

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085088.D
 Acq On : 04 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1204WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 22:03:56 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107683	47.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.165	113	87826	51.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	10.565	98	304939	49.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.847	95	113084	49.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30179	16.939	ug/l	99
3) Chloromethane	2.359	50	34414	16.654	ug/l	96
4) Vinyl Chloride	2.512	62	34454	18.554	ug/l	98
5) Bromomethane	2.959	94	19484	18.720	ug/l	99
6) Chloroethane	3.124	64	23020	18.391	ug/l	99
7) Trichlorofluoromethane	3.500	101	63454	20.087	ug/l	98
8) Diethyl Ether	3.965	74	22286	20.728	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	36160	20.183	ug/l	99
10) Methyl Iodide	4.589	142	46222	19.490	ug/l	99
11) Tert butyl alcohol	5.518	59	30193	100.673	ug/l	99
12) 1,1-Dichloroethene	4.336	96	32249	19.284	ug/l	96
13) Acrolein	4.177	56	21174	105.805	ug/l	97
14) Allyl chloride	5.024	41	49478	17.550	ug/l	94
15) Acrylonitrile	5.712	53	90625	106.731	ug/l	99
16) Acetone	4.424	43	77447	118.487	ug/l	96
17) Carbon Disulfide	4.712	76	94608	19.167	ug/l	96
18) Methyl Acetate	5.018	43	45221	20.980	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	114582	20.970	ug/l	99
20) Methylene Chloride	5.277	84	39275	19.691	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	34883	19.821	ug/l #	87
22) Diisopropyl ether	6.671	45	116191	20.478	ug/l	98
23) Vinyl Acetate	6.600	43	428307	109.417	ug/l	97
24) 1,1-Dichloroethane	6.565	63	67754	19.954	ug/l	97
25) 2-Butanone	7.477	43	117913	110.339	ug/l	96
26) 2,2-Dichloropropane	7.488	77	61605	19.430	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	42679	20.117	ug/l	99
28) Bromochloromethane	7.812	49	26973	21.044	ug/l	97
29) Tetrahydrofuran	7.841	42	75401	113.461	ug/l	99
30) Chloroform	7.965	83	72338	20.027	ug/l	95
31) Cyclohexane	8.253	56	59197	19.801	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67315	20.624	ug/l	92
36) 1,1-Dichloropropene	8.365	75	47215	20.276	ug/l	98
37) Ethyl Acetate	7.553	43	49774	23.512	ug/l	97
38) Carbon Tetrachloride	8.359	117	58017	21.584	ug/l	92
39) Methylcyclohexane	9.600	83	52573	21.726	ug/l	95
40) Benzene	8.600	78	156497	21.249	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26948	22.991	ug/l	98
42) 1,2-Dichloroethane	8.665	62	54368	21.578	ug/l	99
43) Isopropyl Acetate	8.682	43	84953	19.319	ug/l	99
44) Trichloroethene	9.347	130	37291	21.787	ug/l	92
45) 1,2-Dichloropropane	9.618	63	38817	21.398	ug/l	100
46) Dibromomethane	9.706	93	27630	21.920	ug/l	99
47) Bromodichloromethane	9.882	83	58300	21.823	ug/l	98
48) Methyl methacrylate	9.676	41	37439	22.880	ug/l	98
49) 1,4-Dioxane	9.688	88	13430	473.265	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	245579	122.269	ug/l	99
52) Toluene	10.629	92	97852	22.443	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	56159	20.967	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	61585	21.674	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	37769	23.256	ug/l	98
56) Ethyl methacrylate	10.870	69	56277	23.714	ug/l	98
57) 1,3-Dichloropropane	11.165	76	63526	22.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121481	104.357	ug/l	98
59) 2-Hexanone	11.194	43	176157	117.268	ug/l	100
60) Dibromochloromethane	11.359	129	44815	22.579	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37502	22.313	ug/l	100
64) Tetrachloroethene	11.100	164	33137	22.111	ug/l	96
65) Chlorobenzene	11.888	112	103516	20.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38210	21.515	ug/l	98
67) Ethyl Benzene	11.959	91	178166	21.772	ug/l	98
68) m/p-Xylenes	12.065	106	139096	44.646	ug/l	100
69) o-Xylene	12.394	106	65975	22.261	ug/l	98
70) Styrene	12.412	104	111976	22.720	ug/l	98
71) Bromoform	12.576	173	30378	23.044	ug/l #	98
73) Isopropylbenzene	12.694	105	167218	21.885	ug/l	98
74) N-amyl acetate	12.494	43	68255	21.678	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	52197	20.005	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	42277m	21.460	ug/l	
77) Bromobenzene	12.976	156	41459	20.163	ug/l	96
78) n-propylbenzene	13.035	91	198462	22.519	ug/l	100
79) 2-Chlorotoluene	13.123	91	124600	21.179	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	145651	22.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18141	20.328	ug/l	98
82) 4-Chlorotoluene	13.217	91	125522	20.495	ug/l	98
83) tert-Butylbenzene	13.435	119	117294	21.262	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	147163	22.298	ug/l	97
85) sec-Butylbenzene	13.611	105	167178	22.433	ug/l	99
86) p-Isopropyltoluene	13.729	119	139031	22.600	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76144	18.774	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	74494	17.999	ug/l	97
89) n-Butylbenzene	14.053	91	112534	19.670	ug/l	98
90) Hexachloroethane	14.329	117	26511	19.770	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	73263	18.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10380	20.573	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	36884	17.469	ug/l	99
94) Hexachlorobutadiene	15.494	225	18535	19.022	ug/l	98
95) Naphthalene	15.635	128	111041	18.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35852	17.796	ug/l	95

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Response via : Initial Calibration

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

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

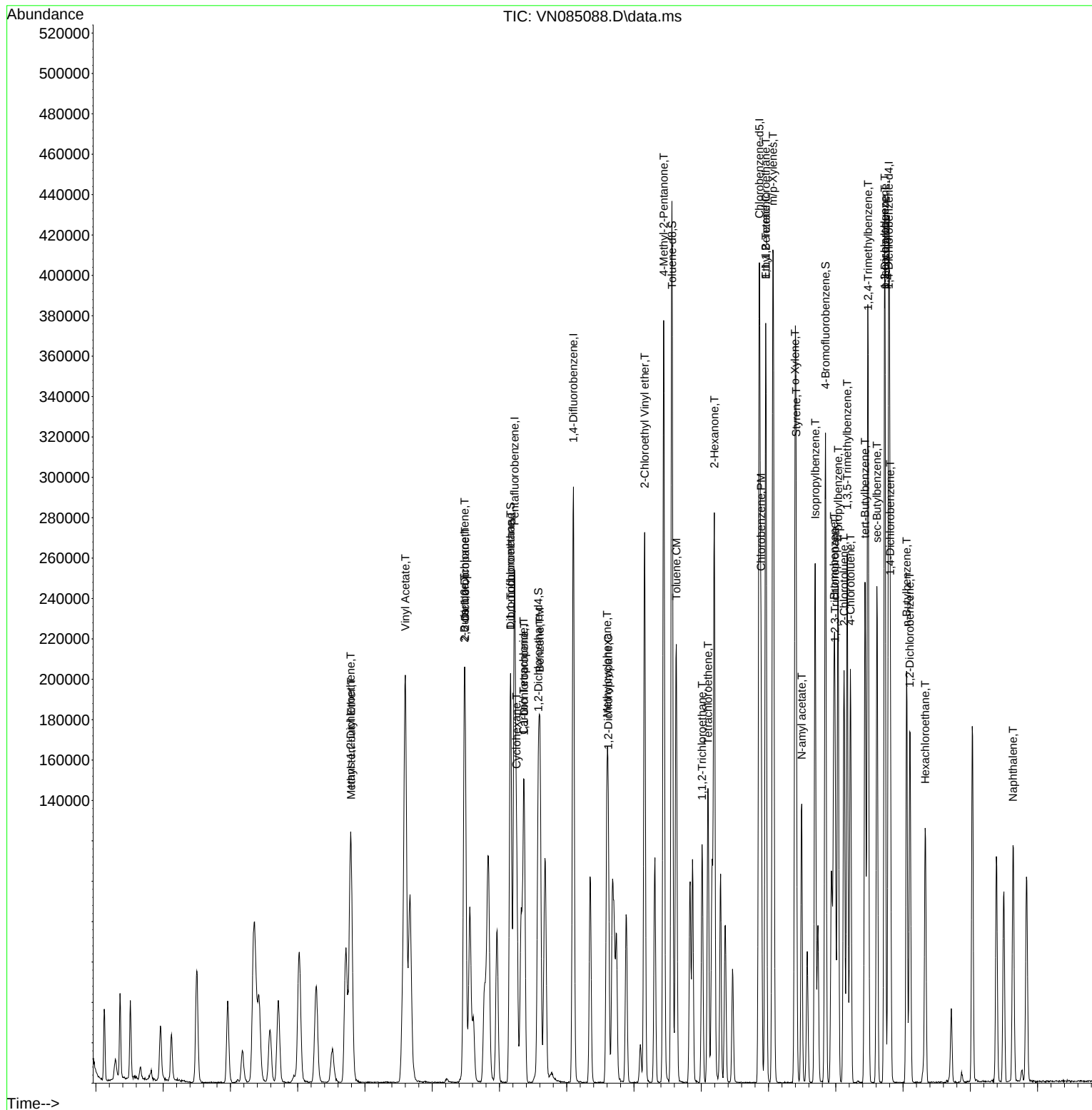
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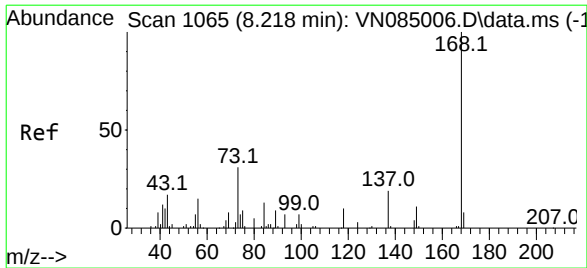
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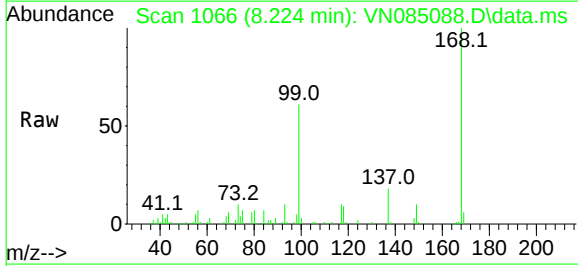
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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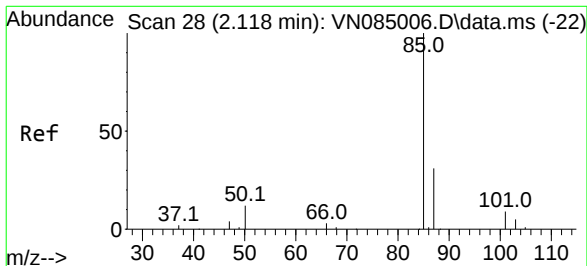
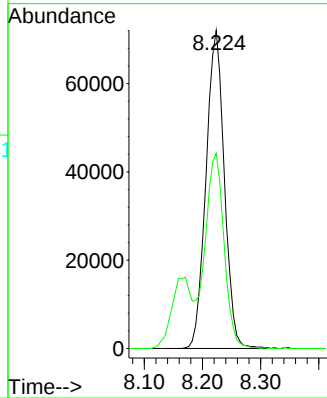
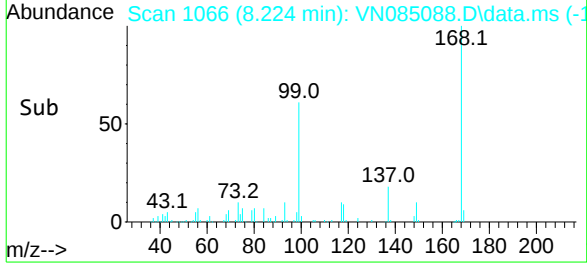
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:168 Resp: 157560
Ion Ratio Lower Upper
168 100
99 61.3 51.2 76.8

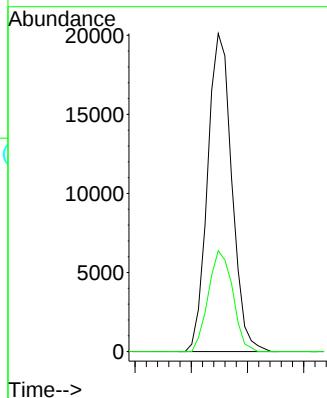
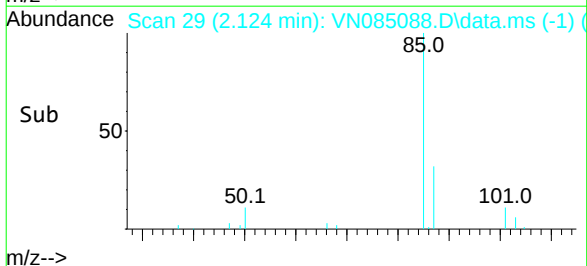
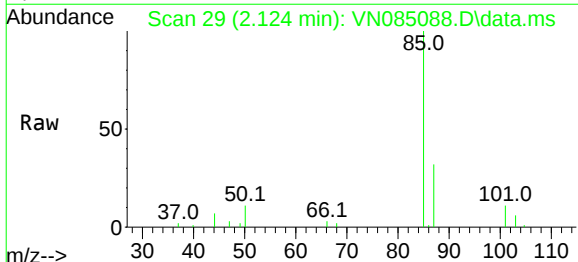
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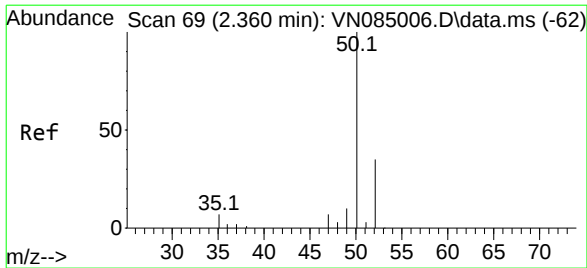
Reviewed By :John Carlone 12/05/2024
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#2
Dichlorodifluoromethane
Concen: 16.939 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 85 Resp: 30179
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





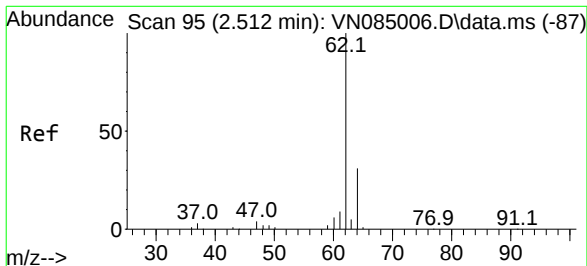
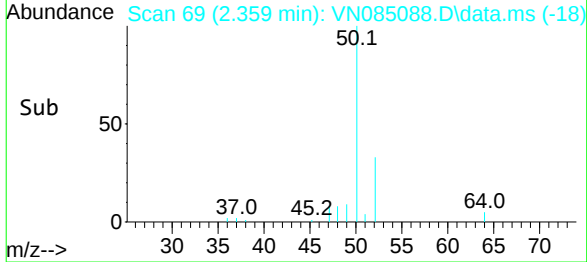
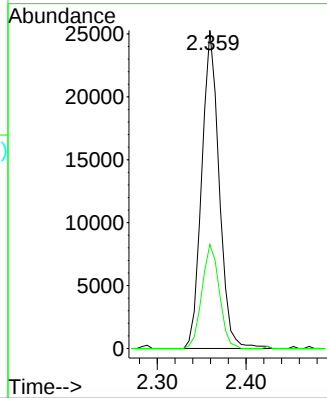
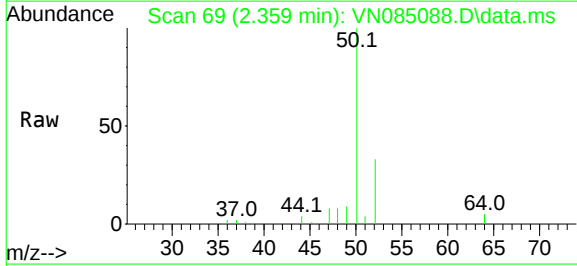
#3
Chloromethane
Concen: 16.654 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
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Tgt Ion: 50 Resp: 34414
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.8

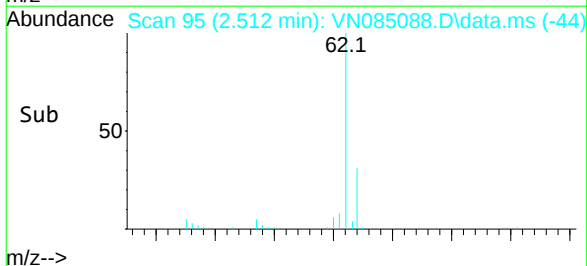
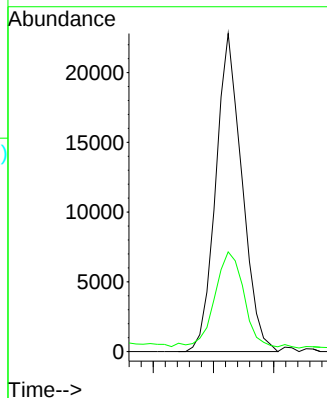
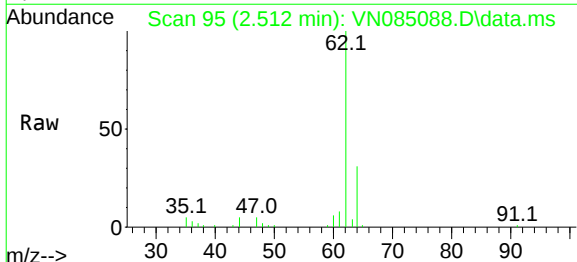
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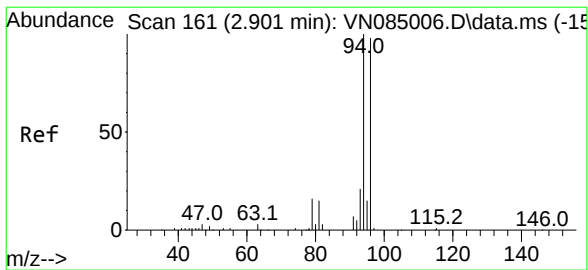
Reviewed By :John Carlone 12/05/2024
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#4
Vinyl Chloride
Concen: 18.554 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085088.D
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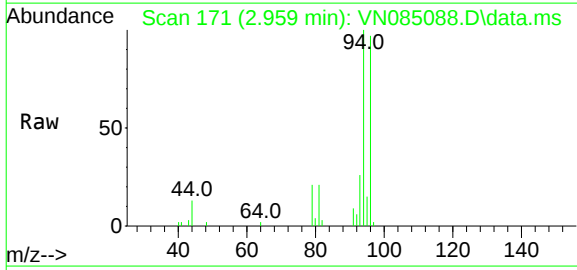
Tgt Ion: 62 Resp: 34454
Ion Ratio Lower Upper
62 100
64 29.8 24.6 36.8





#5
Bromomethane
Concen: 18.720 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.059 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

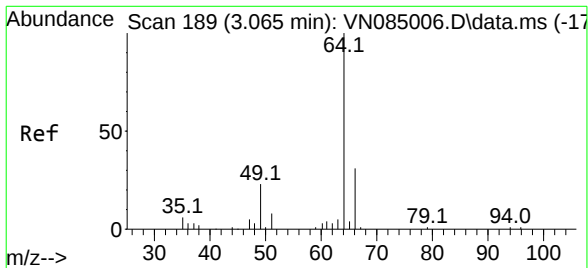
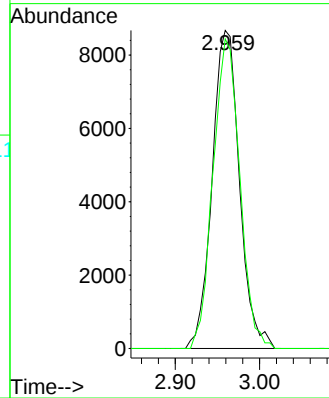
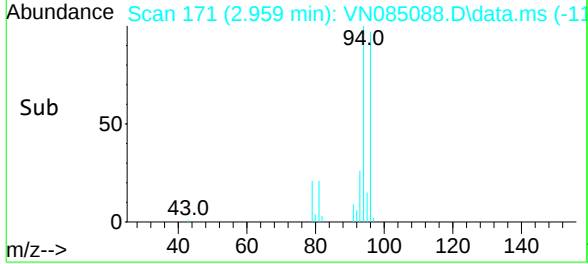
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Tgt Ion: 94 Resp: 19484
Ion Ratio Lower Upper
94 100
96 97.3 78.7 118.1

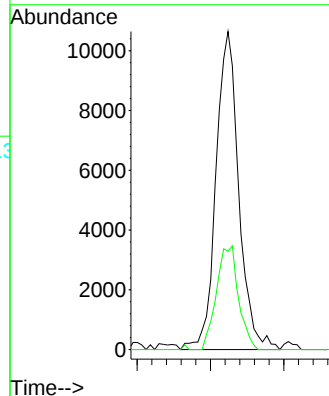
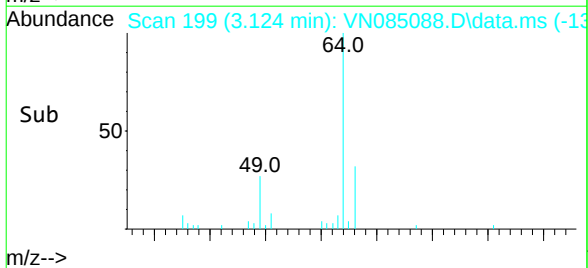
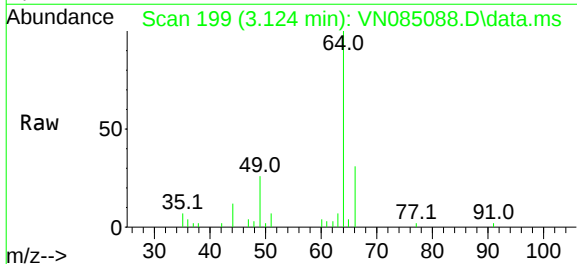
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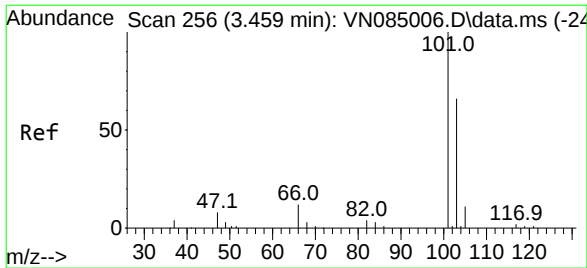
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#6
Chloroethane
Concen: 18.391 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.059 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

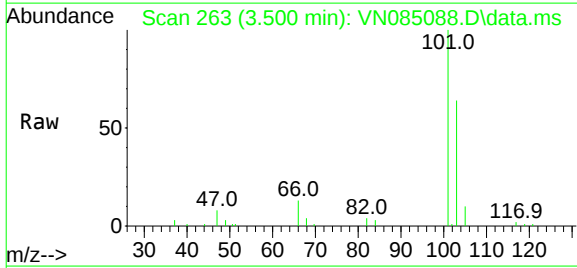
Tgt Ion: 64 Resp: 23020
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.087 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.041 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

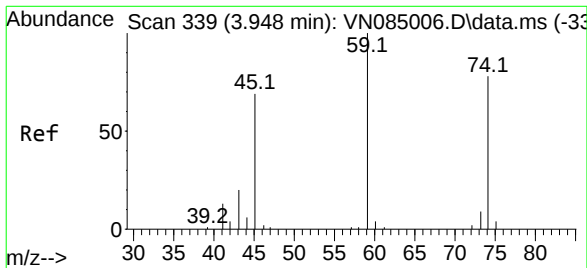
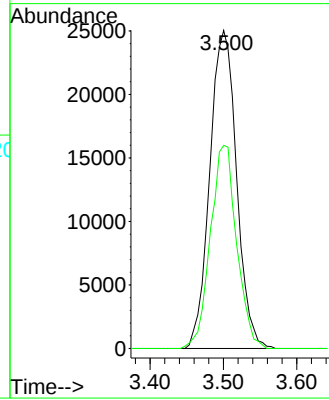
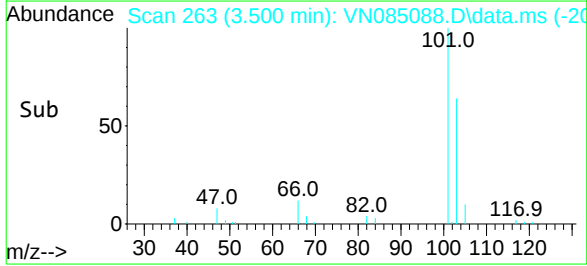
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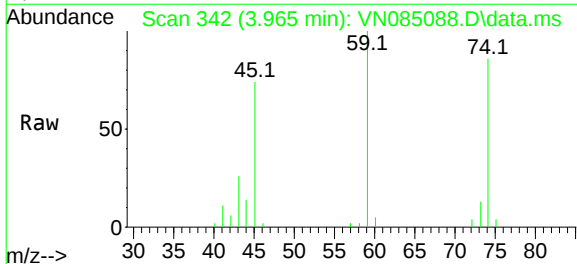
Tgt Ion: 101 Resp: 63454
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.6 78.8

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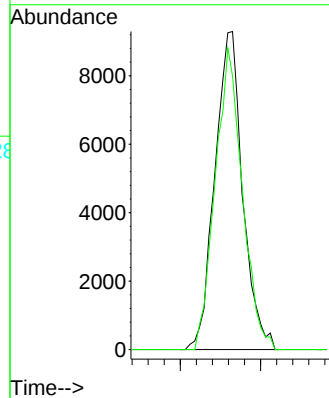
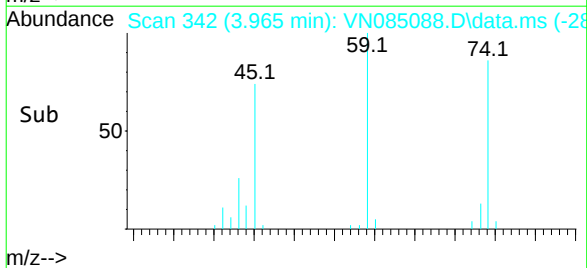
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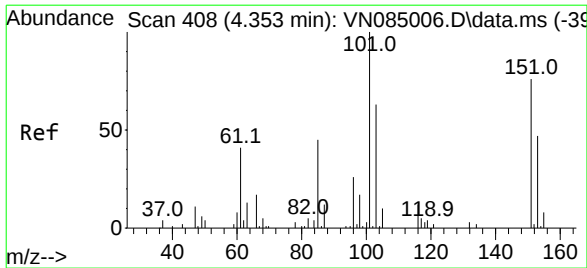


#8
 Diethyl Ether
 Concen: 20.728 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.017 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49



Tgt Ion: 74 Resp: 22286
 Ion Ratio Lower Upper
 74 100
 45 92.7 46.7 140.1





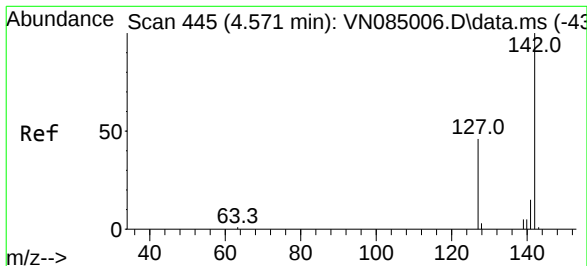
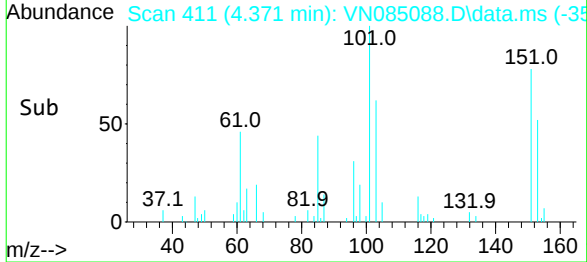
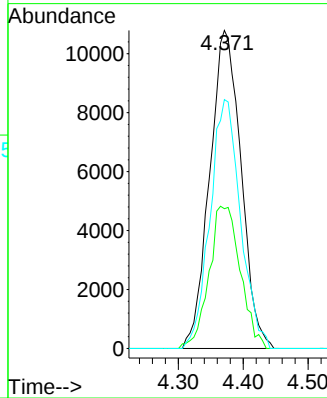
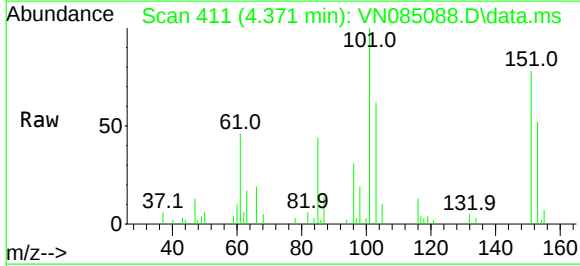
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.183 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.017 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:101 Resp: 36160
Ion Ratio Lower Upper
101 100
85 44.6 36.9 55.3
151 76.2 60.8 91.2

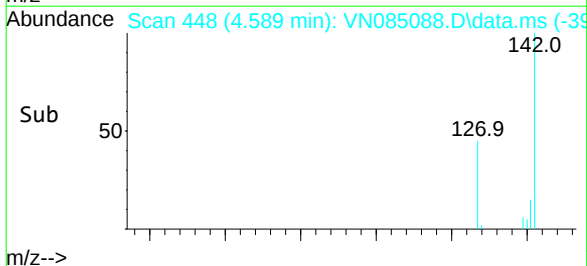
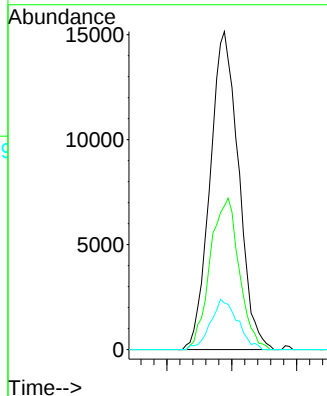
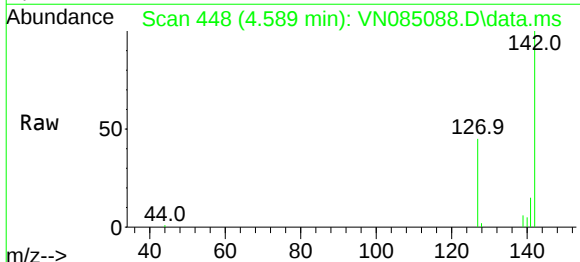
Manual Integrations
APPROVED

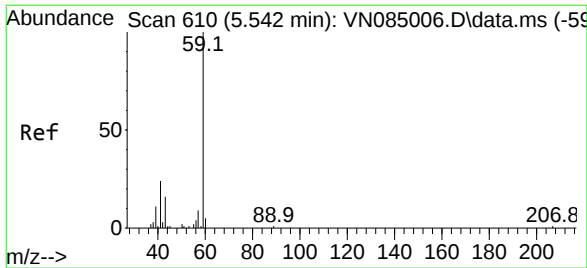
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#10
Methyl Iodide
Concen: 19.490 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.017 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:142 Resp: 46222
Ion Ratio Lower Upper
142 100
127 45.2 36.6 54.8
141 14.6 12.2 18.4





#11

Tert butyl alcohol

Concen: 100.673 ug/l

RT: 5.518 min Scan# 60

Delta R.T. -0.024 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 59 Resp: 30193

Ion Ratio Lower Upper

59 100

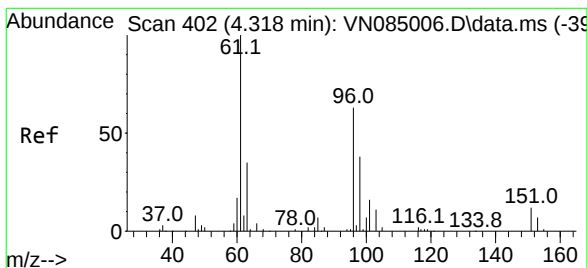
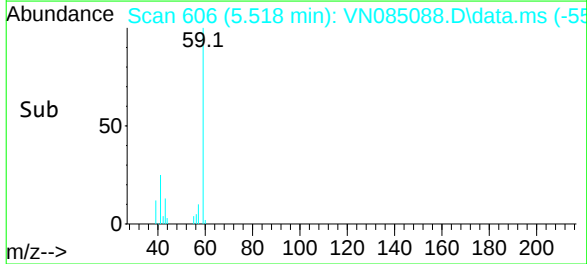
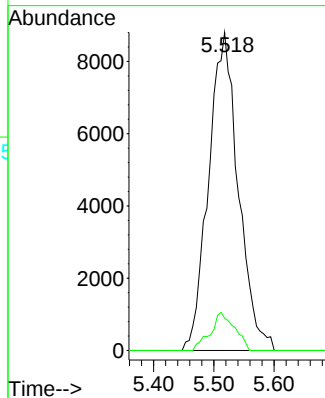
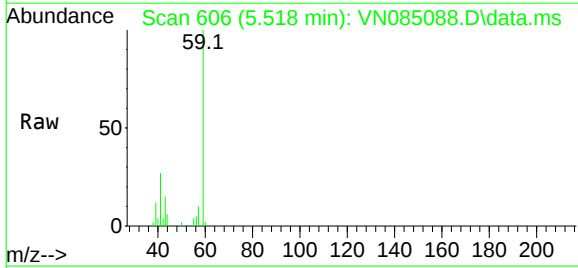
57 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#12

1,1-Dichloroethene

Concen: 19.284 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.017 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

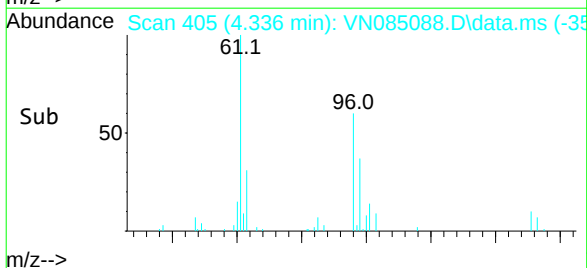
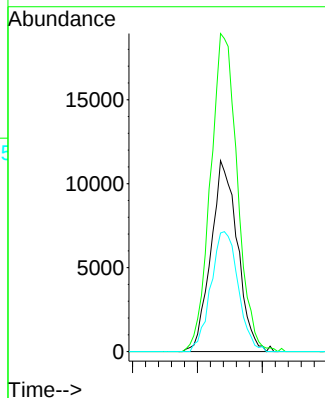
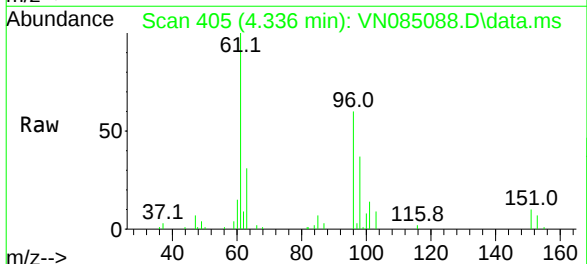
Tgt Ion: 96 Resp: 32249

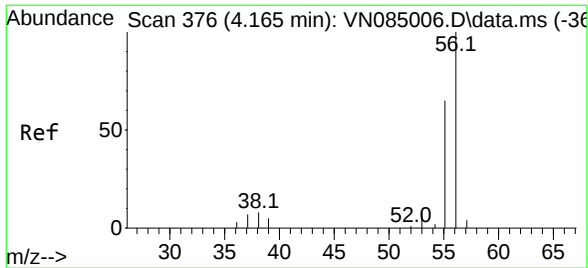
Ion Ratio Lower Upper

96 100

61 166.6 127.8 191.8

98 62.1 49.2 73.8





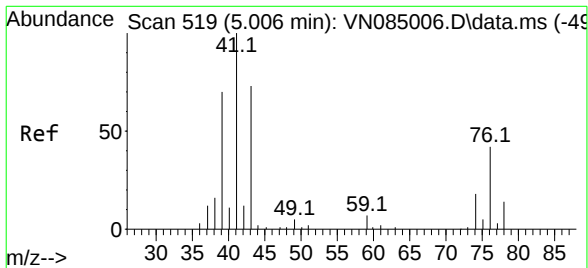
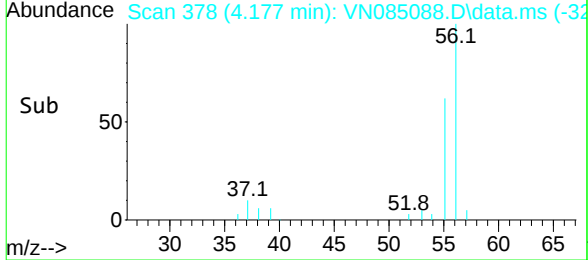
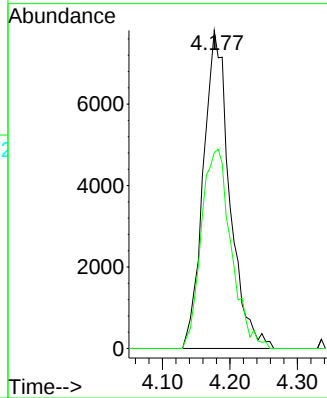
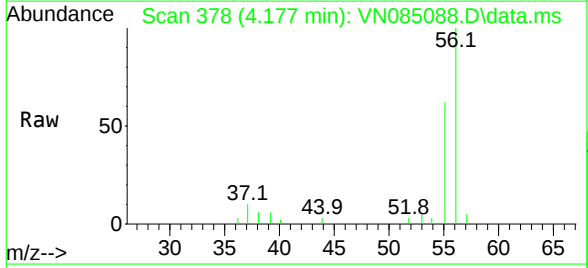
#13
Acrolein
Concen: 105.805 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.012 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.9	54.5	81.7

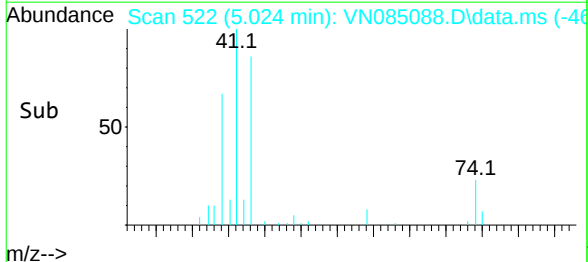
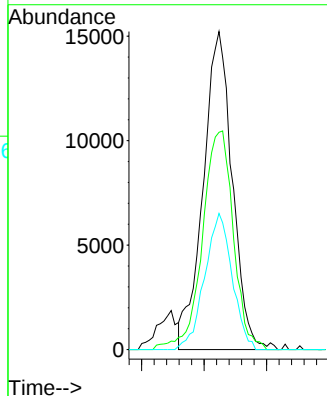
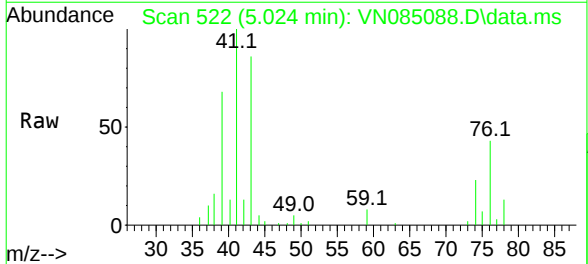
Manual Integrations
APPROVED

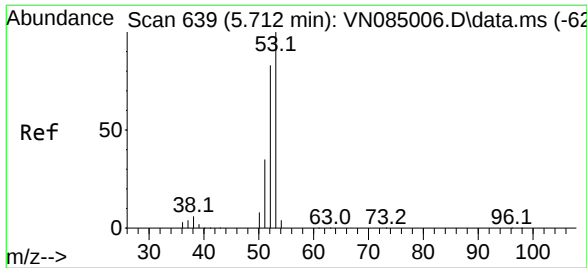
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#14
Allyl chloride
Concen: 17.550 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.017 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.6	53.8	80.8
76	40.2	29.3	43.9





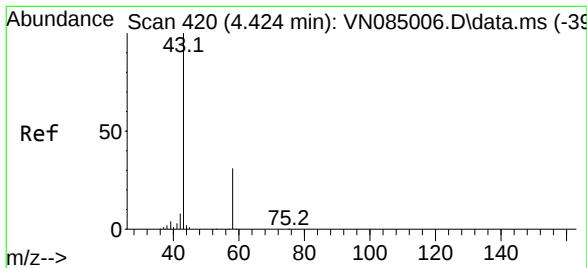
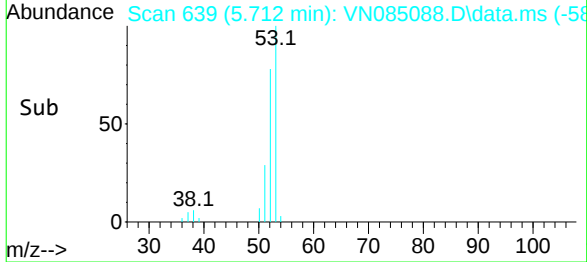
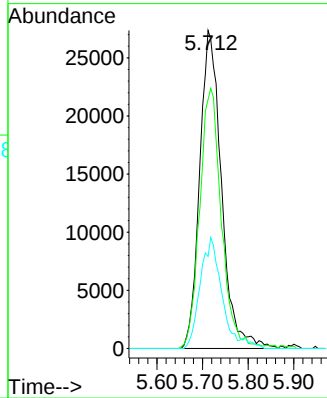
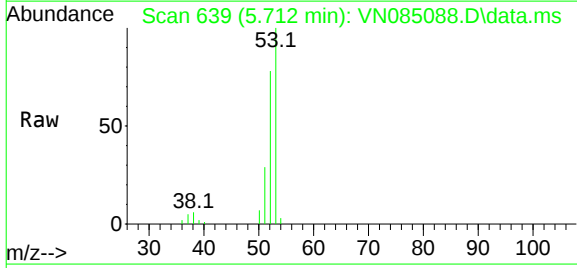
#15
Acrylonitrile
Concen: 106.731 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 53	Resp: 90625
Ion Ratio	Lower Upper
53 100	
52 81.2	65.5 98.3
51 33.7	28.4 42.6

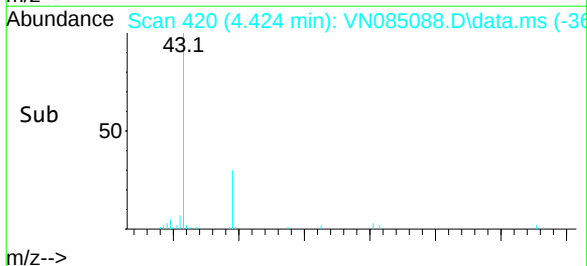
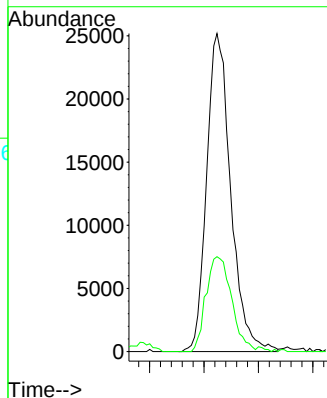
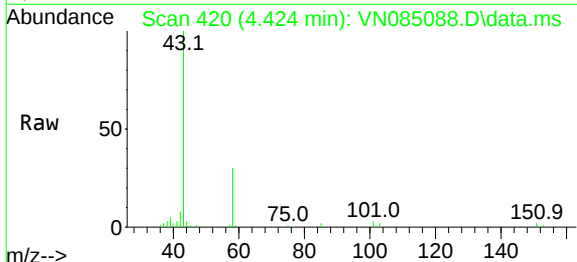
Manual Integrations
APPROVED

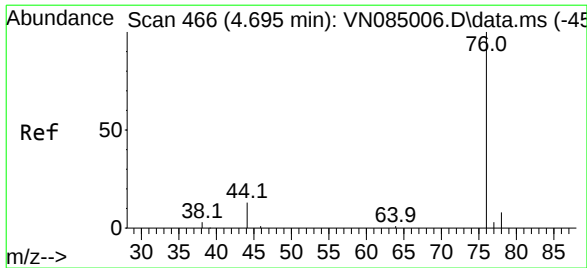
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#16
Acetone
Concen: 118.487 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 43	Resp: 77447
Ion Ratio	Lower Upper
43 100	
58 29.8	25.4 38.2





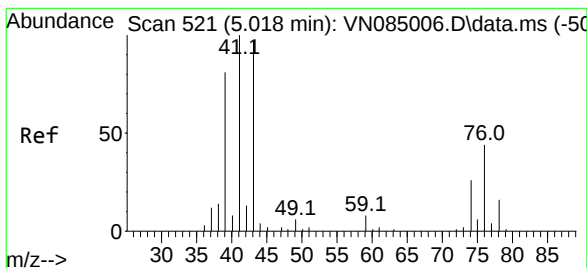
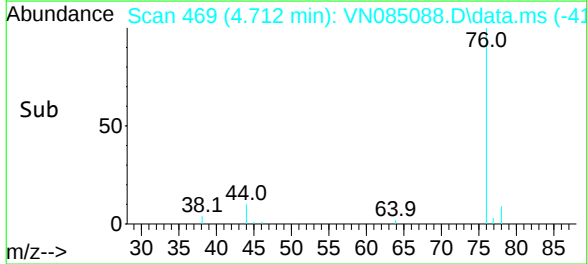
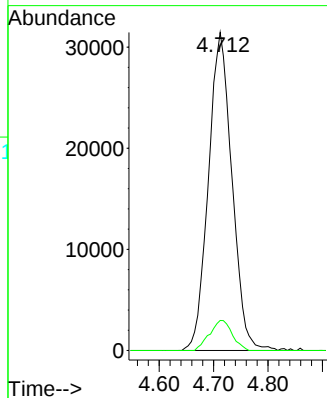
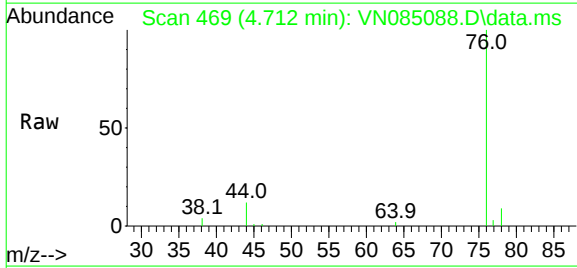
#17
Carbon Disulfide
Concen: 19.167 ug/l
RT: 4.712 min Scan# 46
Delta R.T. 0.017 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 76 Resp: 94608
Ion Ratio Lower Upper
76 100
78 9.4 6.5 9.7

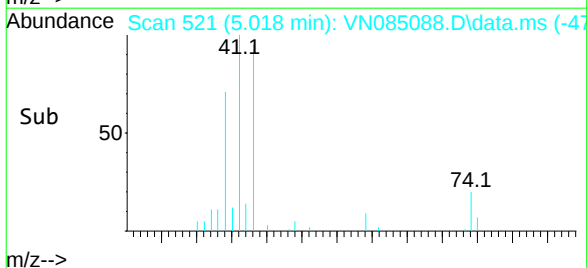
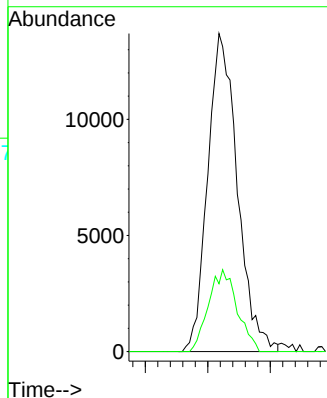
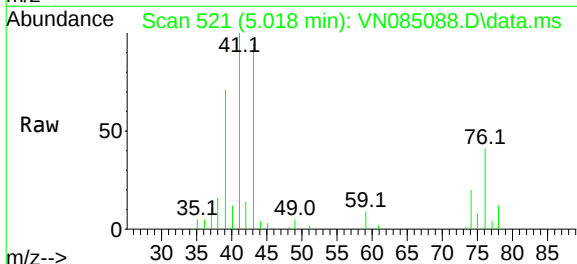
Manual Integrations
APPROVED

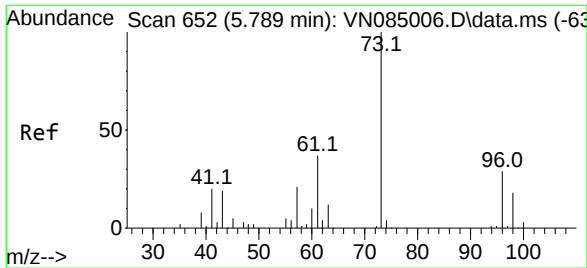
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#18
Methyl Acetate
Concen: 20.980 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

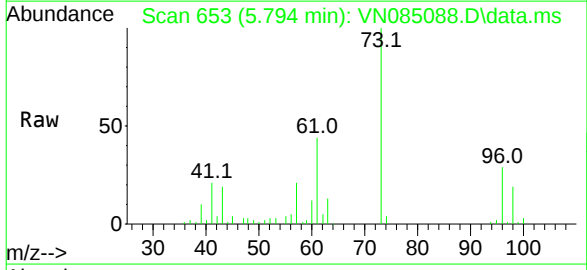
Tgt Ion: 43 Resp: 45221
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 20.970 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

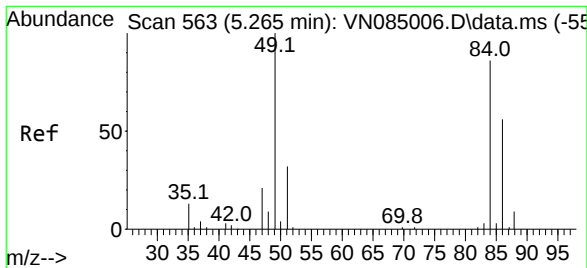
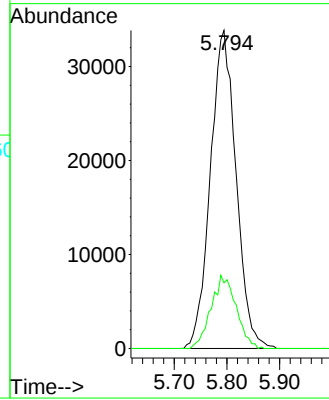
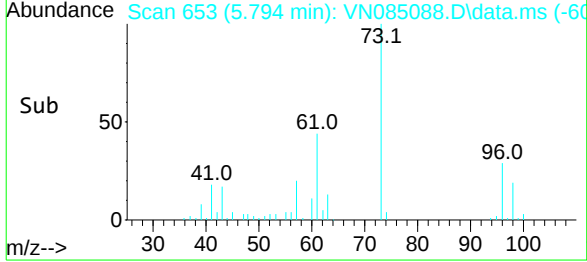
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



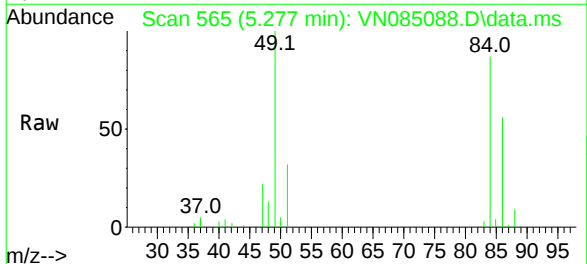
Tgt Ion: 73 Resp: 114582
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4

Manual Integrations
APPROVED

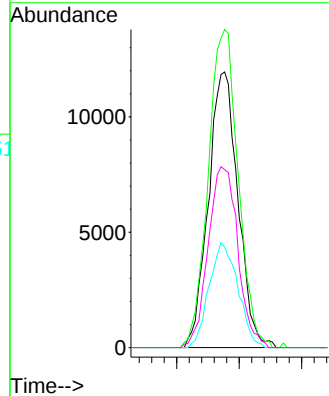
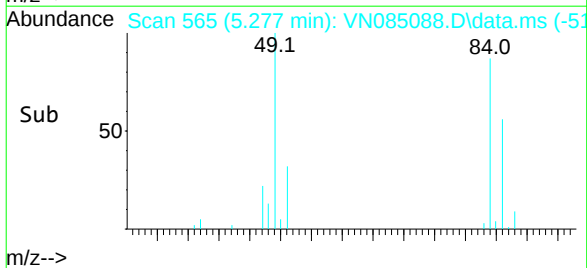
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

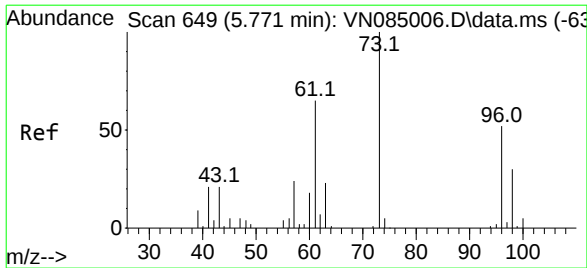


#20
Methylene Chloride
Concen: 19.691 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49



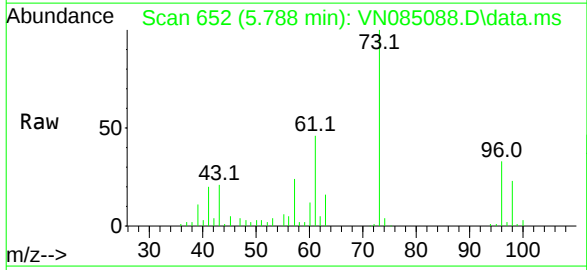
Tgt Ion: 84 Resp: 39275
Ion Ratio Lower Upper
84 100
49 115.4 92.7 139.1
51 36.5 29.4 44.2
86 64.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 19.821 ug/l
RT: 5.788 min Scan# 65
Delta R.T. 0.017 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

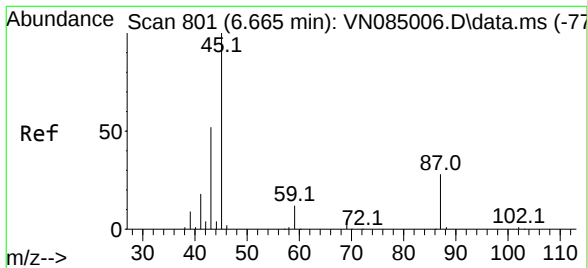
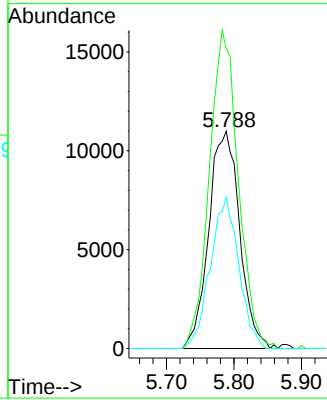
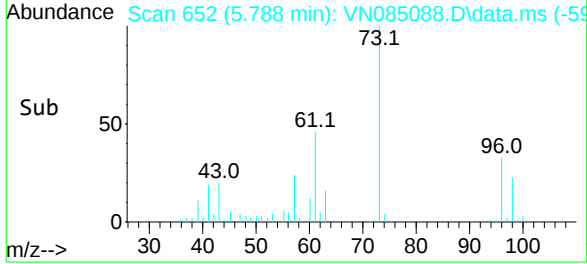
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



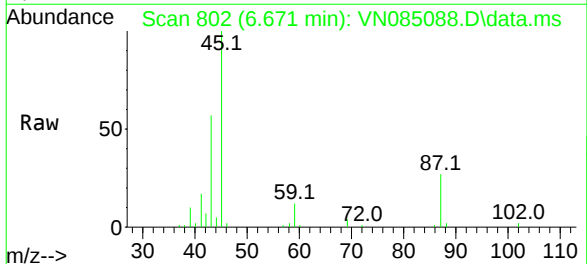
Tgt Ion: 96 Resp: 34883
Ion Ratio Lower Upper
96 100
61 138.0 100.7 151.1
98 69.5 45.8 68.6#

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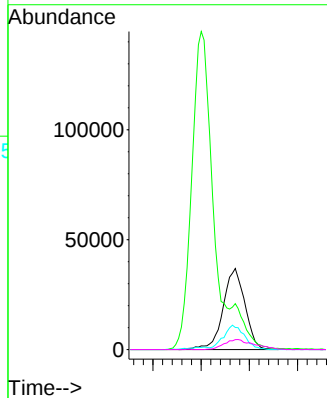
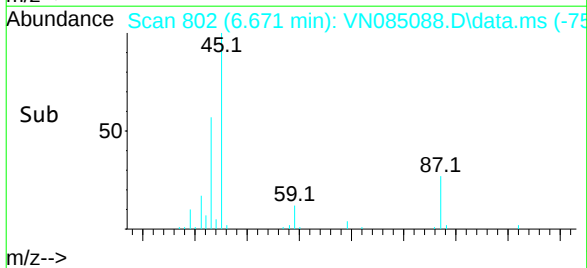
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

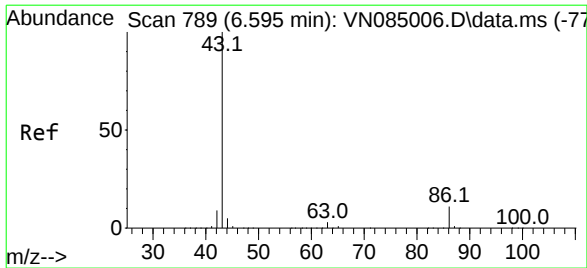


#22
Diisopropyl ether
Concen: 20.478 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49



Tgt Ion: 45 Resp: 116191
Ion Ratio Lower Upper
45 100
43 55.0 42.7 64.1
87 27.3 22.6 34.0
59 12.3 9.9 14.9





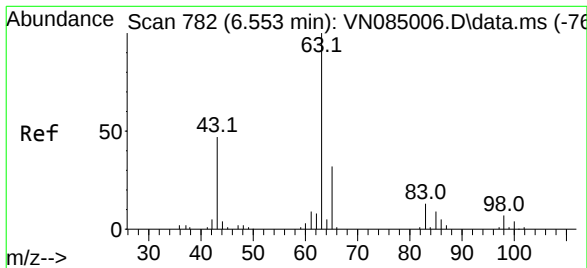
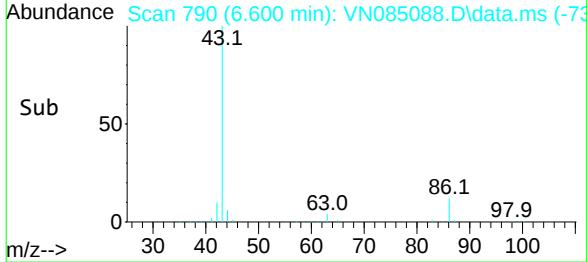
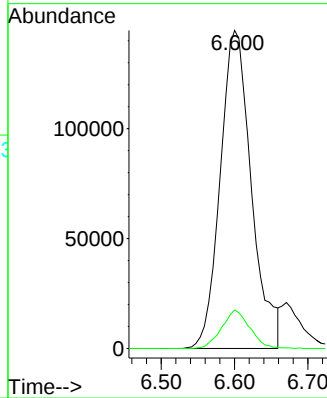
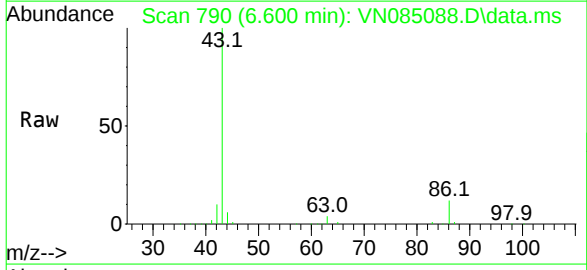
#23
 Vinyl Acetate
 Concen: 109.417 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tgt Ion: 43 Resp: 428307
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.9 13.3

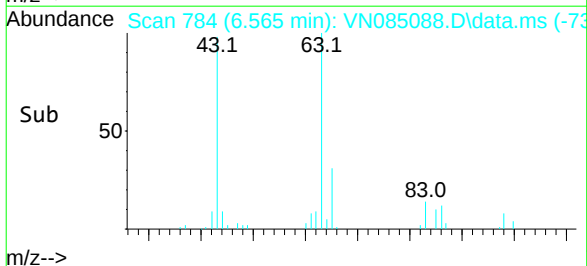
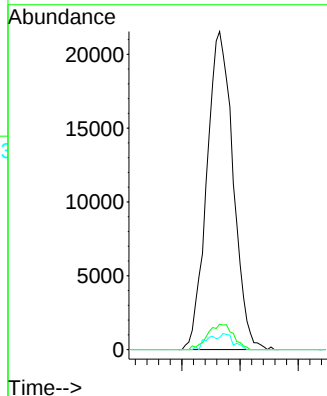
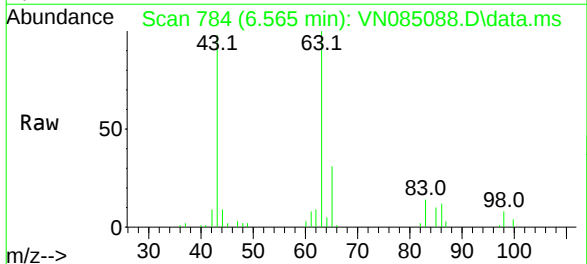
Manual Integrations
 APPROVED

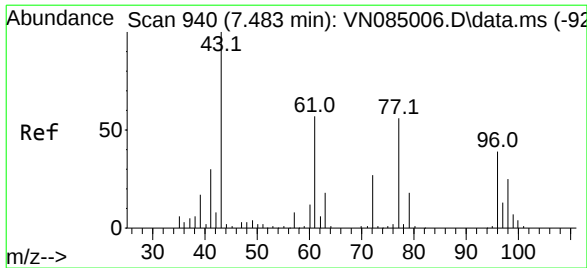
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#24
 1,1-Dichloroethane
 Concen: 19.954 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

Tgt Ion: 63 Resp: 67754
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 3.8 2.2 6.6





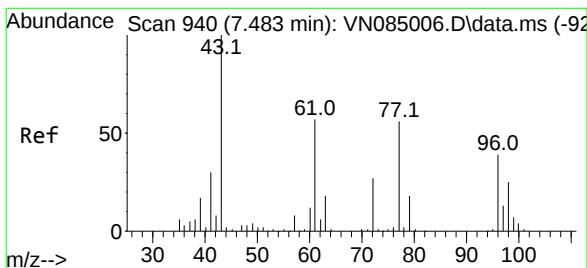
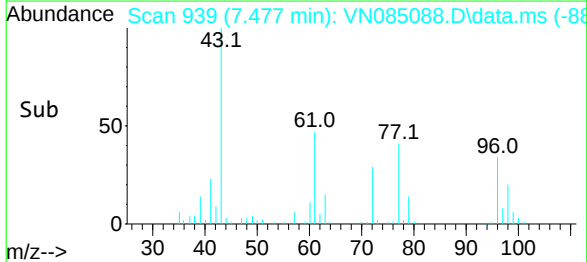
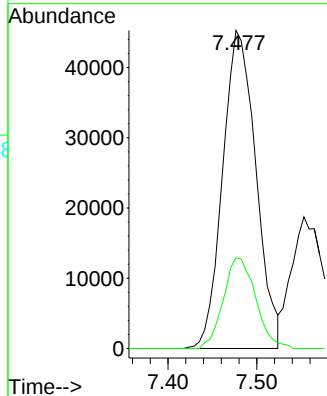
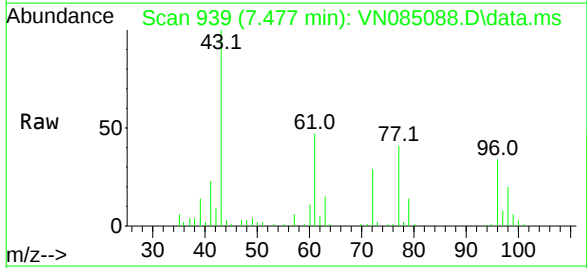
#25
2-Butanone
Concen: 110.339 ug/l
RT: 7.477 min Scan# 931
Delta R.T. -0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 43 Resp: 117913
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.0

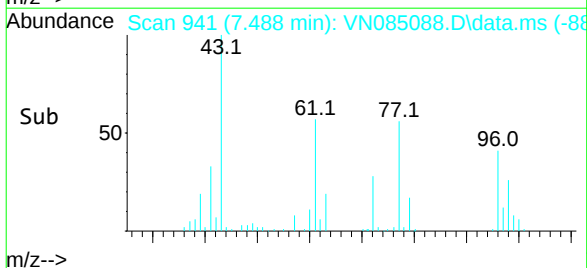
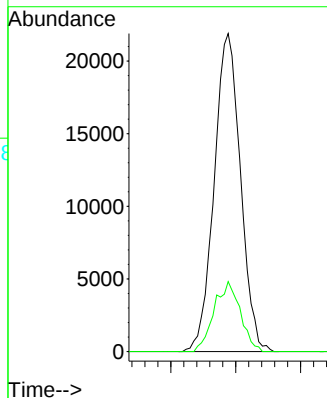
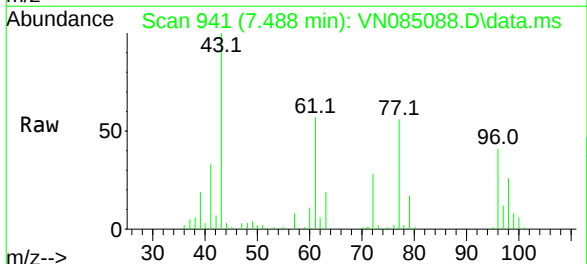
Manual Integrations
APPROVED

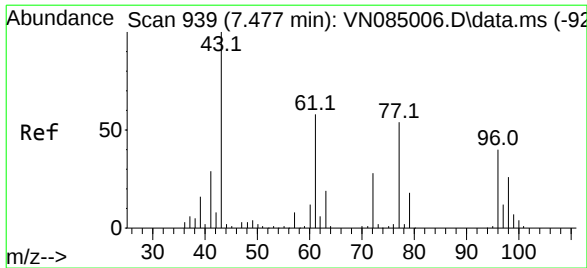
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#26
2,2-Dichloropropane
Concen: 19.430 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

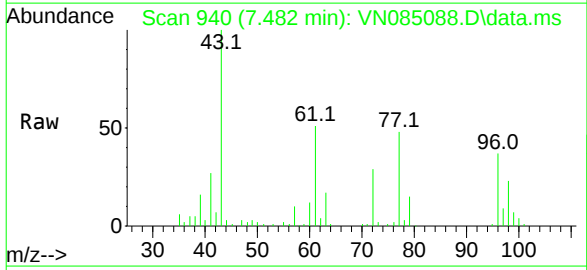
Tgt Ion: 77 Resp: 61605
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 20.117 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

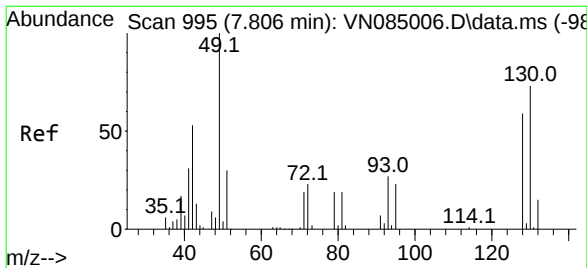
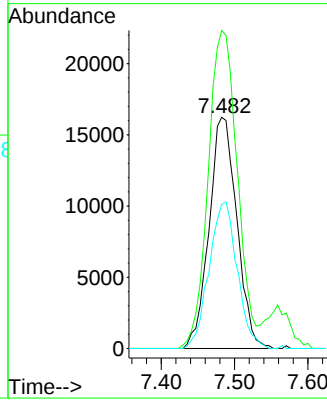
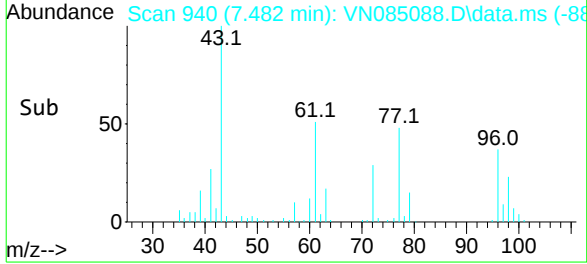
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 96 Resp: 42679
Ion Ratio Lower Upper
96 100
61 144.0 0.0 291.6
98 64.1 0.0 129.8

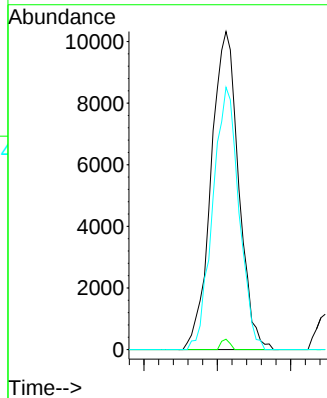
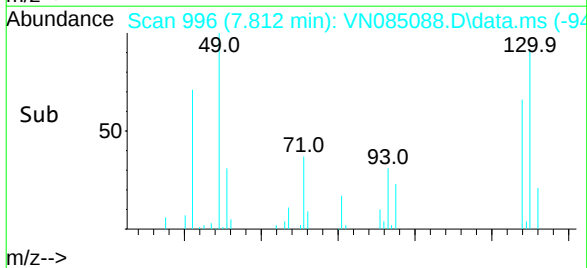
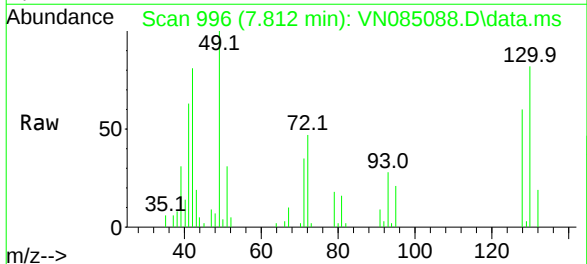
Manual Integrations
APPROVED

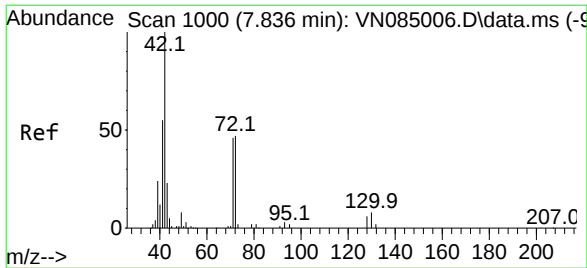
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#28
Bromochloromethane
Concen: 21.044 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 49 Resp: 26973
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 78.4 60.6 90.8





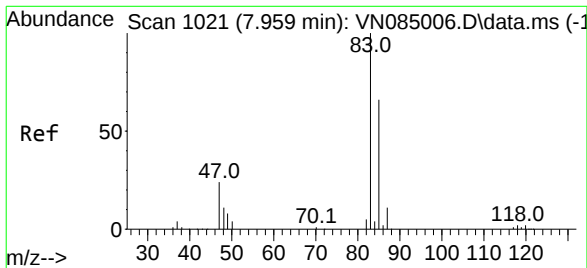
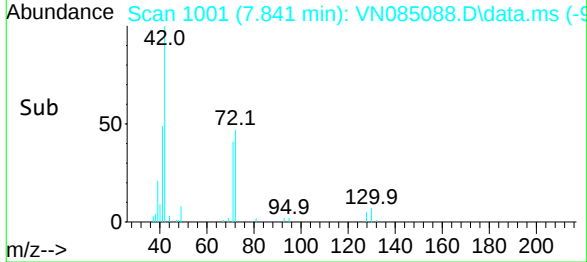
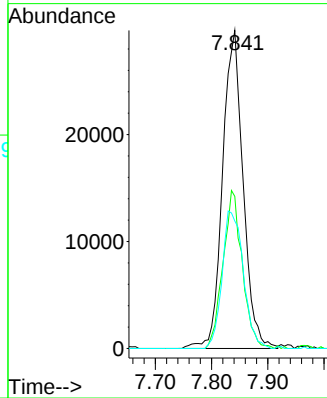
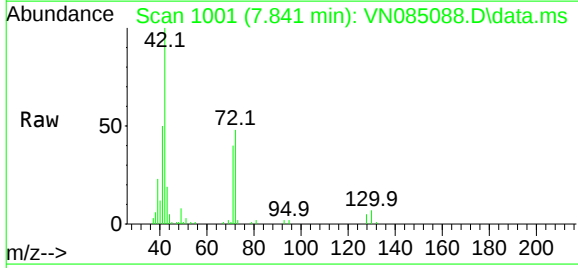
#29
Tetrahydrofuran
Concen: 113.461 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 42 Resp: 75401
Ion Ratio Lower Upper
42 100
72 46.6 37.0 55.4
71 44.8 35.0 52.4

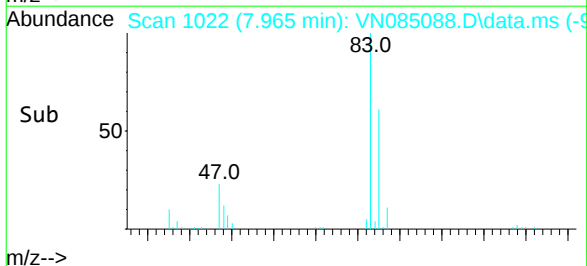
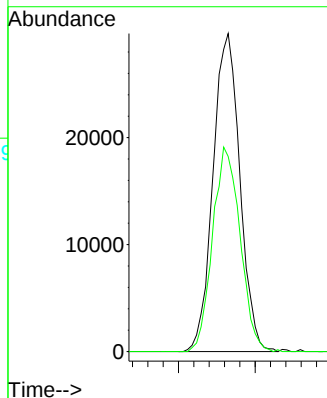
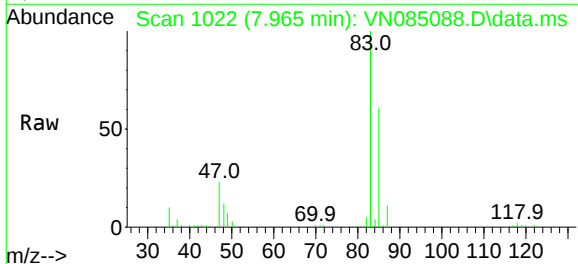
Manual Integrations
APPROVED

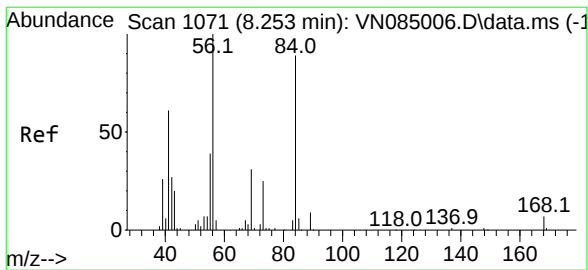
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#30
Chloroform
Concen: 20.027 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

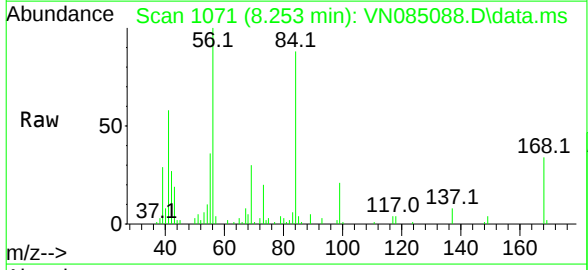
Tgt Ion: 83 Resp: 72338
Ion Ratio Lower Upper
83 100
85 61.4 52.6 78.8





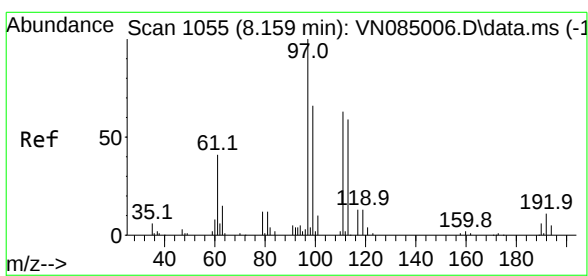
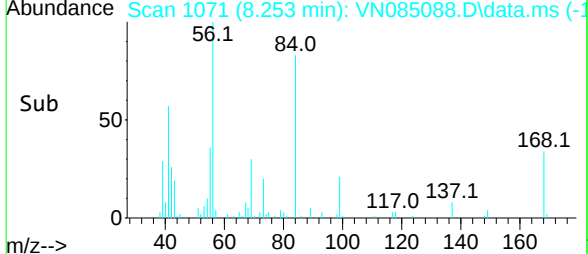
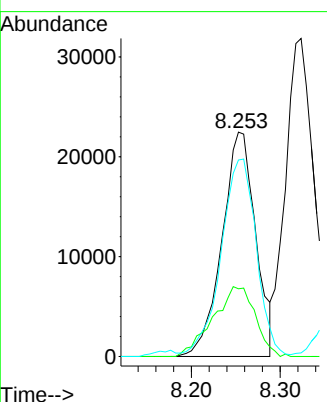
#31
Cyclohexane
Concen: 19.801 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument : MSVOA_N
Client SampleId : VN1204WBSD01



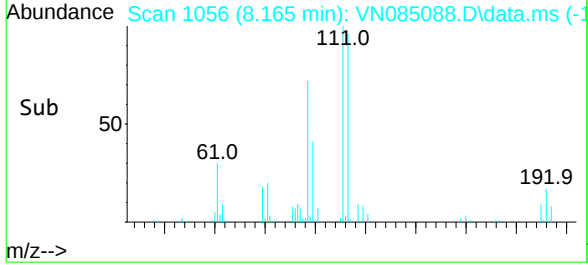
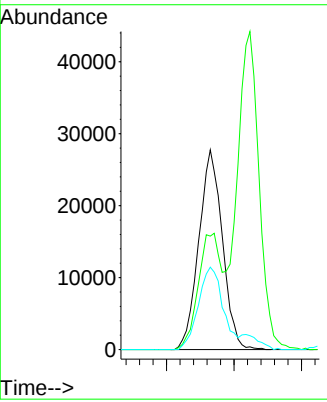
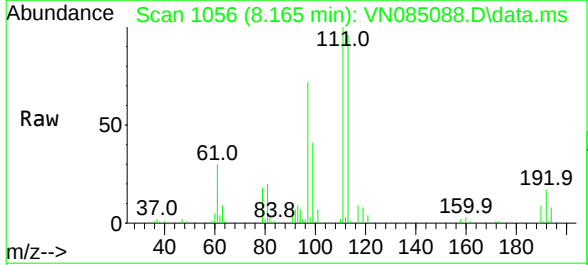
Tgt Ion	56	69	84
Ratio	100	30.2	84.8
Lower		24.6	71.4
Upper		36.8	107.2

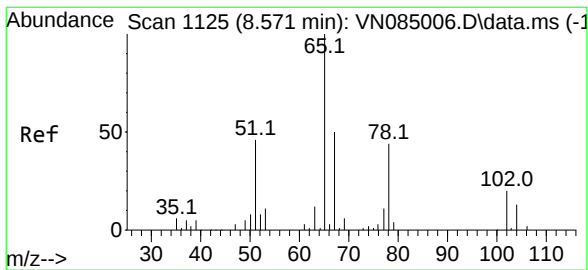
Manual Integrations
APPROVED
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#32
1,1,1-Trichloroethane
Concen: 20.624 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion	97	99	61
Ratio	100	55.0	43.2
Lower		51.0	36.2
Upper		76.4	54.2



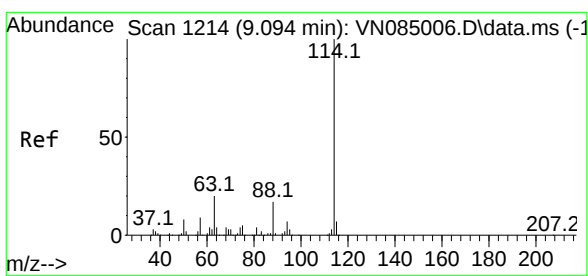
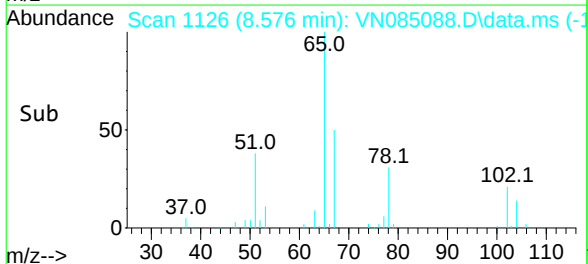
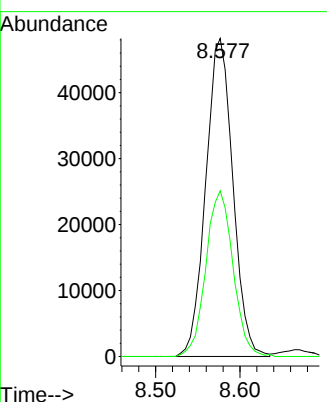
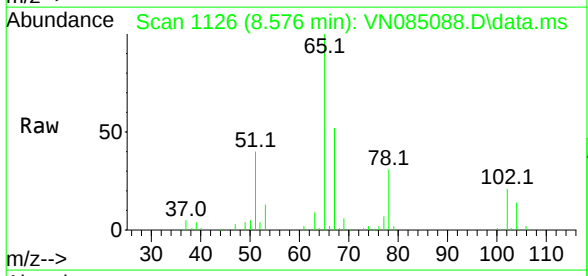


#33
 1,2-Dichloroethane-d4
 Concen: 47.980 ug/l
 RT: 8.576 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

Instrument : MSVOA_N
 ClientSampleId : VN1204WBSD01

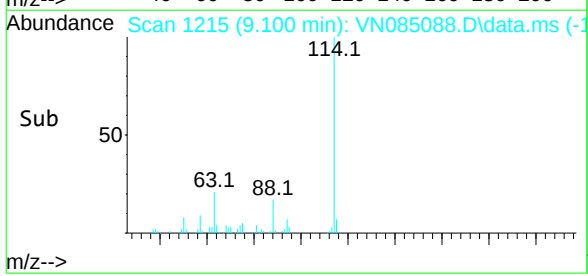
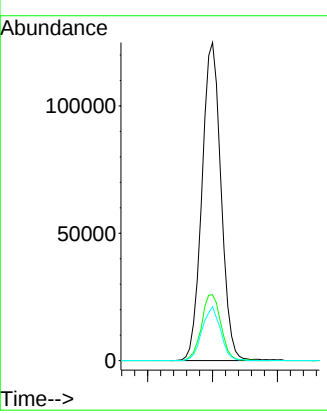
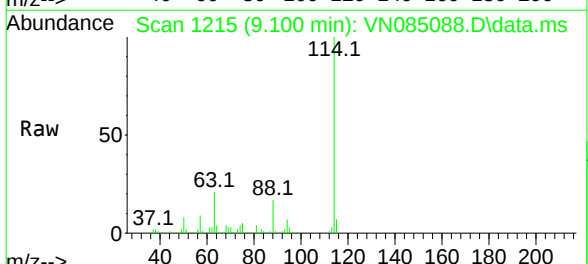
Tgt Ion:	65	Resp:	107683
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.0

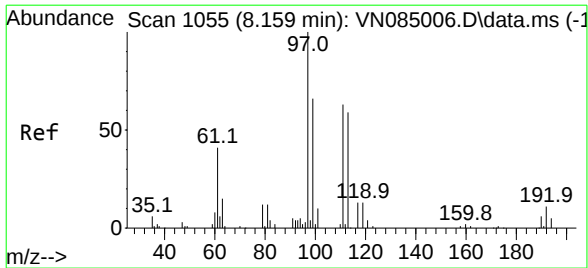
Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

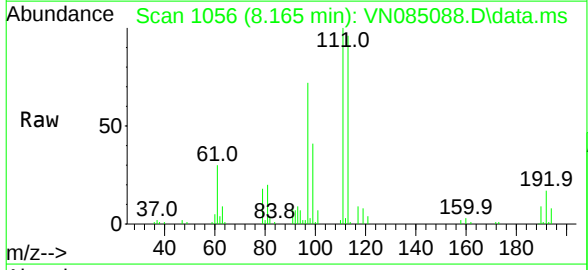
Tgt Ion:	114	Resp:	254936
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.0
88	17.0	0.0	34.8





#35
 Dibromofluoromethane
 Concen: 51.085 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

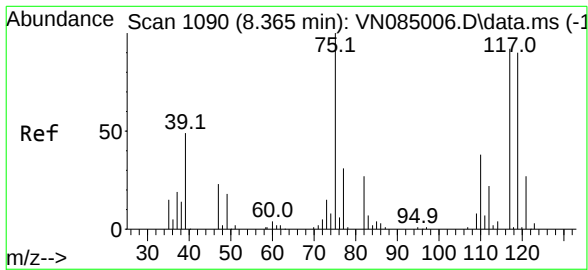
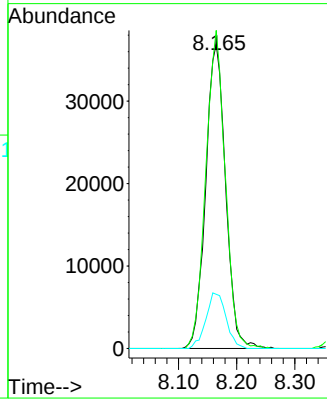
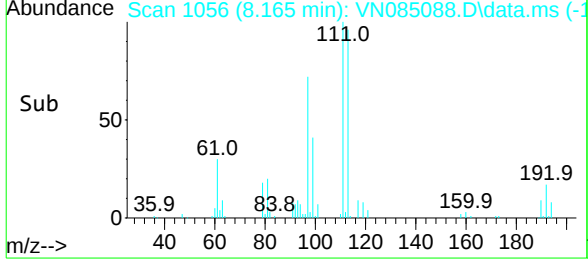
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01



Tgt Ion:	113	Resp:	87826
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	18.5	14.8	22.2

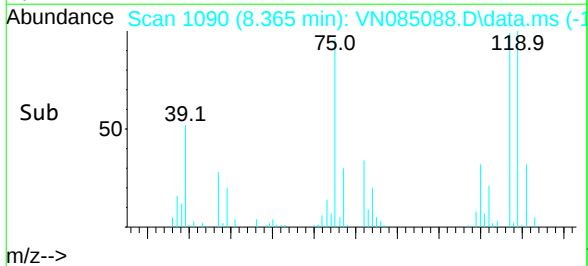
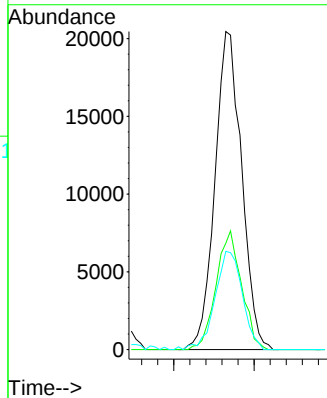
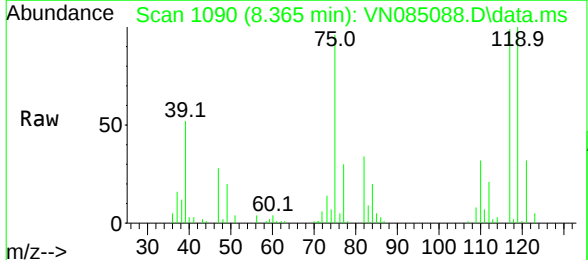
Manual Integrations
 APPROVED

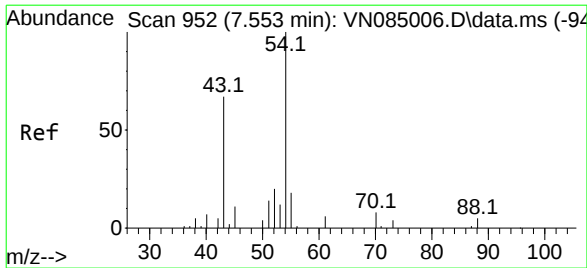
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#36
 1,1-Dichloropropene
 Concen: 20.276 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085088.D
 Acq: 04 Dec 2024 12:49

Tgt Ion:	75	Resp:	47215
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.2	51.6
77	31.5	24.2	36.4





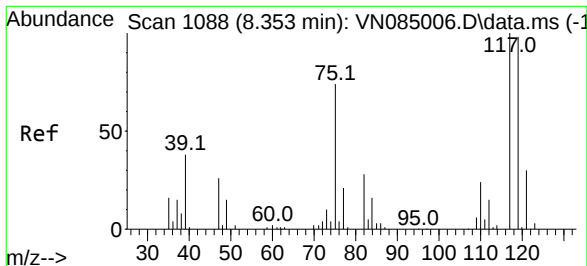
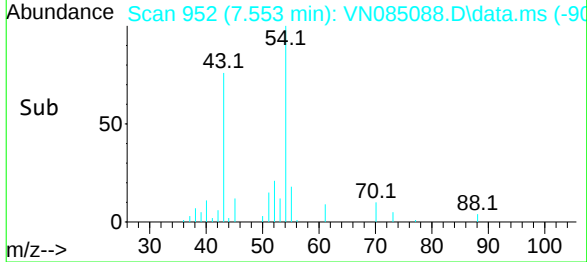
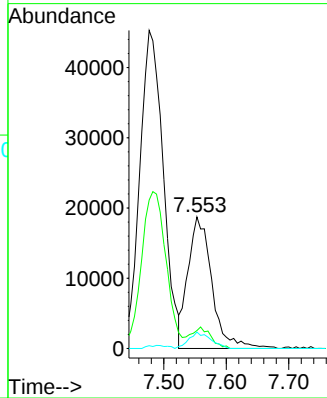
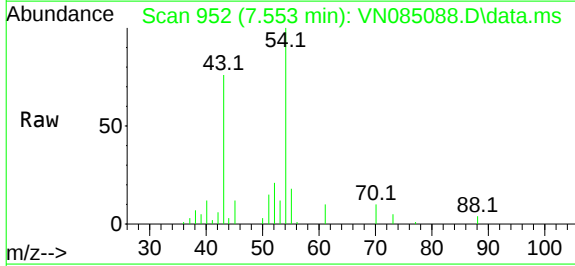
#37
Ethyl Acetate
Concen: 23.512 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:	43	Resp:	49774
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.7	17.5
70	11.2	9.3	13.9

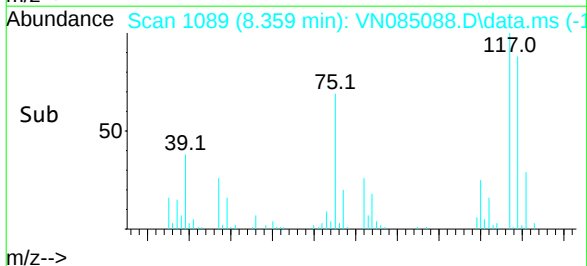
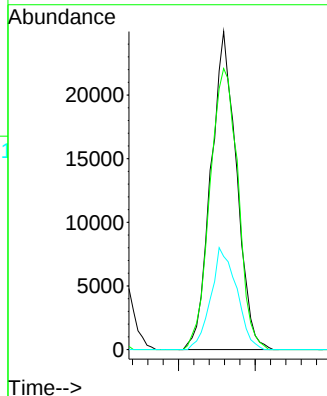
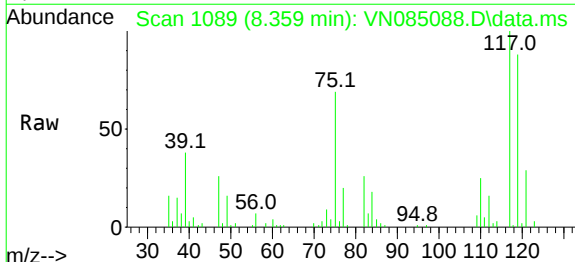
Manual Integrations
APPROVED

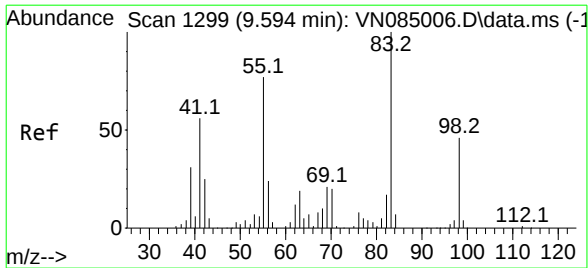
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#38
Carbon Tetrachloride
Concen: 21.584 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

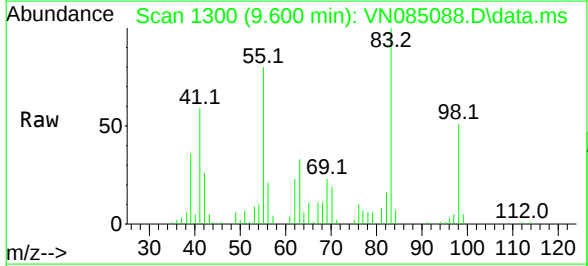
Tgt Ion:	117	Resp:	58017
Ion	Ratio	Lower	Upper
117	100		
119	88.4	78.6	117.8
121	29.3	24.2	36.2





#39
Methylcyclohexane
Concen: 21.726 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

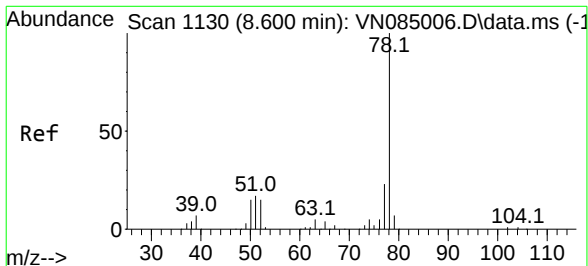
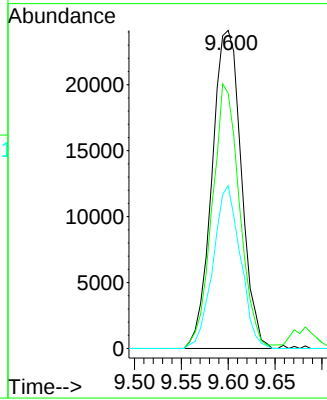
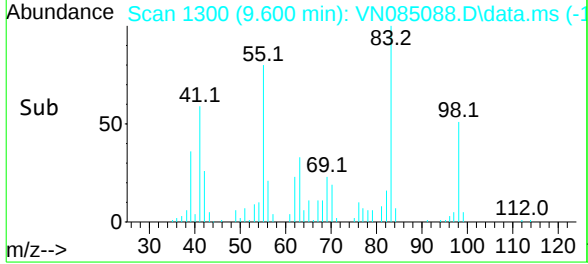
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 83 Resp: 52573
Ion Ratio Lower Upper
83 100
55 80.3 61.8 92.6
98 51.2 37.0 55.6

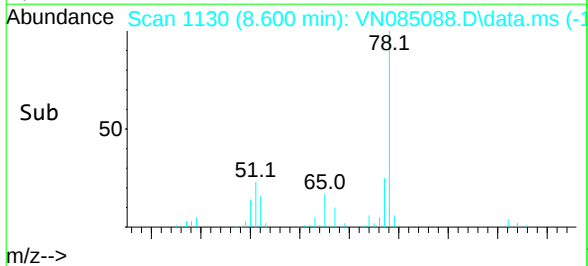
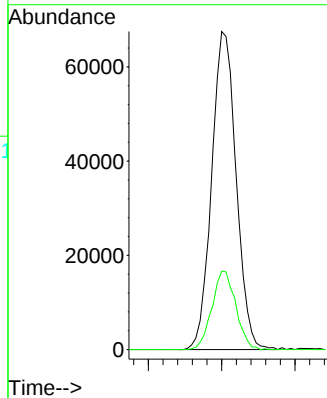
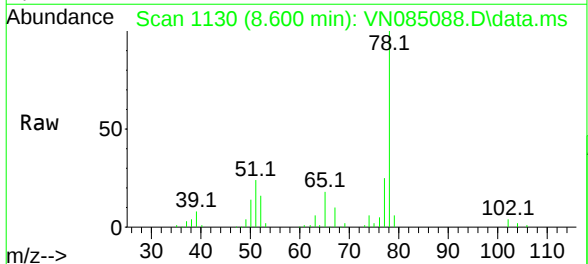
Manual Integrations
APPROVED

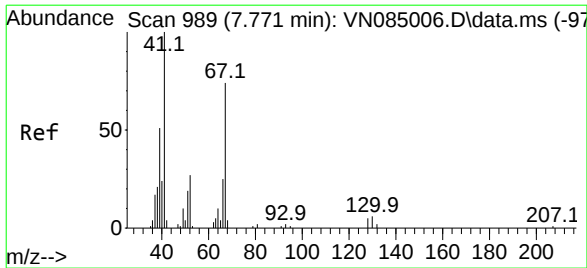
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#40
Benzene
Concen: 21.249 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

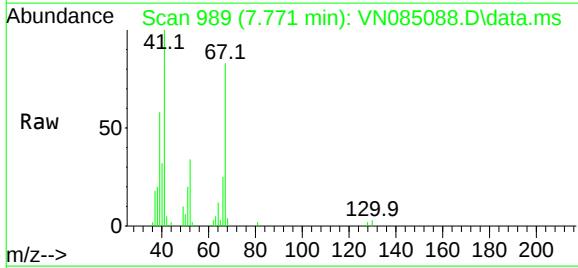
Tgt Ion: 78 Resp: 156497
Ion Ratio Lower Upper
78 100
77 24.7 18.5 27.7





#41
Methacrylonitrile
Concen: 22.991 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

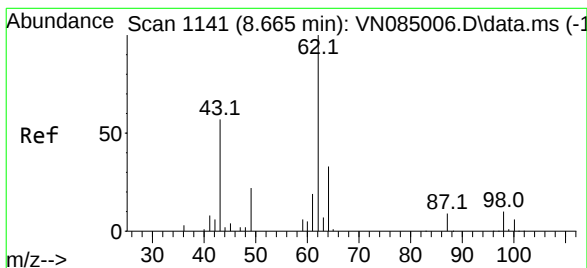
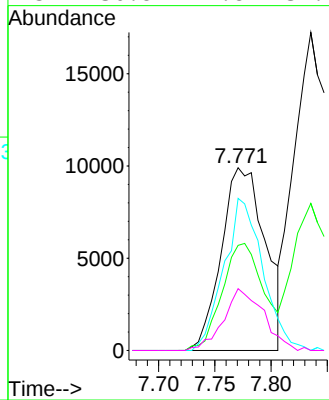
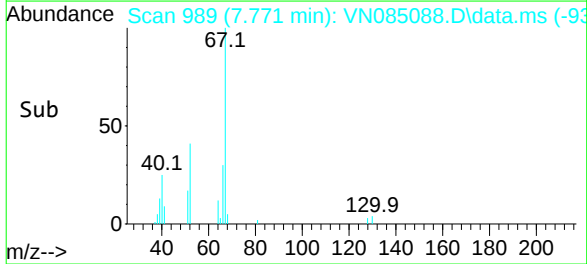
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:	41	Resp:	26948
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.6	63.8
67	73.8	59.9	89.9
52	30.8	24.8	37.2

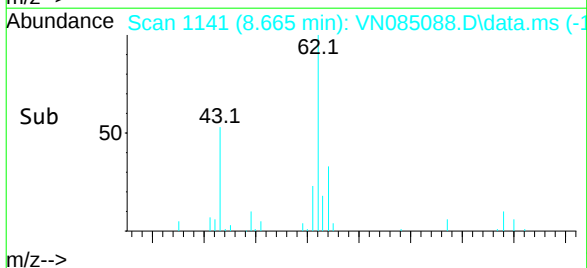
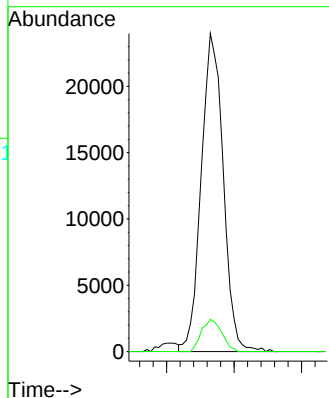
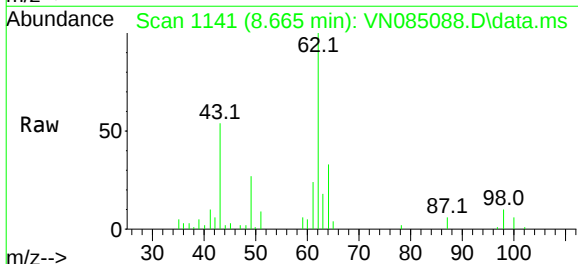
Manual Integrations
APPROVED

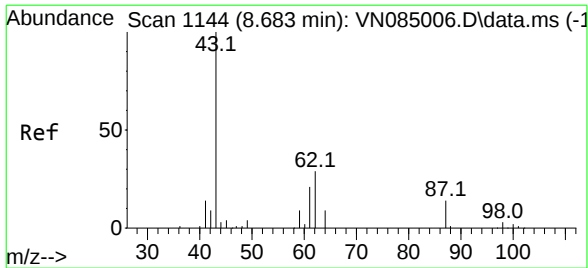
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#42
1,2-Dichloroethane
Concen: 21.578 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:	62	Resp:	54368
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





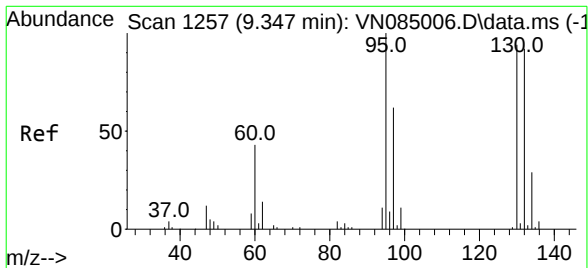
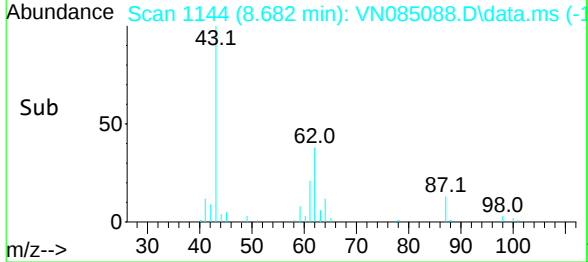
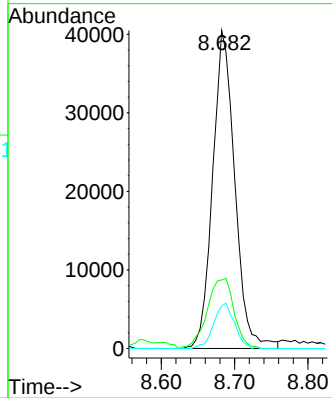
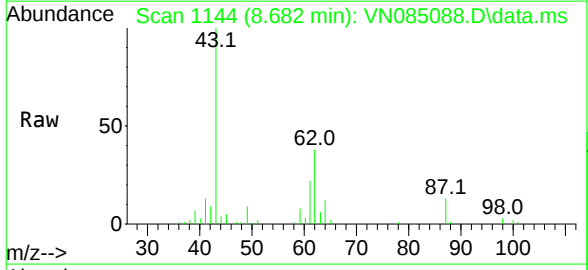
#43
Isopropyl Acetate
Concen: 19.319 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 43	Resp: 84953
Ion Ratio	Lower Upper
43 100	
61 26.6	20.6 30.8
87 13.4	11.0 16.4

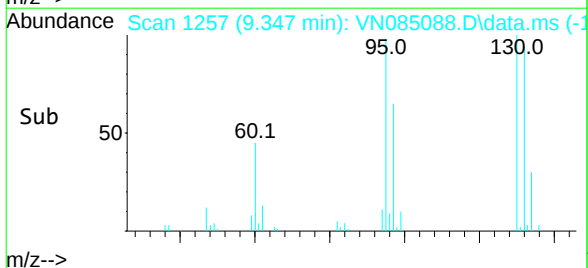
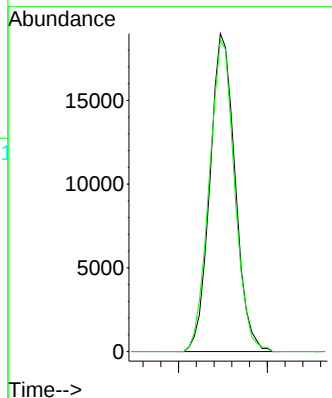
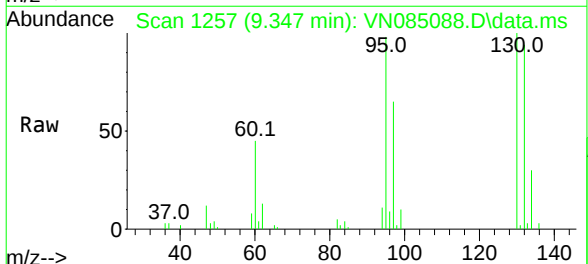
Manual Integrations
APPROVED

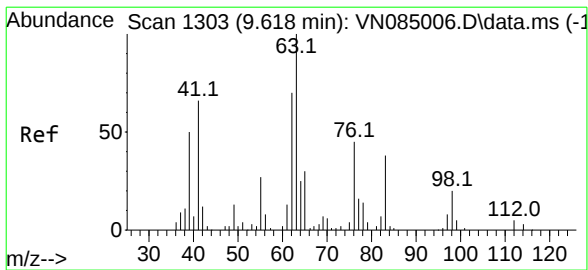
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#44
Trichloroethene
Concen: 21.787 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:130	Resp: 37291
Ion Ratio	Lower Upper
130 100	
95 97.9	0.0 213.4





#45

1,2-Dichloropropane

Concen: 21.398 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 63 Resp: 38817

Ion Ratio Lower Upper

63 100

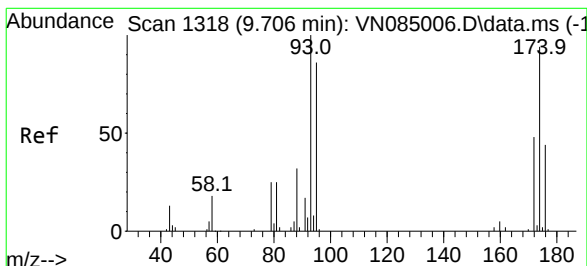
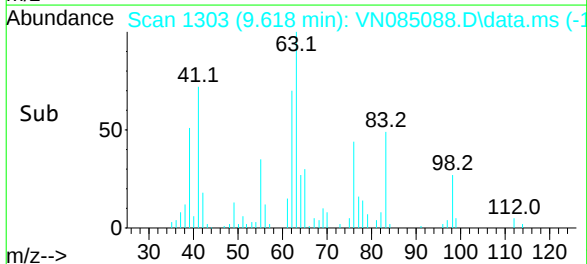
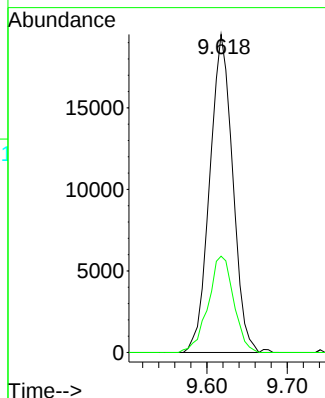
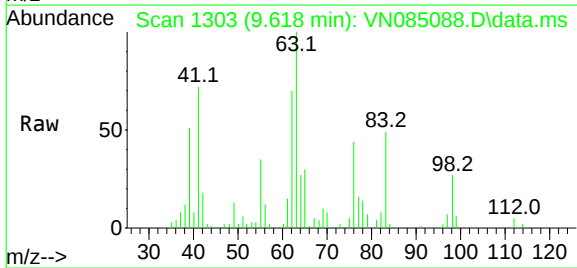
65 30.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#46

Dibromomethane

Concen: 21.920 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

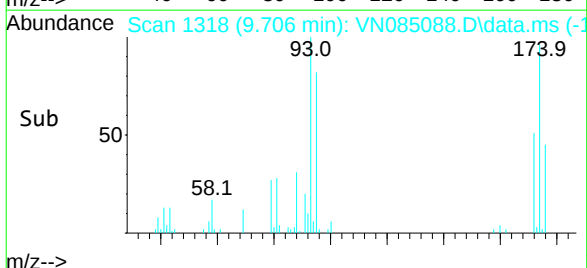
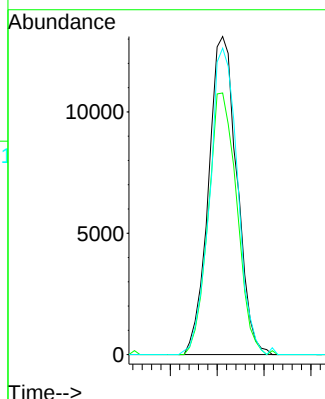
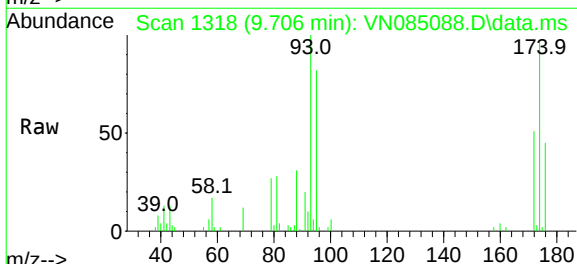
Tgt Ion: 93 Resp: 27630

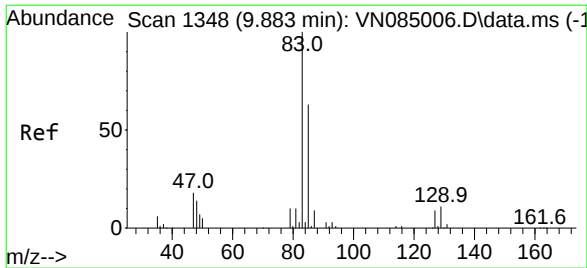
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 94.4 74.9 112.3





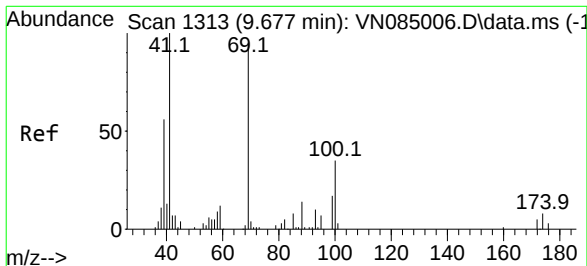
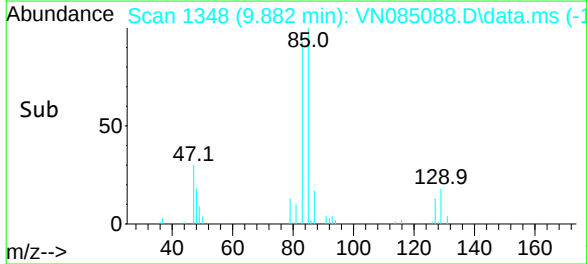
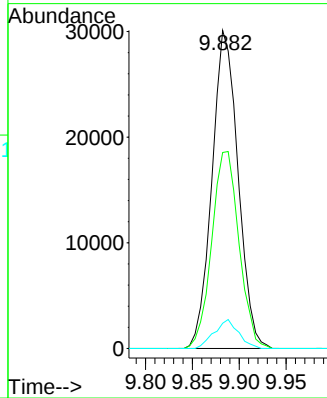
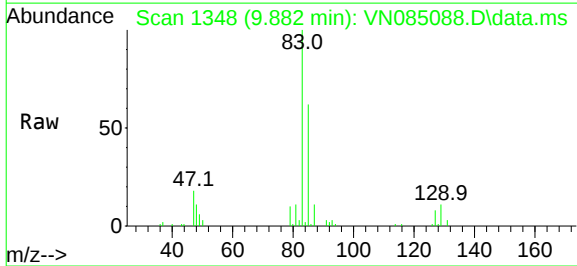
#47
Bromodichloromethane
Concen: 21.823 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 83 Resp: 58300
Ion Ratio Lower Upper
83 100
85 61.6 50.5 75.7
127 7.9 7.1 10.7

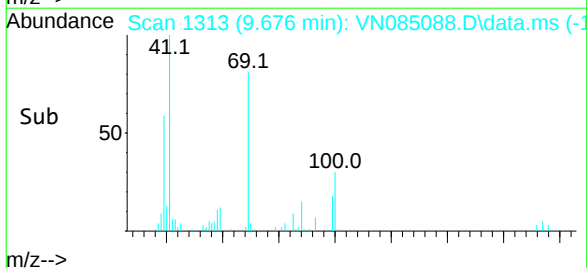
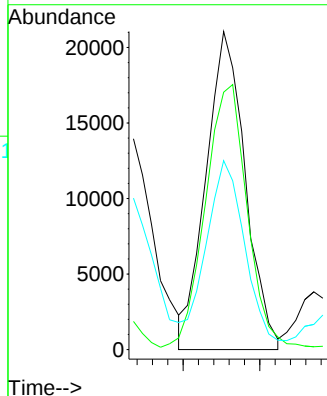
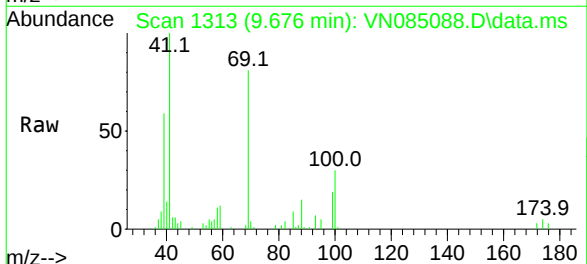
Manual Integrations
APPROVED

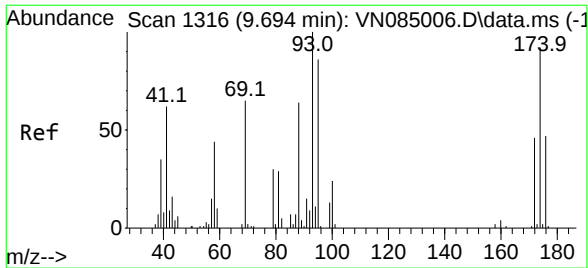
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#48
Methyl methacrylate
Concen: 22.880 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 41 Resp: 37439
Ion Ratio Lower Upper
41 100
69 89.8 73.2 109.8
39 60.2 46.2 69.4





#49

1,4-Dioxane

Concen: 473.265 ug/l

RT: 9.688 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN085088.D

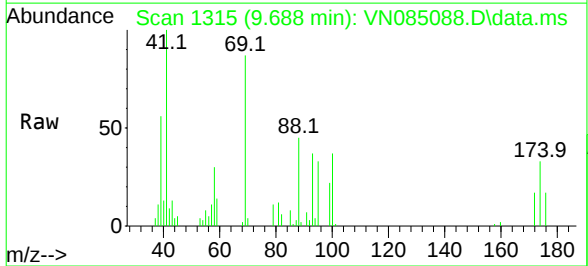
Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01



Tgt Ion: 88 Resp: 13430

Ion Ratio Lower Upper

88 100

43 27.0 16.7 25.1

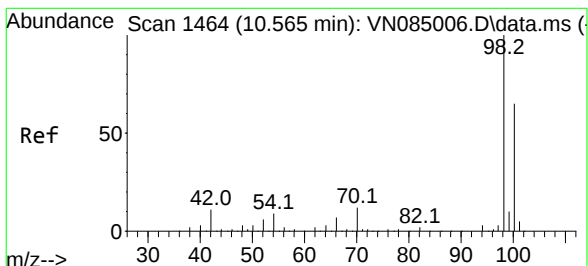
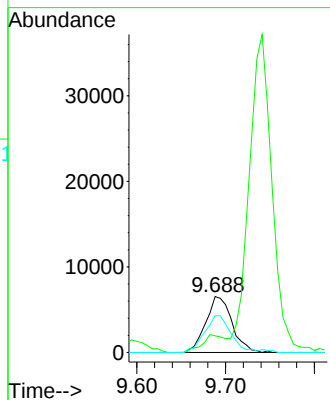
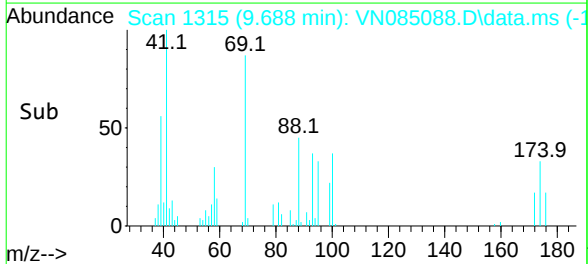
58 66.2 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#50

Toluene-d8

Concen: 49.493 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085088.D

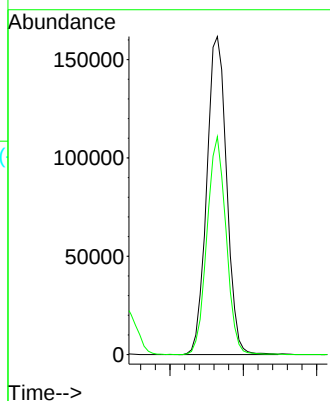
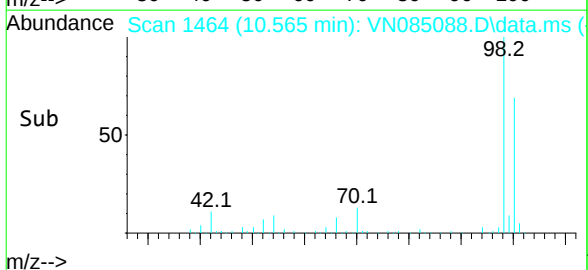
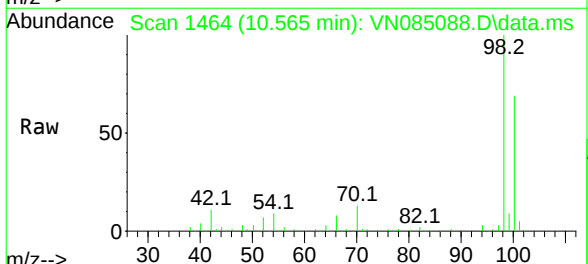
Acq: 04 Dec 2024 12:49

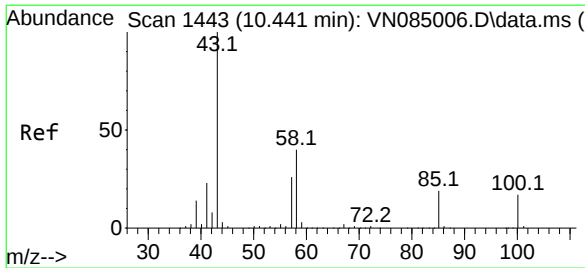
Tgt Ion: 98 Resp: 304939

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





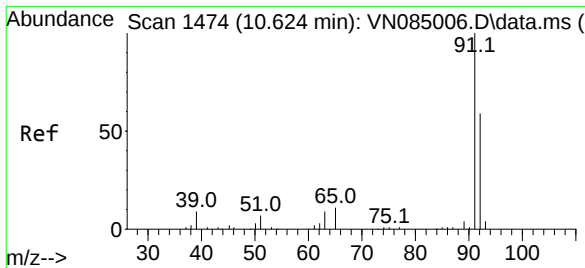
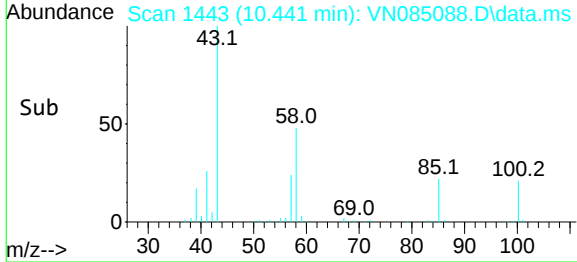
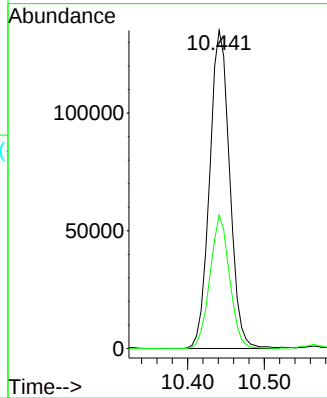
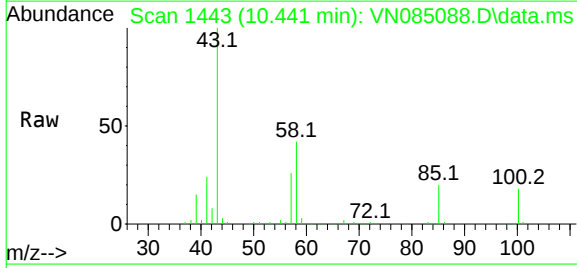
#51
4-Methyl-2-Pentanone
Concen: 122.269 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 43 Resp: 245579
Ion Ratio Lower Upper
43 100
58 40.9 32.1 48.1

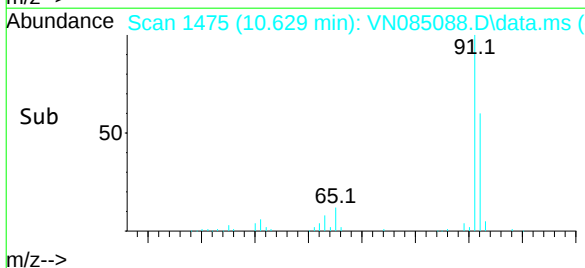
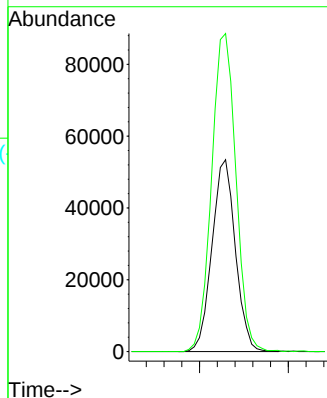
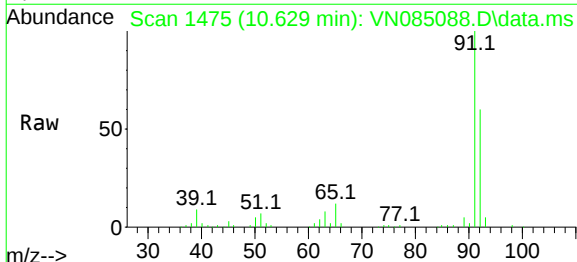
Manual Integrations
APPROVED

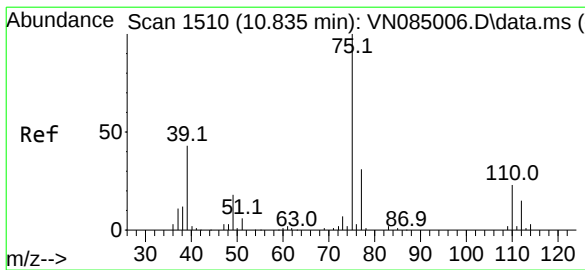
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#52
Toluene
Concen: 22.443 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

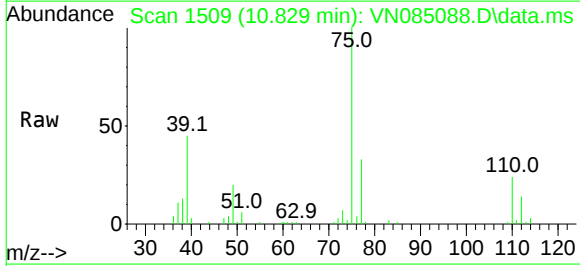
Tgt Ion: 92 Resp: 97852
Ion Ratio Lower Upper
92 100
91 172.1 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 20.967 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

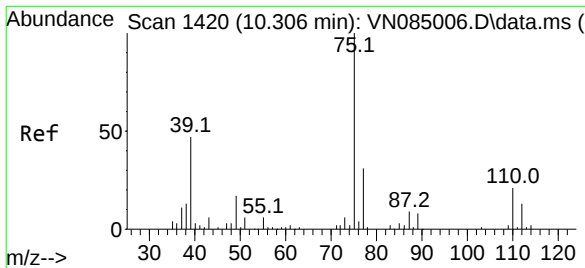
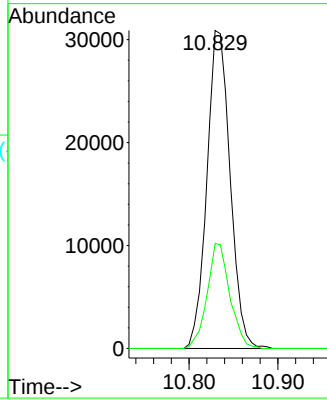
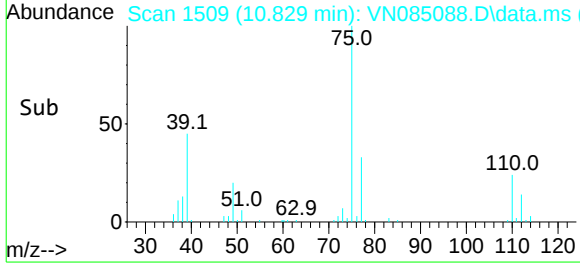
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 75 Resp: 56159
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.4

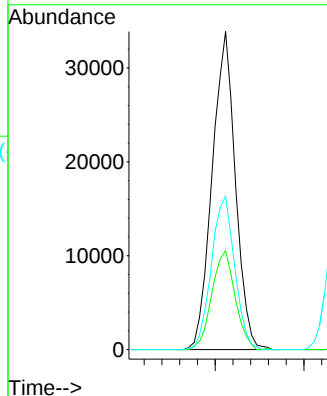
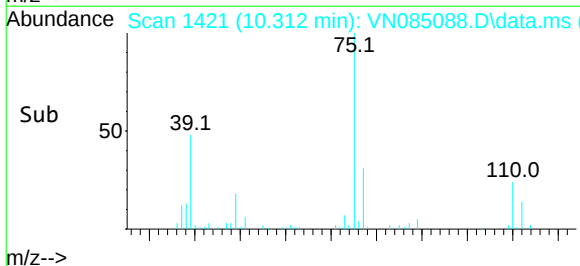
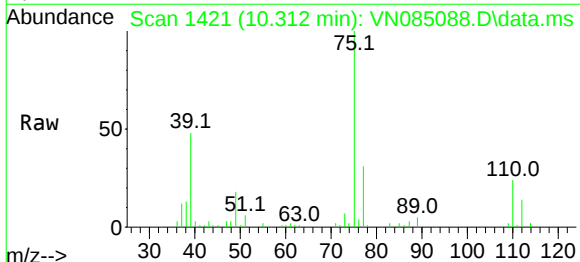
Manual Integrations
APPROVED

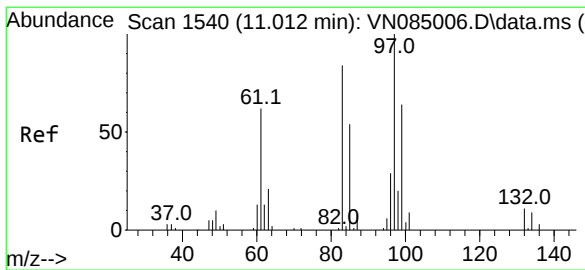
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#54
cis-1,3-Dichloropropene
Concen: 21.674 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 75 Resp: 61585
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 48.2 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 23.256 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 97 Resp: 37769

Ion Ratio Lower Upper

97 100

83 86.4 67.4 101.2

85 55.3 43.1 64.7

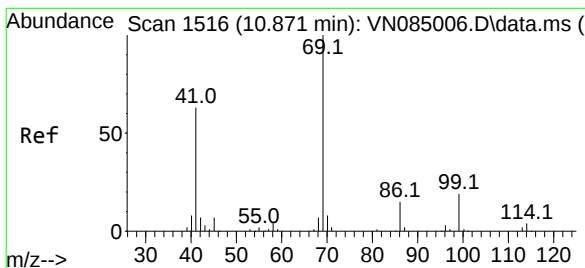
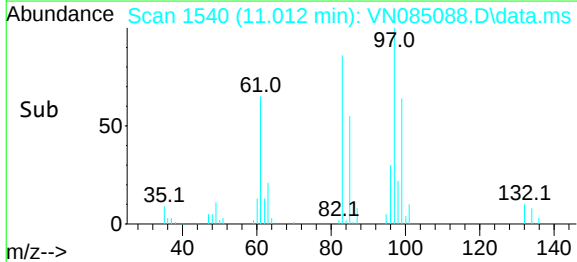
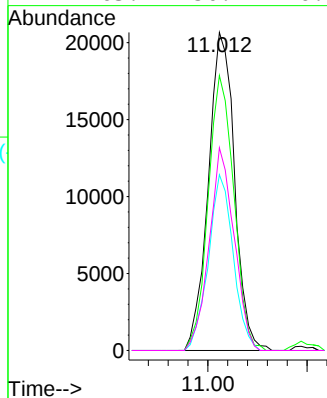
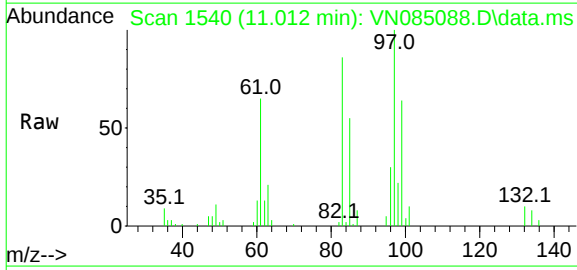
99 63.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#56

Ethyl methacrylate

Concen: 23.714 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

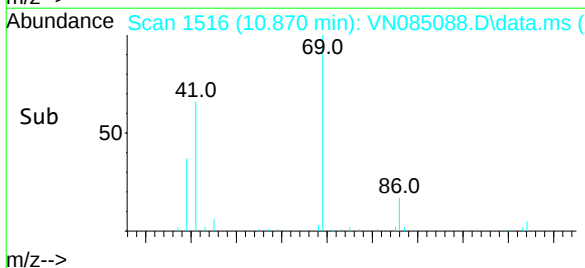
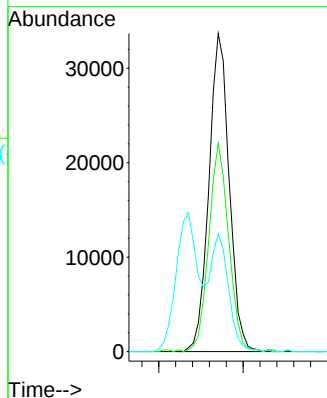
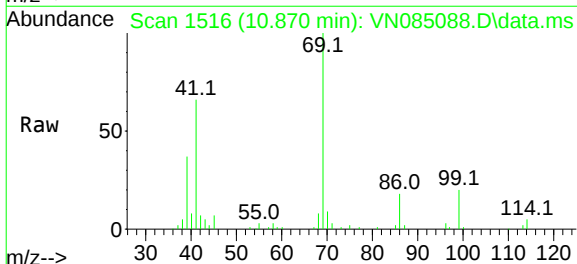
Tgt Ion: 69 Resp: 56277

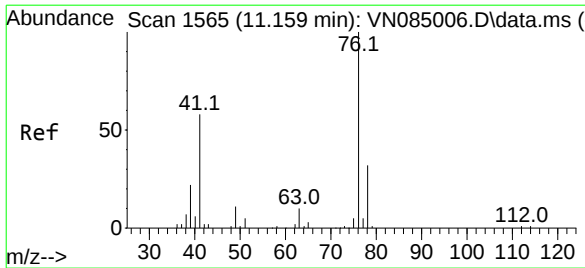
Ion Ratio Lower Upper

69 100

41 64.4 50.0 75.0

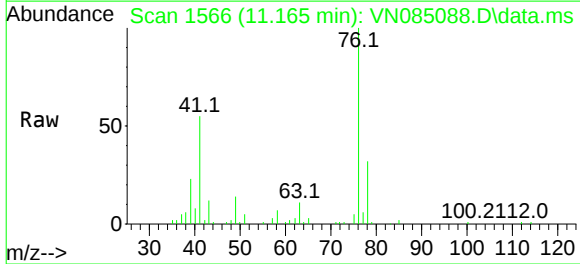
39 34.1 27.0 40.6





#57
1,3-Dichloropropane
Concen: 22.225 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

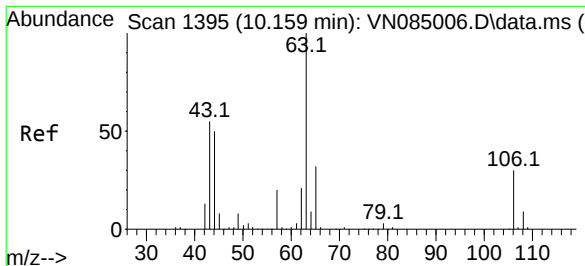
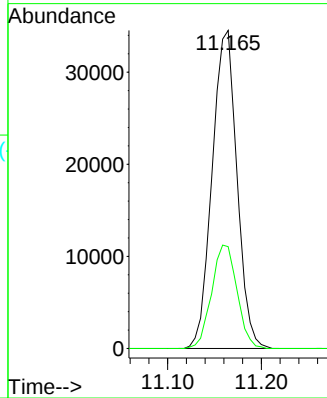
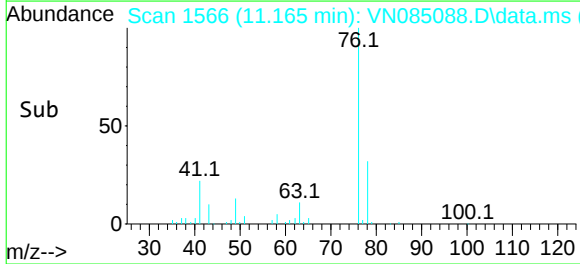
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion: 76 Resp: 63526
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

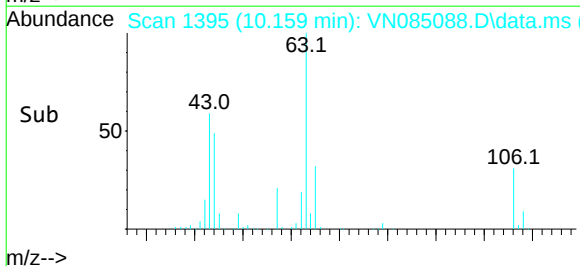
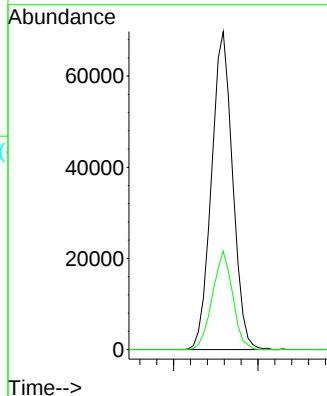
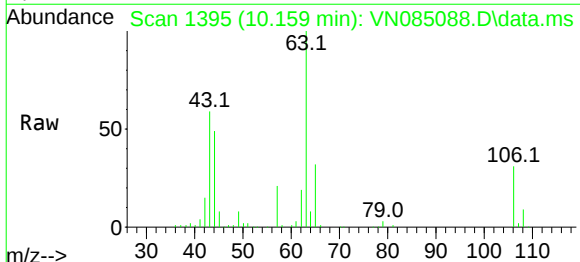
Manual Integrations
APPROVED

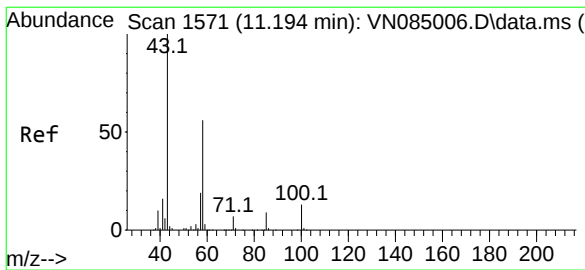
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#58
2-Chloroethyl Vinyl ether
Concen: 104.357 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 63 Resp: 121481
Ion Ratio Lower Upper
63 100
106 29.6 23.0 34.6





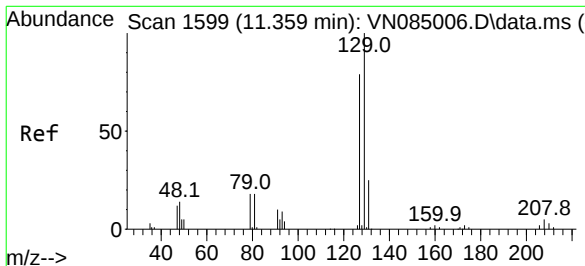
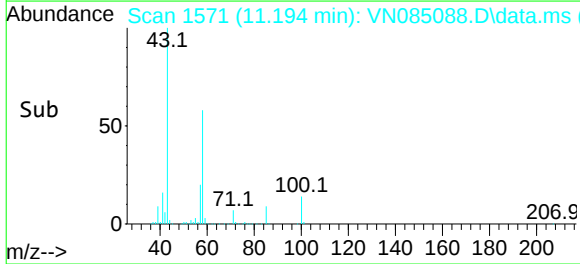
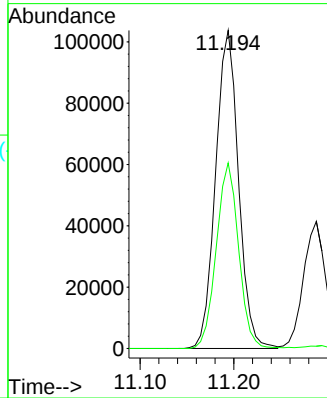
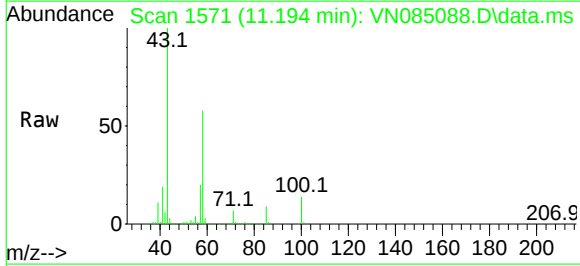
#59
2-Hexanone
Concen: 117.268 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 43 Resp: 176157
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0

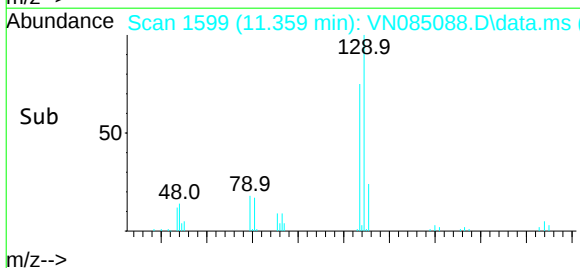
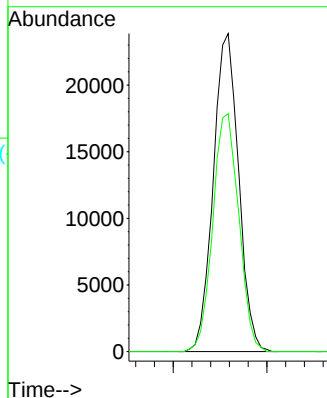
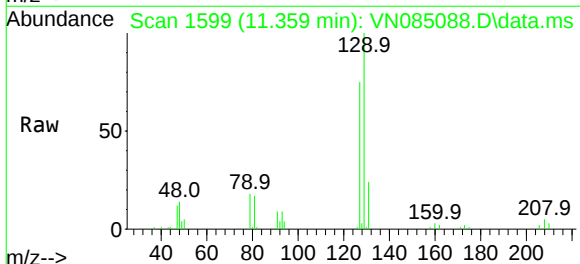
Manual Integrations
APPROVED

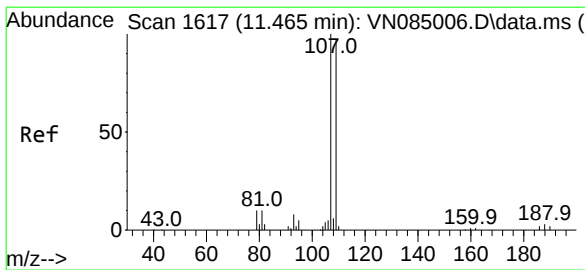
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#60
Dibromochloromethane
Concen: 22.579 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

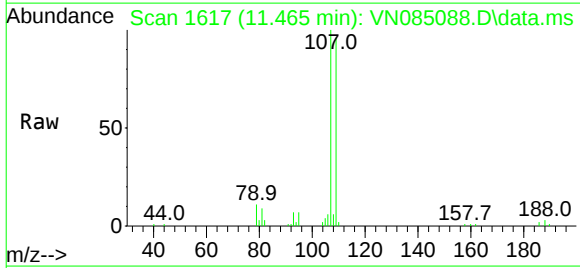
Tgt Ion:129 Resp: 44815
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 22.313 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

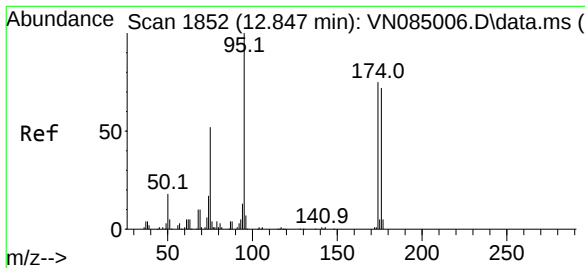
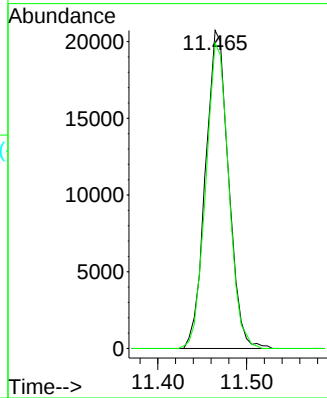
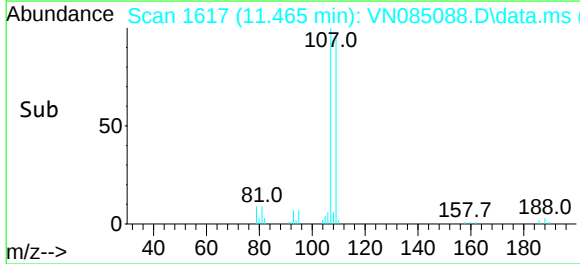
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion:107 Resp: 37502
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1

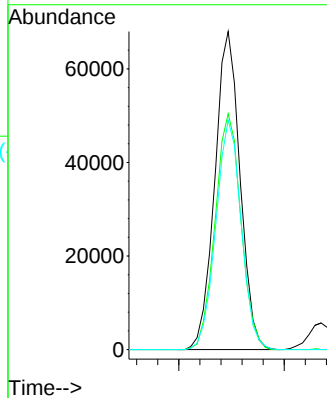
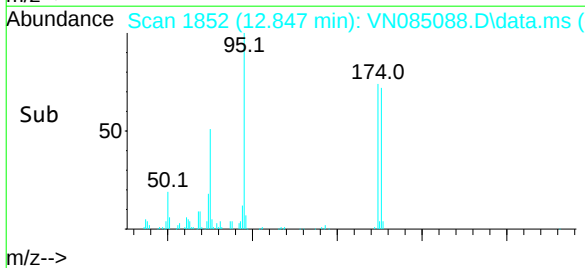
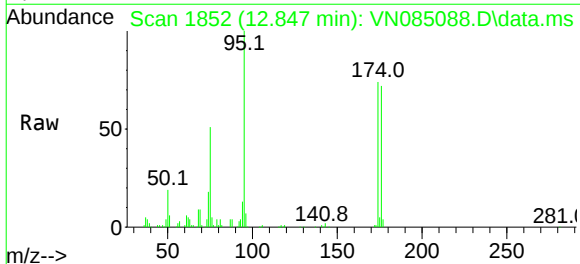
Manual Integrations
APPROVED

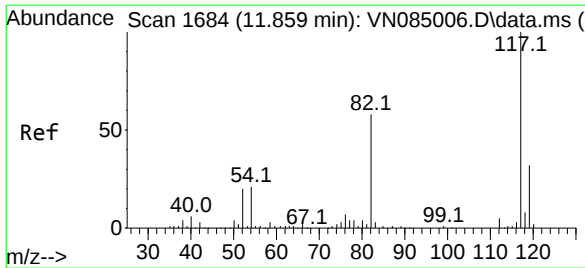
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#62
4-Bromofluorobenzene
Concen: 49.080 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion: 95 Resp: 113084
Ion Ratio Lower Upper
95 100
174 75.7 0.0 146.6
176 72.4 0.0 141.8





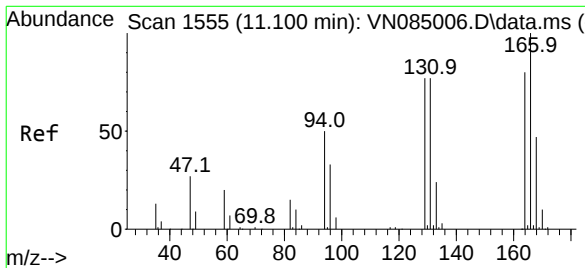
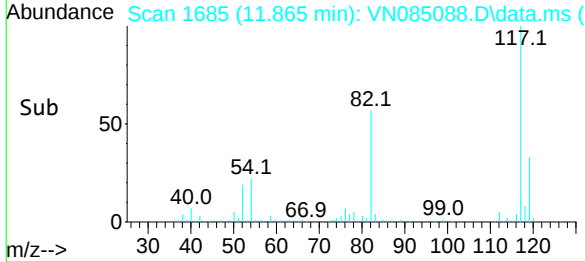
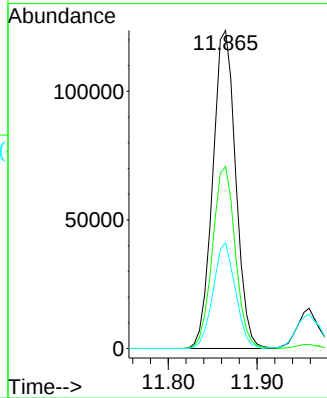
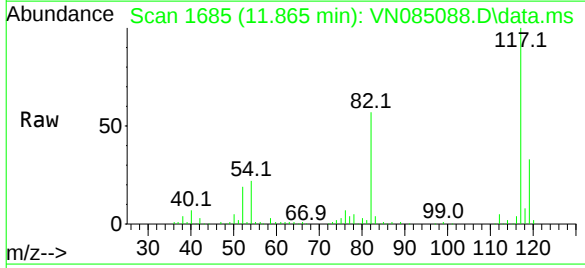
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:	117	Resp:	222412
Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.0	69.0
119	33.3	25.6	38.4

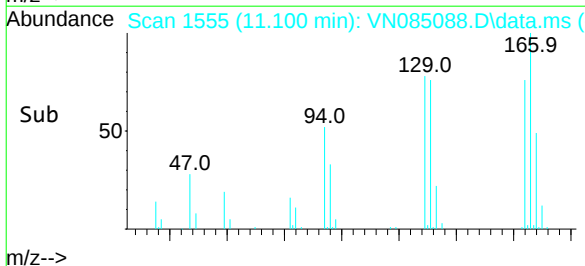
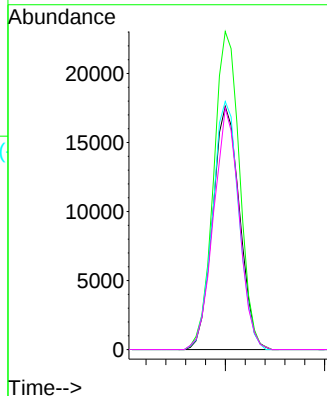
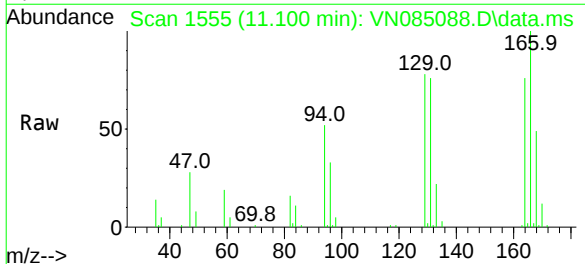
Manual Integrations
APPROVED

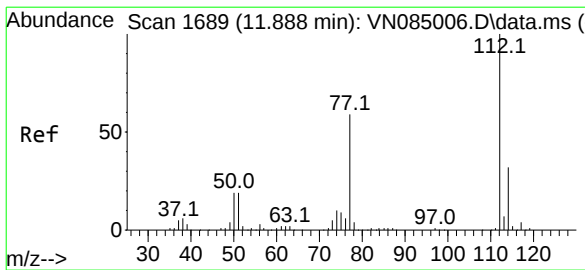
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#64
Tetrachloroethene
Concen: 22.111 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:	164	Resp:	33137
Ion	Ratio	Lower	Upper
164	100		
166	130.8	100.6	151.0
129	102.0	77.7	116.5
131	99.3	77.2	115.8





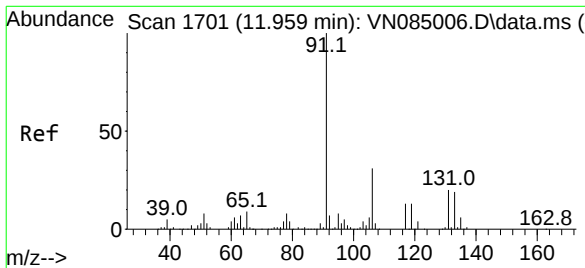
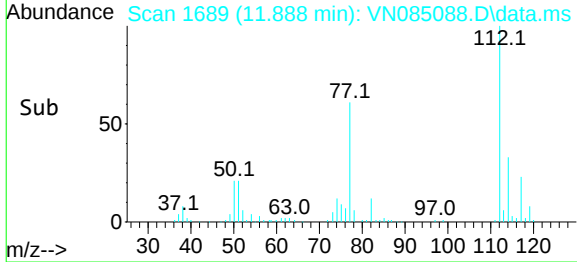
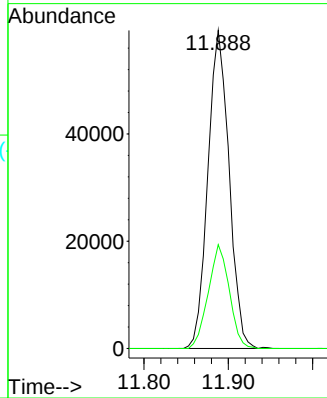
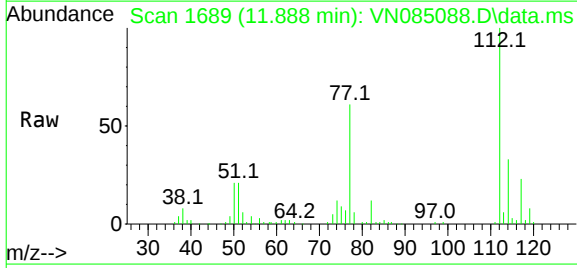
#65
Chlorobenzene
Concen: 20.522 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:112 Resp: 103516
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

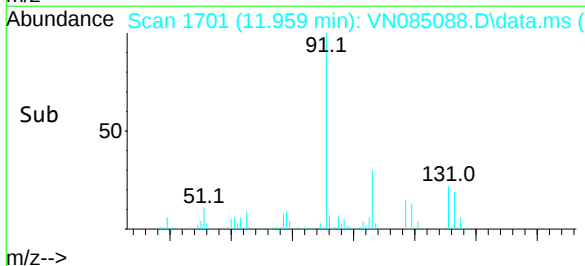
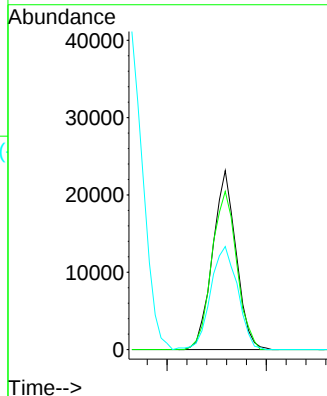
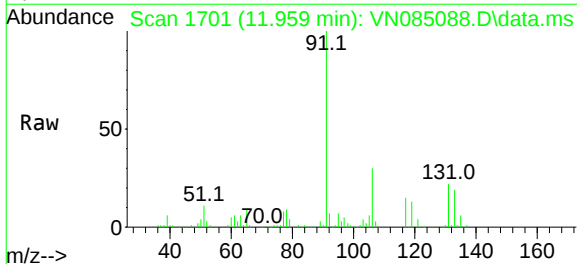
Manual Integrations
APPROVED

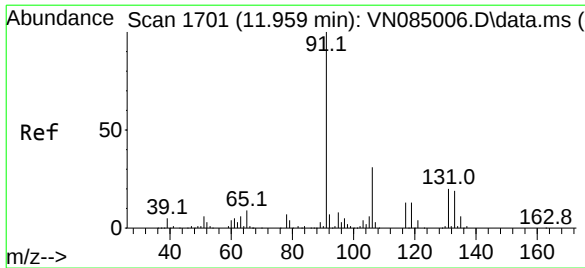
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.515 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:131 Resp: 38210
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.4
119 65.6 32.1 96.3





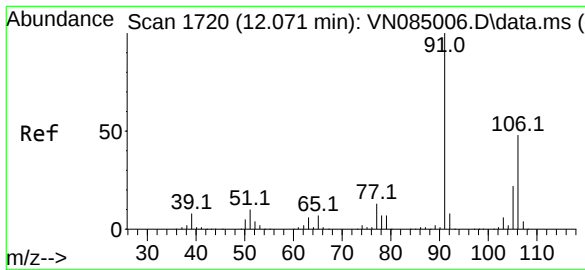
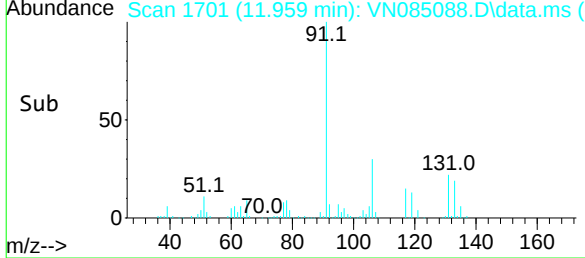
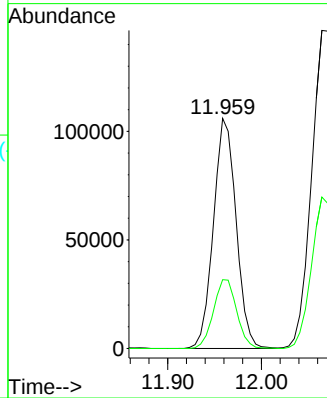
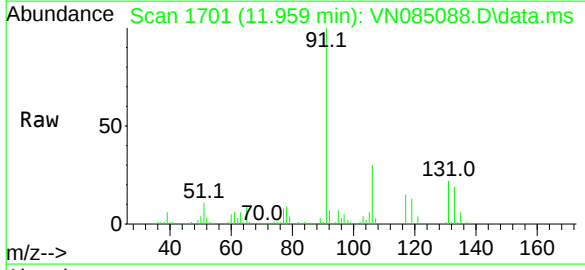
#67
Ethyl Benzene
Concen: 21.772 ug/l
RT: 11.959 min Scan# 1718
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 91 Resp: 178166
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1

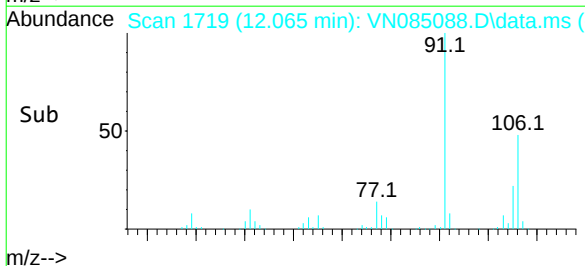
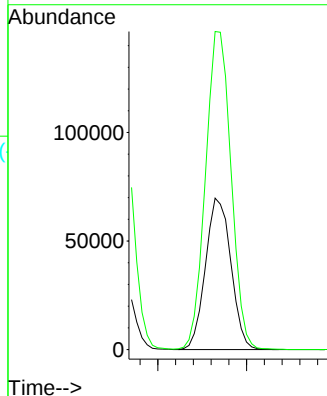
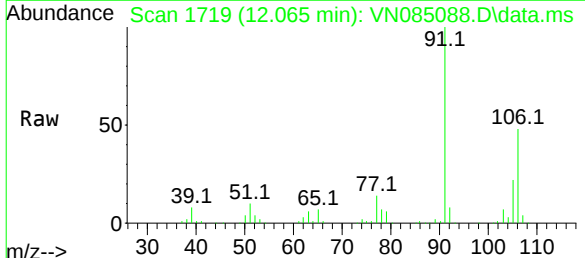
Manual Integrations
APPROVED

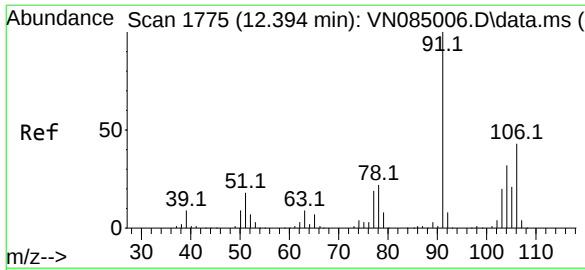
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#68
m/p-Xylenes
Concen: 44.646 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:106 Resp: 139096
Ion Ratio Lower Upper
106 100
91 210.7 168.0 252.0





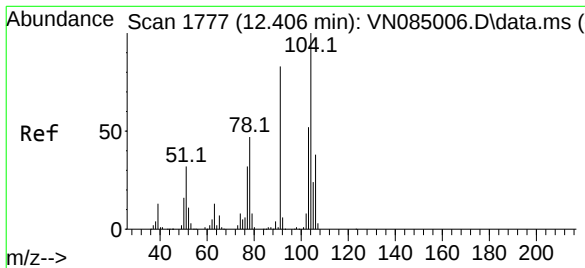
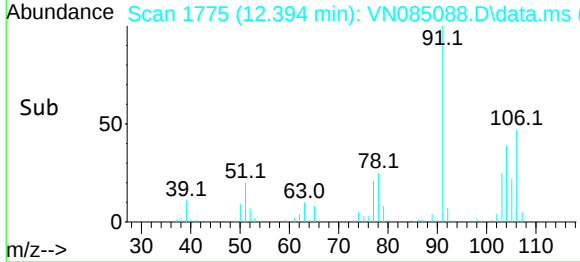
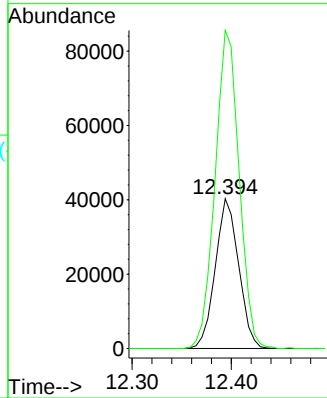
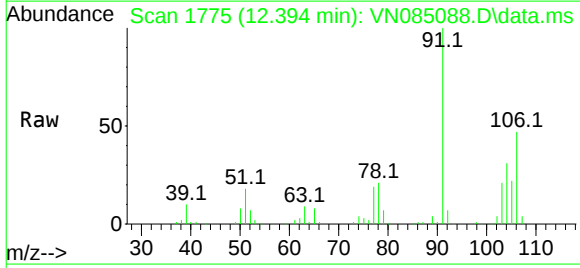
#69
o-Xylene
Concen: 22.261 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:106 Resp: 65975
Ion Ratio Lower Upper
106 100
91 218.4 110.7 331.9

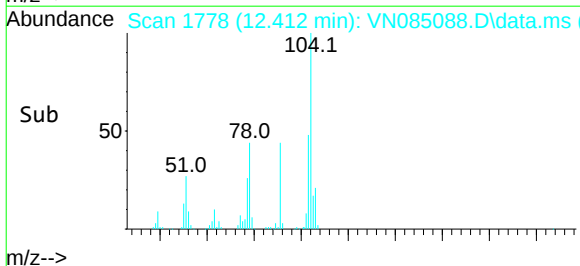
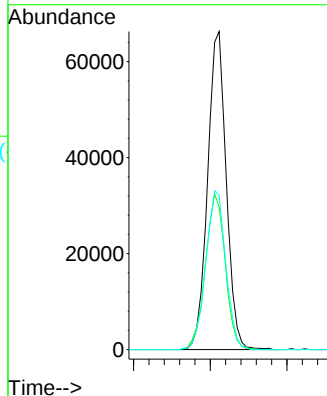
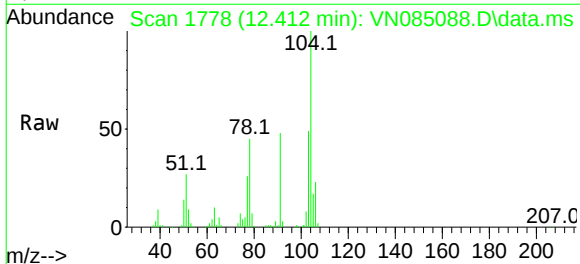
Manual Integrations
APPROVED

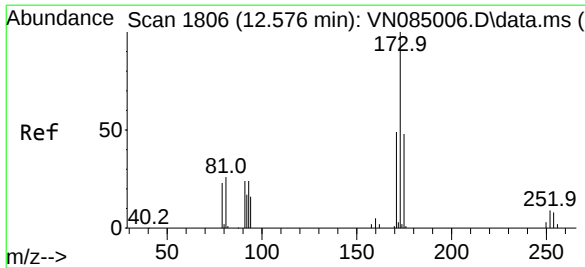
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#70
Styrene
Concen: 22.720 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:104 Resp: 111976
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 53.5 44.2 66.2





#71

Bromoform

Concen: 23.044 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

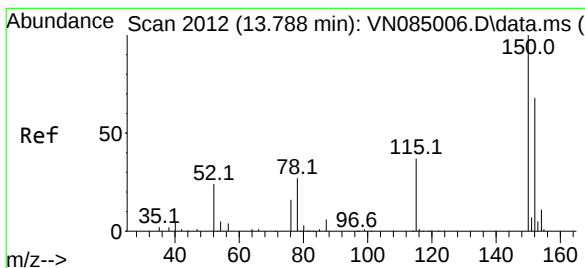
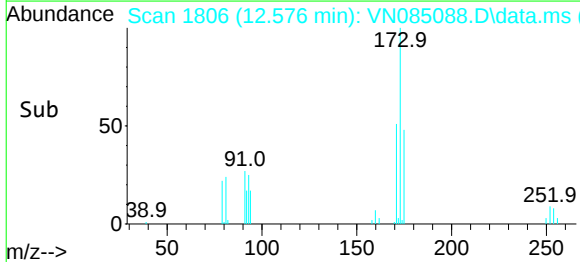
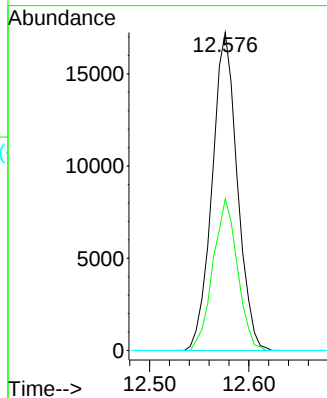
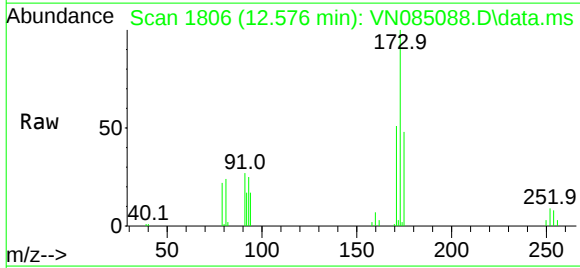
Tgt Ion:	173	Resp:	30378
Ion Ratio	Lower	Upper	
173	100		
175	46.5	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

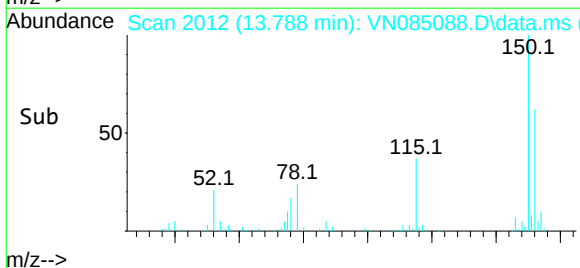
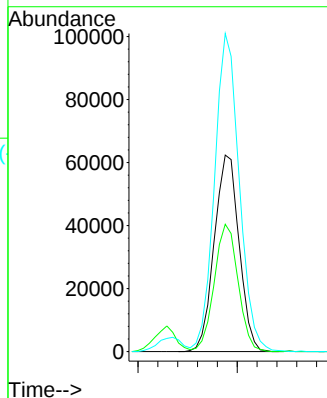
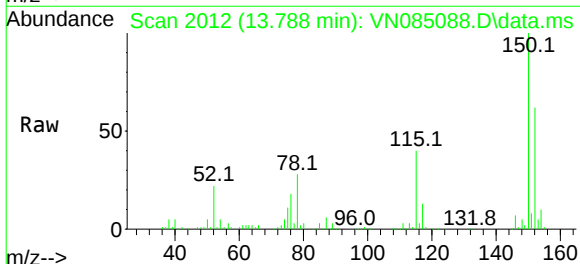
RT: 13.788 min Scan# 2012

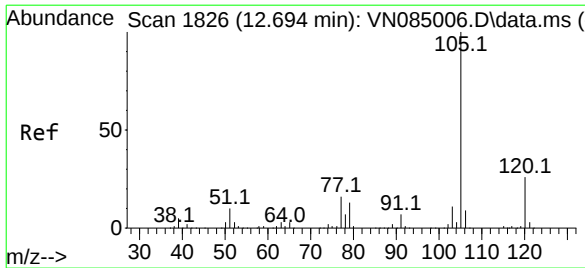
Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Tgt Ion:	152	Resp:	108310
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.7	95.1
150	161.5	0.0	351.4





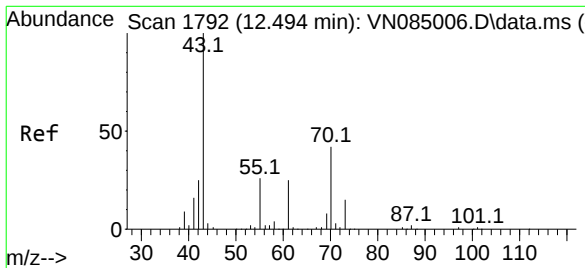
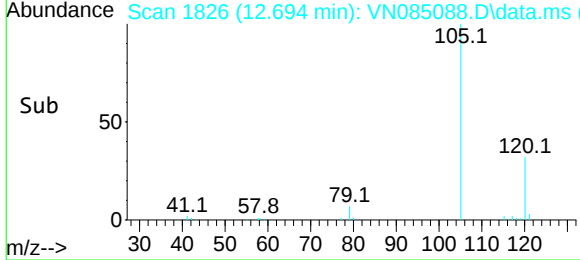
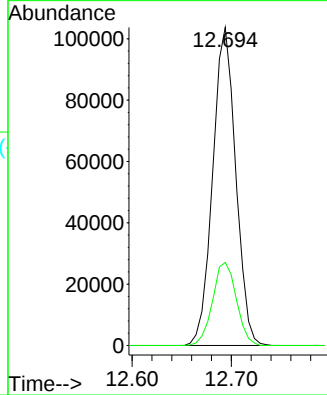
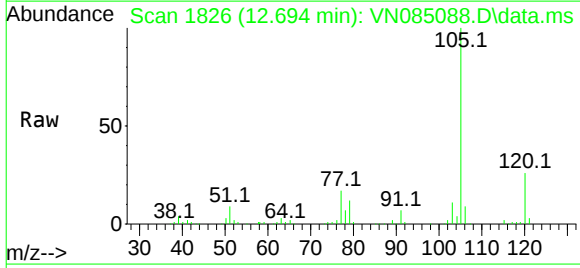
#73
Isopropylbenzene
Concen: 21.885 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 105 Resp: 167218
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0

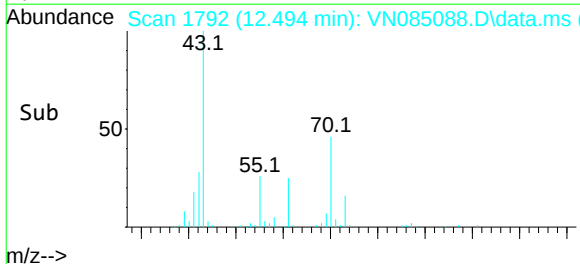
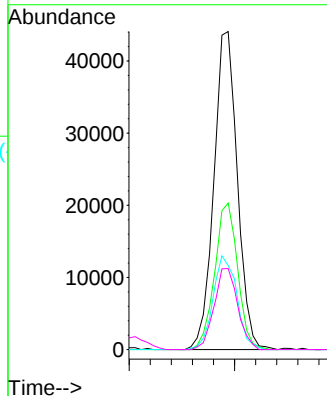
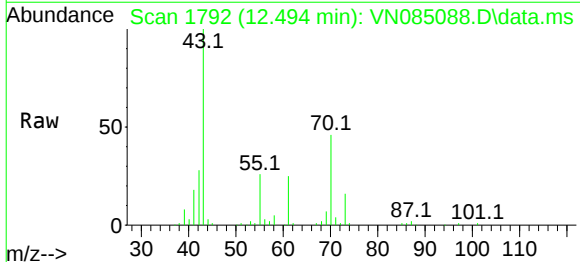
Manual Integrations
APPROVED

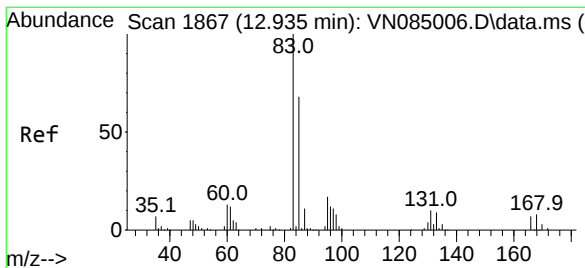
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#74
N-ethyl acetate
Concen: 21.678 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

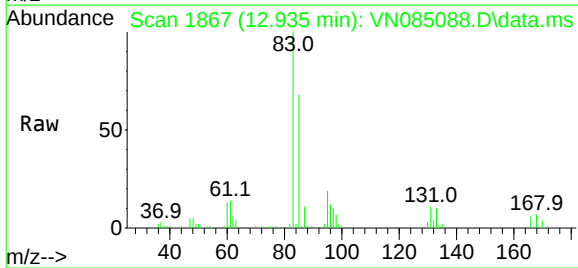
Tgt Ion: 43 Resp: 68255
Ion Ratio Lower Upper
43 100
70 45.0 34.6 51.8
55 29.7 20.5 30.7
61 25.6 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

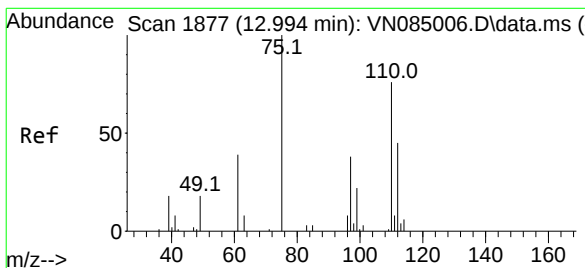
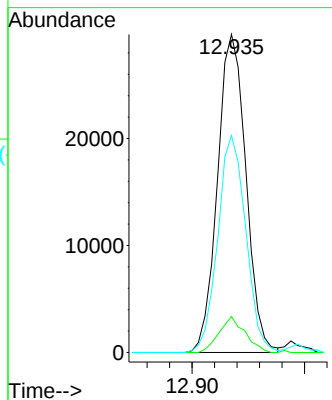
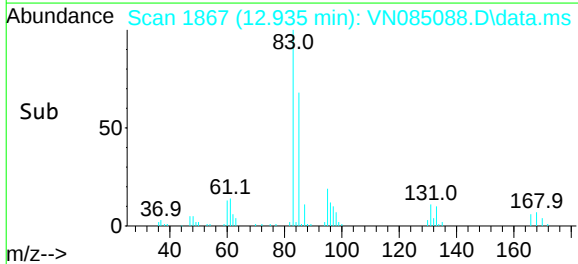
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	67.2	32.1	96.3

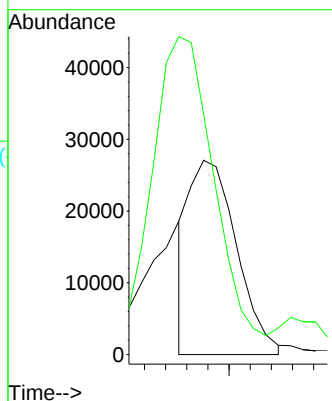
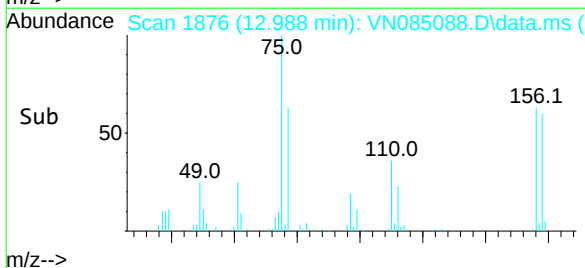
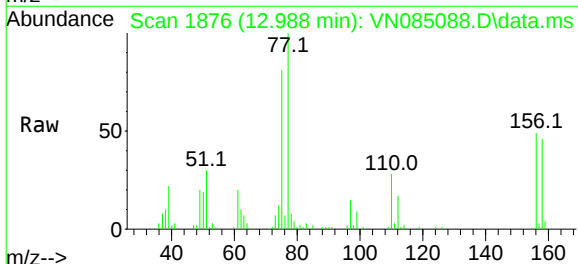
Manual Integrations
APPROVED

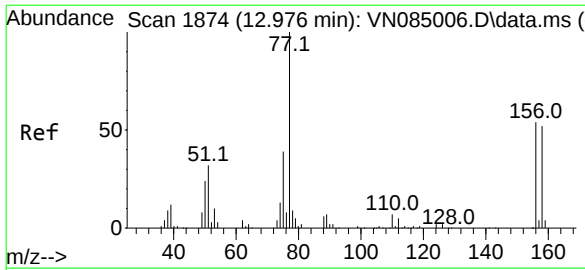
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#76
1,2,3-Trichloropropane
Concen: 21.460 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

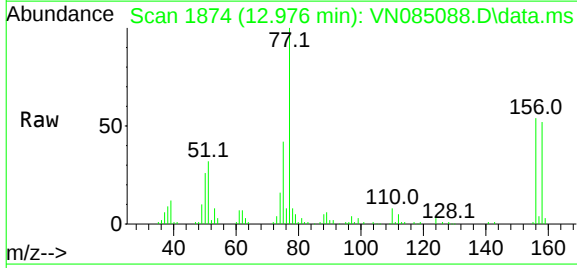
Tgt Ion	Ratio	Lower	Upper
75	100		
77	218.9	109.1	327.4





#77
Bromobenzene
Concen: 20.163 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

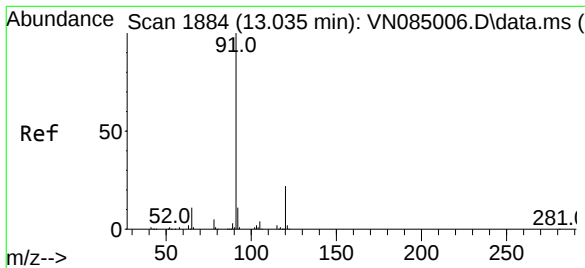
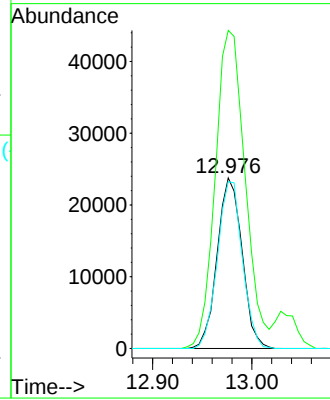
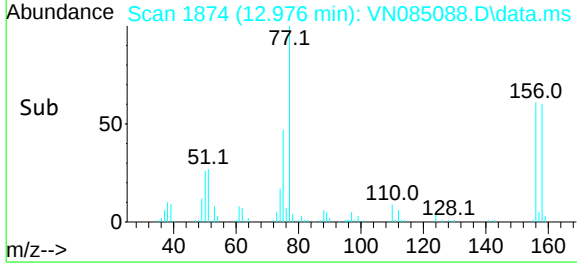
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



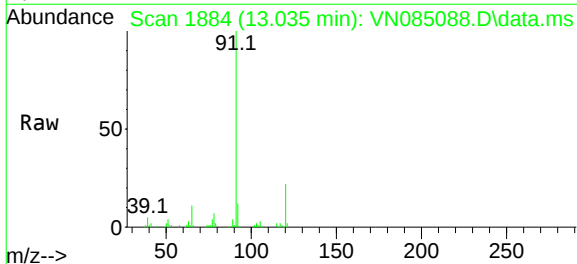
Tgt Ion: 156 Resp: 41459
Ion Ratio Lower Upper
156 100
77 223.2 107.2 321.6
158 98.0 48.5 145.6

Manual Integrations
APPROVED

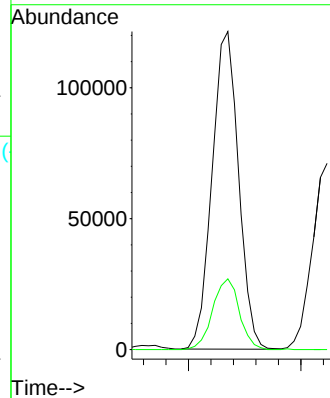
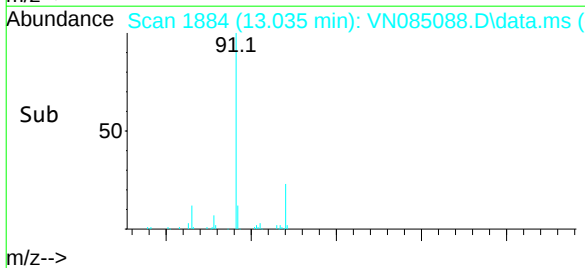
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

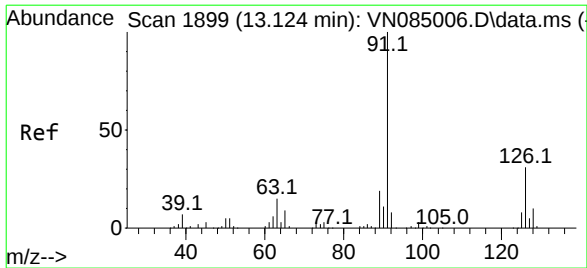


#78
n-propylbenzene
Concen: 22.519 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49



Tgt Ion: 91 Resp: 198462
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





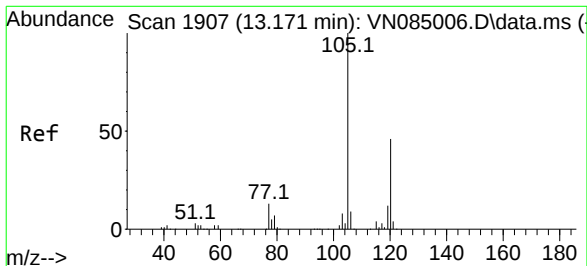
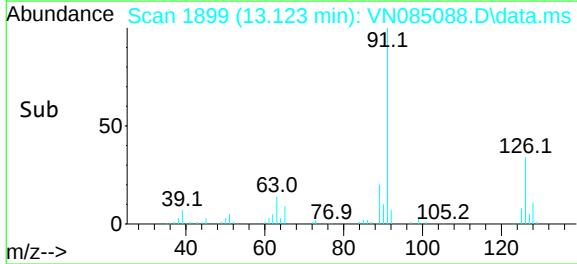
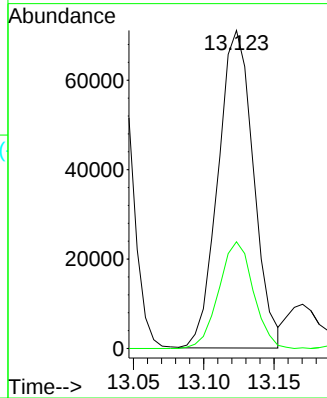
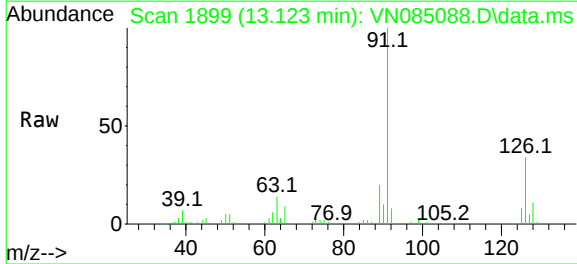
#79
2-Chlorotoluene
Concen: 21.179 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 91 Resp: 124600
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

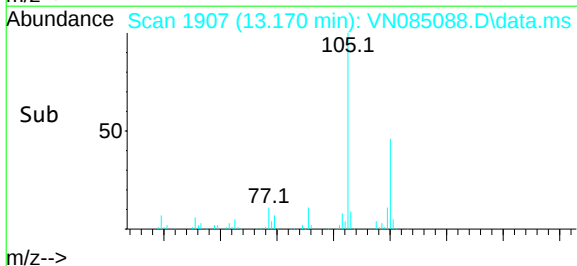
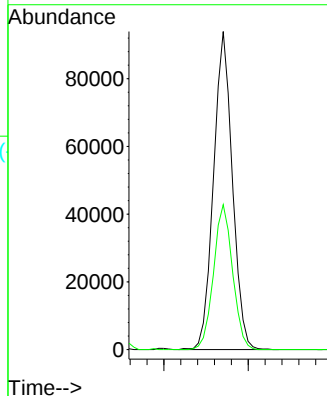
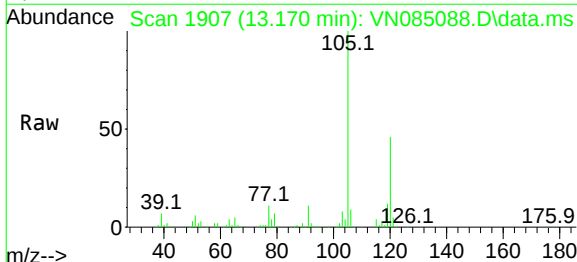
Manual Integrations
APPROVED

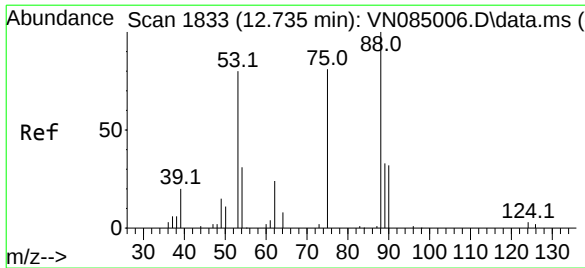
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.716 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:105 Resp: 145651
Ion Ratio Lower Upper
105 100
120 46.1 23.6 71.0





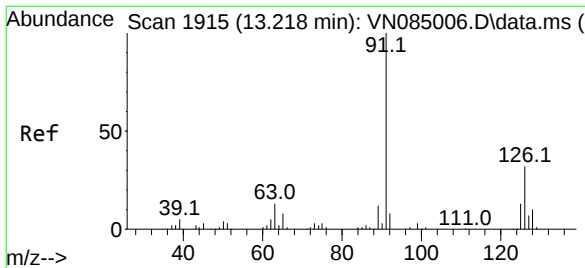
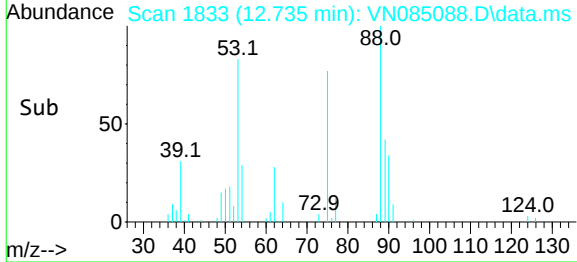
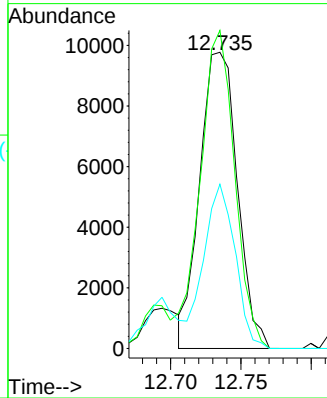
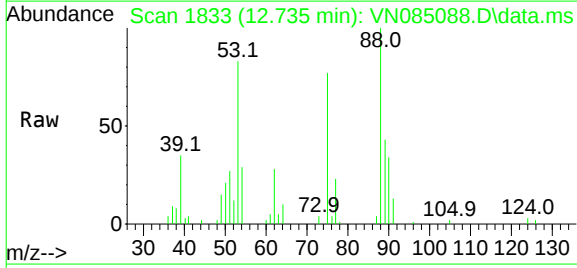
#81
trans-1,4-Dichloro-2-butene
Concen: 20.328 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.4	78.2	117.4
89	45.9	37.9	56.9

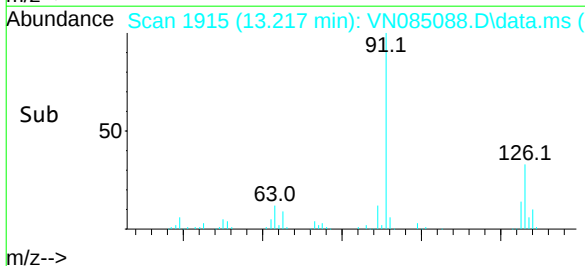
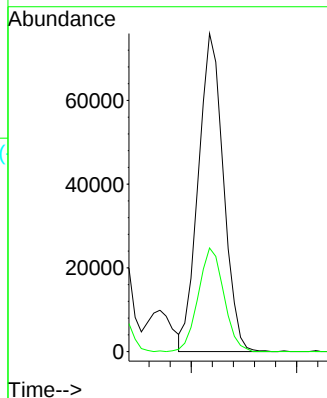
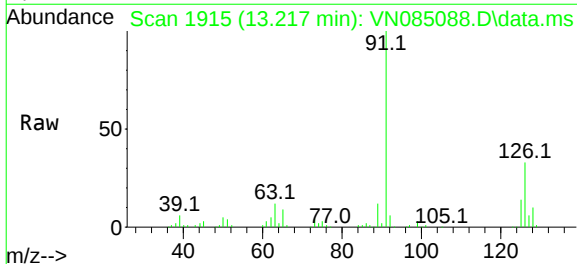
Manual Integrations
APPROVED

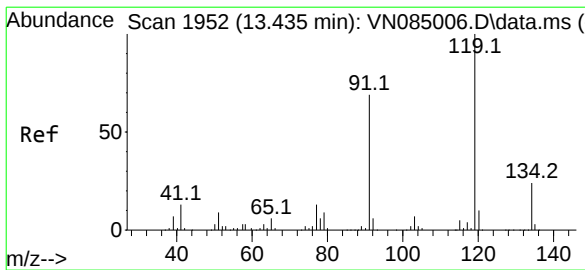
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#82
4-Chlorotoluene
Concen: 20.495 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.1	48.3





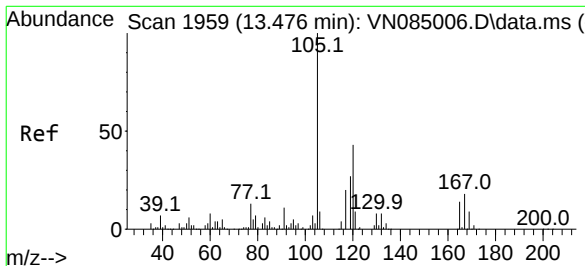
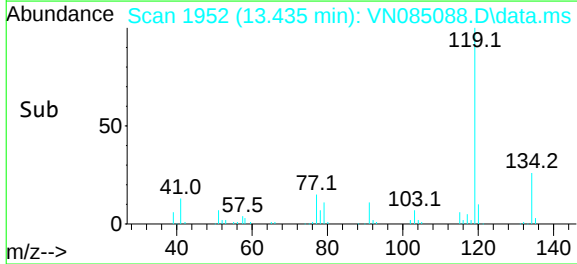
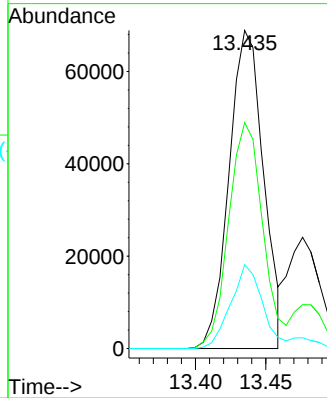
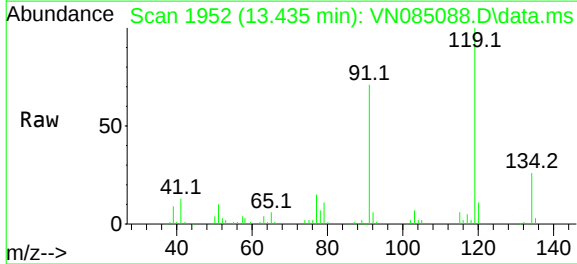
#83
tert-Butylbenzene
Concen: 21.262 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:119 Resp: 117294
Ion Ratio Lower Upper
119 100
91 70.8 35.1 105.5
134 24.3 12.1 36.3

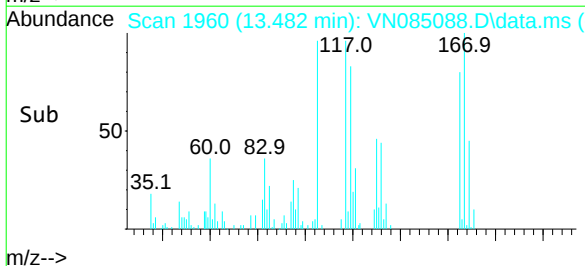
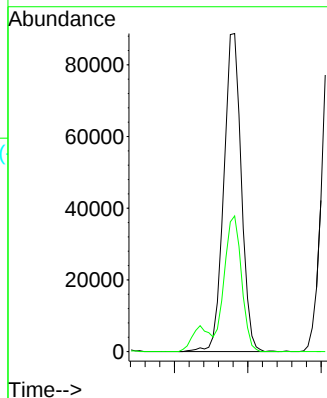
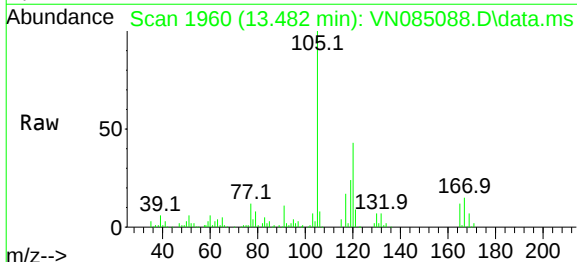
Manual Integrations
APPROVED

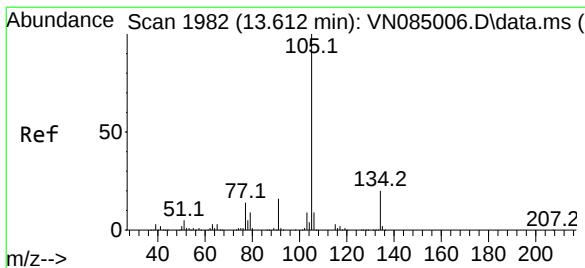
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#84
1,2,4-Trimethylbenzene
Concen: 22.298 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:105 Resp: 147163
Ion Ratio Lower Upper
105 100
120 41.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 22.433 ug/l

RT: 13.611 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion:105 Resp: 167178

Ion Ratio Lower Upper

105 100

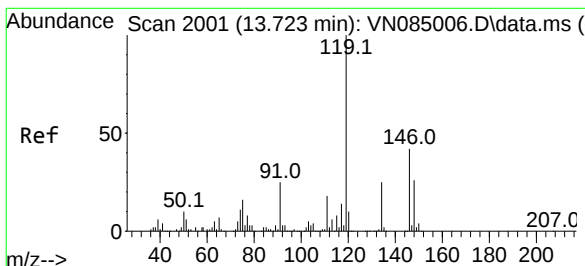
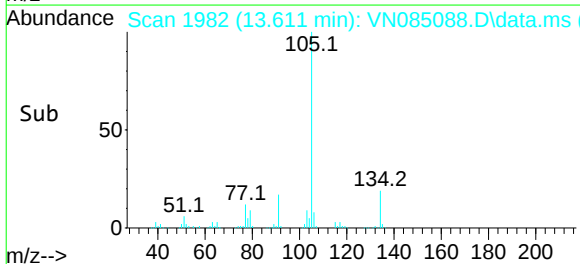
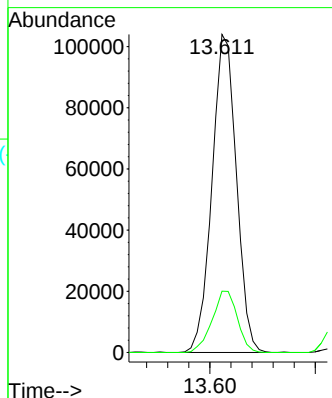
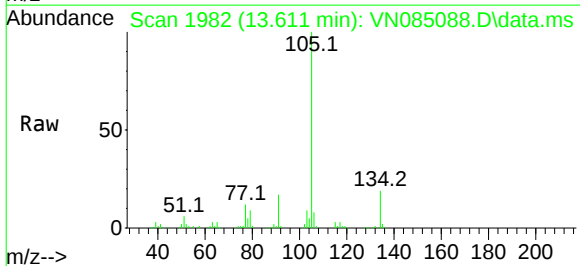
134 20.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#86

p-Isopropyltoluene

Concen: 22.600 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

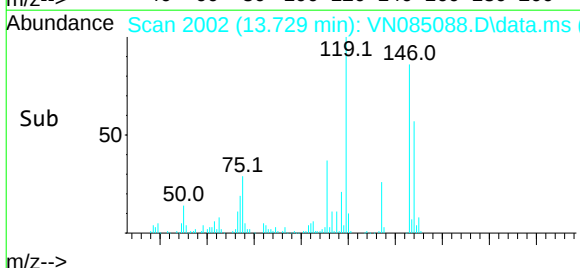
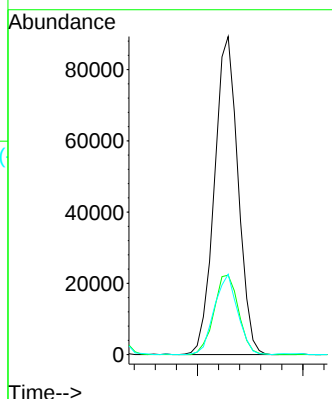
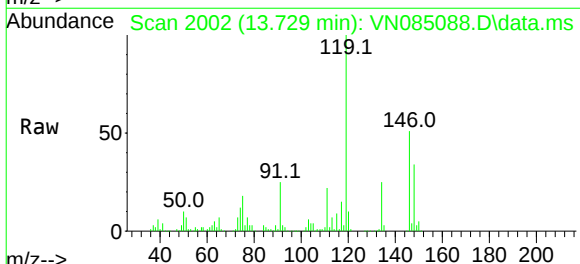
Tgt Ion:119 Resp: 139031

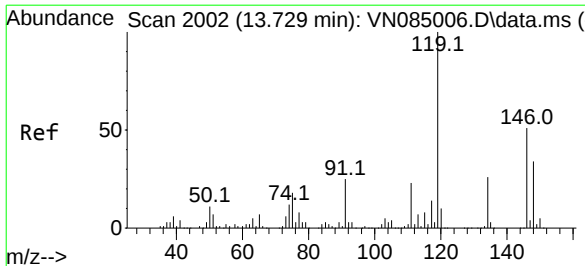
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

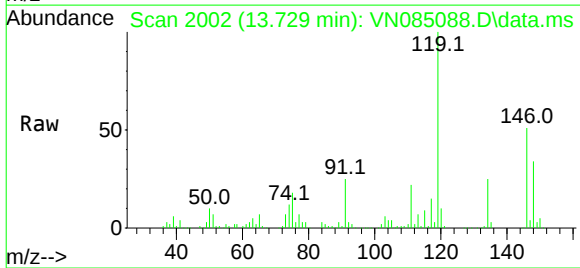
91 24.9 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 18.774 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

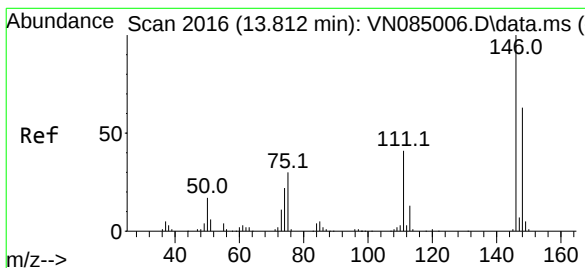
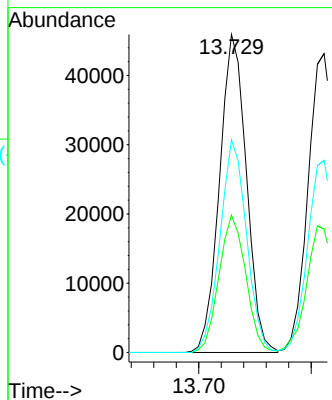
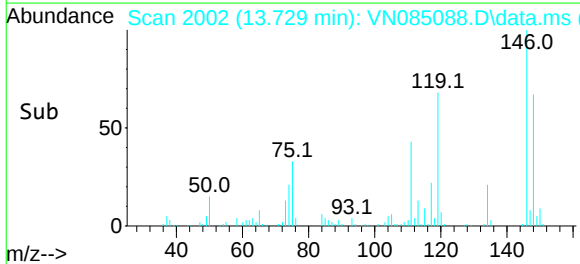
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01



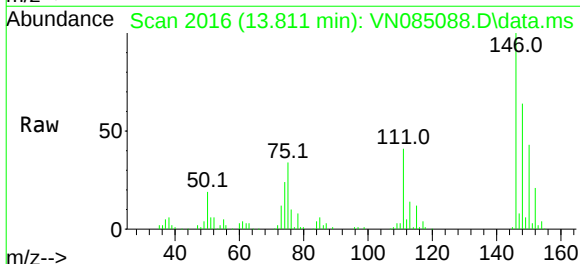
Tgt Ion:146 Resp: 76144
Ion Ratio Lower Upper
146 100
111 43.2 21.6 65.0
148 66.2 32.2 96.6

Manual Integrations
APPROVED

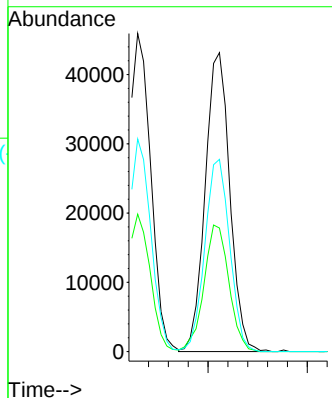
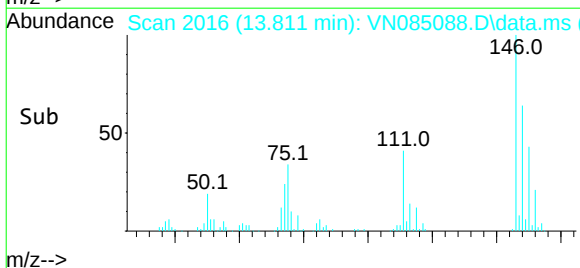
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

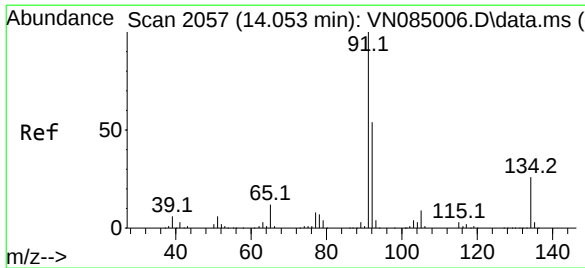


#88
1,4-Dichlorobenzene
Concen: 17.999 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49



Tgt Ion:146 Resp: 74494
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 65.0 31.3 93.9





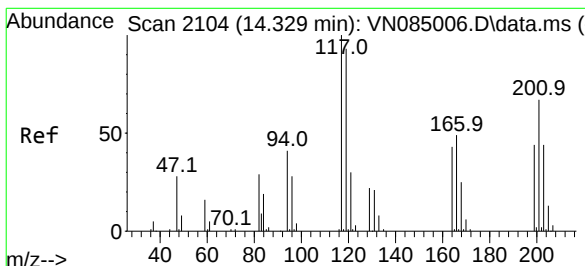
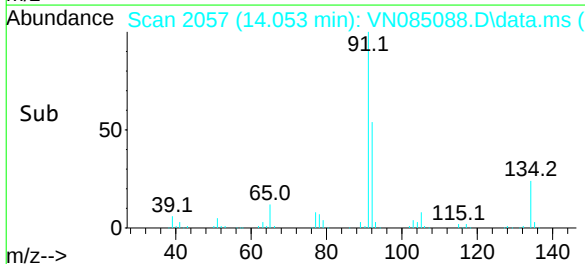
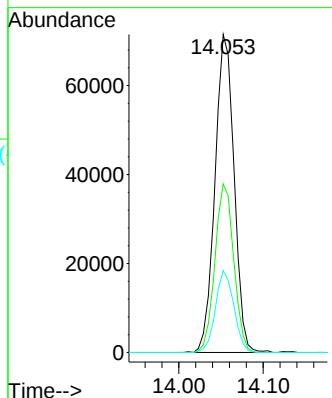
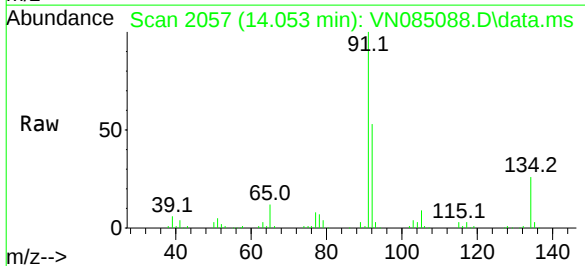
#89
n-Butylbenzene
Concen: 19.670 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:	91	Resp:	112534
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.8	80.3
134	24.8	12.8	38.4

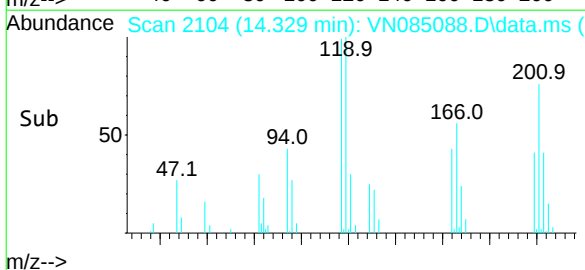
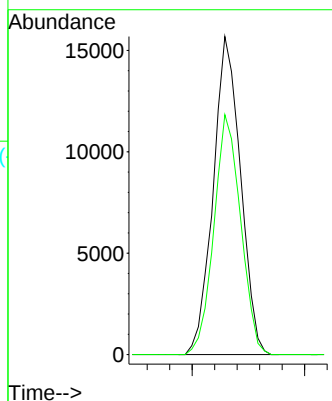
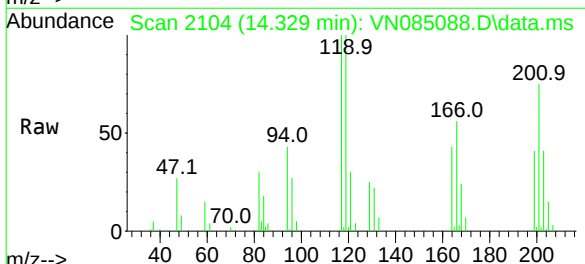
Manual Integrations
APPROVED

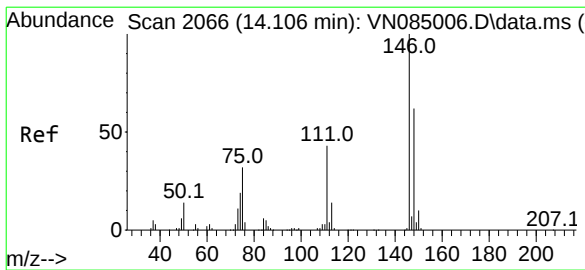
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#90
Hexachloroethane
Concen: 19.770 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion:	117	Resp:	26511
Ion	Ratio	Lower	Upper
117	100		
201	73.5	35.2	105.6





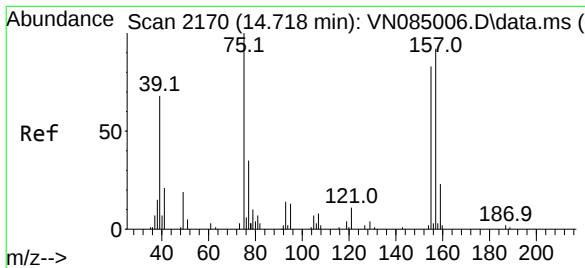
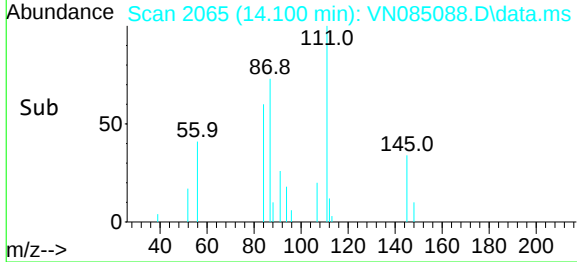
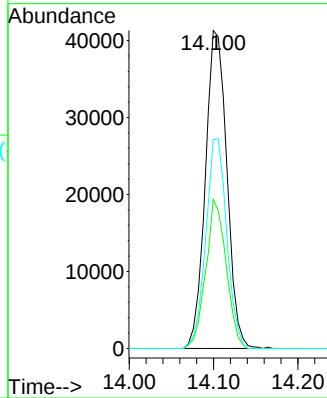
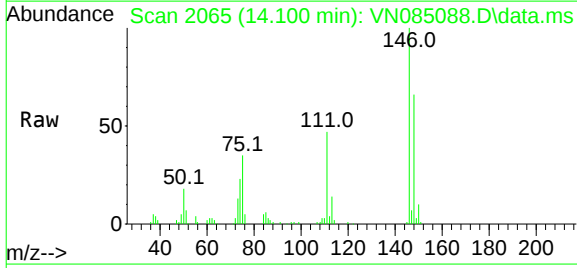
#91
1,2-Dichlorobenzene
Concen: 18.851 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.8
148	64.2	31.1	93.2

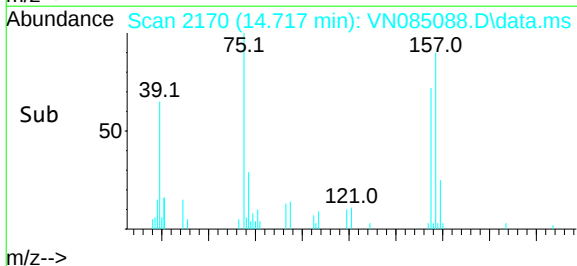
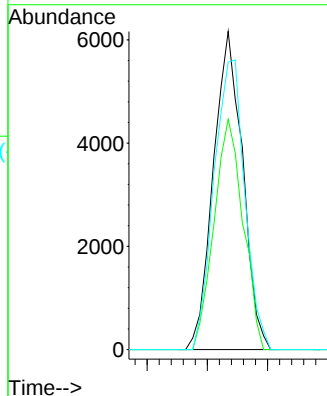
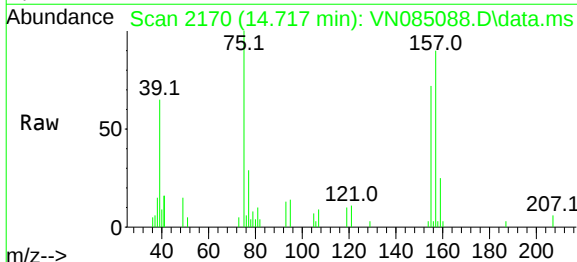
Manual Integrations
APPROVED

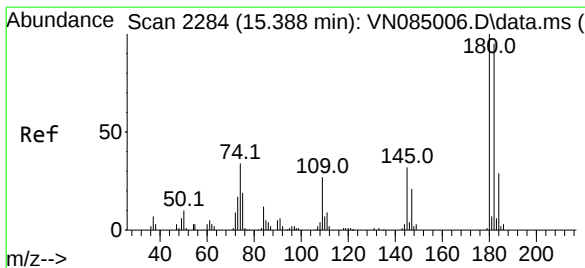
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.573 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085088.D
Acq: 04 Dec 2024 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	38.9	116.7
157	96.0	48.3	144.9





#93

1,2,4-Trichlorobenzene

Concen: 17.469 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

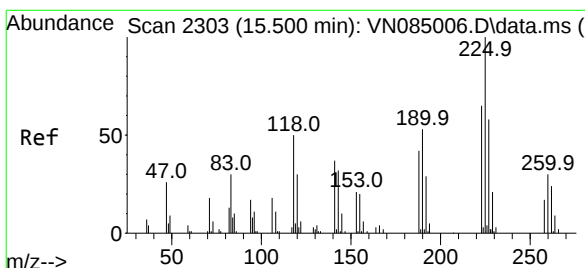
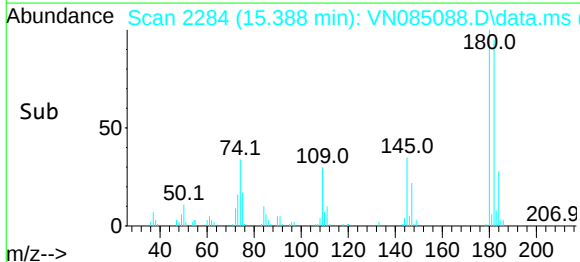
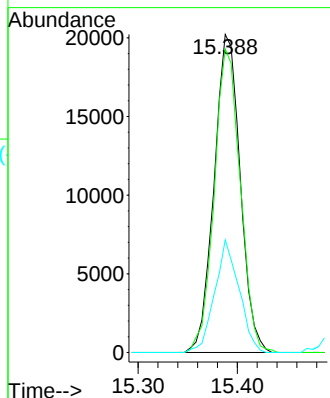
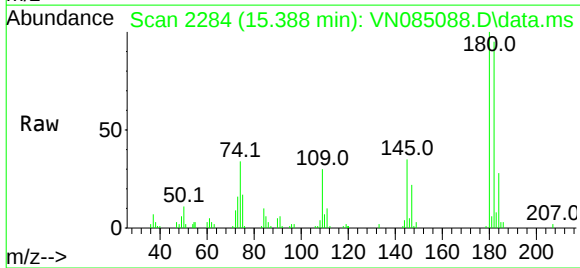
ClientSampleId :

VN1204WBSD01

Tgt Ion:	180	Resp:	36884
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.9	140.8
145	33.1	16.3	48.8

Manual Integrations
APPROVED

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



#94

Hexachlorobutadiene

Concen: 19.022 ug/l

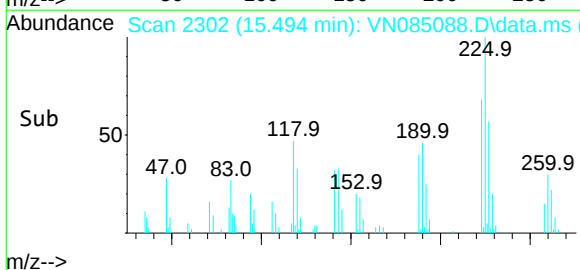
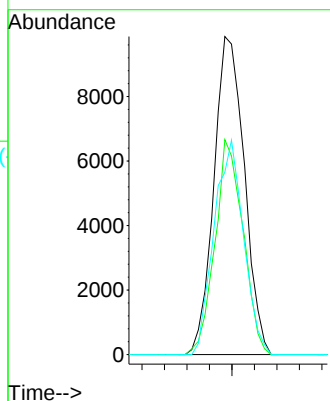
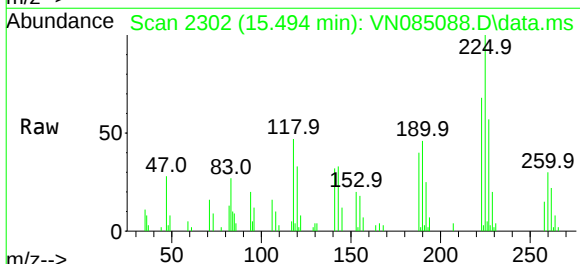
RT: 15.494 min Scan# 2302

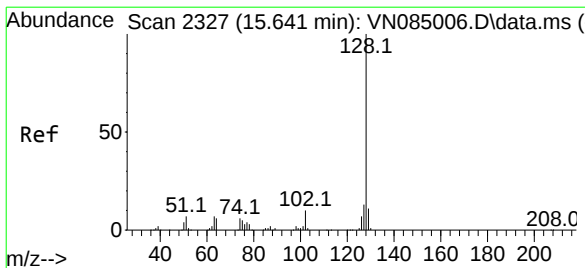
Delta R.T. -0.006 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Tgt Ion:	225	Resp:	18535
Ion Ratio	Lower	Upper	
225	100		
223	62.3	30.9	92.8
227	65.2	31.5	94.5





#95

Naphthalene

Concen: 18.465 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

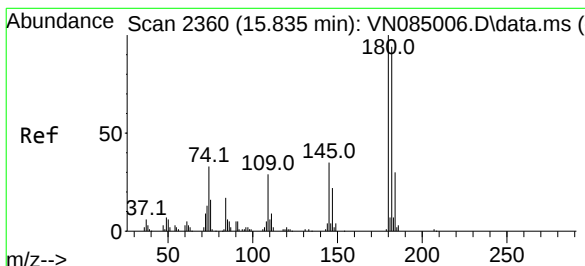
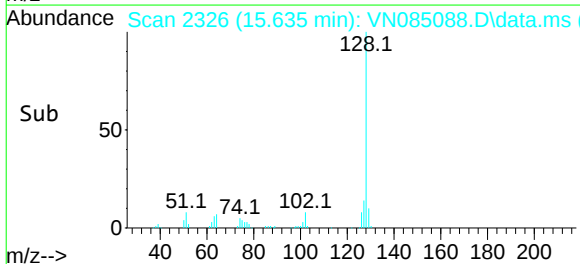
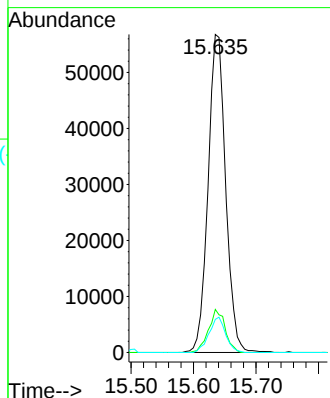
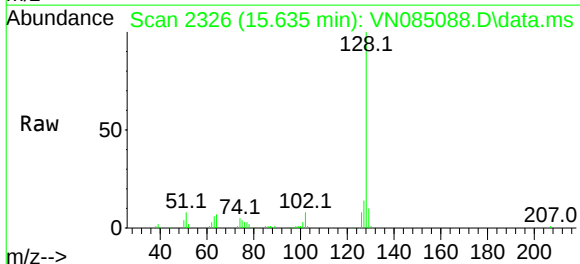
Tgt Ion:	128	Resp:	111041
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.5	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.796 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085088.D

Acq: 04 Dec 2024 12:49

Tgt Ion:	180	Resp:	35852
Ion	Ratio	Lower	Upper
180	100		
182	98.1	46.4	139.2
145	36.8	17.3	52.0

