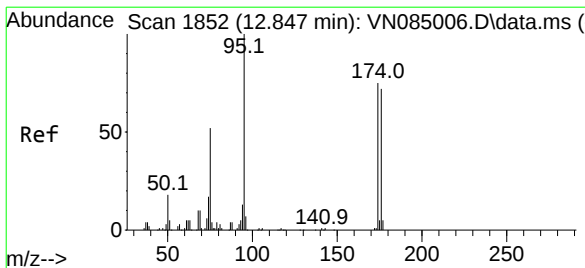
Tgt Ion:107 Resp: 92539

Ion Ratio Lower Upper

107 100

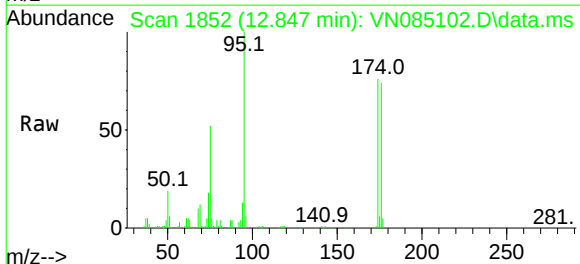
109 94.6 76.1 114.1





#62
4-Bromofluorobenzene
Concen: 53.030 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

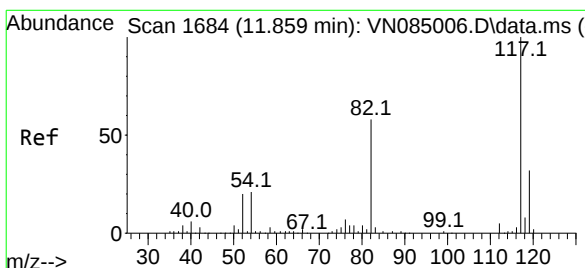
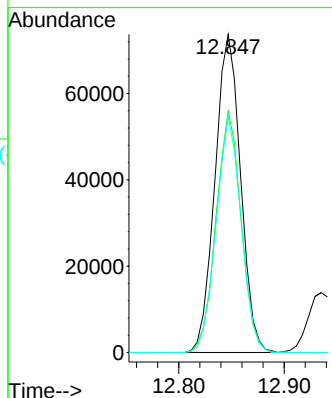
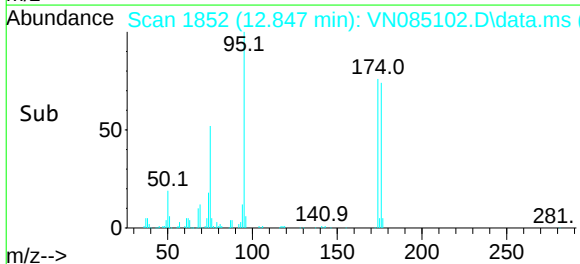
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion: 95 Resp: 124403
Ion Ratio Lower Upper
95 100
174 74.2 0.0 146.6
176 72.5 0.0 141.8

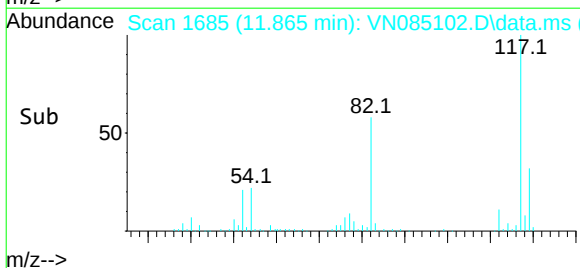
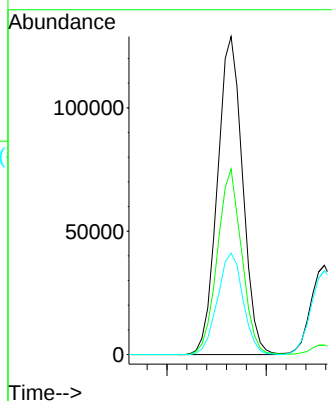
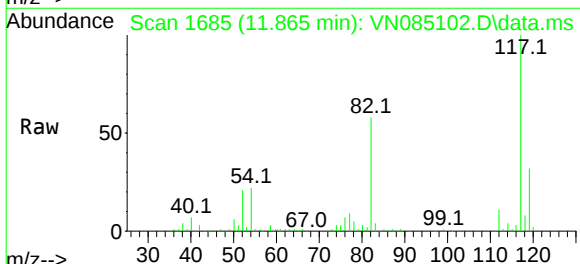
Manual Integrations
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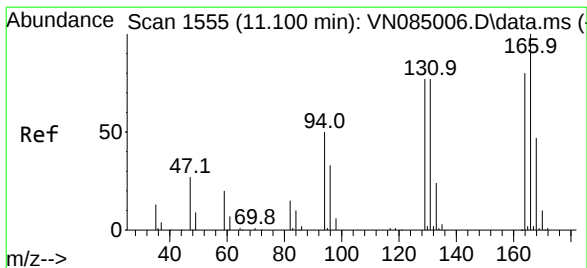
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion:117 Resp: 227124
Ion Ratio Lower Upper
117 100
82 58.4 46.0 69.0
119 31.9 25.6 38.4





#64

Tetrachloroethene

Concen: 47.487 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085102.D

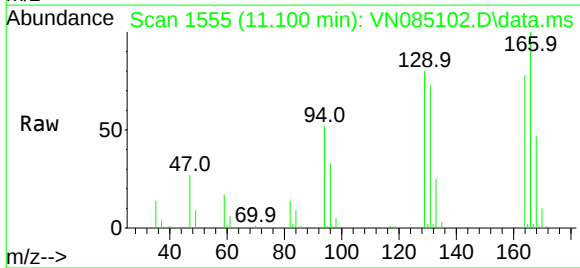
Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS



Tgt Ion:164 Resp: 72675

Ion Ratio Lower Upper

164 100

166 127.8 100.6 151.0

129 102.7 77.7 116.5

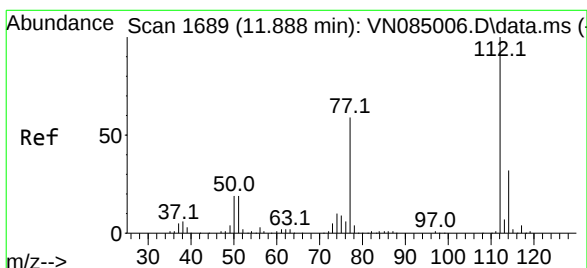
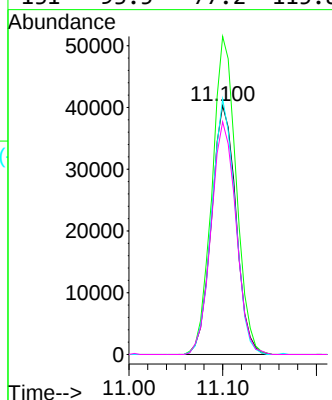
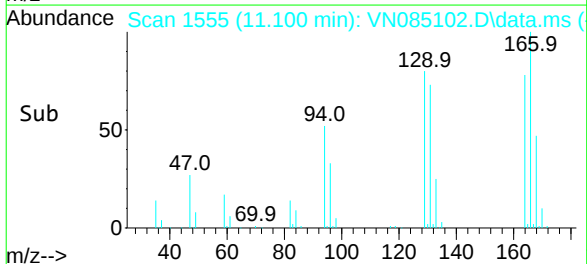
131 93.5 77.2 115.8

Manual Integrations

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Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#65

Chlorobenzene

Concen: 49.244 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN085102.D

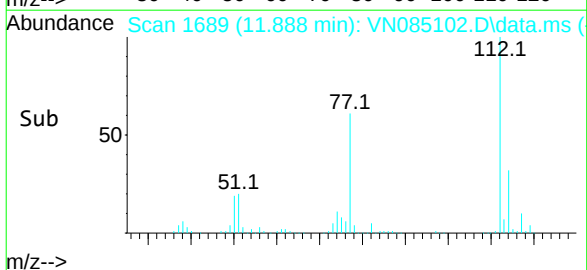
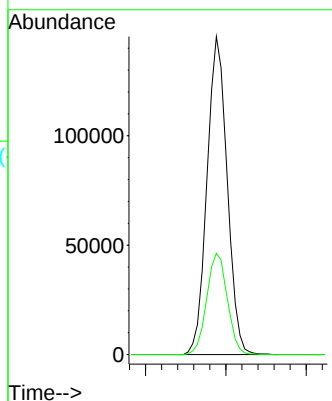
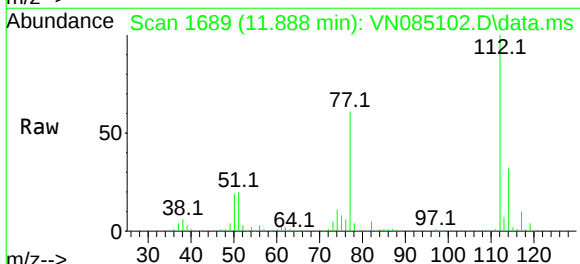
Acq: 04 Dec 2024 18:25

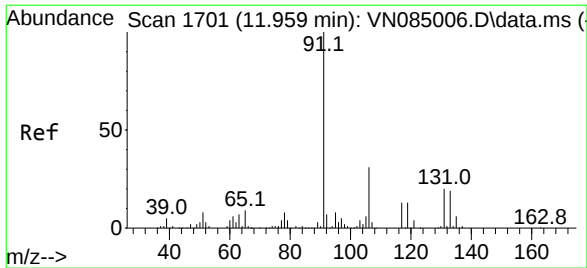
Tgt Ion:112 Resp: 253651

Ion Ratio Lower Upper

112 100

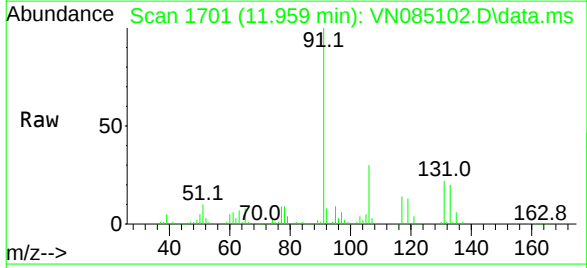
114 31.9 25.8 38.6





#66
1,1,1,2-Tetrachloroethane
Concen: 55.375 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

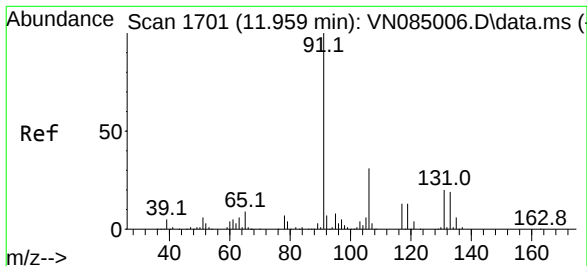
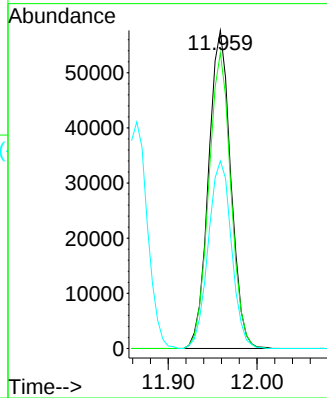
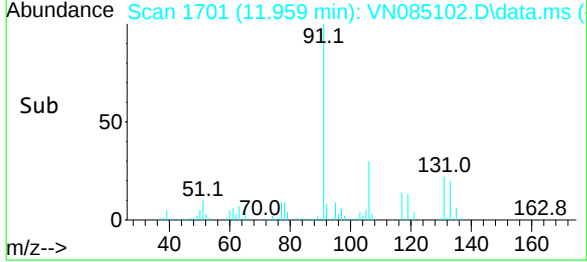
Instrument : MSVOA_N
ClientSampleId : UNIT-51-RS-SW001-01MS



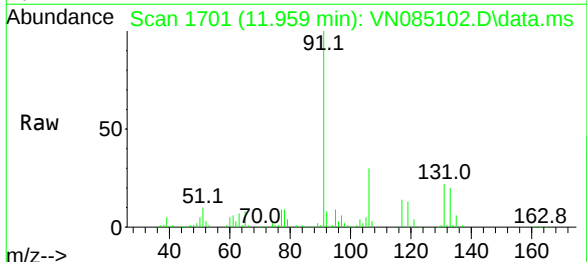
Tgt Ion: 131 Resp: 100426
Ion Ratio Lower Upper
131 100
133 92.4 47.8 143.4
119 61.6 32.1 96.3

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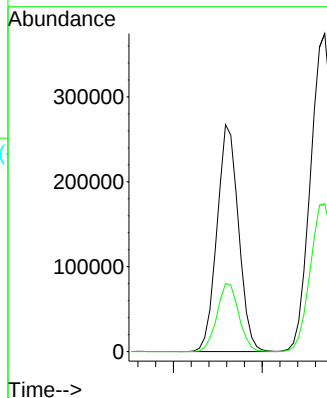
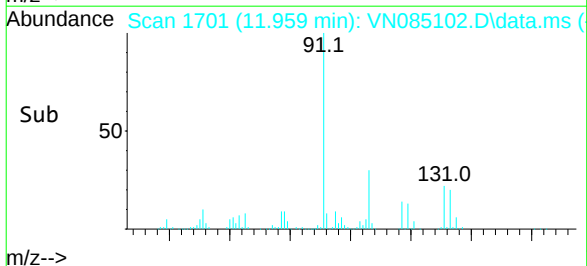
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

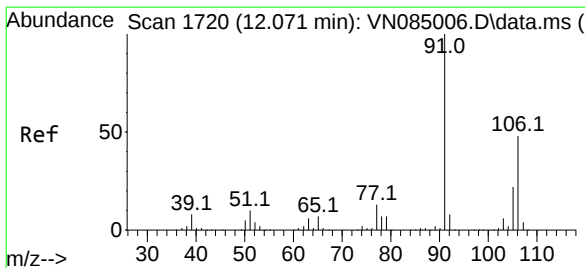


#67
Ethyl Benzene
Concen: 53.910 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25



Tgt Ion: 91 Resp: 450515
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1





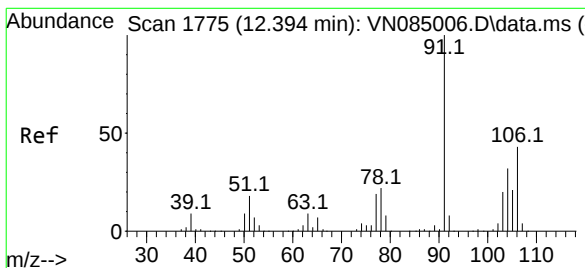
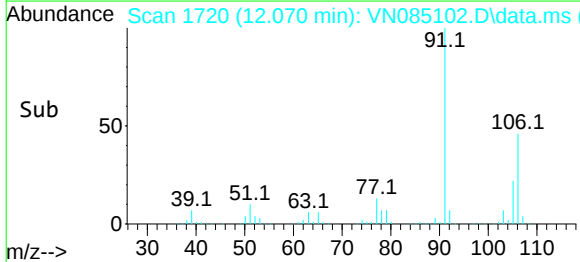
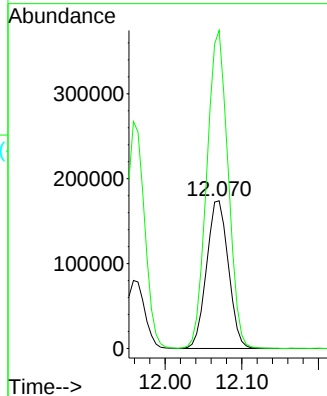
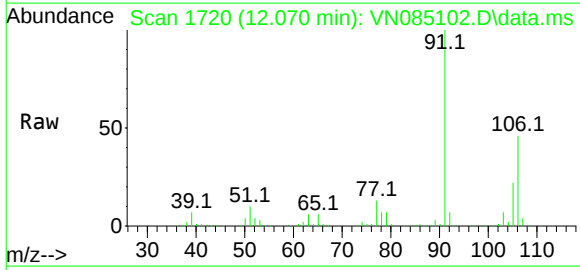
#68
m/p-Xylenes
Concen: 108.147 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion:106 Resp: 344075
Ion Ratio Lower Upper
106 100
91 209.9 168.0 252.0

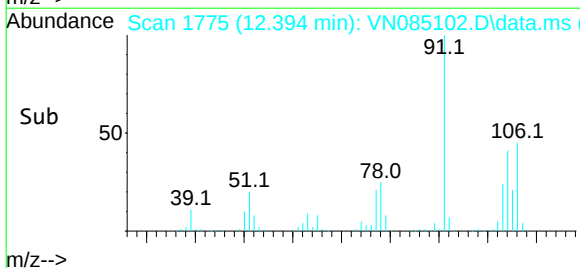
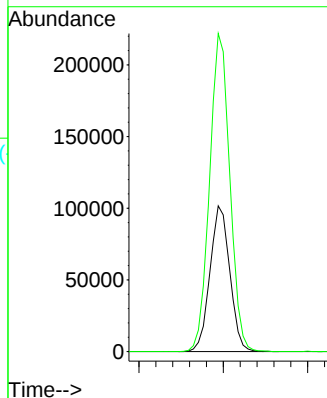
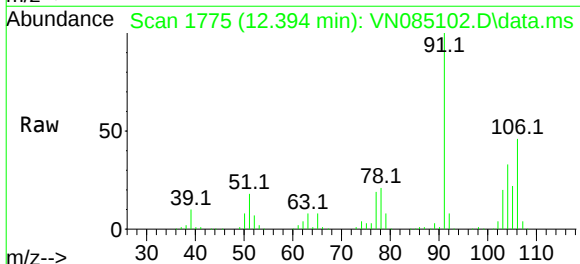
Manual Integrations
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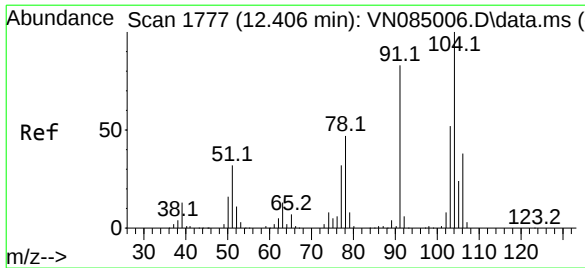
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#69
o-Xylene
Concen: 54.838 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion:106 Resp: 165964
Ion Ratio Lower Upper
106 100
91 222.6 110.7 331.9





#70

Styrene

Concen: 57.898 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

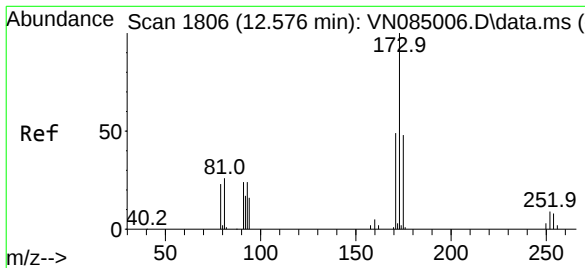
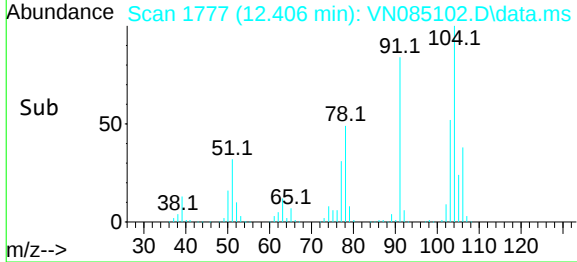
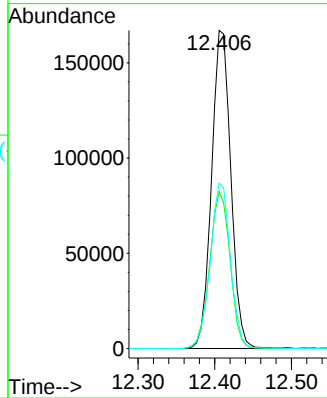
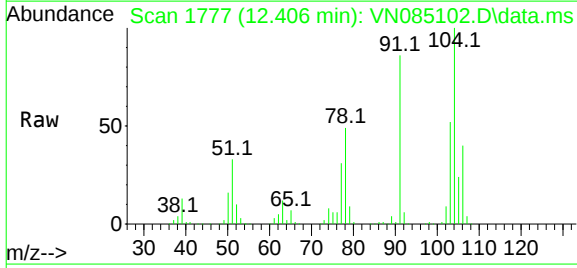
ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion:	104	Resp:	291395
Ion Ratio	Lower	Upper	
104	100		
78	51.9	42.3	63.5
103	54.4	44.2	66.2

Manual Integrations
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Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#71

Bromoform

Concen: 57.690 ug/l

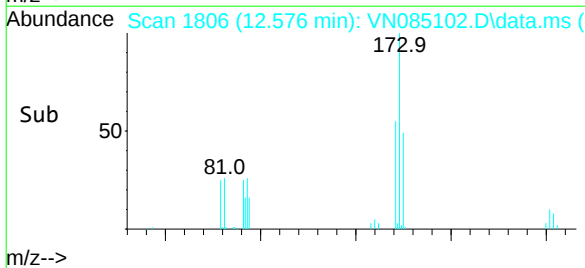
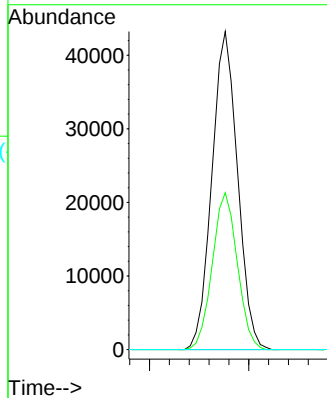
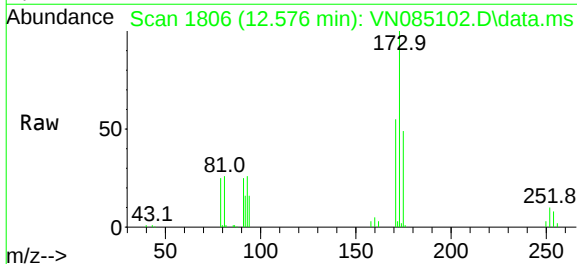
RT: 12.576 min Scan# 1806

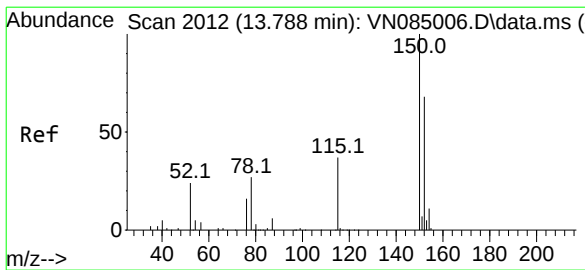
Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

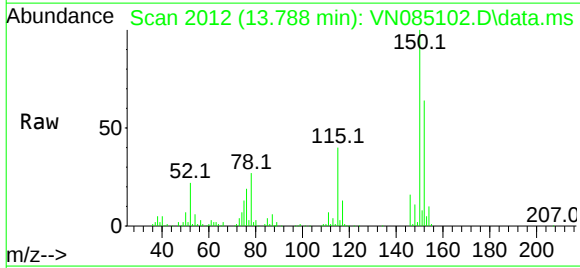
Tgt Ion:	173	Resp:	77662
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.8	71.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

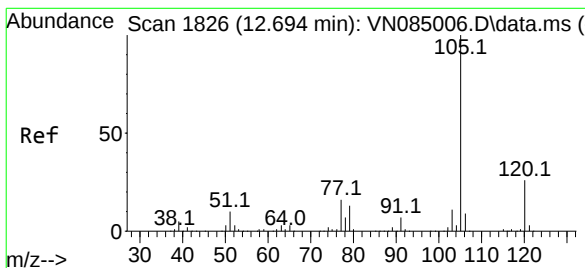
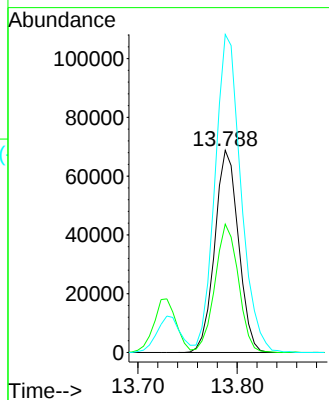
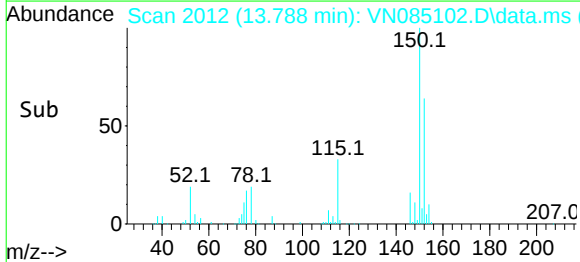
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion:152 Resp: 114296
Ion Ratio Lower Upper
152 100
115 63.0 31.7 95.1
150 172.4 0.0 351.4

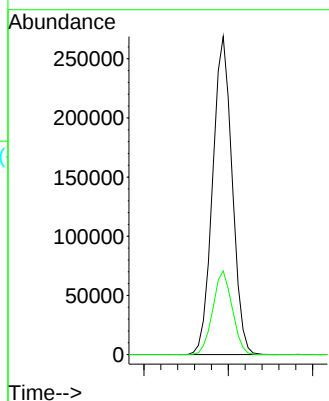
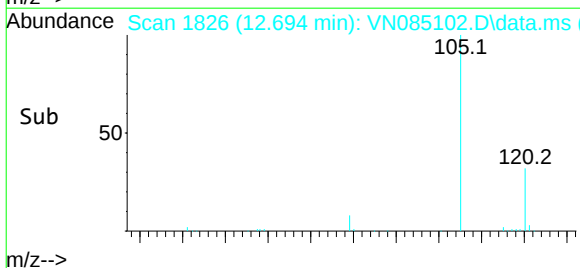
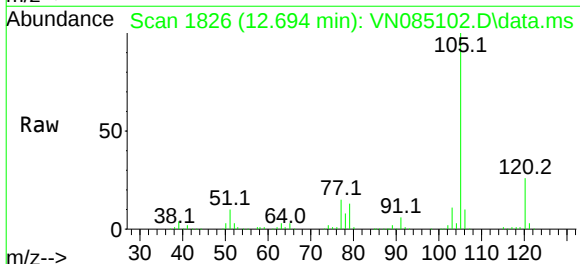
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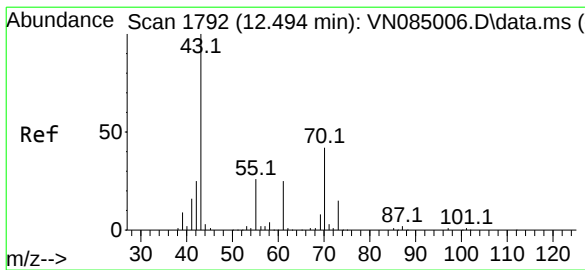
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#73
Isopropylbenzene
Concen: 53.578 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion:105 Resp: 432013
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0





#74

N-amy1 acetate

Concen: 56.335 ug/l

RT: 12.494 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion: 43 Resp: 187182

Ion Ratio Lower Upper

43 100

70 44.1 34.6 51.8

55 26.2 20.5 30.7

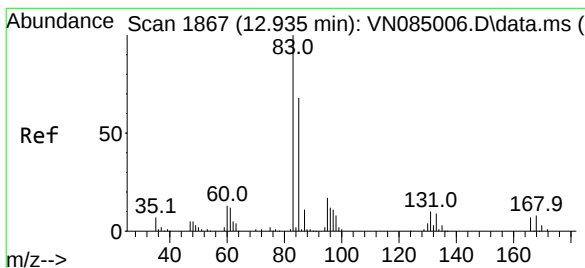
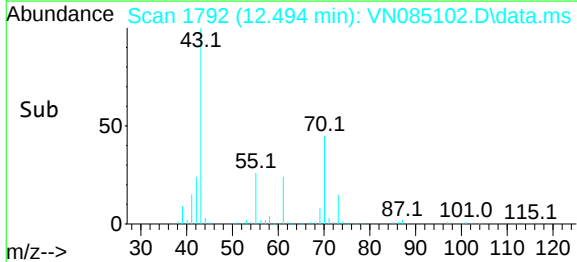
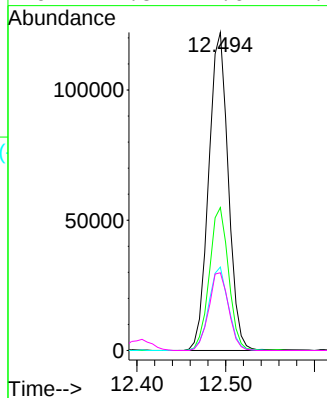
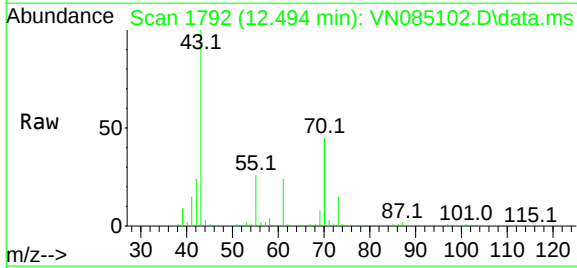
61 24.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 50.451 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

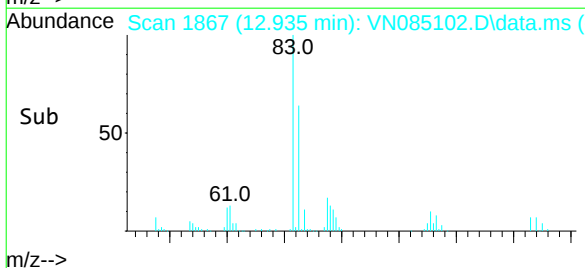
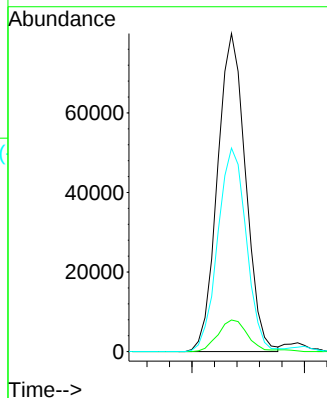
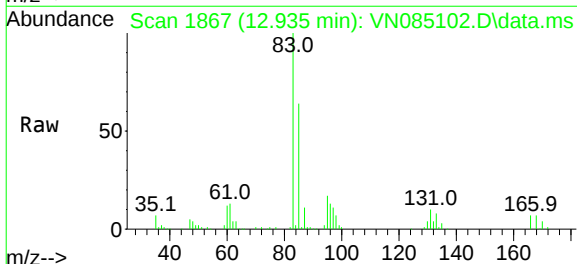
Tgt Ion: 83 Resp: 138912

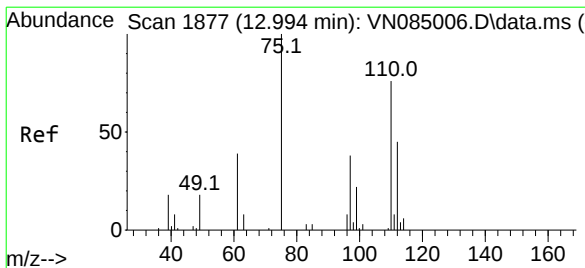
Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 65.1 32.1 96.3





#76

1,2,3-Trichloropropane

Concen: 52.752 ug/l m

RT: 12.994 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085102.D

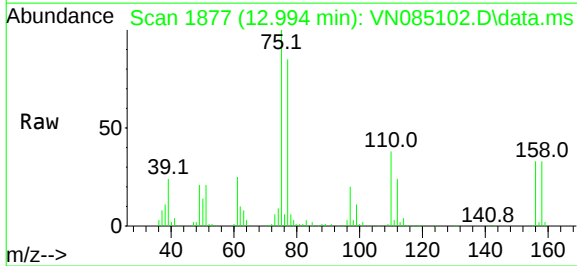
Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS



Tgt Ion: 75 Resp: 109670

Ion Ratio Lower Upper

75 100

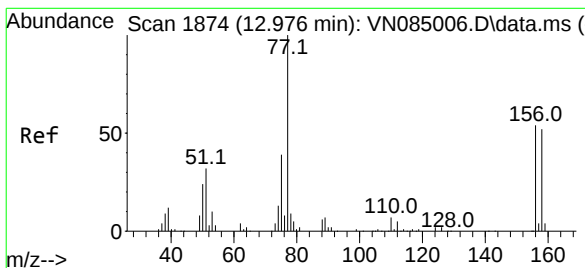
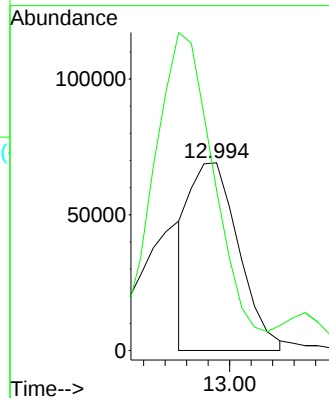
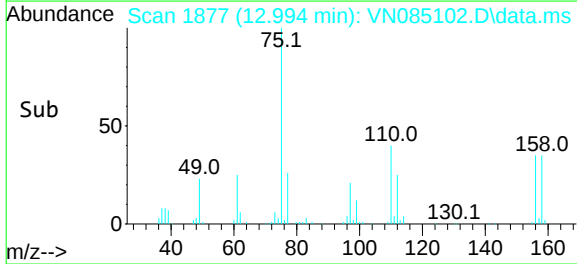
77 213.0 109.1 327.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#77

Bromobenzene

Concen: 48.729 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

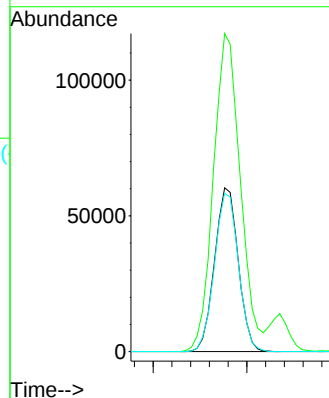
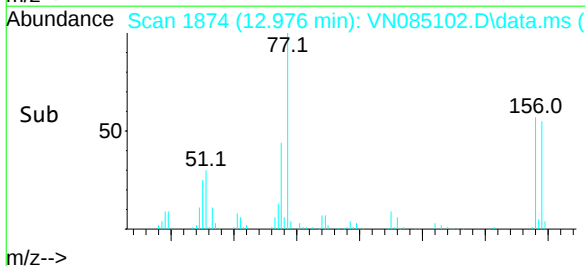
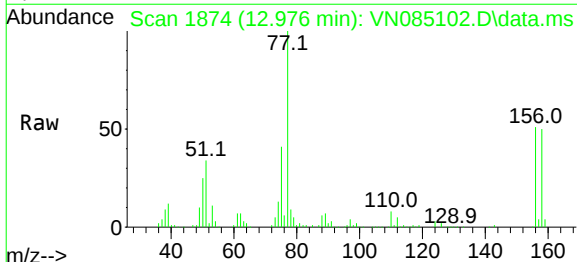
Tgt Ion:156 Resp: 105735

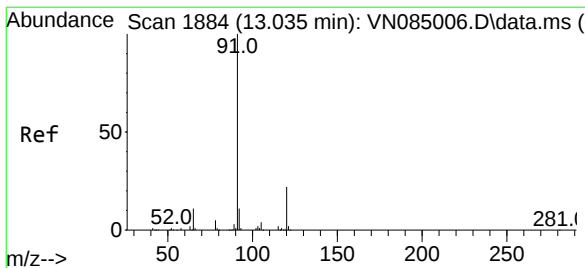
Ion Ratio Lower Upper

156 100

77 220.9 107.2 321.6

158 97.9 48.5 145.6





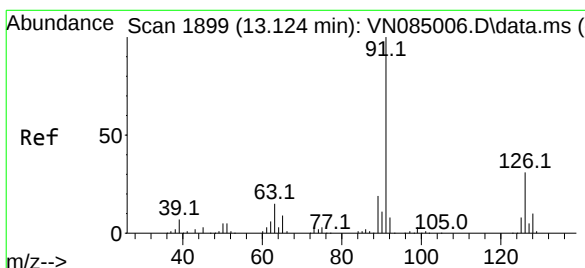
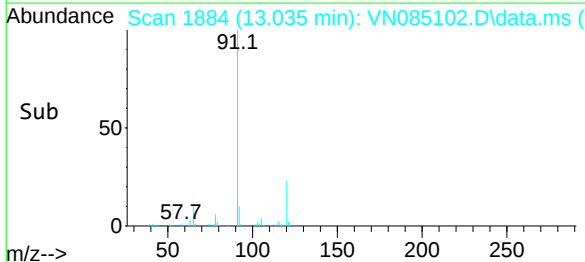
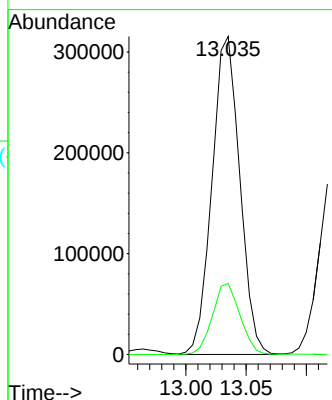
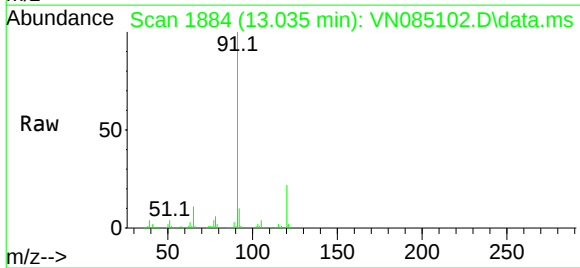
#78
n-propylbenzene
Concen: 54.429 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS

Tgt Ion: 91 Resp: 506198
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9

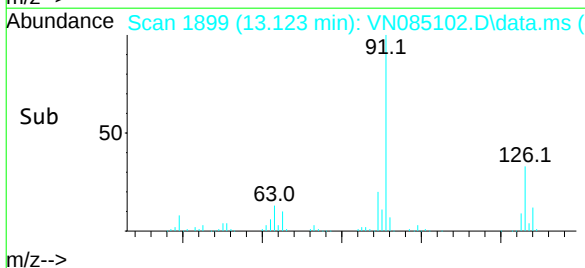
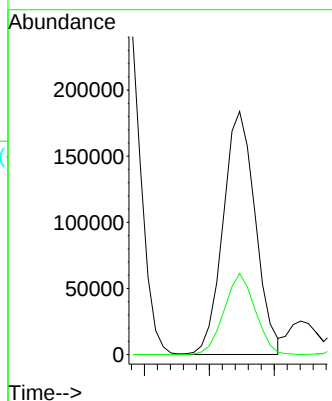
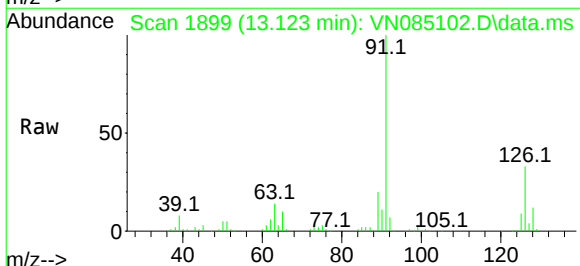
Manual Integrations
APPROVED

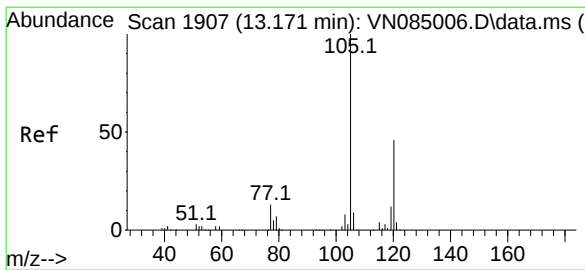
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#79
2-Chlorotoluene
Concen: 51.168 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 91 Resp: 317665
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 55.379 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion:105 Resp: 374700

Ion Ratio Lower Upper

105 100

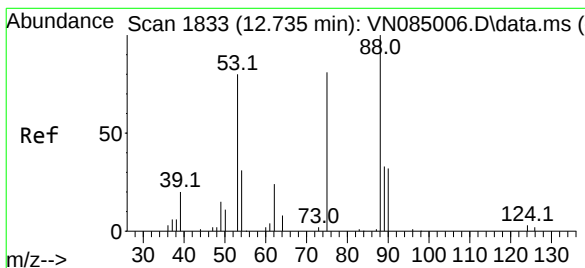
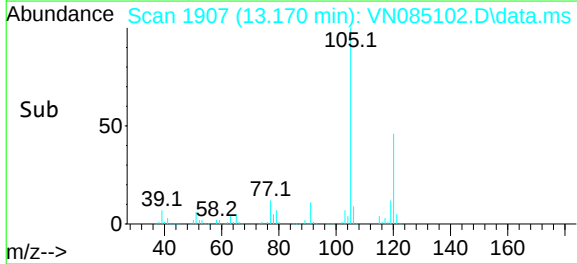
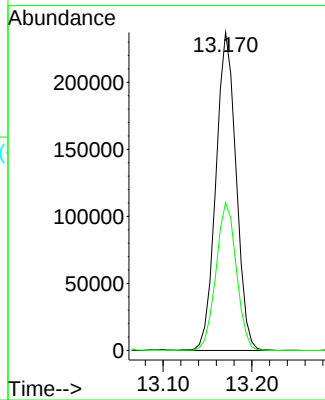
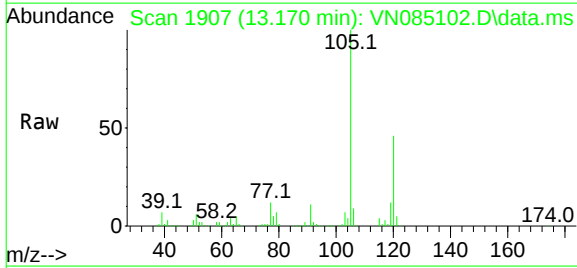
120 46.9 23.6 71.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 57.594 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

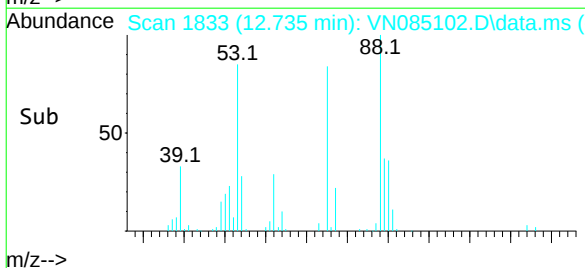
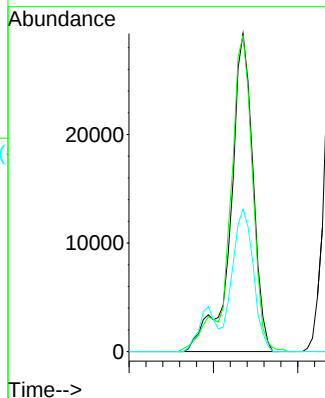
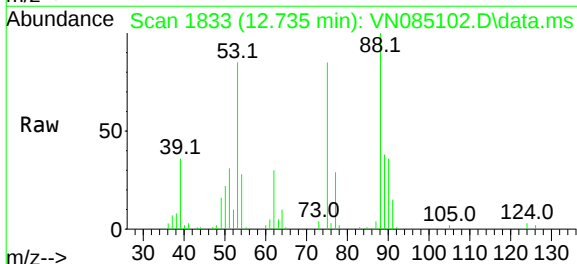
Tgt Ion: 75 Resp: 54239

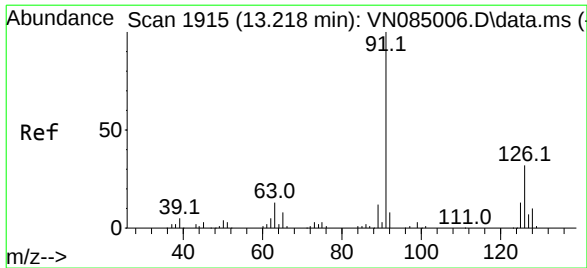
Ion Ratio Lower Upper

75 100

53 100.4 78.2 117.4

89 42.3 37.9 56.9





#82

4-Chlorotoluene

Concen: 49.628 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion: 91 Resp: 320743

Ion Ratio Lower Upper

91 100

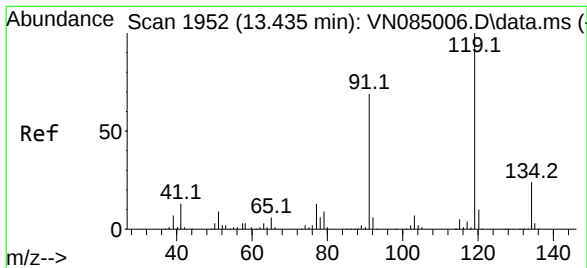
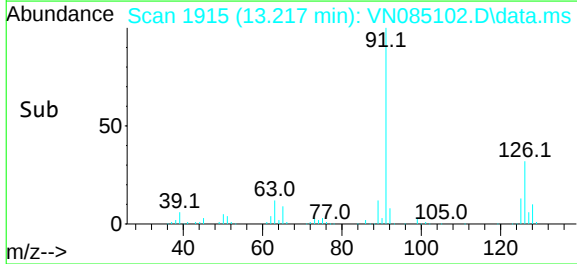
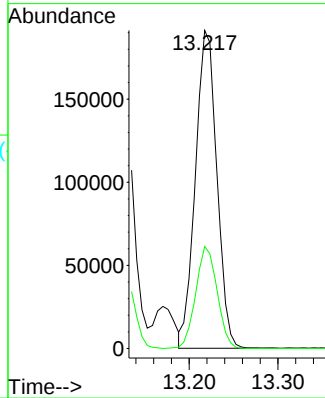
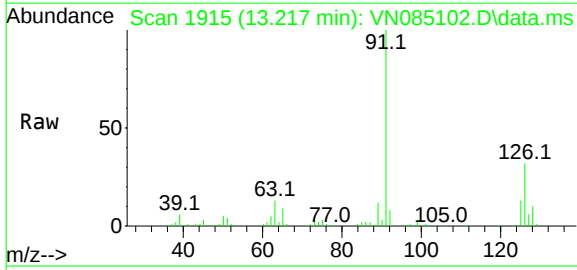
126 32.0 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#83

tert-Butylbenzene

Concen: 53.484 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

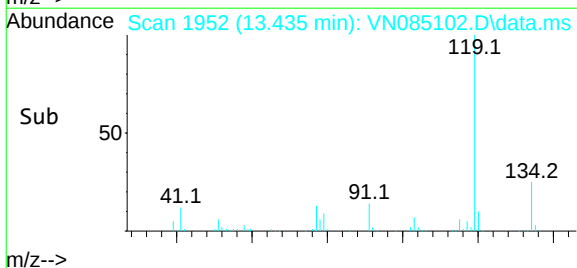
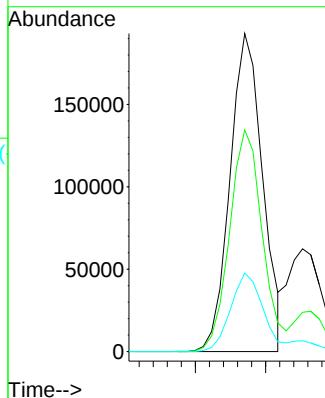
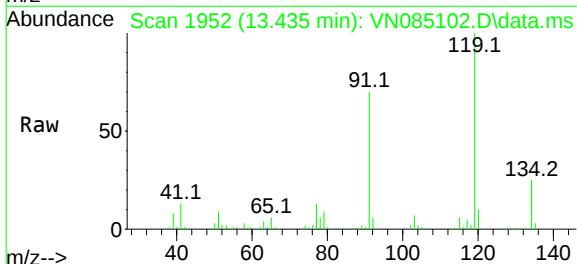
Tgt Ion:119 Resp: 311362

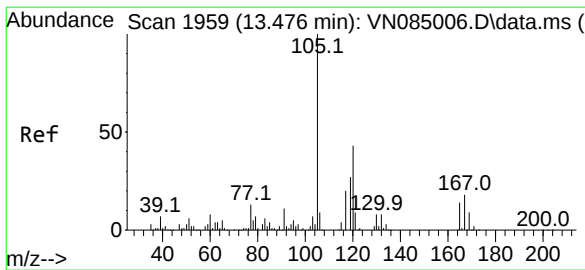
Ion Ratio Lower Upper

119 100

91 70.2 35.1 105.5

134 24.5 12.1 36.3





#84

1,2,4-Trimethylbenzene

Concen: 53.609 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion:105 Resp: 373367

Ion Ratio Lower Upper

105 100

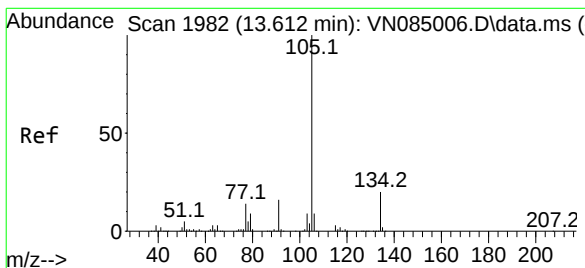
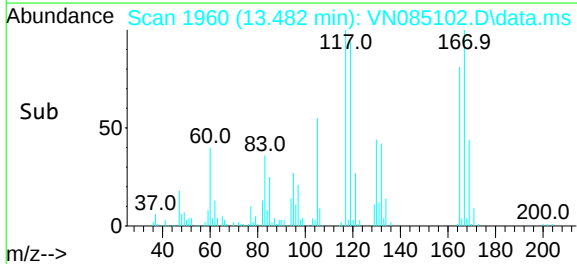
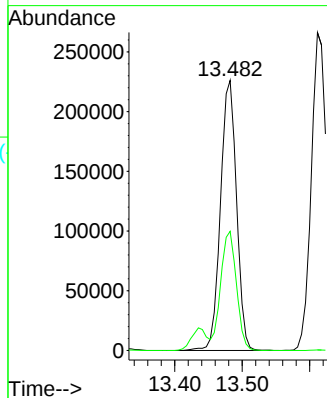
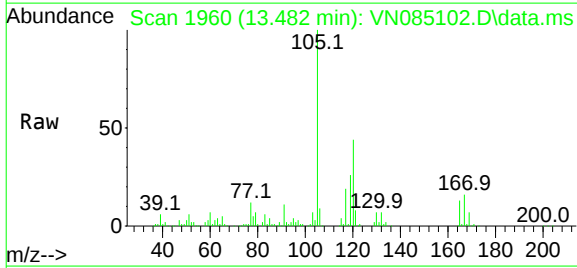
120 43.2 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#85

sec-Butylbenzene

Concen: 54.276 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085102.D

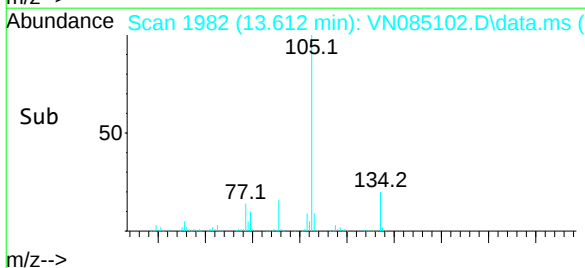
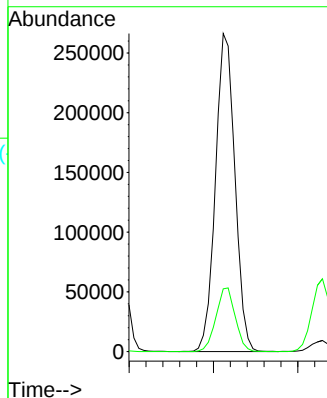
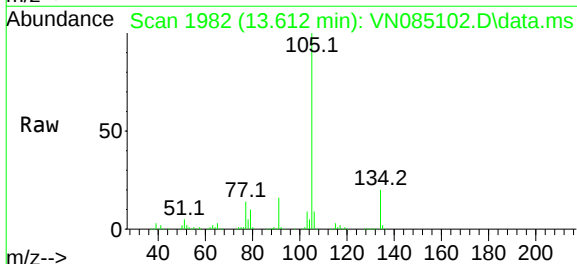
Acq: 04 Dec 2024 18:25

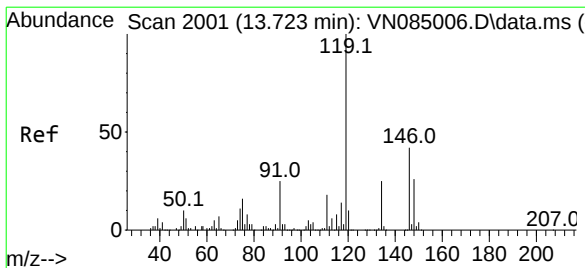
Tgt Ion:105 Resp: 426840

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3





#86

p-Isopropyltoluene

Concen: 56.110 ug/l

RT: 13.729 min Scan# 2001

Delta R.T. 0.006 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

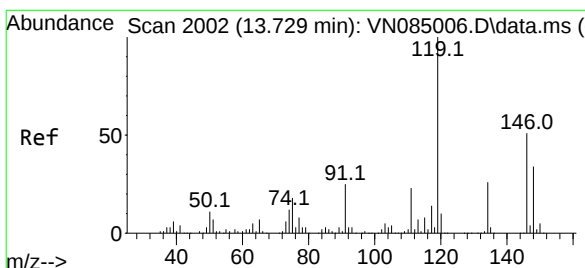
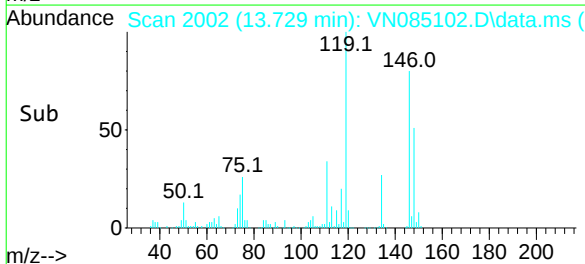
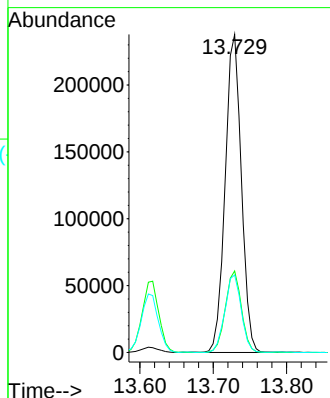
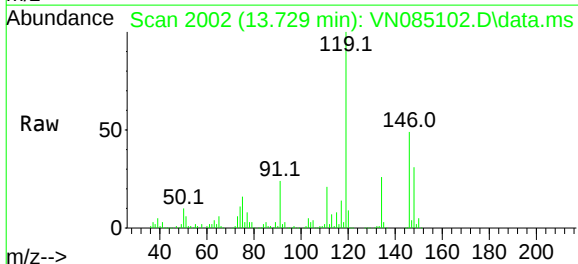
ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion:	119	Resp:	364257
Ion Ratio	Lower	Upper	
119	100		
134	25.5	13.0	39.0
91	24.7	12.8	38.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#87

1,3-Dichlorobenzene

Concen: 45.835 ug/l

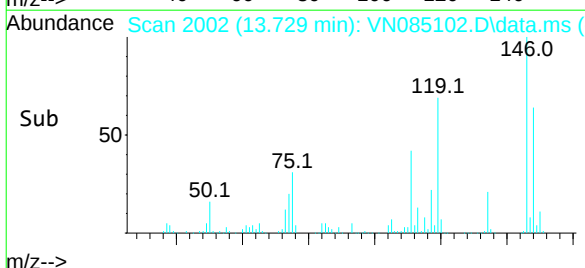
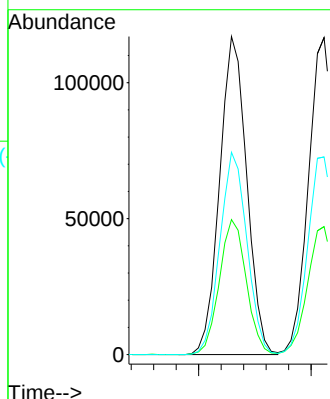
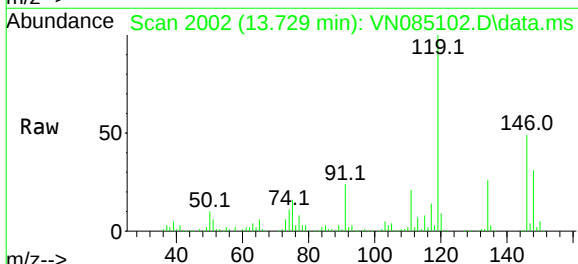
RT: 13.729 min Scan# 2002

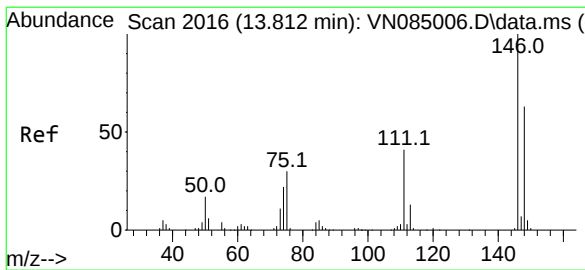
Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Tgt Ion:	146	Resp:	196167
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.6	65.0
148	63.3	32.2	96.6





#88

1,4-Dichlorobenzene

Concen: 44.771 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

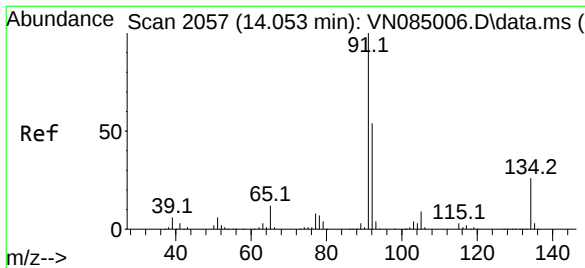
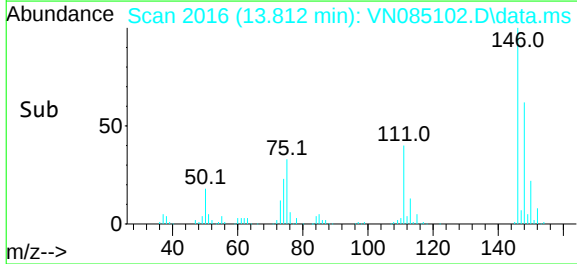
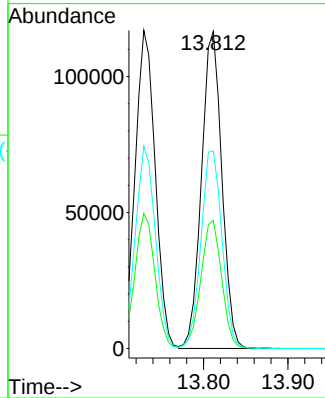
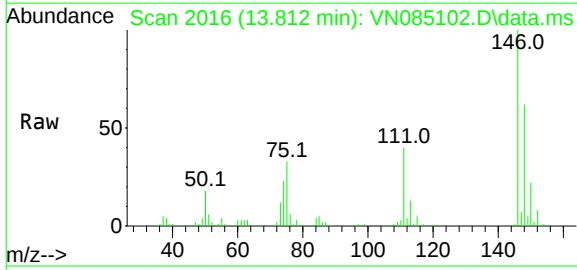
Tgt Ion:	146	Resp:	195543
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.8
148	64.5	31.3	93.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#89

n-Butylbenzene

Concen: 48.908 ug/l

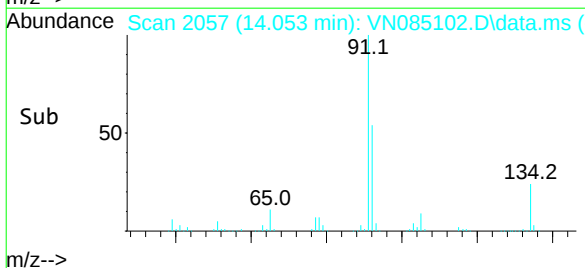
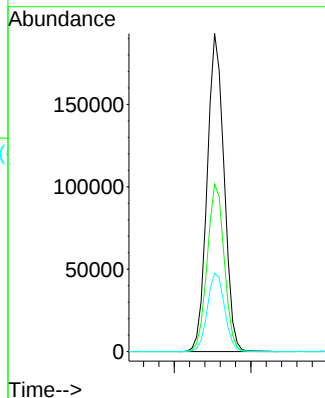
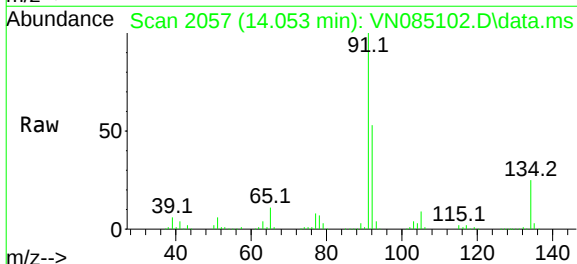
RT: 14.053 min Scan# 2057

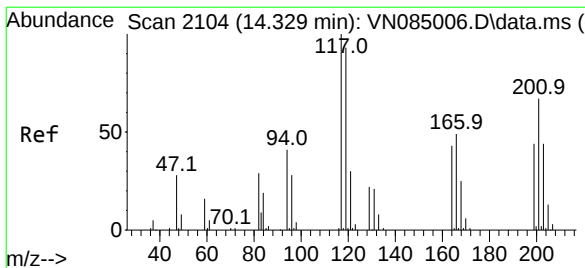
Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Tgt Ion:	91	Resp:	295269
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	25.1	12.8	38.4





#90

Hexachloroethane

Concen: 50.014 ug/l

RT: 14.335 min Scan# 2104

Delta R.T. 0.006 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

Tgt Ion:117 Resp: 70773

Ion Ratio Lower Upper

117 100

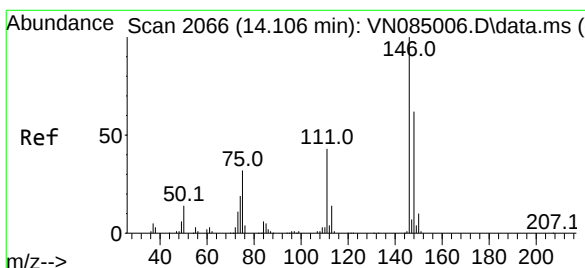
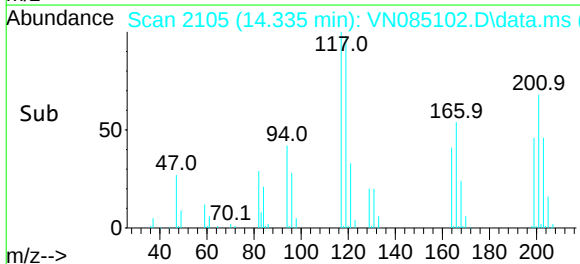
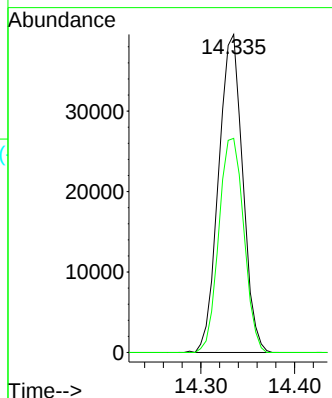
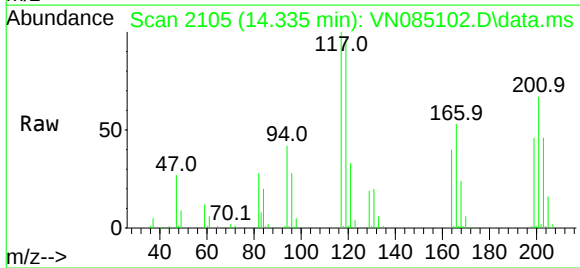
201 69.5 35.2 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#91

1,2-Dichlorobenzene

Concen: 46.211 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

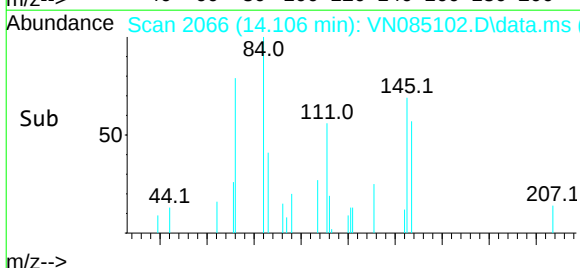
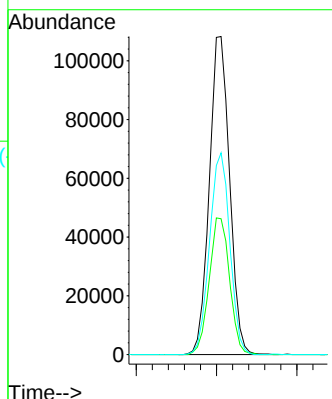
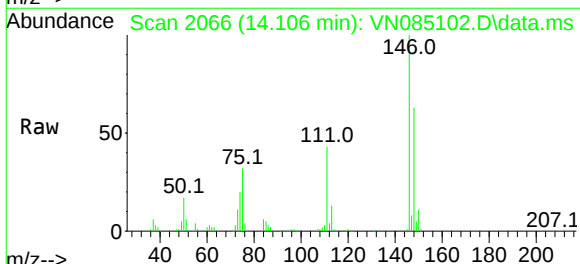
Tgt Ion:146 Resp: 189519

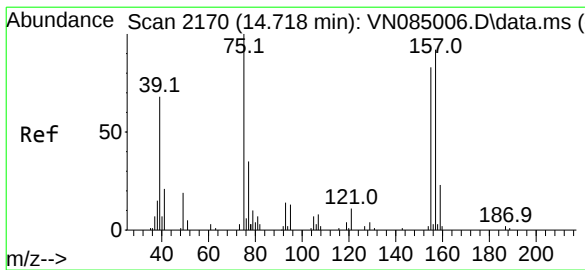
Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.8

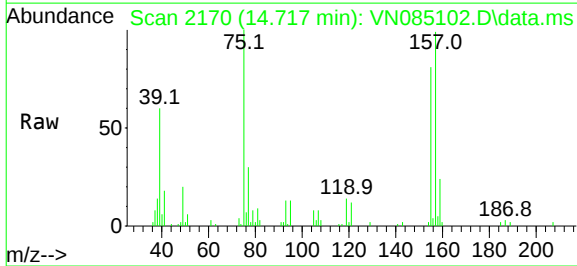
148 63.5 31.1 93.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 51.085 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

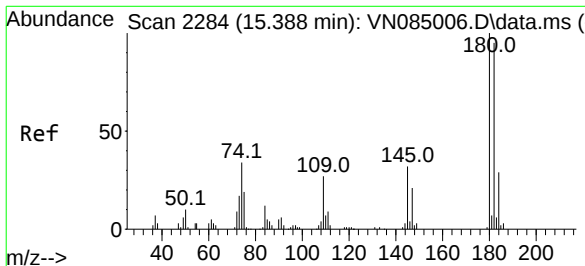
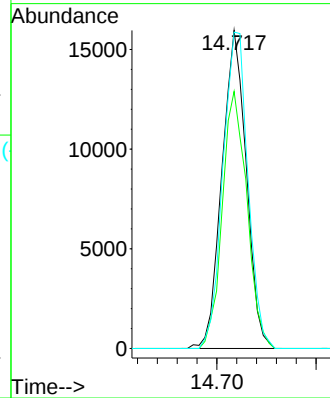
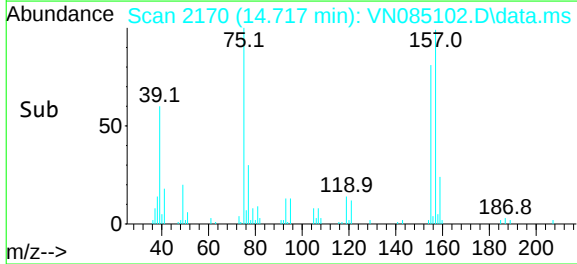
Instrument :
MSVOA_N
ClientSampleId :
UNIT-51-RS-SW001-01MS



Tgt Ion:	75	Resp:	27199
Ion Ratio	Lower	Upper	
75	100		
155	81.5	38.9	116.7
157	102.2	48.3	144.9

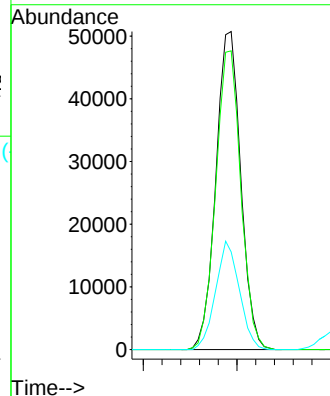
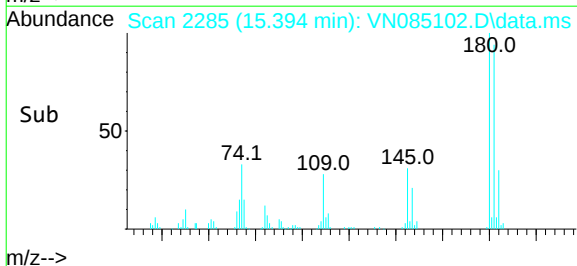
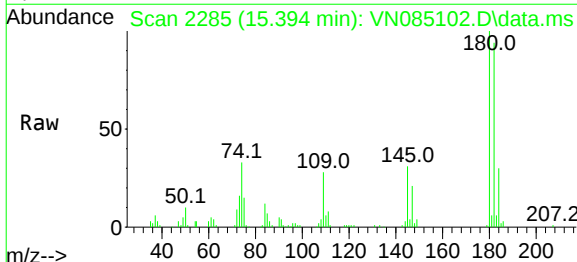
Manual Integrations
APPROVED

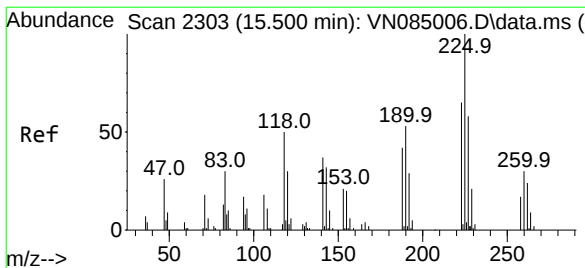
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#93
1,2,4-Trichlorobenzene
Concen: 41.937 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN085102.D
Acq: 04 Dec 2024 18:25

Tgt Ion:	180	Resp:	93438
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.8
145	32.5	16.3	48.8





#94

Hexachlorobutadiene

Concen: 41.317 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

UNIT-51-RS-SW001-01MS

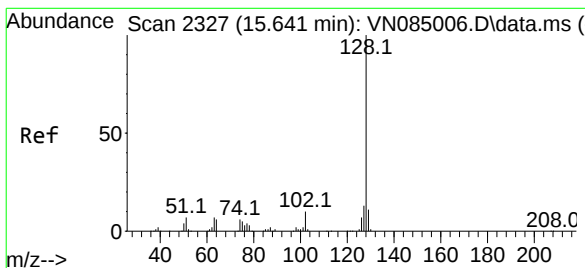
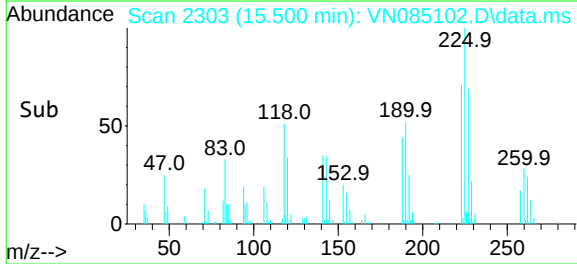
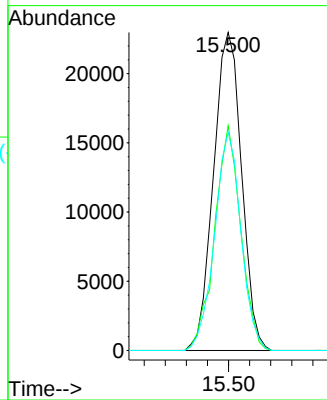
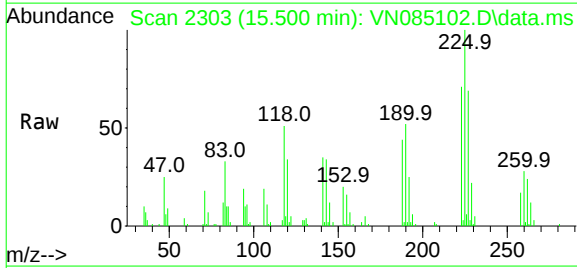
Tgt Ion:	225	Resp:	42485
Ion Ratio	Lower	Upper	
225	100		
223	65.7	30.9	92.8
227	64.5	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#95

Naphthalene

Concen: 48.042 ug/l

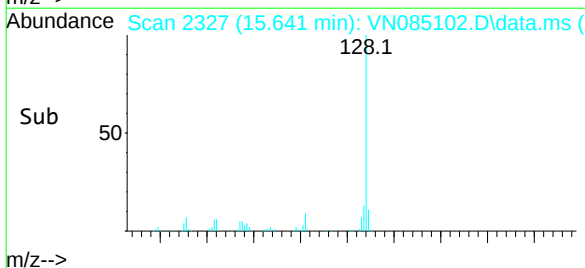
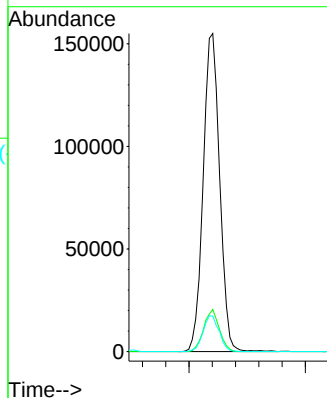
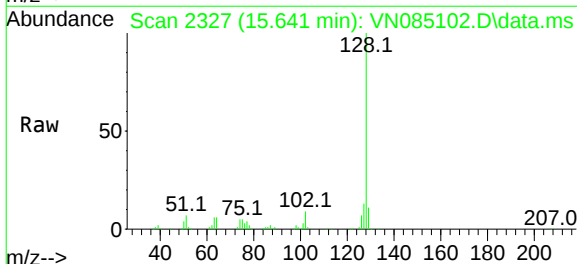
RT: 15.641 min Scan# 2327

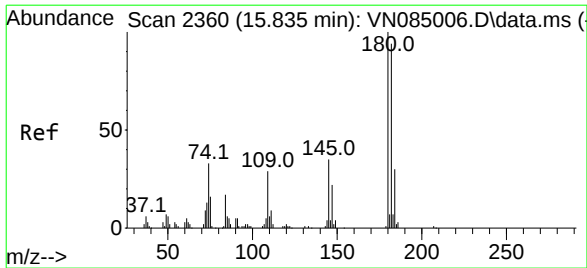
Delta R.T. -0.000 min

Lab File: VN085102.D

Acq: 04 Dec 2024 18:25

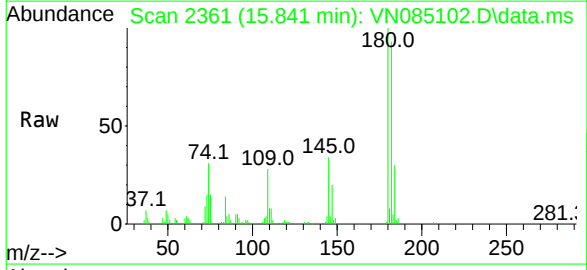
Tgt Ion:	128	Resp:	304865
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	16.0
129	11.0	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 43.474 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN085102.D
 Acq: 04 Dec 2024 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 UNIT-51-RS-SW001-01MS



Tgt Ion:	180	Resp:	92423
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.4	139.2
145	35.3	17.3	52.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024

