

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085648.D
 Acq On : 04 Feb 2025 13:38
 Operator : JC\MD
 Sample : VN0204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Quant Time: Feb 05 01:03:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	414153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194989	50.411	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.820%	
35) Dibromofluoromethane	8.165	113	159522	55.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.040%	
50) Toluene-d8	10.565	98	587536	57.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.100%#	
62) 4-Bromofluorobenzene	12.847	95	193075	55.290	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	62755	19.343	ug/l	97
3) Chloromethane	2.359	50	57638	16.408	ug/l	97
4) Vinyl Chloride	2.512	62	71117	20.142	ug/l	97
5) Bromomethane	2.953	94	44235	20.740	ug/l	97
6) Chloroethane	3.118	64	39192	17.508	ug/l	94
7) Trichlorofluoromethane	3.494	101	83150	16.230	ug/l	100
8) Diethyl Ether	3.959	74	27203	15.370	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	51211	17.747	ug/l	97
10) Methyl Iodide	4.589	142	60126	18.195	ug/l	94
11) Tert butyl alcohol	5.518	59	37579	84.846	ug/l	100
12) 1,1-Dichloroethene	4.341	96	44803	17.422	ug/l	92
13) Acrolein	4.177	56	25185	41.655	ug/l	99
14) Allyl chloride	5.024	41	57757	13.841	ug/l	95
15) Acrylonitrile	5.712	53	114792	81.597	ug/l	98
16) Acetone	4.424	43	90944	72.768	ug/l	98
17) Carbon Disulfide	4.712	76	139976	17.678	ug/l	100
18) Methyl Acetate	5.018	43	56243	14.799	ug/l	92
19) Methyl tert-butyl Ether	5.788	73	135712	16.252	ug/l	95
20) Methylene Chloride	5.277	84	52343	16.918	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	47275	17.201	ug/l	91
22) Diisopropyl ether	6.665	45	138424	14.945	ug/l	97
23) Vinyl Acetate	6.600	43	493556	76.142	ug/l	97
24) 1,1-Dichloroethane	6.571	63	90059	15.946	ug/l	98
25) 2-Butanone	7.482	43	142513	77.488	ug/l	94
26) 2,2-Dichloropropane	7.488	77	80348	17.596	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	56158	17.348	ug/l	94
28) Bromochloromethane	7.812	49	48103	18.307	ug/l	85
29) Tetrahydrofuran	7.835	42	92543	79.366	ug/l	90
30) Chloroform	7.959	83	94942	16.265	ug/l	97
31) Cyclohexane	8.253	56	75871	15.456	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	84192	16.443	ug/l	95
36) 1,1-Dichloropropene	8.371	75	66806	16.567	ug/l	98
37) Ethyl Acetate	7.559	43	57674	14.170	ug/l	# 95
38) Carbon Tetrachloride	8.359	117	75019	16.250	ug/l	97
39) Methylcyclohexane	9.600	83	64863	17.117	ug/l	98
40) Benzene	8.606	78	210366	17.362	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30002	14.168	ug/l	92
42) 1,2-Dichloroethane	8.671	62	69180	15.160	ug/l	97
43) Isopropyl Acetate	8.688	43	106280	16.296	ug/l	99
44) Trichloroethene	9.347	130	47844	16.964	ug/l	99
45) 1,2-Dichloropropane	9.618	63	48607	15.706	ug/l	96
46) Dibromomethane	9.706	93	36282	16.247	ug/l	96
47) Bromodichloromethane	9.888	83	74675	16.414	ug/l	96
48) Methyl methacrylate	9.682	41	42964	14.638	ug/l	88
49) 1,4-Dioxane	9.694	88	16598	335.822	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	302031	79.806	ug/l	94
52) Toluene	10.629	92	127757	18.198	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	72098	16.769	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78886	17.177	ug/l #	89
55) 1,1,2-Trichloroethane	11.012	97	49739	17.903	ug/l	98
56) Ethyl methacrylate	10.870	69	67241	15.743	ug/l	92
57) 1,3-Dichloropropane	11.159	76	81196	16.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	127513	72.323	ug/l	97
59) 2-Hexanone	11.194	43	217881	81.820	ug/l	94
60) Dibromochloromethane	11.359	129	55739	16.618	ug/l	97
61) 1,2-Dibromoethane	11.470	107	47895	17.318	ug/l	99
64) Tetrachloroethene	11.100	164	44685	18.031	ug/l	97
65) Chlorobenzene	11.888	112	140183	17.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	47641	16.300	ug/l	97
67) Ethyl Benzene	11.965	91	224640	17.319	ug/l	98
68) m/p-Xylenes	12.070	106	178133	37.160	ug/l	94
69) o-Xylene	12.400	106	81892	17.876	ug/l	95
70) Styrene	12.412	104	139717	18.428	ug/l	96
71) Bromoform	12.576	173	36188	17.304	ug/l #	99
73) Isopropylbenzene	12.694	105	203862	17.548	ug/l	100
74) N-amyl acetate	12.494	43	78413	15.016	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	70155	17.095	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	88046	25.166	ug/l	44
77) Bromobenzene	12.976	156	52063	17.153	ug/l	96
78) n-propylbenzene	13.035	91	244603	17.785	ug/l	98
79) 2-Chlorotoluene	13.123	91	151553	17.026	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	170197	17.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23976	18.541	ug/l #	81
82) 4-Chlorotoluene	13.223	91	153459	17.315	ug/l	95
83) tert-Butylbenzene	13.435	119	139941	17.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	170742	17.852	ug/l	97
85) sec-Butylbenzene	13.611	105	197340	17.669	ug/l	100
86) p-Isopropyltoluene	13.729	119	162692	17.592	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	94164	16.846	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	96076	16.582	ug/l	98
89) n-Butylbenzene	14.059	91	130982	16.347	ug/l	99
90) Hexachloroethane	14.329	117	34840	16.386	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	91540	16.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12950	17.281	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	42273	16.313	ug/l	97
94) Hexachlorobutadiene	15.500	225	20375	14.810	ug/l	94
95) Naphthalene	15.641	128	122511	15.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41321	15.759	ug/l	99

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ClientSampleId :
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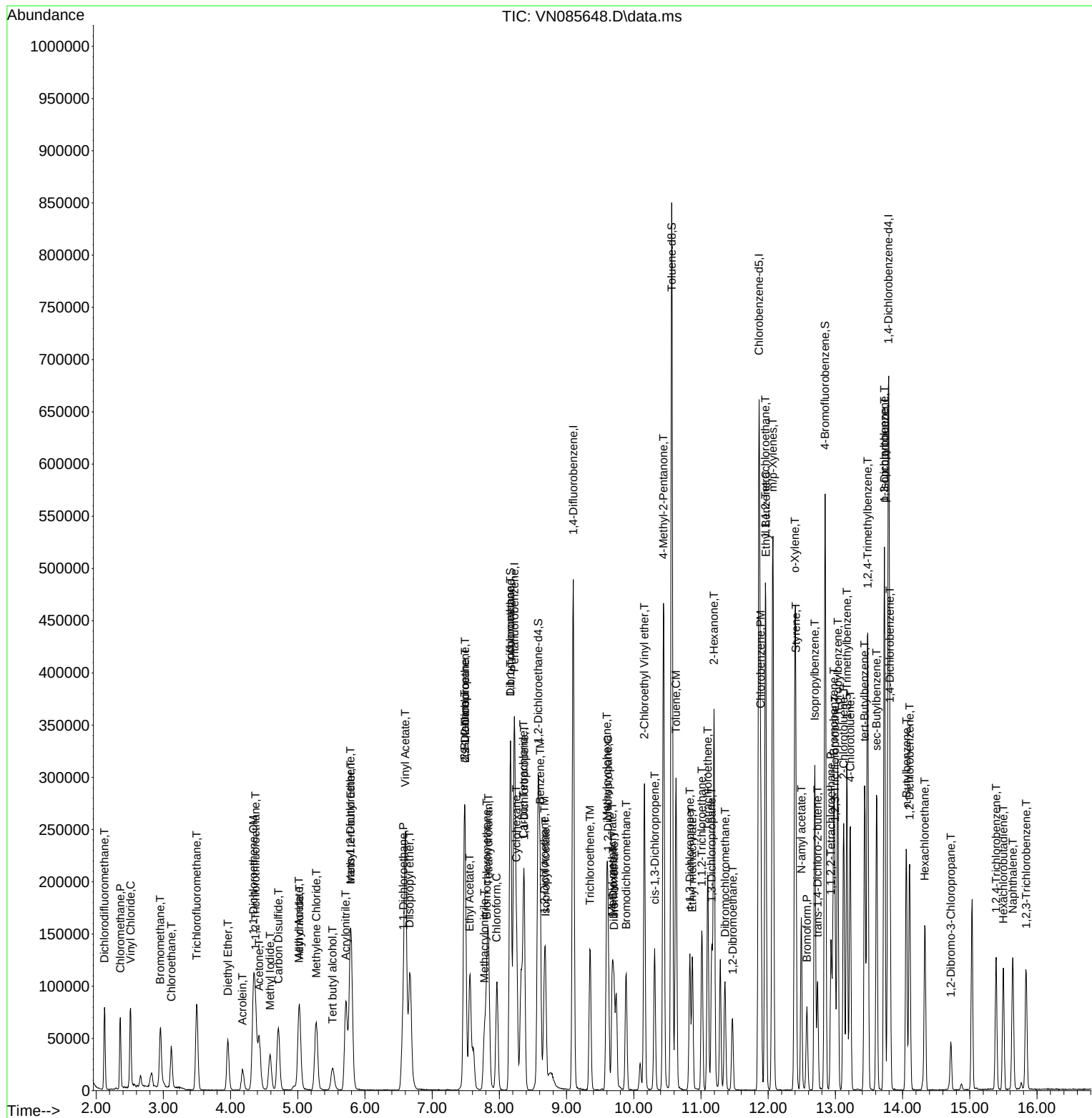
Quant Time: Feb 05 01:03:12 2025
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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

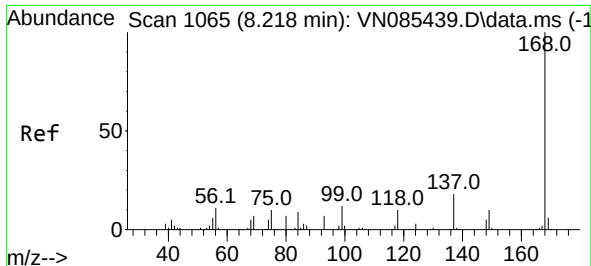
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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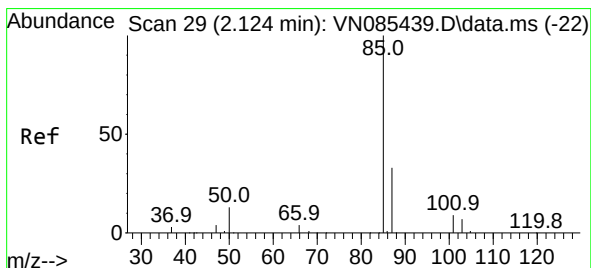
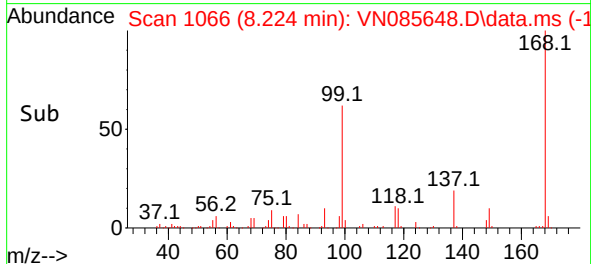
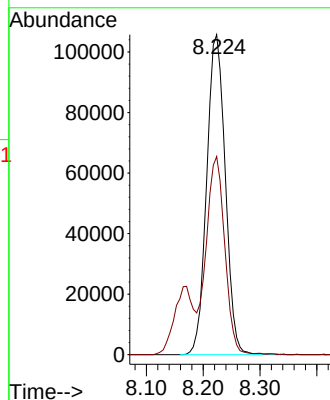
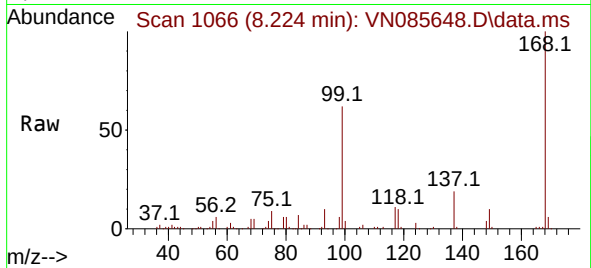




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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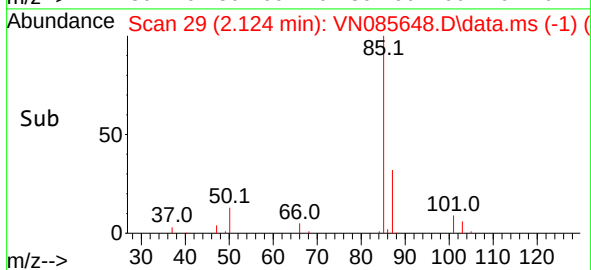
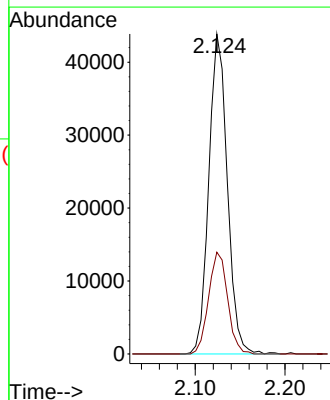
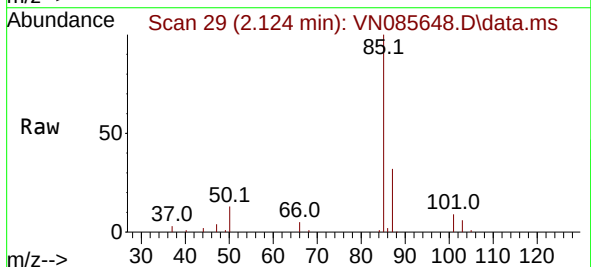
Instrument :
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VN0204WBS01

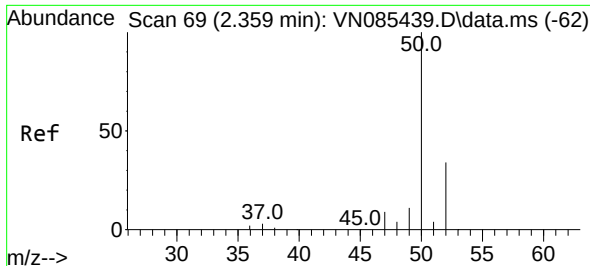
Tgt Ion:168 Resp: 239621
Ion Ratio Lower Upper
168 100
99 61.7 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 19.343 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 85 Resp: 62755
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1

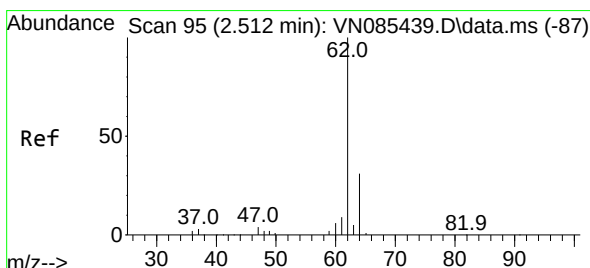
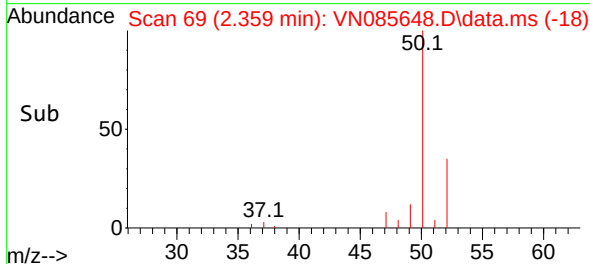
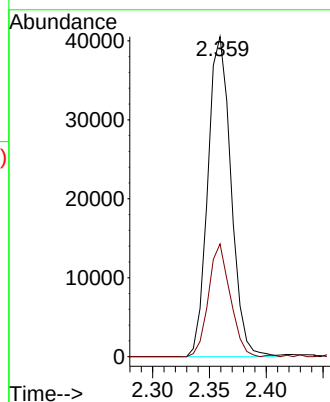
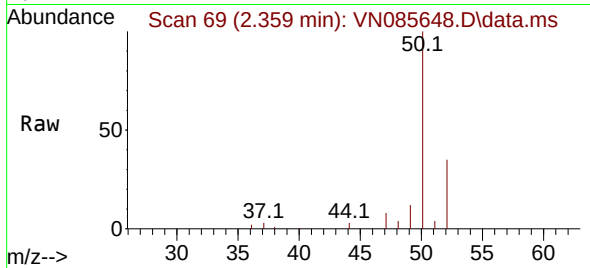




#3
Chloromethane
Concen: 16.408 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

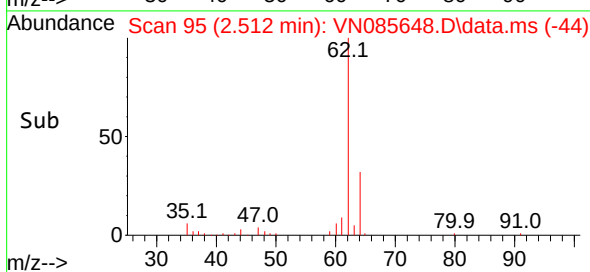
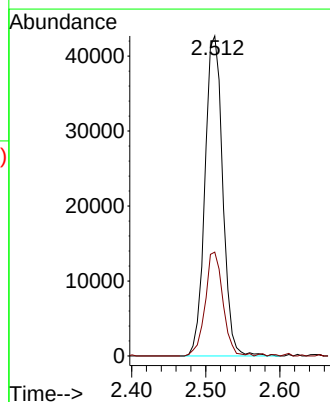
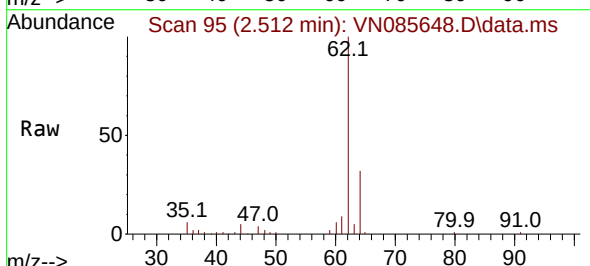
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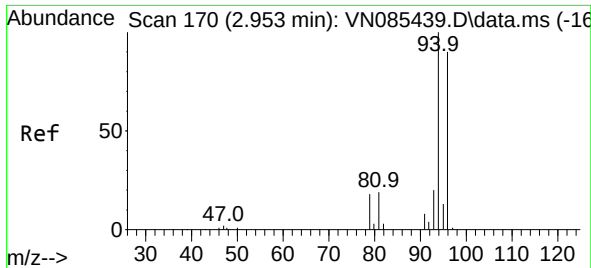
Tgt Ion: 50 Resp: 57638
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.6



#4
Vinyl Chloride
Concen: 20.142 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 62 Resp: 71117
Ion Ratio Lower Upper
62 100
64 32.5 24.8 37.2

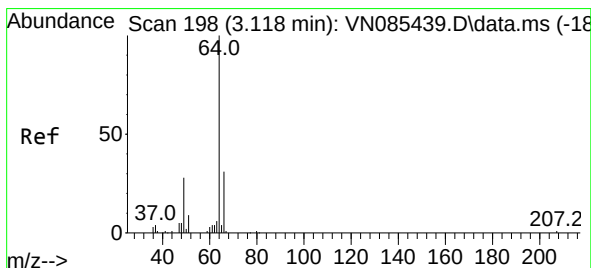
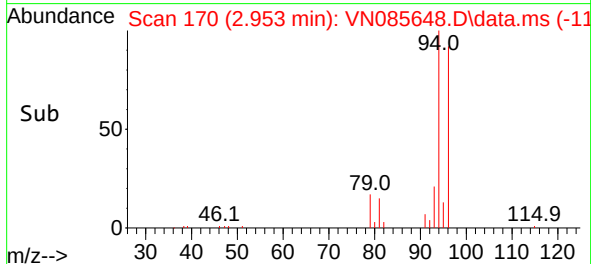
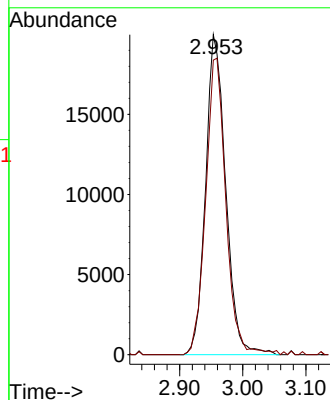
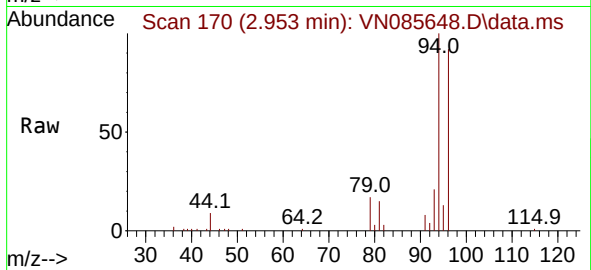




#5
Bromomethane
Concen: 20.740 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

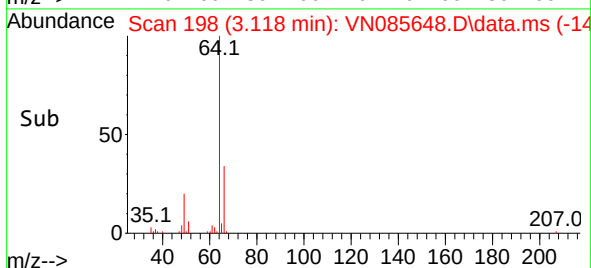
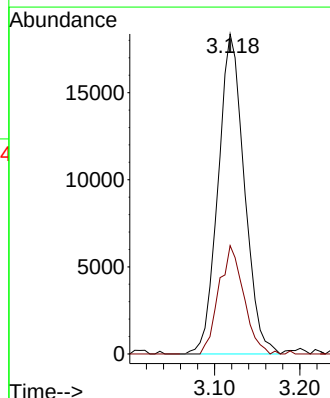
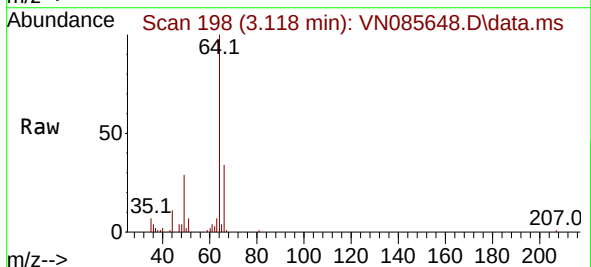
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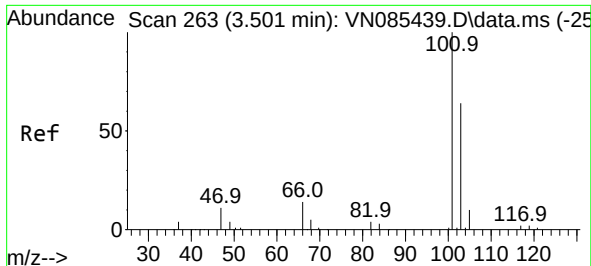
Tgt Ion: 94 Resp: 44235
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6



#6
Chloroethane
Concen: 17.508 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 64 Resp: 39192
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8

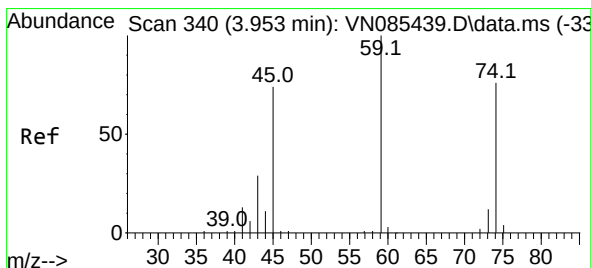
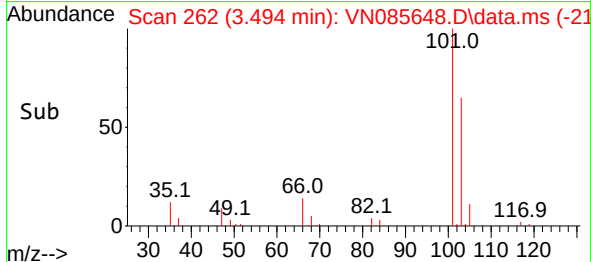
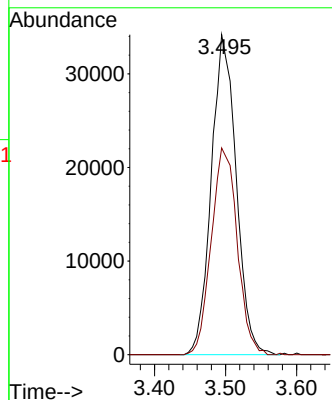
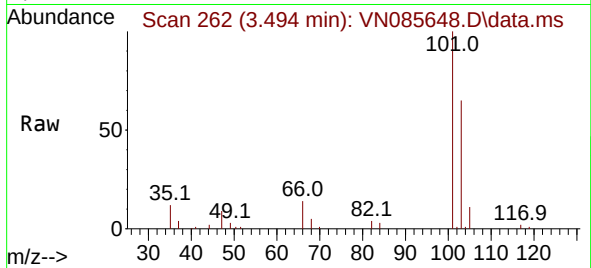




#7
Trichlorofluoromethane
Concen: 16.230 ug/l
RT: 3.494 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN085648.D
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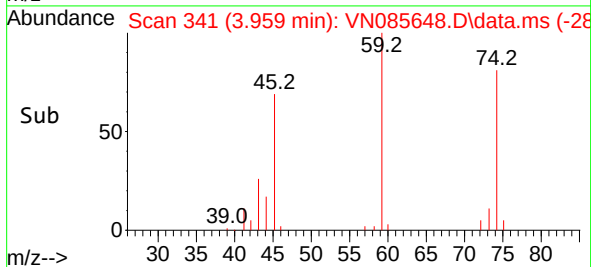
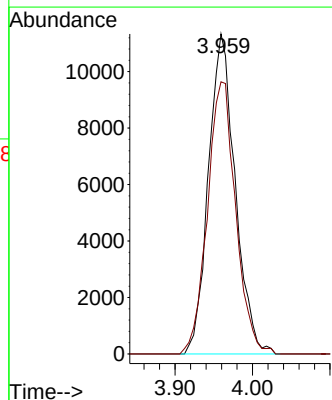
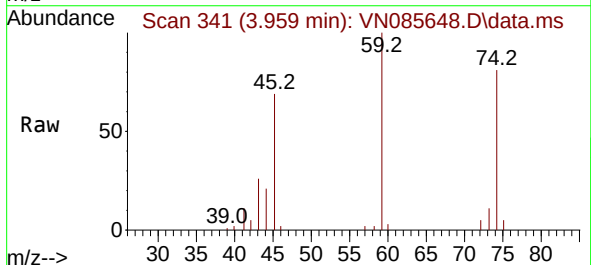
Instrument :
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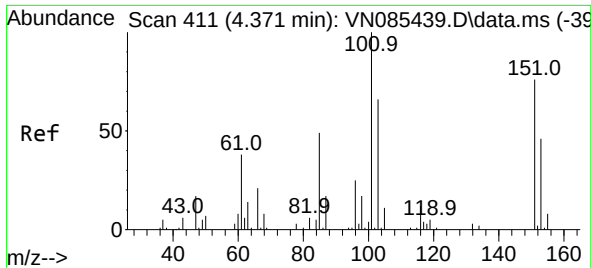
Tgt Ion:101 Resp: 83150
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2



#8
Diethyl Ether
Concen: 15.370 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085648.D
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Tgt Ion: 74 Resp: 27203
Ion Ratio Lower Upper
74 100
45 89.7 49.7 149.1

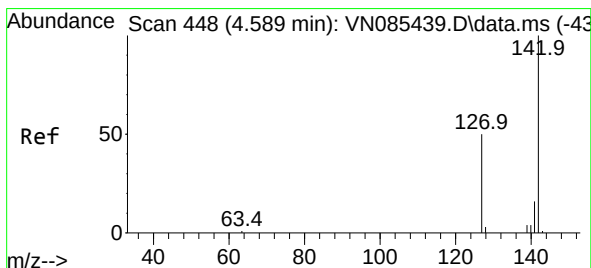
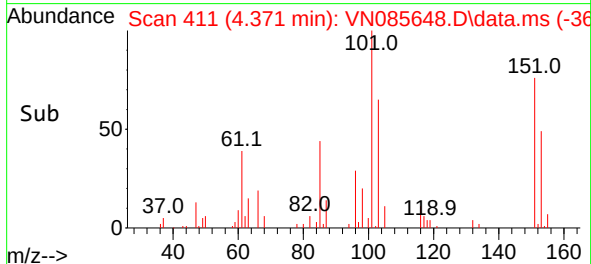
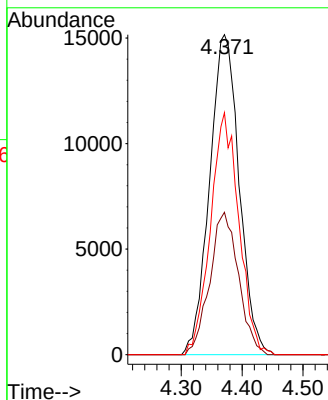
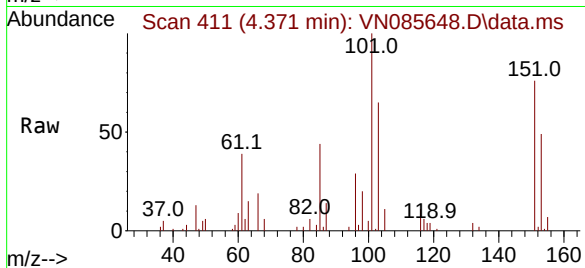




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.747 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

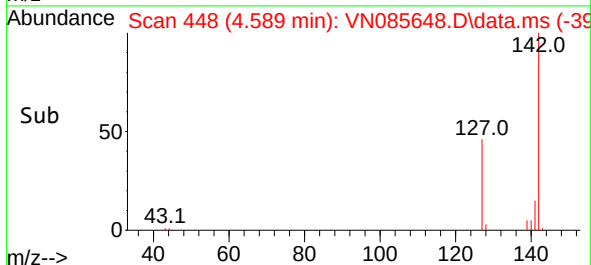
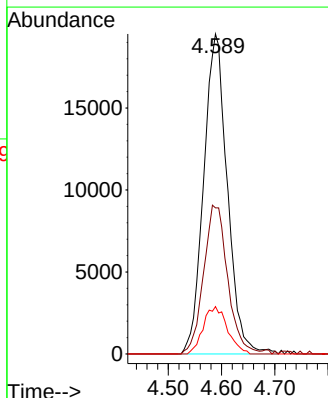
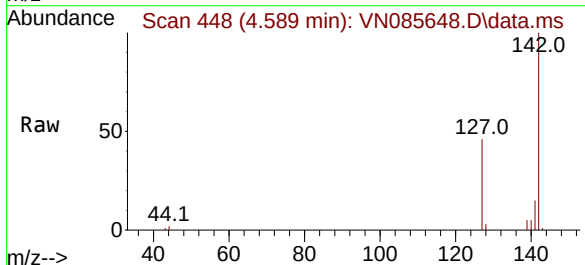
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

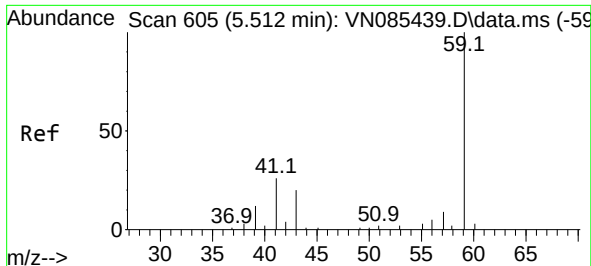
Tgt Ion:101 Resp: 51211
Ion Ratio Lower Upper
101 100
85 43.2 37.8 56.8
151 72.4 58.8 88.2



#10
Methyl Iodide
Concen: 18.195 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:142 Resp: 60126
Ion Ratio Lower Upper
142 100
127 45.6 40.3 60.5
141 14.8 12.8 19.2

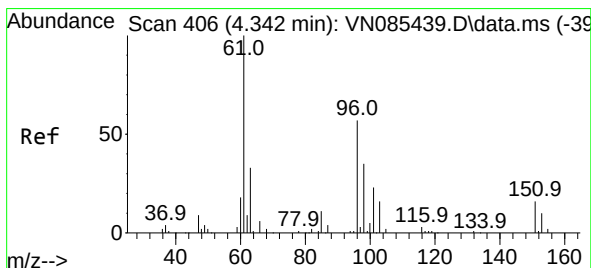
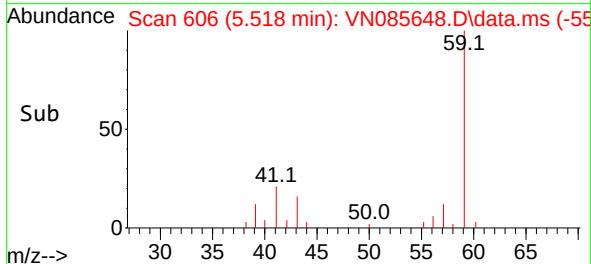
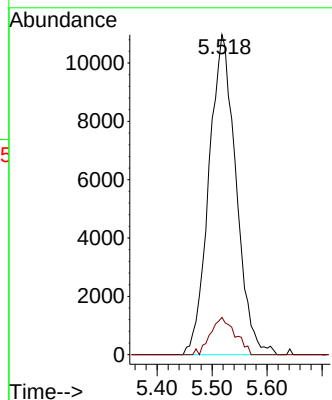
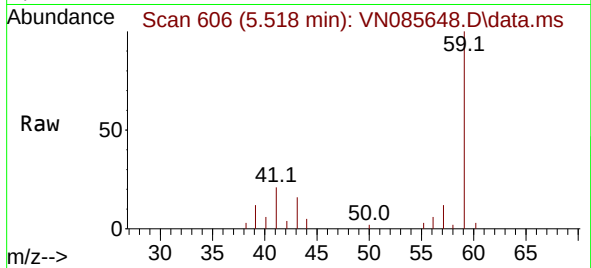




#11
Tert butyl alcohol
Concen: 84.846 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

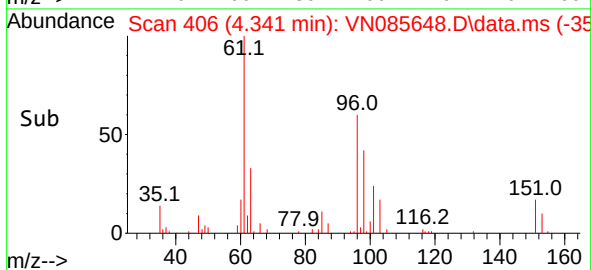
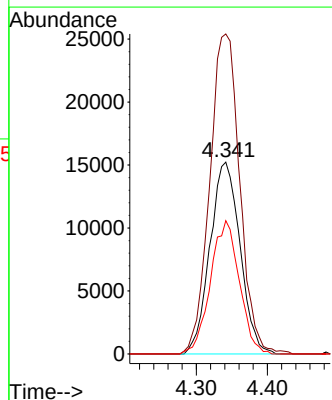
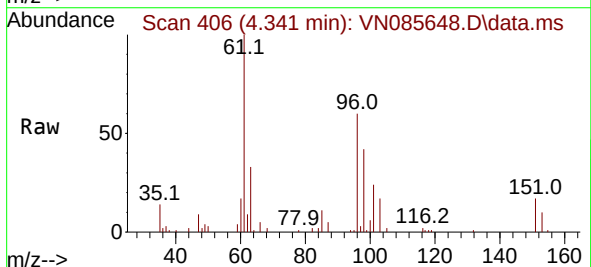
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

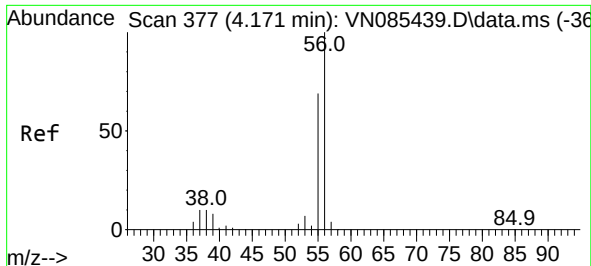
Tgt Ion: 59 Resp: 37579
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 17.422 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 96 Resp: 44803
Ion Ratio Lower Upper
96 100
61 166.8 141.0 211.4
98 69.5 49.0 73.6

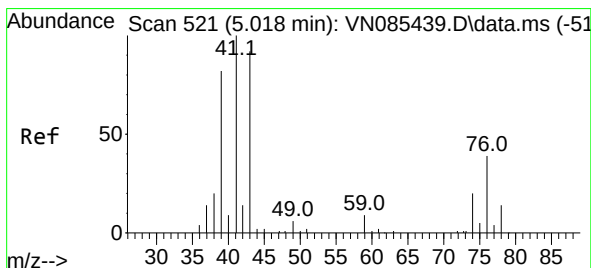
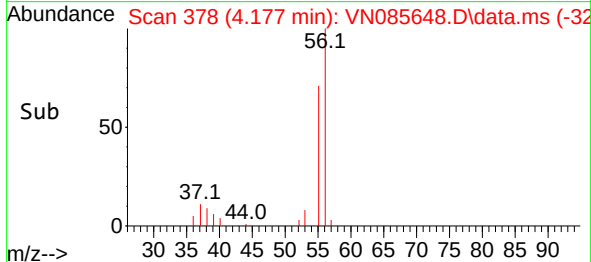
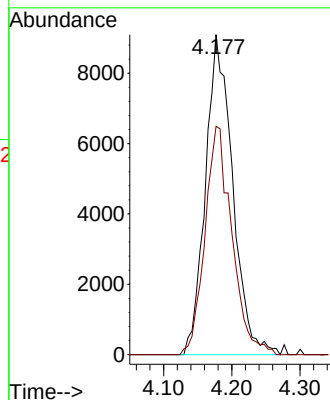
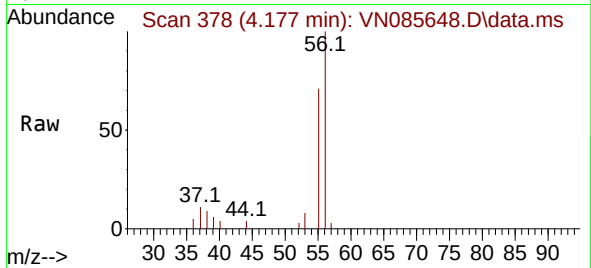




#13
Acrolein
Concen: 41.655 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

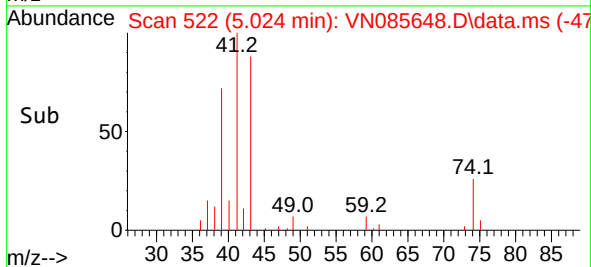
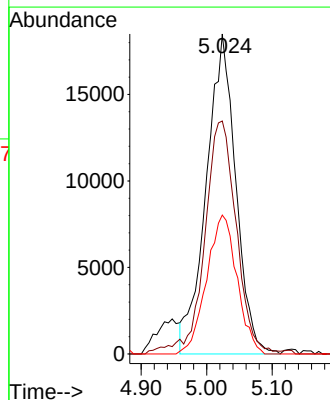
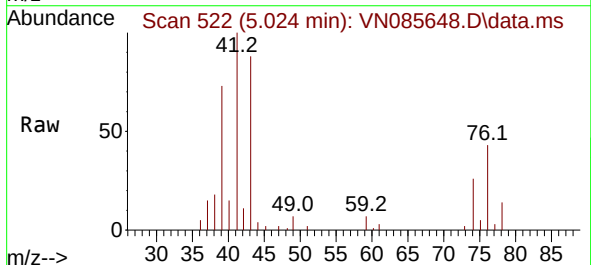
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

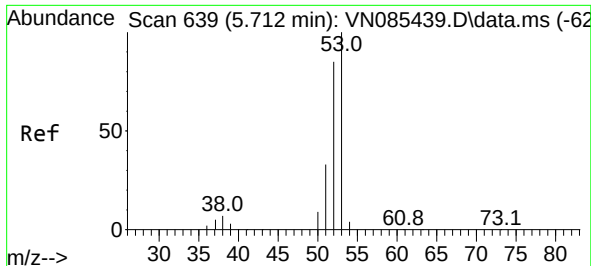
Tgt Ion: 56 Resp: 25185
Ion Ratio Lower Upper
56 100
55 70.8 56.3 84.5



#14
Allyl chloride
Concen: 13.841 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 41 Resp: 57757
Ion Ratio Lower Upper
41 100
39 78.1 64.4 96.6
76 44.6 30.5 45.7

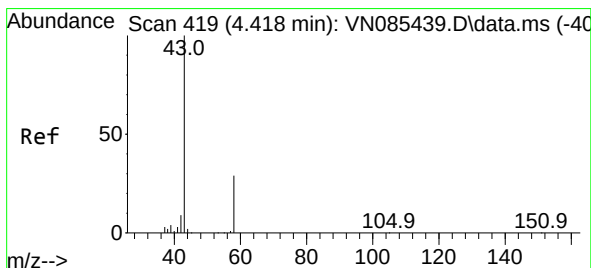
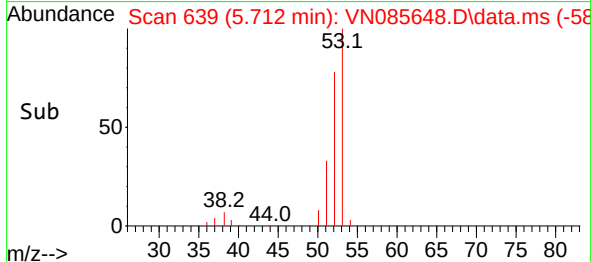
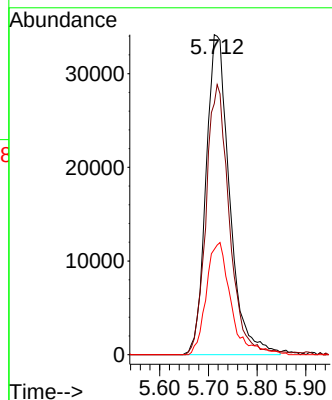
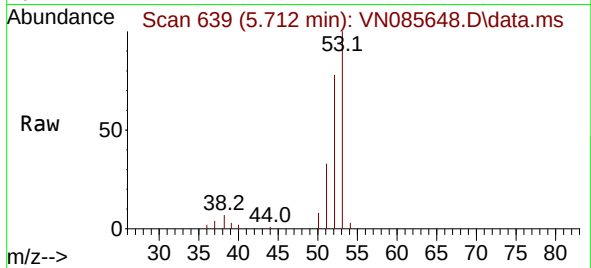




#15
Acrylonitrile
Concen: 81.597 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

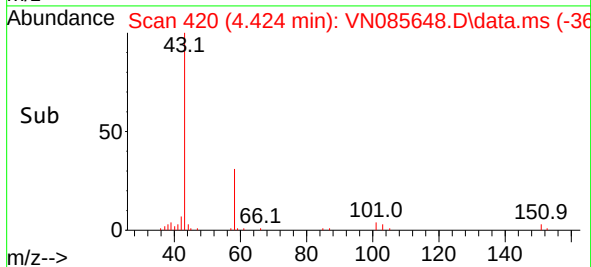
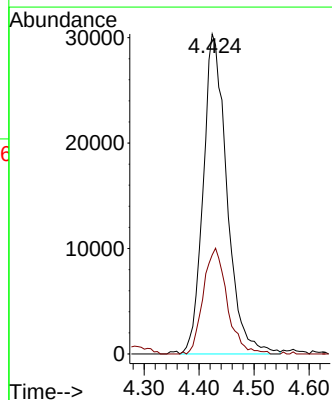
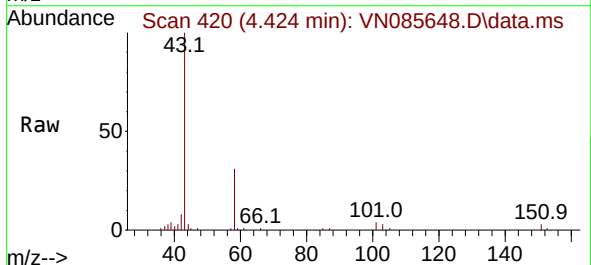
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

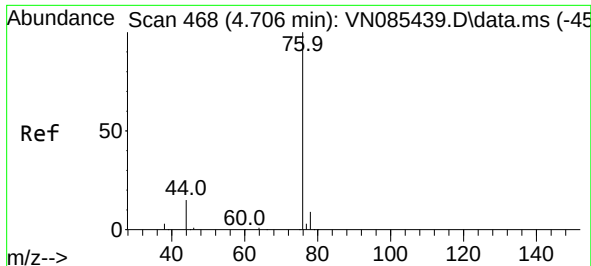
Tgt Ion:	53	Resp:	114792
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.5	98.3
51	36.8	29.8	44.8



#16
Acetone
Concen: 72.768 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:	43	Resp:	90944
Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.8	35.6

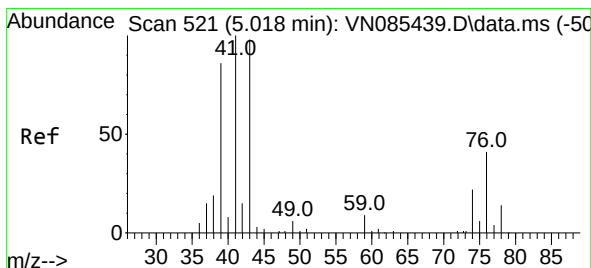
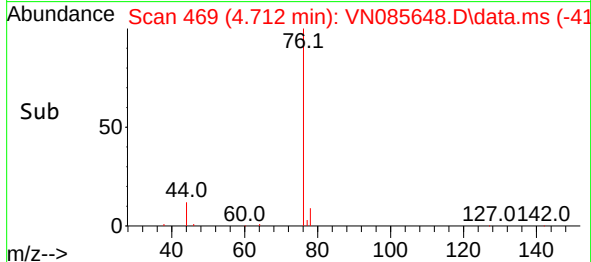
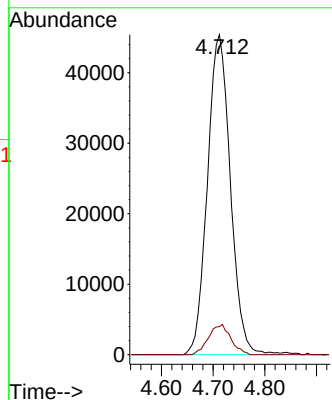
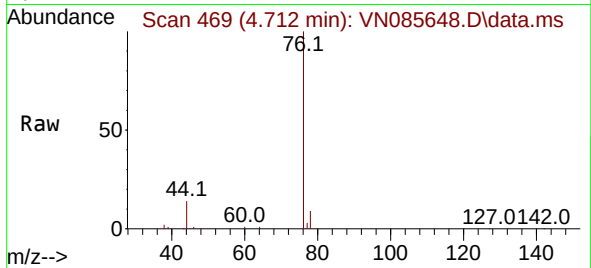




#17
Carbon Disulfide
Concen: 17.678 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

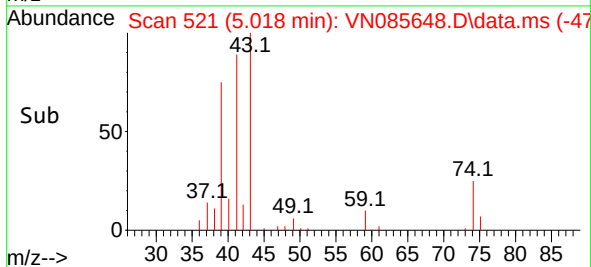
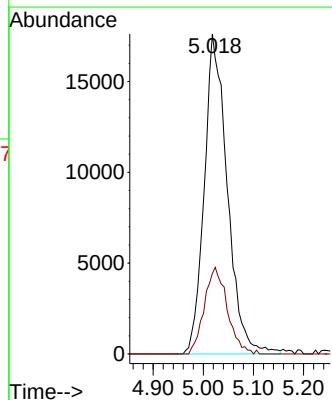
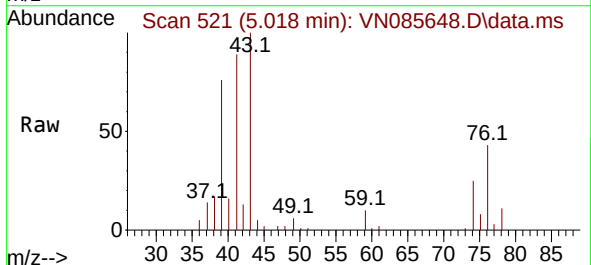
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

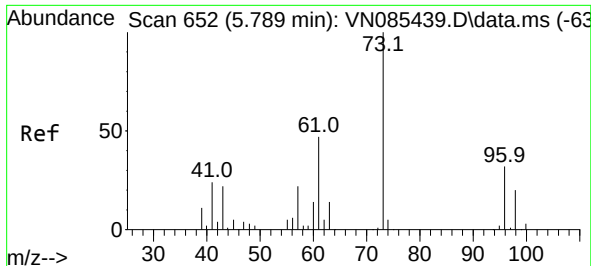
Tgt Ion: 76 Resp: 139976
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 14.799 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 43 Resp: 56243
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0

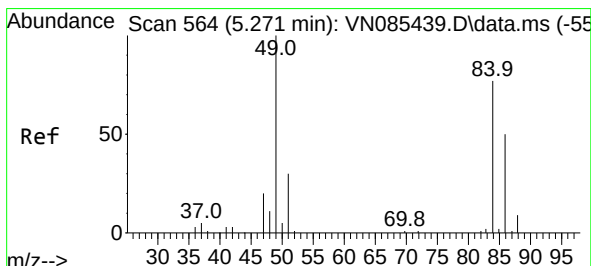
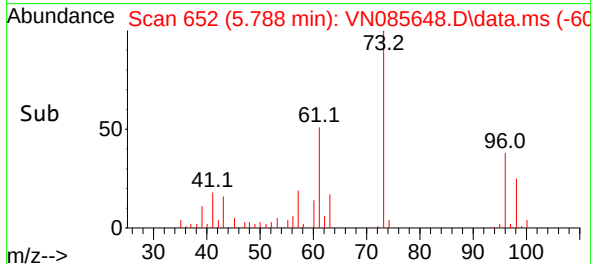
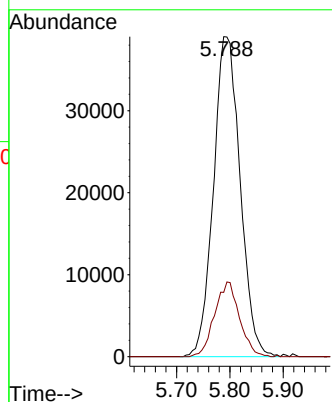
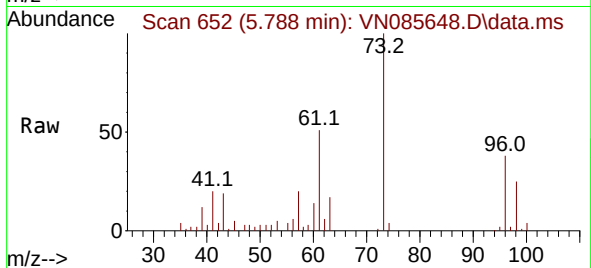




#19
Methyl tert-butyl Ether
Concen: 16.252 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

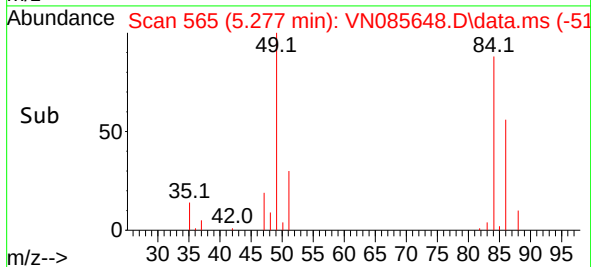
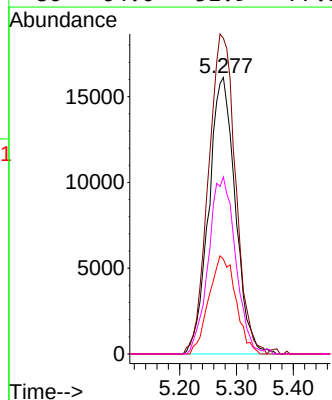
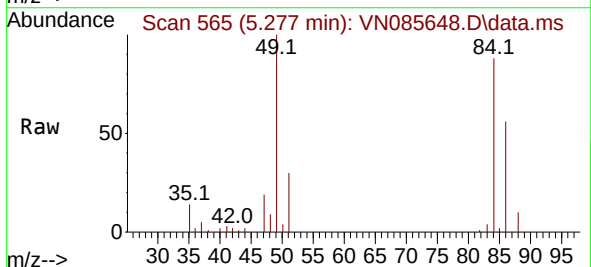
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

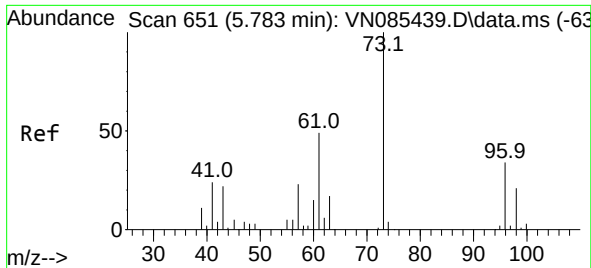
Tgt Ion: 73 Resp: 135712
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.8



#20
Methylene Chloride
Concen: 16.918 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 84 Resp: 52343
Ion Ratio Lower Upper
84 100
49 114.2 104.1 156.1
51 34.3 31.0 46.4
86 64.0 51.9 77.9

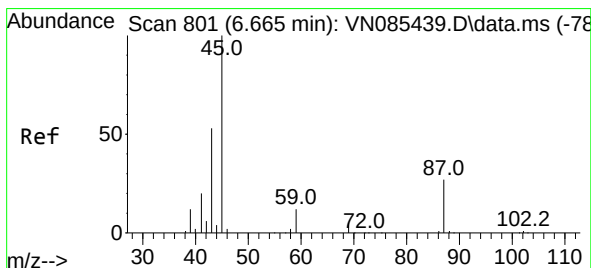
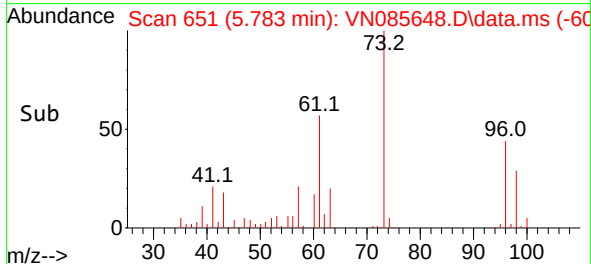
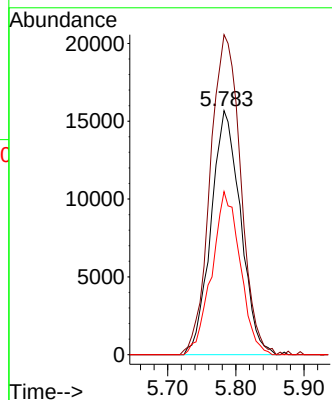
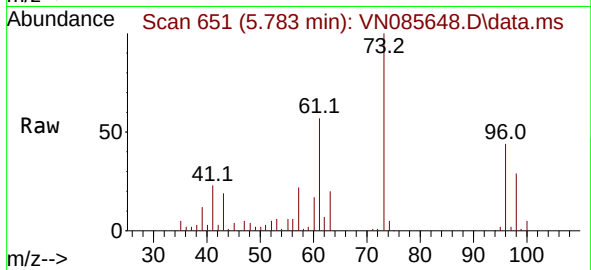




#21
 trans-1,2-Dichloroethene
 Concen: 17.201 ug/l
 RT: 5.783 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

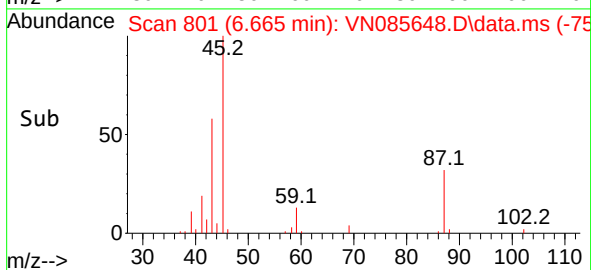
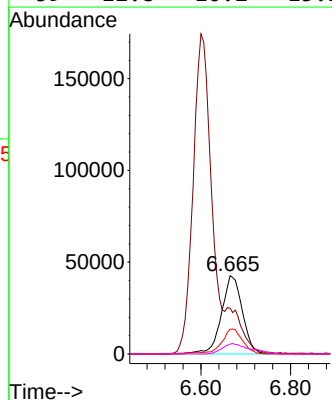
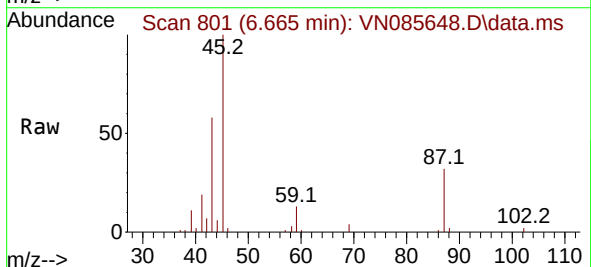
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

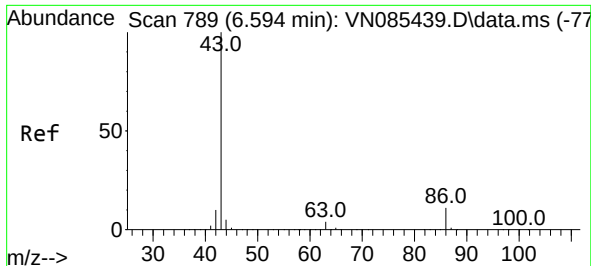
Tgt Ion: 96 Resp: 47275
 Ion Ratio Lower Upper
 96 100
 61 131.2 115.7 173.5
 98 66.9 49.8 74.8



#22
 Diisopropyl ether
 Concen: 14.945 ug/l
 RT: 6.665 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion: 45 Resp: 138424
 Ion Ratio Lower Upper
 45 100
 43 56.5 45.0 67.6
 87 31.6 21.8 32.8
 59 12.8 10.2 15.2

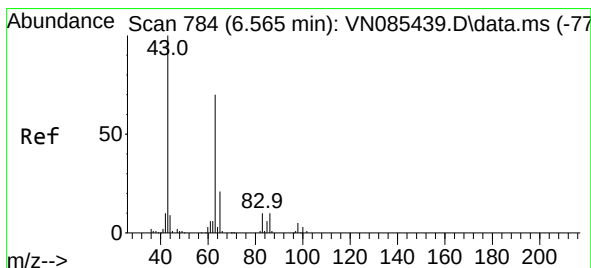
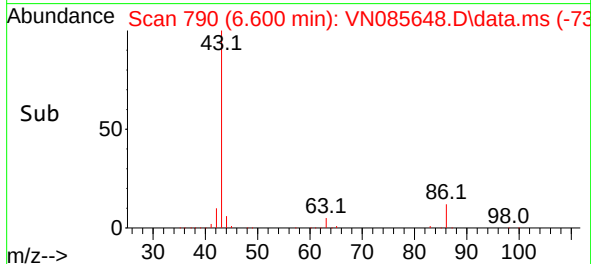
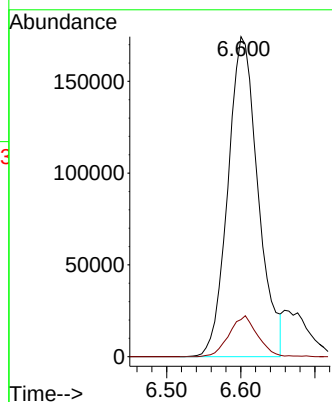
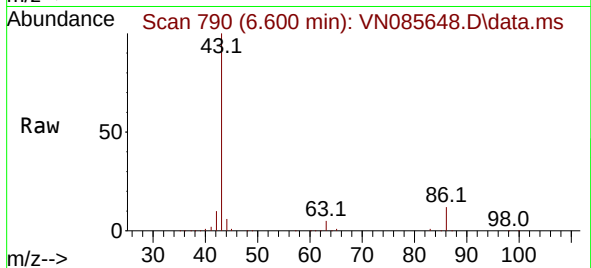




#23
 Vinyl Acetate
 Concen: 76.142 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

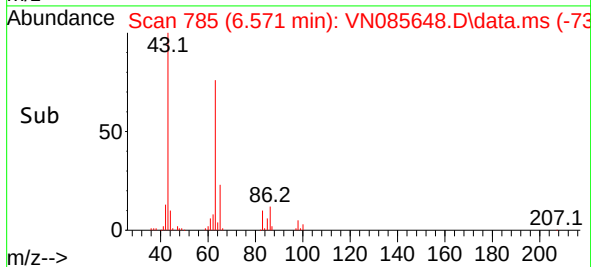
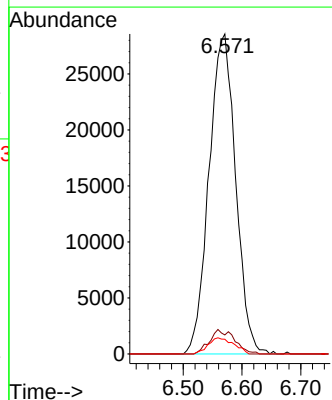
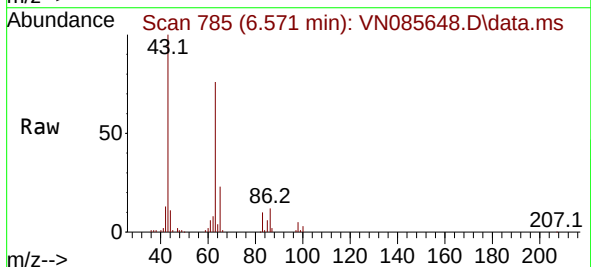
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

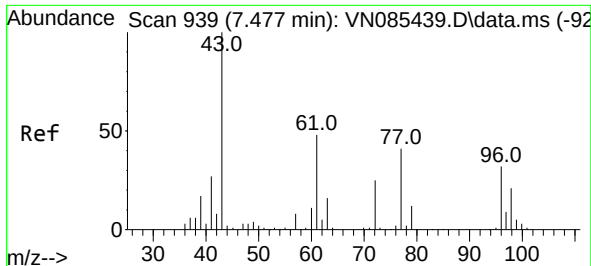
Tgt Ion: 43 Resp: 493556
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 15.946 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion: 63 Resp: 90059
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.6 2.0 6.0

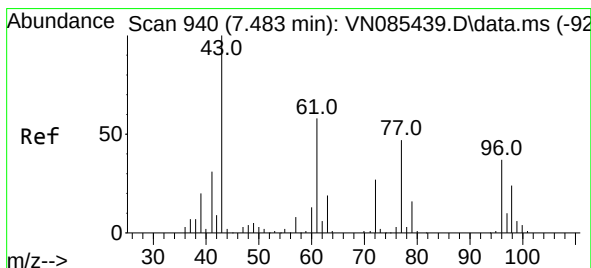
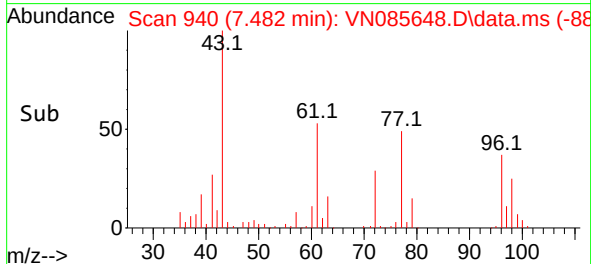
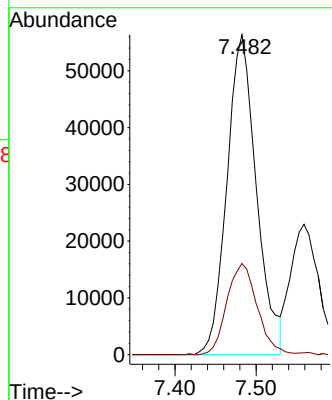
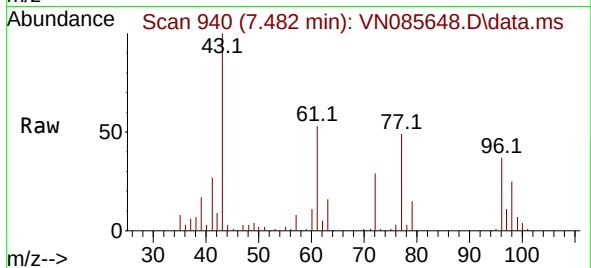




#25
2-Butanone
Concen: 77.488 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

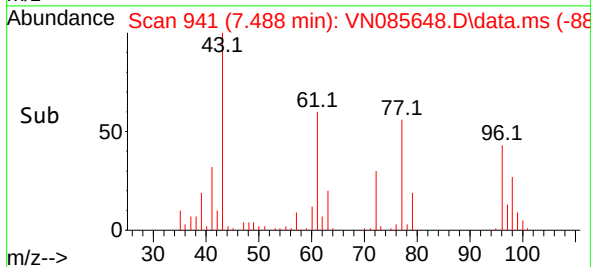
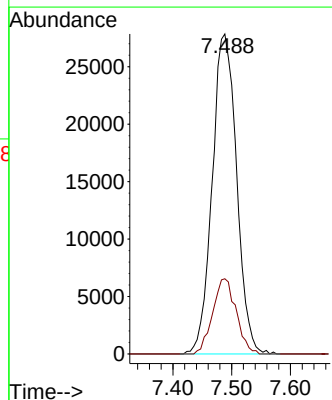
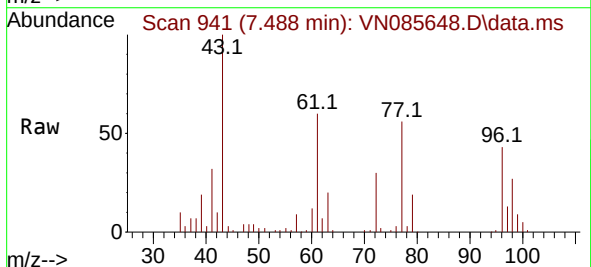
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

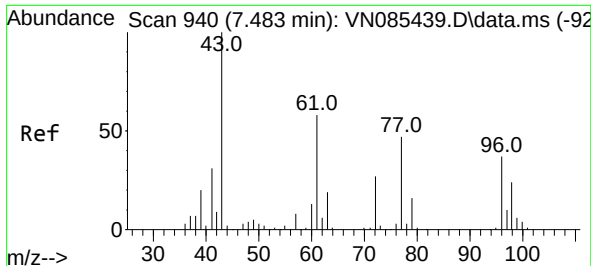
Tgt Ion: 43 Resp: 142513
Ion Ratio Lower Upper
43 100
72 28.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 17.596 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 77 Resp: 80348
Ion Ratio Lower Upper
77 100
97 22.6 10.7 32.1

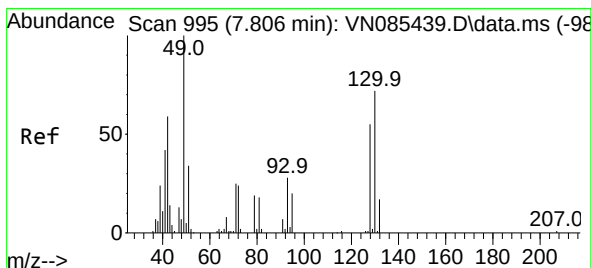
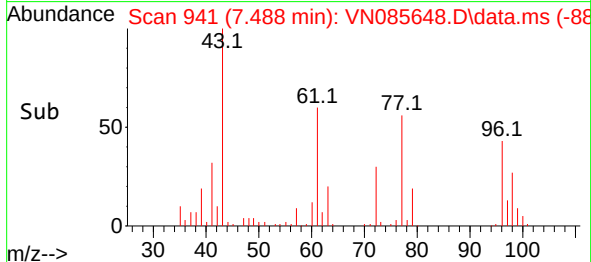
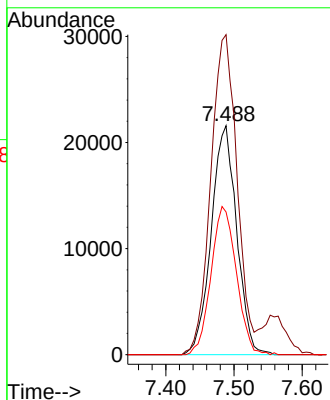
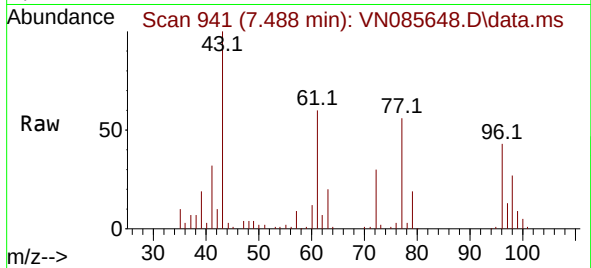




#27
 cis-1,2-Dichloroethene
 Concen: 17.348 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

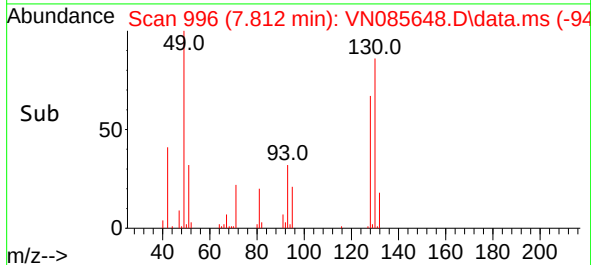
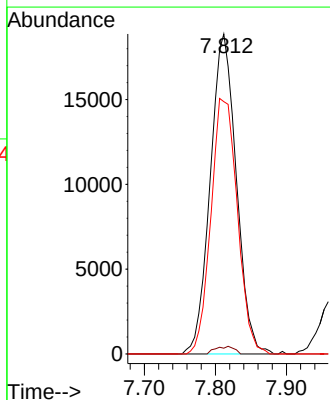
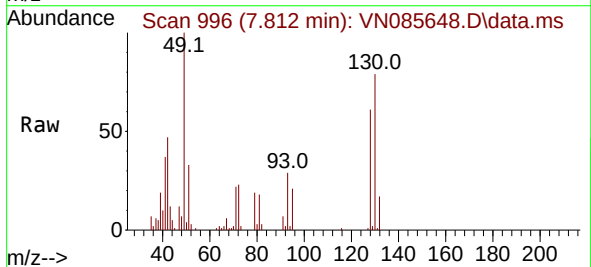
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

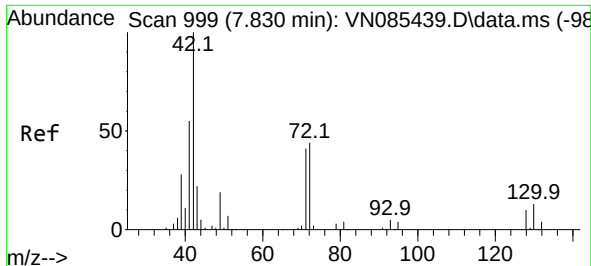
Tgt Ion: 96 Resp: 56158
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 311.8
 98 64.5 0.0 126.0



#28
 Bromochloromethane
 Concen: 18.307 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion: 49 Resp: 48103
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 81.0 55.0 82.4





#29

Tetrahydrofuran

Concen: 79.366 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

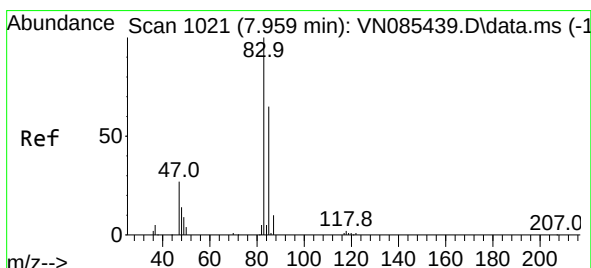
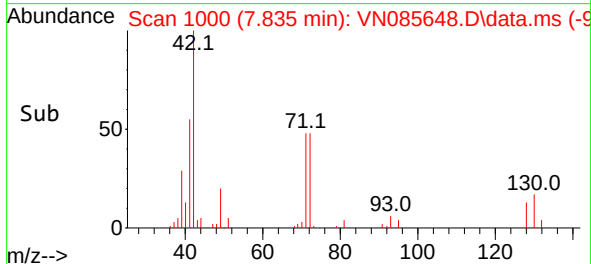
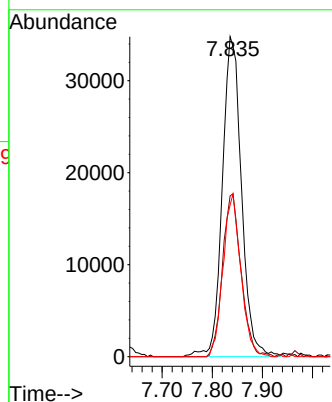
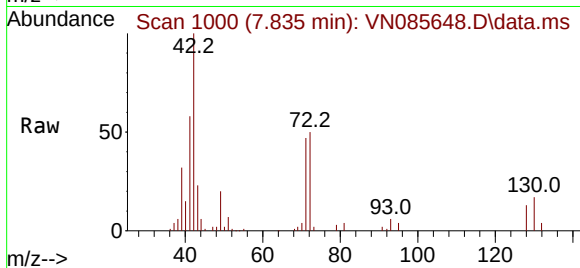
Tgt Ion: 42 Resp: 92543

Ion Ratio Lower Upper

42 100

72 49.2 34.2 51.2

71 47.1 32.5 48.7



#30

Chloroform

Concen: 16.265 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085648.D

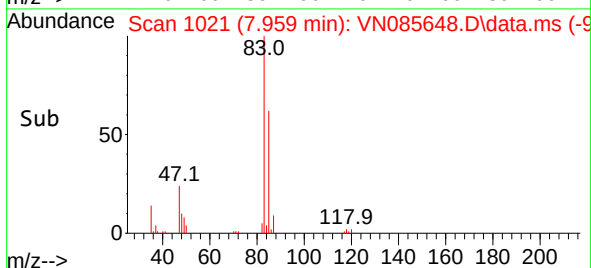
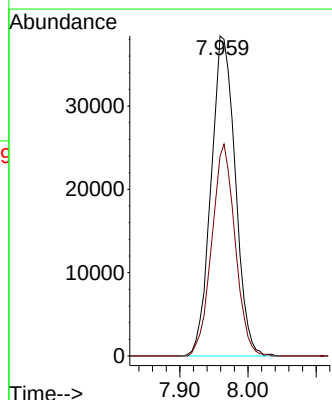
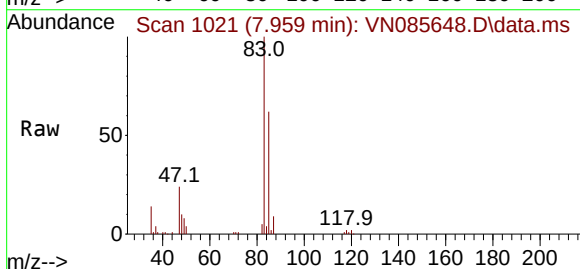
Acq: 04 Feb 2025 13:38

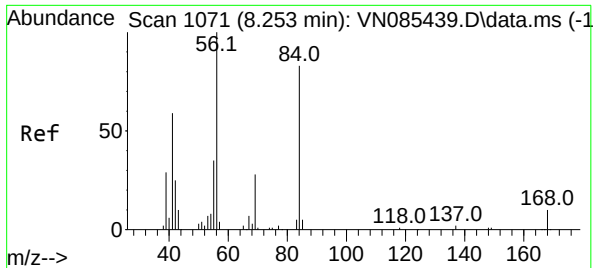
Tgt Ion: 83 Resp: 94942

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.6

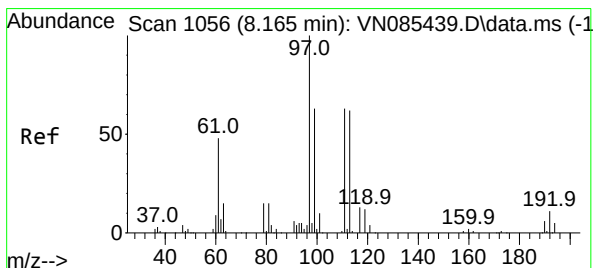
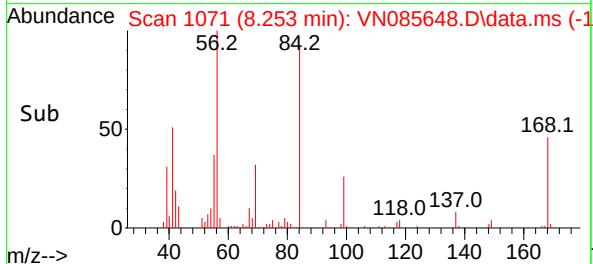
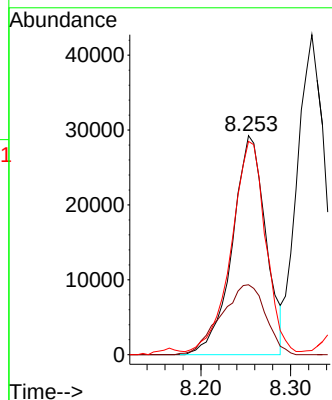
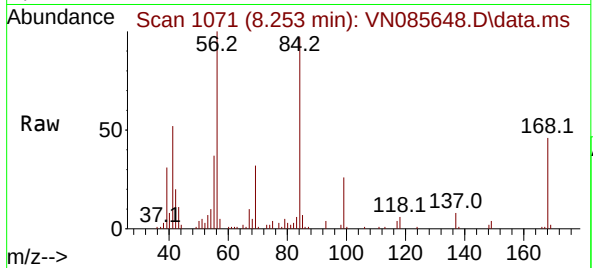




#31
Cyclohexane
Concen: 15.456 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

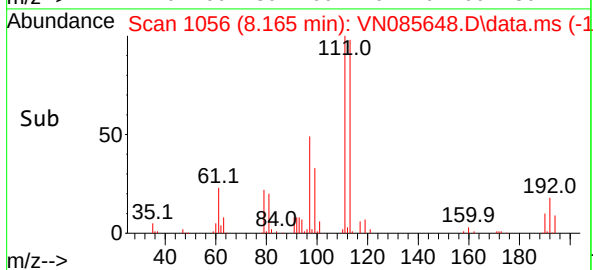
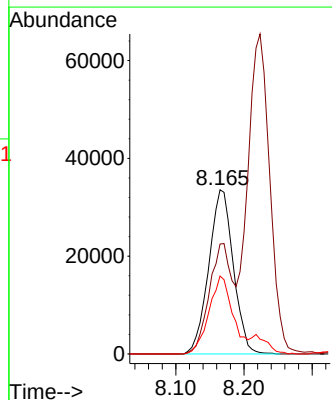
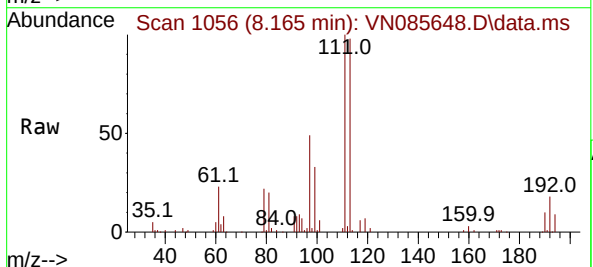
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

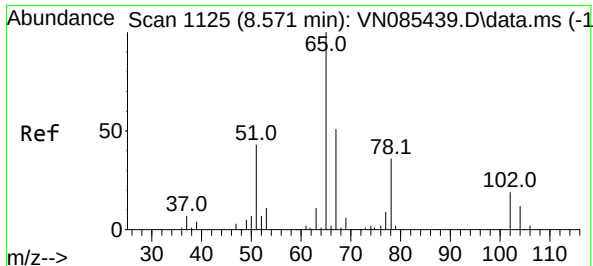
Tgt Ion:	56	Resp:	75871
Ion	Ratio	Lower	Upper
56	100		
69	31.3	22.2	33.4
84	95.8	66.4	99.6



#32
1,1,1-Trichloroethane
Concen: 16.443 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:	97	Resp:	84192
Ion	Ratio	Lower	Upper
97	100		
99	63.7	49.8	74.6
61	46.4	41.4	62.2





#33

1,2-Dichloroethane-d4

Concen: 50.411 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

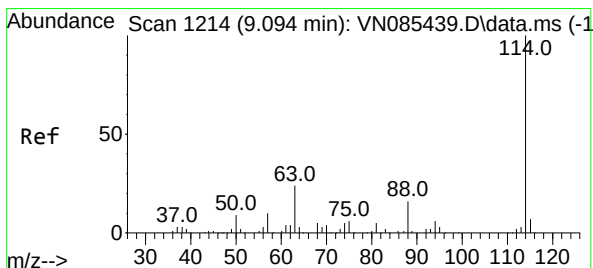
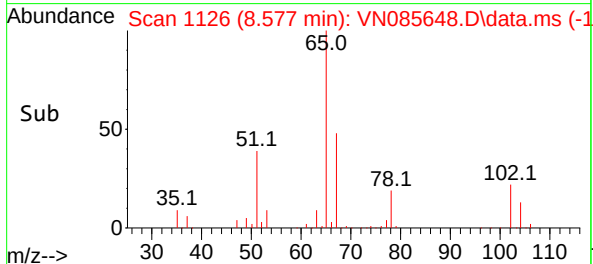
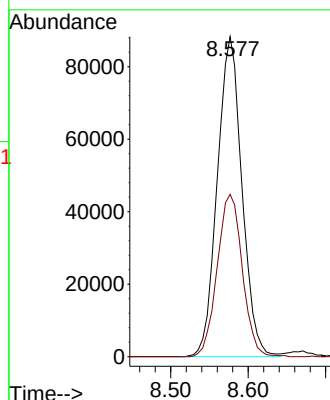
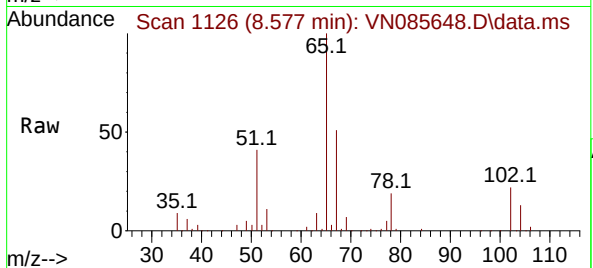
VN0204WBS01

Tgt Ion: 65 Resp: 194989

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

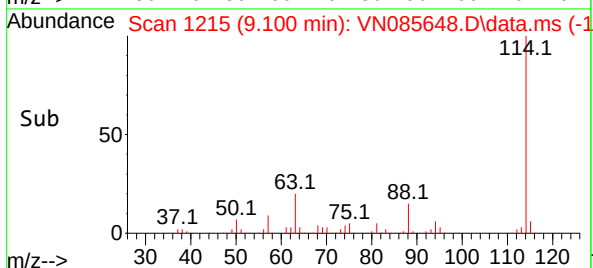
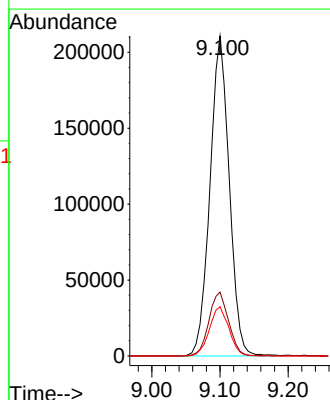
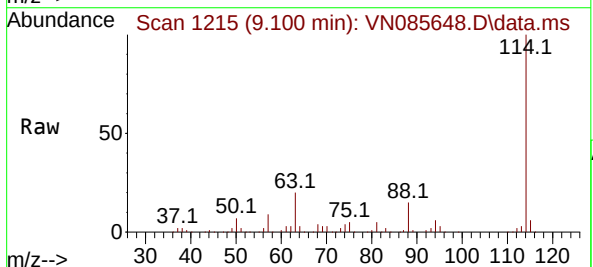
Tgt Ion: 114 Resp: 414153

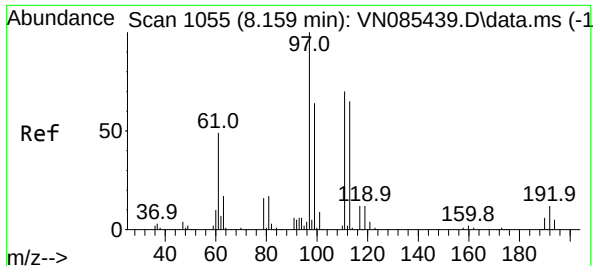
Ion Ratio Lower Upper

114 100

63 20.0 0.0 47.6

88 15.4 0.0 32.6

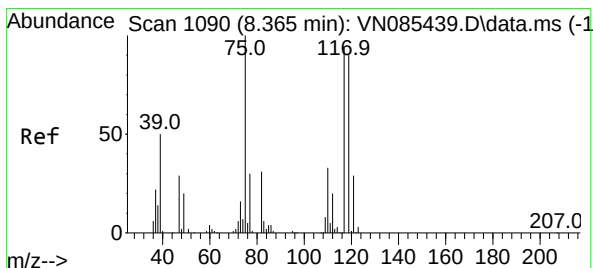
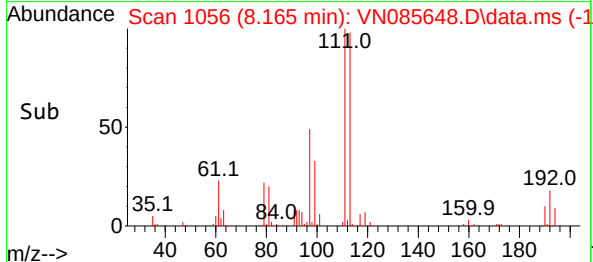
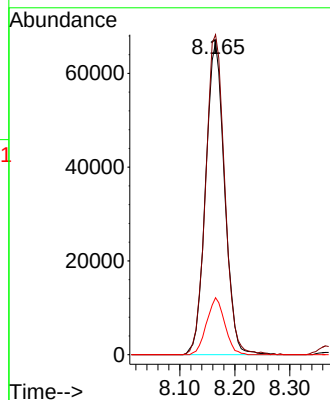
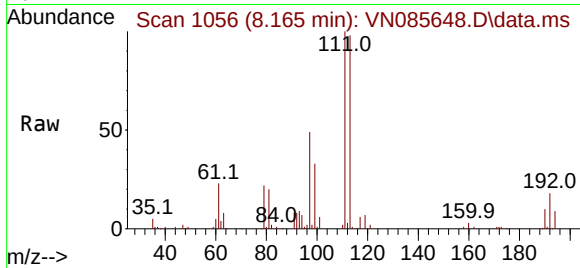




#35
Dibromofluoromethane
Concen: 55.521 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

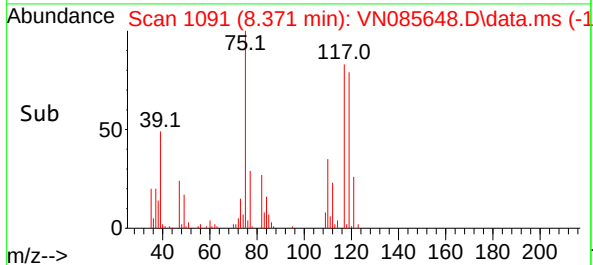
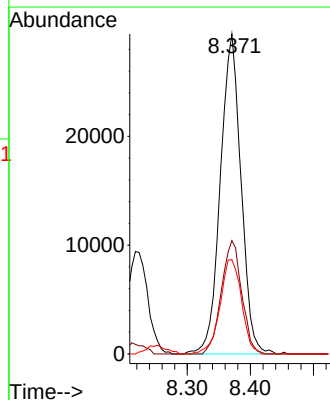
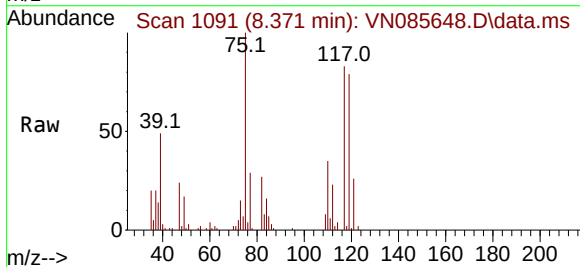
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

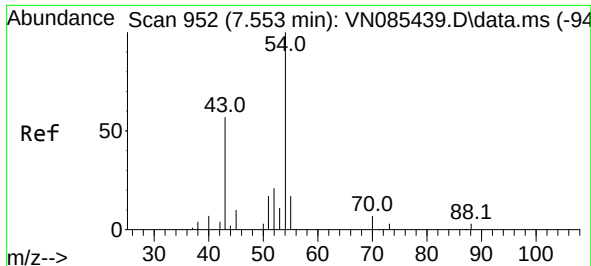
Tgt Ion:113 Resp: 159522
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 16.567 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 75 Resp: 66806
Ion Ratio Lower Upper
75 100
110 34.9 16.5 49.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 14.170 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

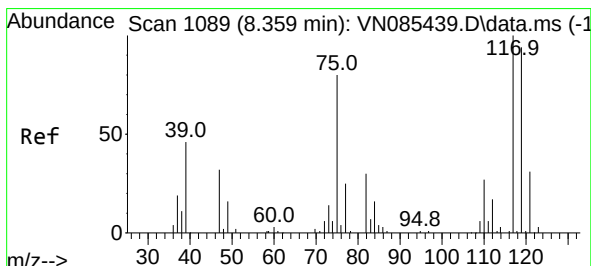
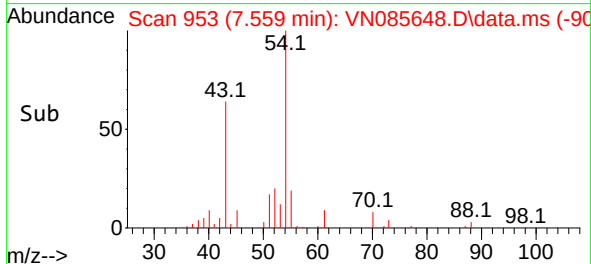
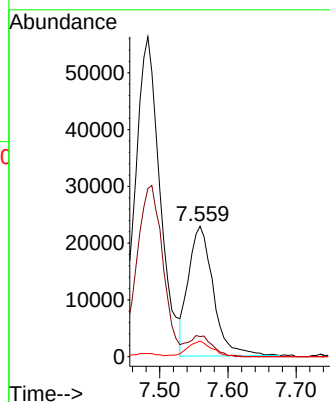
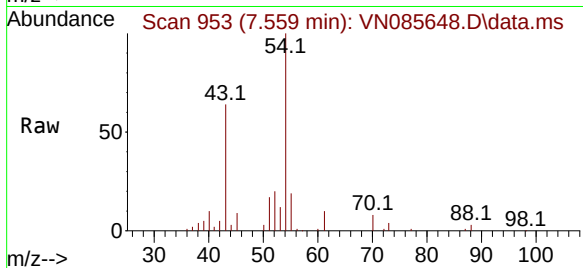
Tgt Ion: 43 Resp: 57674

Ion Ratio Lower Upper

43 100

61 15.0 10.9 16.3

70 11.9 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 16.250 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

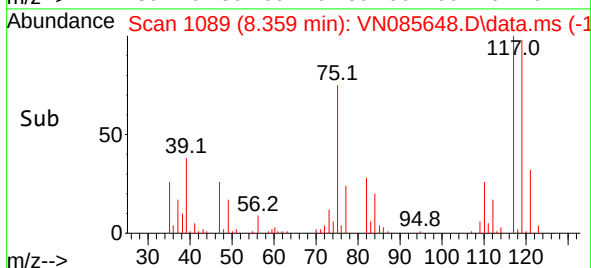
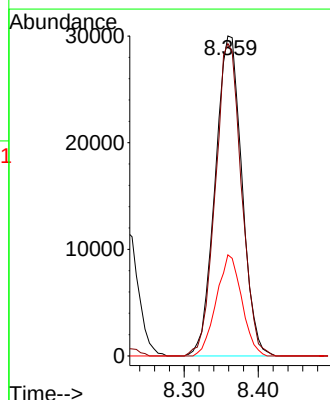
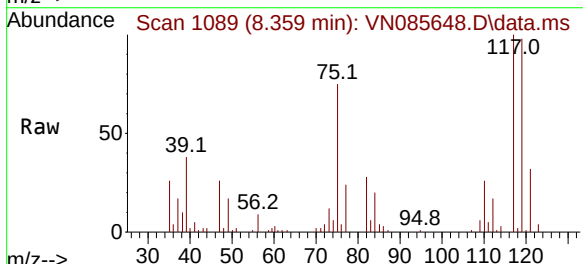
Tgt Ion: 117 Resp: 75019

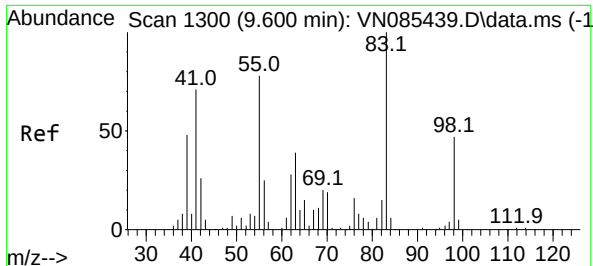
Ion Ratio Lower Upper

117 100

119 97.6 75.4 113.2

121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 17.117 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

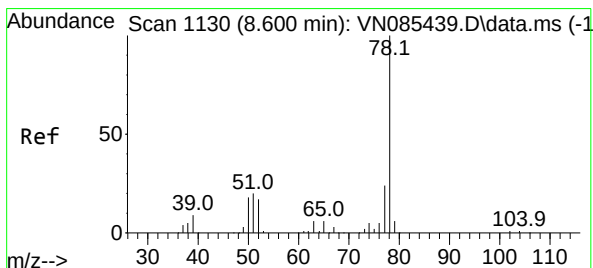
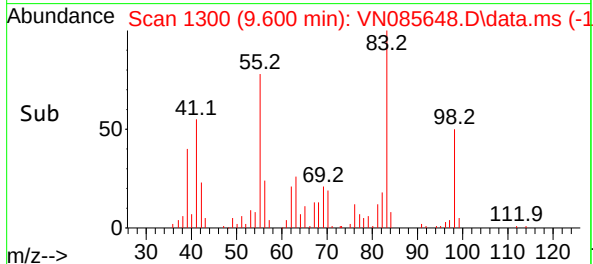
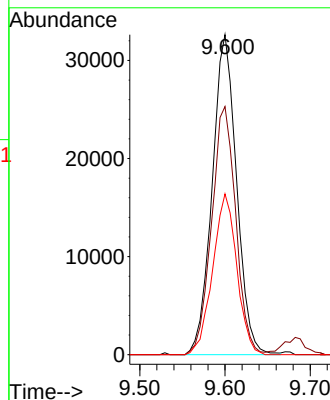
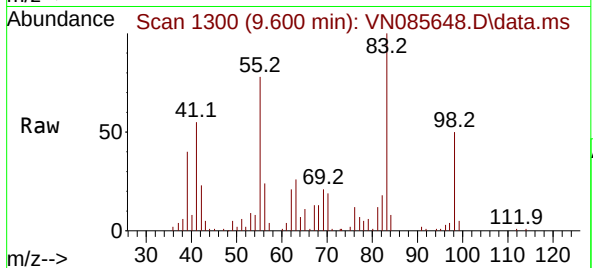
Tgt Ion: 83 Resp: 64863

Ion Ratio Lower Upper

83 100

55 77.6 62.6 94.0

98 50.2 37.7 56.5



#40

Benzene

Concen: 17.362 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085648.D

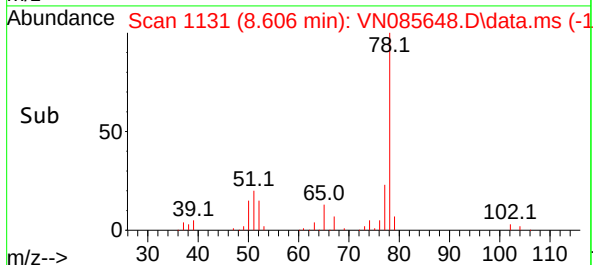
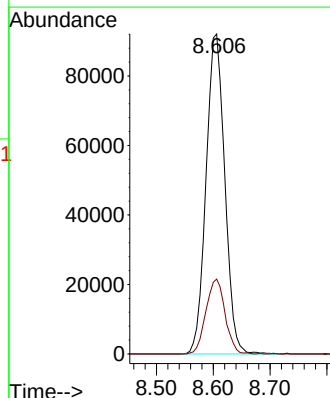
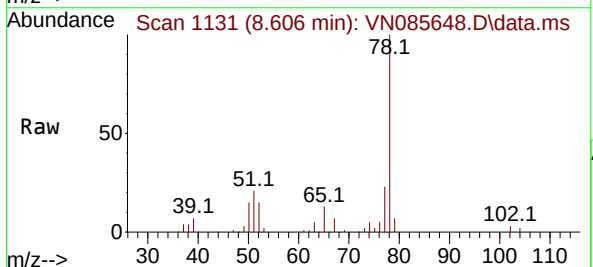
Acq: 04 Feb 2025 13:38

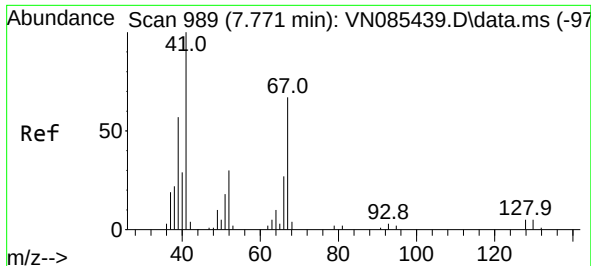
Tgt Ion: 78 Resp: 210366

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

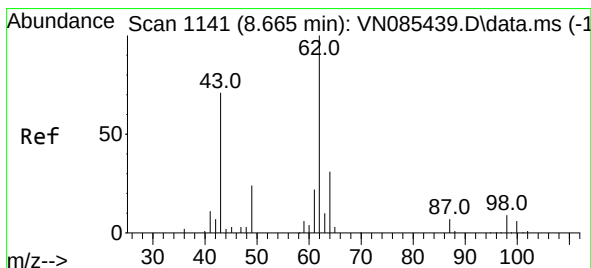
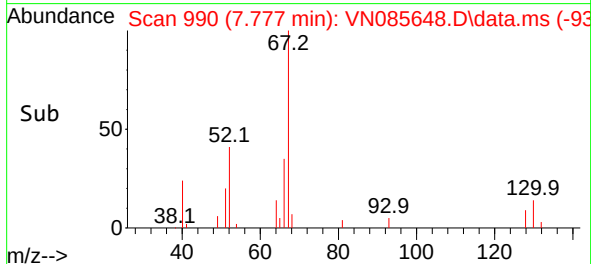
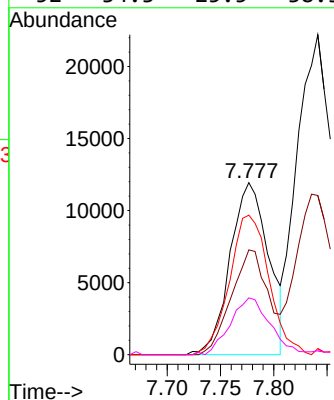
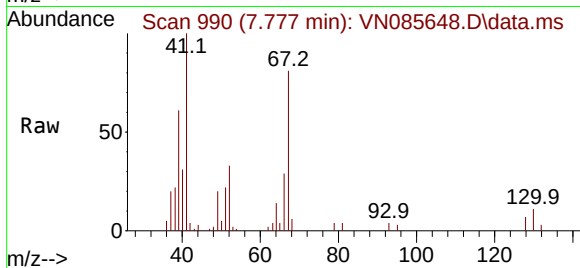




#41
Methacrylonitrile
Concen: 14.168 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

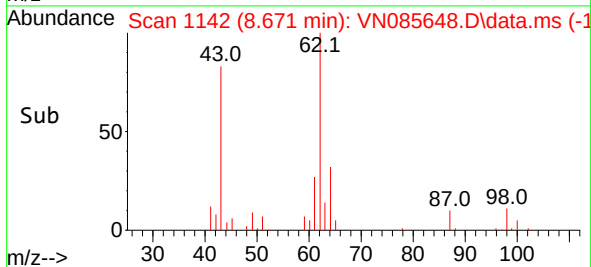
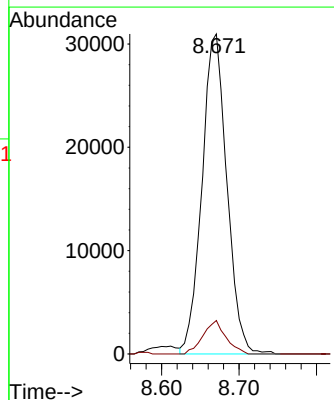
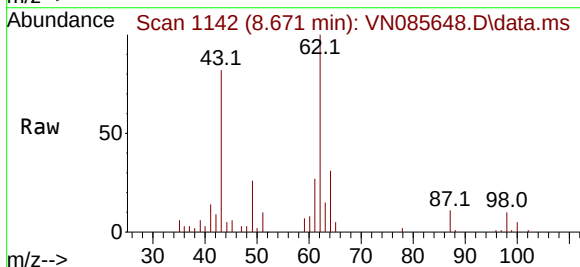
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

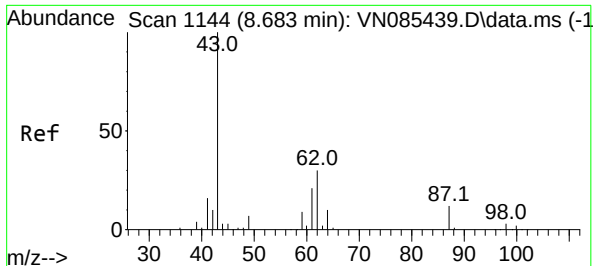
Tgt Ion:	41	Resp:	30002
Ion	Ratio	Lower	Upper
41	100		
39	58.7	46.0	69.0
67	83.3	57.4	86.2
52	34.3	25.5	38.3



#42
1,2-Dichloroethane
Concen: 15.160 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:	62	Resp:	69180
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 16.296 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

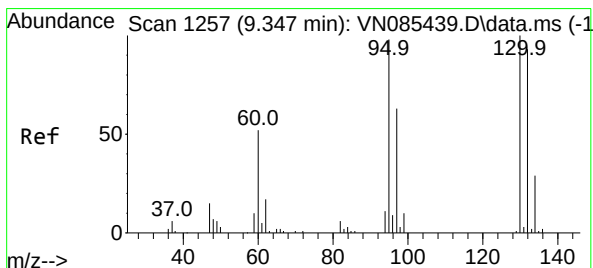
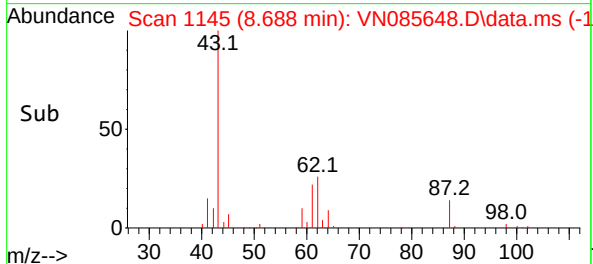
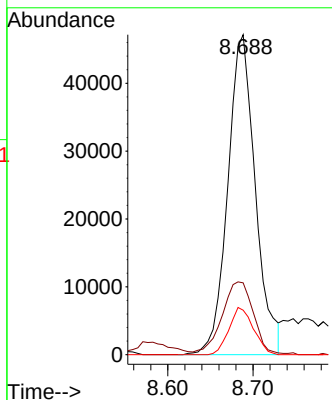
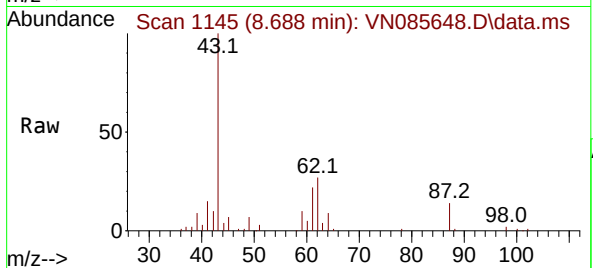
Tgt Ion: 43 Resp: 106280

Ion Ratio Lower Upper

43 100

61 26.0 20.7 31.1

87 13.1 9.8 14.8



#44

Trichloroethene

Concen: 16.964 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085648.D

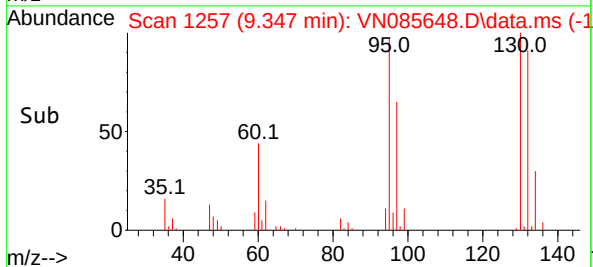
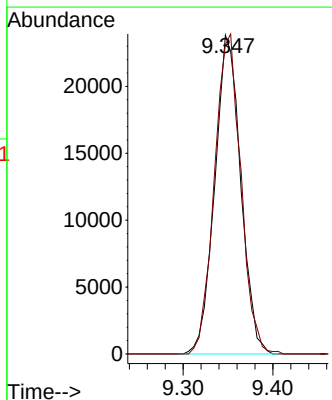
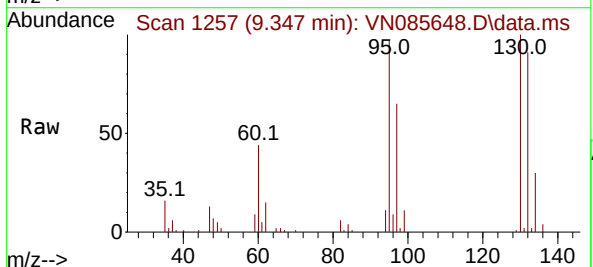
Acq: 04 Feb 2025 13:38

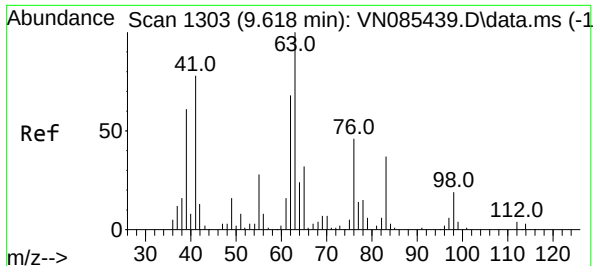
Tgt Ion:130 Resp: 47844

Ion Ratio Lower Upper

130 100

95 97.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 15.706 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

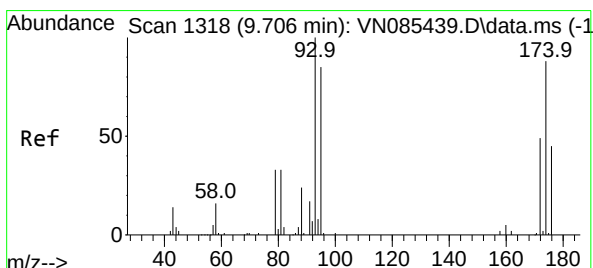
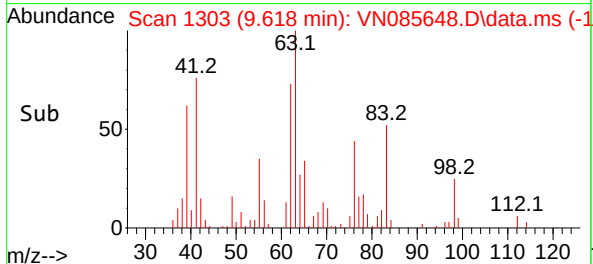
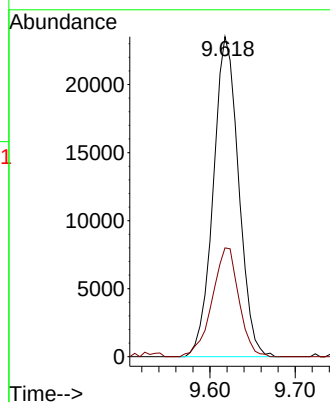
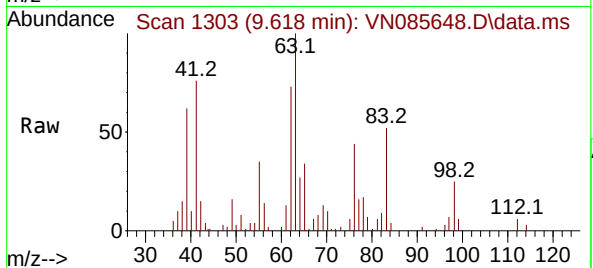
VN0204WBS01

Tgt Ion: 63 Resp: 48607

Ion Ratio Lower Upper

63 100

65 34.0 25.6 38.4



#46

Dibromomethane

Concen: 16.247 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

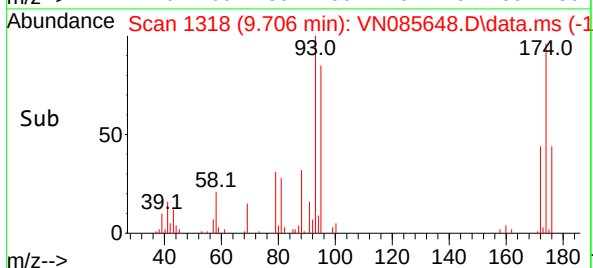
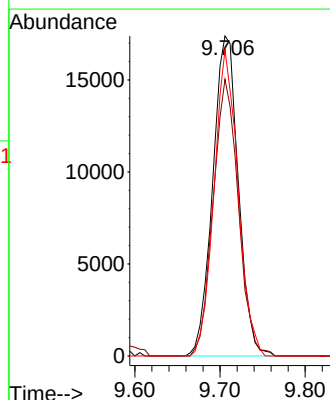
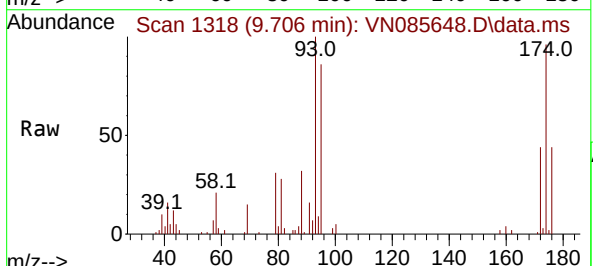
Tgt Ion: 93 Resp: 36282

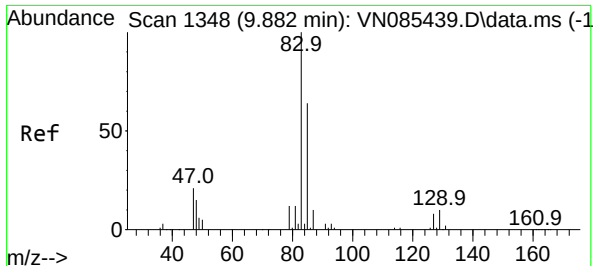
Ion Ratio Lower Upper

93 100

95 84.9 64.7 97.1

174 89.6 69.0 103.4

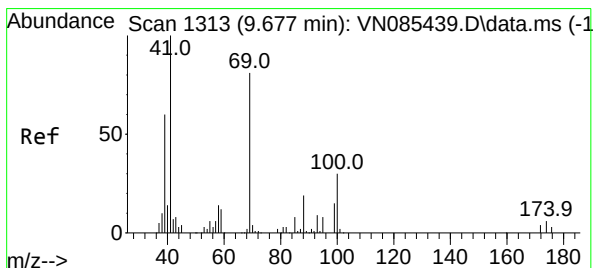
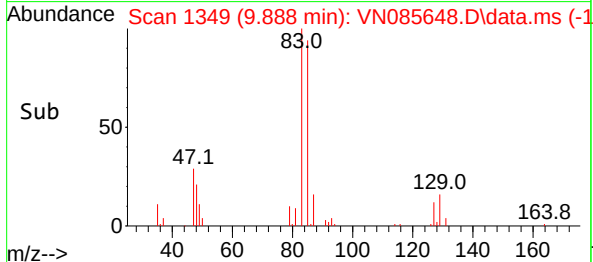
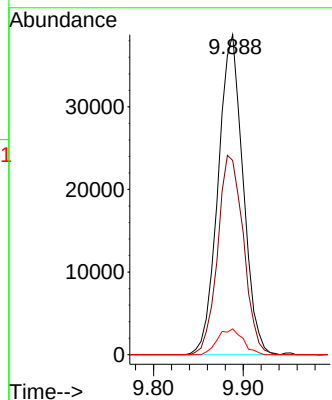
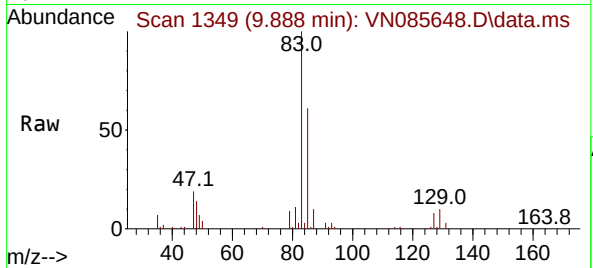




#47
Bromodichloromethane
Concen: 16.414 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

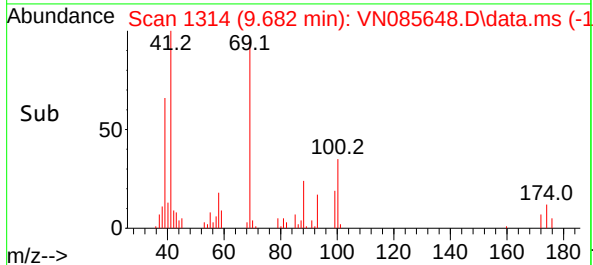
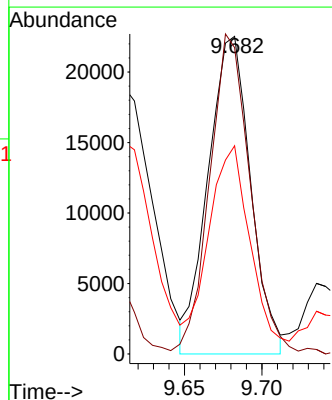
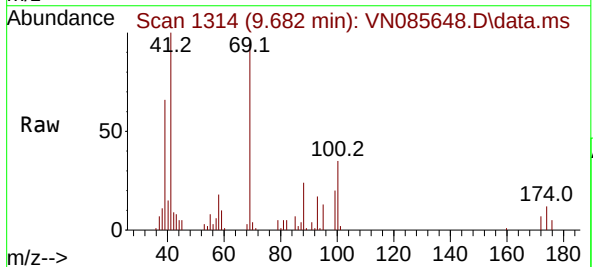
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

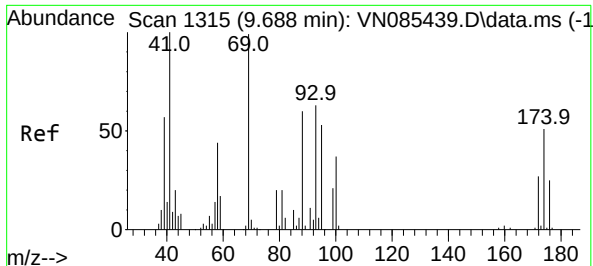
Tgt Ion: 83 Resp: 74675
Ion Ratio Lower Upper
83 100
85 60.7 51.2 76.8
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 14.638 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 41 Resp: 42964
Ion Ratio Lower Upper
41 100
69 96.4 64.7 97.1
39 65.7 49.0 73.6





#49

1,4-Dioxane

Concen: 335.822 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

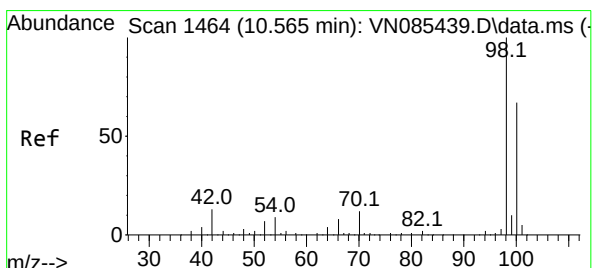
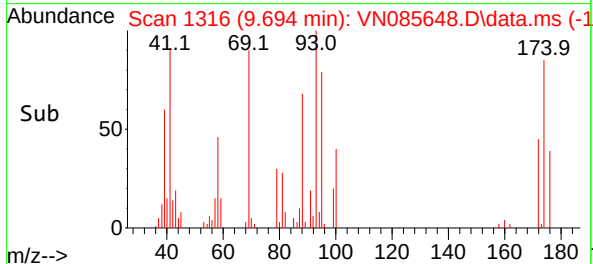
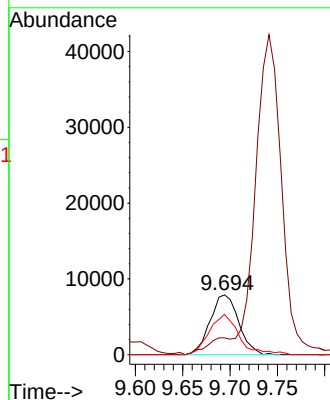
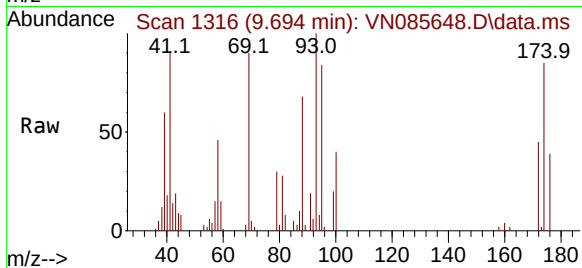
Tgt Ion: 88 Resp: 16598

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 70.1 59.5 89.3



#50

Toluene-d8

Concen: 57.554 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085648.D

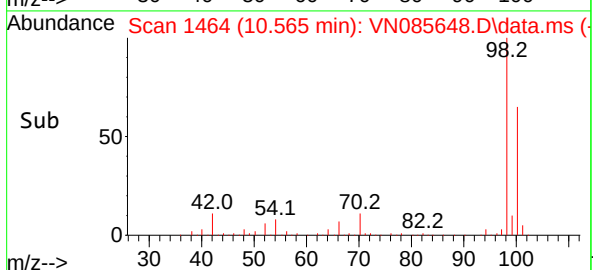
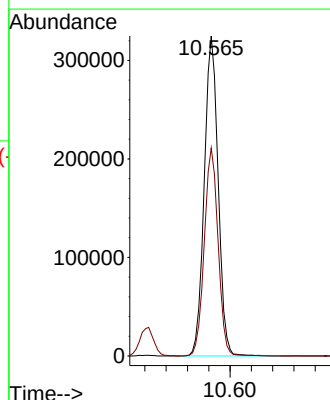
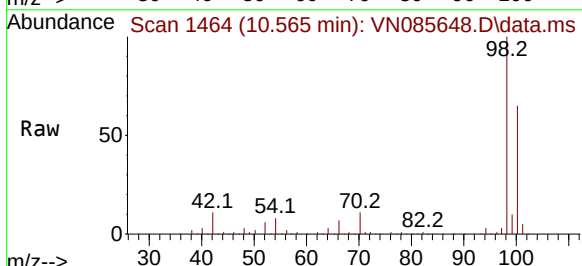
Acq: 04 Feb 2025 13:38

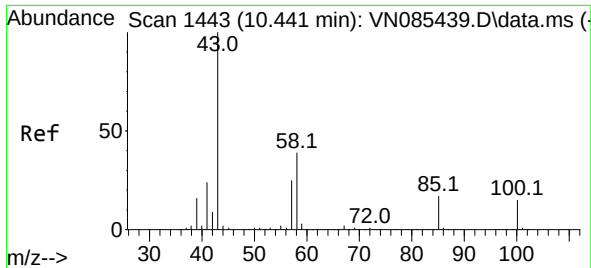
Tgt Ion: 98 Resp: 587536

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4

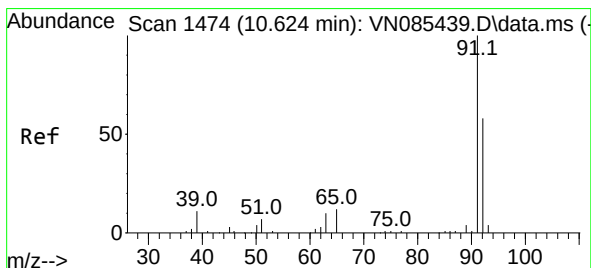
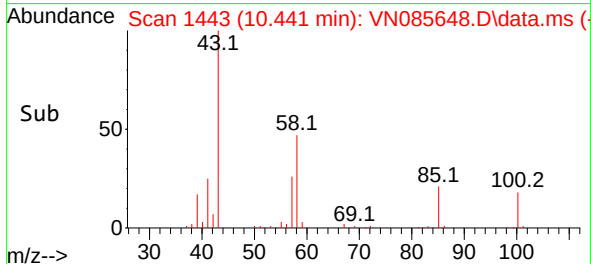
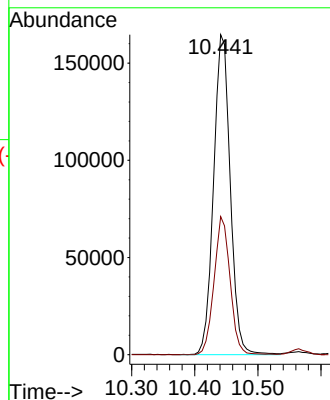
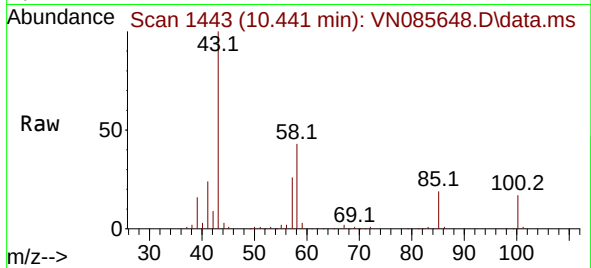




#51
4-Methyl-2-Pentanone
Concen: 79.806 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

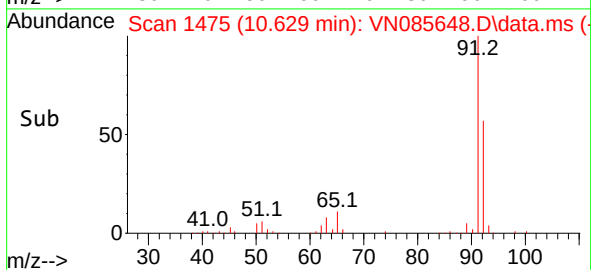
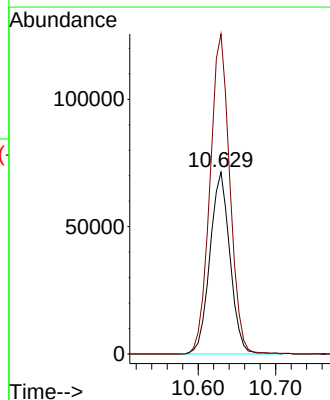
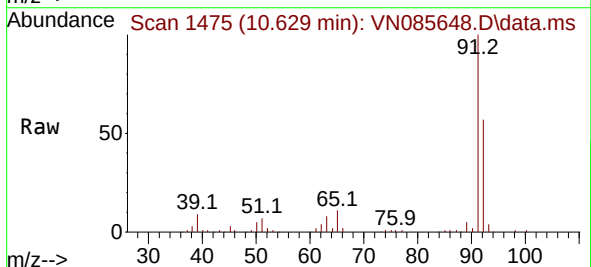
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

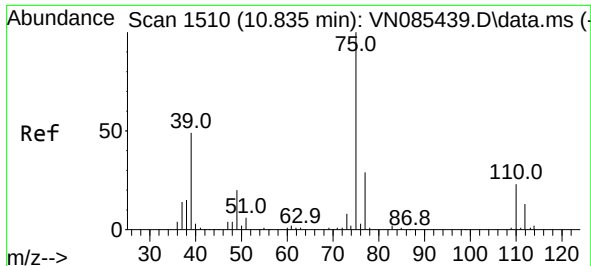
Tgt Ion: 43 Resp: 302031
Ion Ratio Lower Upper
43 100
58 41.5 30.5 45.7



#52
Toluene
Concen: 18.198 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 92 Resp: 127757
Ion Ratio Lower Upper
92 100
91 175.2 139.2 208.8

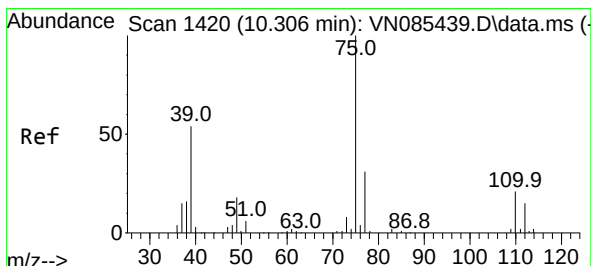
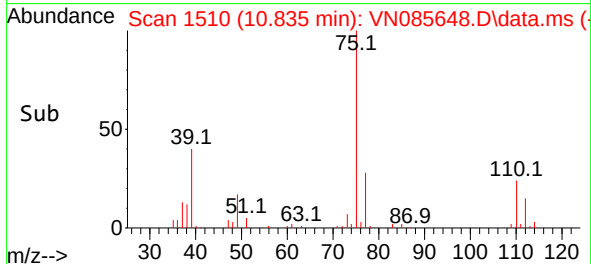
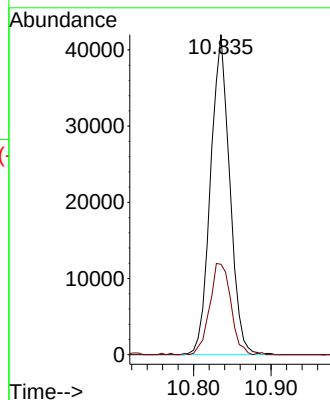
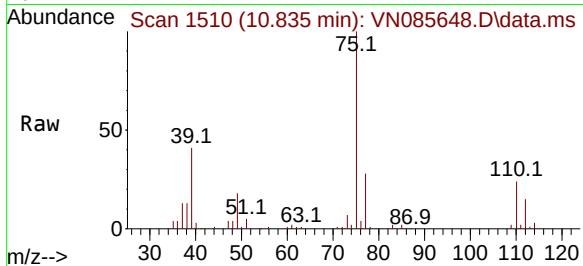




#53
 t-1,3-Dichloropropene
 Concen: 16.769 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

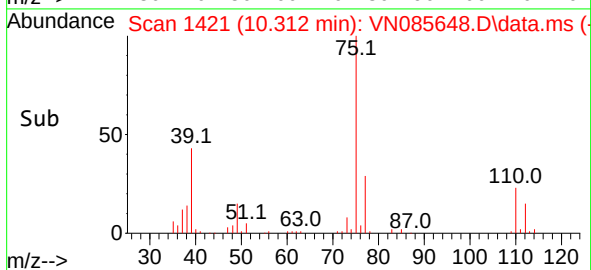
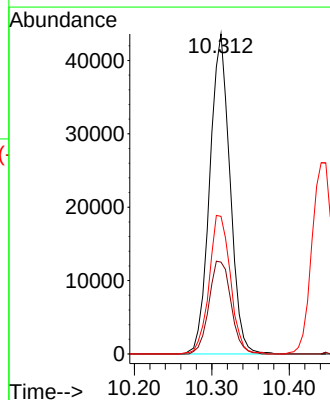
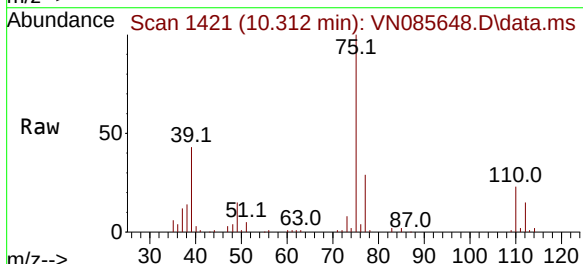
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

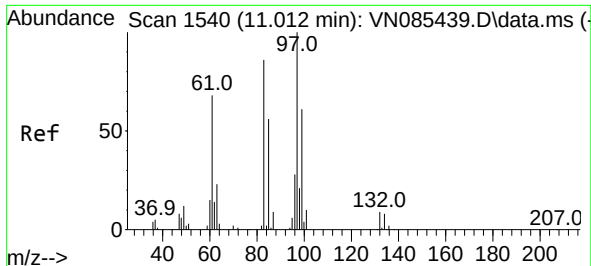
Tgt Ion: 75 Resp: 72098
 Ion Ratio Lower Upper
 75 100
 77 28.3 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 17.177 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion: 75 Resp: 78886
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.0 37.4
 39 43.0 43.1 64.7#

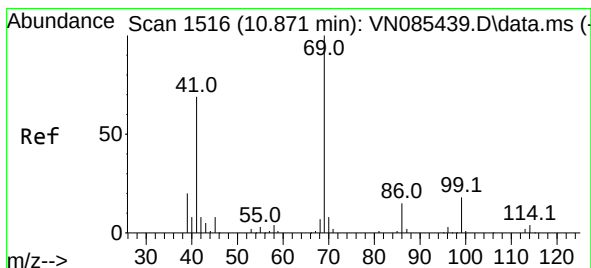
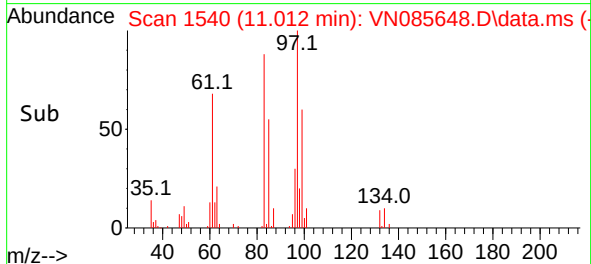
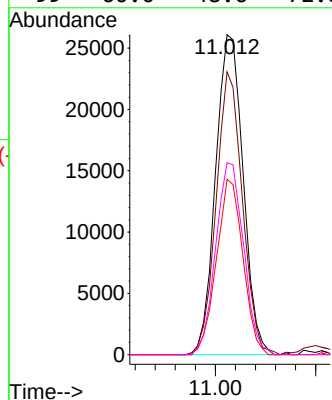
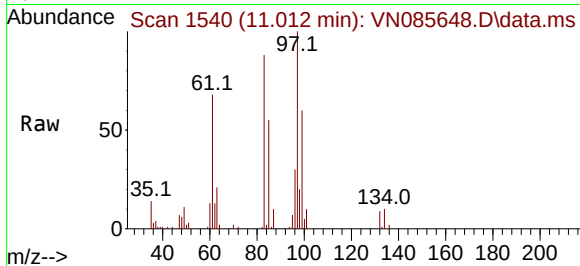




#55
1,1,2-Trichloroethane
Concen: 17.903 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

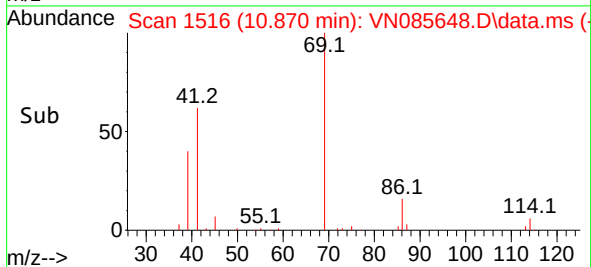
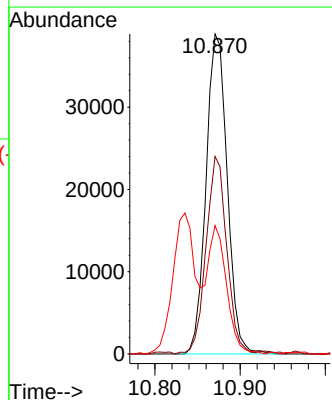
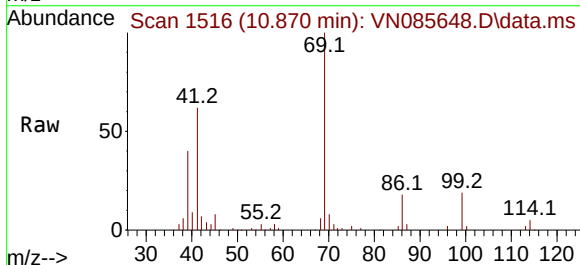
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

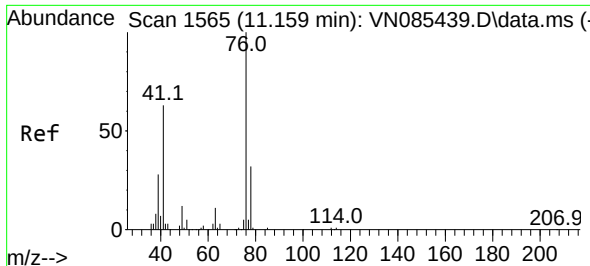
Tgt Ion: 97	Resp: 49739
Ion Ratio	Lower Upper
97 100	
83 88.4	69.0 103.6
85 54.8	44.6 66.8
99 60.0	48.6 72.8



#56
Ethyl methacrylate
Concen: 15.743 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 69	Resp: 67241
Ion Ratio	Lower Upper
69 100	
41 60.3	54.6 82.0
39 37.1	32.4 48.6

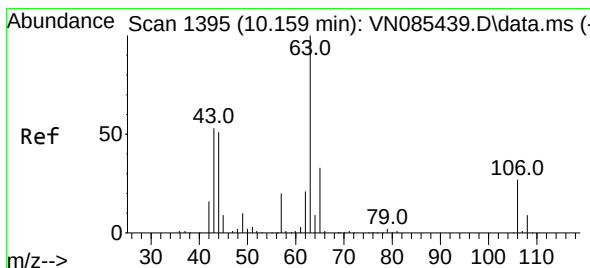
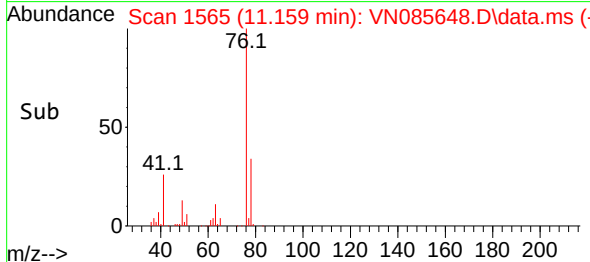
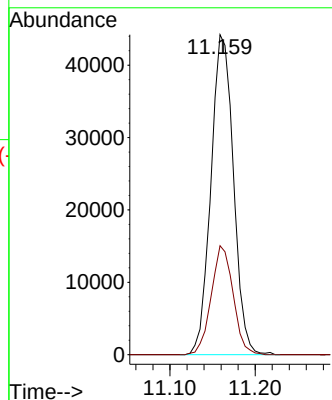
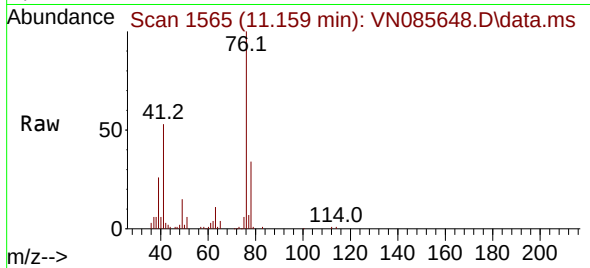




#57
1,3-Dichloropropane
Concen: 16.807 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

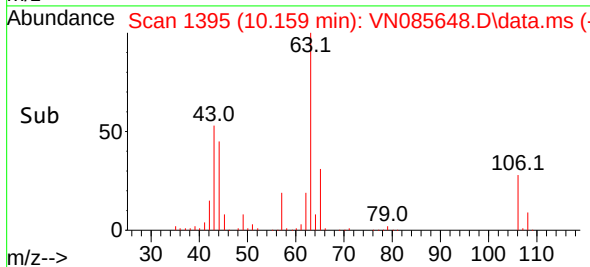
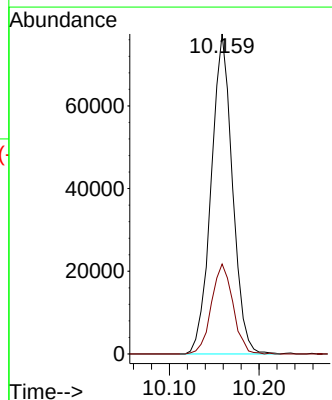
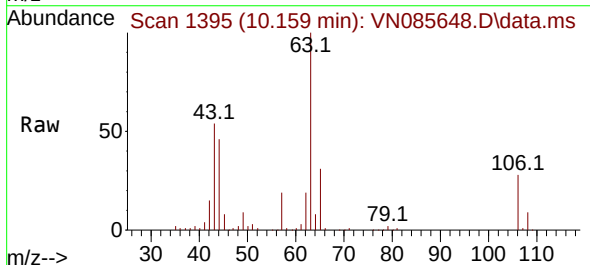
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

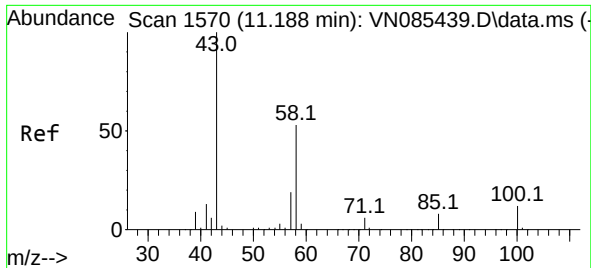
Tgt Ion: 76 Resp: 81196
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 72.323 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 63 Resp: 127513
Ion Ratio Lower Upper
63 100
106 28.4 21.6 32.4

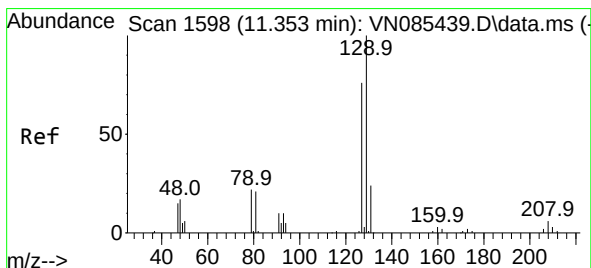
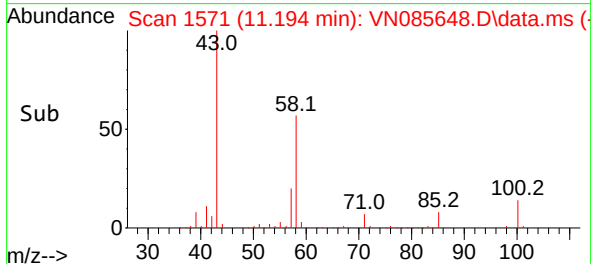
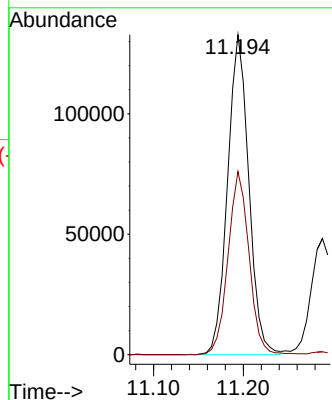
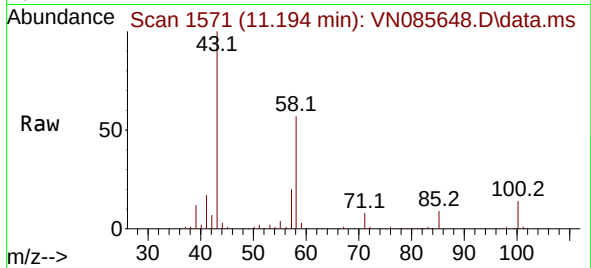




#59
2-Hexanone
Concen: 81.820 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

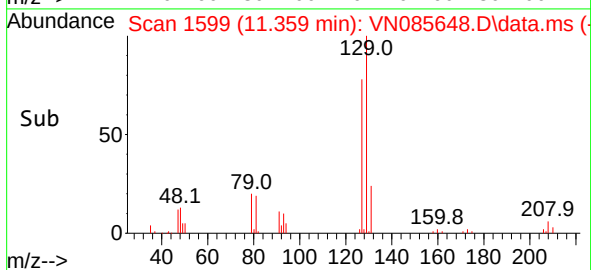
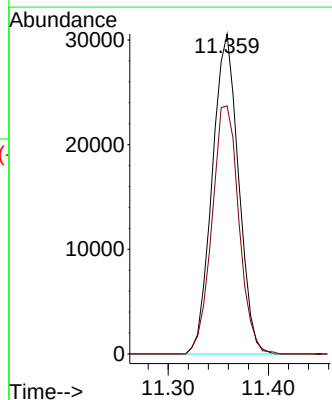
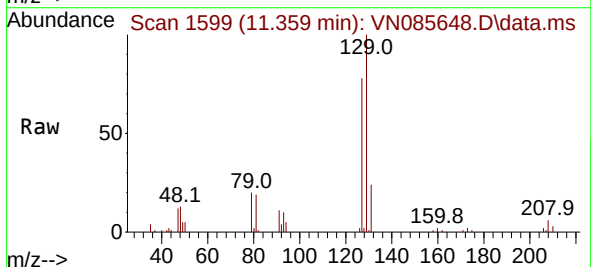
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

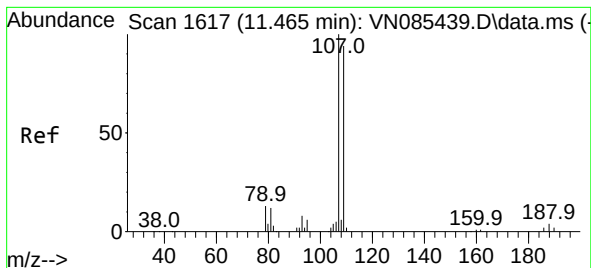
Tgt Ion: 43 Resp: 217881
Ion Ratio Lower Upper
43 100
58 56.8 26.2 78.6



#60
Dibromochloromethane
Concen: 16.618 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 129 Resp: 55739
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 17.318 ug/l

RT: 11.470 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

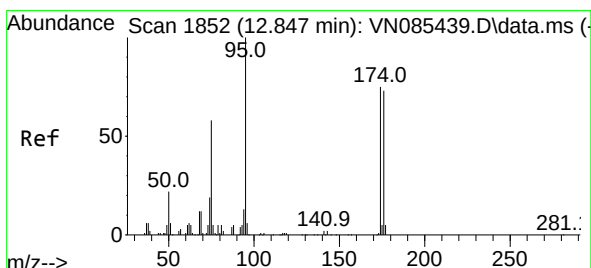
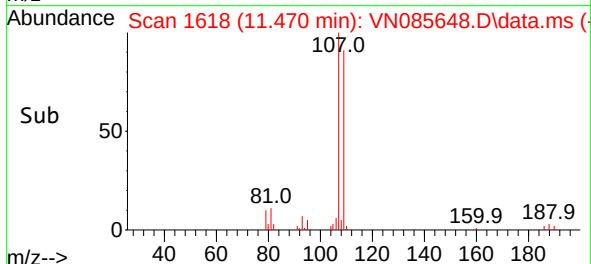
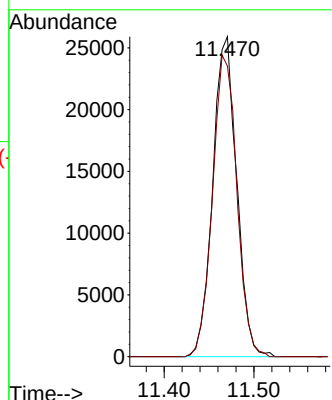
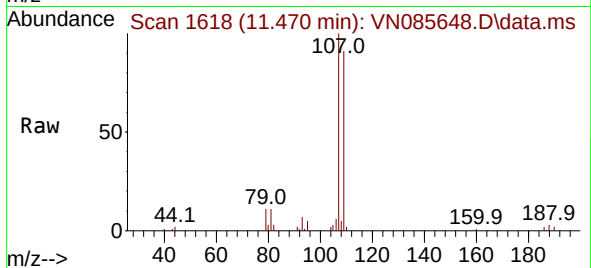
VN0204WBS01

Tgt Ion:107 Resp: 47895

Ion Ratio Lower Upper

107 100

109 96.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 55.290 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

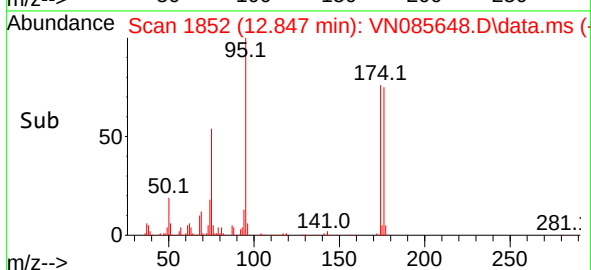
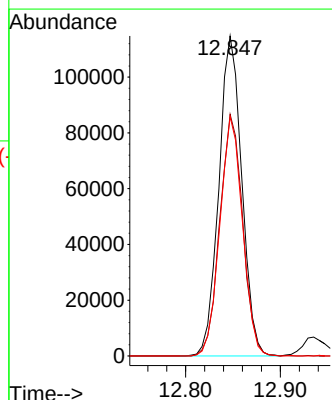
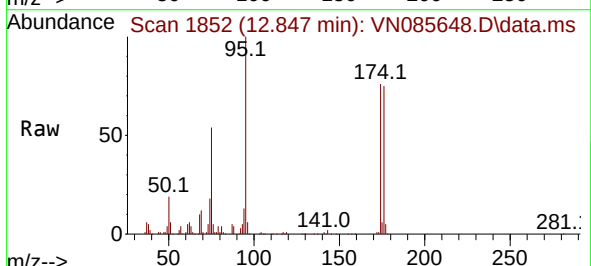
Tgt Ion: 95 Resp: 193075

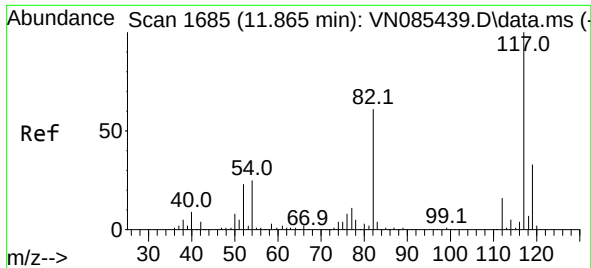
Ion Ratio Lower Upper

95 100

174 75.4 0.0 145.0

176 73.8 0.0 142.4

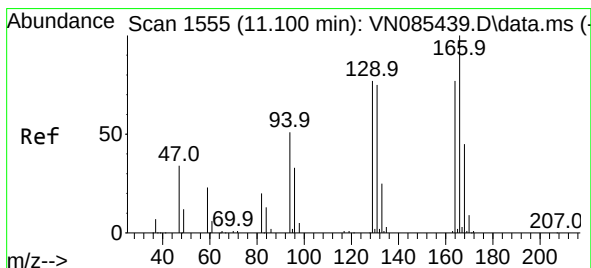
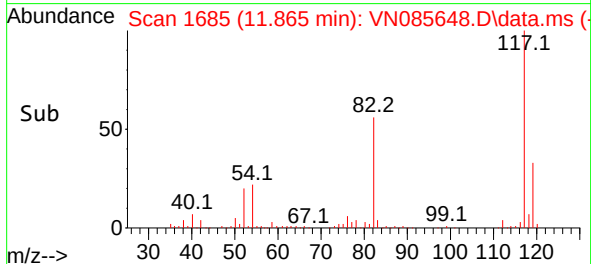
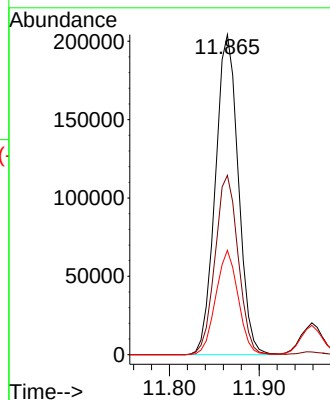
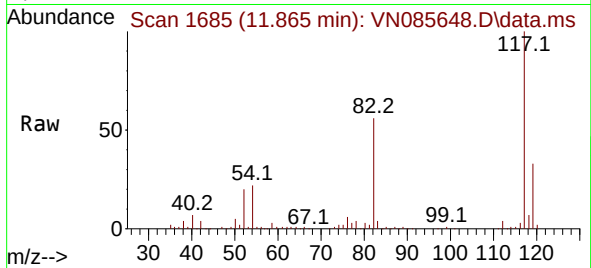




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

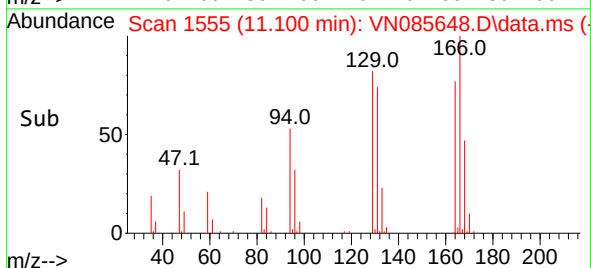
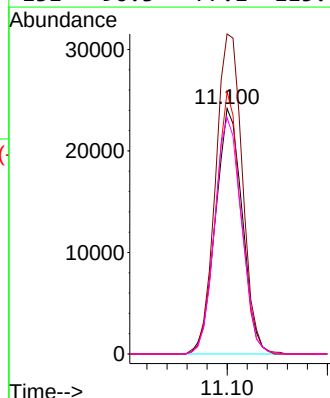
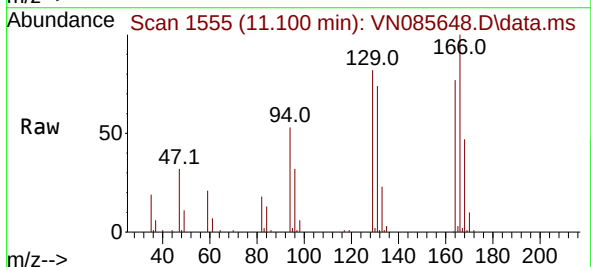
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

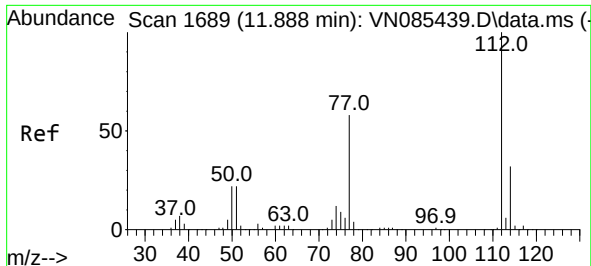
Tgt Ion:117 Resp: 363524
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 18.031 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:164 Resp: 44685
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.2
129 106.8 79.2 118.8
131 96.3 77.1 115.7

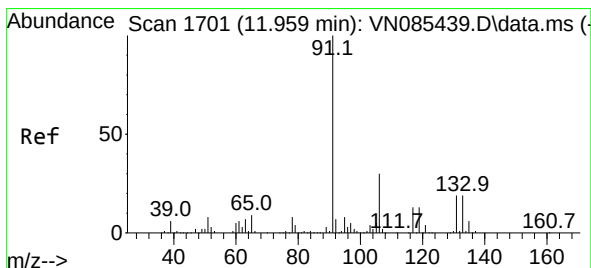
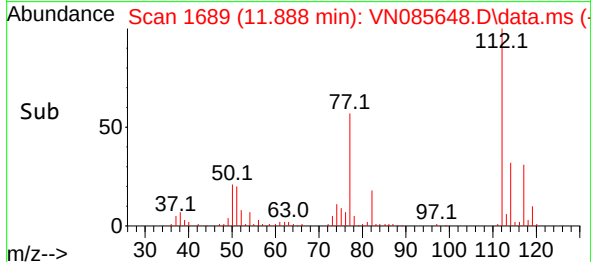
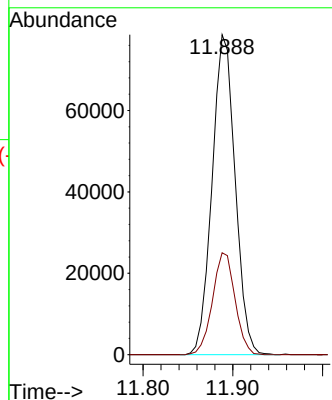
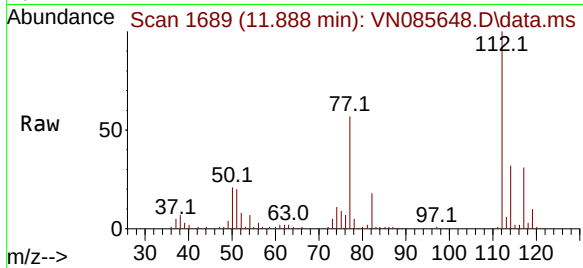




#65
Chlorobenzene
Concen: 17.603 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

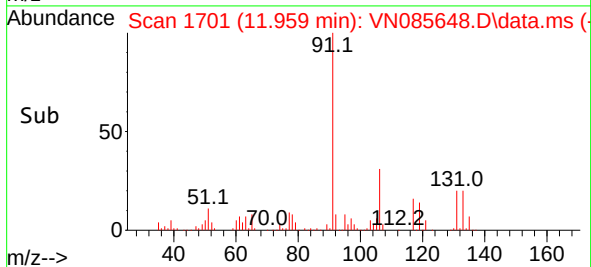
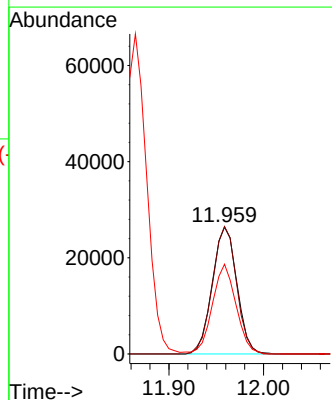
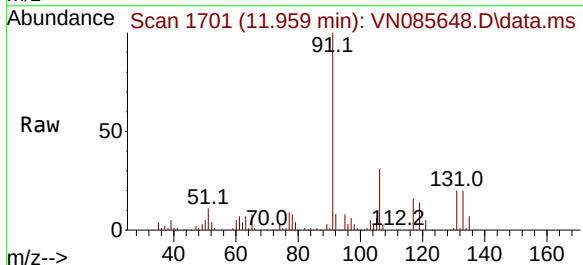
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

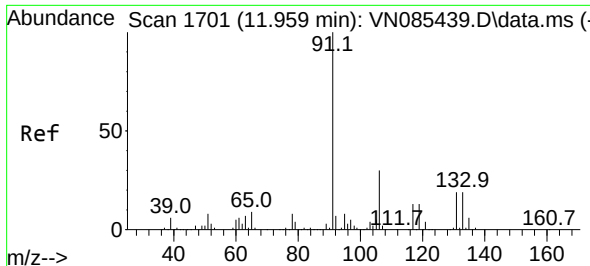
Tgt Ion:112 Resp: 140183
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 16.300 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:131 Resp: 47641
Ion Ratio Lower Upper
131 100
133 98.7 47.4 142.3
119 67.5 33.1 99.5

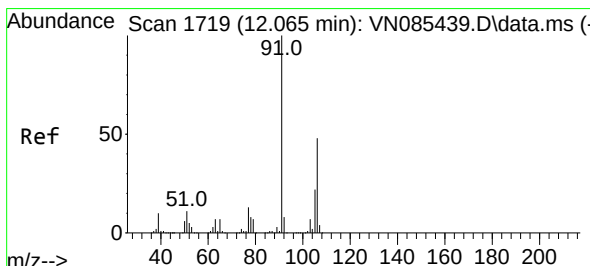
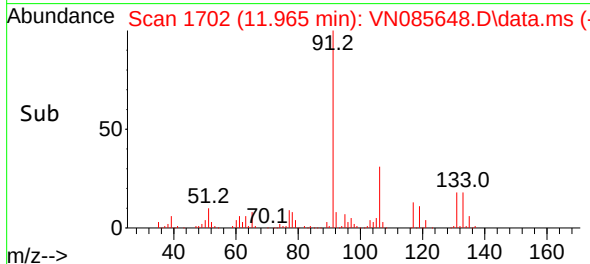
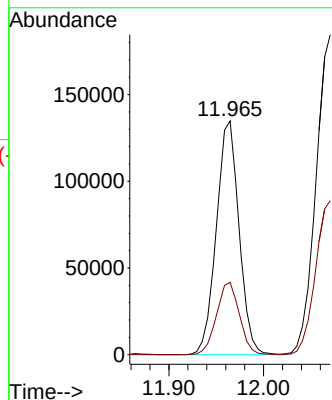
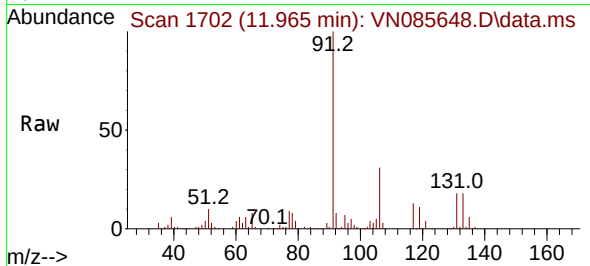




#67
Ethyl Benzene
Concen: 17.319 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

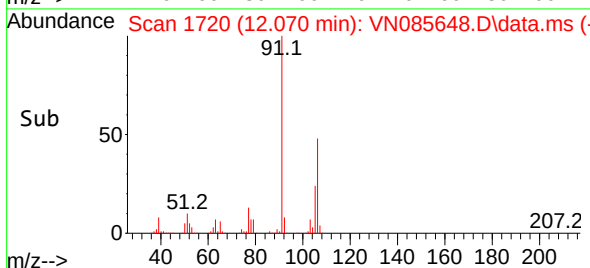
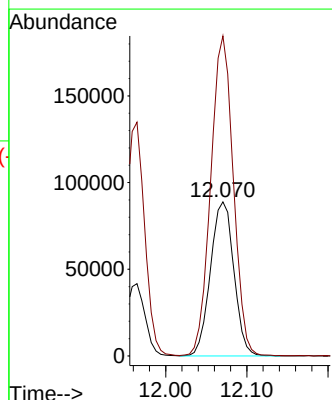
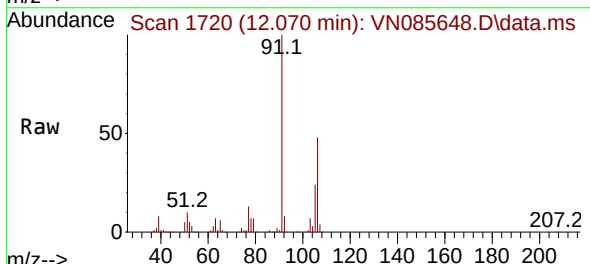
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

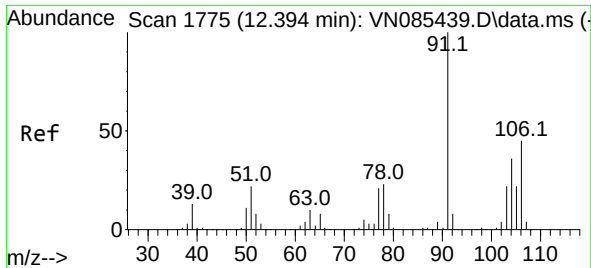
Tgt Ion: 91 Resp: 224640
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8



#68
m/p-Xylenes
Concen: 37.160 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:106 Resp: 178133
Ion Ratio Lower Upper
106 100
91 200.0 167.7 251.5

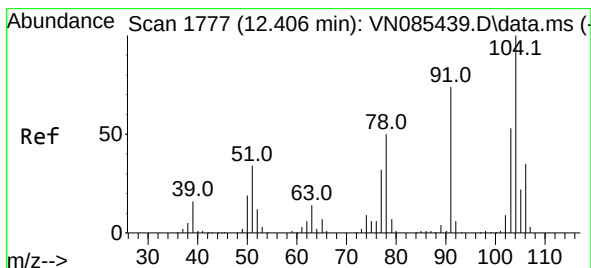
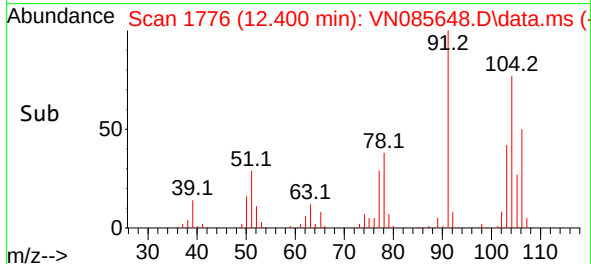
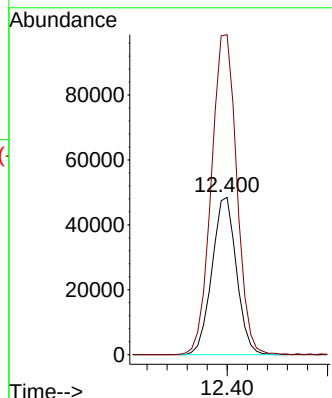
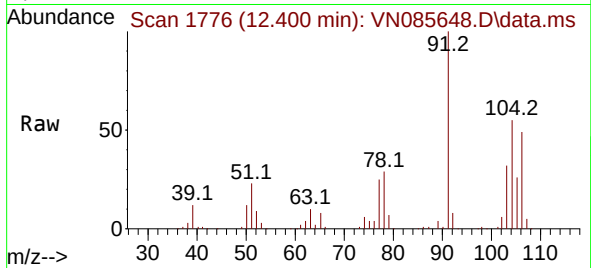




#69
o-Xylene
Concen: 17.876 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

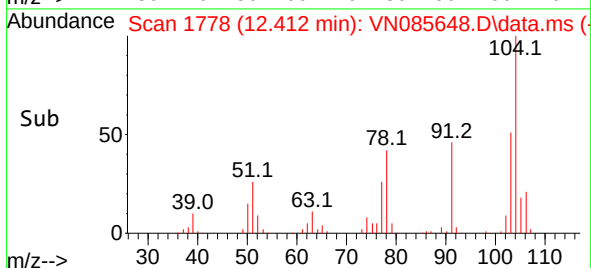
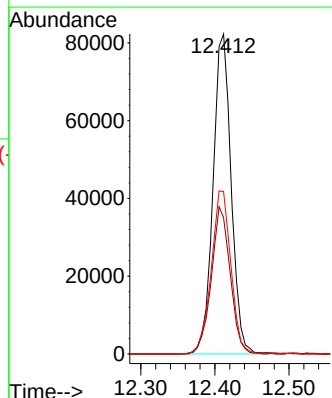
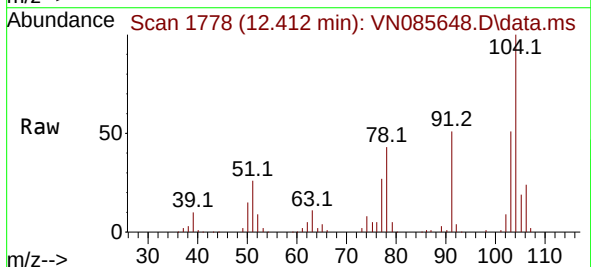
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

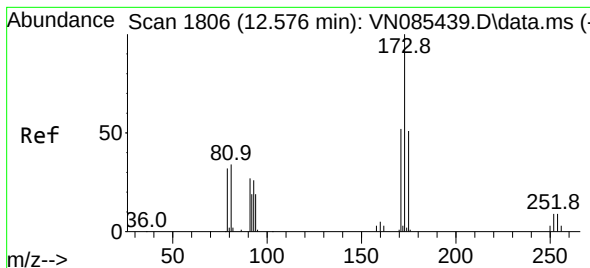
Tgt Ion:106 Resp: 81892
Ion Ratio Lower Upper
106 100
91 212.0 110.4 331.2



#70
Styrene
Concen: 18.428 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion:104 Resp: 139717
Ion Ratio Lower Upper
104 100
78 47.9 42.5 63.7
103 55.3 43.8 65.8





#71

Bromoform

Concen: 17.304 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

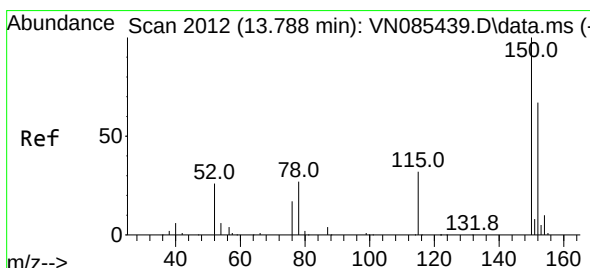
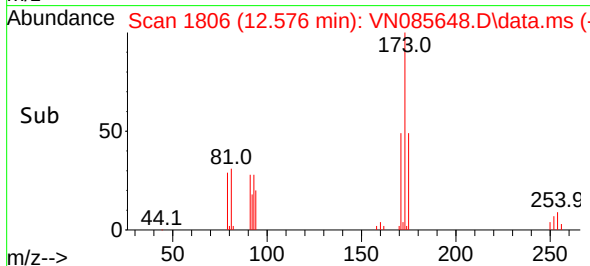
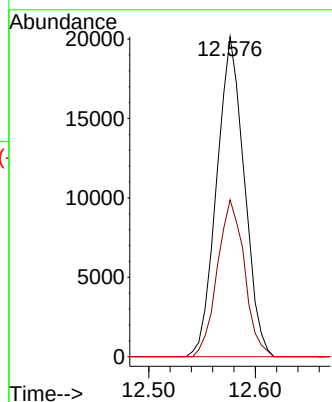
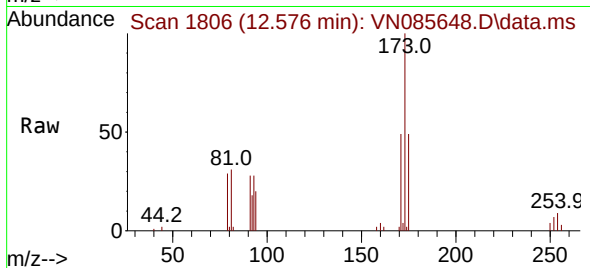
Tgt Ion:173 Resp: 36188

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

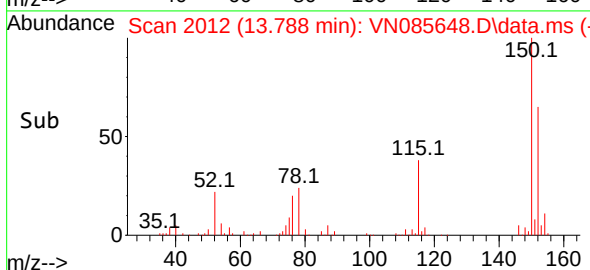
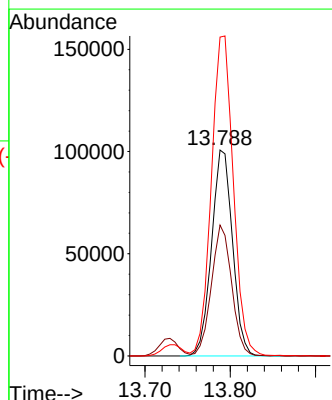
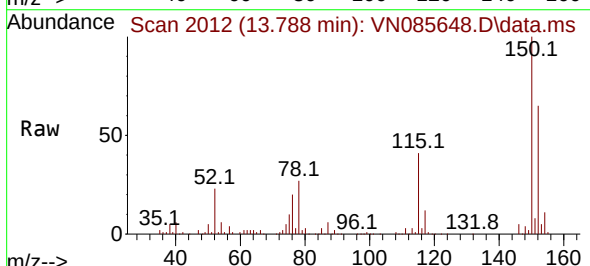
Tgt Ion:152 Resp: 172133

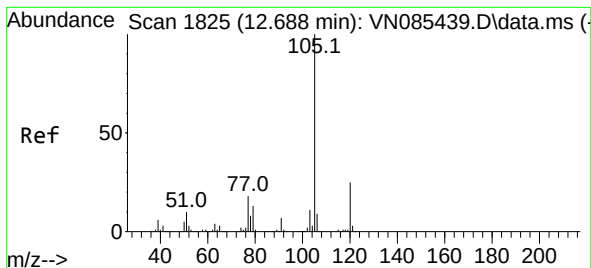
Ion Ratio Lower Upper

152 100

115 61.5 31.1 93.3

150 163.0 0.0 343.6





#73

Isopropylbenzene

Concen: 17.548 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

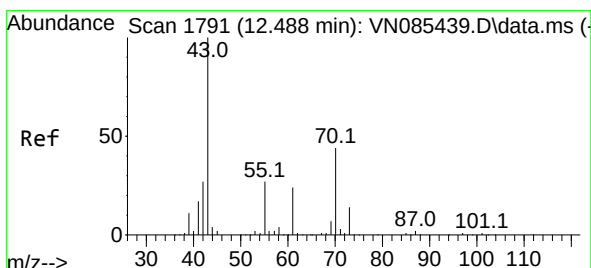
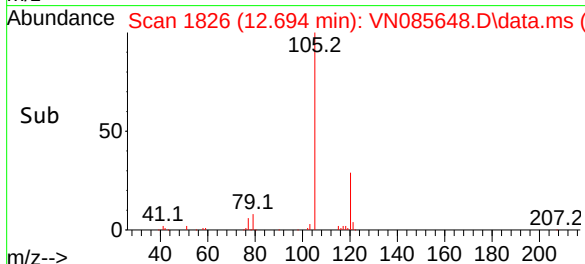
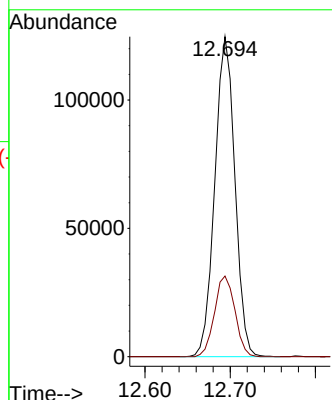
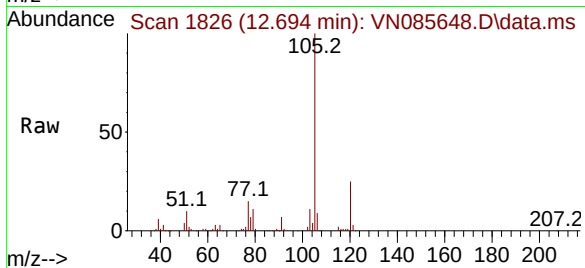
VN0204WBS01

Tgt Ion:105 Resp: 203862

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 15.016 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Tgt Ion: 43 Resp: 78413

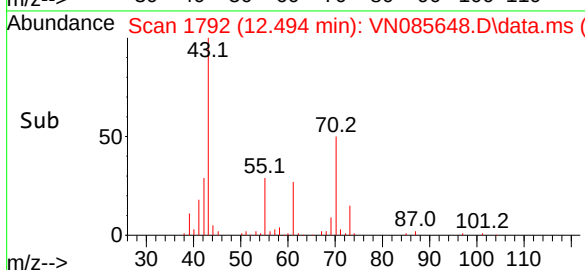
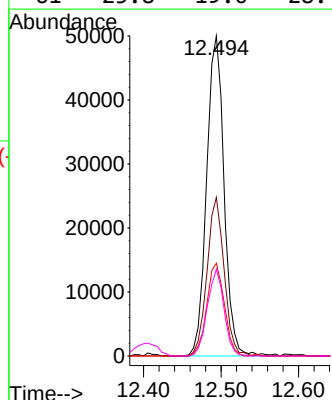
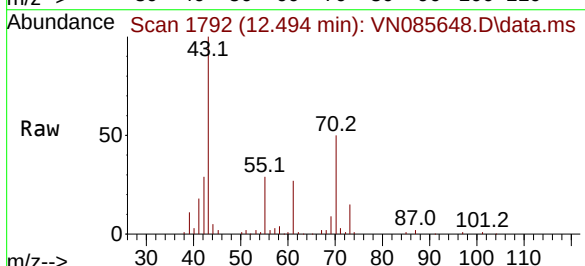
Ion Ratio Lower Upper

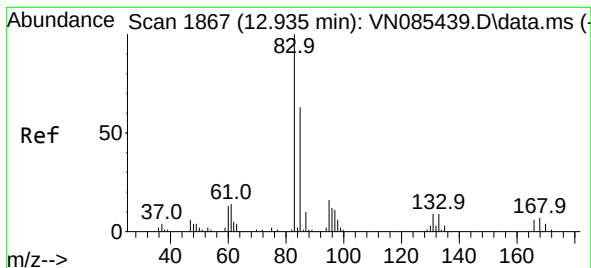
43 100

70 48.4 34.0 51.0

55 29.1 21.4 32.2

61 25.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.095 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

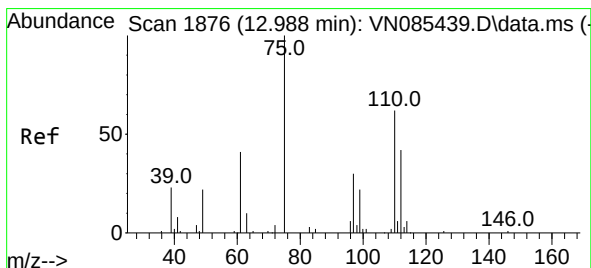
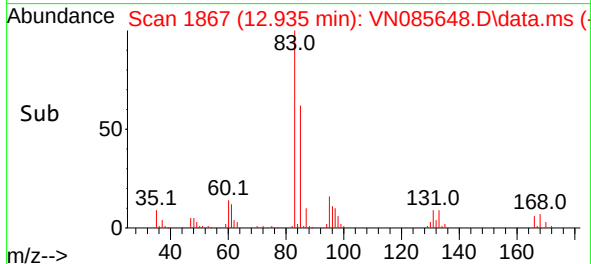
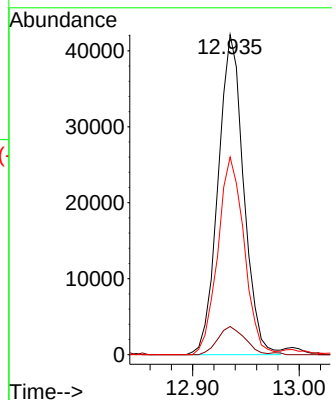
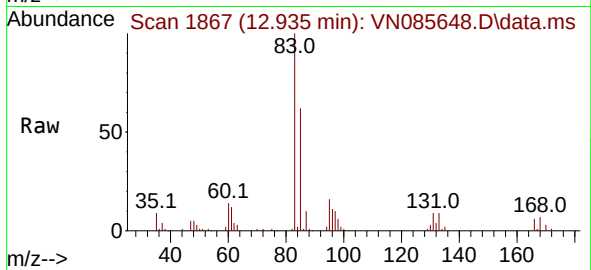
Tgt Ion: 83 Resp: 70155

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 63.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 25.166 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN085648.D

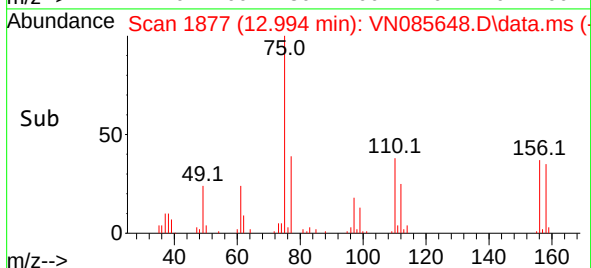
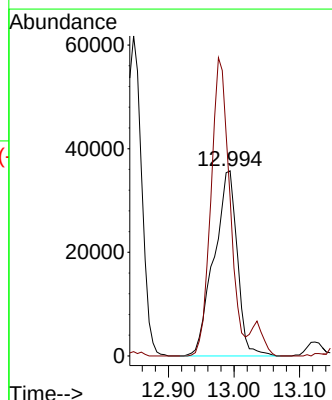
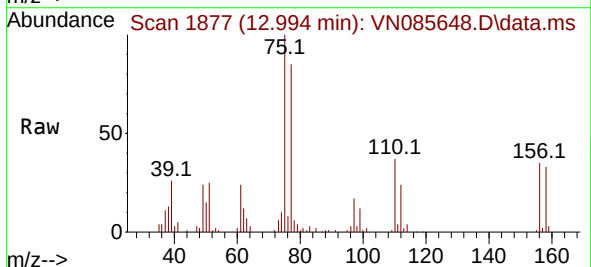
Acq: 04 Feb 2025 13:38

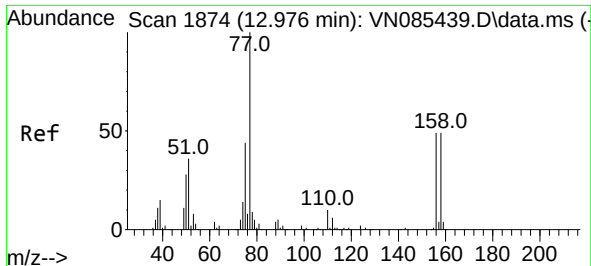
Tgt Ion: 75 Resp: 88046

Ion Ratio Lower Upper

75 100

77 130.0 109.7 329.2

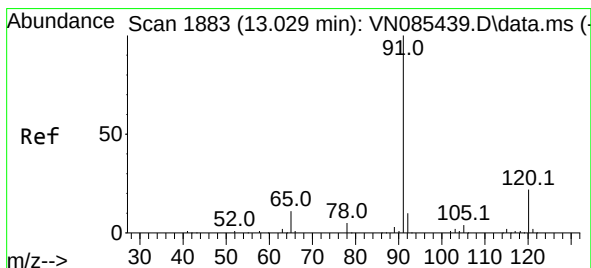
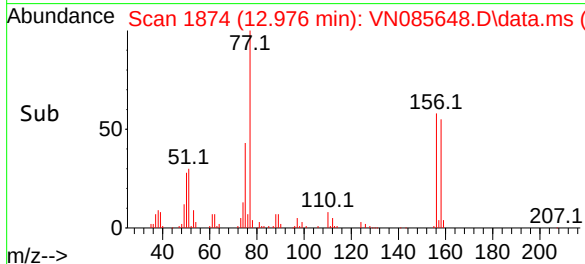
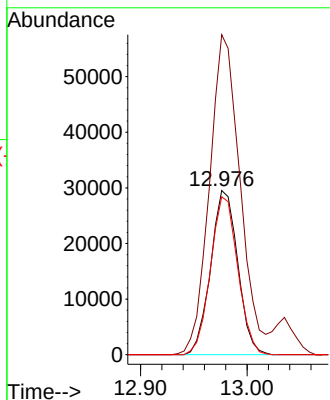
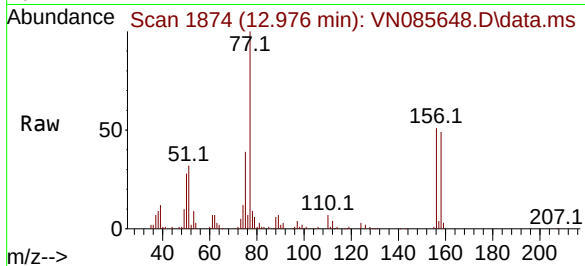




#77
Bromobenzene
Concen: 17.153 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

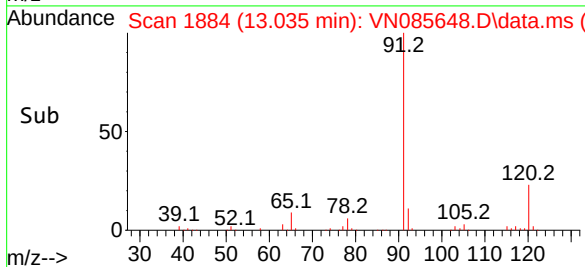
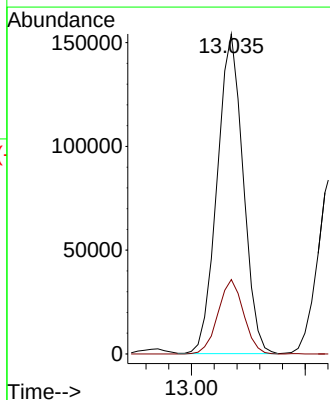
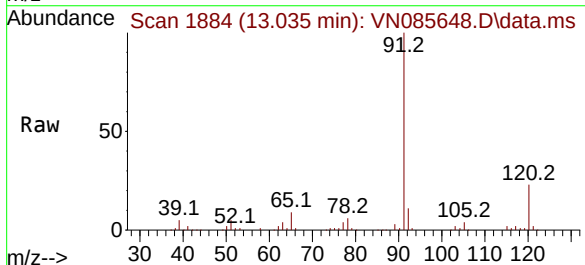
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

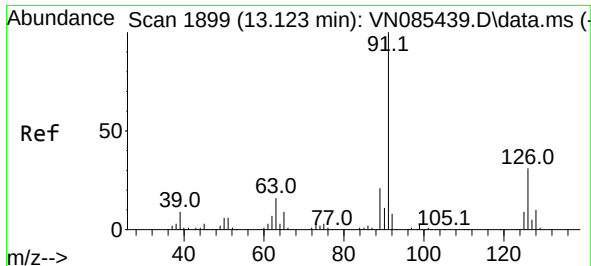
Tgt Ion:156 Resp: 52063
Ion Ratio Lower Upper
156 100
77 219.9 114.1 342.4
158 96.7 48.9 146.8



#78
n-propylbenzene
Concen: 17.785 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 91 Resp: 244603
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.6

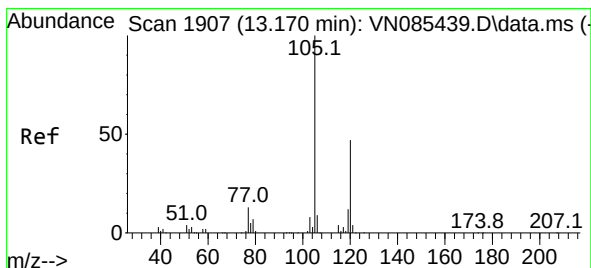
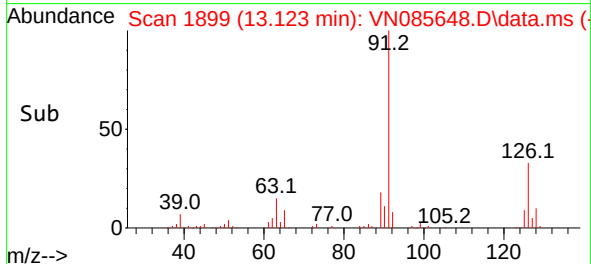
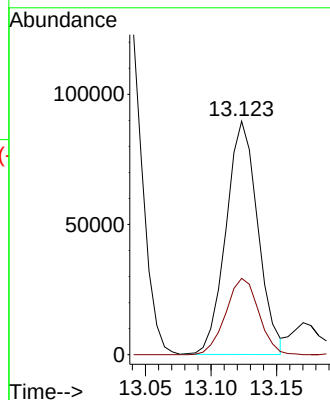
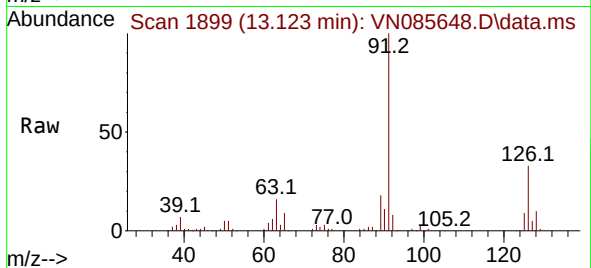




#79
2-Chlorotoluene
Concen: 17.026 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

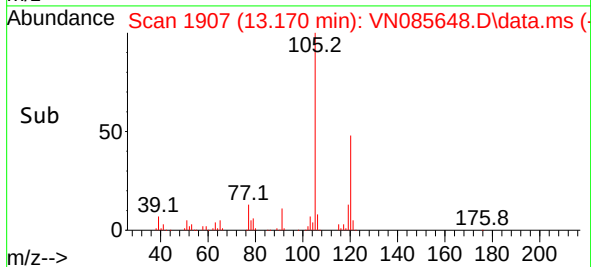
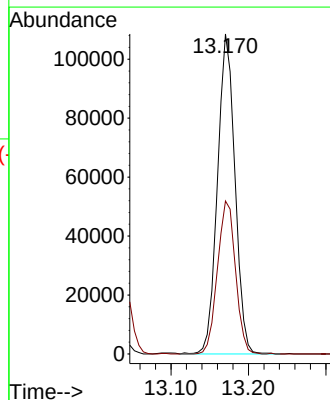
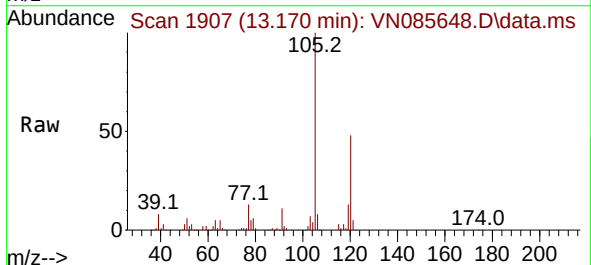
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

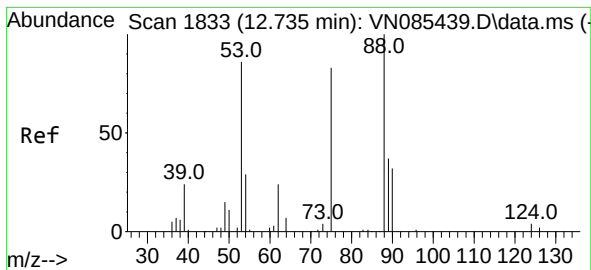
Tgt Ion: 91 Resp: 151553
Ion Ratio Lower Upper
91 100
126 33.9 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 17.736 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 105 Resp: 170197
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

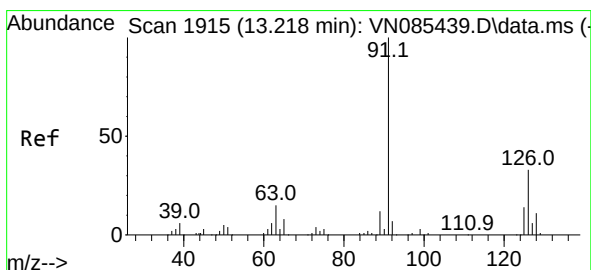
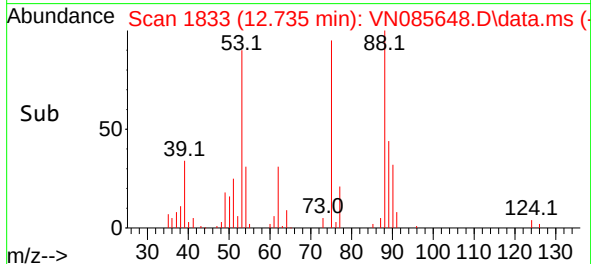
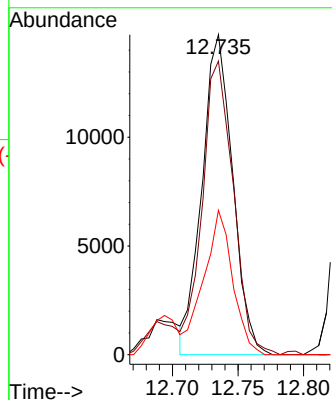
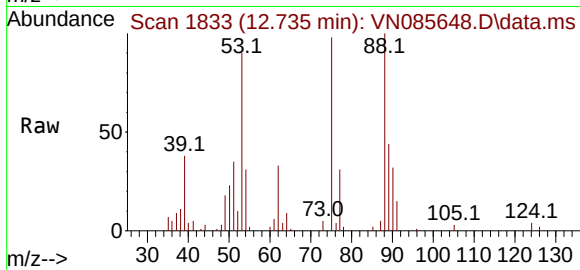




#81
trans-1,4-Dichloro-2-butene
Concen: 18.541 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

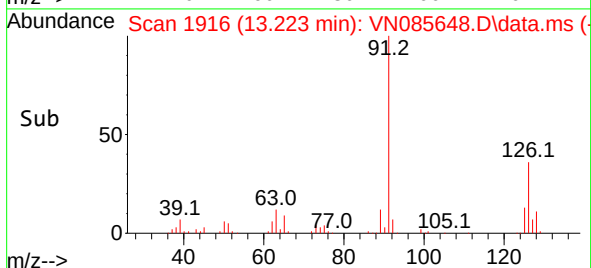
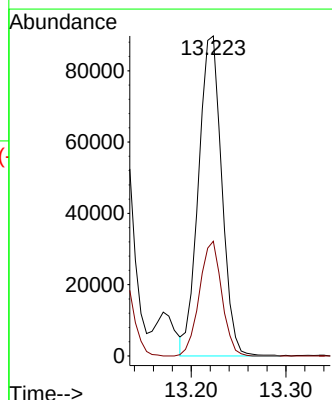
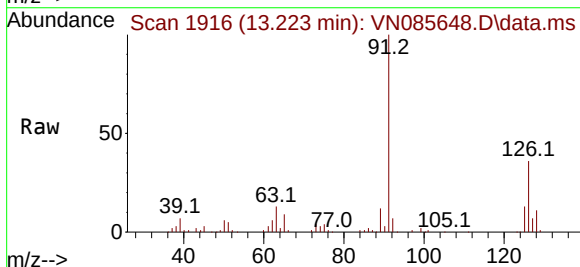
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

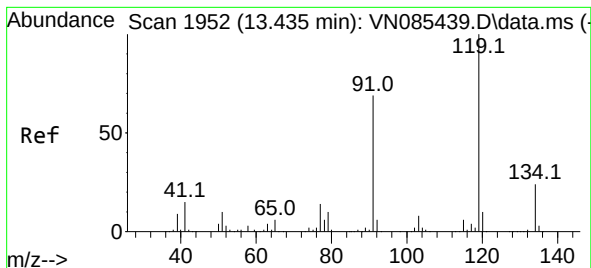
Tgt Ion: 75 Resp: 23976
Ion Ratio Lower Upper
75 100
53 92.4 95.6 143.4#
89 42.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 17.315 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 91 Resp: 153459
Ion Ratio Lower Upper
91 100
126 34.4 15.9 47.7





#83

tert-Butylbenzene

Concen: 17.365 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

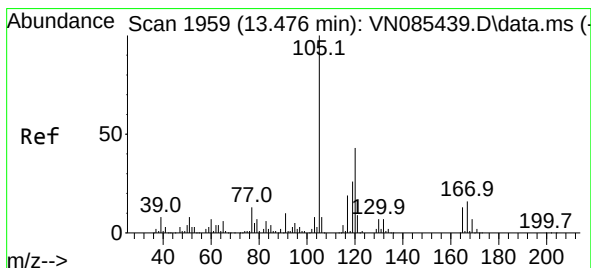
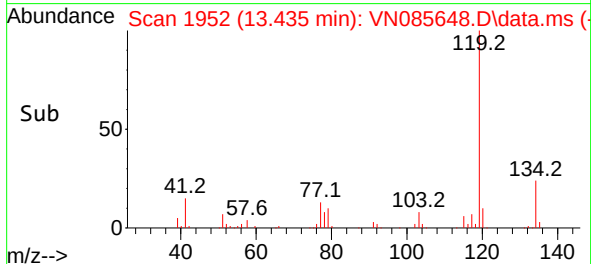
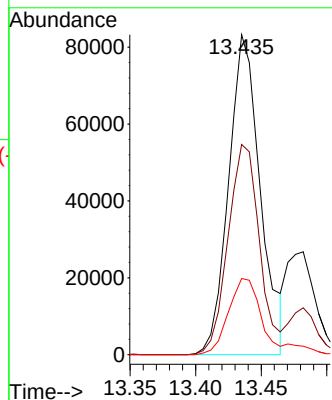
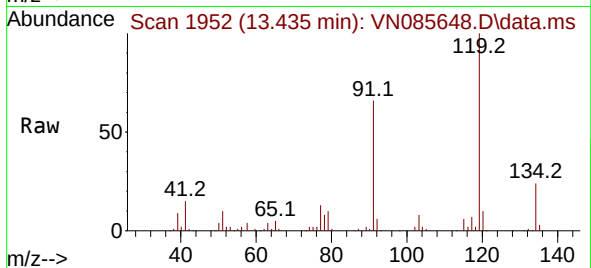
Tgt Ion:119 Resp: 139941

Ion Ratio Lower Upper

119 100

91 65.3 35.1 105.3

134 26.5 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 17.852 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085648.D

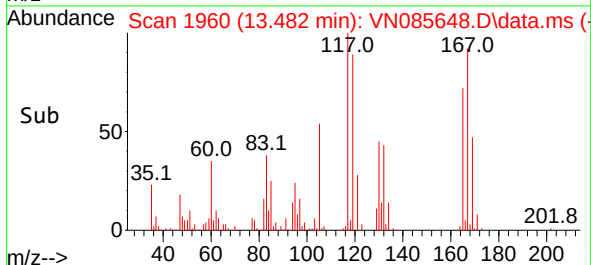
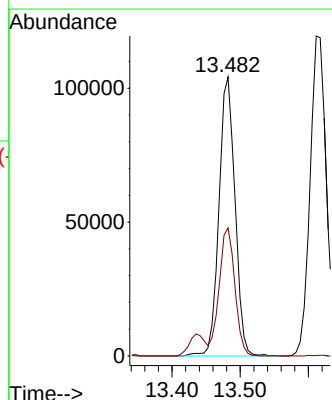
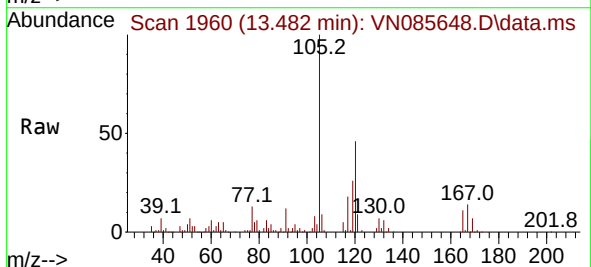
Acq: 04 Feb 2025 13:38

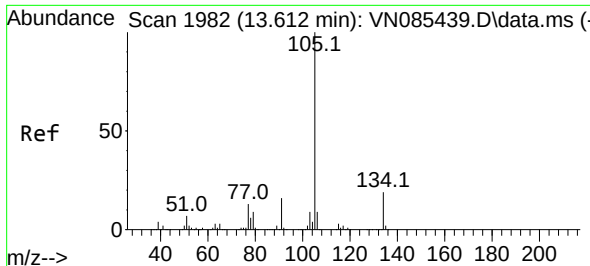
Tgt Ion:105 Resp: 170742

Ion Ratio Lower Upper

105 100

120 45.0 21.6 65.0

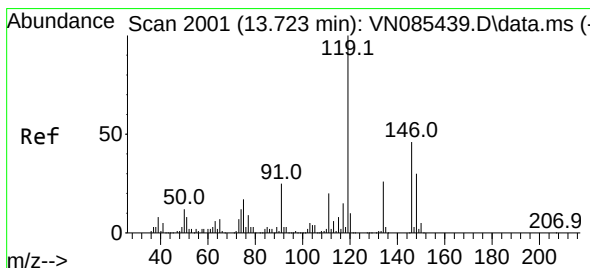
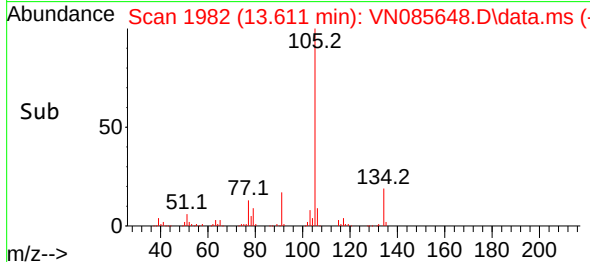
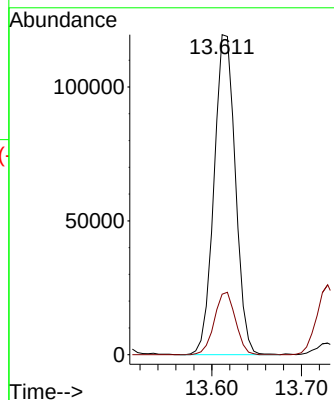
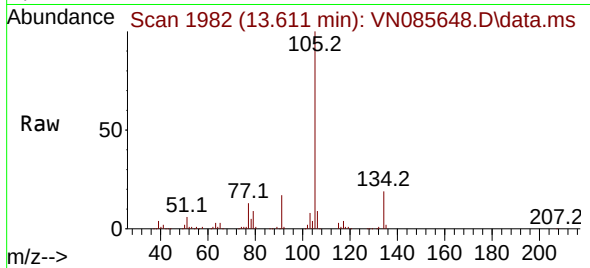




#85
 sec-Butylbenzene
 Concen: 17.669 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.001 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

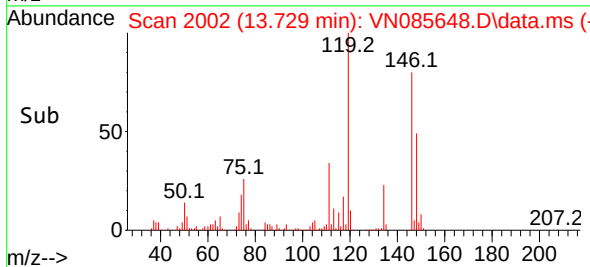
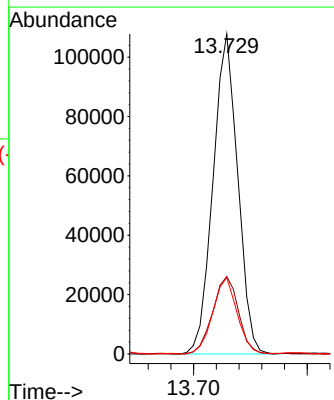
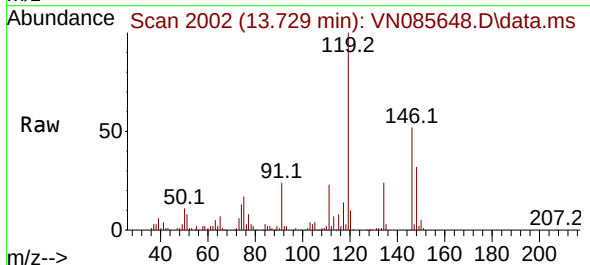
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

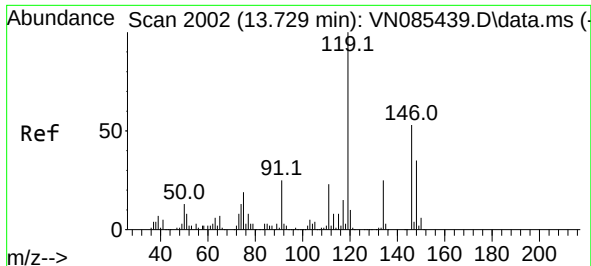
Tgt Ion:105 Resp: 197340
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 17.592 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion:119 Resp: 162692
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 23.7 12.7 38.1

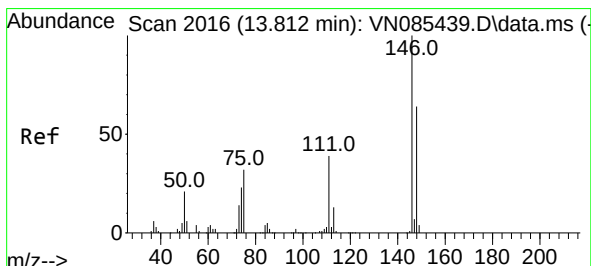
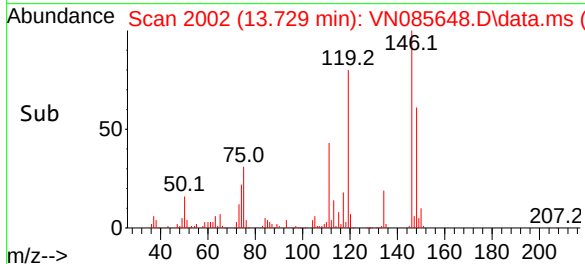
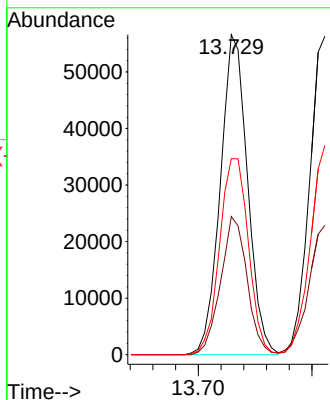
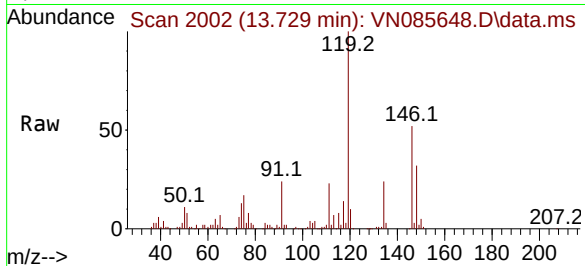




#87
 1,3-Dichlorobenzene
 Concen: 16.846 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

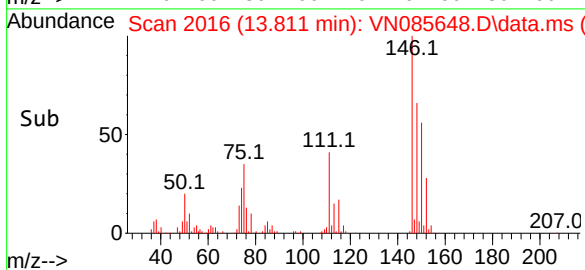
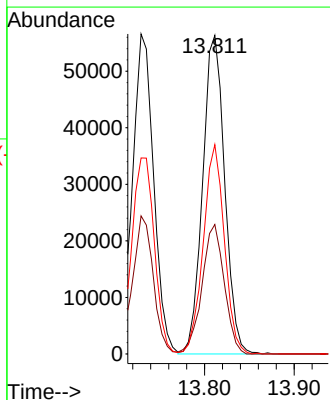
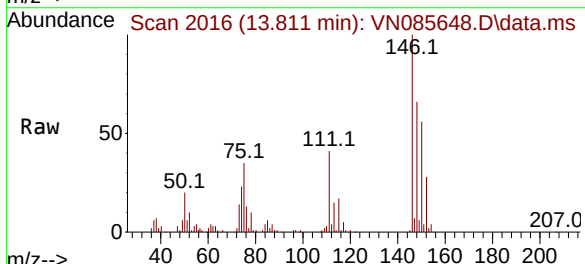
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

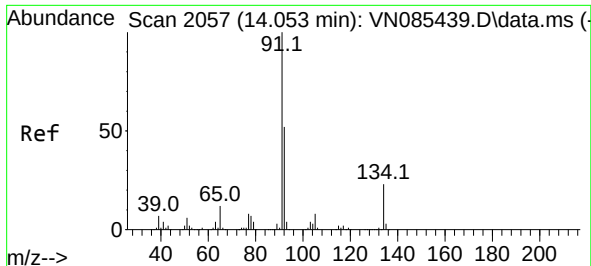
Tgt Ion:146 Resp: 94164
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 65.0 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 16.582 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN085648.D
 Acq: 04 Feb 2025 13:38

Tgt Ion:146 Resp: 96076
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.3 63.7
 148 63.0 32.4 97.0

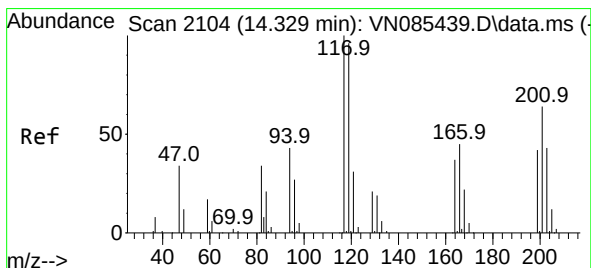
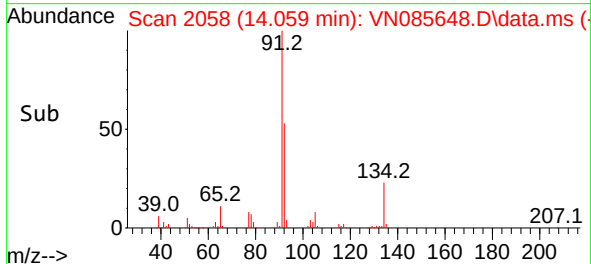
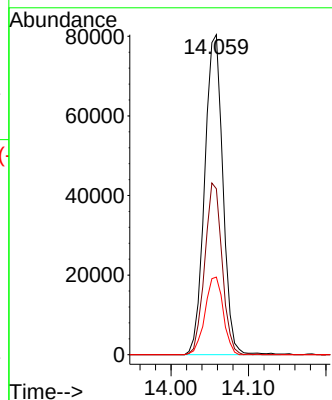
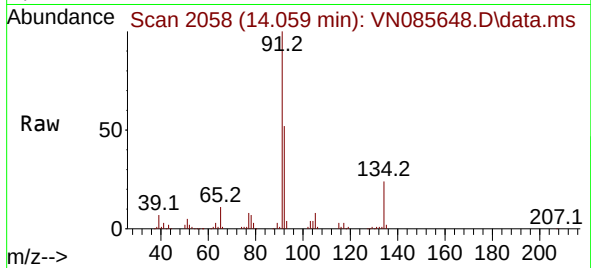




#89
n-Butylbenzene
Concen: 16.347 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

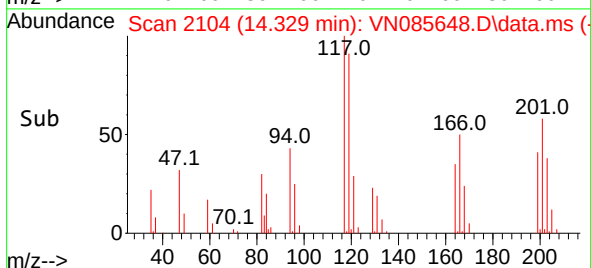
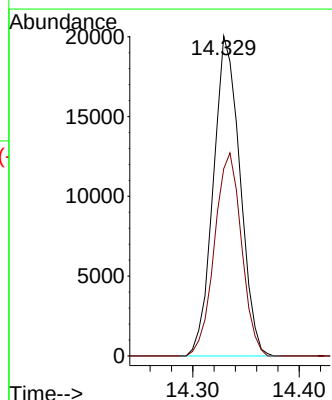
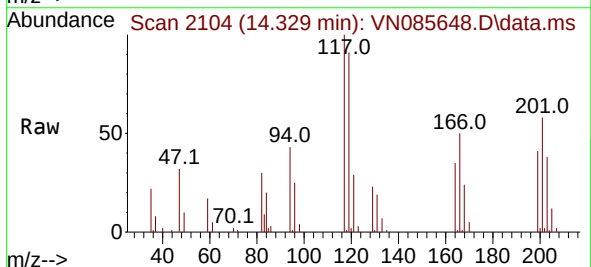
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

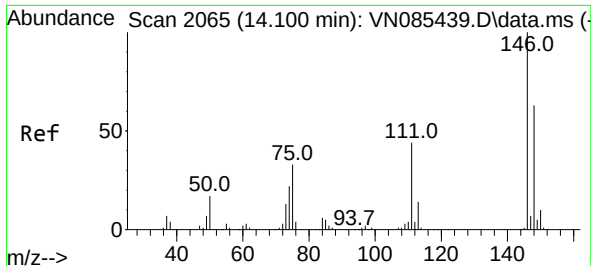
Tgt Ion: 91 Resp: 130982
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.3
134 24.3 11.7 35.1



#90
Hexachloroethane
Concen: 16.386 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085648.D
Acq: 04 Feb 2025 13:38

Tgt Ion: 117 Resp: 34840
Ion Ratio Lower Upper
117 100
201 64.3 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 16.418 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

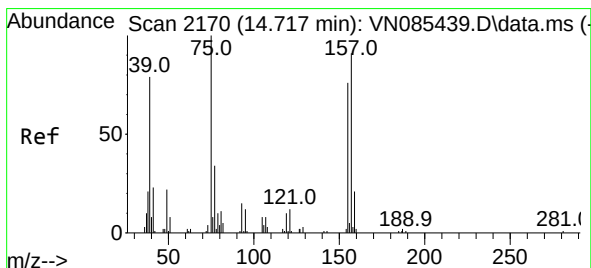
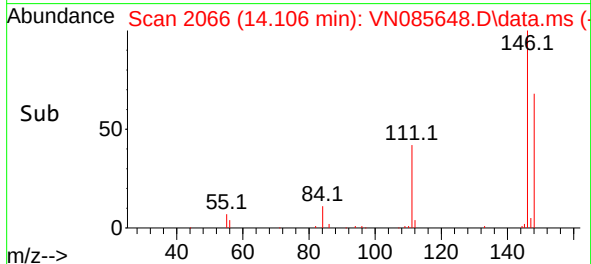
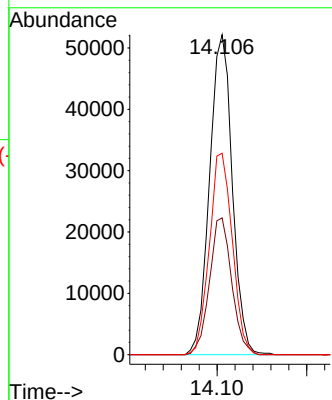
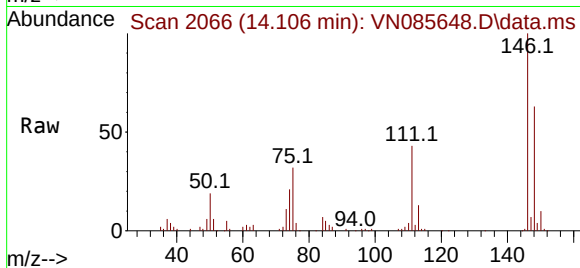
Tgt Ion:146 Resp: 91540

Ion Ratio Lower Upper

146 100

111 41.9 21.7 65.1

148 63.7 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.281 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

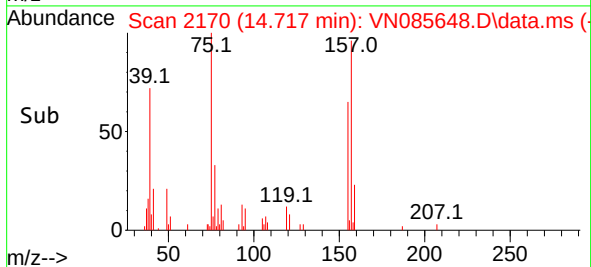
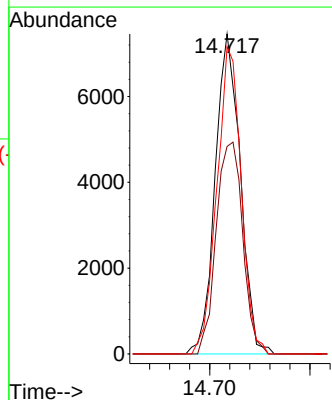
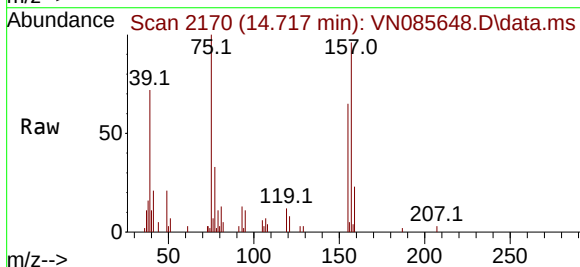
Tgt Ion: 75 Resp: 12950

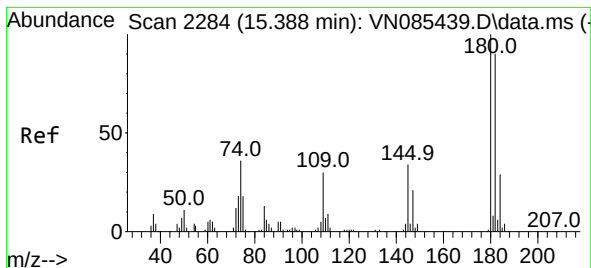
Ion Ratio Lower Upper

75 100

155 69.8 36.4 109.2

157 93.0 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 16.313 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

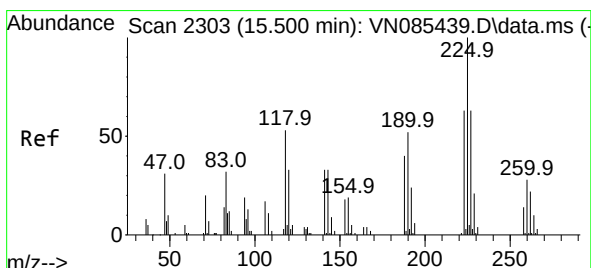
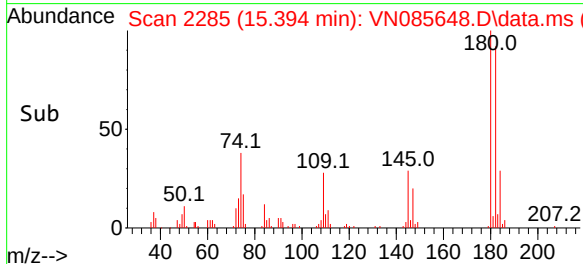
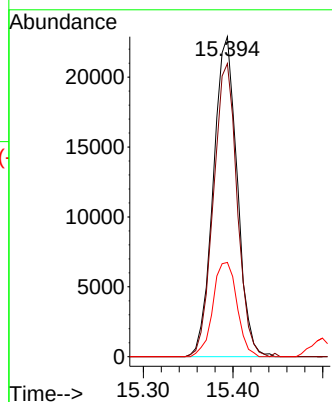
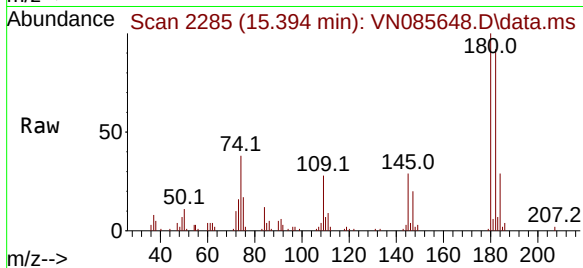
Tgt Ion:180 Resp: 42273

Ion Ratio Lower Upper

180 100

182 90.7 46.8 140.3

145 29.8 16.0 48.0



#94

Hexachlorobutadiene

Concen: 14.810 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

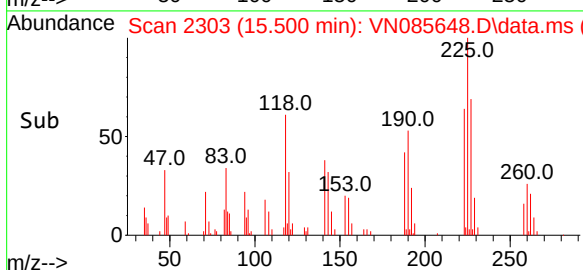
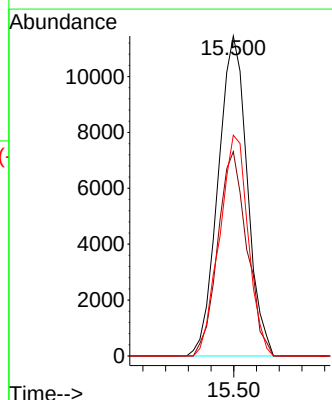
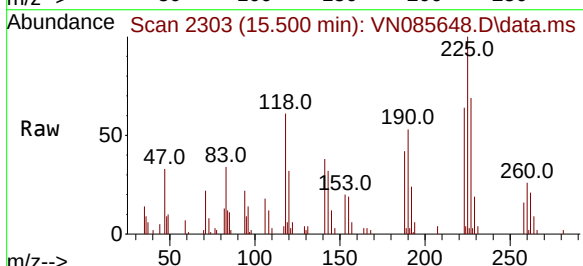
Tgt Ion:225 Resp: 20375

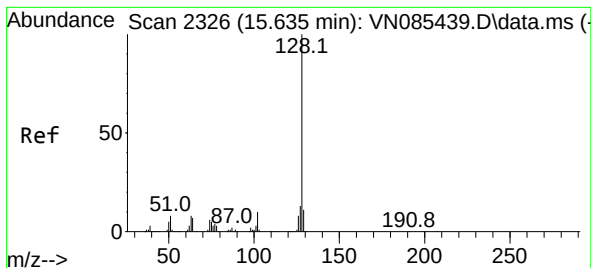
Ion Ratio Lower Upper

225 100

223 63.8 30.7 92.1

227 67.8 30.9 92.5





#95

Naphthalene

Concen: 15.843 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

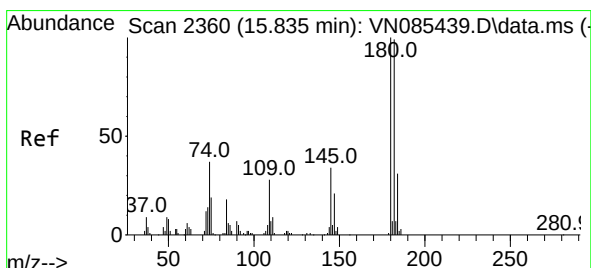
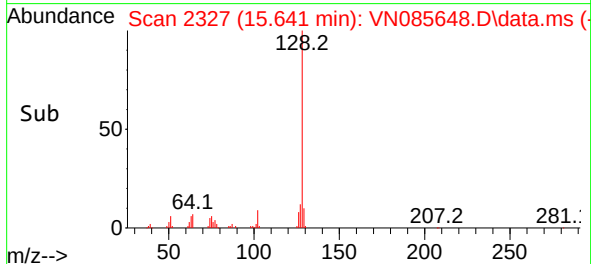
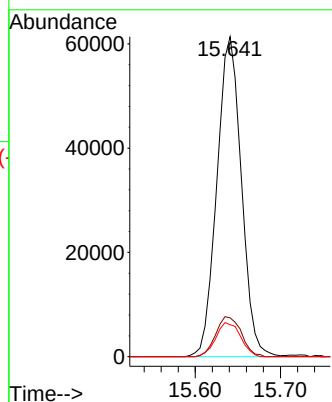
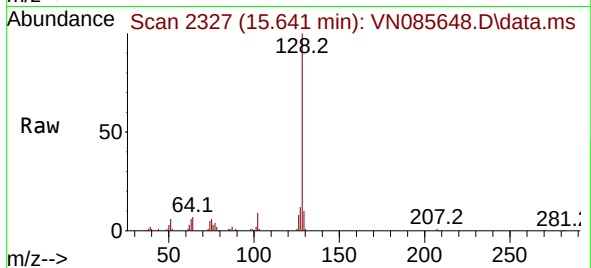
Tgt Ion:128 Resp: 122511

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 15.759 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085648.D

Acq: 04 Feb 2025 13:38

Tgt Ion:180 Resp: 41321

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 33.5 16.9 50.7

