

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085798.D
 Acq On : 20 Feb 2025 14:21
 Operator : JC\MD
 Sample : VN0220WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2025
 Supervised By : Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 00:58:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	303757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	496806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	429331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	201777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	185437	47.088	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.180%		
35) Dibromofluoromethane	8.159	113	158441	48.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.559	98	598267	50.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.841	95	198735	50.998	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79178	19.163	ug/l	99
3) Chloromethane	2.359	50	73055	17.621	ug/l	98
4) Vinyl Chloride	2.518	62	79961	18.215	ug/l	98
5) Bromomethane	2.965	94	51637	18.396	ug/l	94
6) Chloroethane	3.130	64	50091	17.227	ug/l	94
7) Trichlorofluoromethane	3.500	101	115866	18.230	ug/l	98
8) Diethyl Ether	3.959	74	37885	18.423	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	69809	19.002	ug/l	99
10) Methyl Iodide	4.589	142	85965	18.983	ug/l	99
11) Tert butyl alcohol	5.494	59	41001	84.650	ug/l	99
12) 1,1-Dichloroethene	4.342	96	63759	19.140	ug/l	95
13) Acrolein	4.171	56	75651	105.323	ug/l	97
14) Allyl chloride	5.024	41	80171	18.331	ug/l	99
15) Acrylonitrile	5.712	53	138837	88.172	ug/l	100
16) Acetone	4.418	43	115062	92.339	ug/l	97
17) Carbon Disulfide	4.718	76	171215	17.343	ug/l	100
18) Methyl Acetate	5.018	43	74503	17.383	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	192877	19.485	ug/l	98
20) Methylene Chloride	5.277	84	72794	18.165	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	65227	18.185	ug/l	96
22) Diisopropyl ether	6.665	45	195565	19.789	ug/l	98
23) Vinyl Acetate	6.594	43	631844	93.379	ug/l	99
24) 1,1-Dichloroethane	6.565	63	124931	18.597	ug/l	100
25) 2-Butanone	7.471	43	160754	87.689	ug/l	98
26) 2,2-Dichloropropane	7.483	77	110865	18.559	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	79710	19.166	ug/l	98
28) Bromochloromethane	7.806	49	51933	18.809	ug/l	100
29) Tetrahydrofuran	7.830	42	109173	92.223	ug/l	97
30) Chloroform	7.959	83	129299	18.417	ug/l	95
31) Cyclohexane	8.253	56	100375	17.845	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	115748	18.537	ug/l	98
36) 1,1-Dichloropropene	8.359	75	86226	18.741	ug/l	98
37) Ethyl Acetate	7.553	43	67853	17.921	ug/l	99
38) Carbon Tetrachloride	8.353	117	102725	18.791	ug/l	96
39) Methylcyclohexane	9.594	83	87071	19.264	ug/l	96
40) Benzene	8.600	78	282417	19.152	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35731	17.653	ug/l	93
42) 1,2-Dichloroethane	8.665	62	90642	18.871	ug/l	99
43) Isopropyl Acetate	8.682	43	117232	17.285	ug/l	100
44) Trichloroethene	9.347	130	66967	18.496	ug/l	94
45) 1,2-Dichloropropane	9.612	63	68883	19.352	ug/l	98
46) Dibromomethane	9.700	93	46463	18.506	ug/l	99
47) Bromodichloromethane	9.882	83	101081	18.818	ug/l	99
48) Methyl methacrylate	9.671	41	51602	18.351	ug/l	97
49) 1,4-Dioxane	9.682	88	18596	347.775	ug/l	98
51) 4-Methyl-2-Pentanone	10.435	43	332391	91.055	ug/l	99
52) Toluene	10.624	92	174371	20.173	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	96622	19.453	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	107961	19.822	ug/l	99
55) 1,1,2-Trichloroethane	11.006	97	66542	19.362	ug/l	97
56) Ethyl methacrylate	10.871	69	83631	18.524	ug/l	98
57) 1,3-Dichloropropane	11.159	76	109092	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	172667	105.148	ug/l	99
59) 2-Hexanone	11.188	43	233767	93.086	ug/l	100
60) Dibromochloromethane	11.353	129	76969	19.233	ug/l	98
61) 1,2-Dibromoethane	11.459	107	62351	19.201	ug/l	99
64) Tetrachloroethene	11.100	164	68159	20.493	ug/l	92
65) Chlorobenzene	11.882	112	186327	18.945	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	68102	19.264	ug/l	97
67) Ethyl Benzene	11.959	91	303541	19.702	ug/l	99
68) m/p-Xylenes	12.065	106	242489	41.436	ug/l	98
69) o-Xylene	12.394	106	111973	20.135	ug/l	99
70) Styrene	12.406	104	185570	19.398	ug/l	98
71) Bromoform	12.570	173	49148	18.710	ug/l #	97
73) Isopropylbenzene	12.688	105	277233	20.055	ug/l	99
74) N-amyl acetate	12.488	43	88596	18.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.929	83	83549	17.564	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	72997m	16.286	ug/l	
77) Bromobenzene	12.976	156	72738	19.476	ug/l	99
78) n-propylbenzene	13.029	91	329186	20.793	ug/l	99
79) 2-Chlorotoluene	13.118	91	209623	19.818	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	235481	20.912	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	27471	17.883	ug/l	93
82) 4-Chlorotoluene	13.217	91	215390	20.540	ug/l	99
83) tert-Butylbenzene	13.435	119	195372	20.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	241309	21.660	ug/l	100
85) sec-Butylbenzene	13.612	105	276376	20.657	ug/l	99
86) p-Isopropyltoluene	13.723	119	227997	19.911	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	131659	18.816	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	133138	18.565	ug/l	99
89) n-Butylbenzene	14.053	91	184993	19.475	ug/l	97
90) Hexachloroethane	14.329	117	45396	17.916	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	127744	18.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	14492	16.591	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	60749	18.947	ug/l	98
94) Hexachlorobutadiene	15.494	225	32753	16.809	ug/l	98
95) Naphthalene	15.635	128	152781	17.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	57398	17.832	ug/l	97

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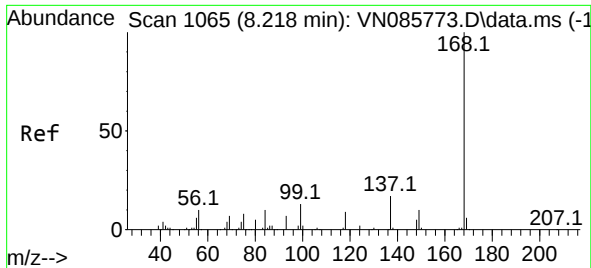
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

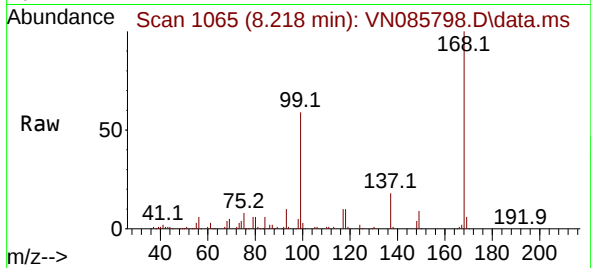
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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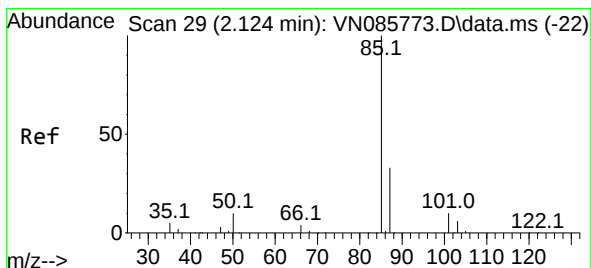
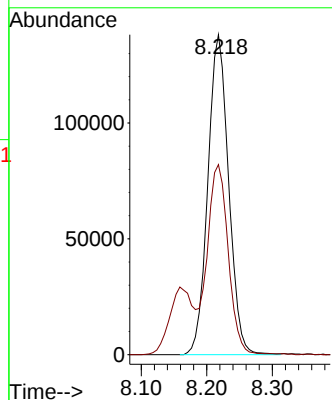
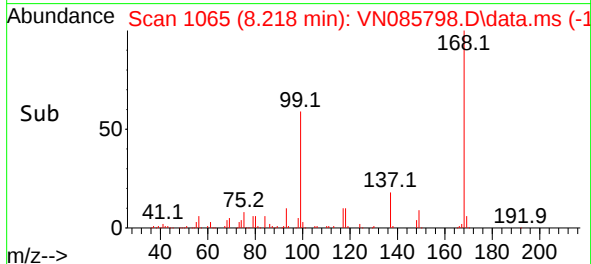
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 30375
Ion Ratio Lower Upper
168 100
99 59.2 47.9 71.9

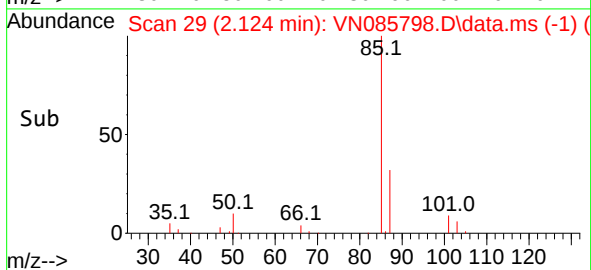
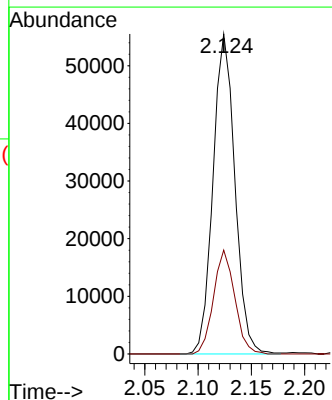
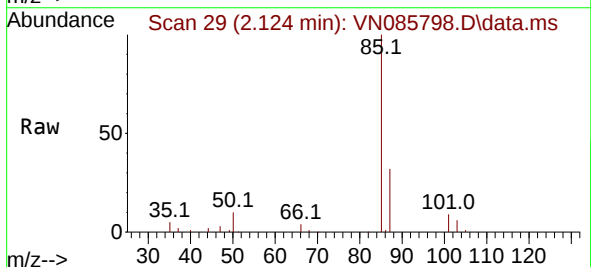
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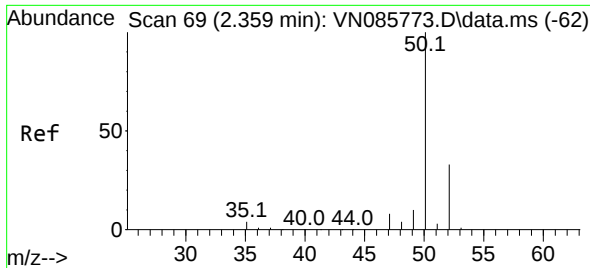
Reviewed By :John Carlone 02/21/2025
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#2
Dichlorodifluoromethane
Concen: 19.163 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

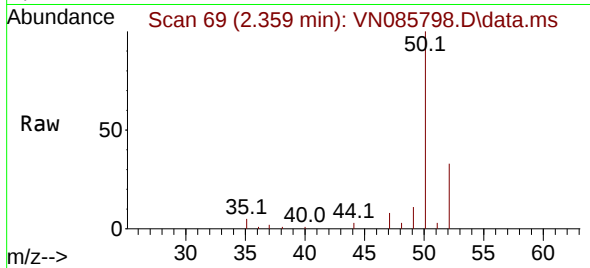
Tgt Ion: 85 Resp: 79178
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.2





#3
Chloromethane
Concen: 17.621 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

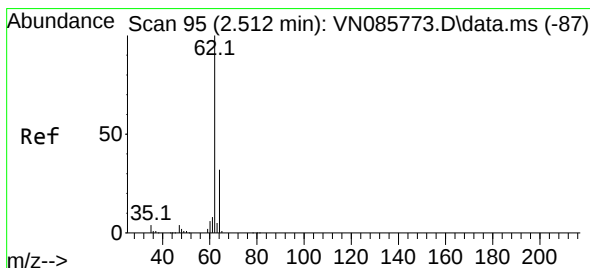
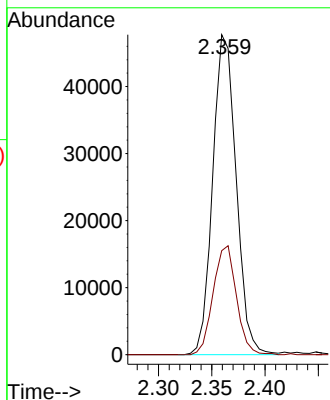
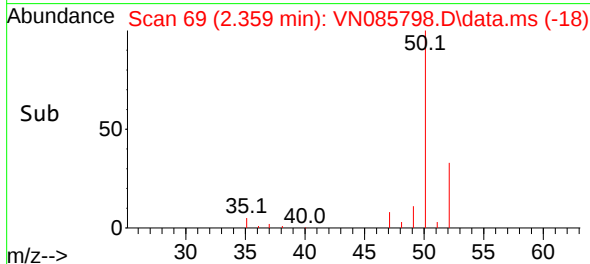
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Tgt Ion: 50 Resp: 7305
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1

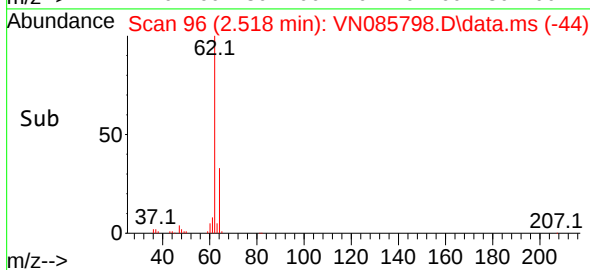
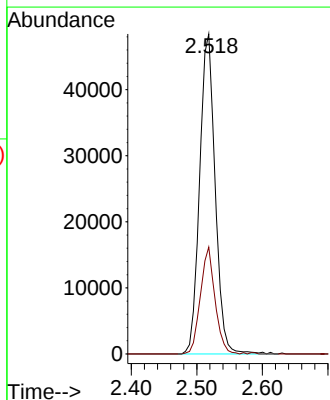
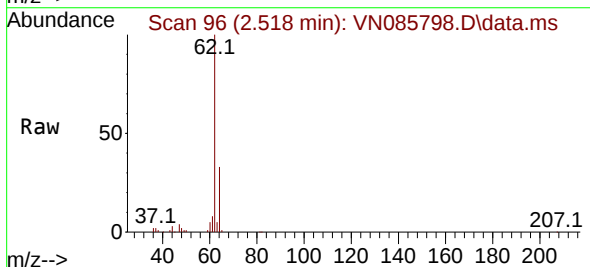
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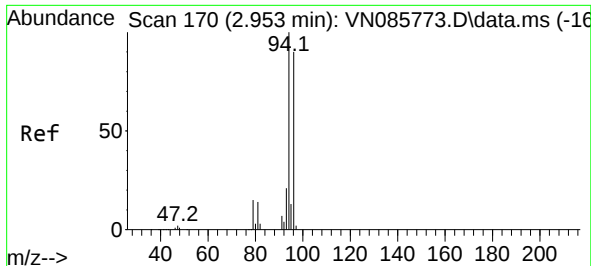
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#4
Vinyl Chloride
Concen: 18.215 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085798.D
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Tgt Ion: 62 Resp: 79961
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9





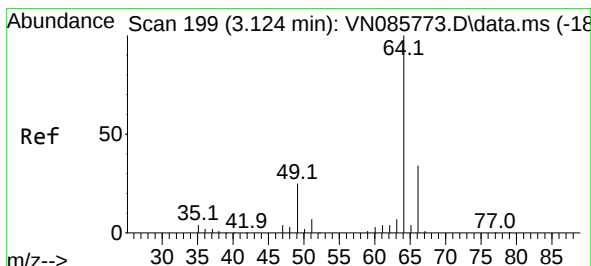
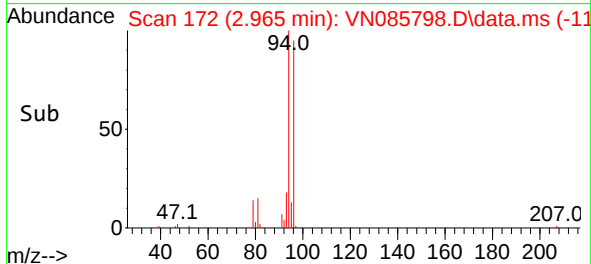
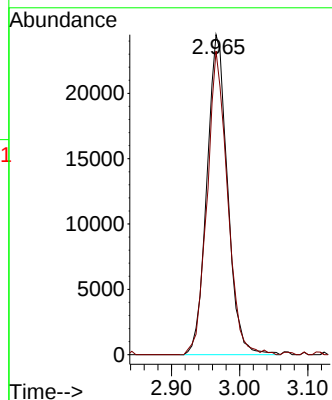
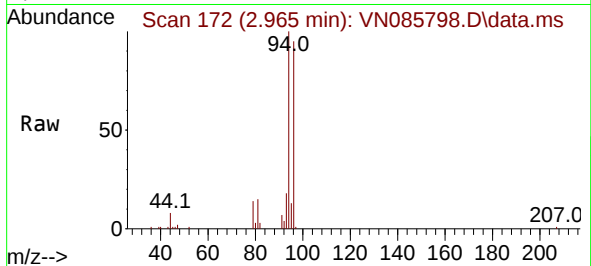
#5
Bromomethane
Concen: 18.396 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
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Tgt Ion: 94 Resp: 5163
Ion Ratio Lower Upper
94 100
96 94.8 71.7 107.5

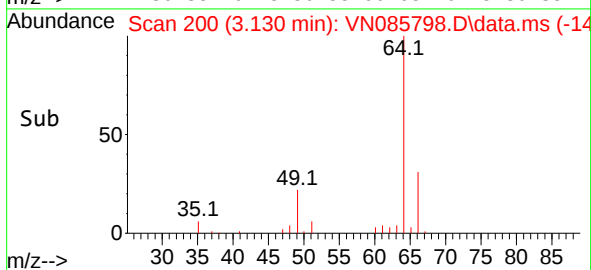
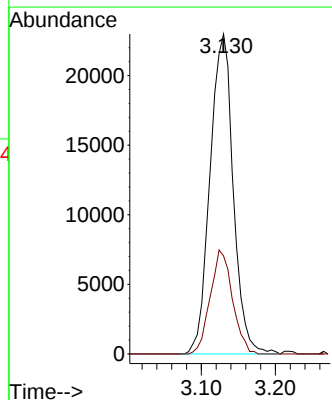
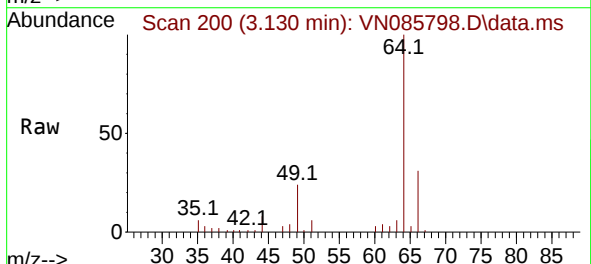
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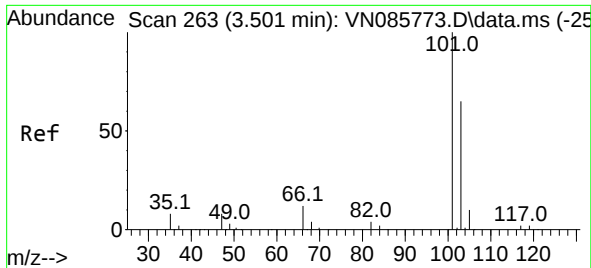
Reviewed By :John Carlone 02/21/2025
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#6
Chloroethane
Concen: 17.227 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN085798.D
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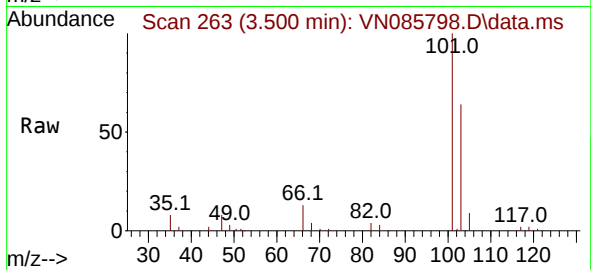
Tgt Ion: 64 Resp: 50091
Ion Ratio Lower Upper
64 100
66 30.6 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 18.230 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085798.D
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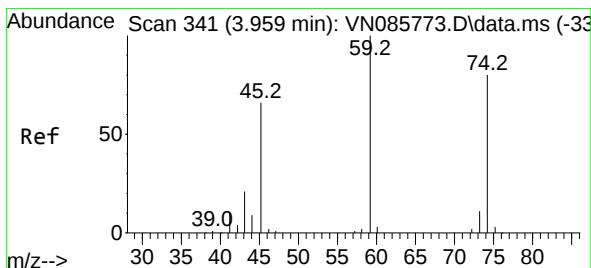
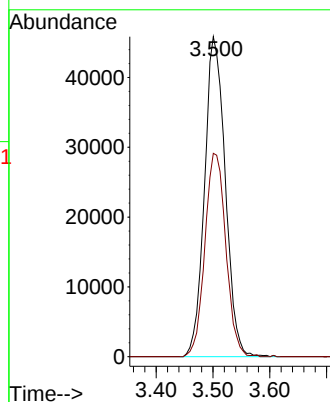
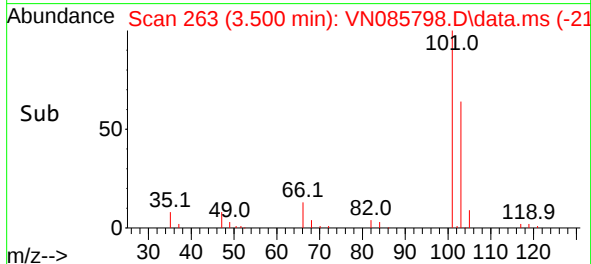
Instrument :
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Tgt Ion:101 Resp: 11586
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.4

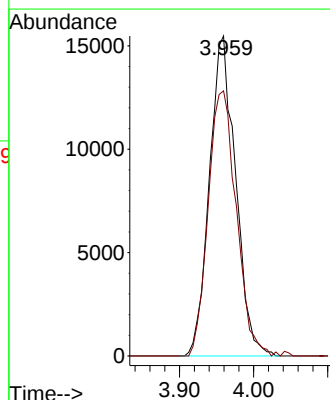
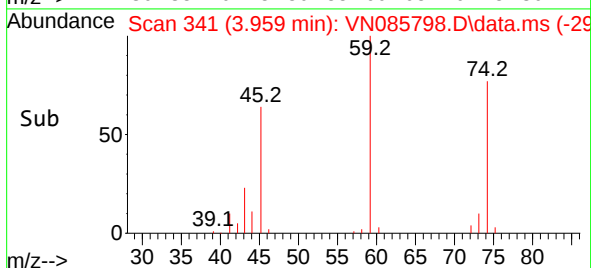
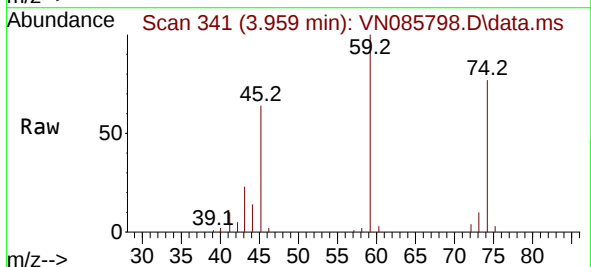
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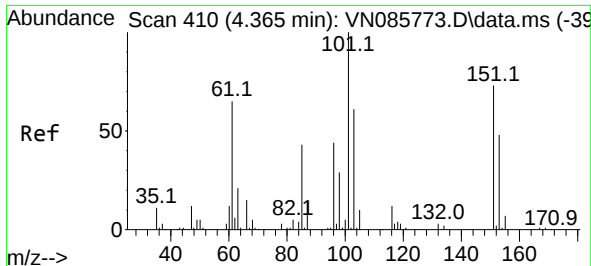
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#8
 Diethyl Ether
 Concen: 18.423 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 37885
 Ion Ratio Lower Upper
 74 100
 45 89.2 42.5 127.6





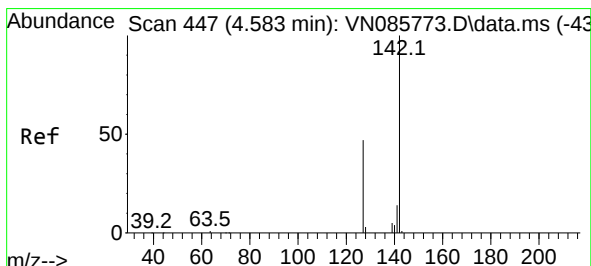
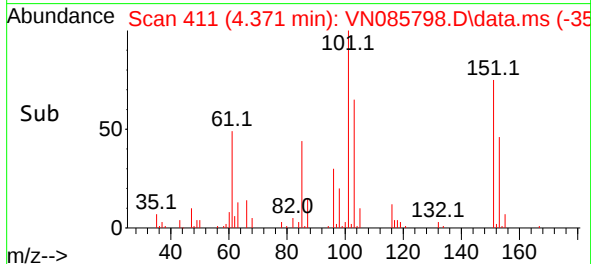
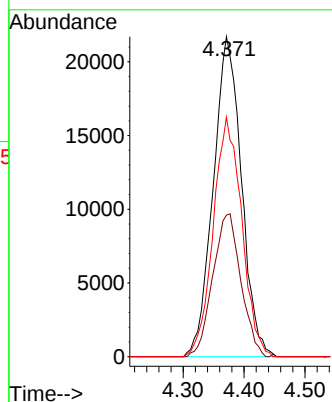
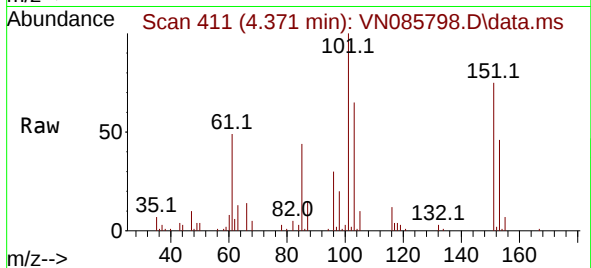
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.002 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion:101 Resp: 69809
Ion Ratio Lower Upper
101 100
85 44.4 35.7 53.5
151 75.6 61.4 92.2

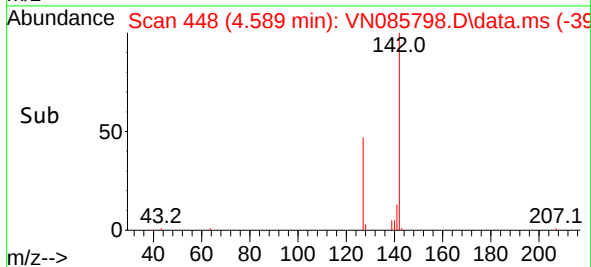
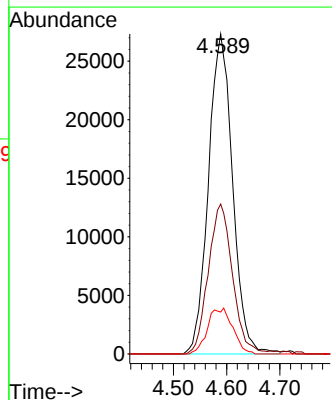
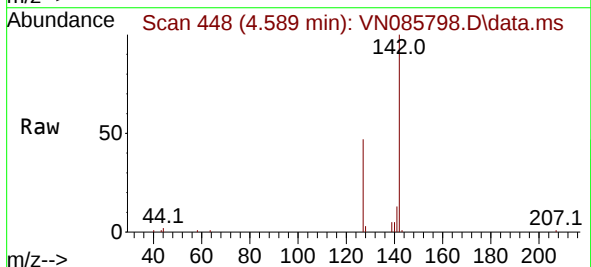
Manual Integrations
APPROVED

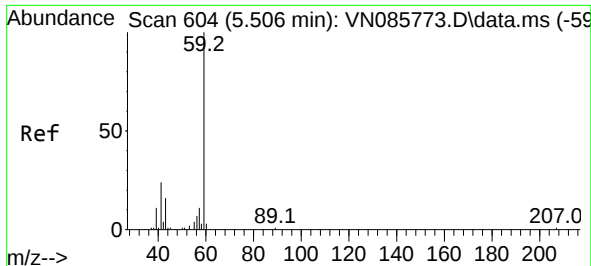
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#10
Methyl Iodide
Concen: 18.983 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

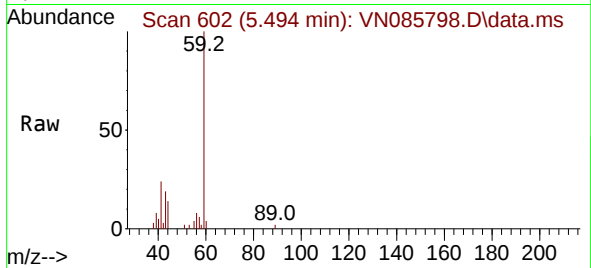
Tgt Ion:142 Resp: 85965
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 13.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 84.650 ug/l
RT: 5.494 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

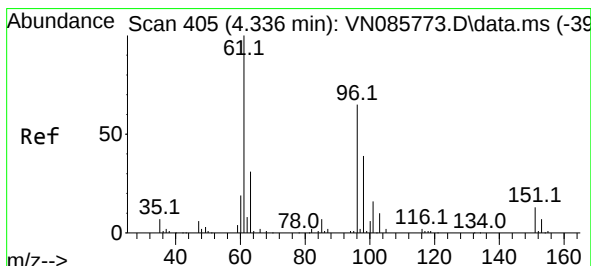
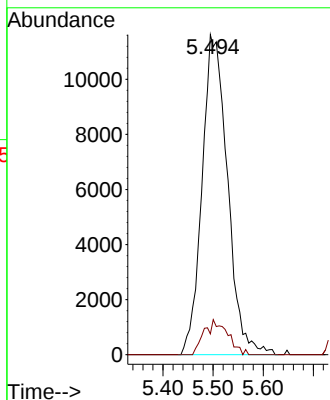
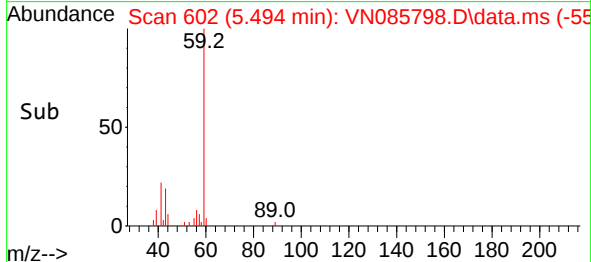
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



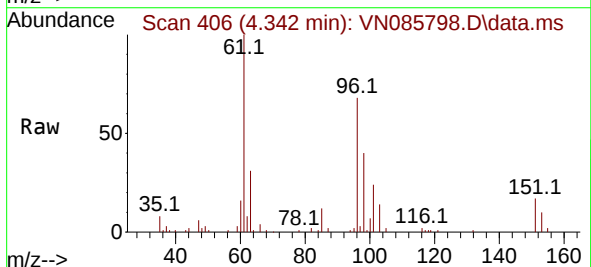
Tgt Ion: 59 Resp: 4100
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

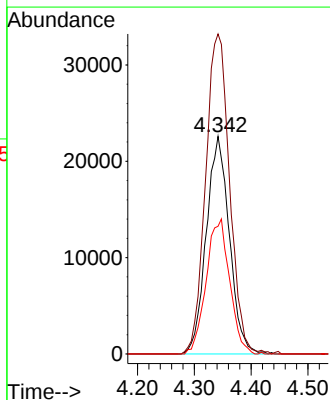
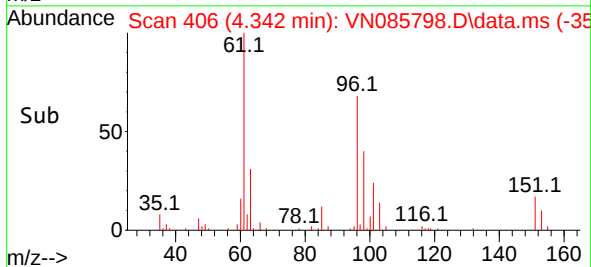
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

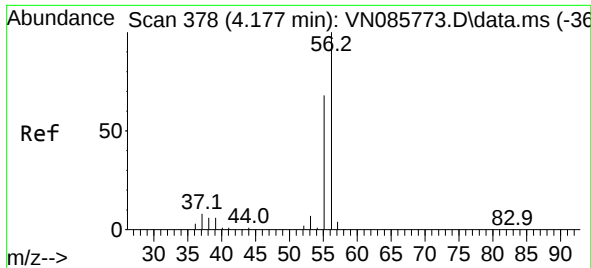


#12
1,1-Dichloroethene
Concen: 19.140 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



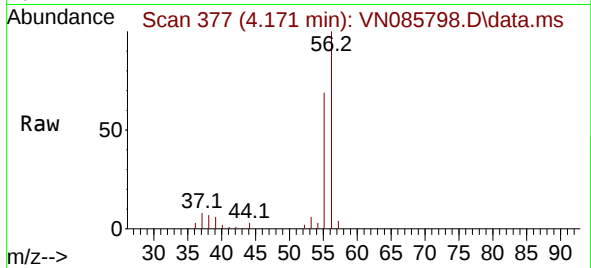
Tgt Ion: 96 Resp: 63759
Ion Ratio Lower Upper
96 100
61 147.1 123.3 184.9
98 58.7 48.6 72.8





#13
Acrolein
Concen: 105.323 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

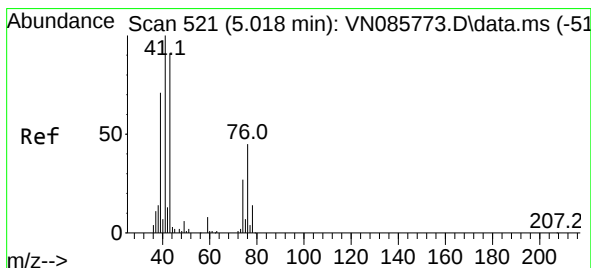
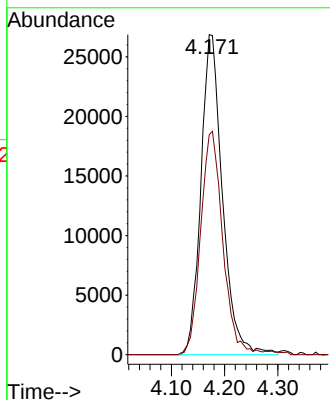
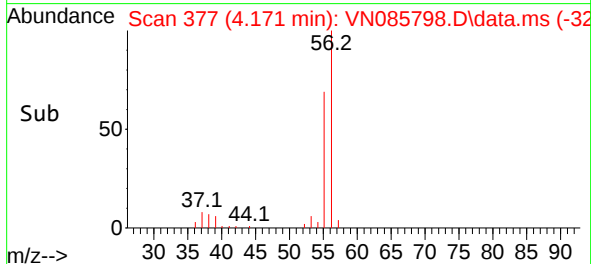
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 56 Resp: 7565
Ion Ratio Lower Upper
56 100
55 71.3 55.3 82.9

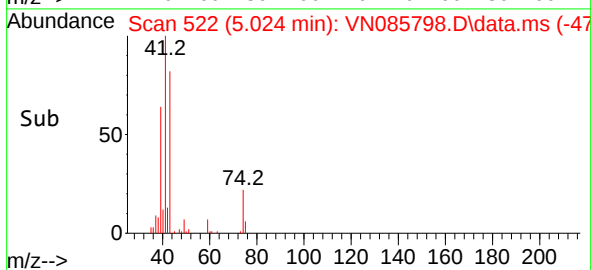
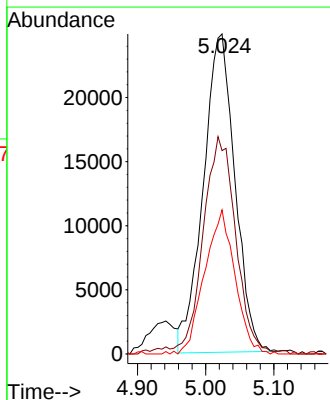
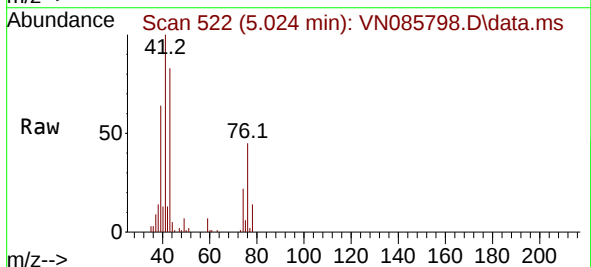
Manual Integrations
APPROVED

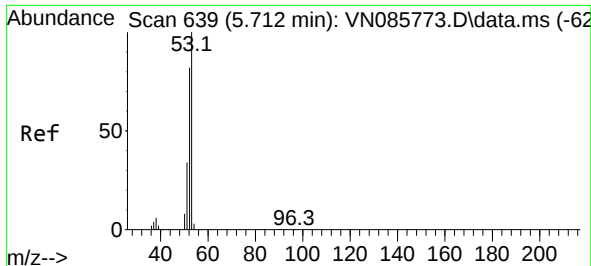
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#14
Allyl chloride
Concen: 18.331 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

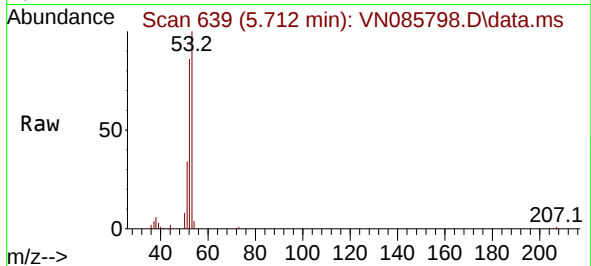
Tgt Ion: 41 Resp: 80171
Ion Ratio Lower Upper
41 100
39 71.3 57.4 86.2
76 43.4 36.2 54.2





#15
Acrylonitrile
Concen: 88.172 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

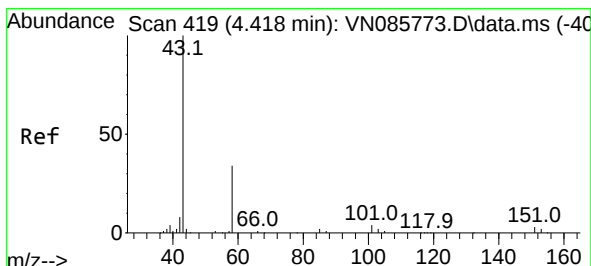
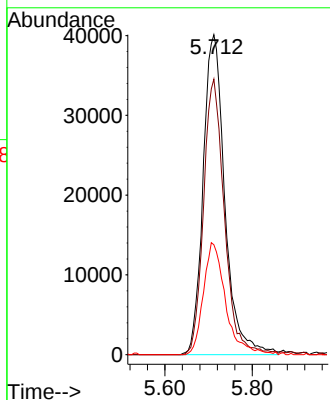
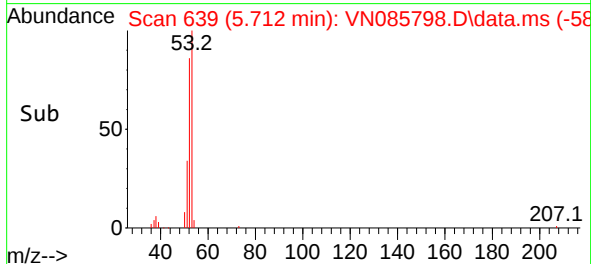
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 53 Resp: 13883
Ion Ratio Lower Upper
53 100
52 82.5 65.8 98.6
51 35.8 28.6 42.8

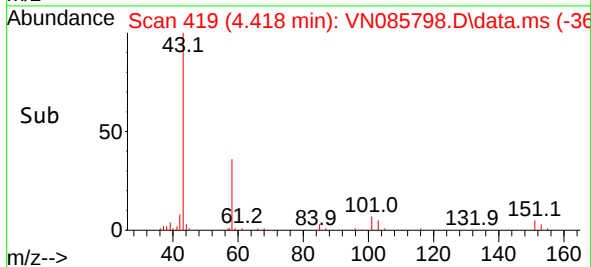
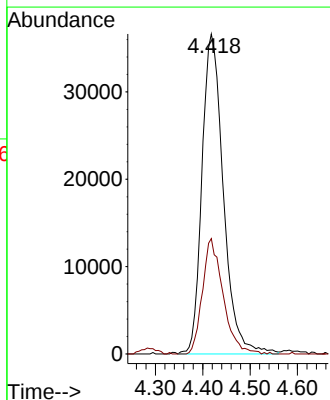
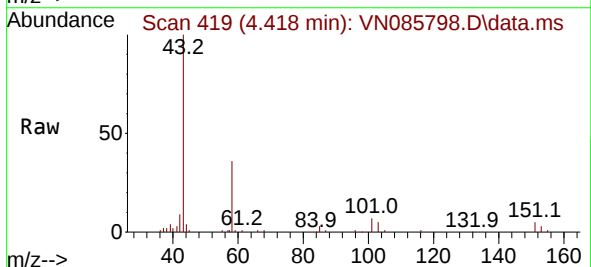
Manual Integrations
APPROVED

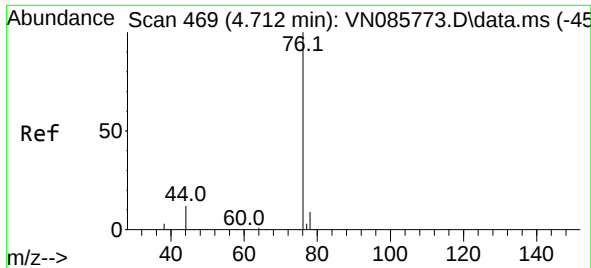
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#16
Acetone
Concen: 92.339 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Tgt Ion: 43 Resp: 115062
Ion Ratio Lower Upper
43 100
58 36.1 27.5 41.3





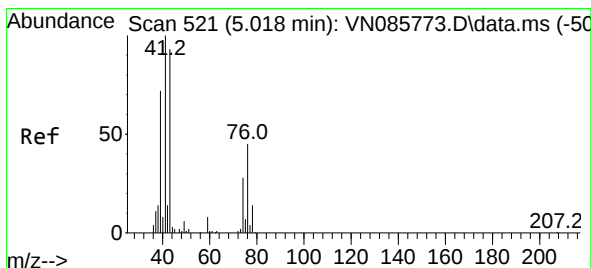
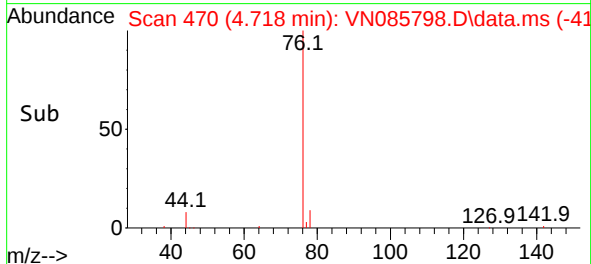
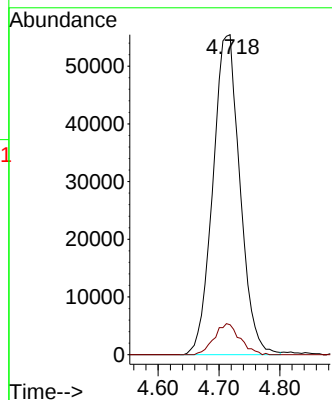
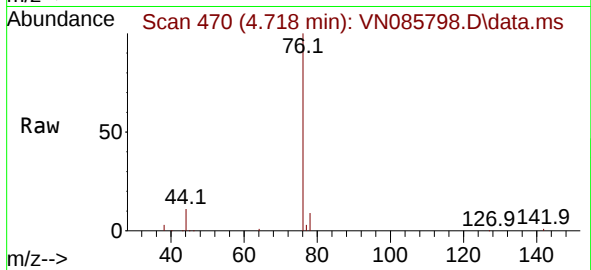
#17
Carbon Disulfide
Concen: 17.343 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 76 Resp: 171215
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

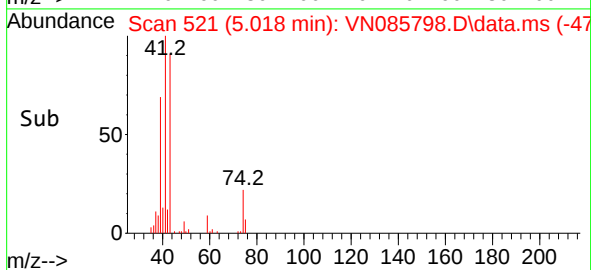
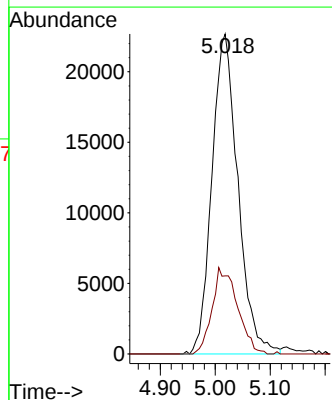
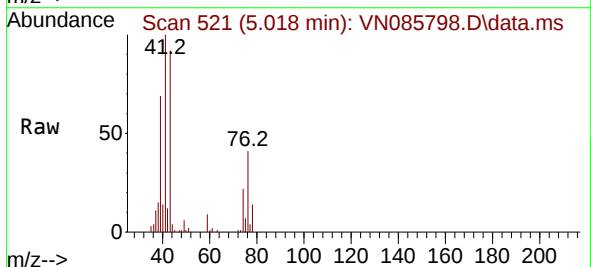
Manual Integrations
APPROVED

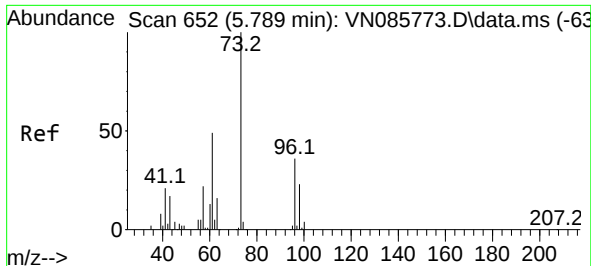
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#18
Methyl Acetate
Concen: 17.383 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Tgt Ion: 43 Resp: 74503
Ion Ratio Lower Upper
43 100
74 26.3 22.2 33.4





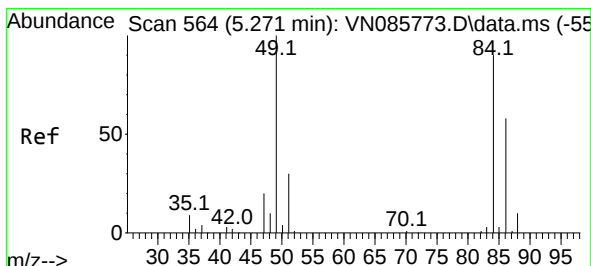
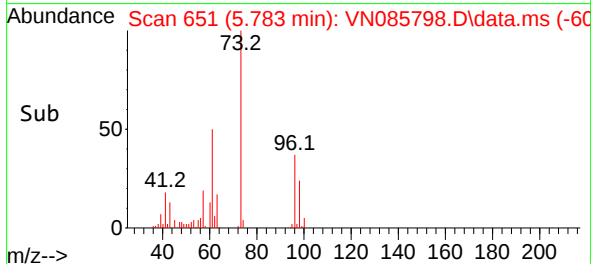
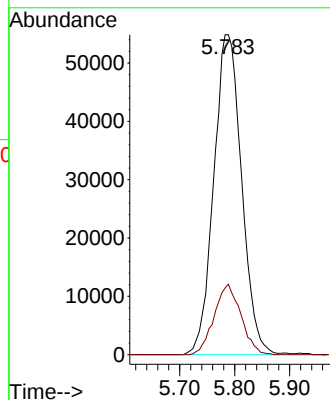
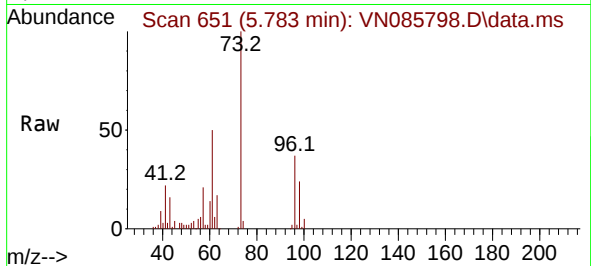
#19
Methyl tert-butyl Ether
Concen: 19.485 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 73 Resp: 19287
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

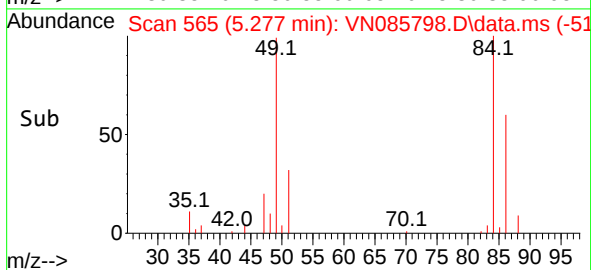
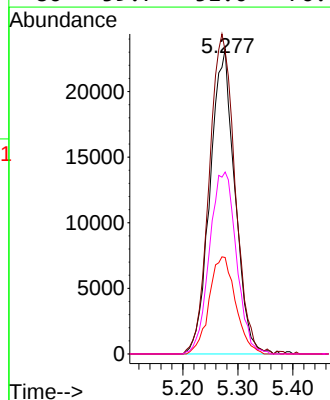
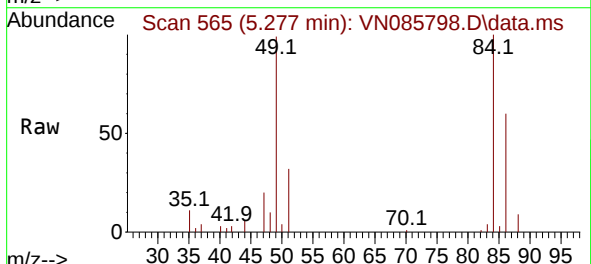
Manual Integrations
APPROVED

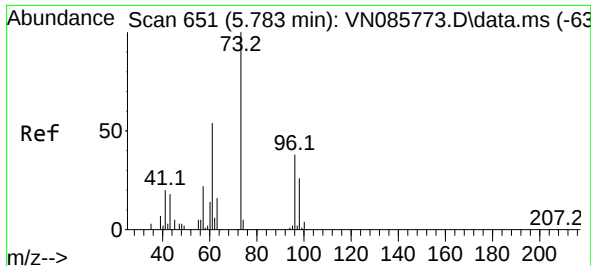
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#20
Methylene Chloride
Concen: 18.165 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

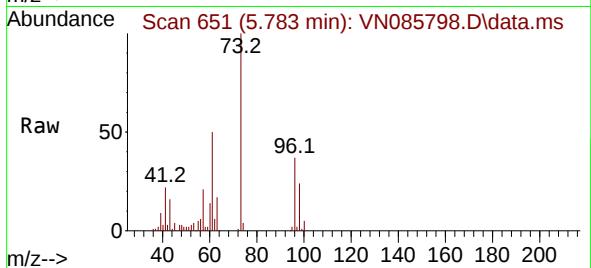
Tgt Ion: 84 Resp: 72794
Ion Ratio Lower Upper
84 100
49 99.4 88.4 132.6
51 31.7 26.6 40.0
86 59.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.185 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

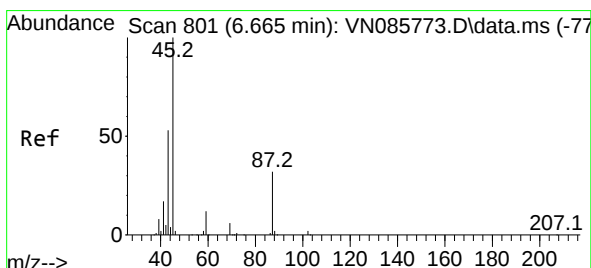
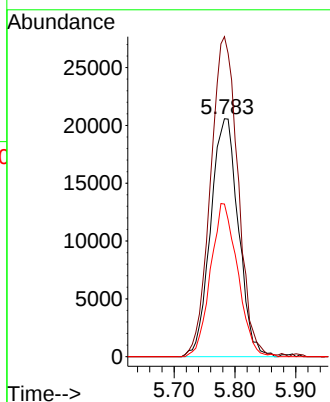
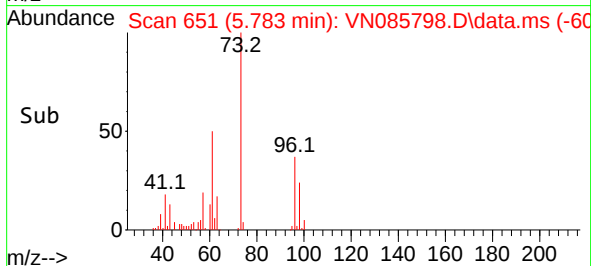
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



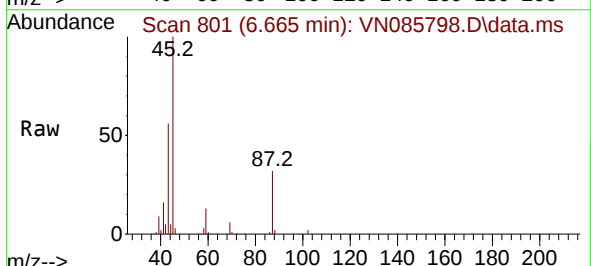
Tgt Ion: 96 Resp: 6522
Ion Ratio Lower Upper
96 100
61 134.5 112.6 168.8
98 64.2 53.3 79.9

Manual Integrations
APPROVED

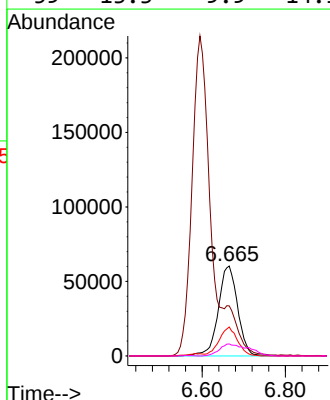
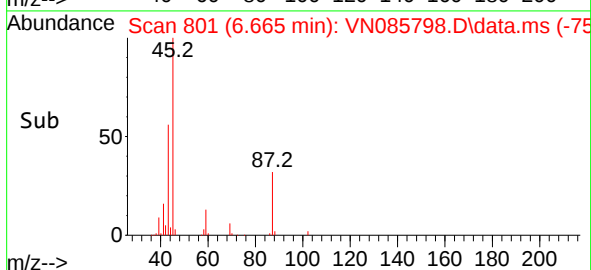
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

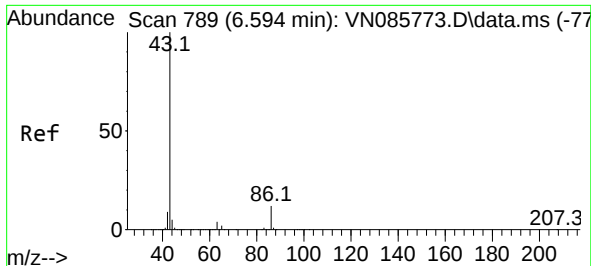


#22
Diisopropyl ether
Concen: 19.789 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



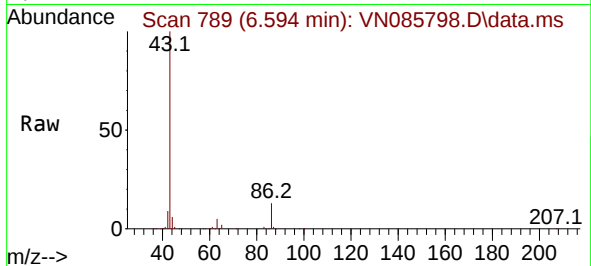
Tgt Ion: 45 Resp: 195565
Ion Ratio Lower Upper
45 100
43 55.0 42.6 64.0
87 32.2 25.8 38.8
59 13.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 93.379 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21

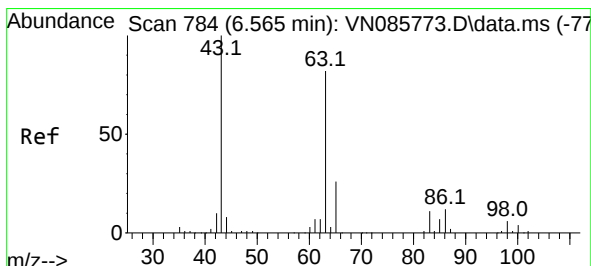
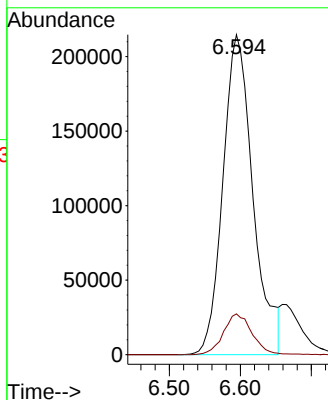
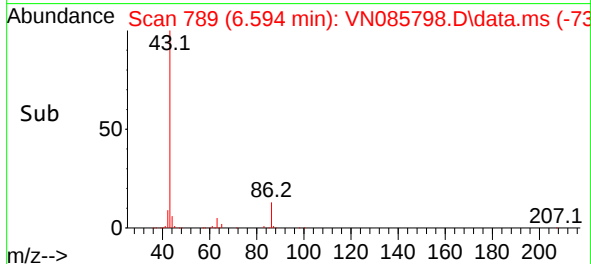
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01



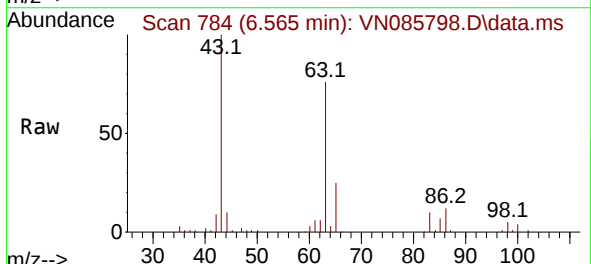
Tgt Ion: 43 Resp: 631844
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.8 14.8

Manual Integrations
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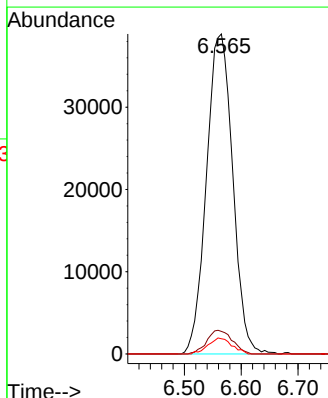
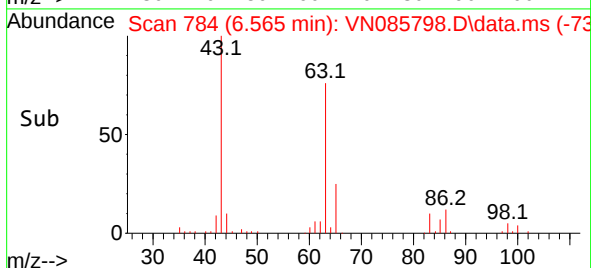
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

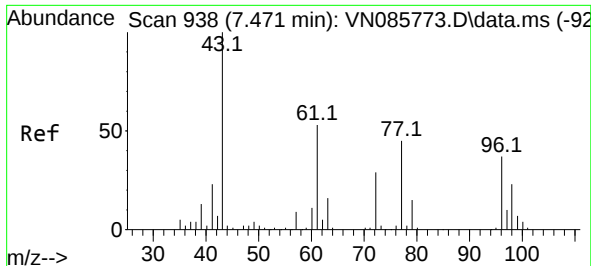


#24
 1,1-Dichloroethane
 Concen: 18.597 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21



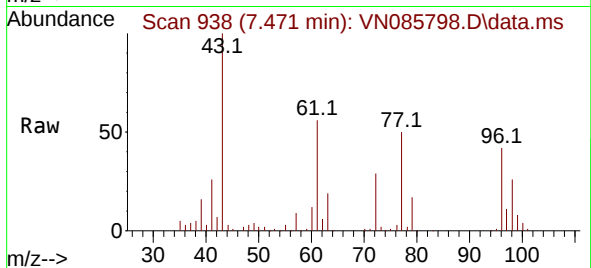
Tgt Ion: 63 Resp: 124931
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 87.689 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

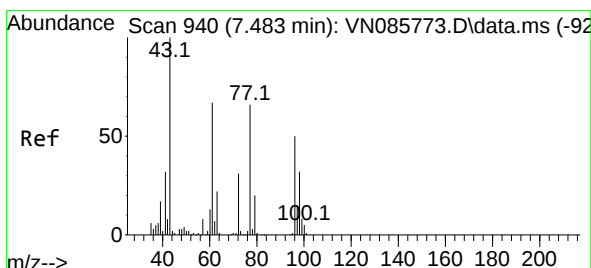
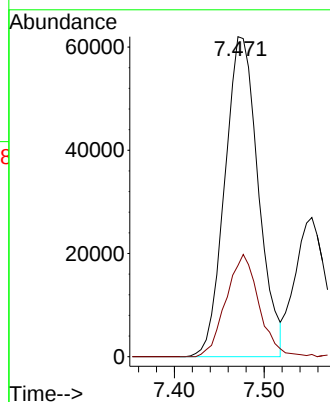
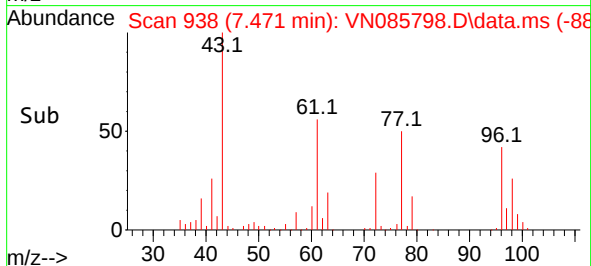
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



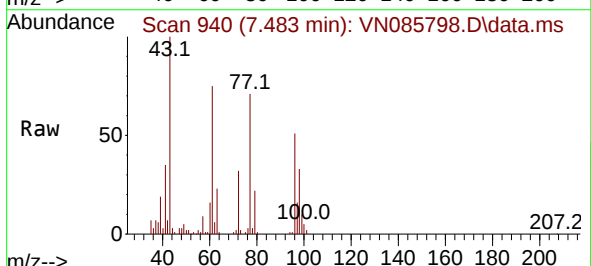
Tgt Ion: 43 Resp: 160754
Ion Ratio Lower Upper
43 100
72 28.5 23.6 35.4

Manual Integrations
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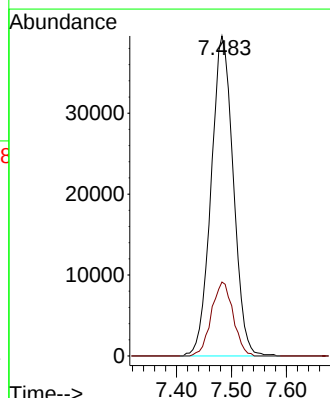
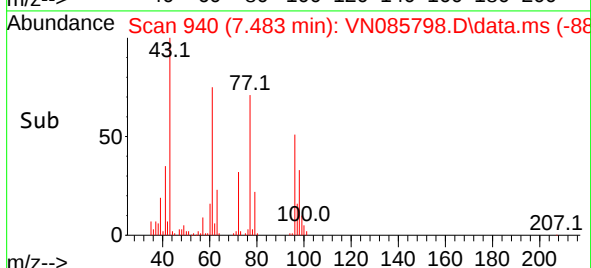
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

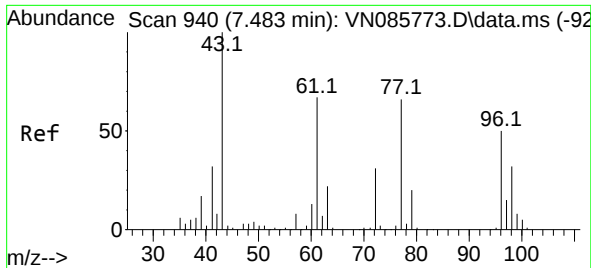


#26
2,2-Dichloropropane
Concen: 18.559 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



Tgt Ion: 77 Resp: 110865
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.166 ug/l
 RT: 7.477 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21

Instrument :

MSVOA_N

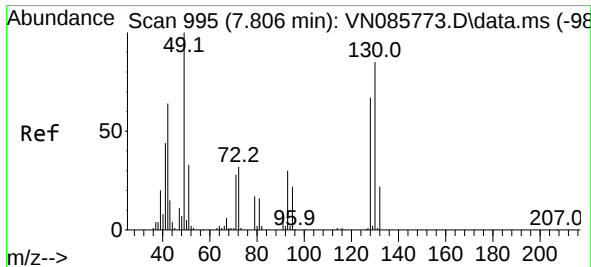
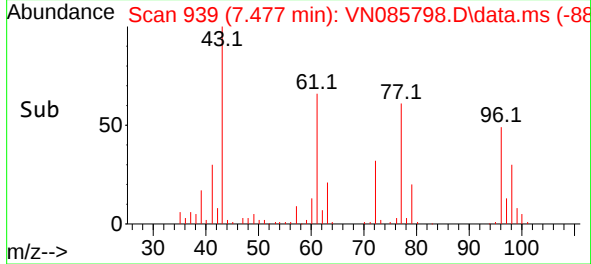
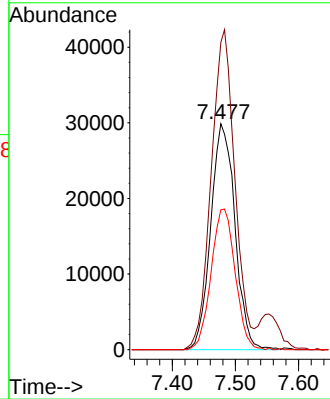
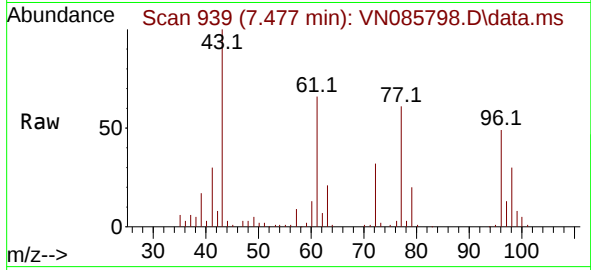
ClientSampleId :

VN0220WBSD01

Tgt Ion: 96 Resp: 79710
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 280.6
 98 61.8 0.0 128.6

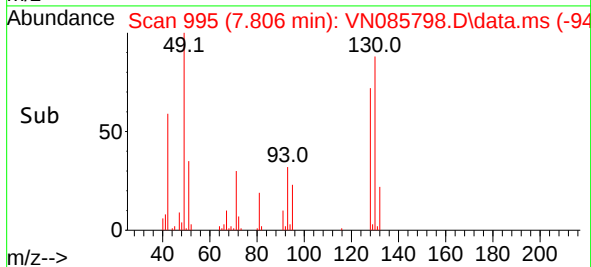
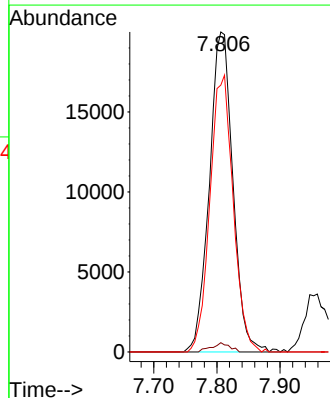
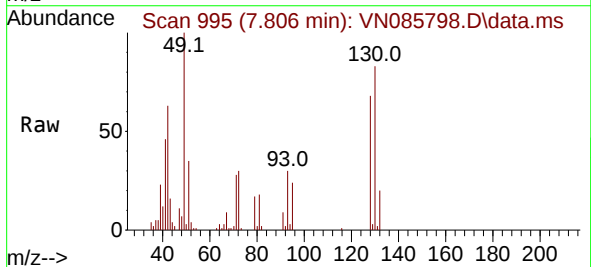
Manual Integrations
 APPROVED

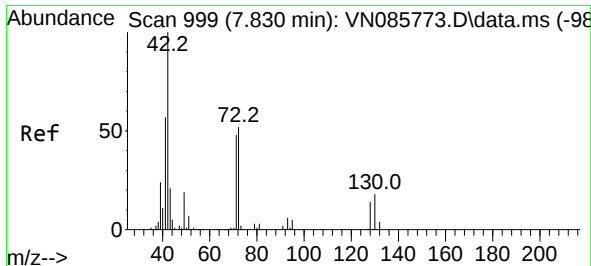
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025



#28
 Bromochloromethane
 Concen: 18.809 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21

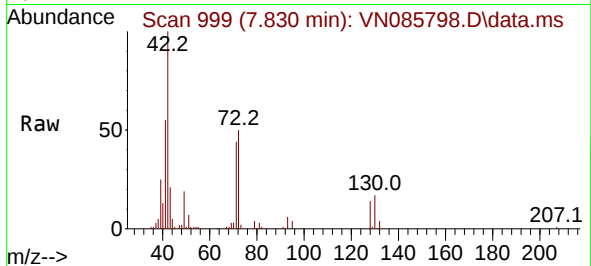
Tgt Ion: 49 Resp: 51933
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 85.3 68.0 102.0





#29
Tetrahydrofuran
Concen: 92.223 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

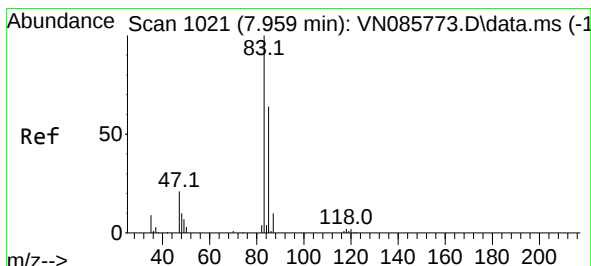
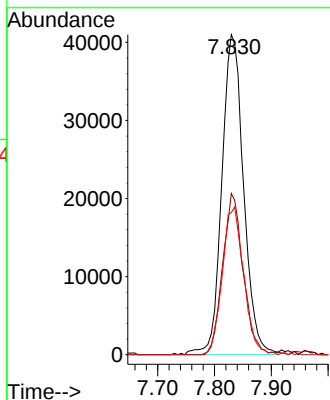
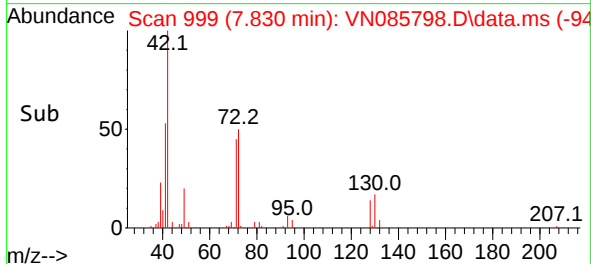
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



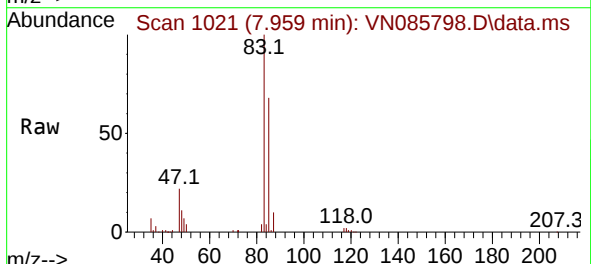
Tgt Ion: 42 Resp: 10917
Ion Ratio Lower Upper
42 100
72 47.3 40.0 60.0
71 45.4 37.0 55.4

Manual Integrations
APPROVED

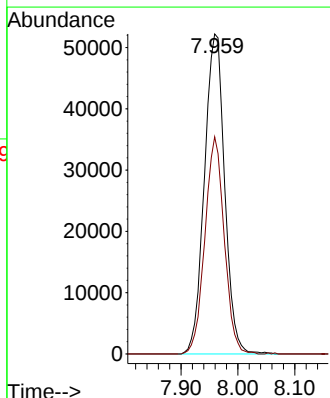
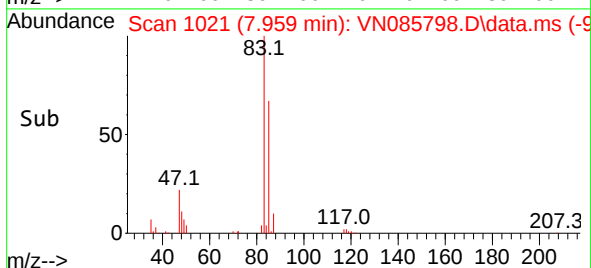
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

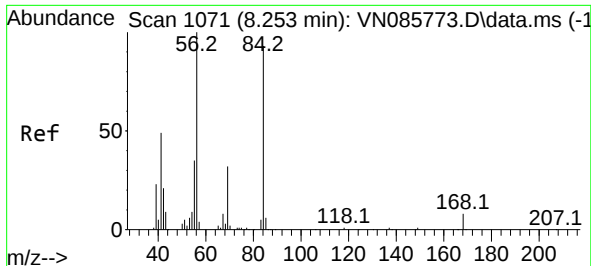


#30
Chloroform
Concen: 18.417 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



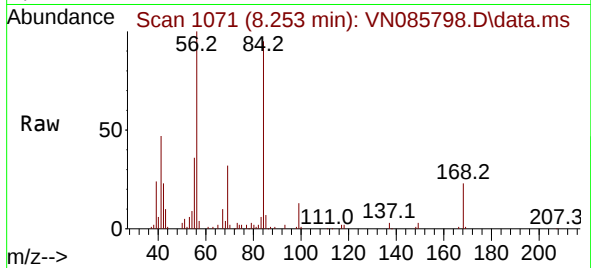
Tgt Ion: 83 Resp: 129299
Ion Ratio Lower Upper
83 100
85 67.9 50.9 76.3





#31
Cyclohexane
Concen: 17.845 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

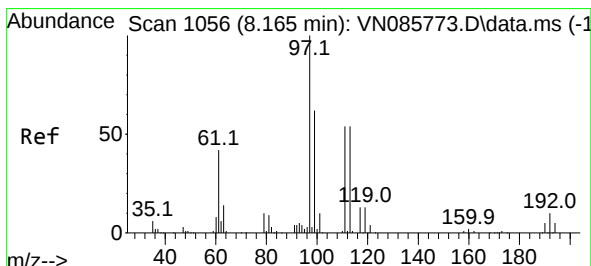
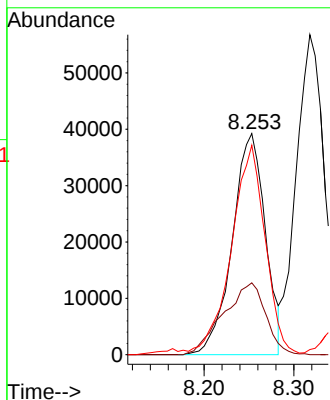
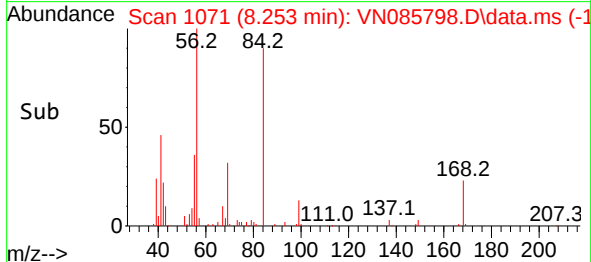
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



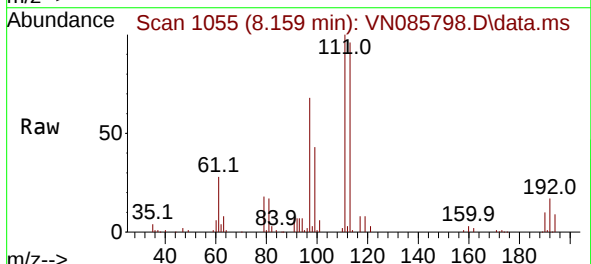
Tgt Ion: 56 Resp: 100379
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.6
84 93.2 74.5 111.7

Manual Integrations
APPROVED

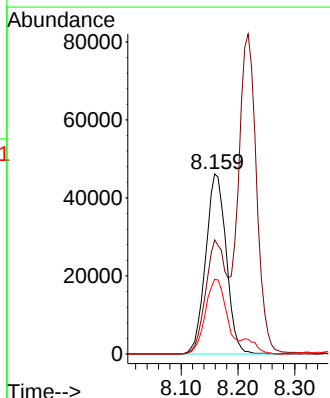
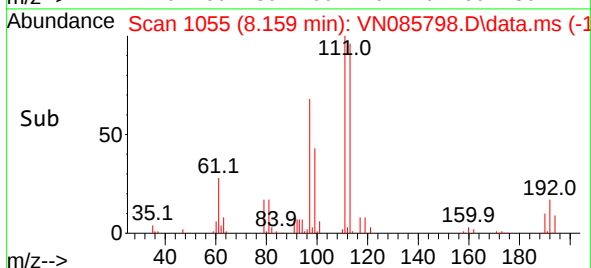
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

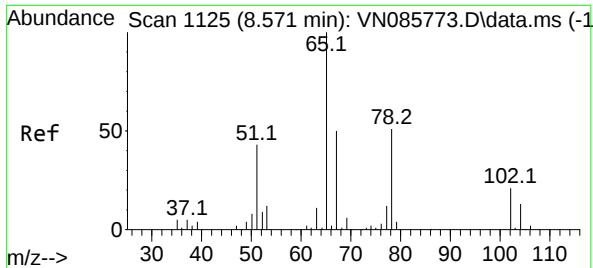


#32
1,1,1-Trichloroethane
Concen: 18.537 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



Tgt Ion: 97 Resp: 115748
Ion Ratio Lower Upper
97 100
99 61.5 50.4 75.6
61 43.0 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 47.088 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 65 Resp: 18543

Ion Ratio Lower Upper

65 100

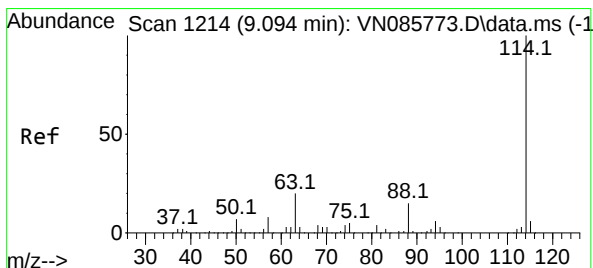
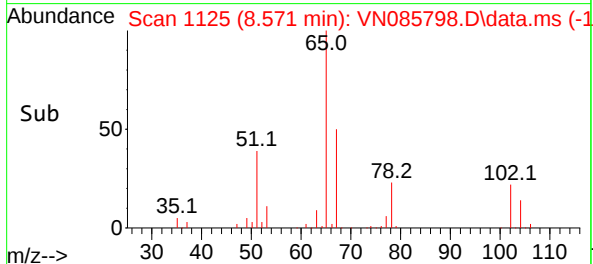
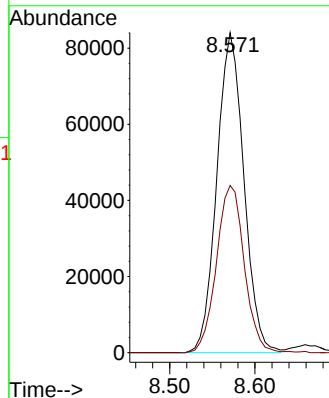
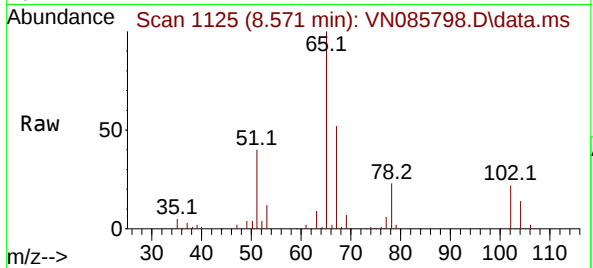
67 53.9 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

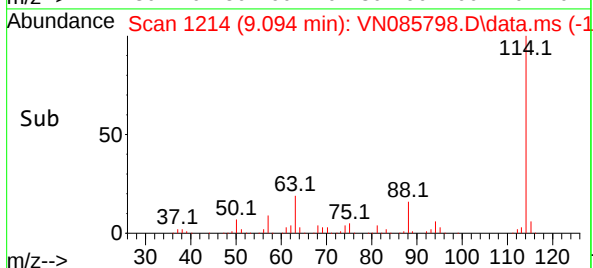
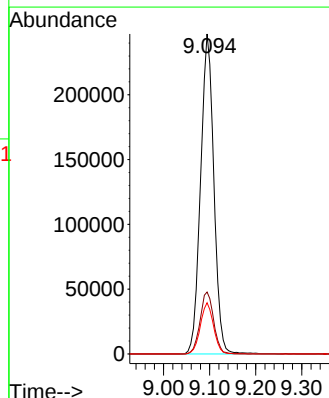
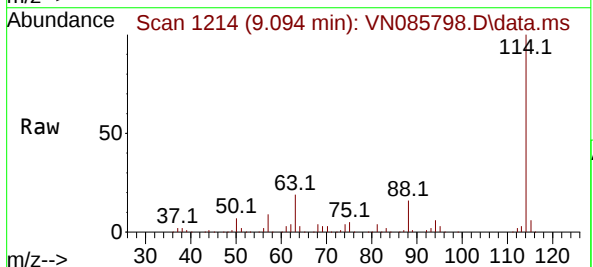
Tgt Ion:114 Resp: 496806

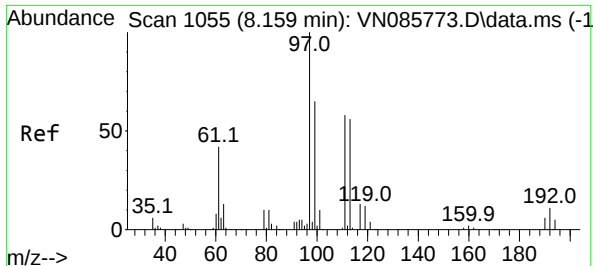
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 113 Resp: 15844

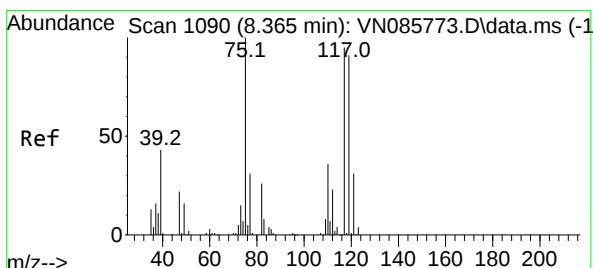
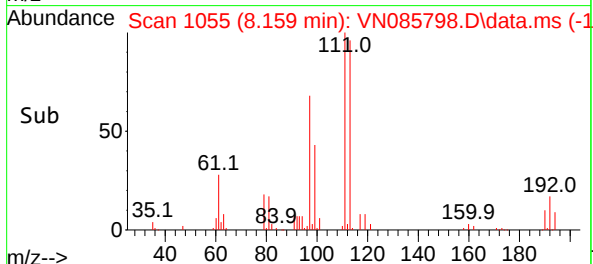
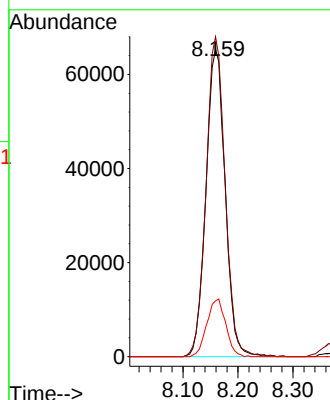
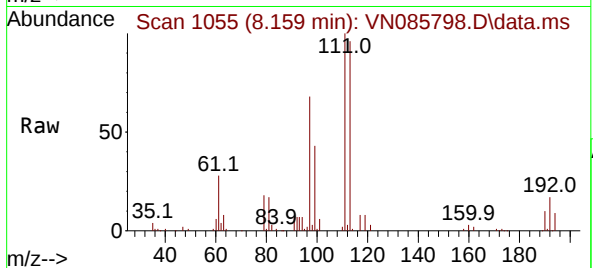
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.6	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#36

1,1-Dichloropropene

Concen: 18.741 ug/l

RT: 8.359 min Scan# 1089

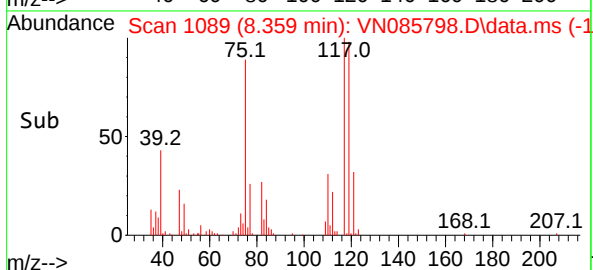
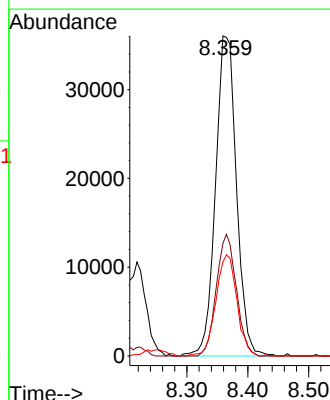
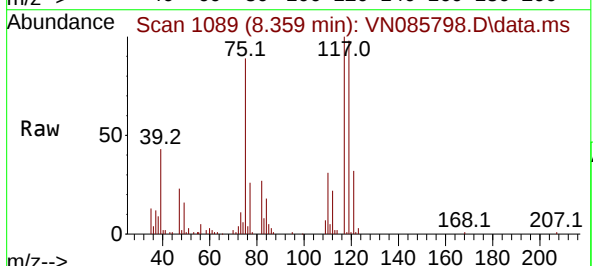
Delta R.T. -0.006 min

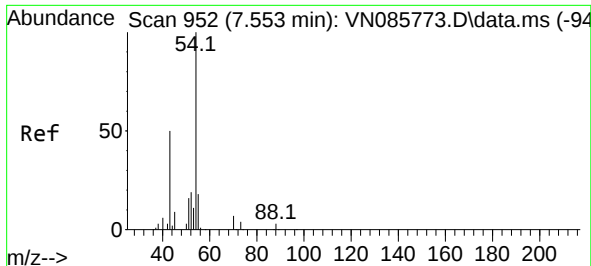
Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Tgt Ion: 75 Resp: 86226

Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.3	52.0
77	31.5	24.6	37.0





#37

Ethyl Acetate

Concen: 17.921 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 43 Resp: 6785

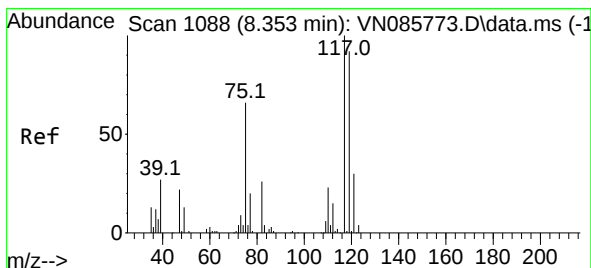
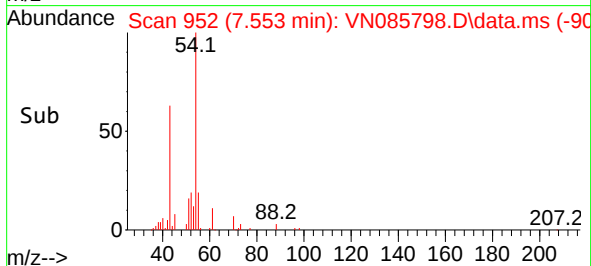
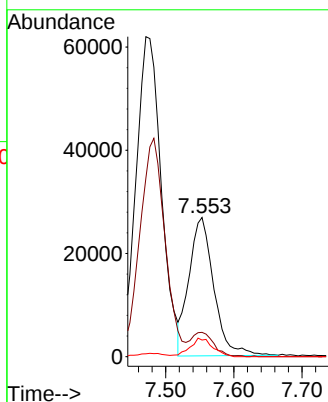
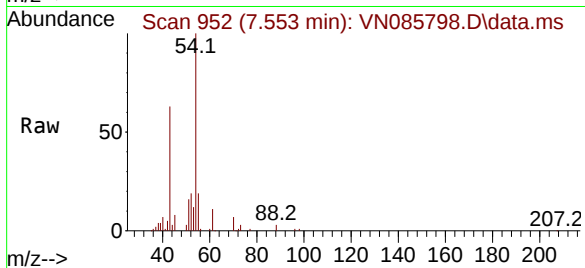
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.2	18.2
70	12.2	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#38

Carbon Tetrachloride

Concen: 18.791 ug/l

RT: 8.353 min Scan# 1088

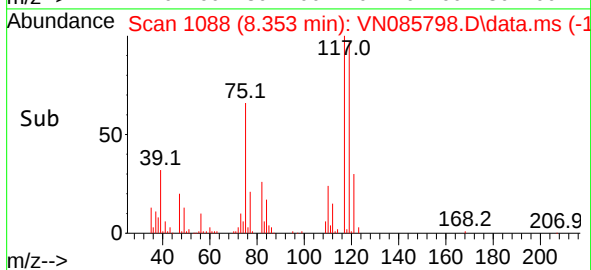
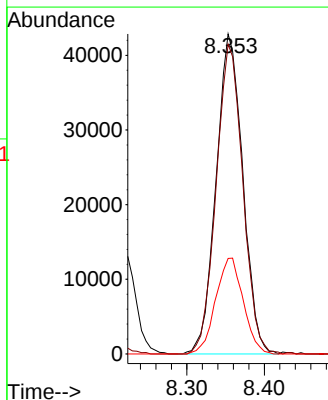
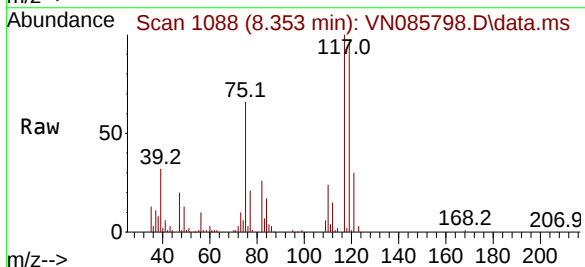
Delta R.T. -0.000 min

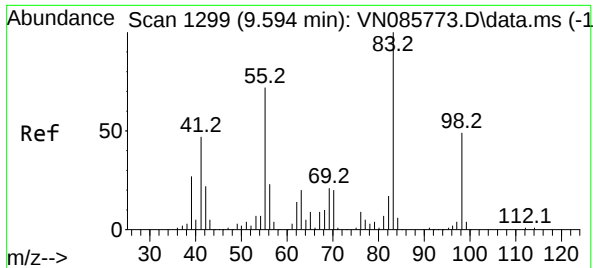
Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Tgt Ion:117 Resp: 102725

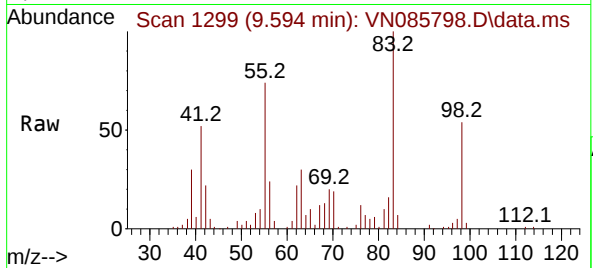
Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.8	110.6
121	29.9	24.3	36.5





#39
Methylcyclohexane
Concen: 19.264 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

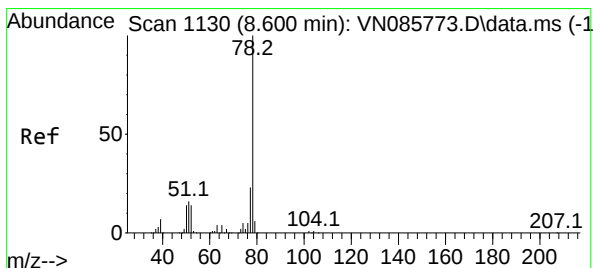
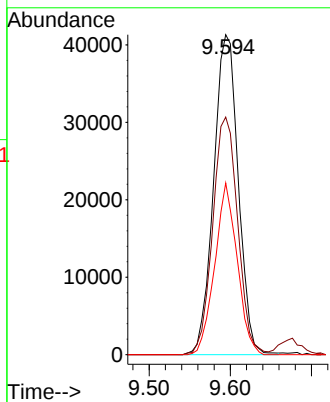
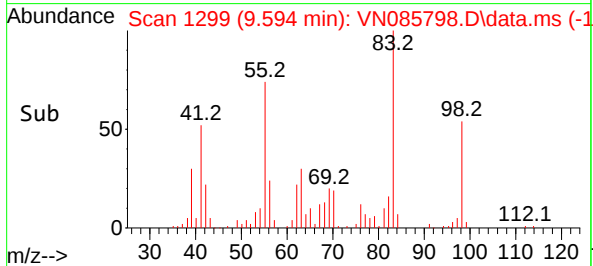
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



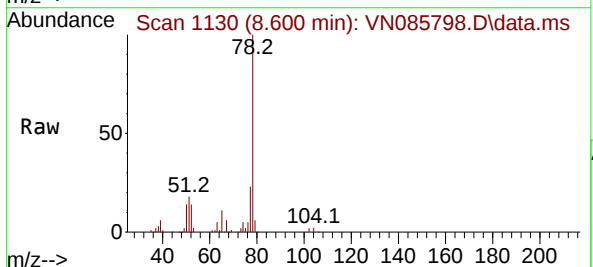
Tgt Ion: 83 Resp: 8707
Ion Ratio Lower Upper
83 100
55 74.3 57.5 86.3
98 53.6 39.2 58.8

Manual Integrations
APPROVED

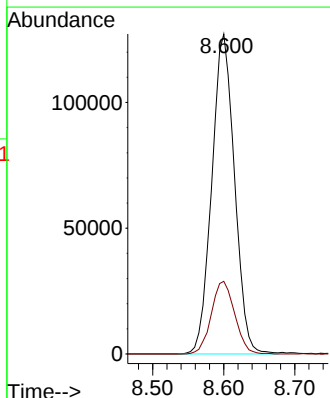
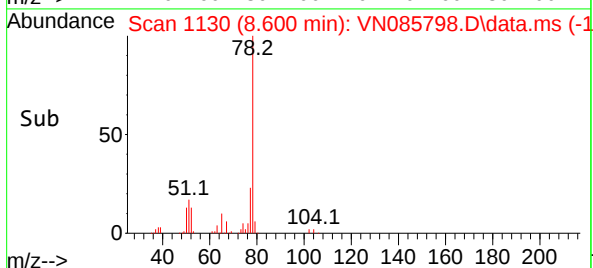
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

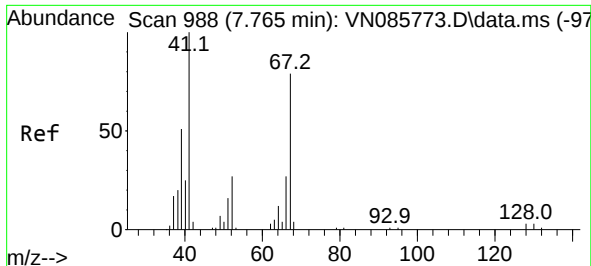


#40
Benzene
Concen: 19.152 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



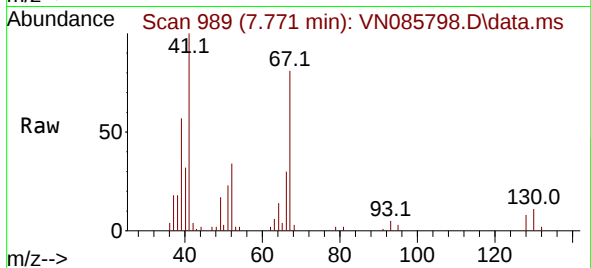
Tgt Ion: 78 Resp: 282417
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5





#41
Methacrylonitrile
Concen: 17.653 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

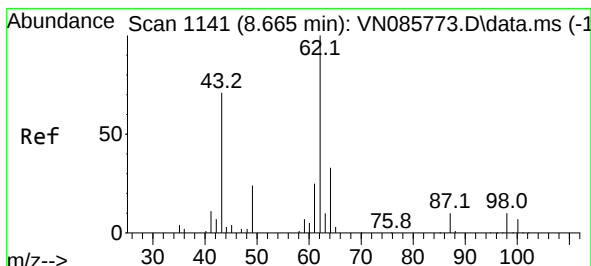
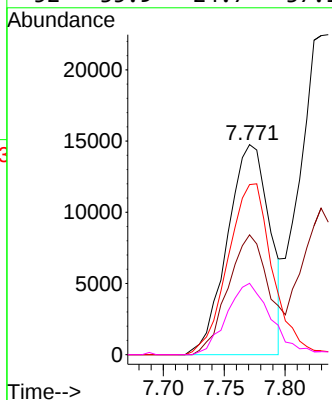
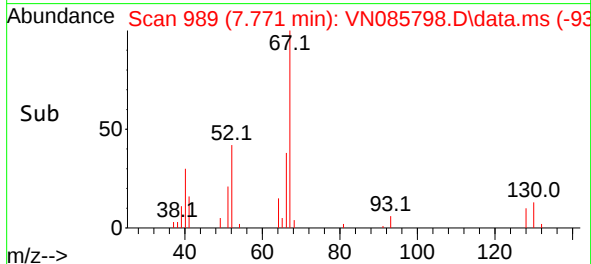
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



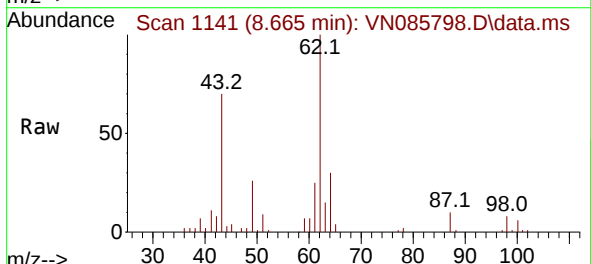
Tgt Ion: 41 Resp: 3573
Ion Ratio Lower Upper
41 100
39 56.5 42.0 63.0
67 86.1 64.2 96.4
52 35.9 24.7 37.1

Manual Integrations
APPROVED

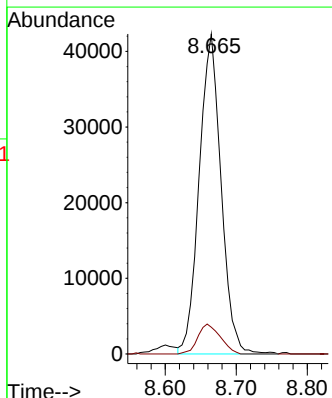
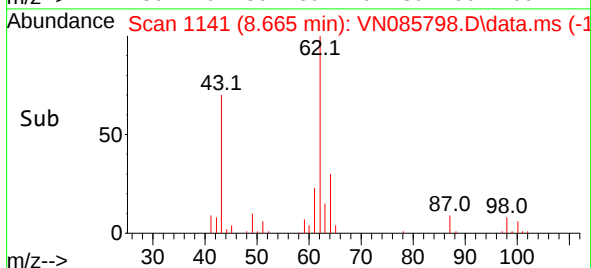
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

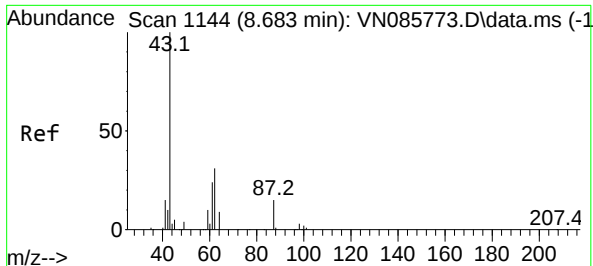


#42
1,2-Dichloroethane
Concen: 18.871 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



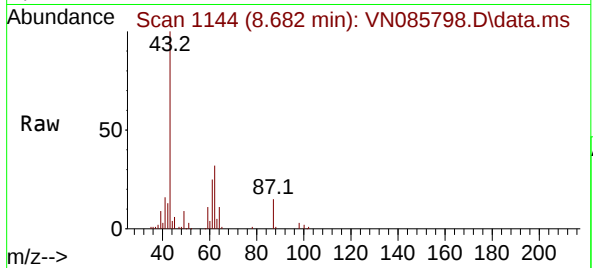
Tgt Ion: 62 Resp: 90642
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 17.285 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

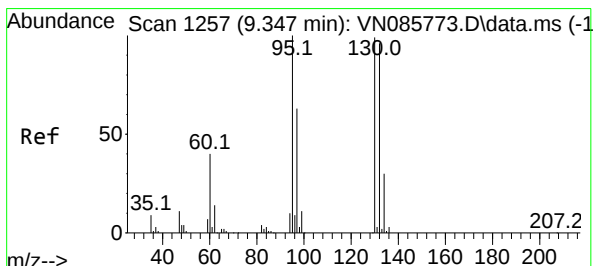
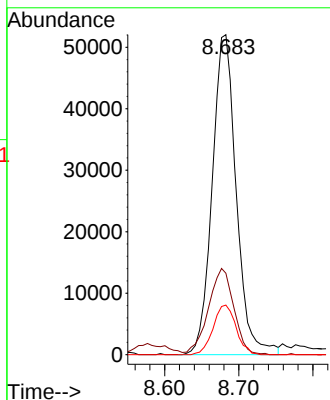
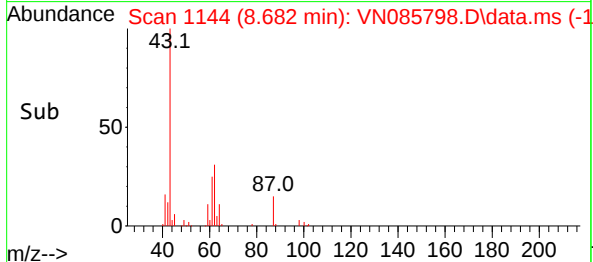
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 43 Resp: 11723
Ion Ratio Lower Upper
43 100
61 28.5 22.6 34.0
87 14.8 11.8 17.8

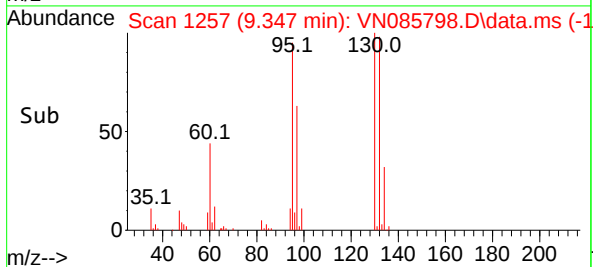
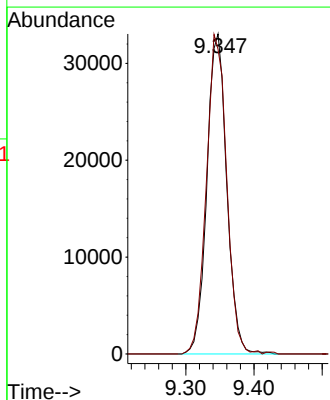
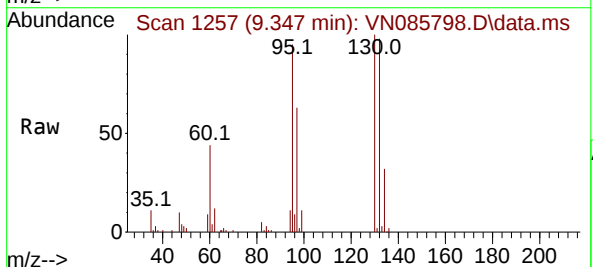
Manual Integrations
APPROVED

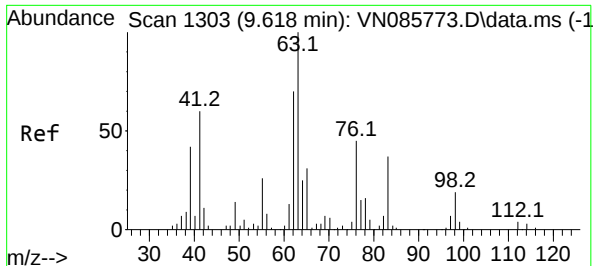
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#44
Trichloroethene
Concen: 18.496 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Tgt Ion:130 Resp: 66967
Ion Ratio Lower Upper
130 100
95 95.2 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.352 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion: 63 Resp: 6888

Ion Ratio Lower Upper

63 100

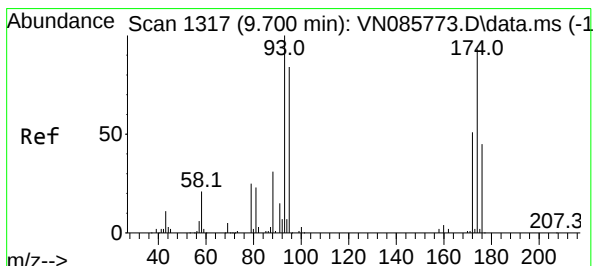
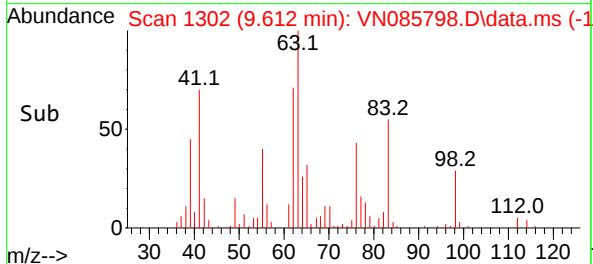
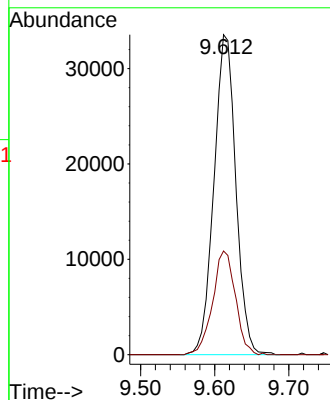
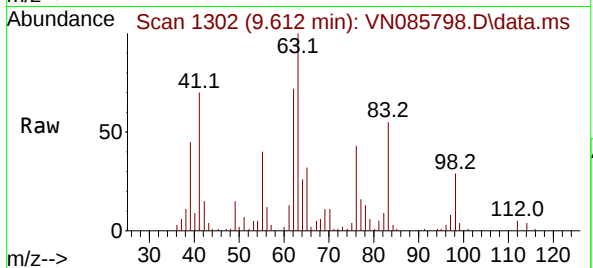
65 32.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#46

Dibromomethane

Concen: 18.506 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

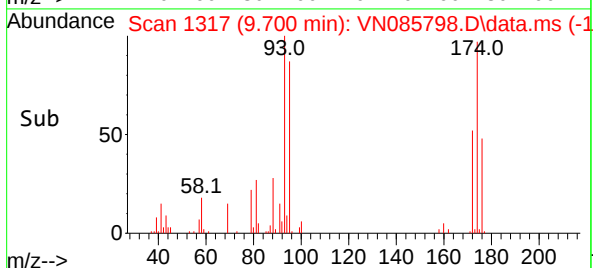
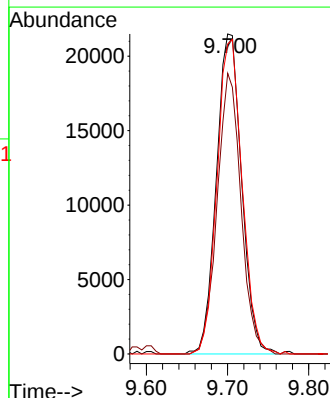
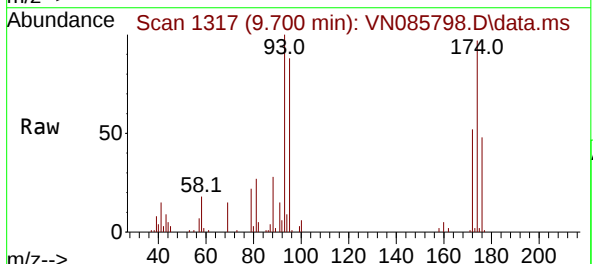
Tgt Ion: 93 Resp: 46463

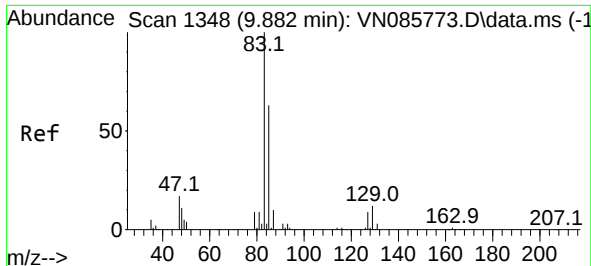
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

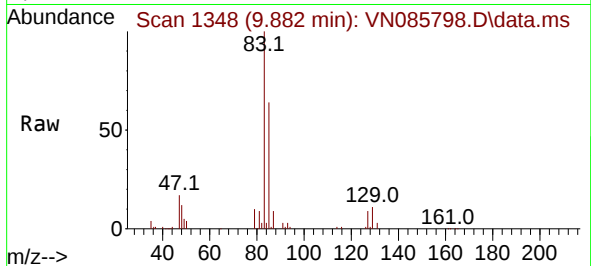
174 98.0 77.2 115.8





#47
Bromodichloromethane
Concen: 18.818 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

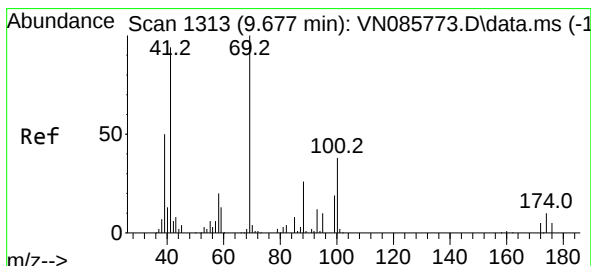
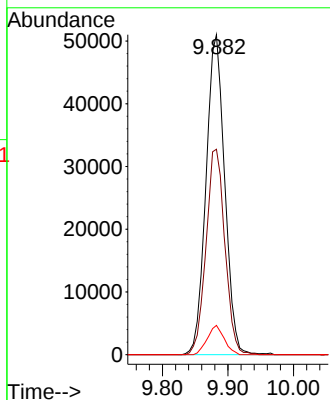
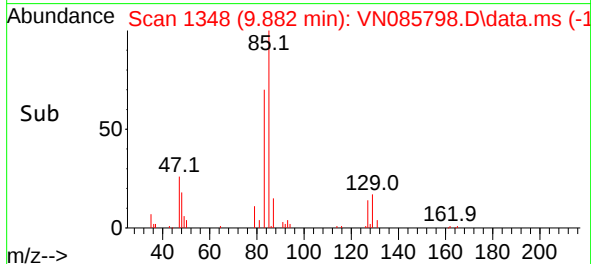
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



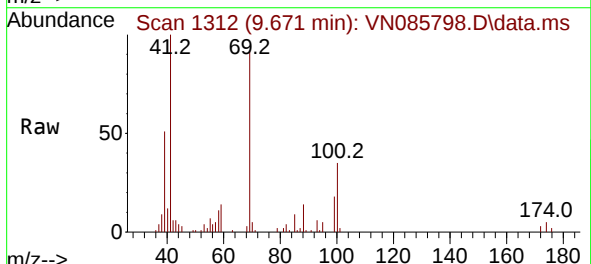
Tgt Ion: 83 Resp: 10108
Ion Ratio Lower Upper
83 100
85 64.2 50.5 75.7
127 9.2 7.2 10.8

Manual Integrations
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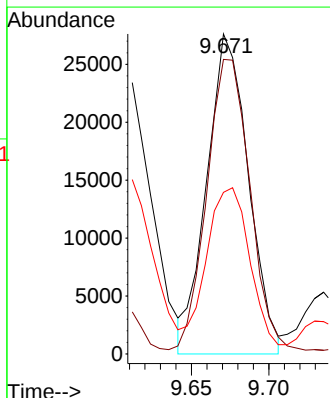
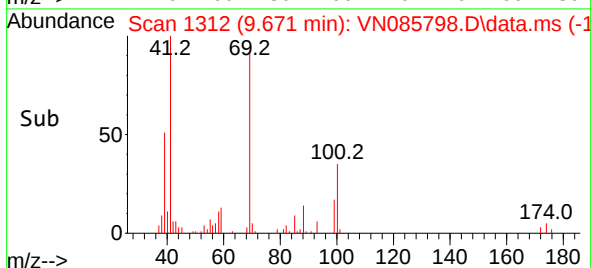
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

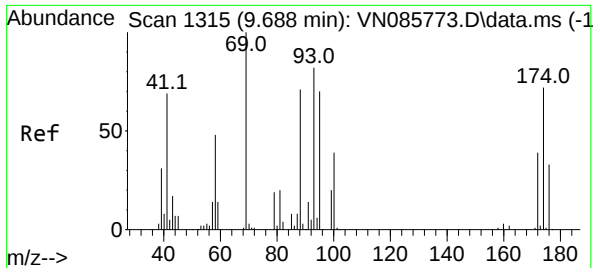


#48
Methyl methacrylate
Concen: 18.351 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



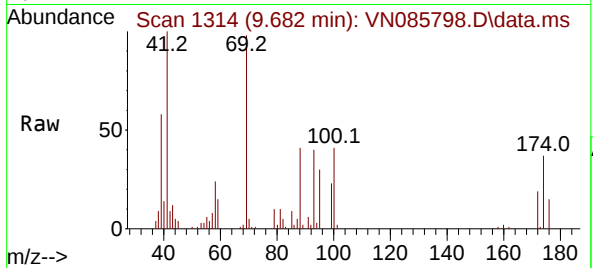
Tgt Ion: 41 Resp: 51602
Ion Ratio Lower Upper
41 100
69 97.6 76.0 114.0
39 56.3 42.3 63.5





#49
1,4-Dioxane
Concen: 347.775 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

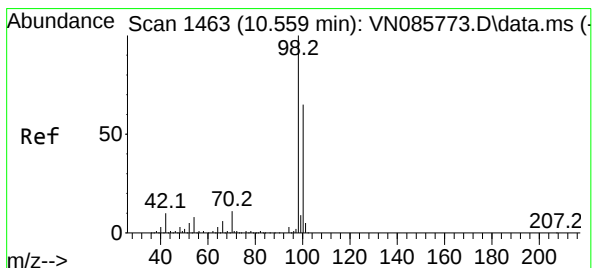
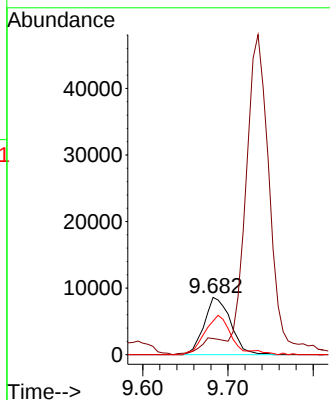
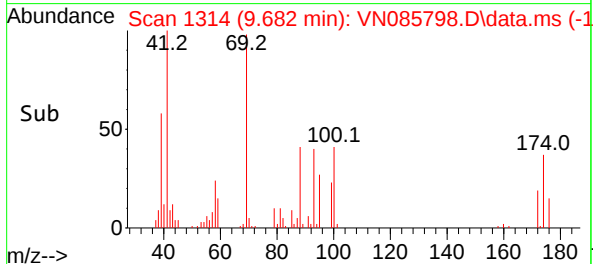
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 88 Resp: 18590
Ion Ratio Lower Upper
88 100
43 24.9 18.6 27.8
58 69.7 56.7 85.1

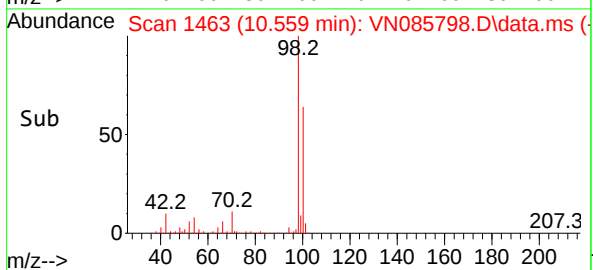
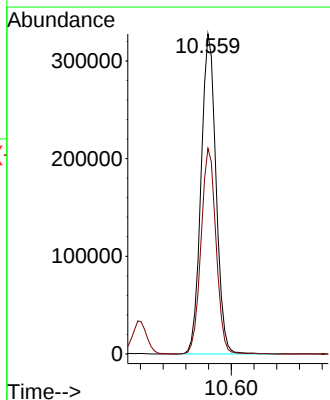
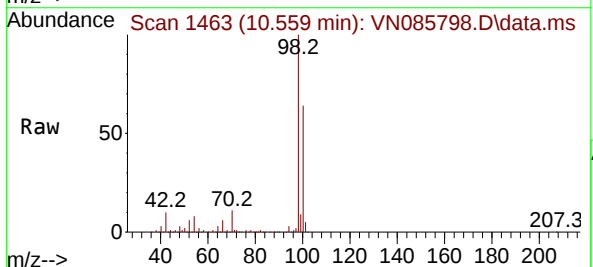
Manual Integrations
APPROVED

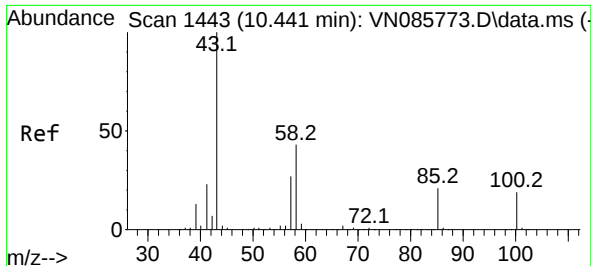
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#50
Toluene-d8
Concen: 50.582 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Tgt Ion: 98 Resp: 598267
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1





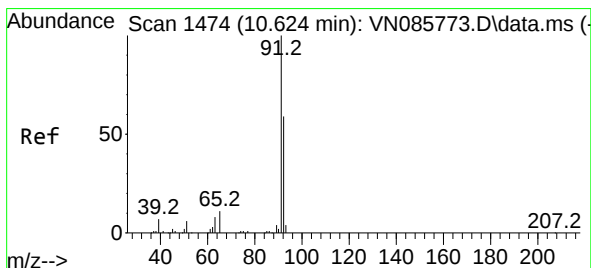
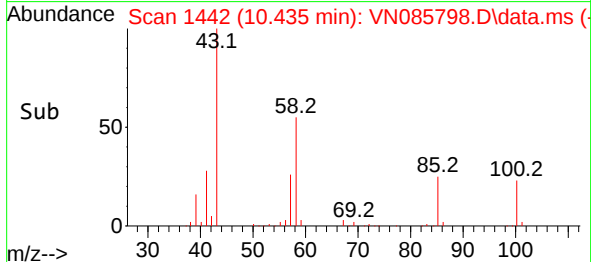
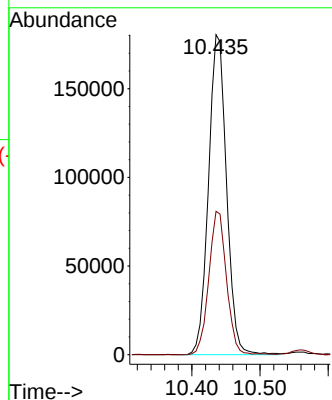
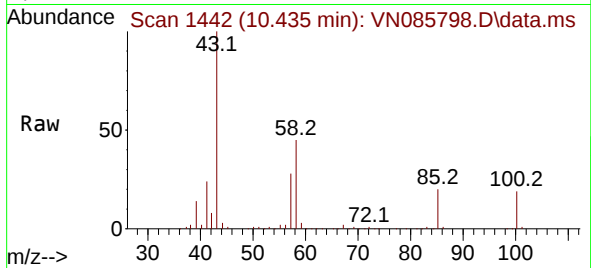
#51
4-Methyl-2-Pentanone
Concen: 91.055 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 43 Resp: 33239
Ion Ratio Lower Upper
43 100
58 43.9 34.6 52.0

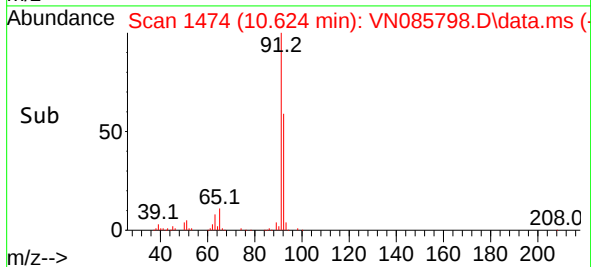
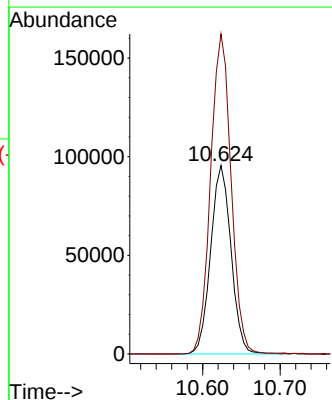
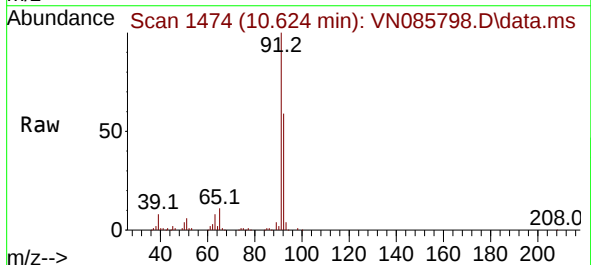
Manual Integrations
APPROVED

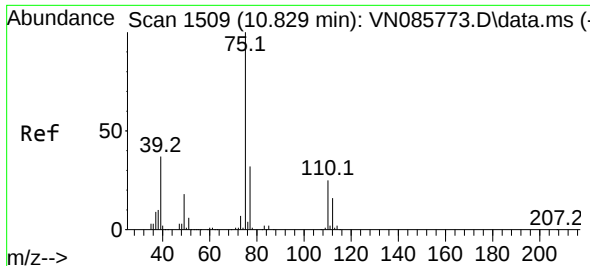
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#52
Toluene
Concen: 20.173 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

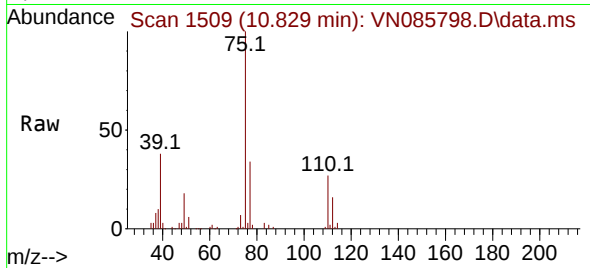
Tgt Ion: 92 Resp: 174371
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 19.453 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

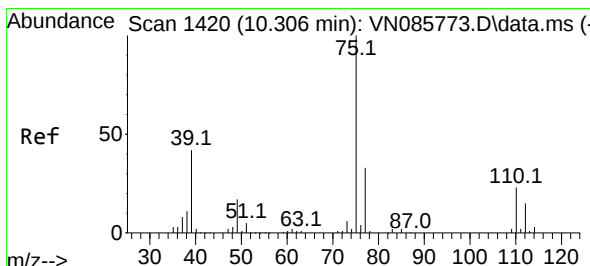
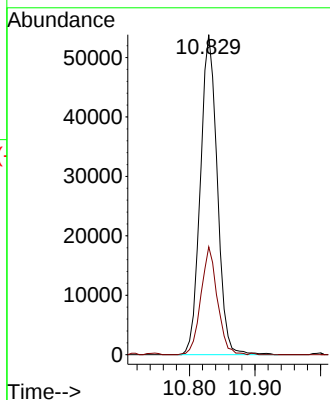
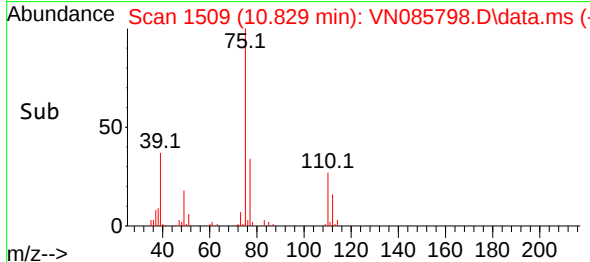
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 75 Resp: 9662
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0

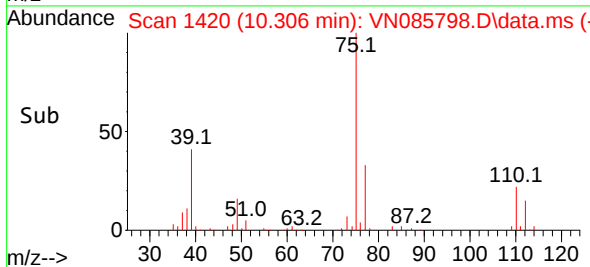
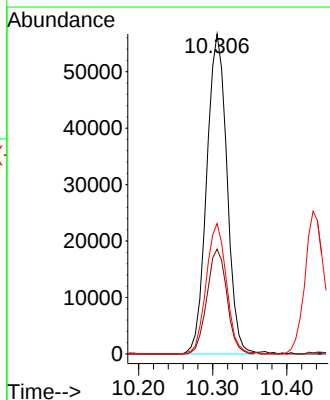
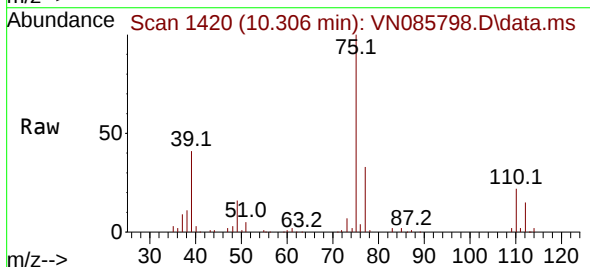
Manual Integrations
APPROVED

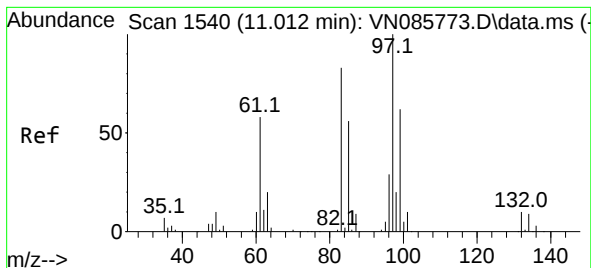
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#54
cis-1,3-Dichloropropene
Concen: 19.822 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

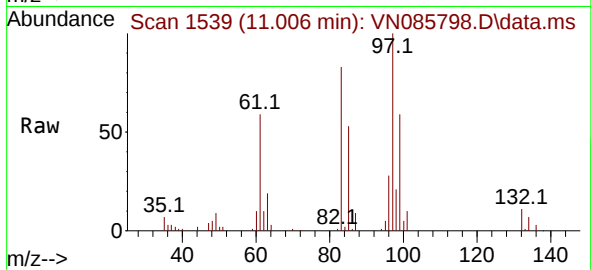
Tgt Ion: 75 Resp: 107961
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 40.8 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 19.362 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

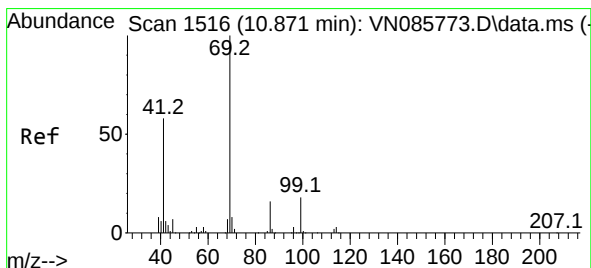
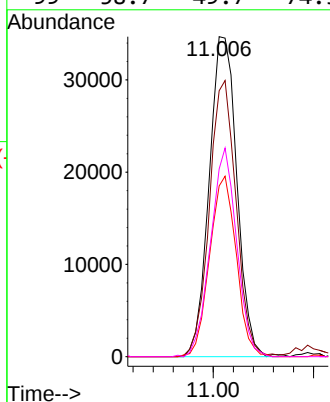
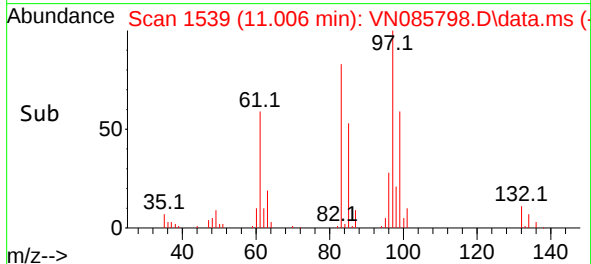
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



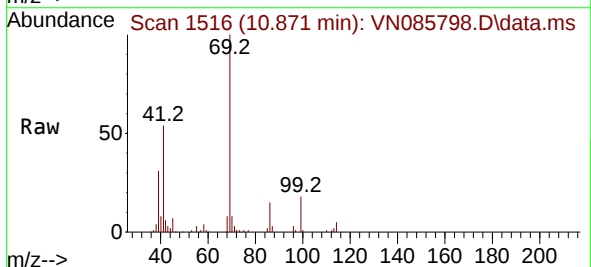
Tgt Ion: 97 Resp: 66542
Ion Ratio Lower Upper
97 100
83 83.1 66.1 99.1
85 53.4 44.7 67.1
99 58.7 49.7 74.5

Manual Integrations
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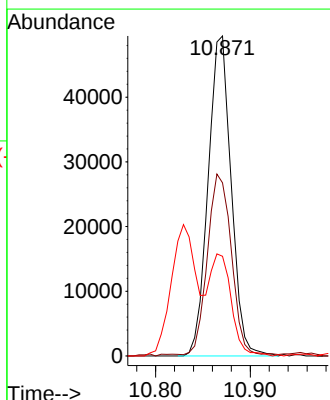
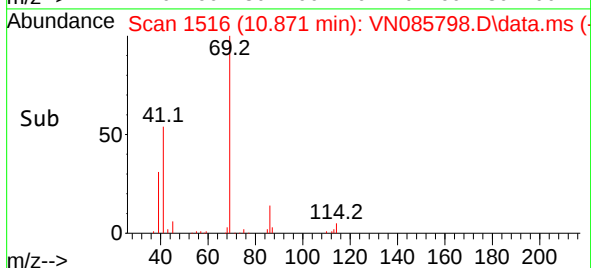
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

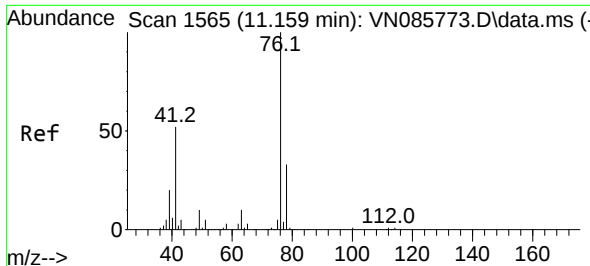


#56
Ethyl methacrylate
Concen: 18.524 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



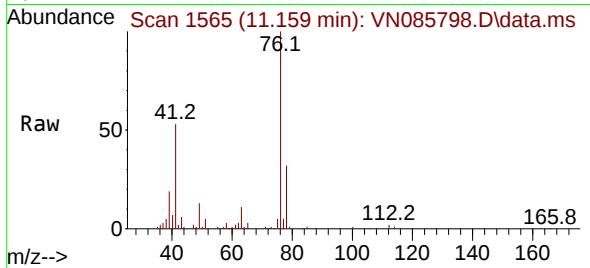
Tgt Ion: 69 Resp: 83631
Ion Ratio Lower Upper
69 100
41 58.7 46.0 69.0
39 28.6 22.0 33.0





#57
1,3-Dichloropropane
Concen: 19.015 ug/l
RT: 11.159 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

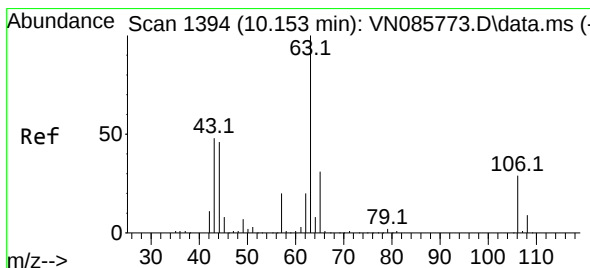
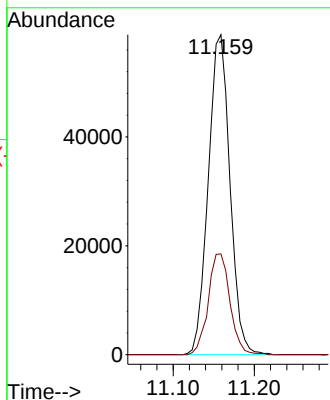
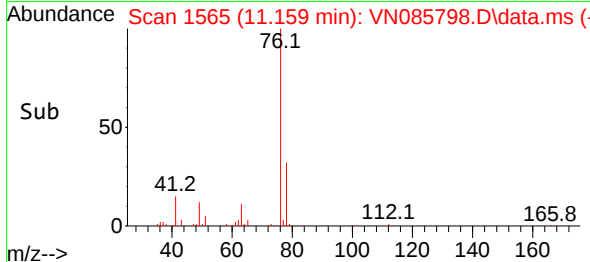
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 76 Resp: 109092
Ion Ratio Lower Upper
76 100
78 31.6 25.9 38.9

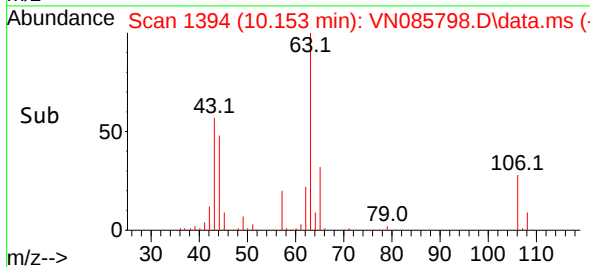
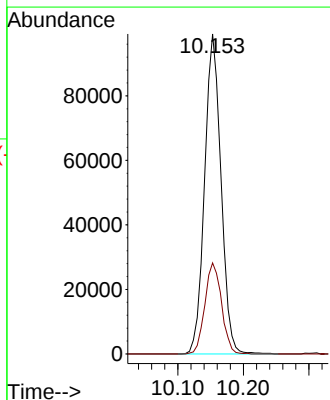
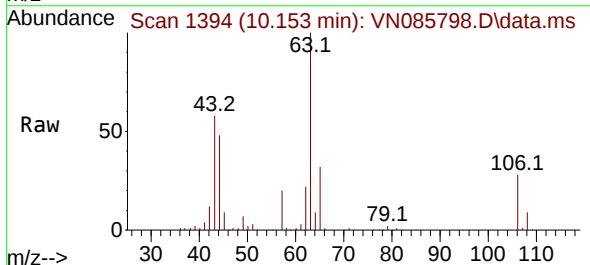
Manual Integrations
APPROVED

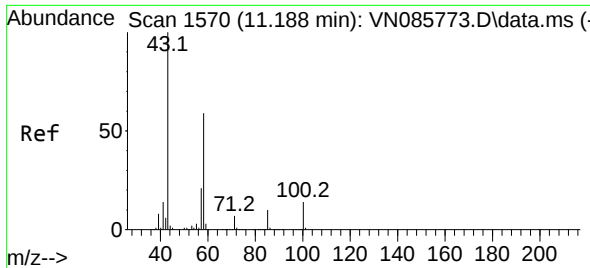
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 105.148 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Tgt Ion: 63 Resp: 172667
Ion Ratio Lower Upper
63 100
106 28.8 22.7 34.1





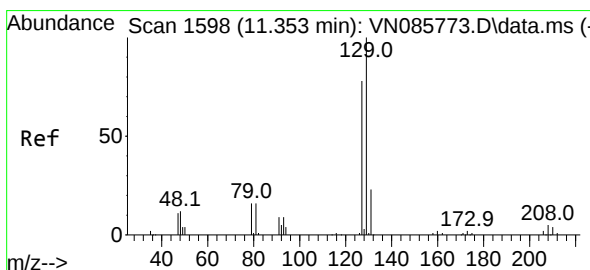
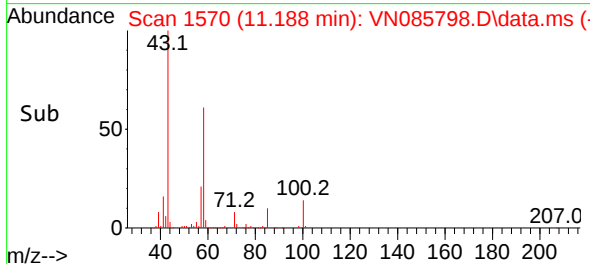
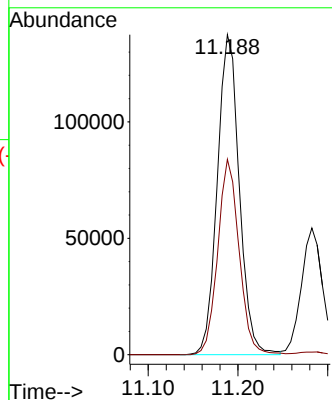
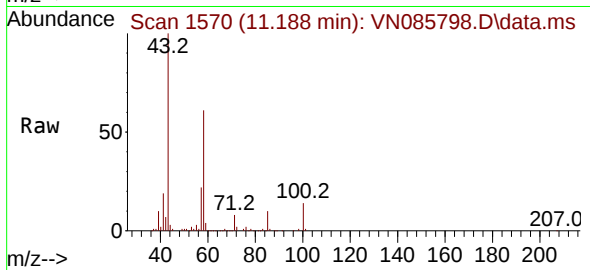
#59
2-Hexanone
Concen: 93.086 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 43 Resp: 23376
Ion Ratio Lower Upper
43 100
58 59.4 29.8 89.5

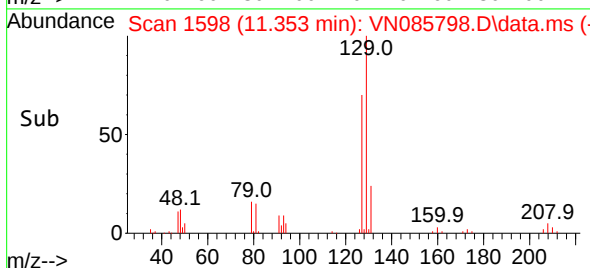
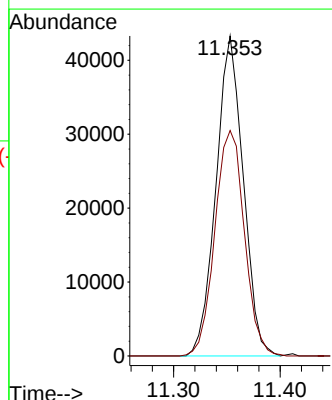
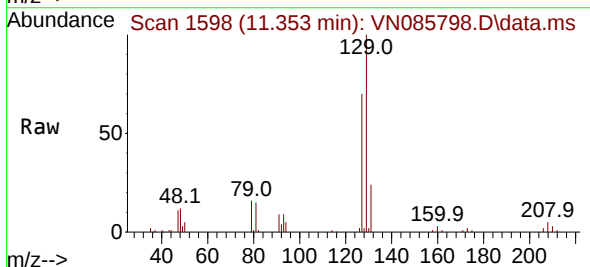
Manual Integrations
APPROVED

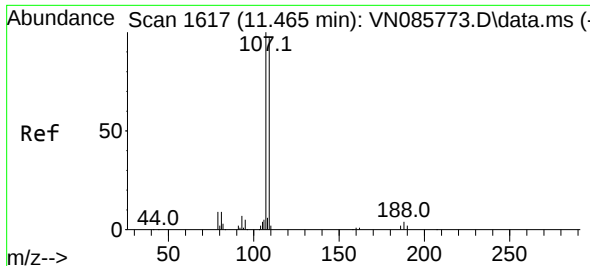
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#60
Dibromochloromethane
Concen: 19.233 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

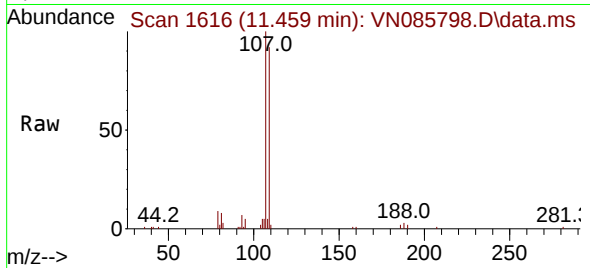
Tgt Ion:129 Resp: 76969
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 19.201 ug/l
RT: 11.459 min Scan# 1616
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

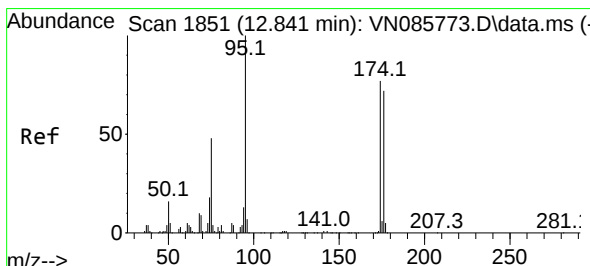
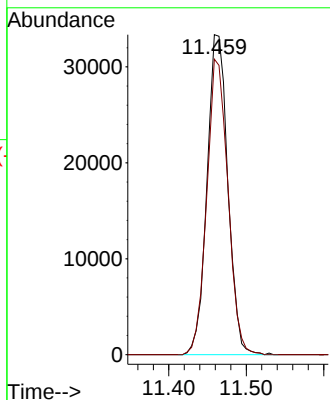
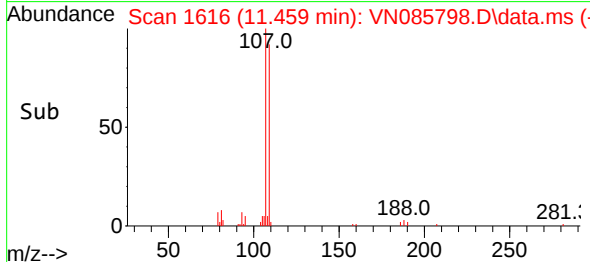
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



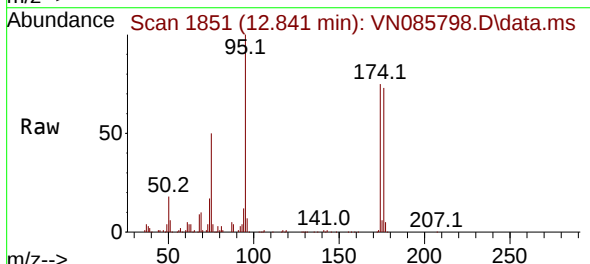
Tgt Ion:107 Resp: 6235
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

Manual Integrations
APPROVED

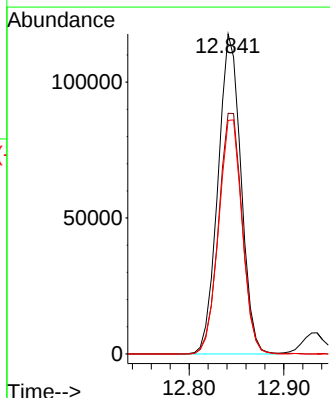
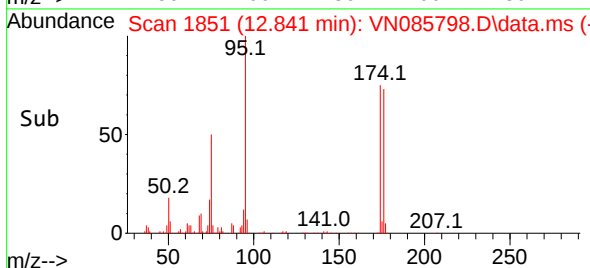
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

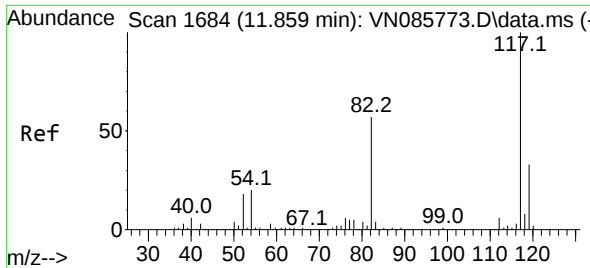


#62
4-Bromofluorobenzene
Concen: 50.998 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



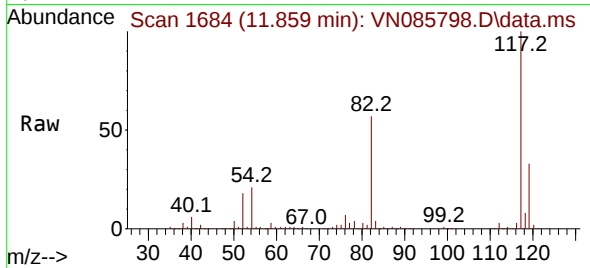
Tgt Ion: 95 Resp: 198735
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.4
176 74.8 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

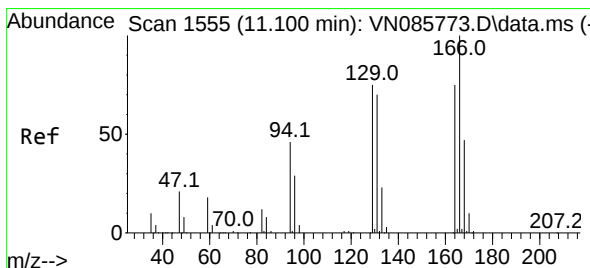
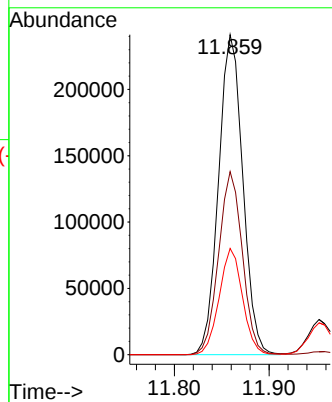
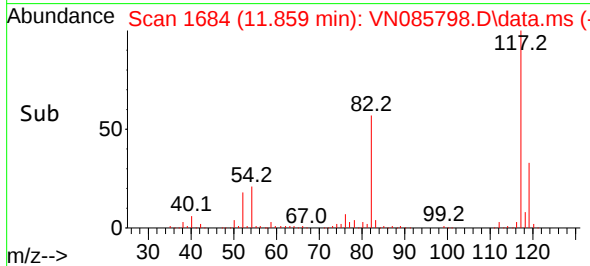
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion:117 Resp: 42933
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 33.2 26.2 39.2

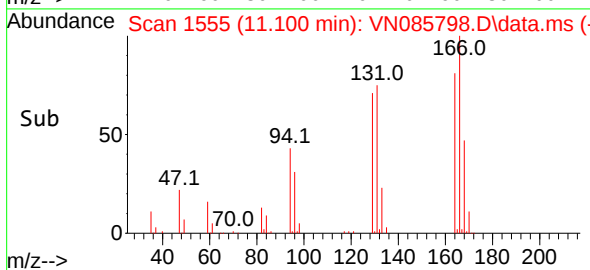
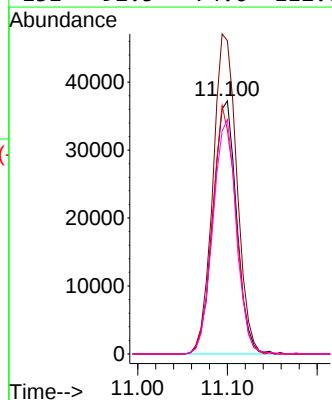
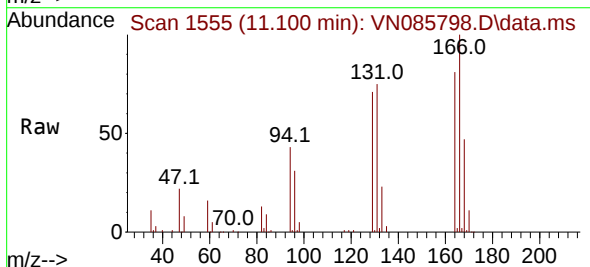
Manual Integrations
APPROVED

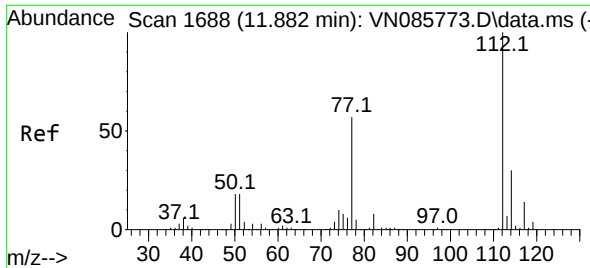
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#64
Tetrachloroethene
Concen: 20.493 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

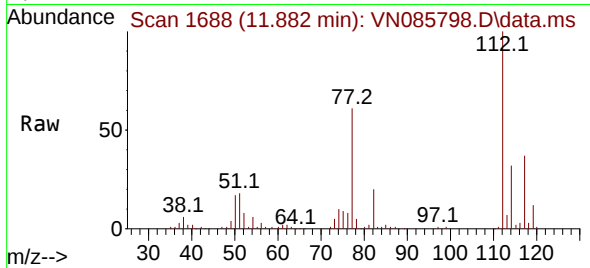
Tgt Ion:164 Resp: 68159
Ion Ratio Lower Upper
164 100
166 123.8 107.2 160.8
129 88.3 80.7 121.1
131 92.5 74.6 112.0





#65
Chlorobenzene
Concen: 18.945 ug/l
RT: 11.882 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

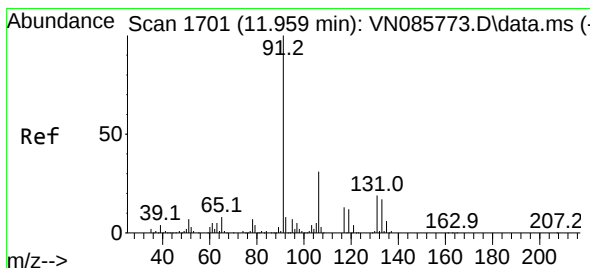
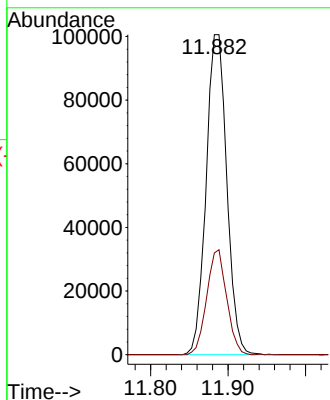
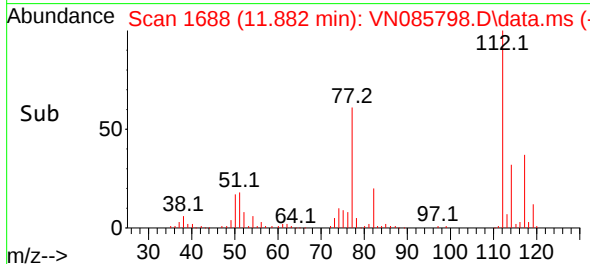
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



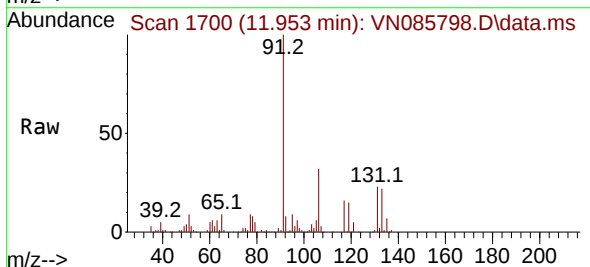
Tgt Ion:112 Resp: 18632
Ion Ratio Lower Upper
112 100
114 31.8 24.3 36.5

Manual Integrations
APPROVED

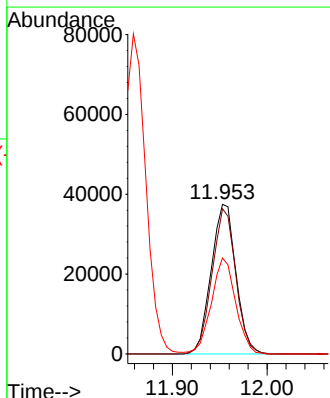
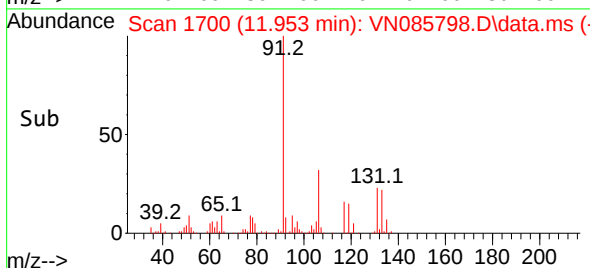
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

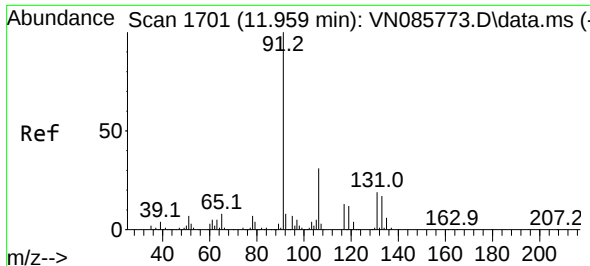


#66
1,1,1,2-Tetrachloroethane
Concen: 19.264 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



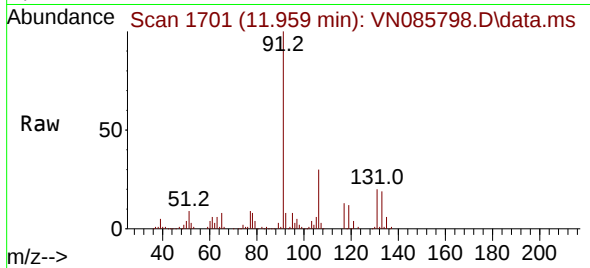
Tgt Ion:131 Resp: 68102
Ion Ratio Lower Upper
131 100
133 93.6 47.7 143.1
119 63.0 33.3 99.8





#67
Ethyl Benzene
Concen: 19.702 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

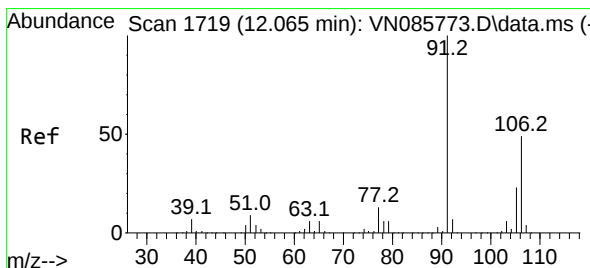
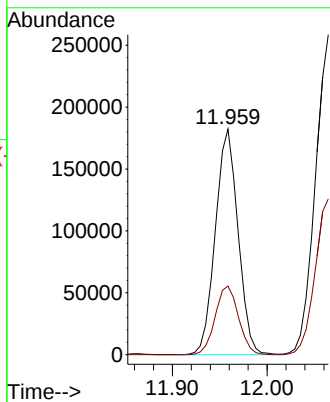
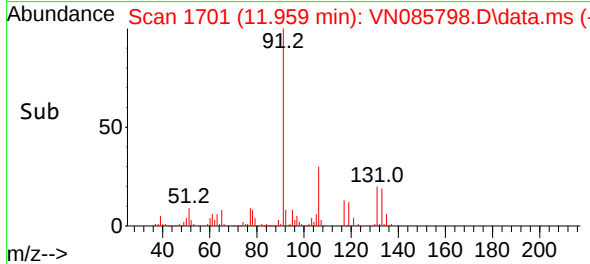
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



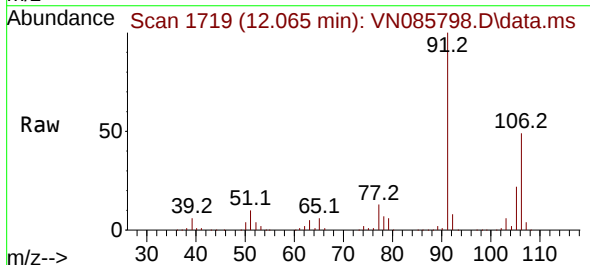
Tgt Ion: 91 Resp: 30354
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

Manual Integrations
APPROVED

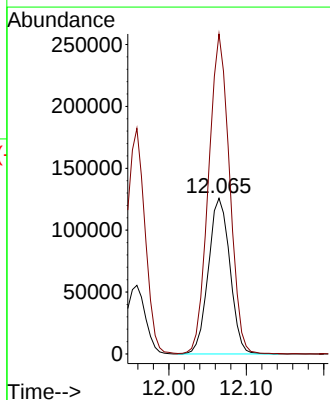
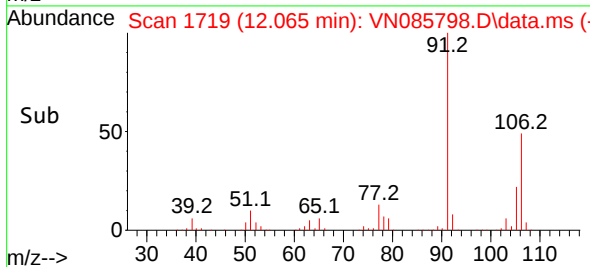
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

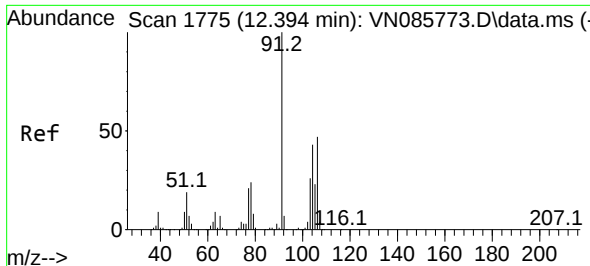


#68
m/p-Xylenes
Concen: 41.436 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



Tgt Ion:106 Resp: 242489
Ion Ratio Lower Upper
106 100
91 201.4 163.3 244.9





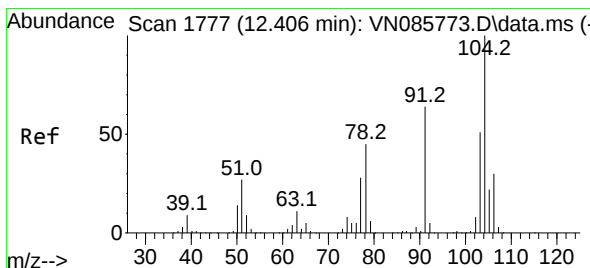
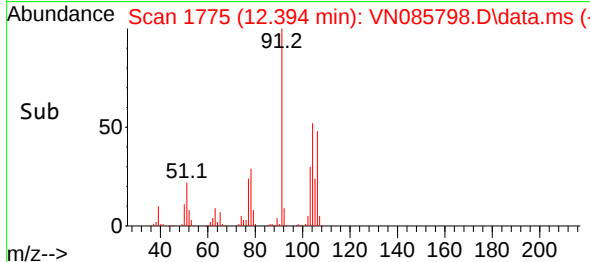
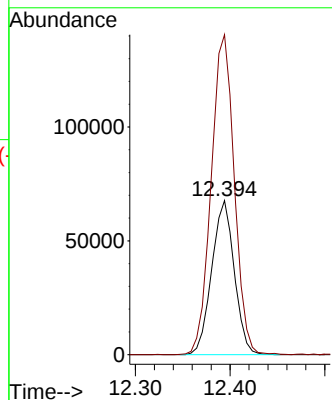
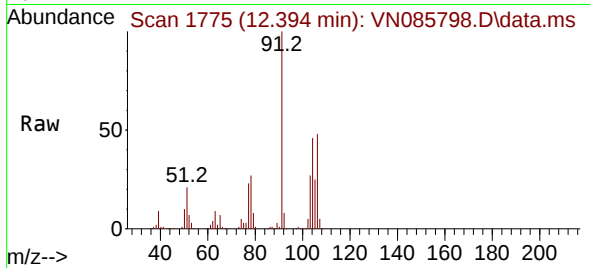
#69
o-Xylene
Concen: 20.135 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion:106 Resp: 11197
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.4

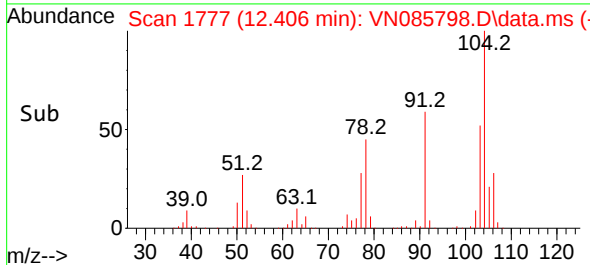
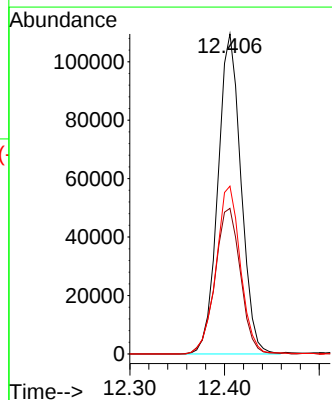
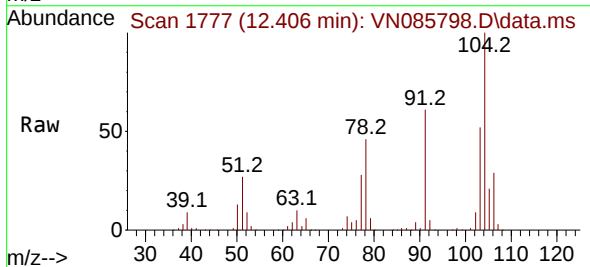
Manual Integrations
APPROVED

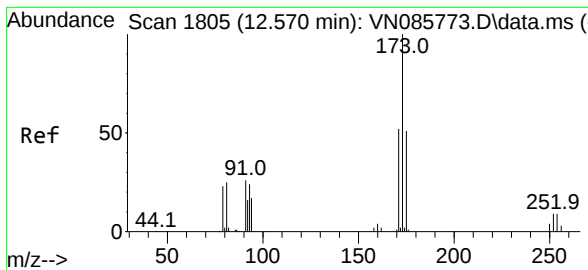
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#70
Styrene
Concen: 19.398 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

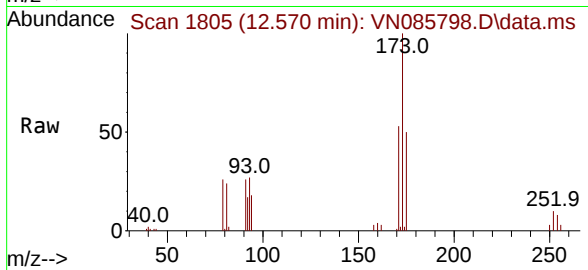
Tgt Ion:104 Resp: 185570
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.6
103 55.8 43.3 64.9





#71
Bromoform
Concen: 18.710 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

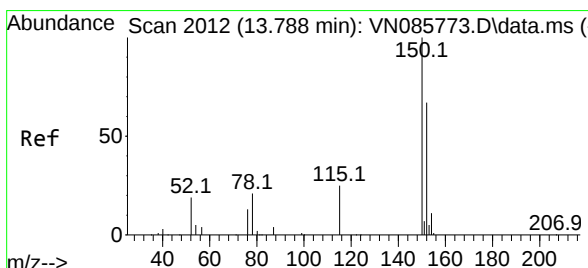
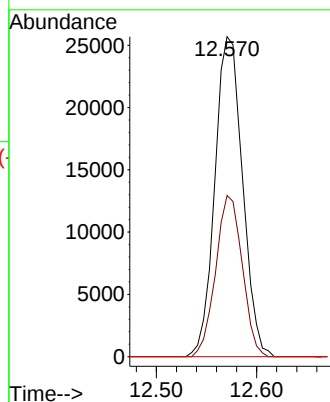
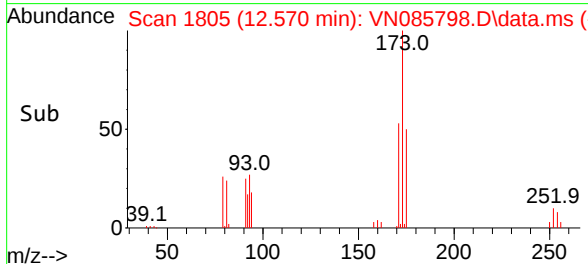
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



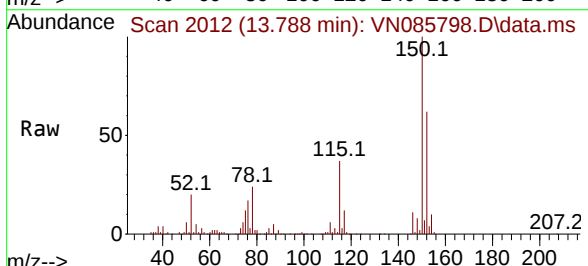
Tgt Ion:173 Resp: 49148
Ion Ratio Lower Upper
173 100
175 48.3 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

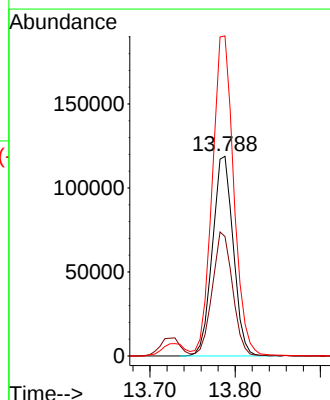
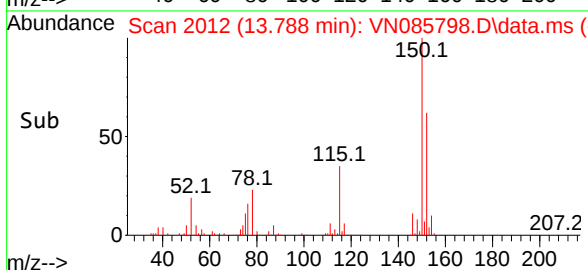
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

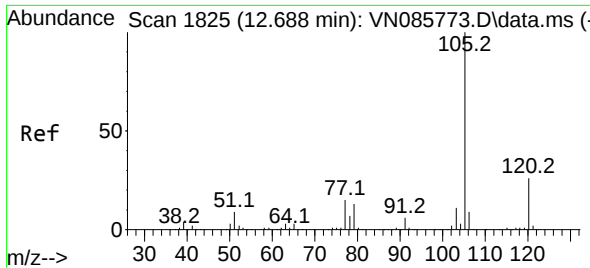


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



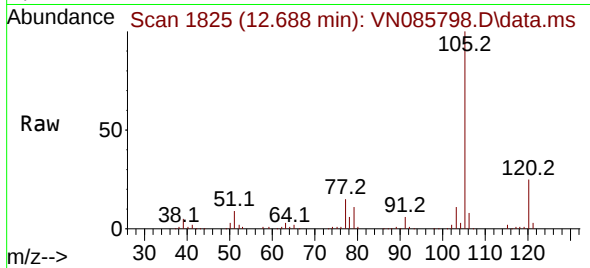
Tgt Ion:152 Resp: 201777
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 166.0 0.0 345.4





#73
Isopropylbenzene
Concen: 20.055 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

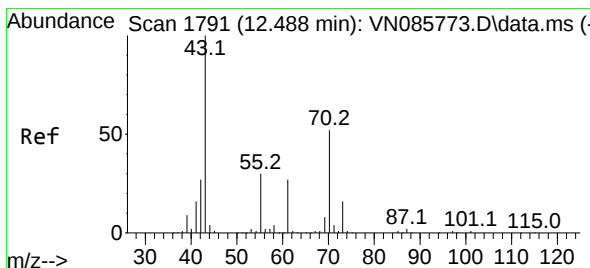
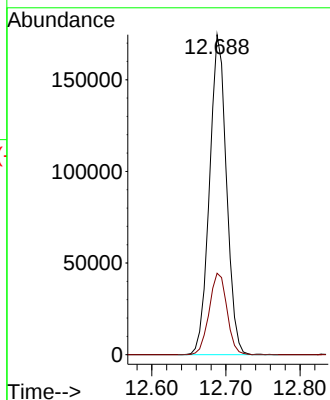
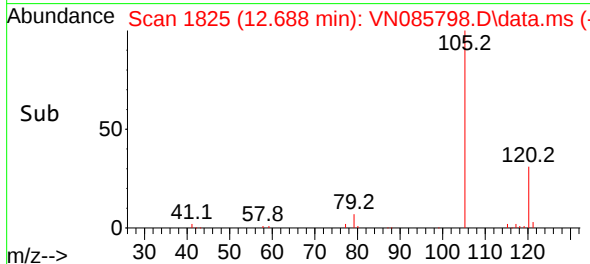
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



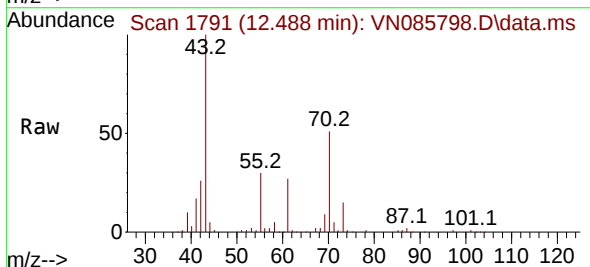
Tgt Ion:105 Resp: 27723
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

Manual Integrations
APPROVED

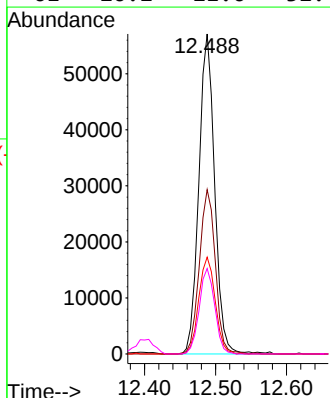
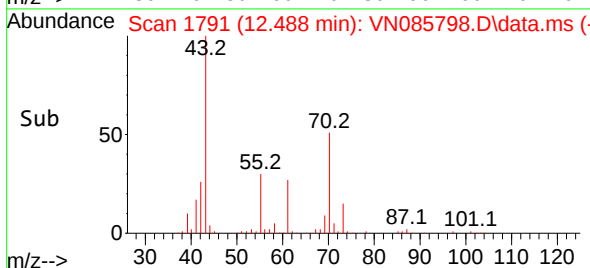
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

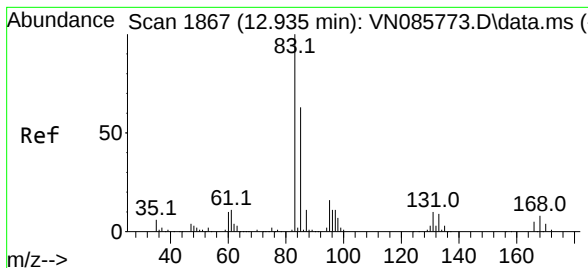


#74
N-ethyl acetate
Concen: 18.174 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



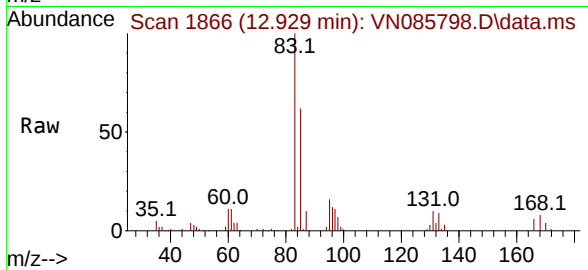
Tgt Ion: 43 Resp: 88596
Ion Ratio Lower Upper
43 100
70 52.0 41.0 61.4
55 31.4 24.6 36.8
61 26.2 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 17.564 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

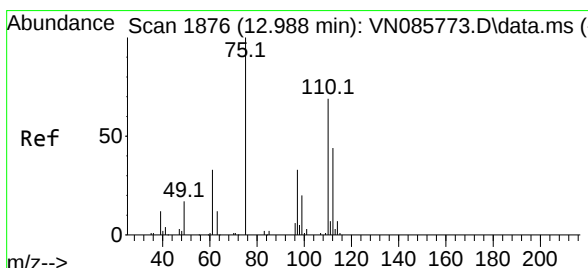
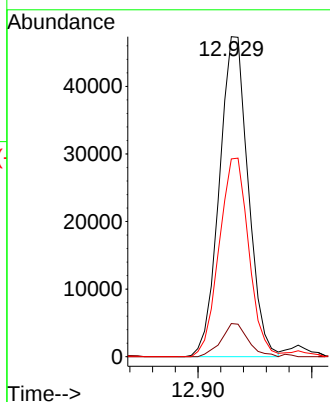
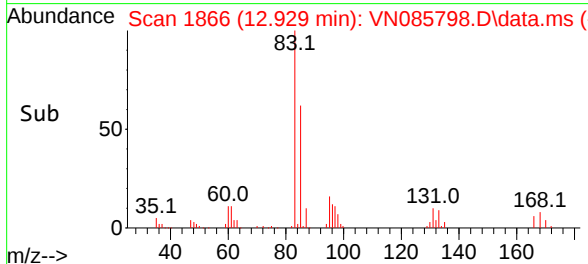
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 83 Resp: 83549
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.9 32.2 96.6

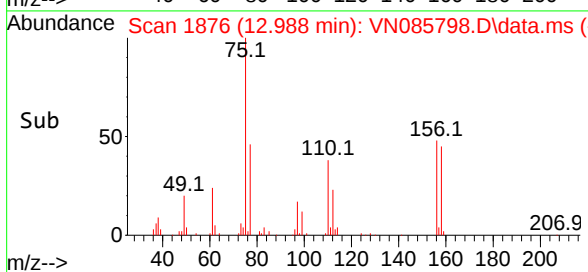
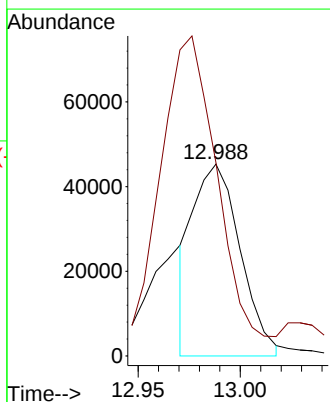
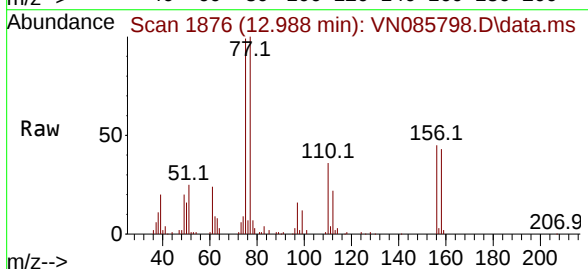
Manual Integrations
APPROVED

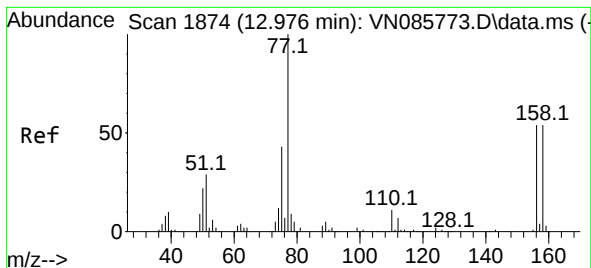
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#76
1,2,3-Trichloropropane
Concen: 16.286 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

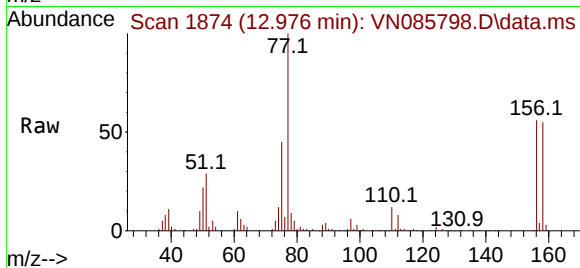
Tgt Ion: 75 Resp: 72997
Ion Ratio Lower Upper
75 100
77 207.8 100.0 300.0





#77
Bromobenzene
Concen: 19.476 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

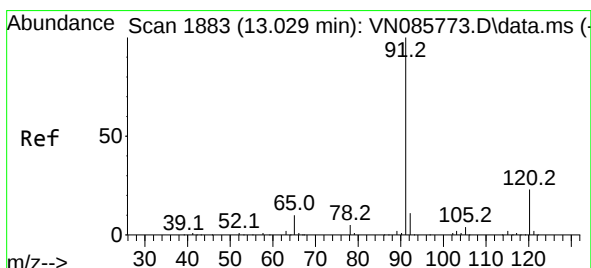
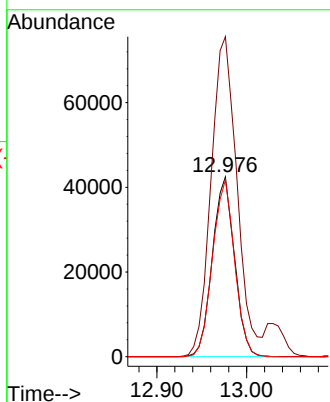
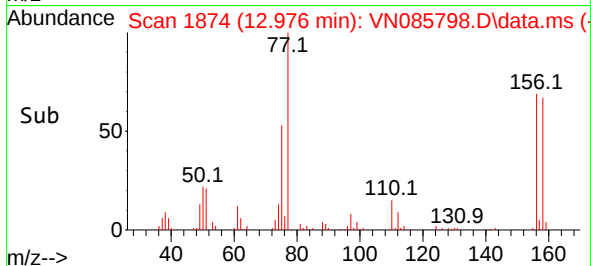
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



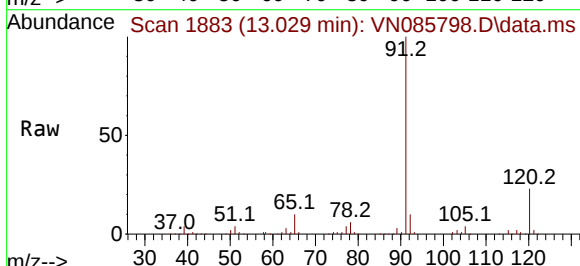
Tgt Ion:156 Resp: 72738
Ion Ratio Lower Upper
156 100
77 208.5 104.1 312.3
158 98.2 48.1 144.4

Manual Integrations
APPROVED

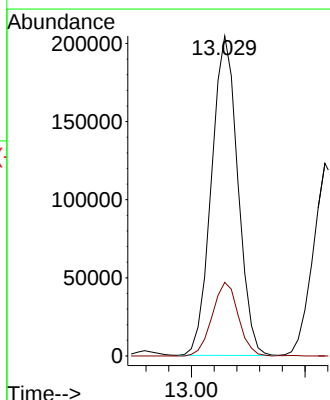
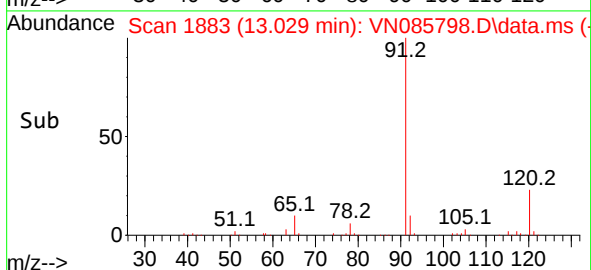
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

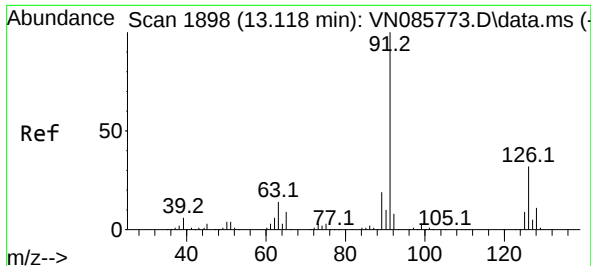


#78
n-propylbenzene
Concen: 20.793 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



Tgt Ion: 91 Resp: 329186
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





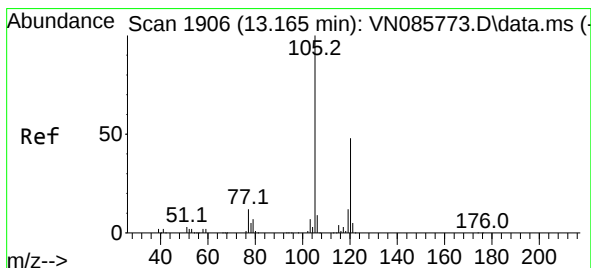
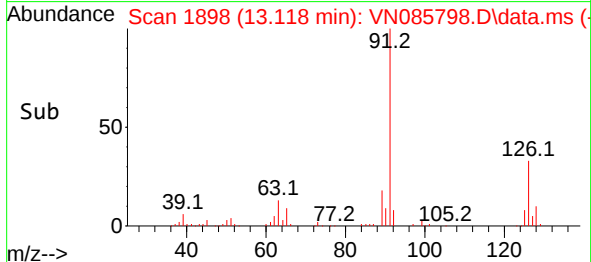
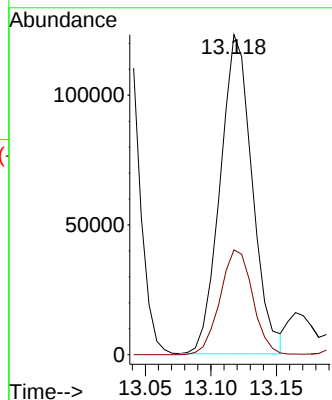
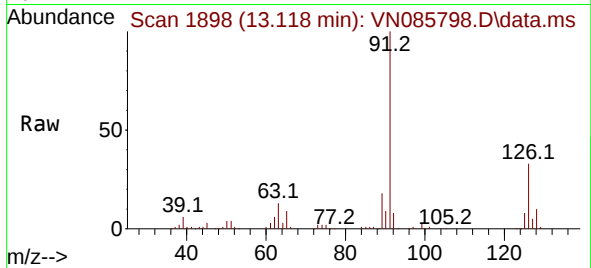
#79
2-Chlorotoluene
Concen: 19.818 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 91 Resp: 20962
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

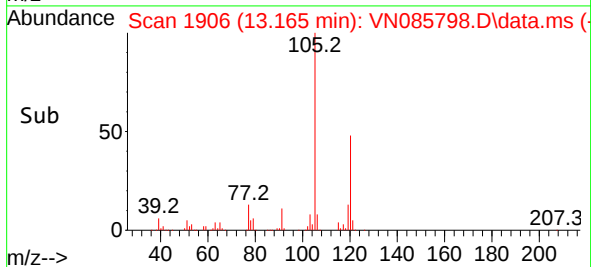
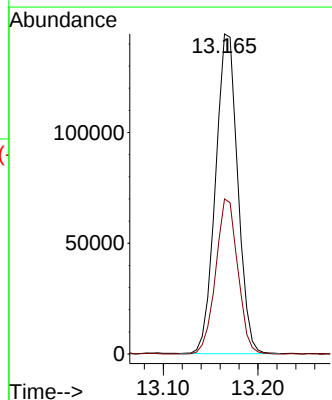
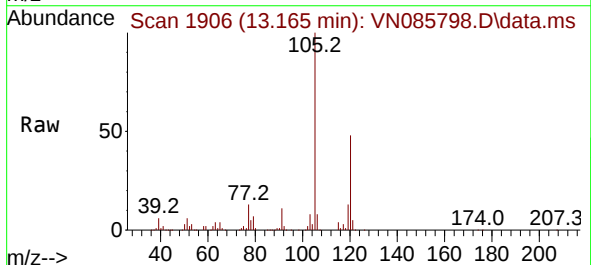
Manual Integrations
APPROVED

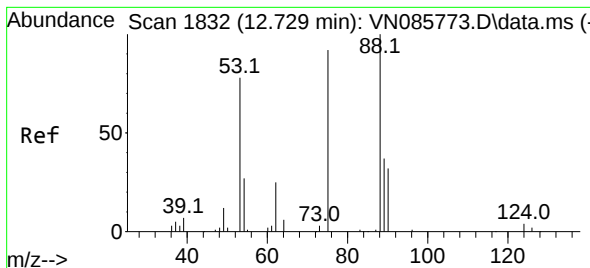
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.912 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Tgt Ion:105 Resp: 235481
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





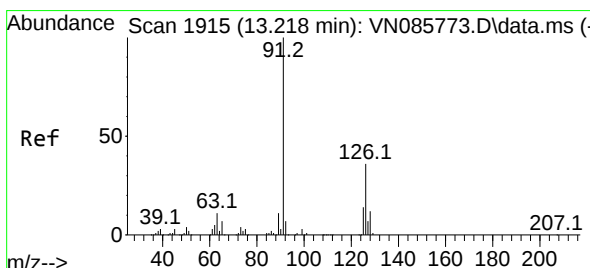
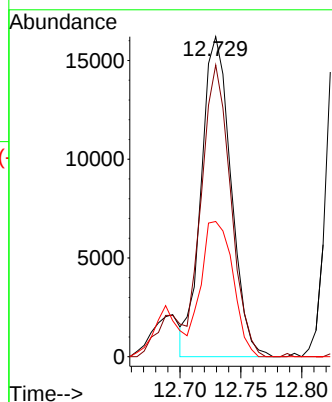
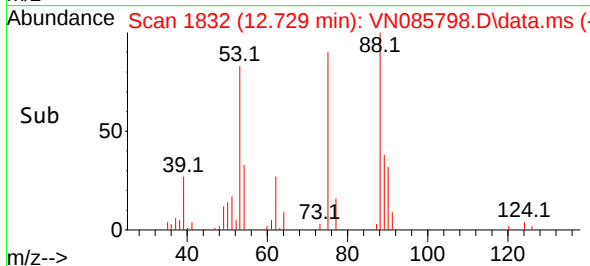
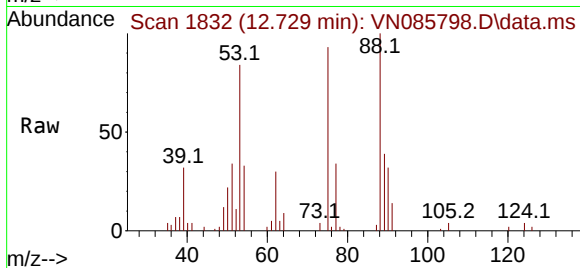
#81
trans-1,4-Dichloro-2-butene
Concen: 17.883 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01

Tgt Ion: 75 Resp: 2747
Ion Ratio Lower Upper
75 100
53 101.1 74.2 111.4
89 45.3 34.9 52.3

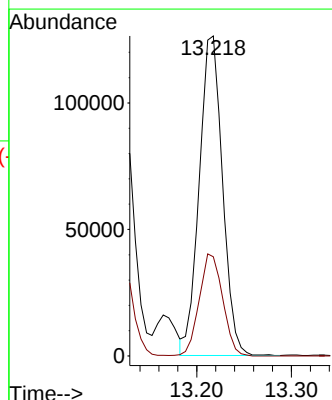
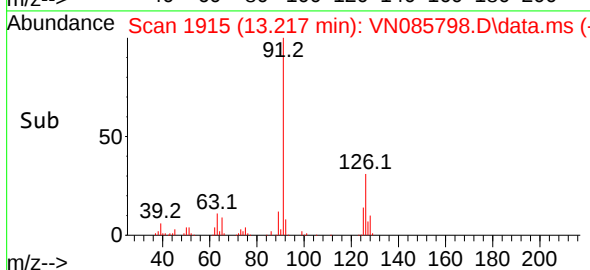
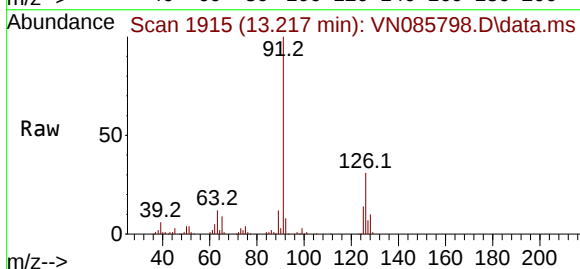
Manual Integrations
APPROVED

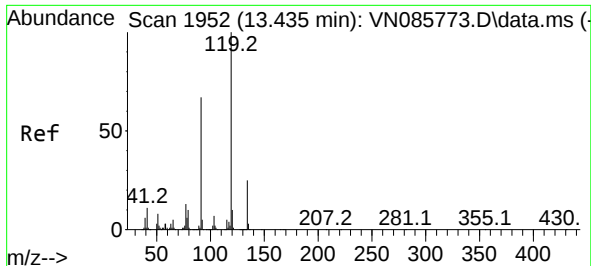
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#82
4-Chlorotoluene
Concen: 20.540 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

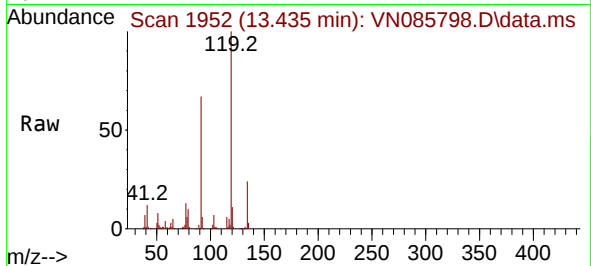
Tgt Ion: 91 Resp: 215390
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 20.632 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21

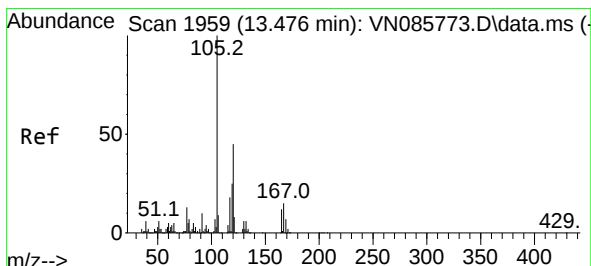
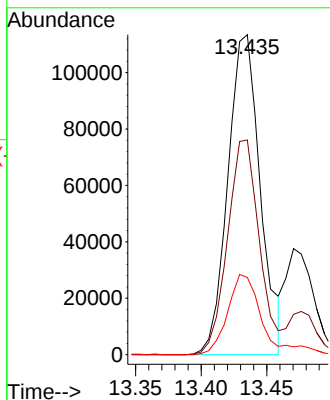
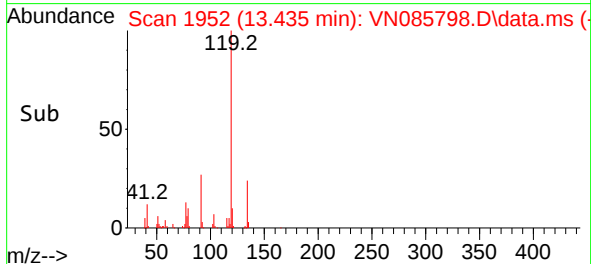
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01



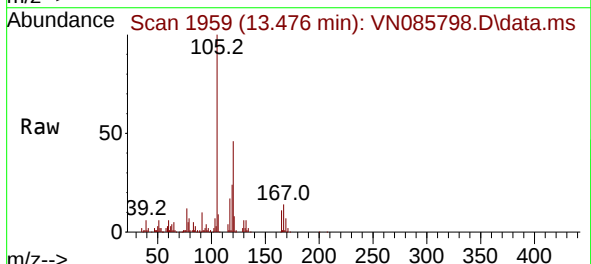
Tgt Ion:119 Resp: 195372
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.5 97.5
 134 26.7 13.3 39.9

Manual Integrations
 APPROVED

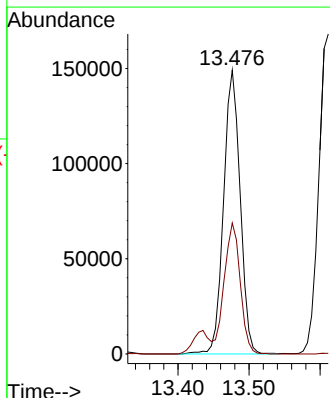
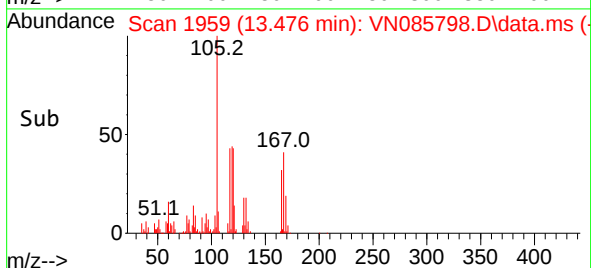
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

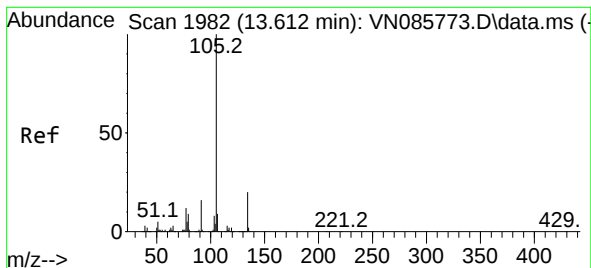


#84
 1,2,4-Trimethylbenzene
 Concen: 21.660 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21



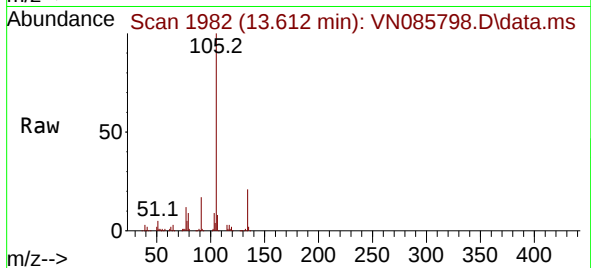
Tgt Ion:105 Resp: 241309
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.657 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21

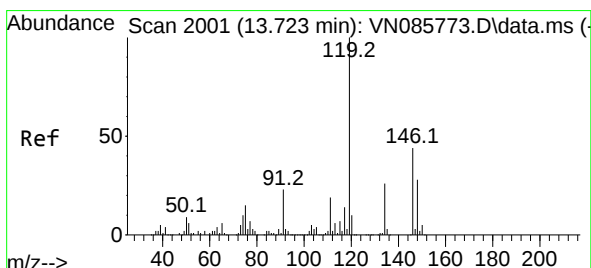
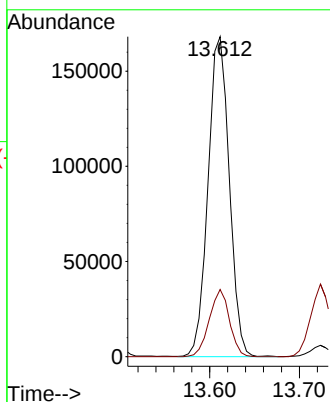
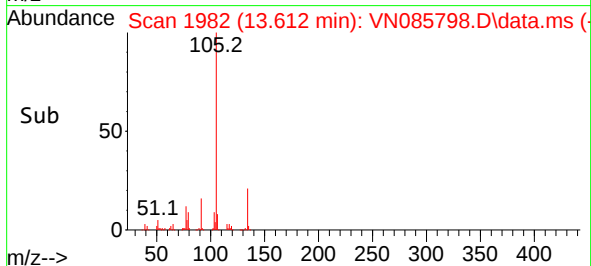
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBSD01



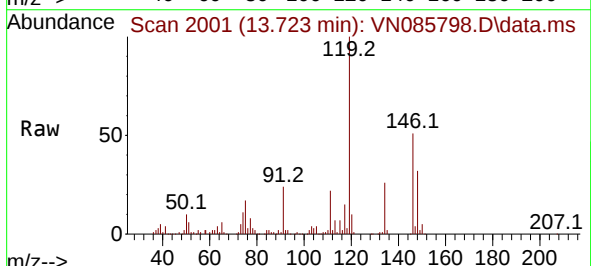
Tgt Ion:105 Resp: 276370
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

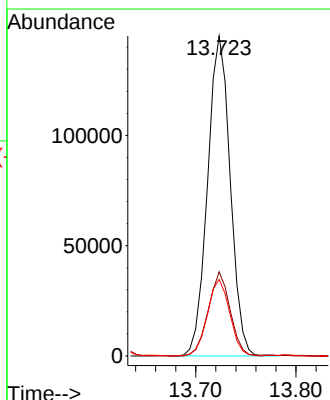
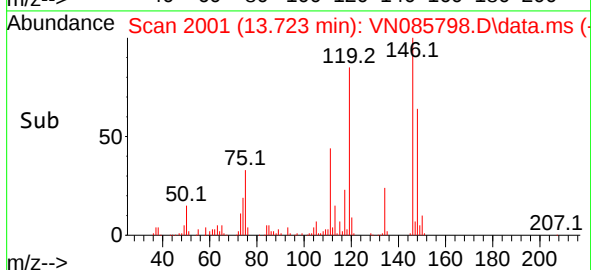
Reviewed By :John Carlone 02/21/2025
 Supervised By :Mahesh Dadoda 02/21/2025

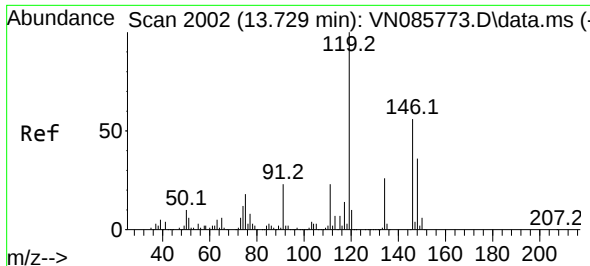


#86
 p-Isopropyltoluene
 Concen: 19.911 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085798.D
 Acq: 20 Feb 2025 14:21



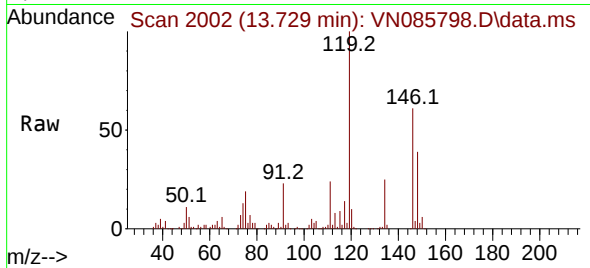
Tgt Ion:119 Resp: 227997
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 23.7 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 18.816 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

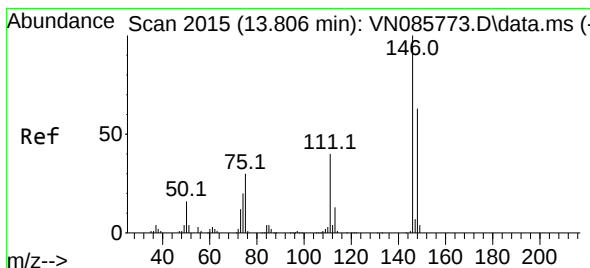
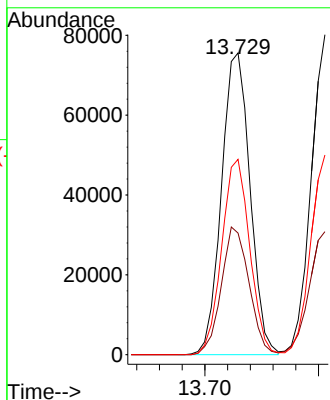
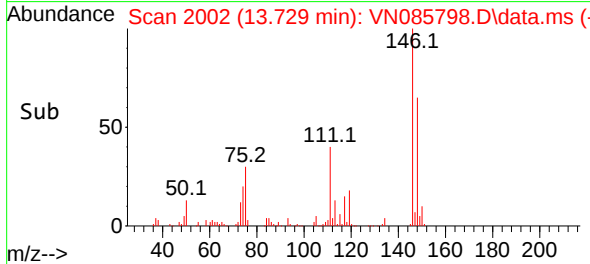
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



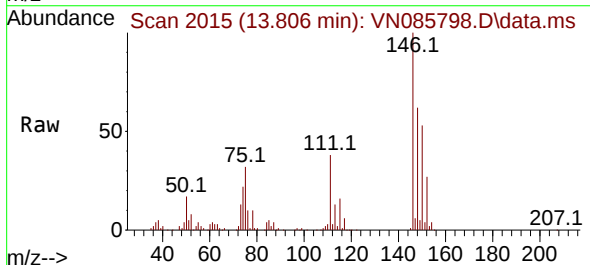
Tgt Ion:146 Resp: 131659
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

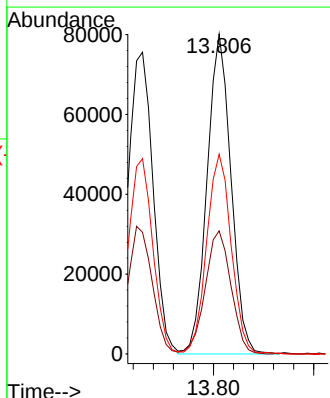
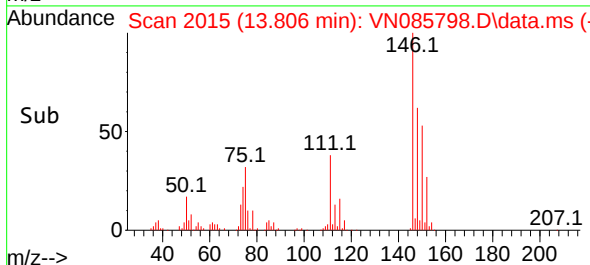
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

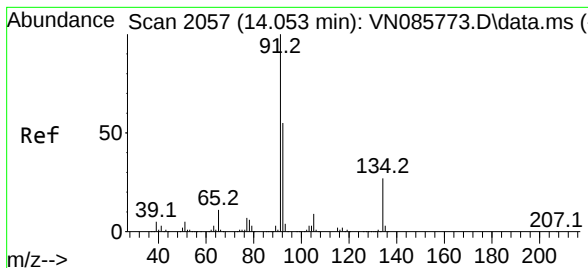


#88
1,4-Dichlorobenzene
Concen: 18.565 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



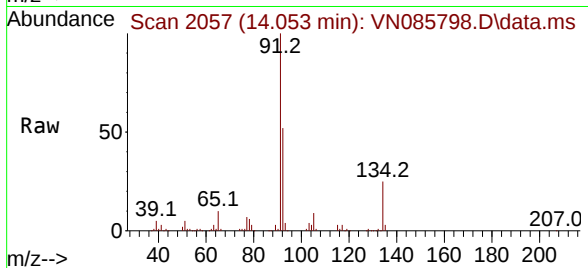
Tgt Ion:146 Resp: 133138
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 19.475 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

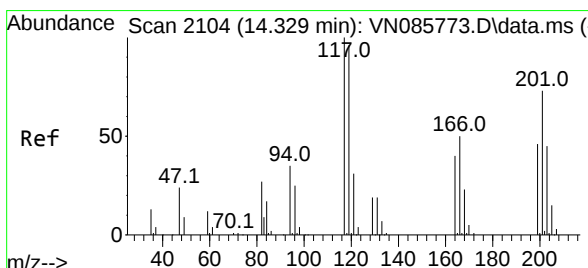
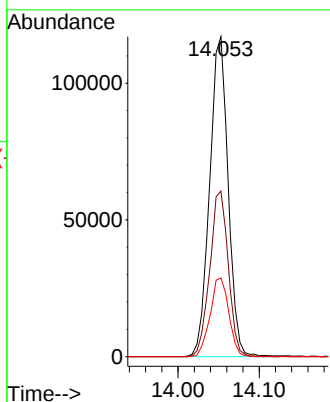
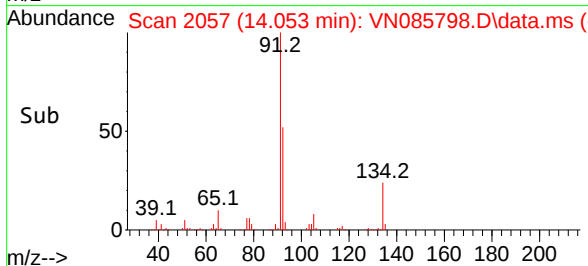
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



Tgt Ion: 91 Resp: 18499
Ion Ratio Lower Upper
91 100
92 51.7 27.1 81.3
134 24.9 12.7 38.1

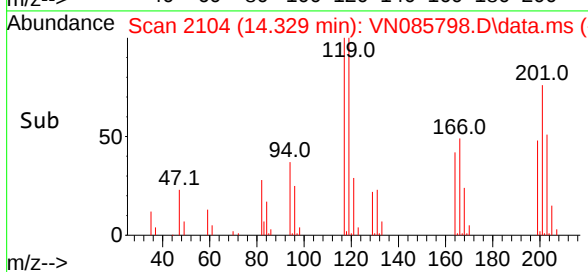
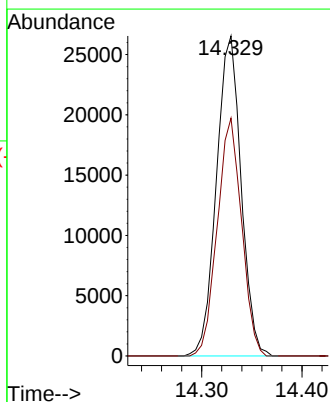
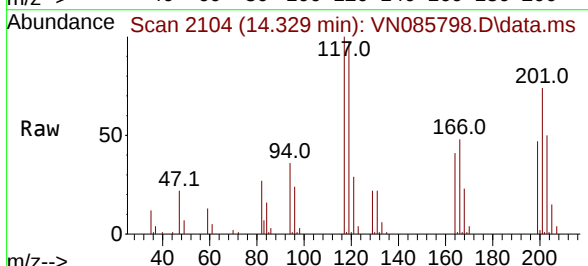
Manual Integrations
APPROVED

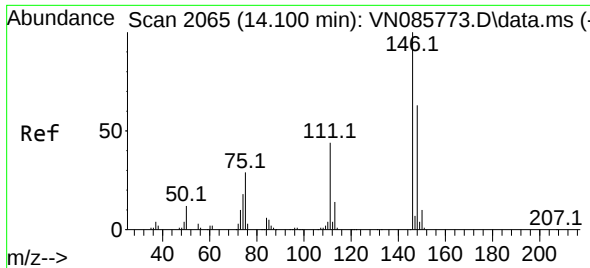
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#90
Hexachloroethane
Concen: 17.916 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

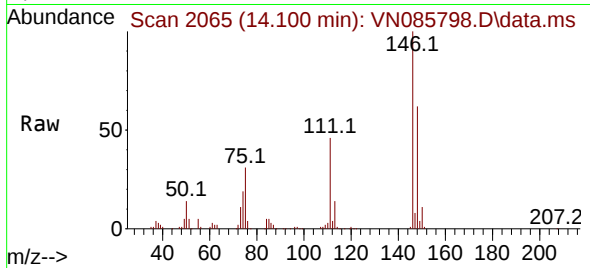
Tgt Ion:117 Resp: 45396
Ion Ratio Lower Upper
117 100
201 73.1 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 18.985 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

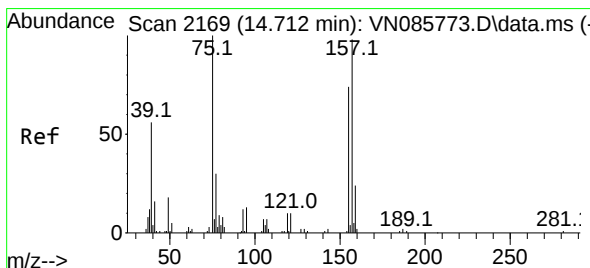
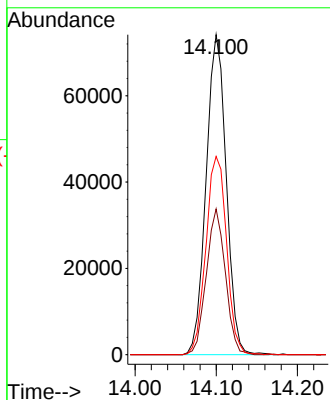
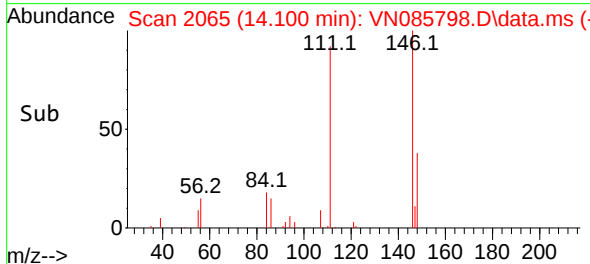
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



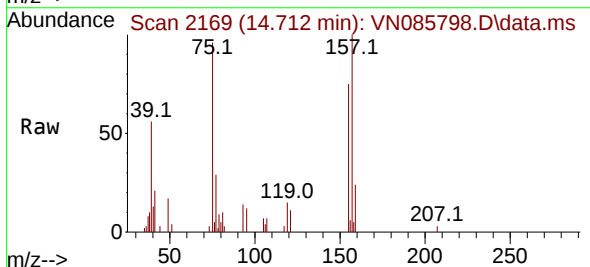
Tgt Ion:146 Resp: 127744
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 63.7 32.0 96.2

Manual Integrations
APPROVED

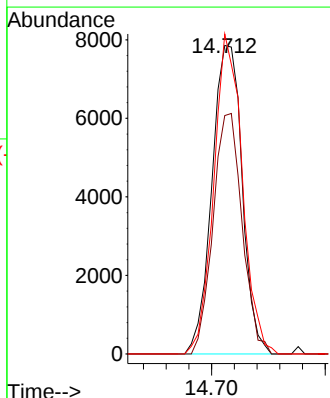
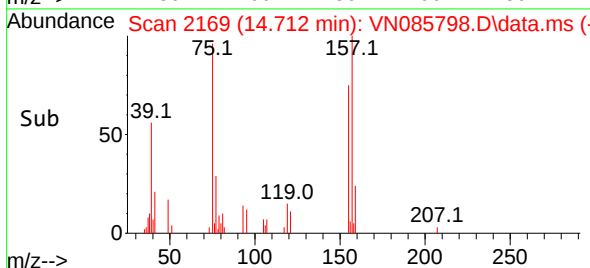
Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025

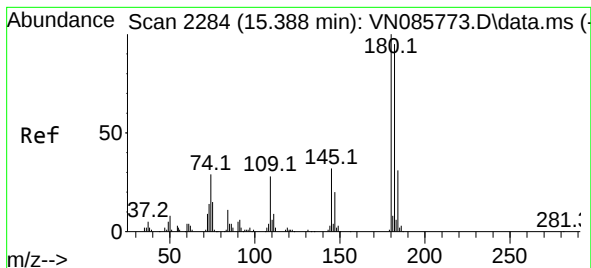


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.591 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



Tgt Ion: 75 Resp: 14492
Ion Ratio Lower Upper
75 100
155 75.3 39.9 119.6
157 97.9 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.947 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBSD01

Tgt Ion:180 Resp: 60749

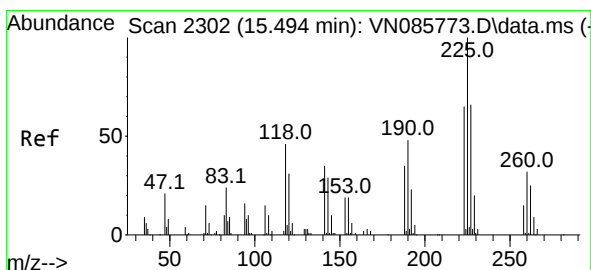
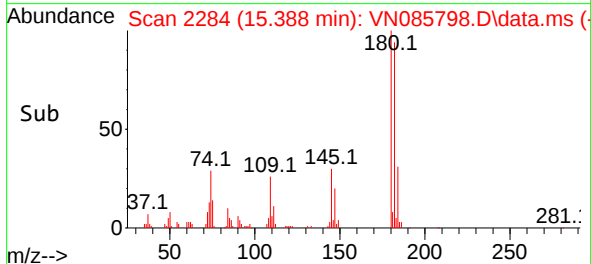
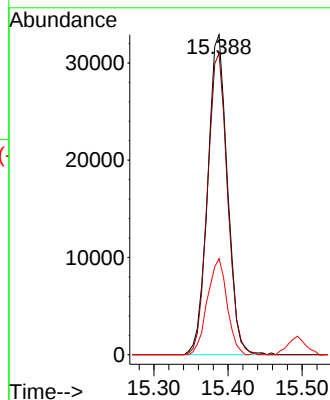
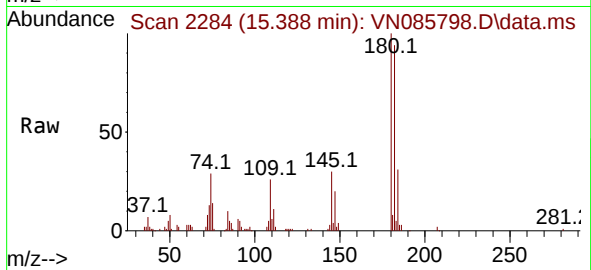
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	29.9	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2025

Supervised By :Mahesh Dadoda 02/21/2025



#94

Hexachlorobutadiene

Concen: 16.809 ug/l

RT: 15.494 min Scan# 2302

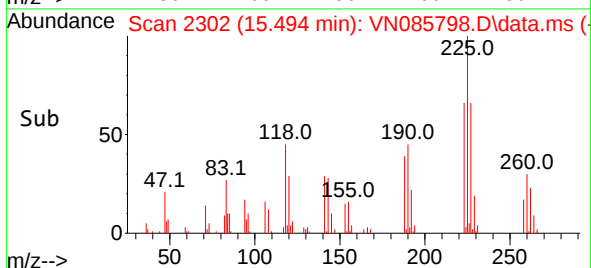
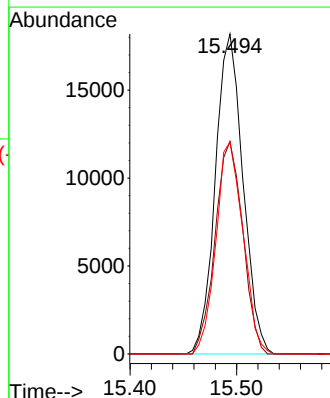
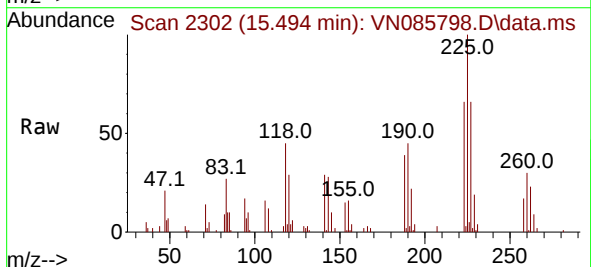
Delta R.T. -0.000 min

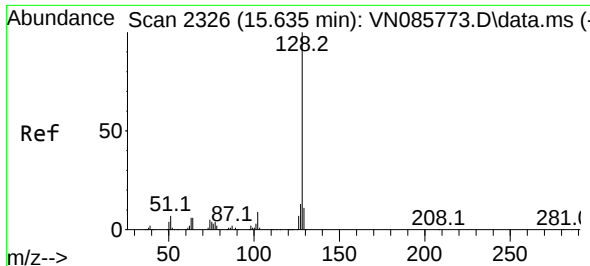
Lab File: VN085798.D

Acq: 20 Feb 2025 14:21

Tgt Ion:225 Resp: 32753

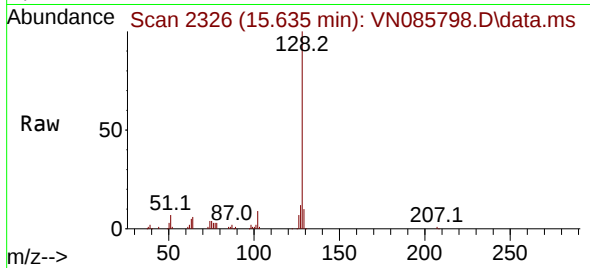
Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.9	95.5
227	64.9	32.2	96.6





#95
Naphthalene
Concen: 17.357 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21

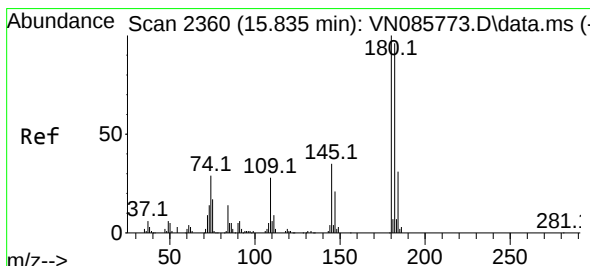
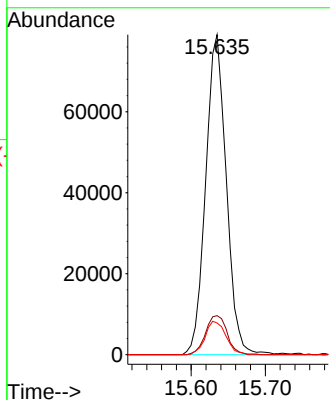
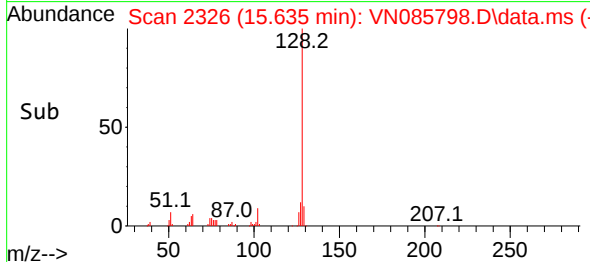
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBSD01



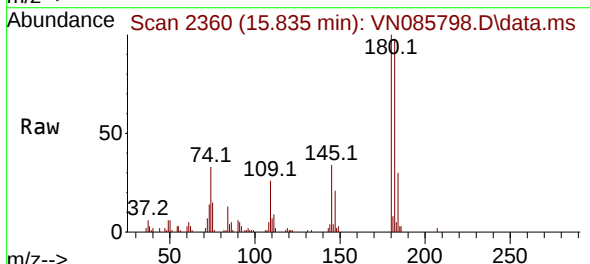
Tgt Ion:128 Resp: 15278
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2025
Supervised By :Mahesh Dadoda 02/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.832 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085798.D
Acq: 20 Feb 2025 14:21



Tgt Ion:180 Resp: 57398
Ion Ratio Lower Upper
180 100
182 98.1 47.3 141.8
145 34.1 16.9 50.6

