

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011425\
 Data File : VN085442.D
 Acq On : 14 Jan 2025 16:31
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 15 01:45:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 01:28:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	186556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	17046	5.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.320%#
35) Dibromofluoromethane	8.165	113	12102	5.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.760%#
50) Toluene-d8	10.565	98	41328	5.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.340%#
62) 4-Bromofluorobenzene	12.847	95	13520	4.943	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	13199	5.225	ug/l	97
3) Chloromethane	2.359	50	14526	5.311	ug/l	96
4) Vinyl Chloride	2.512	62	14564	5.298	ug/l	98
5) Bromomethane	2.953	94	9788	5.895	ug/l	98
6) Chloroethane	3.124	64	9430	5.411	ug/l	99
7) Trichlorofluoromethane	3.501	101	20098	5.039	ug/l	92
8) Diethyl Ether	3.959	74	6652	4.828	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	11917	5.305	ug/l	97
10) Methyl Iodide	4.583	142	12331	4.793	ug/l	99
11) Tert butyl alcohol	5.518	59	9075	26.318	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	10429	5.209	ug/l	96
13) Acrolein	4.171	56	9430	20.033	ug/l	97
14) Allyl chloride	5.030	41	16741	5.153	ug/l	97
15) Acrylonitrile	5.718	53	27869	25.445	ug/l	97
16) Acetone	4.430	43	25122	25.819	ug/l	97
17) Carbon Disulfide	4.706	76	32068	5.202	ug/l	96
18) Methyl Acetate	5.024	43	15106	5.106	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	31439	4.836	ug/l	94
20) Methylene Chloride	5.271	84	12981	5.389	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	10614	4.960	ug/l #	78
22) Diisopropyl ether	6.665	45	35785	4.962	ug/l #	96
23) Vinyl Acetate	6.600	43	139425	27.533	ug/l	96
24) 1,1-Dichloroethane	6.565	63	22865	5.200	ug/l	99
25) 2-Butanone	7.483	43	36127	25.231	ug/l	99
26) 2,2-Dichloropropane	7.488	77	18398	5.175	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	12477	4.951	ug/l	99
28) Bromochloromethane	7.806	49	11096	5.424	ug/l	99
29) Tetrahydrofuran	7.841	42	21983	24.215	ug/l	99
30) Chloroform	7.959	83	23384	5.146	ug/l	98
31) Cyclohexane	8.247	56	22343	5.846	ug/l #	92
32) 1,1,1-Trichloroethane	8.159	97	21416	5.372	ug/l	91
36) 1,1-Dichloropropene	8.371	75	15886	5.029	ug/l	96
37) Ethyl Acetate	7.553	43	15336	4.810	ug/l	100
38) Carbon Tetrachloride	8.359	117	18317	5.065	ug/l	96
39) Methylcyclohexane	9.600	83	14175	4.776	ug/l	98
40) Benzene	8.600	78	47833	5.040	ug/l	99

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 15 01:45:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 01:28:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	7380	4.449	ug/l	96
42) 1,2-Dichloroethane	8.671	62	18628	5.211	ug/l	98
43) Isopropyl Acetate	8.688	43	24792	4.853	ug/l	98
44) Trichloroethene	9.347	130	11133	5.039	ug/l	86
45) 1,2-Dichloropropane	9.618	63	12591	5.194	ug/l	92
46) Dibromomethane	9.700	93	8230	4.705	ug/l	91
47) Bromodichloromethane	9.888	83	18456	5.179	ug/l #	96
48) Methyl methacrylate	9.677	41	10574	4.599	ug/l	95
49) 1,4-Dioxane	9.694	88	3619	93.477	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	71889	24.250	ug/l	98
52) Toluene	10.629	92	27098	4.928	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	17099	5.077	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	17440	4.848	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	11311	5.197	ug/l	96
56) Ethyl methacrylate	10.871	69	14094	5.627	ug/l	94
57) 1,3-Dichloropropane	11.159	76	18945	5.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	33210	24.047	ug/l	97
59) 2-Hexanone	11.194	43	49021	23.501	ug/l	94
60) Dibromochloromethane	11.353	129	13635	5.190	ug/l	96
61) 1,2-Dibromoethane	11.471	107	10419	4.810	ug/l	98
64) Tetrachloroethene	11.100	164	9756	5.071	ug/l	91
65) Chlorobenzene	11.888	112	31312	5.065	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	11620	5.121	ug/l	98
67) Ethyl Benzene	11.965	91	48216	4.789	ug/l	98
68) m/p-Xylenes	12.065	106	34771	9.344	ug/l	99
69) o-Xylene	12.394	106	16419	4.617	ug/l	98
70) Styrene	12.412	104	26218	4.454	ug/l	99
71) Bromoform	12.576	173	8017	4.938	ug/l #	99
73) Isopropylbenzene	12.694	105	39811	4.678	ug/l	99
74) N-amyl acetate	12.488	43	17577	4.595	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	15483	5.151	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	18624	7.279	ug/l	48
77) Bromobenzene	12.982	156	11091	4.989	ug/l	99
78) n-propylbenzene	13.035	91	45450	4.512	ug/l	99
79) 2-Chlorotoluene	13.123	91	31932	4.898	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	31891	4.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	4229	4.465	ug/l	90
82) 4-Chlorotoluene	13.218	91	31976	4.926	ug/l	100
83) tert-Butylbenzene	13.435	119	27597	4.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	32054	4.575	ug/l	98
85) sec-Butylbenzene	13.612	105	38148	4.663	ug/l	98
86) p-Isopropyltoluene	13.723	119	29856	4.584	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	20876	5.099	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	21982	5.179	ug/l	97
89) n-Butylbenzene	14.053	91	27437	4.675	ug/l	96
90) Hexachloroethane	14.329	117	7767	4.987	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	20177	4.940	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	2872	5.232	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	9037	4.761	ug/l	94
94) Hexachlorobutadiene	15.500	225	5563	5.520	ug/l	98
95) Naphthalene	15.641	128	25047	4.422	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	8737	4.549	ug/l	99

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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

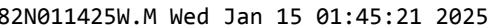
Instrument :
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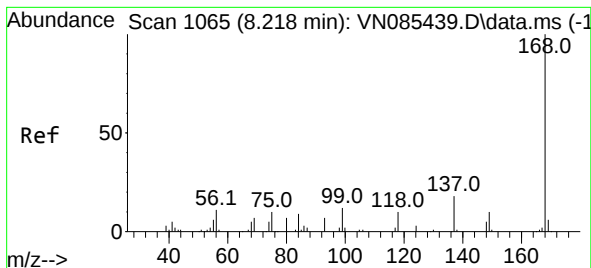
Quant Time: Jan 15 01:45:08 2025
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Quant Title : SW846 8260
QLast Update : Wed Jan 15 01:28:51 2025
Response via : Initial Calibration

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

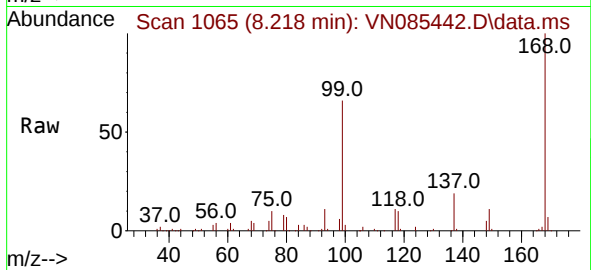
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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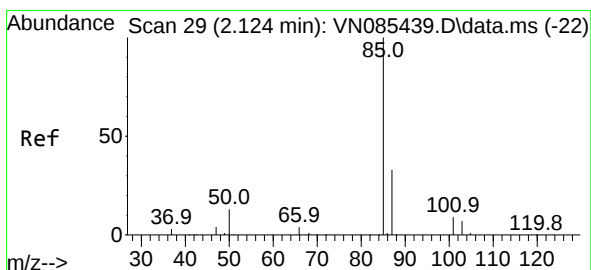
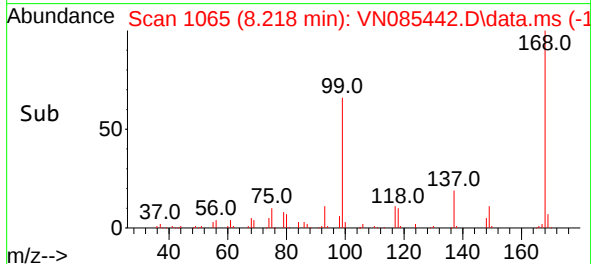
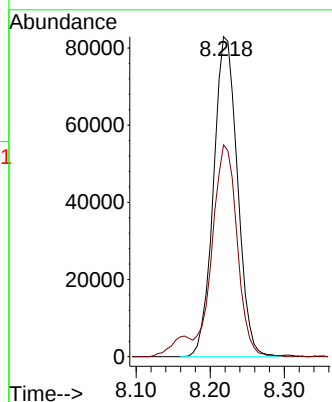


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085442.D
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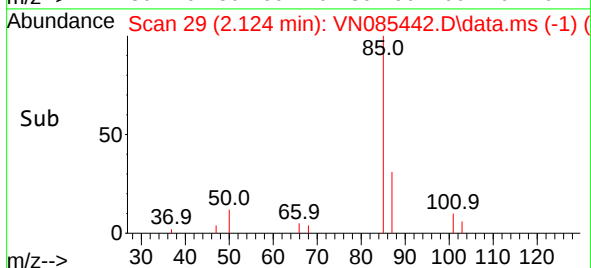
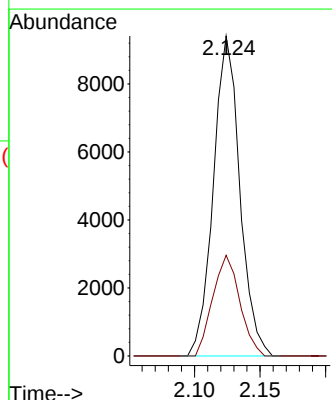
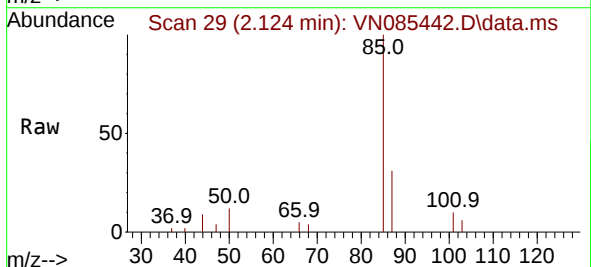


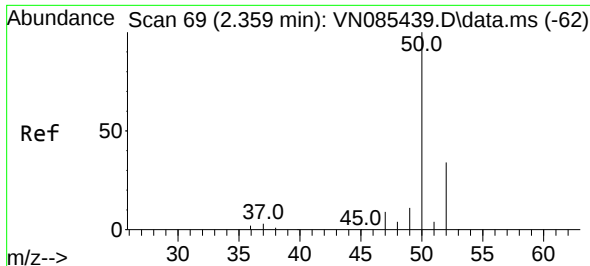
Tgt Ion:168 Resp: 186556
Ion Ratio Lower Upper
168 100
99 65.9 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 5.225 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

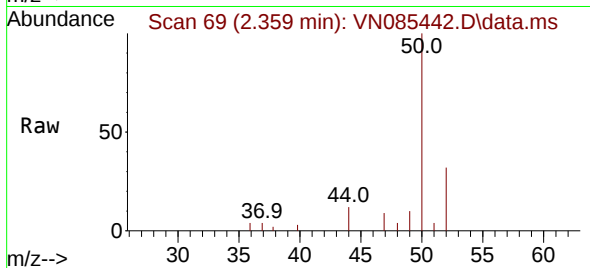
Tgt Ion: 85 Resp: 13199
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1



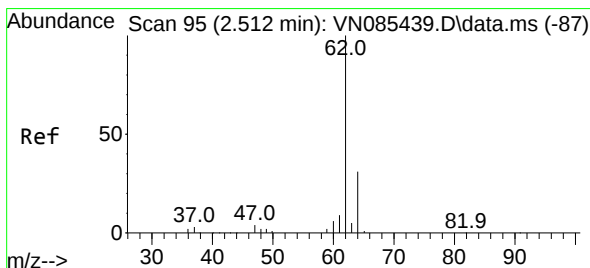
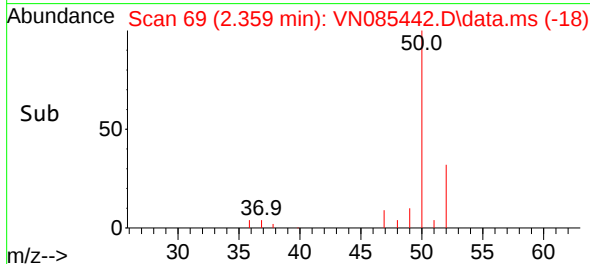
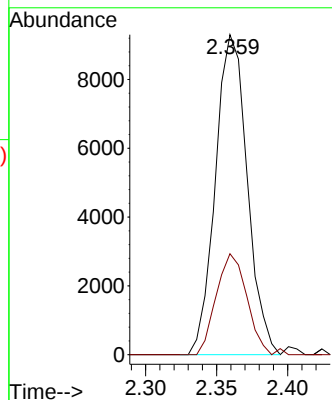


#3
Chloromethane
Concen: 5.311 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :

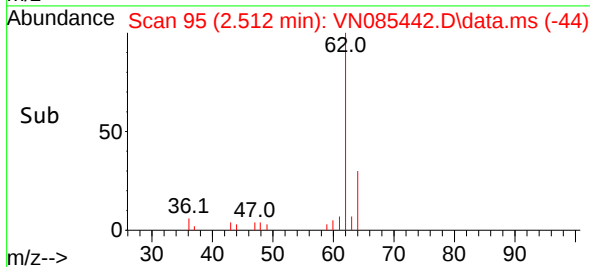
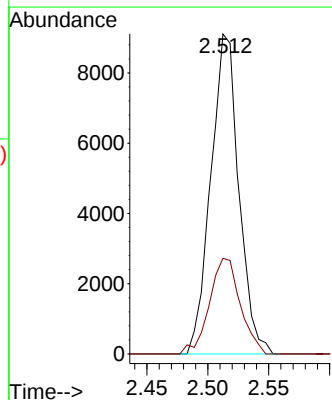
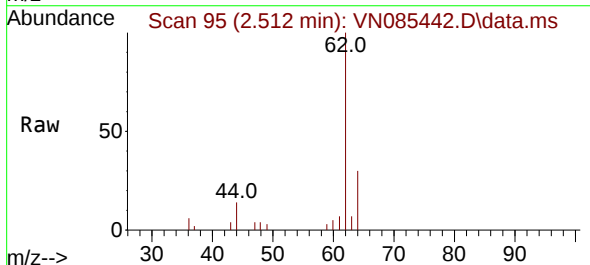


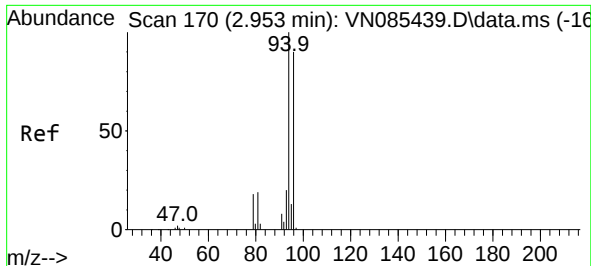
Tgt Ion: 50 Resp: 14526
Ion Ratio Lower Upper
50 100
52 31.6 27.0 40.6



#4
Vinyl Chloride
Concen: 5.298 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 62 Resp: 14564
Ion Ratio Lower Upper
62 100
64 29.9 24.8 37.2

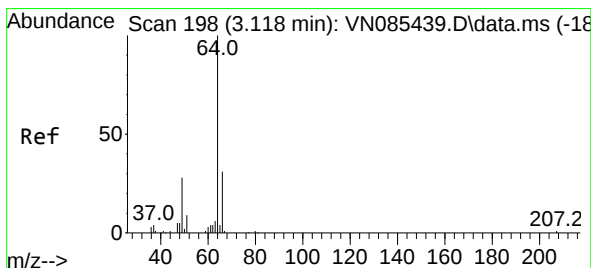
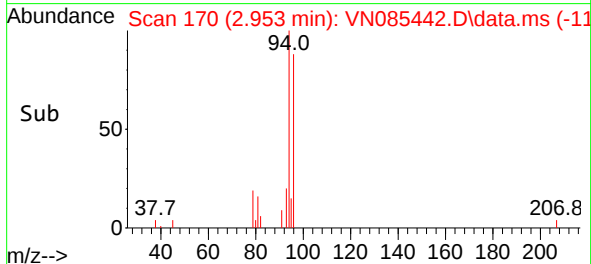
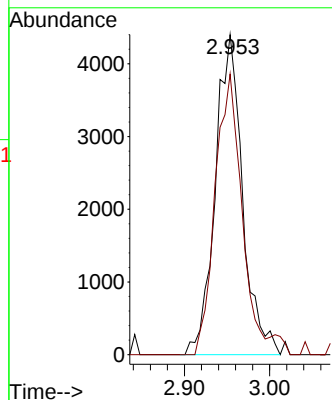
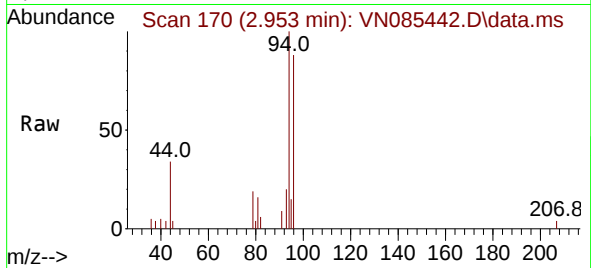




#5
Bromomethane
Concen: 5.895 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

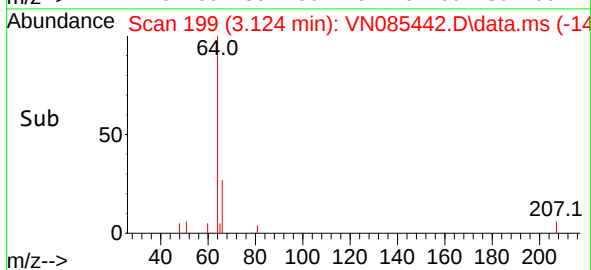
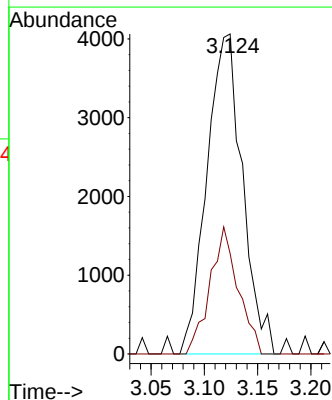
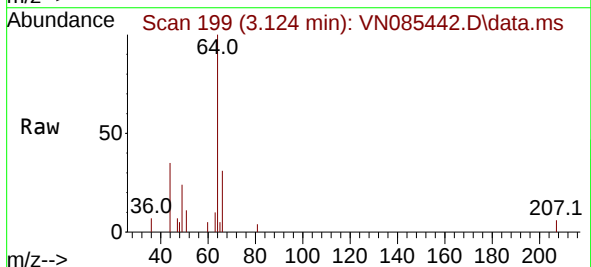
Instrument :
MSVOA_N
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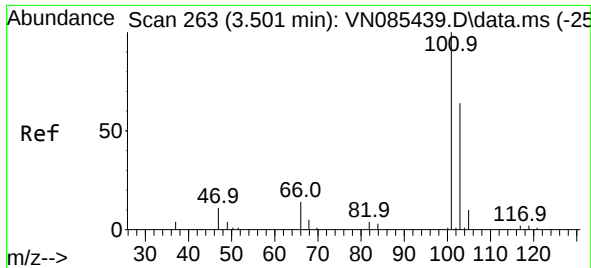
Tgt Ion: 94 Resp: 9788
Ion Ratio Lower Upper
94 100
96 87.7 71.8 107.6



#6
Chloroethane
Concen: 5.411 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 64 Resp: 9430
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8

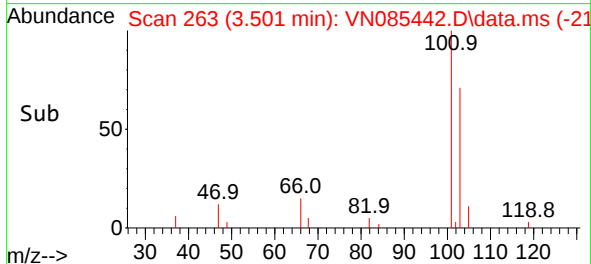
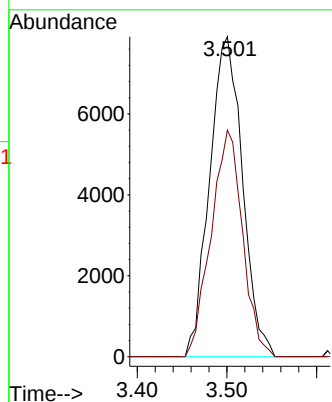
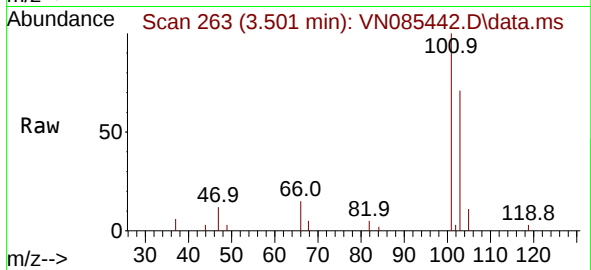




#7
 Trichlorofluoromethane
 Concen: 5.039 ug/l
 RT: 3.501 min Scan# 209
 Delta R.T. 0.000 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

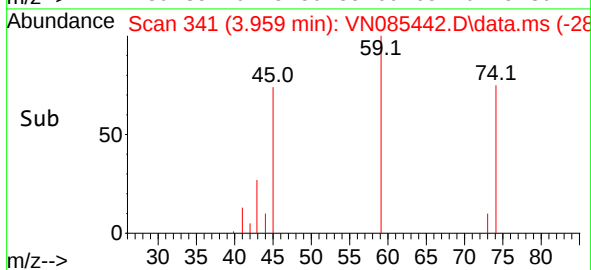
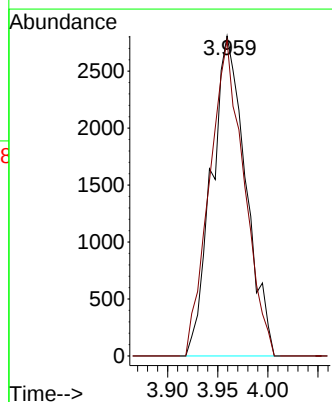
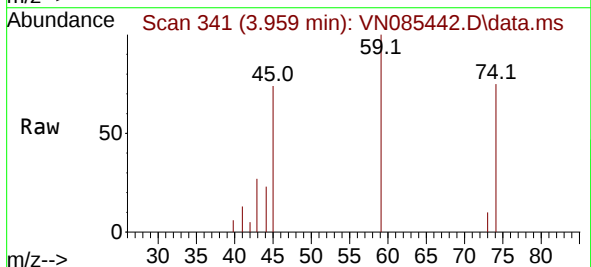
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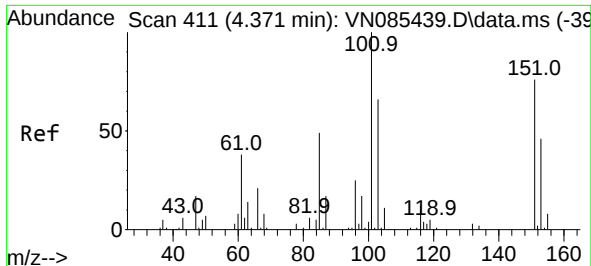
Tgt Ion:101 Resp: 20098
 Ion Ratio Lower Upper
 101 100
 103 70.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 4.828 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

Tgt Ion: 74 Resp: 6652
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.7 149.1

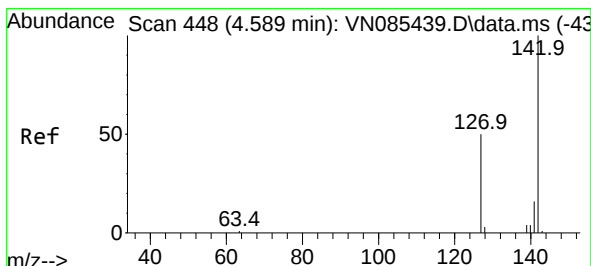
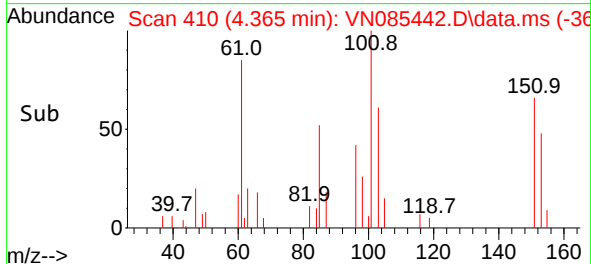
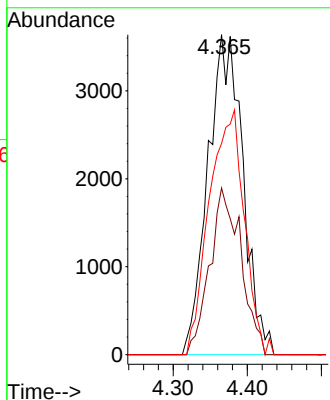
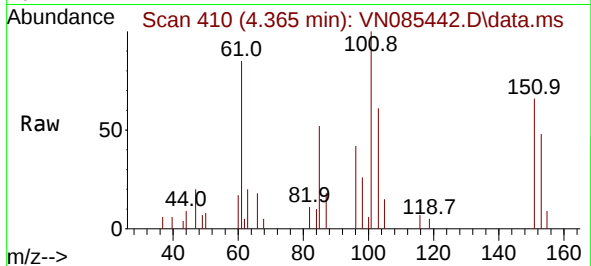




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.305 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085442.D
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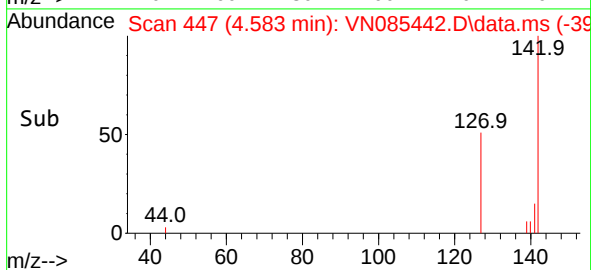
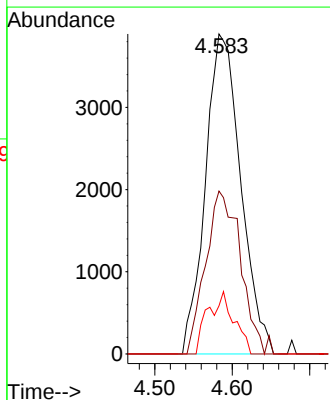
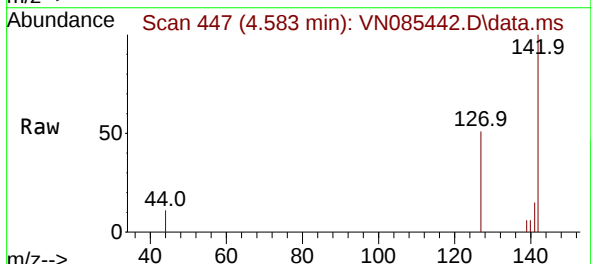
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 11917
Ion Ratio Lower Upper
101 100
85 46.5 37.8 56.8
151 76.7 58.8 88.2



#10
Methyl Iodide
Concen: 4.793 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

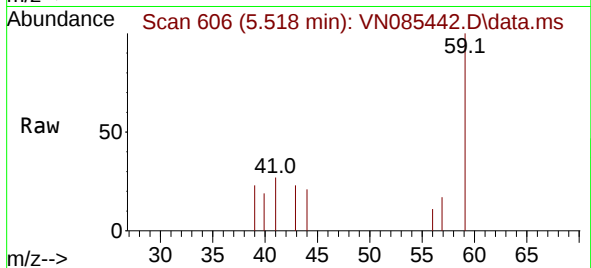
Tgt Ion:142 Resp: 12331
Ion Ratio Lower Upper
142 100
127 50.9 40.3 60.5
141 15.0 12.8 19.2



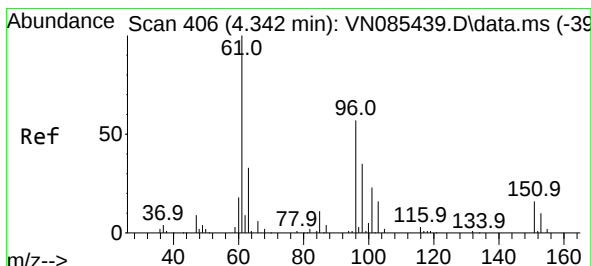
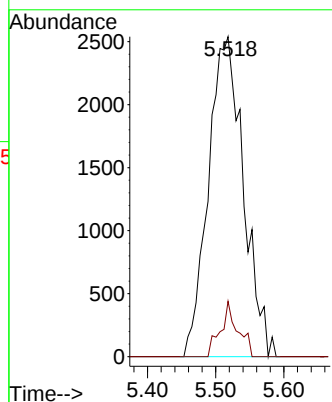
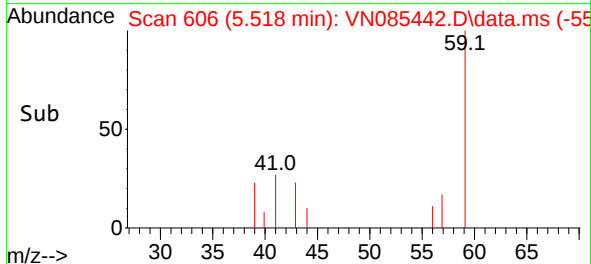


#11
Tert butyl alcohol
Concen: 26.318 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

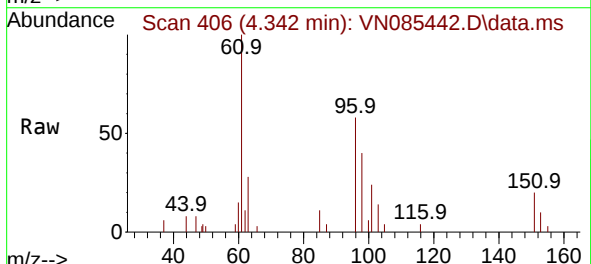
Instrument :
MSVOA_N
ClientSampleId :



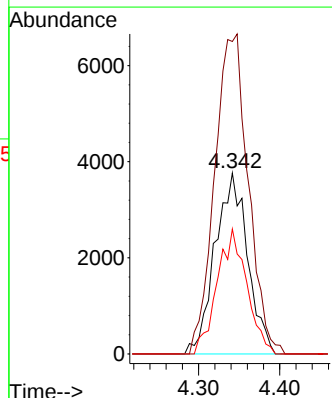
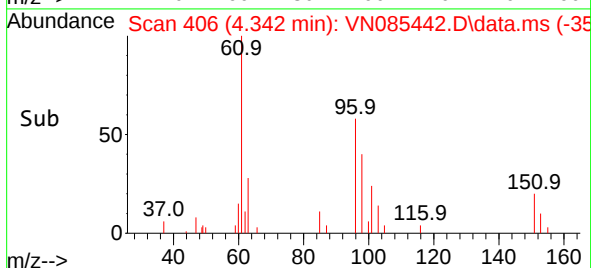
Tgt Ion: 59 Resp: 9075
Ion Ratio Lower Upper
59 100
57 8.5 8.6 13.0#

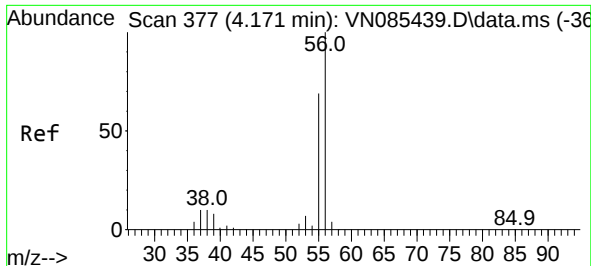


#12
1,1-Dichloroethene
Concen: 5.209 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31



Tgt Ion: 96 Resp: 10429
Ion Ratio Lower Upper
96 100
61 172.7 141.0 211.4
98 69.0 49.0 73.6





#13

Acrolein

Concen: 20.033 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

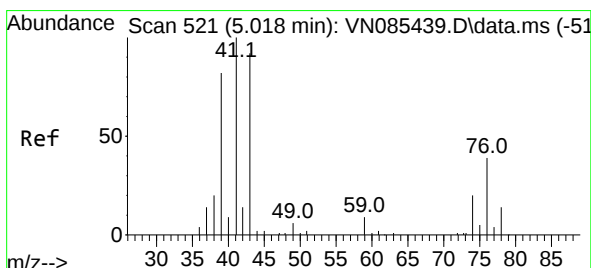
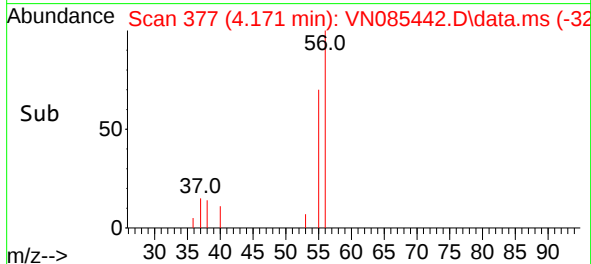
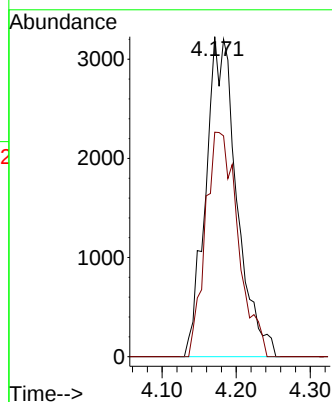
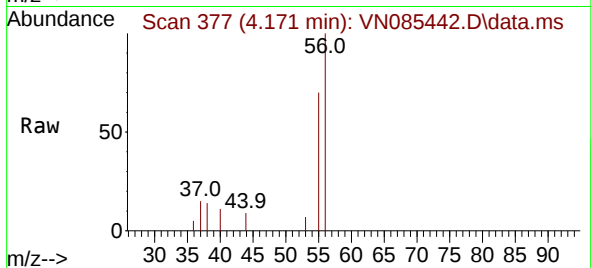
ClientSampleId :

Tgt Ion: 56 Resp: 9430

Ion Ratio Lower Upper

56 100

55 73.2 56.3 84.5



#14

Allyl chloride

Concen: 5.153 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

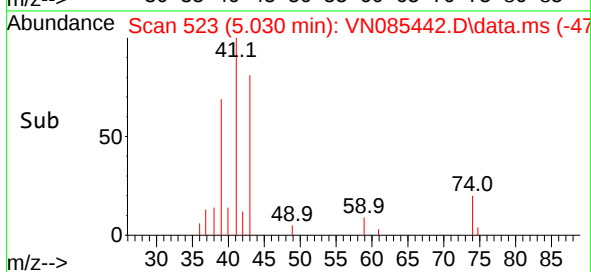
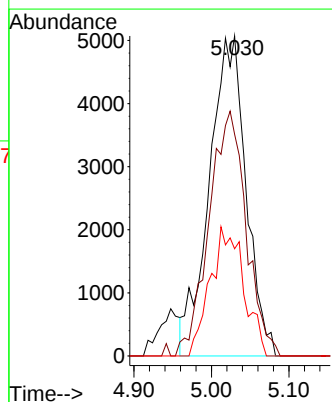
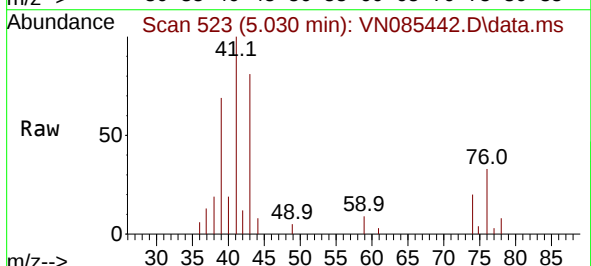
Tgt Ion: 41 Resp: 16741

Ion Ratio Lower Upper

41 100

39 77.4 64.4 96.6

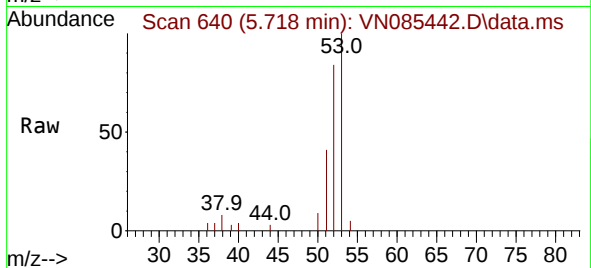
76 36.6 30.5 45.7



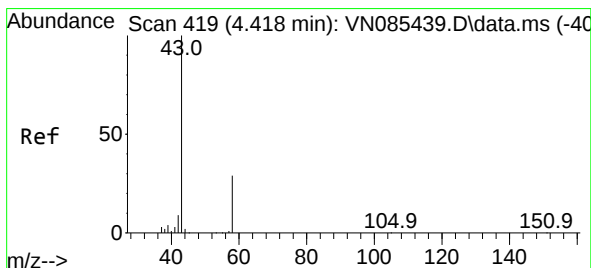
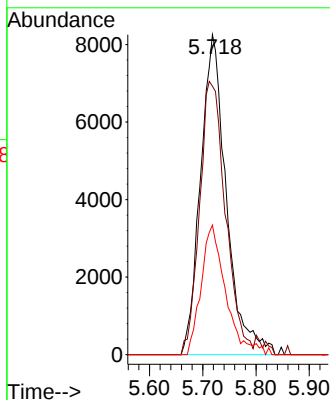
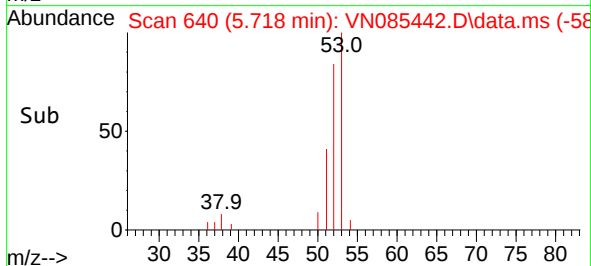


#15
Acrylonitrile
Concen: 25.445 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :

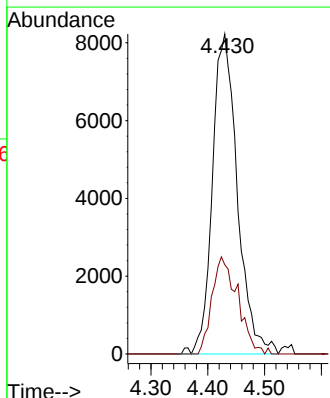
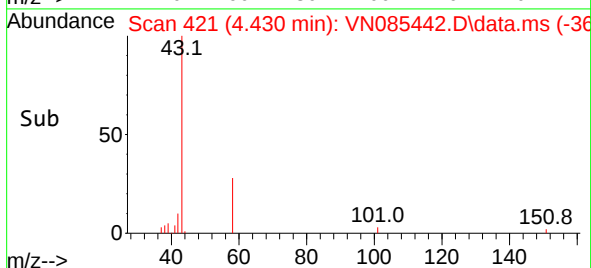
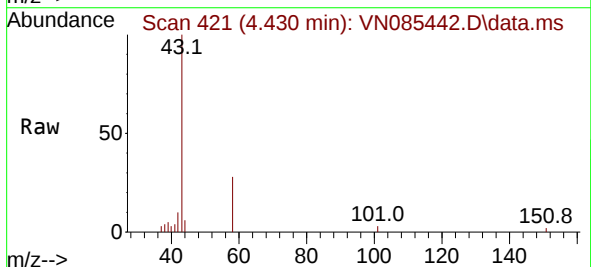


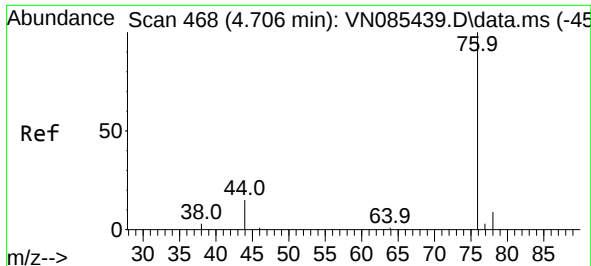
Tgt Ion: 53	Resp: 27869
Ion Ratio	Lower Upper
53 100	
52 85.5	65.5 98.3
51 38.5	29.8 44.8



#16
Acetone
Concen: 25.819 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

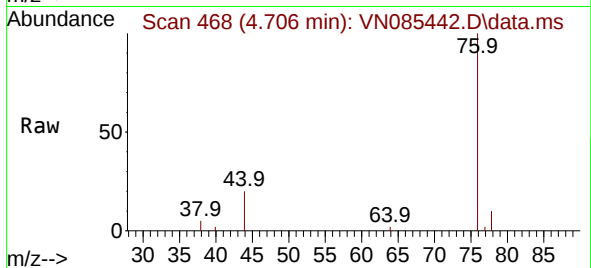
Tgt Ion: 43	Resp: 25122
Ion Ratio	Lower Upper
43 100	
58 27.9	23.8 35.6



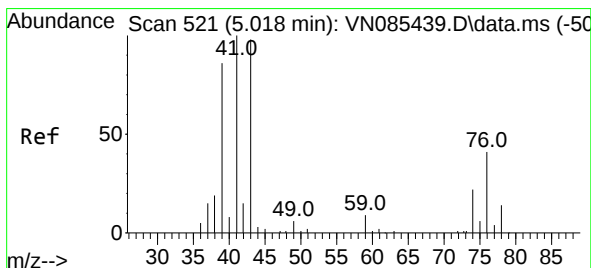
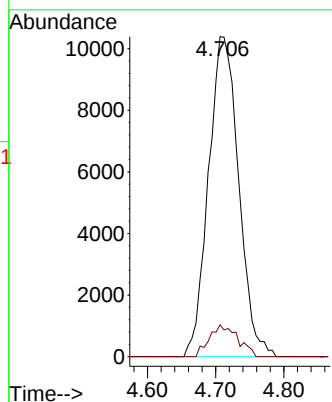
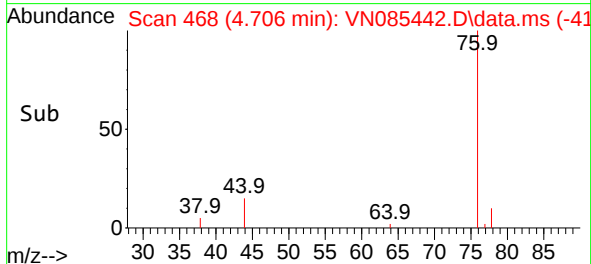


#17
Carbon Disulfide
Concen: 5.202 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :

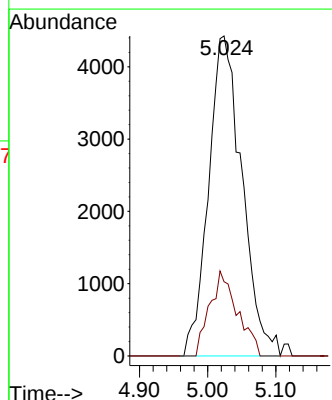
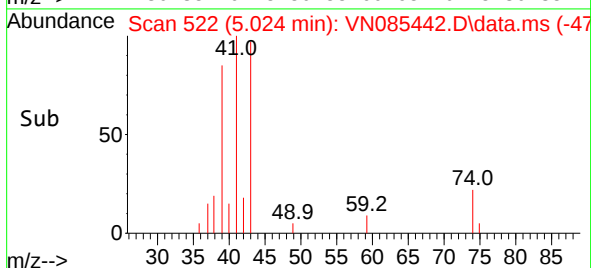
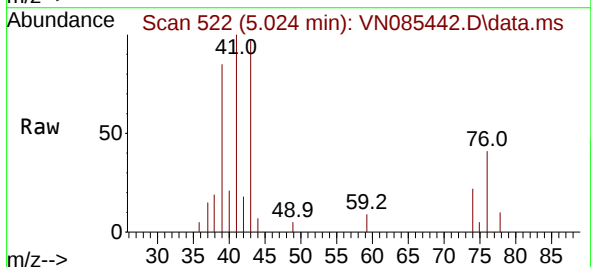


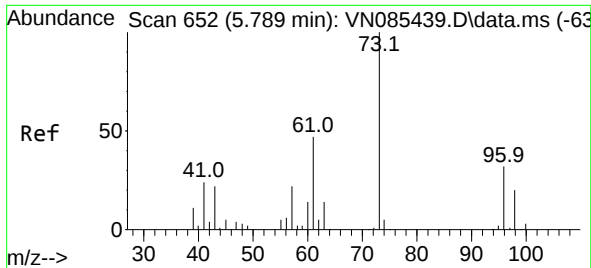
Tgt Ion: 76 Resp: 32068
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 5.106 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 15106
Ion Ratio Lower Upper
43 100
74 22.0 18.6 28.0

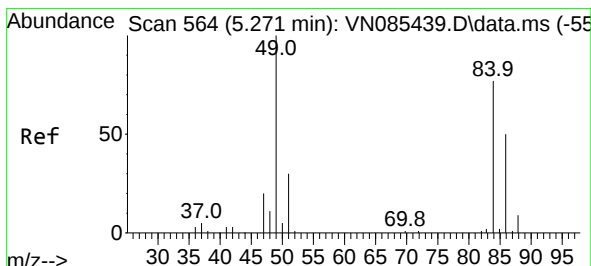
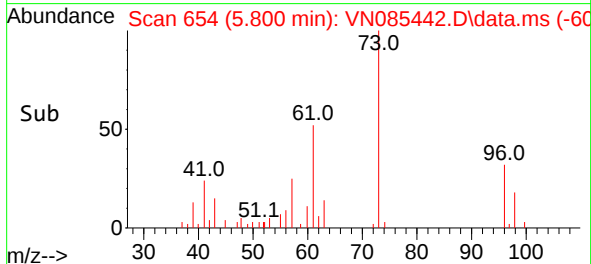
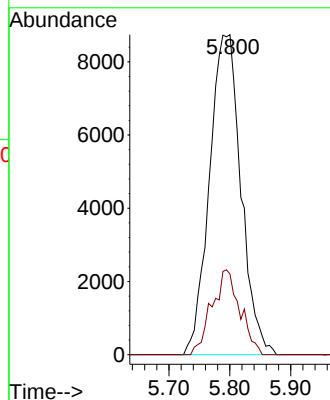
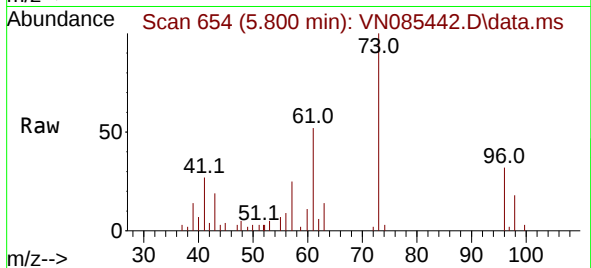




#19
Methyl tert-butyl Ether
Concen: 4.836 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

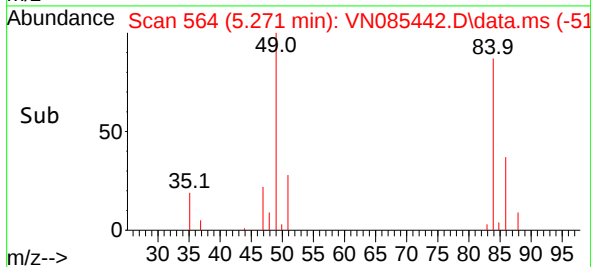
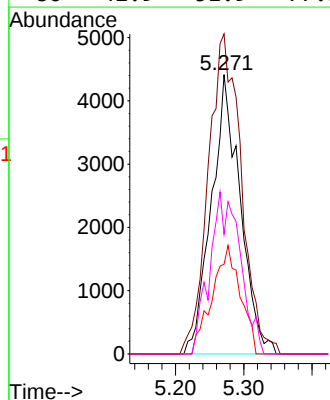
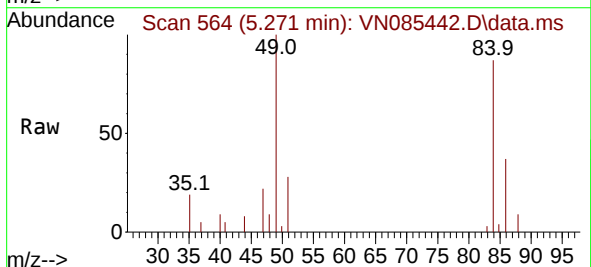
Instrument :
MSVOA_N
ClientSampleId :

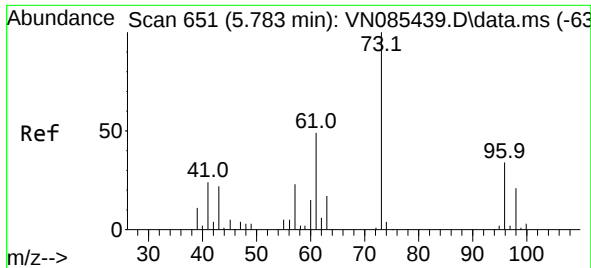
Tgt Ion: 73 Resp: 31439
Ion Ratio Lower Upper
73 100
57 25.2 17.8 26.8



#20
Methylene Chloride
Concen: 5.389 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 84 Resp: 12981
Ion Ratio Lower Upper
84 100
49 114.5 104.1 156.1
51 32.1 31.0 46.4
86 42.9 51.9 77.9#

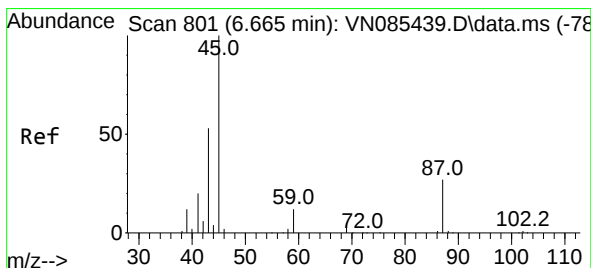
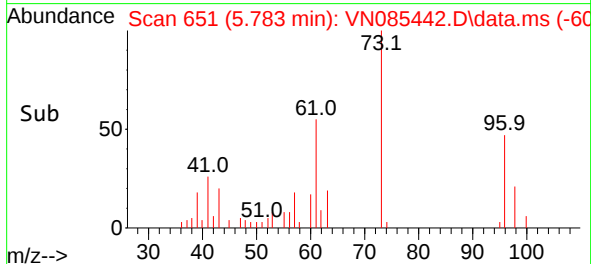
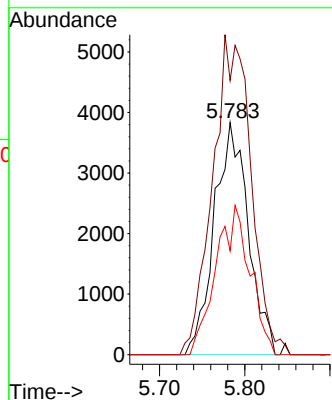
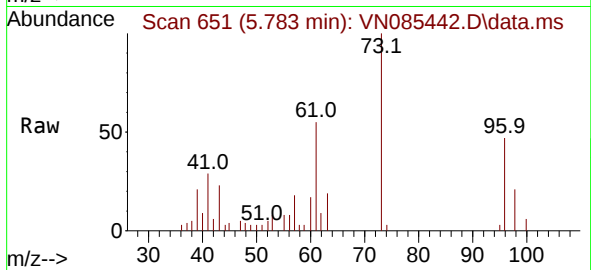




#21
trans-1,2-Dichloroethene
Concen: 4.960 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

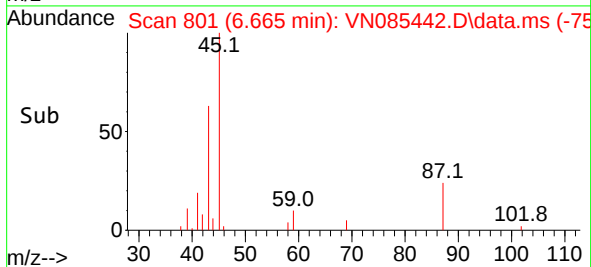
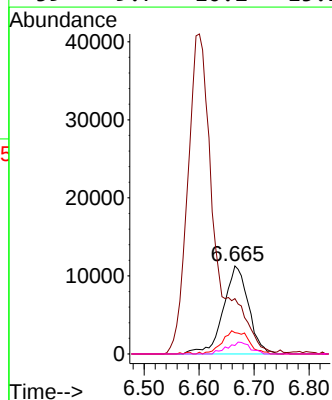
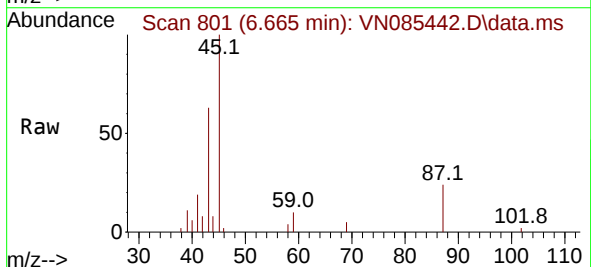
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 10614
Ion Ratio Lower Upper
96 100
61 118.1 115.7 173.5
98 44.7 49.8 74.8#



#22
Diisopropyl ether
Concen: 4.962 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 45 Resp: 35785
Ion Ratio Lower Upper
45 100
43 58.3 45.0 67.6
87 24.2 21.8 32.8
59 9.7 10.2 15.2#

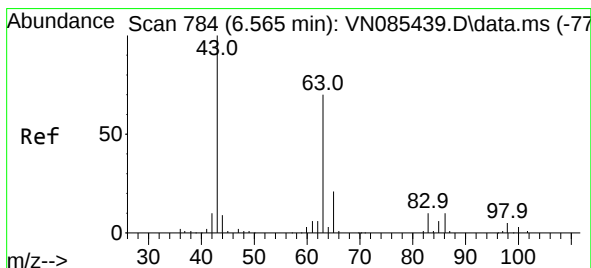
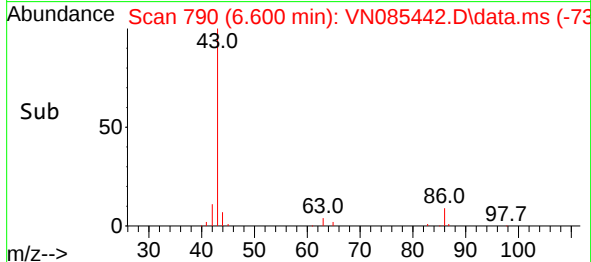
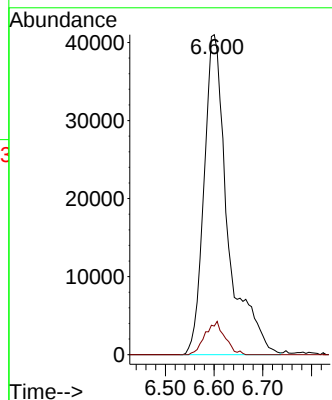
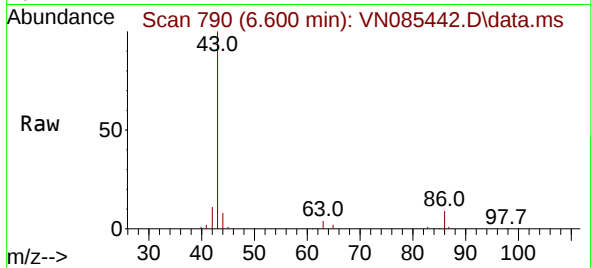




#23
 Vinyl Acetate
 Concen: 27.533 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

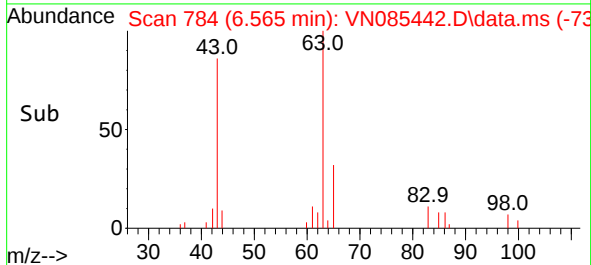
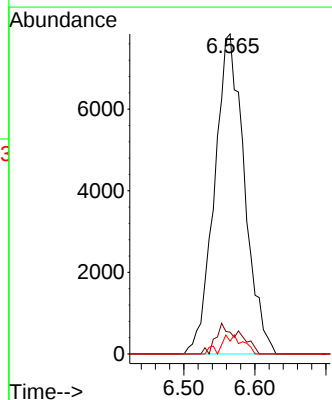
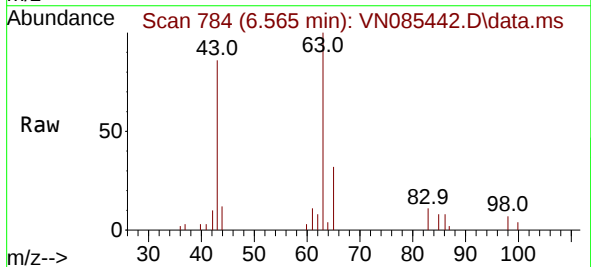
Instrument :
 MSVOA_N
 ClientSampleId :

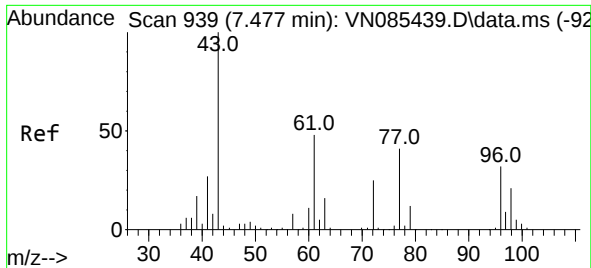
Tgt Ion: 43 Resp: 139425
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 5.200 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

Tgt Ion: 63 Resp: 22865
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.0 2.0 6.0

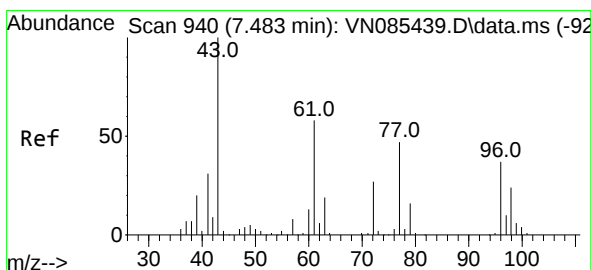
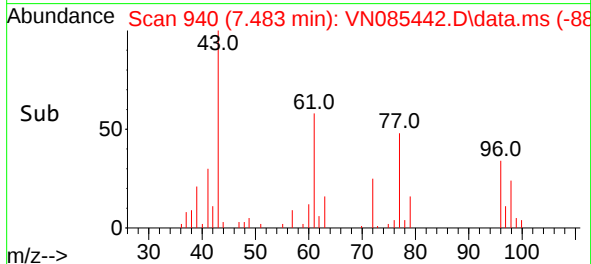
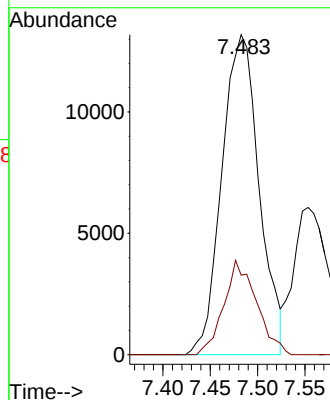
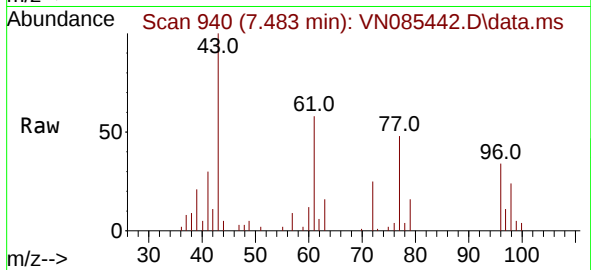




#25
2-Butanone
Concen: 25.231 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

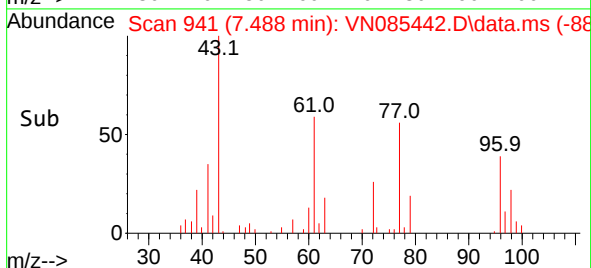
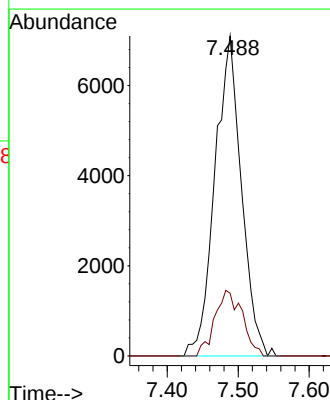
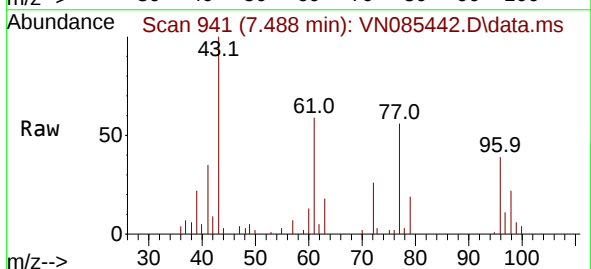
Instrument :
MSVOA_N
ClientSampleId :

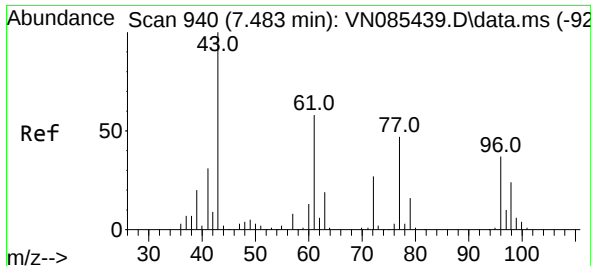
Tgt Ion: 43 Resp: 36127
Ion Ratio Lower Upper
43 100
72 24.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 5.175 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 77 Resp: 18398
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1



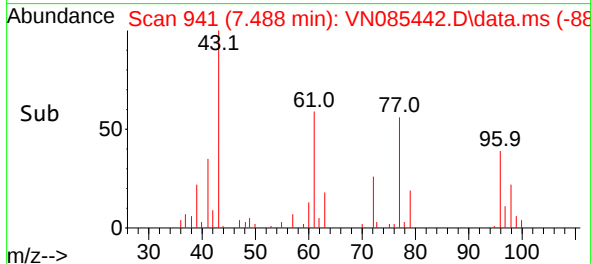
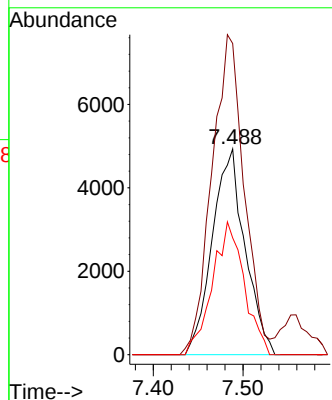
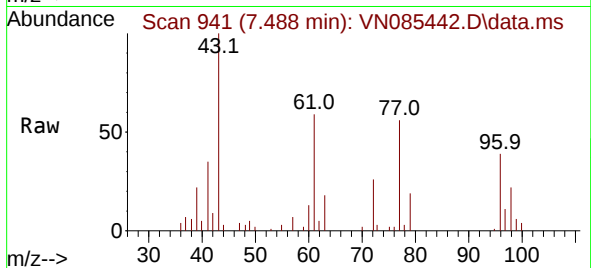


#27
 cis-1,2-Dichloroethene
 Concen: 4.951 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 12477

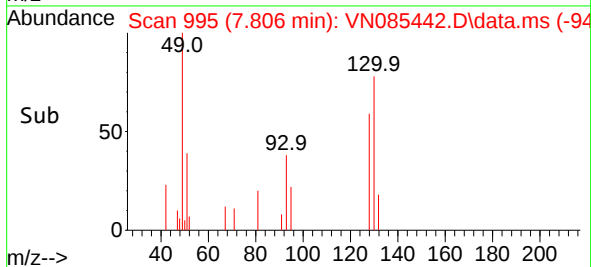
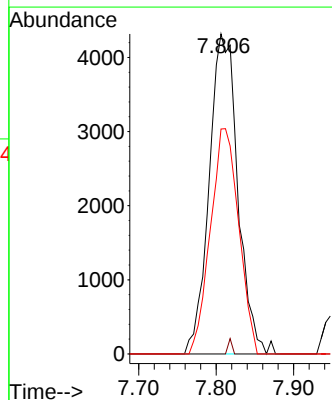
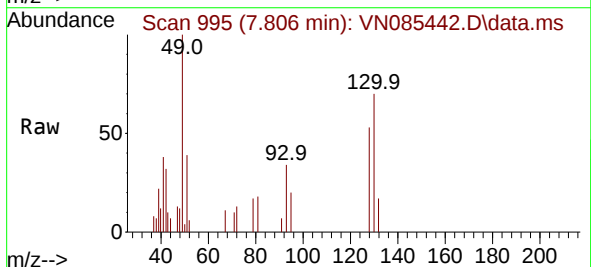
Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	311.8
98	62.8	0.0	126.0

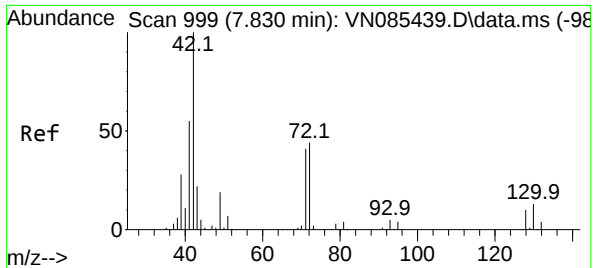


#28
 Bromochloromethane
 Concen: 5.424 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

Tgt Ion: 49 Resp: 11096

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.4
130	69.5	55.0	82.4

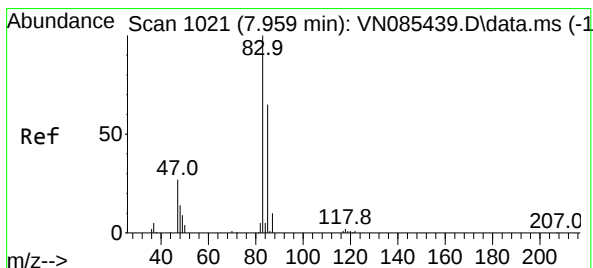
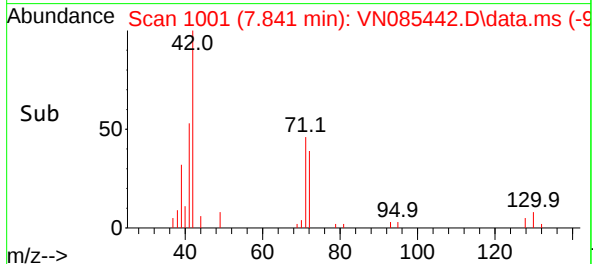
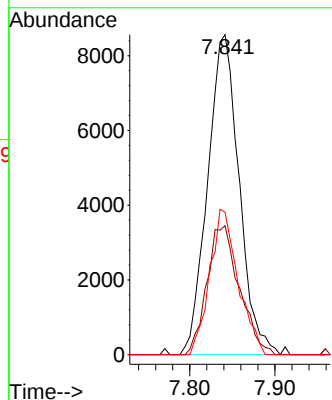
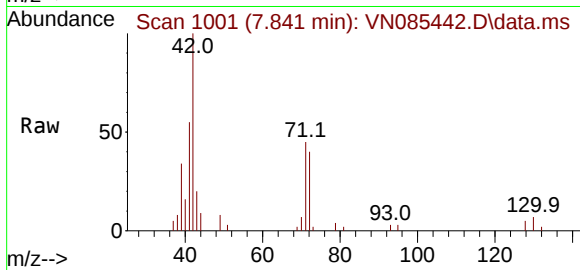




#29
Tetrahydrofuran
Concen: 24.215 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

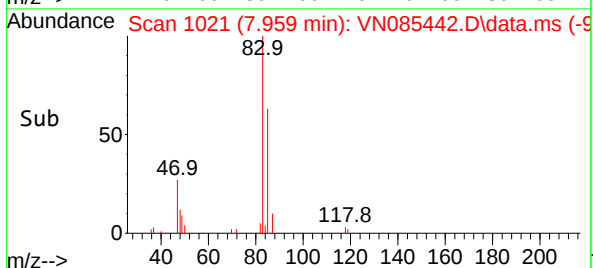
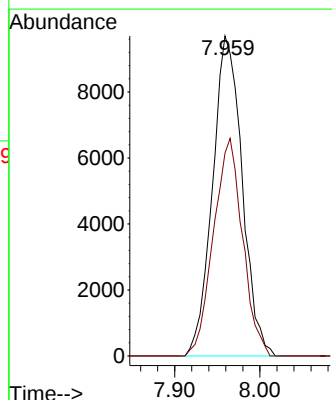
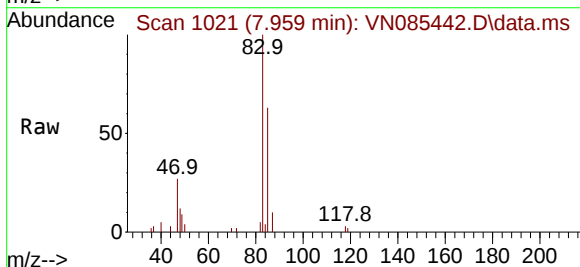
Instrument :
MSVOA_N
ClientSampleId :

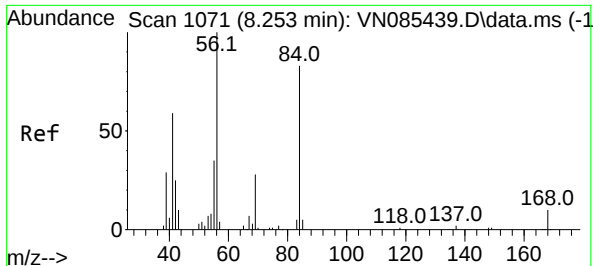
Tgt Ion: 42 Resp: 21983
Ion Ratio Lower Upper
42 100
72 41.5 34.2 51.2
71 41.0 32.5 48.7



#30
Chloroform
Concen: 5.146 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

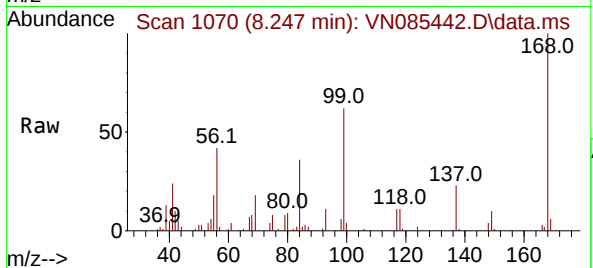
Tgt Ion: 83 Resp: 23384
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.6



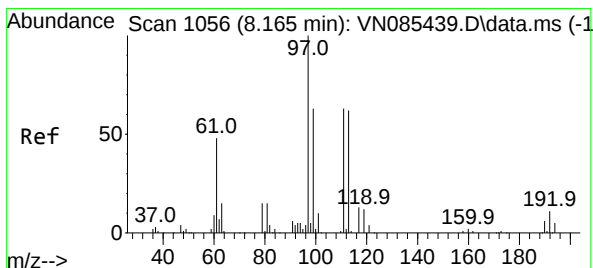
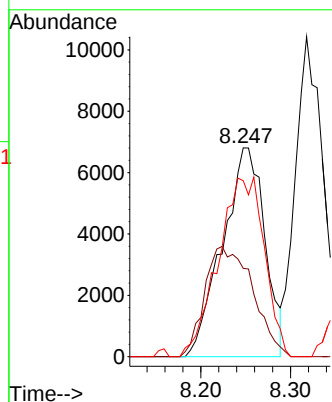
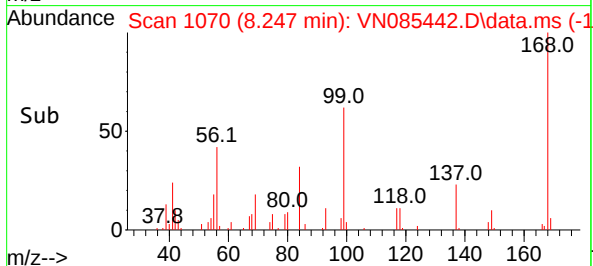


#31
Cyclohexane
Concen: 5.846 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

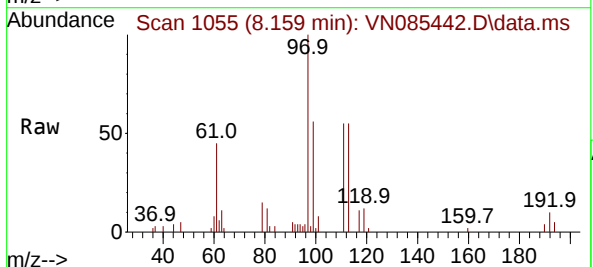
Instrument :
MSVOA_N
ClientSampleId :



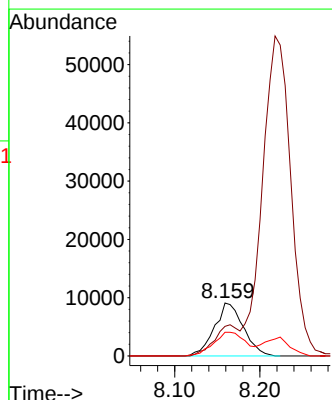
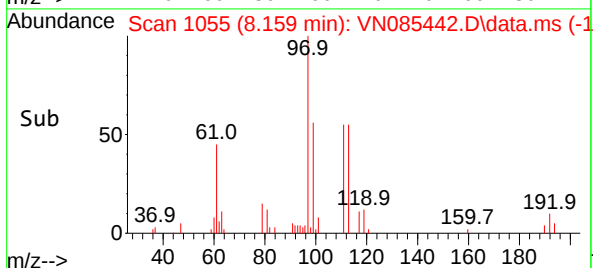
Tgt Ion: 56 Resp: 22343
Ion Ratio Lower Upper
56 100
69 42.3 22.2 33.4#
84 84.3 66.4 99.6

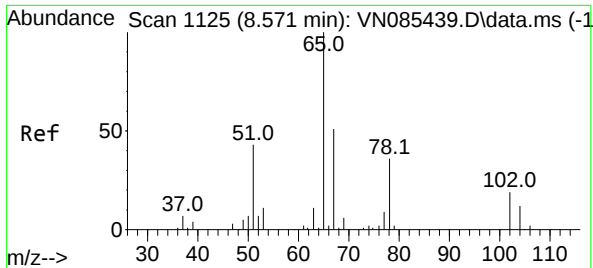


#32
1,1,1-Trichloroethane
Concen: 5.372 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31



Tgt Ion: 97 Resp: 21416
Ion Ratio Lower Upper
97 100
99 50.5 49.8 74.6
61 50.1 41.4 62.2

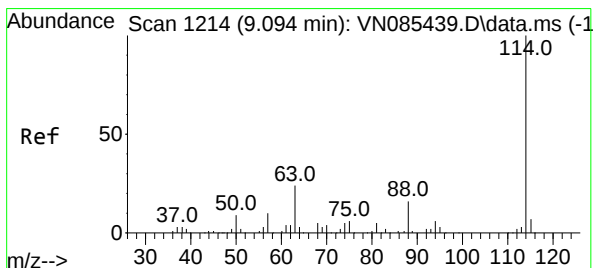
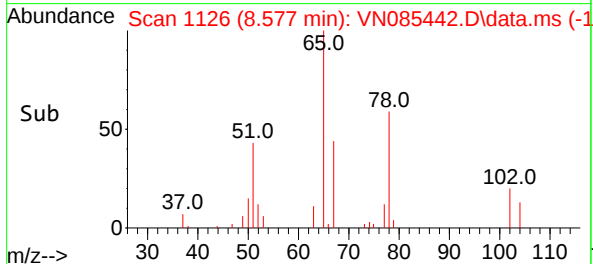
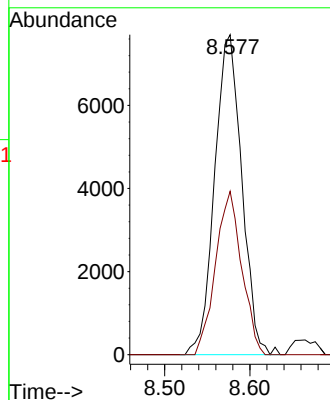
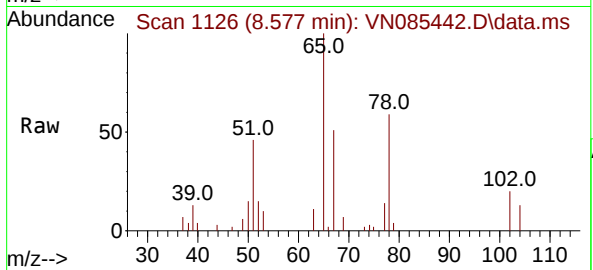




#33
 1,2-Dichloroethane-d4
 Concen: 5.660 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

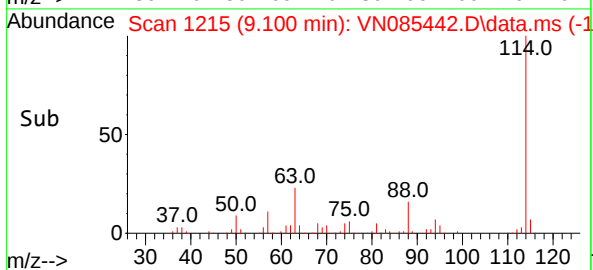
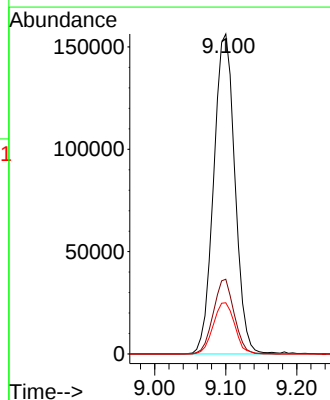
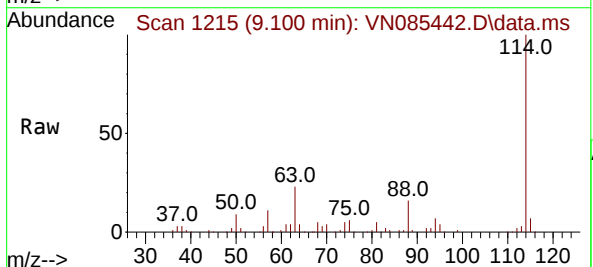
Instrument :
 MSVOA_N
 ClientSampleId :

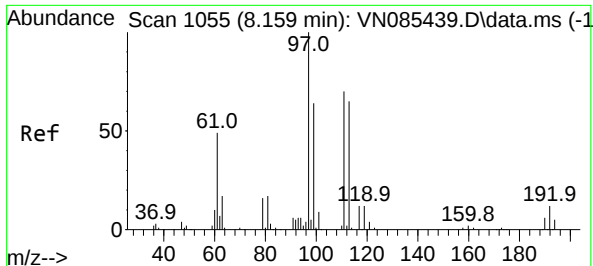
Tgt Ion: 65 Resp: 17046
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

Tgt Ion: 114 Resp: 324413
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.6
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.377 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

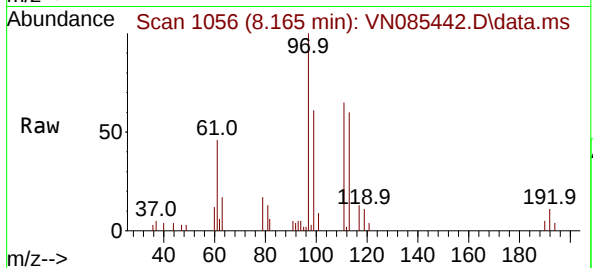
Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :



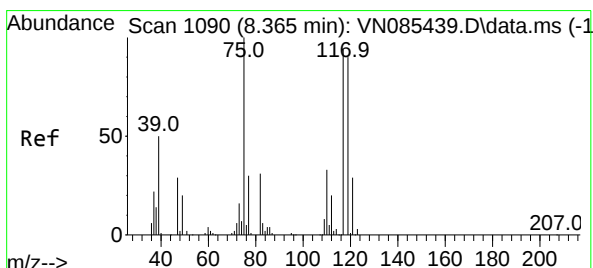
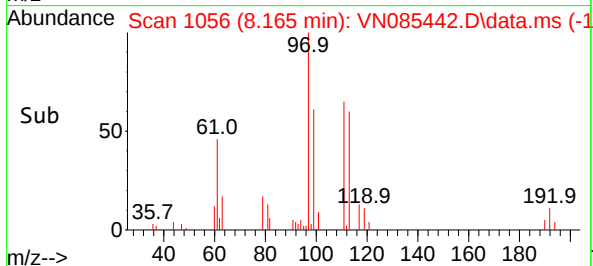
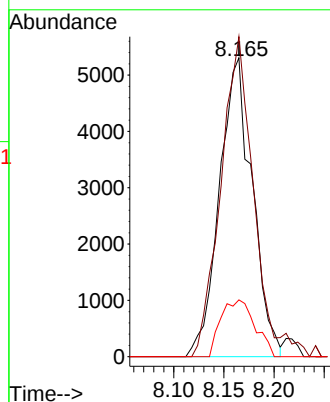
Tgt Ion:113 Resp: 12102

Ion Ratio Lower Upper

113 100

111 107.4 82.7 124.1

192 19.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.029 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

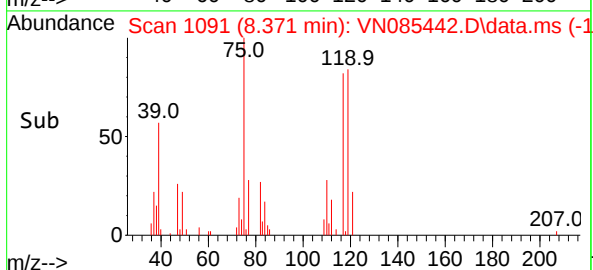
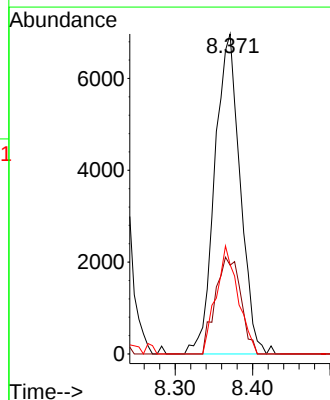
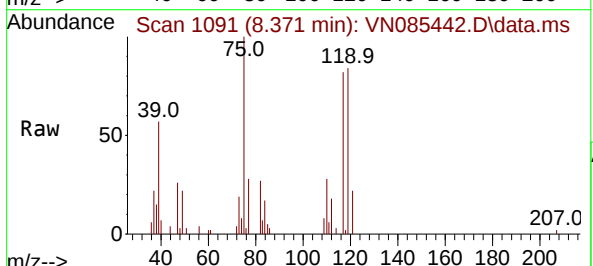
Tgt Ion: 75 Resp: 15886

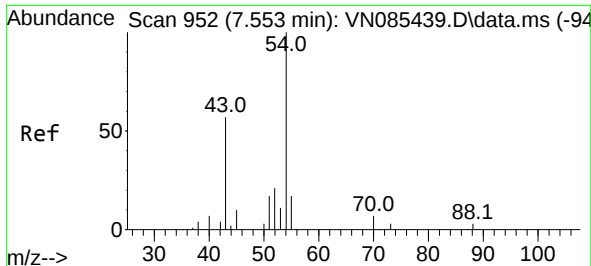
Ion Ratio Lower Upper

75 100

110 30.3 16.5 49.5

77 29.2 24.4 36.6





#37

Ethyl Acetate

Concen: 4.810 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085442.D

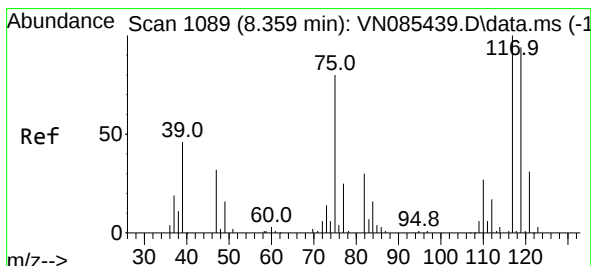
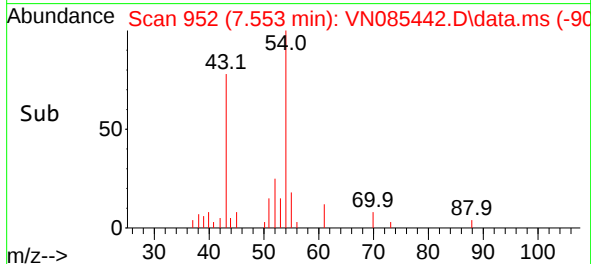
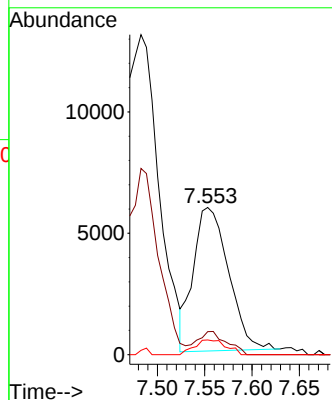
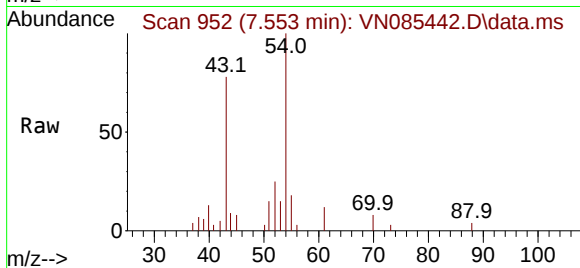
Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 15336
Ion Ratio	Lower Upper
43	100
61	13.5 10.9 16.3
70	9.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 5.065 ug/l

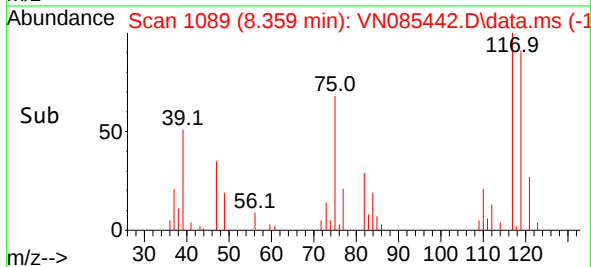
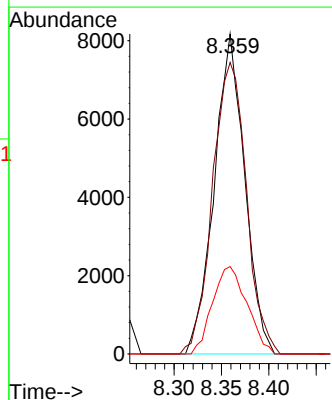
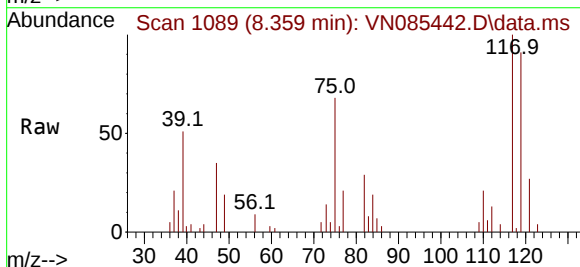
RT: 8.359 min Scan# 1089

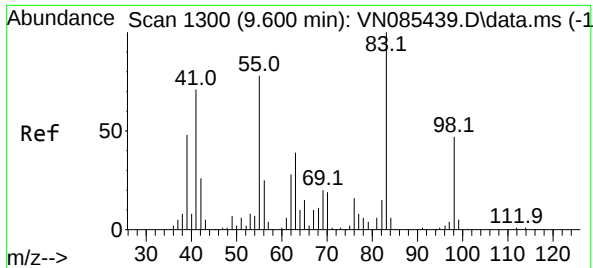
Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Tgt Ion: 117	Resp: 18317
Ion Ratio	Lower Upper
117	100
119	91.1 75.4 113.2
121	27.3 24.6 37.0

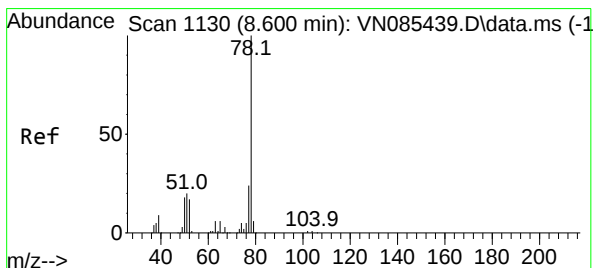
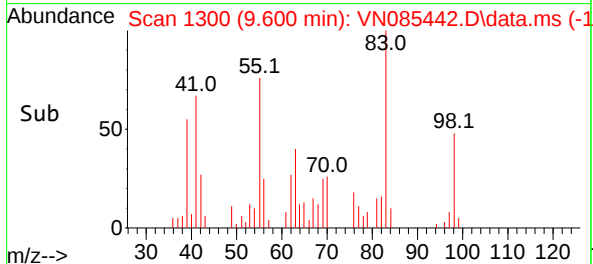
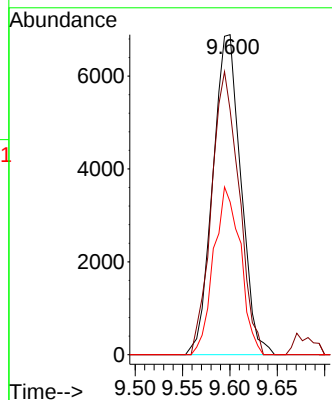
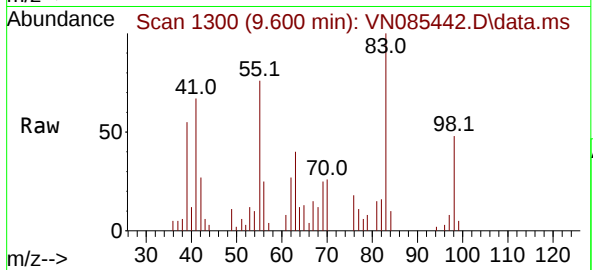




#39
Methylcyclohexane
Concen: 4.776 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

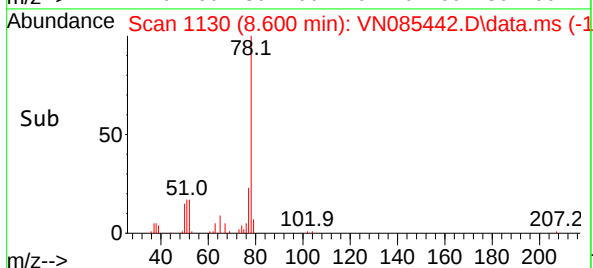
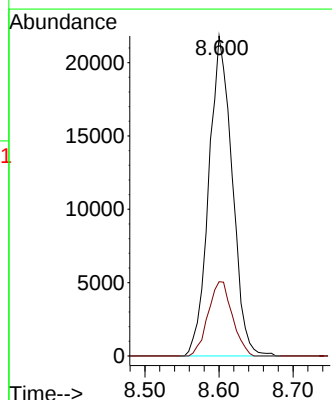
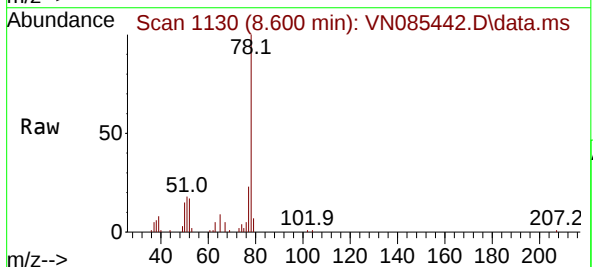
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 14175
Ion Ratio Lower Upper
83 100
55 76.5 62.6 94.0
98 47.7 37.7 56.5



#40
Benzene
Concen: 5.040 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

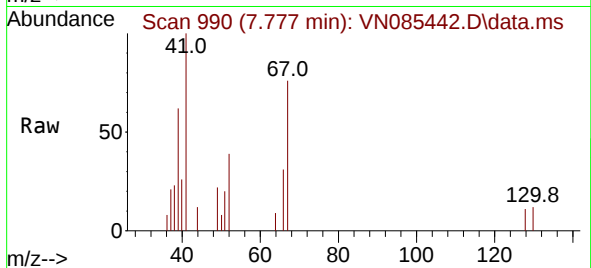
Tgt Ion: 78 Resp: 47833
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



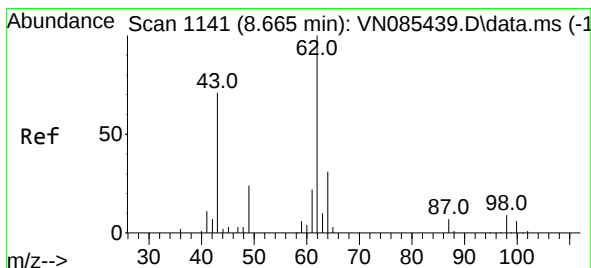
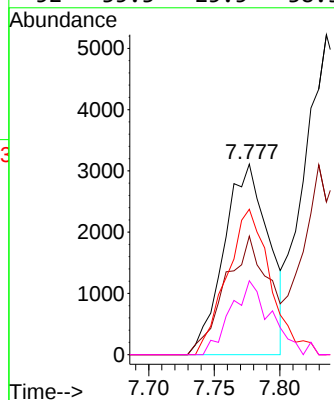
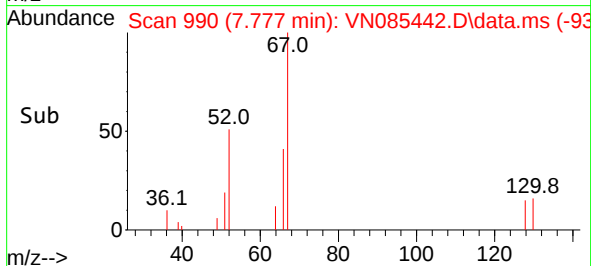


#41
Methacrylonitrile
Concen: 4.449 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :

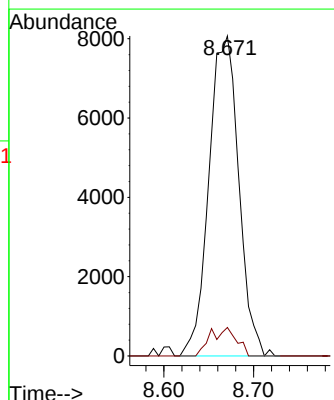
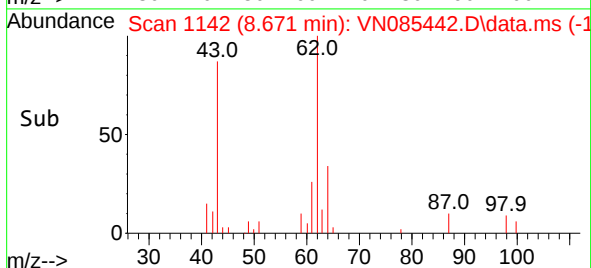
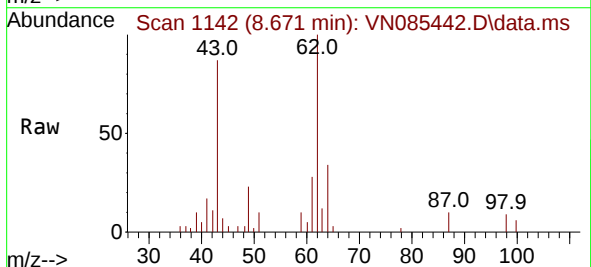


Tgt Ion:	41	Resp:	7380
Ion	Ratio	Lower	Upper
41	100		
39	60.5	46.0	69.0
67	74.6	57.4	86.2
52	35.3	25.5	38.3



#42
1,2-Dichloroethane
Concen: 5.211 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:	62	Resp:	18628
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.0

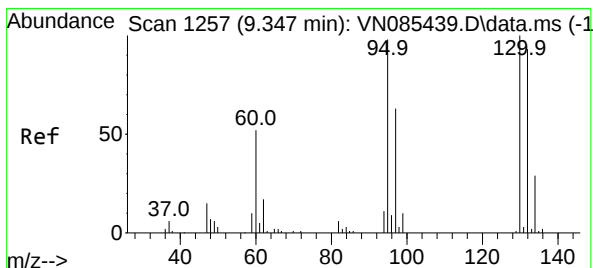
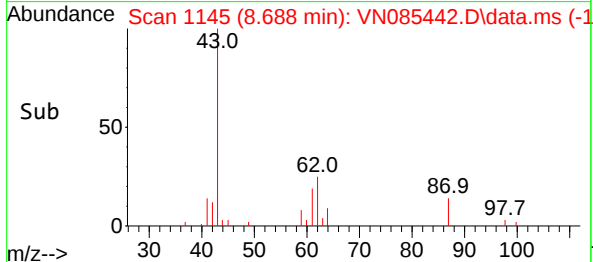
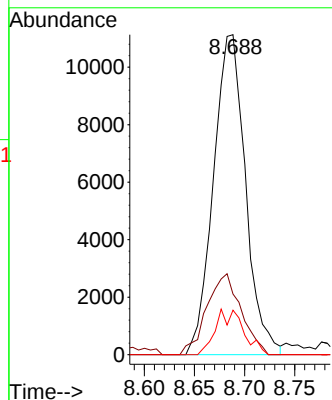
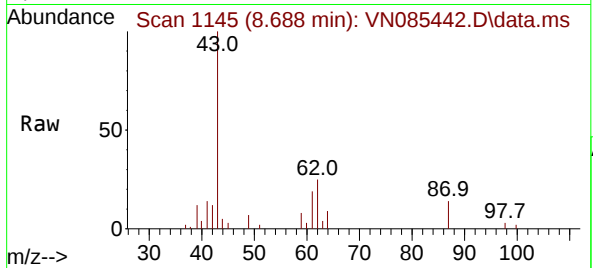




#43
Isopropyl Acetate
Concen: 4.853 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

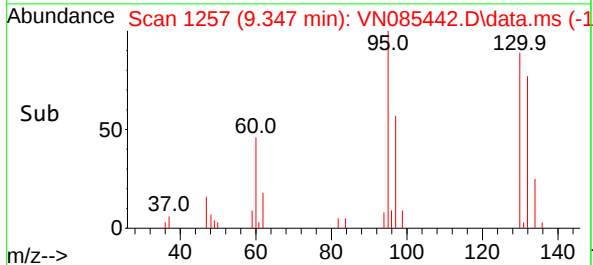
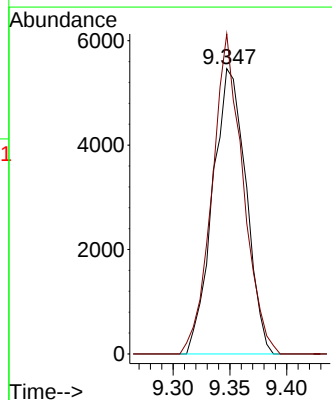
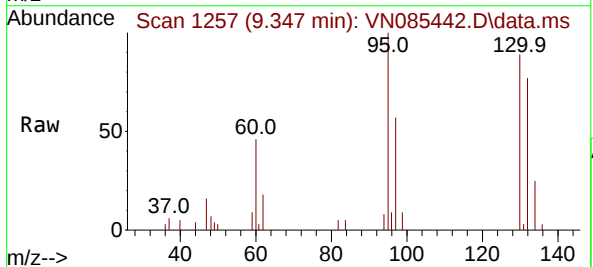
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 24792
Ion Ratio Lower Upper
43 100
61 27.0 20.7 31.1
87 12.3 9.8 14.8



#44
Trichloroethene
Concen: 5.039 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:130 Resp: 11133
Ion Ratio Lower Upper
130 100
95 112.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 5.194 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

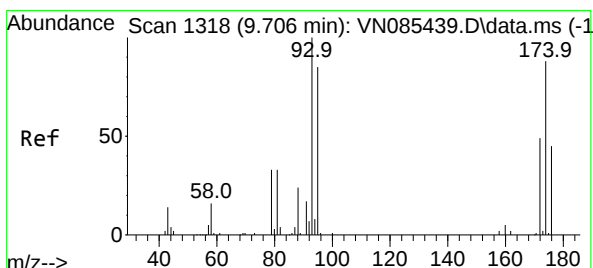
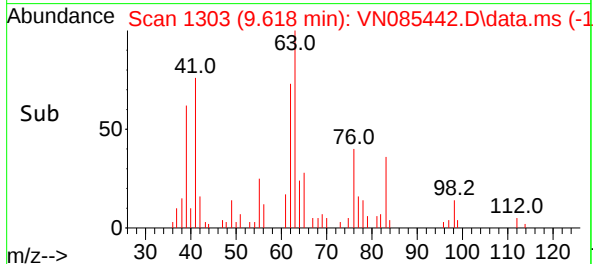
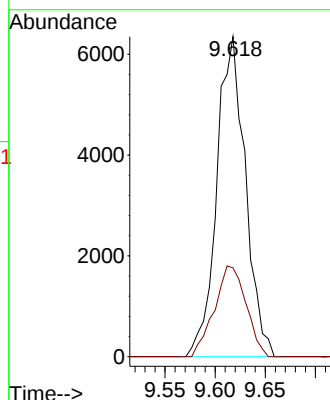
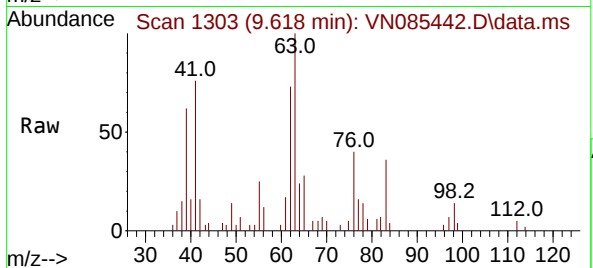
ClientSampleId :

Tgt Ion: 63 Resp: 12591

Ion Ratio Lower Upper

63 100

65 27.8 25.6 38.4



#46

Dibromomethane

Concen: 4.705 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

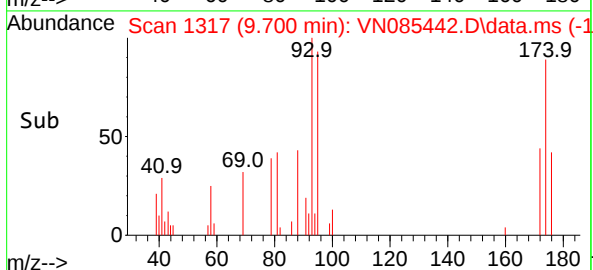
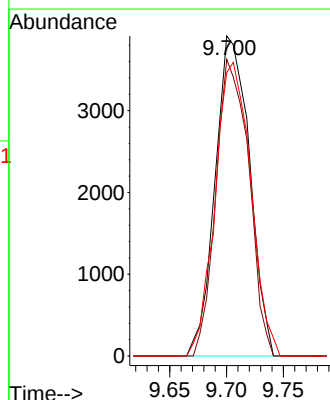
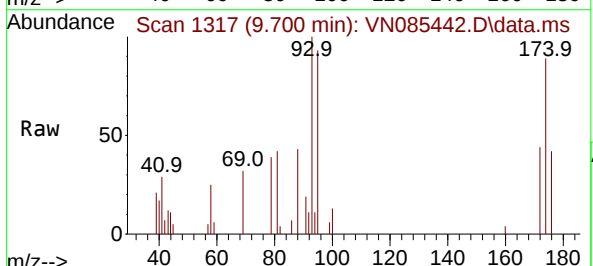
Tgt Ion: 93 Resp: 8230

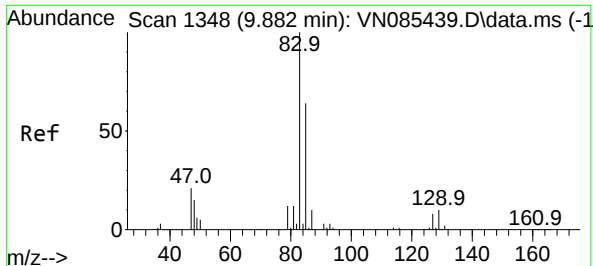
Ion Ratio Lower Upper

93 100

95 88.7 64.7 97.1

174 95.0 69.0 103.4

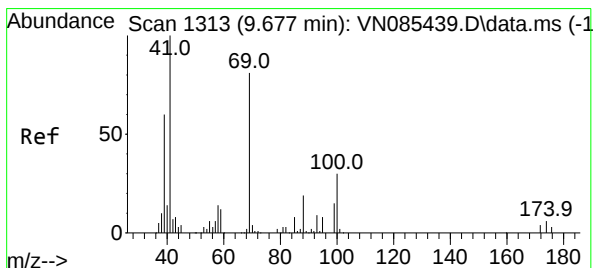
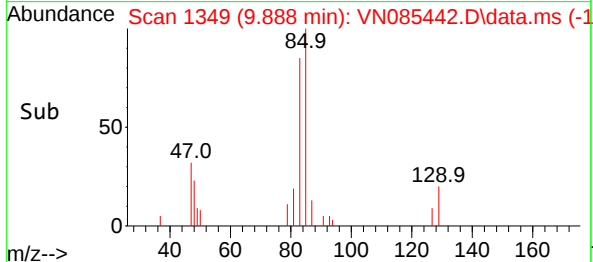
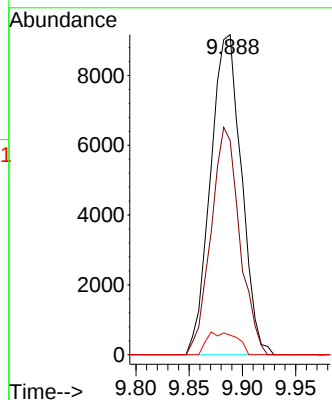
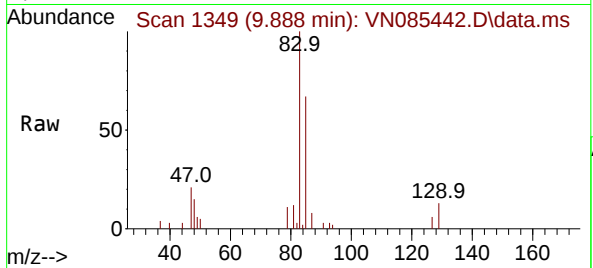




#47
Bromodichloromethane
Concen: 5.179 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

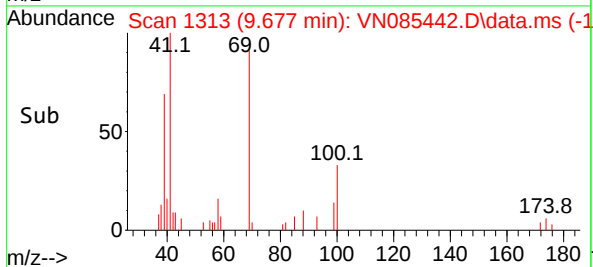
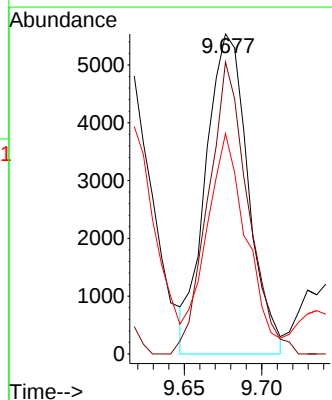
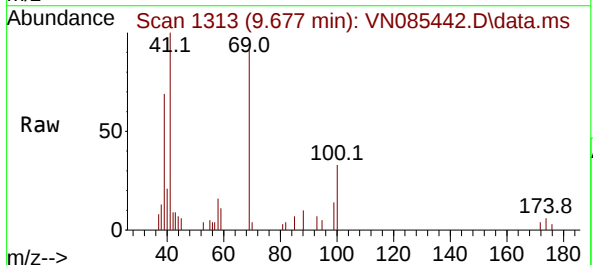
Instrument :
MSVOA_N
ClientSampleId :

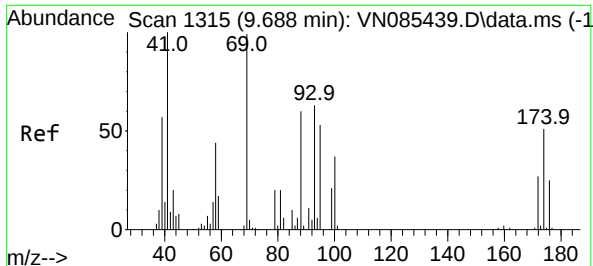
Tgt Ion: 83 Resp: 18456
Ion Ratio Lower Upper
83 100
85 67.0 51.2 76.8
127 6.1 6.5 9.7#



#48
Methyl methacrylate
Concen: 4.599 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 41 Resp: 10574
Ion Ratio Lower Upper
41 100
69 84.9 64.7 97.1
39 65.3 49.0 73.6





#49

1,4-Dioxane

Concen: 93.477 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

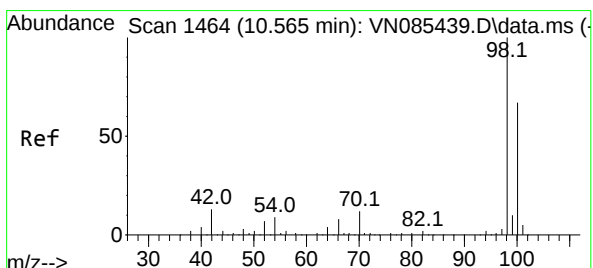
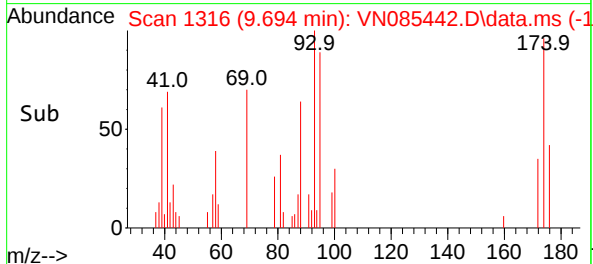
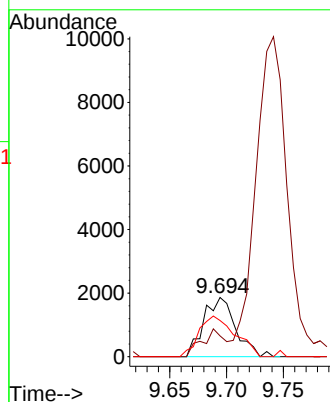
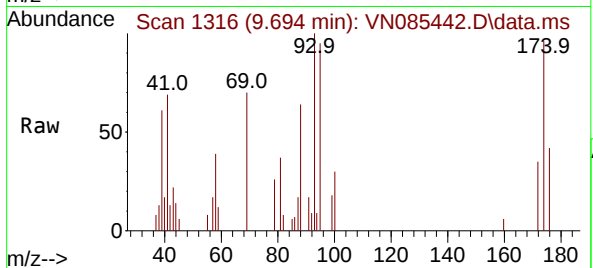
Tgt Ion: 88 Resp: 3619

Ion Ratio Lower Upper

88 100

43 32.3 26.6 39.8

58 77.9 59.5 89.3



#50

Toluene-d8

Concen: 5.168 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085442.D

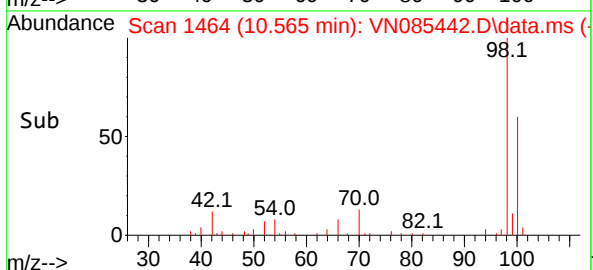
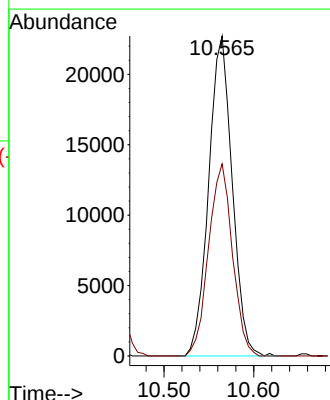
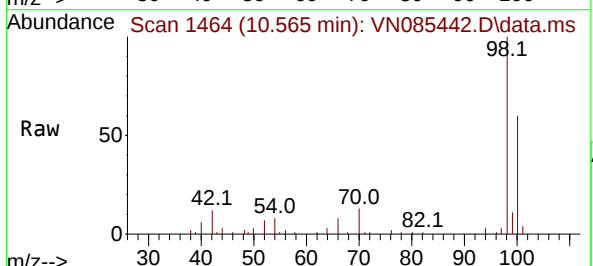
Acq: 14 Jan 2025 16:31

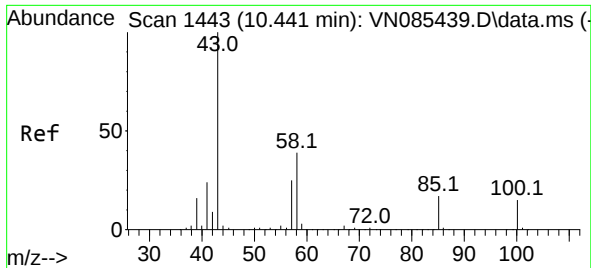
Tgt Ion: 98 Resp: 41328

Ion Ratio Lower Upper

98 100

100 60.9 52.2 78.4

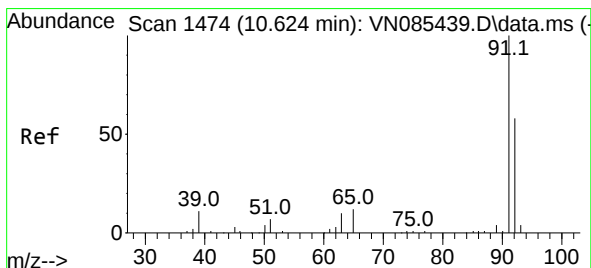
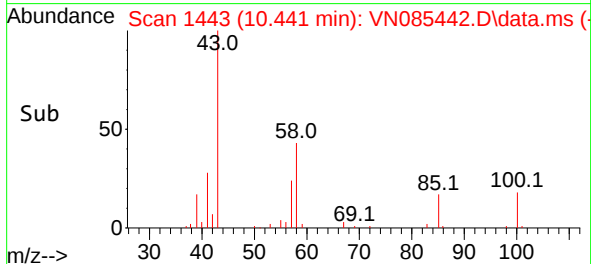
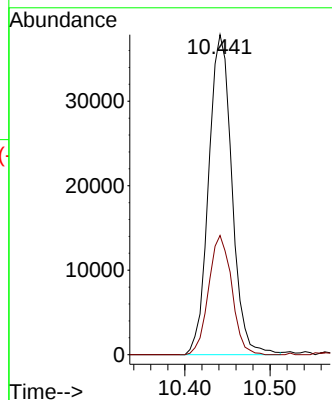
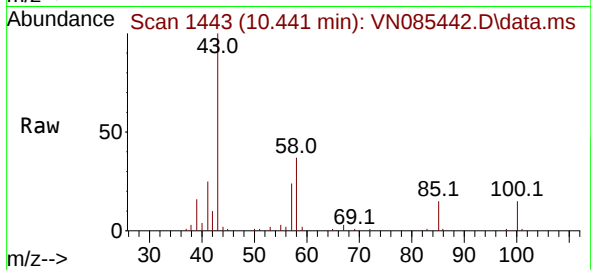




#51
4-Methyl-2-Pentanone
Concen: 24.250 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

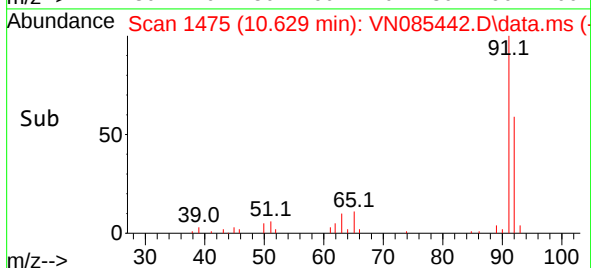
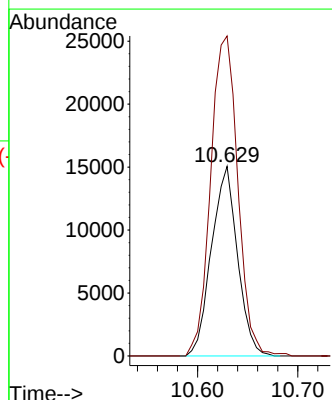
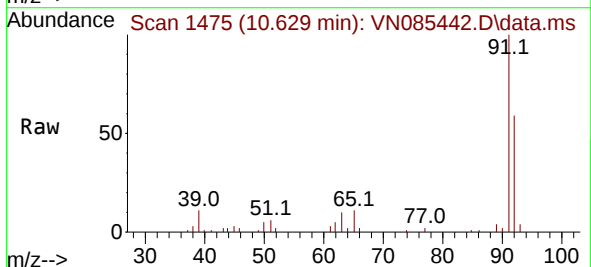
Instrument :
MSVOA_N
ClientSampleId :

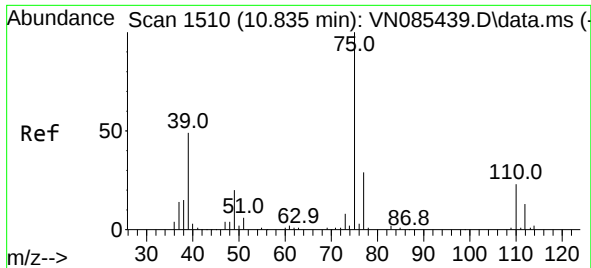
Tgt Ion: 43 Resp: 71889
Ion Ratio Lower Upper
43 100
58 36.9 30.5 45.7



#52
Toluene
Concen: 4.928 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 92 Resp: 27098
Ion Ratio Lower Upper
92 100
91 176.4 139.2 208.8

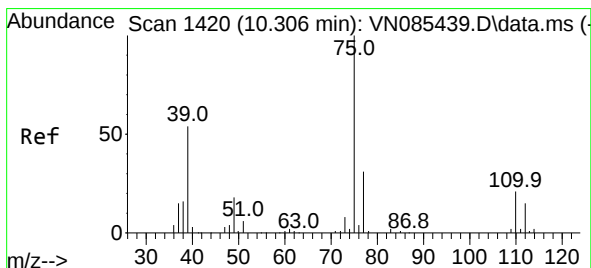
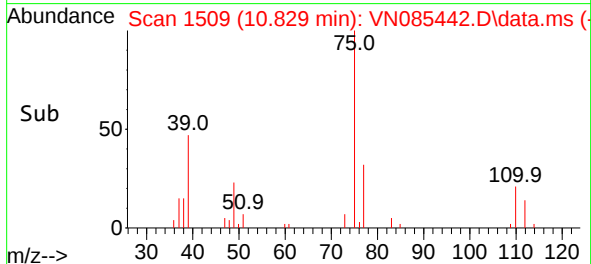
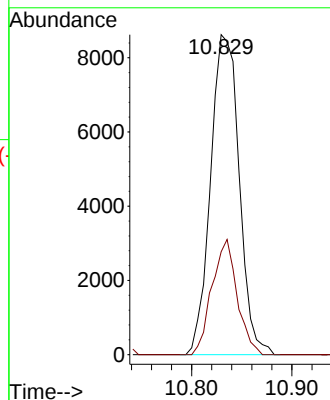
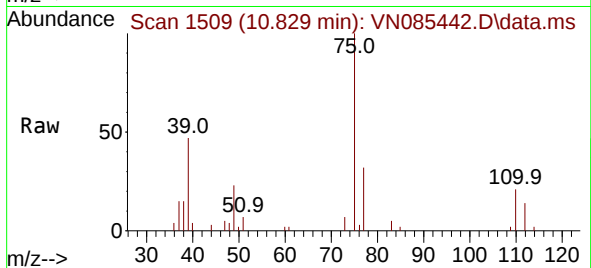




#53
t-1,3-Dichloropropene
Concen: 5.077 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

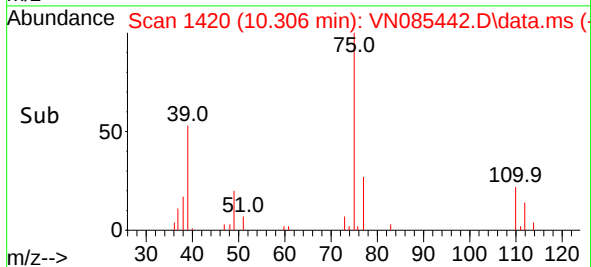
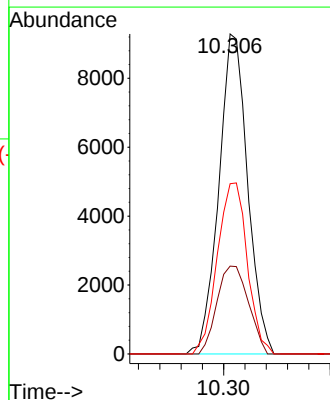
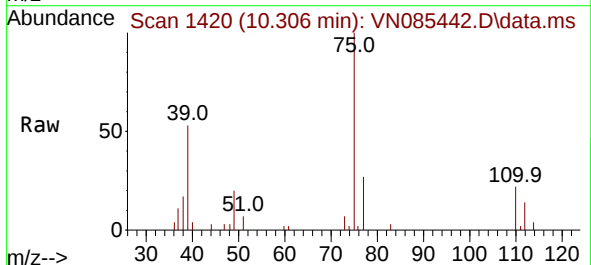
Instrument :
MSVOA_N
ClientSampleId :

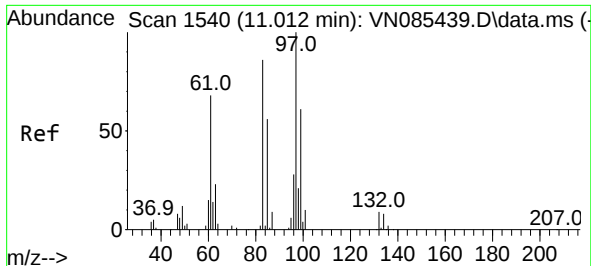
Tgt Ion: 75 Resp: 17099
Ion Ratio Lower Upper
75 100
77 32.2 23.5 35.3



#54
cis-1,3-Dichloropropene
Concen: 4.848 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

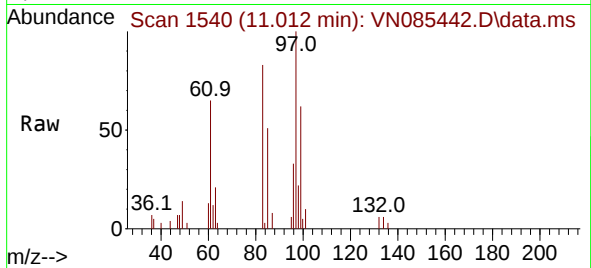
Tgt Ion: 75 Resp: 17440
Ion Ratio Lower Upper
75 100
77 27.5 25.0 37.4
39 53.2 43.1 64.7



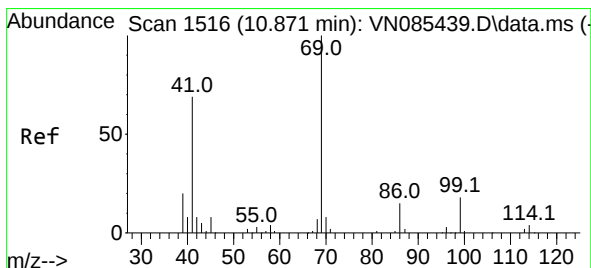
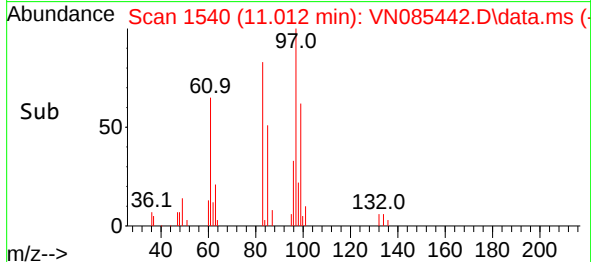
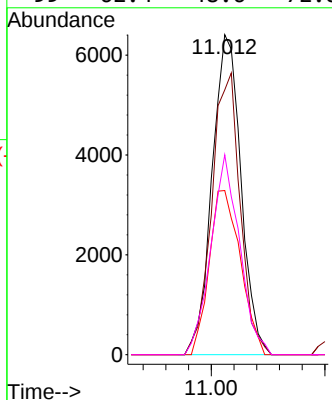


#55
1,1,2-Trichloroethane
Concen: 5.197 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :

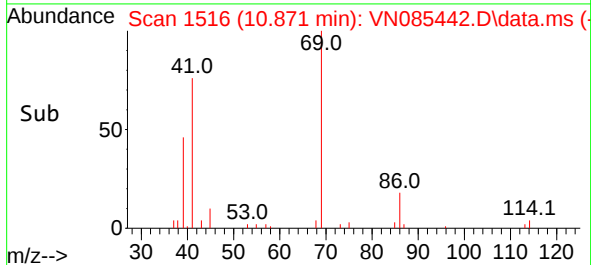
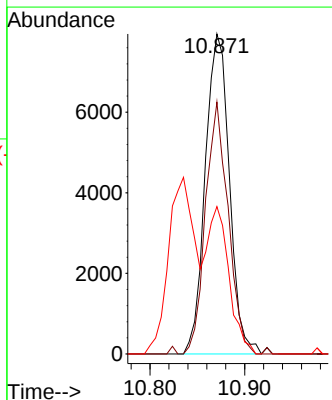
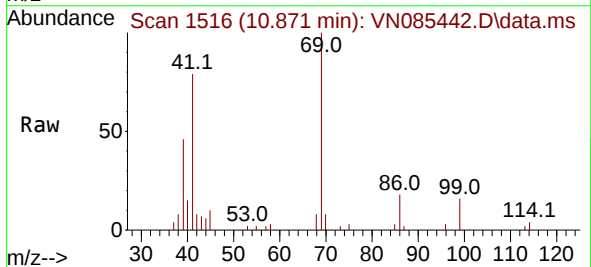


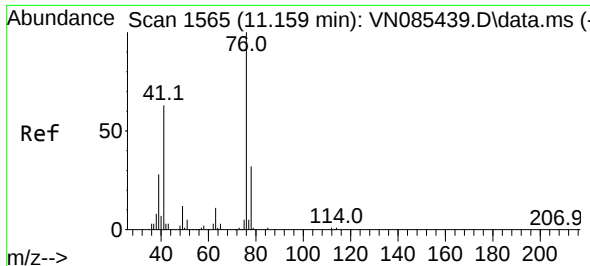
Tgt Ion: 97	Resp: 11311
Ion Ratio	Lower Upper
97 100	
83 82.7	69.0 103.6
85 51.3	44.6 66.8
99 62.4	48.6 72.8



#56
Ethyl methacrylate
Concen: 5.627 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 69	Resp: 14094
Ion Ratio	Lower Upper
69 100	
41 73.8	54.6 82.0
39 42.6	32.4 48.6





#57

1,3-Dichloropropane

Concen: 5.006 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

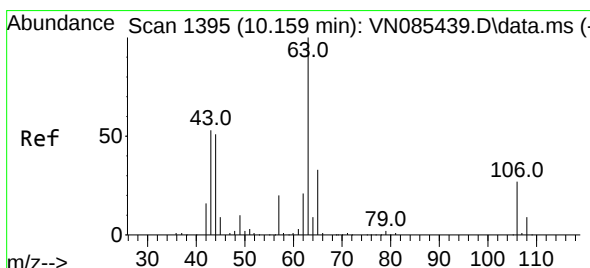
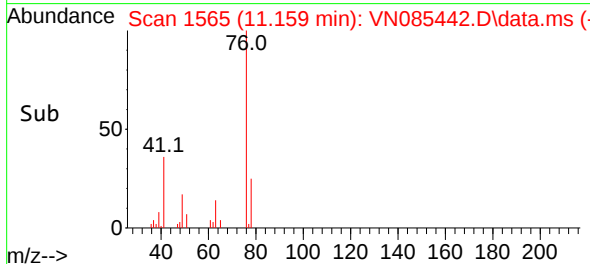
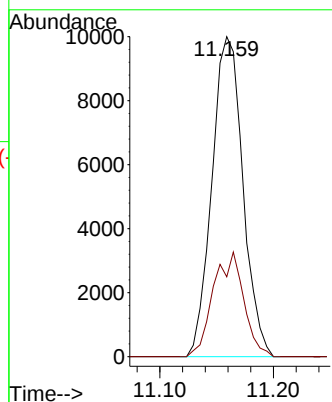
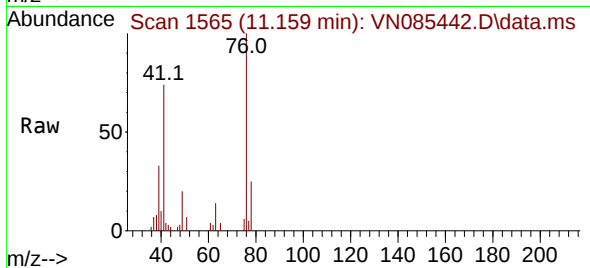
ClientSampleId :

Tgt Ion: 76 Resp: 18945

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 24.047 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085442.D

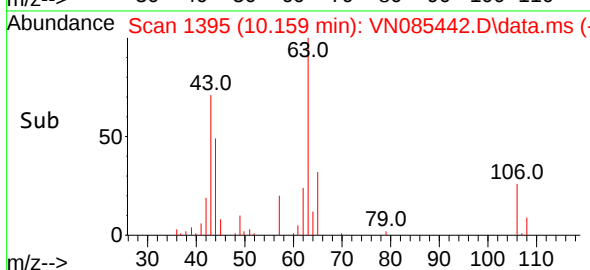
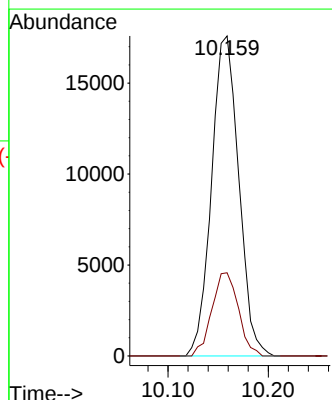
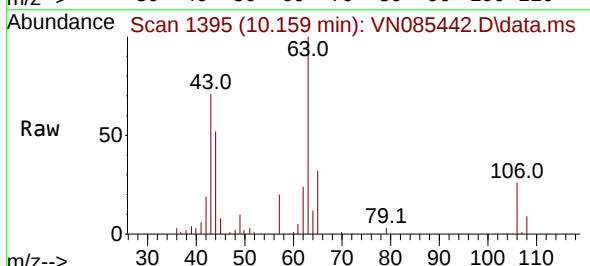
Acq: 14 Jan 2025 16:31

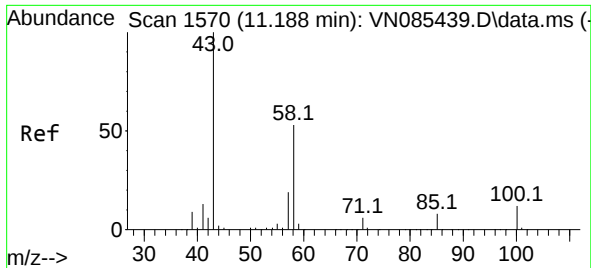
Tgt Ion: 63 Resp: 33210

Ion Ratio Lower Upper

63 100

106 25.2 21.6 32.4

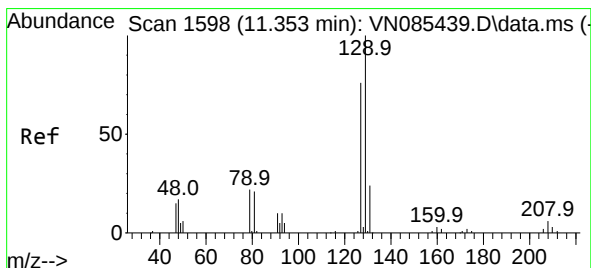
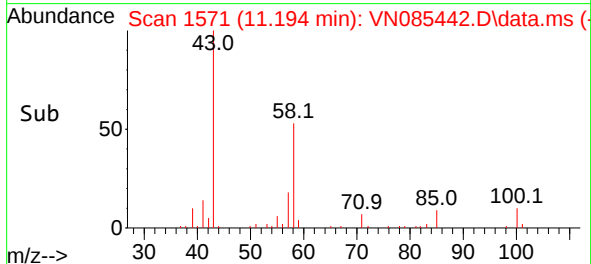
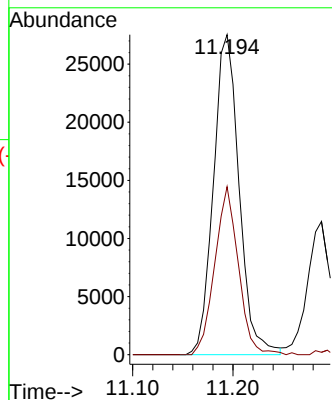
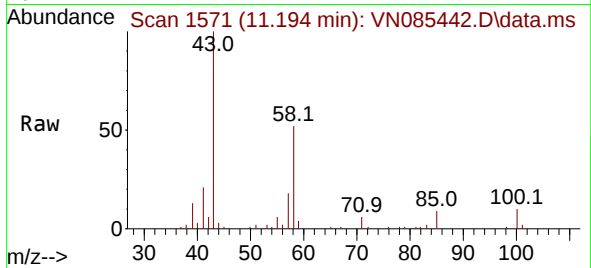




#59
2-Hexanone
Concen: 23.501 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

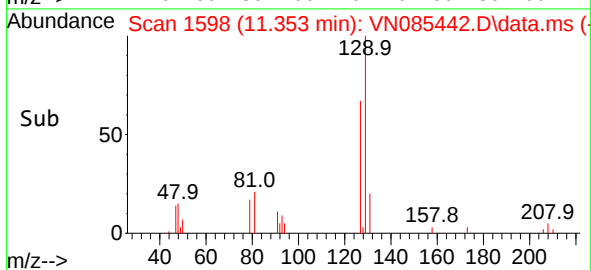
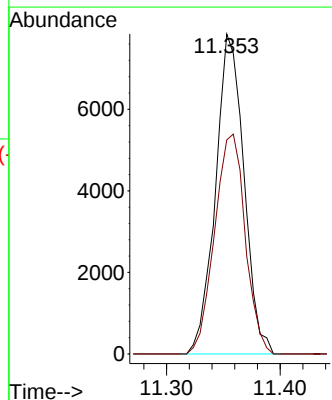
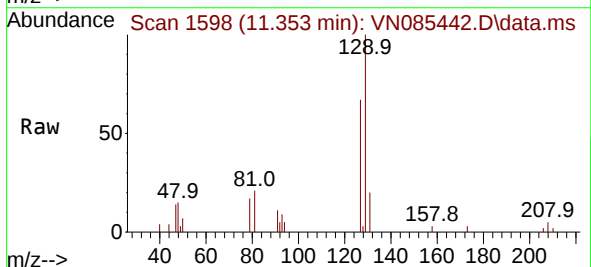
Instrument :
MSVOA_N
ClientSampleId :

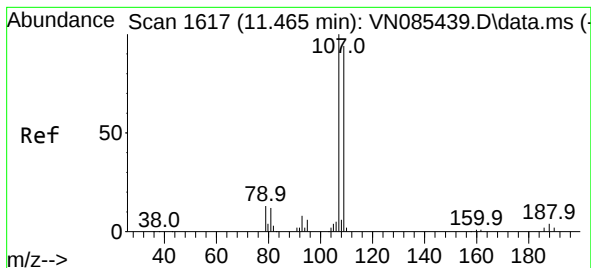
Tgt Ion: 43 Resp: 49021
Ion Ratio Lower Upper
43 100
58 48.3 26.2 78.6



#60
Dibromochloromethane
Concen: 5.190 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 129 Resp: 13635
Ion Ratio Lower Upper
129 100
127 73.9 38.6 115.8

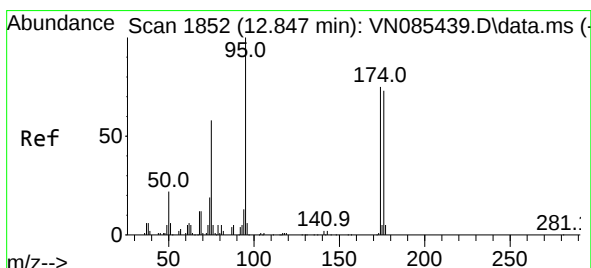
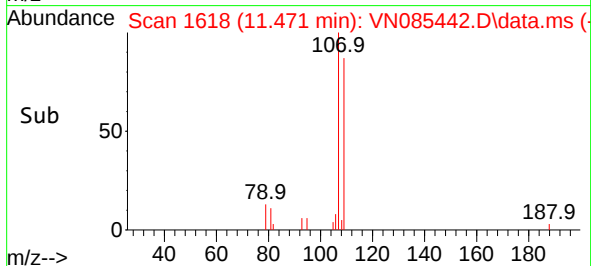
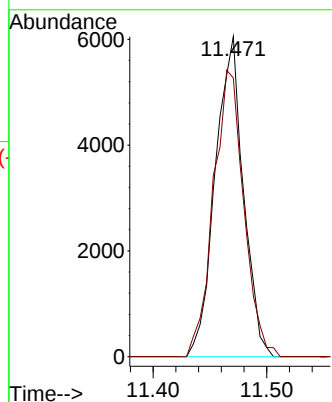
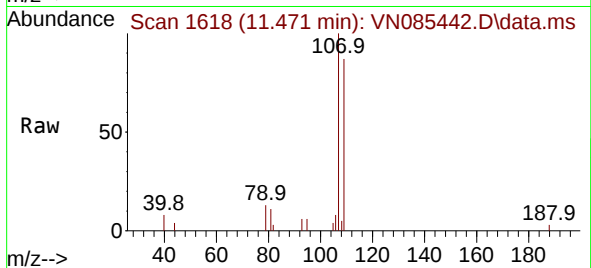




#61
1,2-Dibromoethane
Concen: 4.810 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

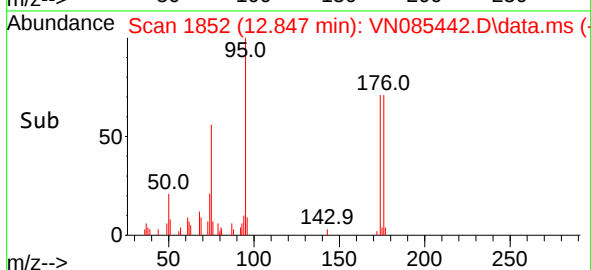
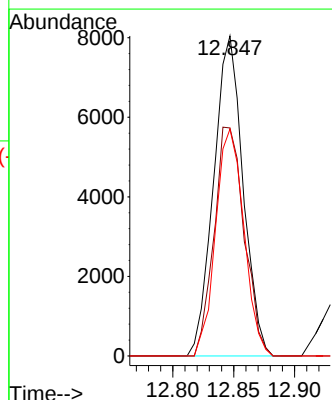
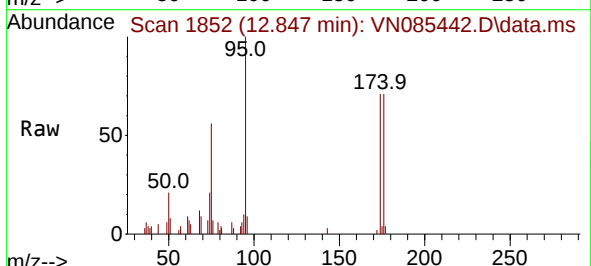
Instrument :
MSVOA_N
ClientSampleId :

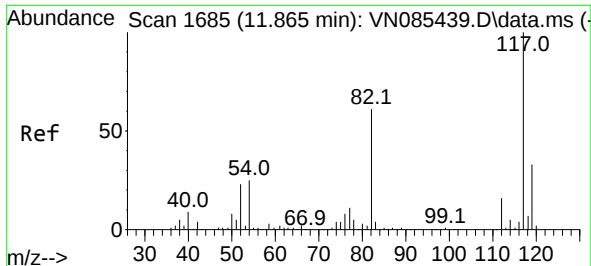
Tgt Ion:107 Resp: 10419
Ion Ratio Lower Upper
107 100
109 96.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 4.943 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 95 Resp: 13520
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 68.0 0.0 142.4

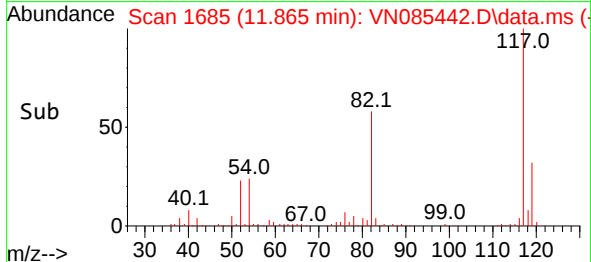
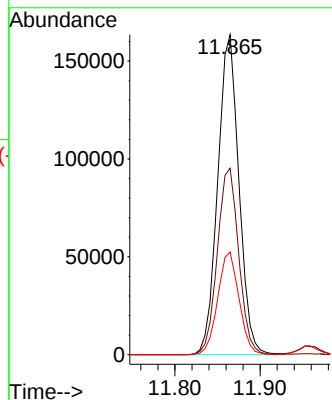
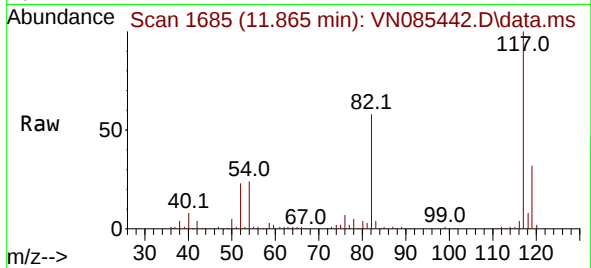




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

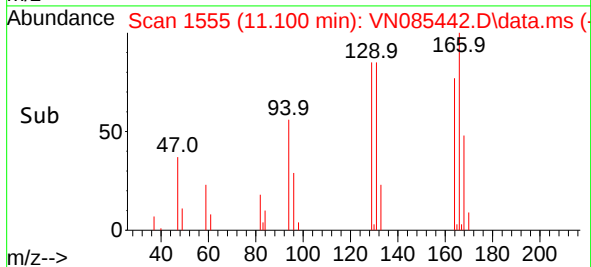
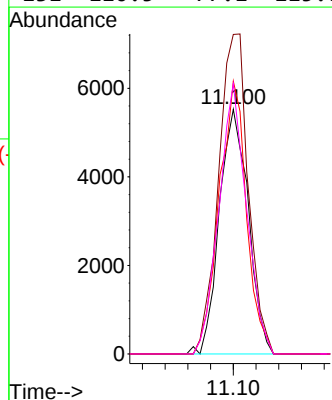
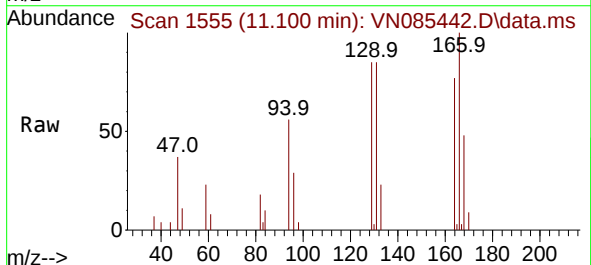
Instrument :
MSVOA_N
ClientSampleId :

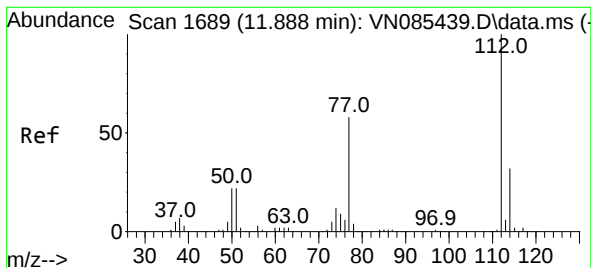
Tgt Ion:117 Resp: 282203
Ion Ratio Lower Upper
117 100
82 58.3 48.6 72.8
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 5.071 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:164 Resp: 9756
Ion Ratio Lower Upper
164 100
166 130.6 103.4 155.2
129 111.5 79.2 118.8
131 110.5 77.1 115.7





#65

Chlorobenzene

Concen: 5.065 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

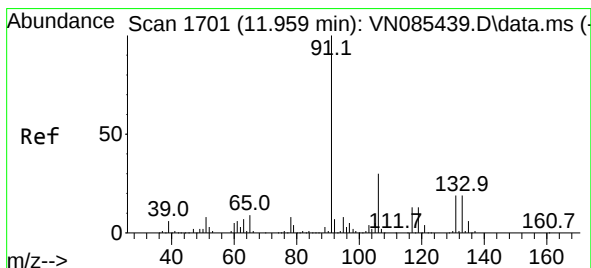
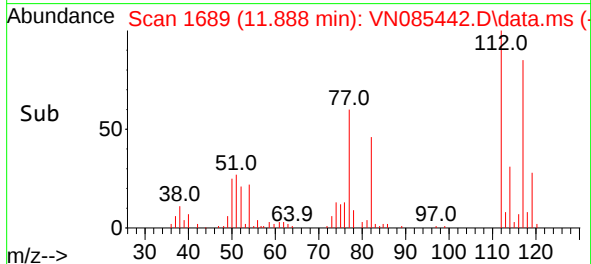
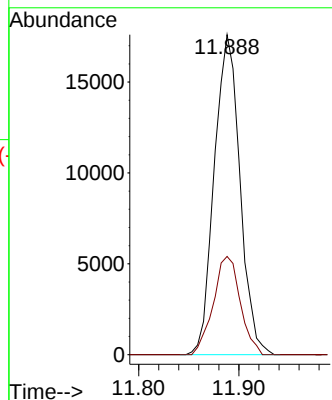
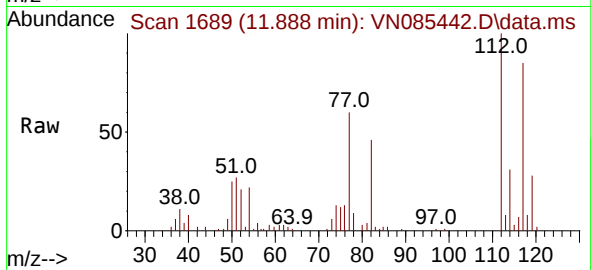
ClientSampleId :

Tgt Ion:112 Resp: 31312

Ion Ratio Lower Upper

112 100

114 30.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 5.121 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

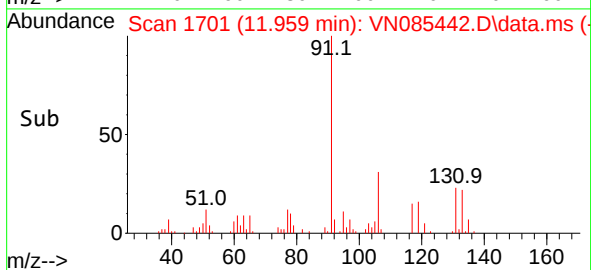
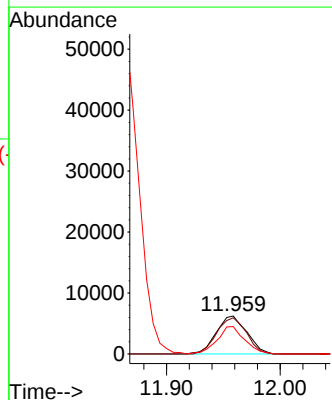
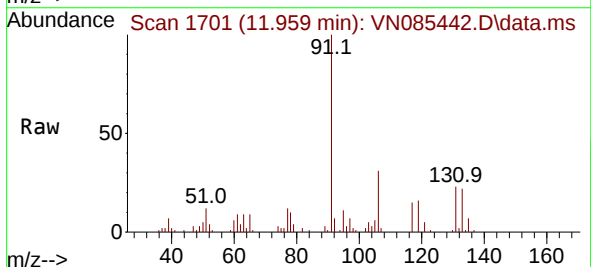
Tgt Ion:131 Resp: 11620

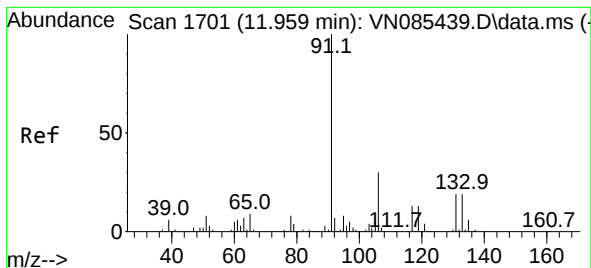
Ion Ratio Lower Upper

131 100

133 92.7 47.4 142.3

119 65.0 33.1 99.5





#67

Ethyl Benzene

Concen: 4.789 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

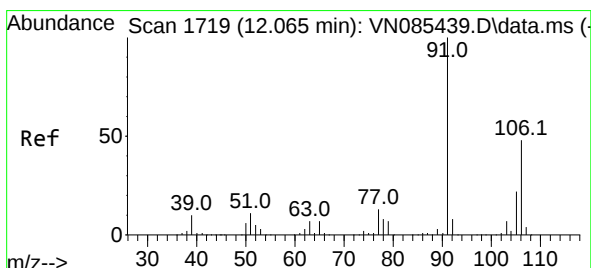
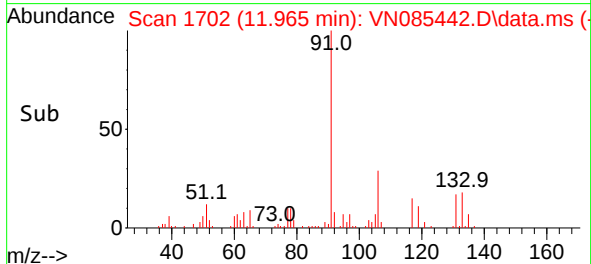
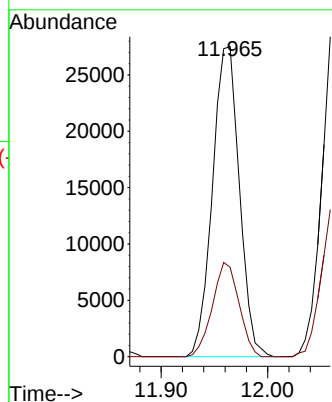
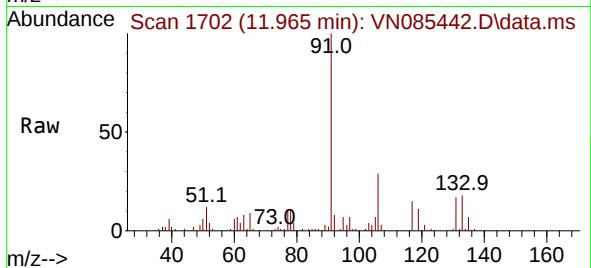
ClientSampleId :

Tgt Ion: 91 Resp: 48216

Ion Ratio Lower Upper

91 100

106 28.9 23.8 35.8



#68

m/p-Xylenes

Concen: 9.344 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085442.D

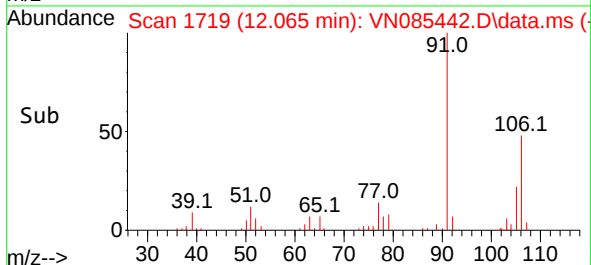
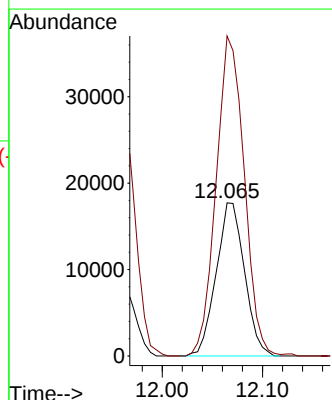
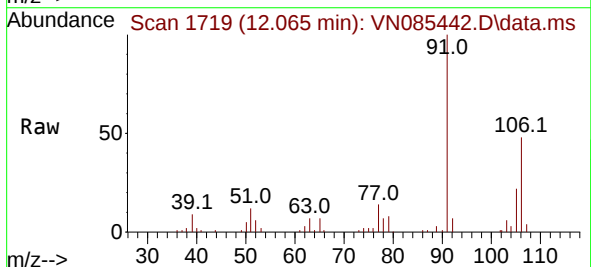
Acq: 14 Jan 2025 16:31

Tgt Ion: 106 Resp: 34771

Ion Ratio Lower Upper

106 100

91 207.9 167.7 251.5

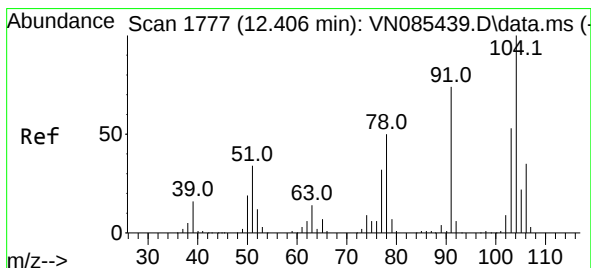
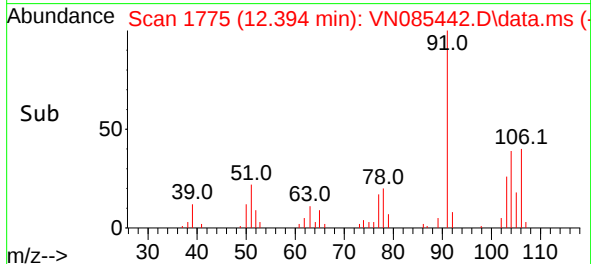
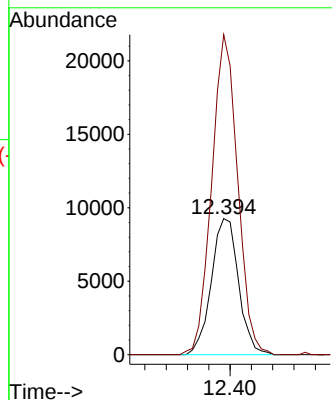
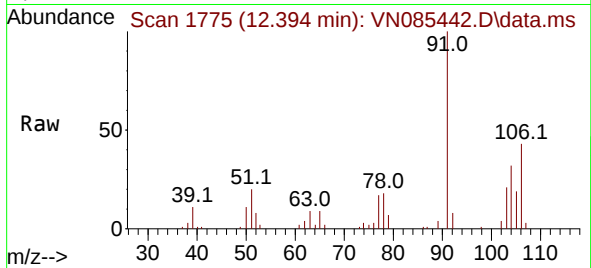




#69
o-Xylene
Concen: 4.617 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

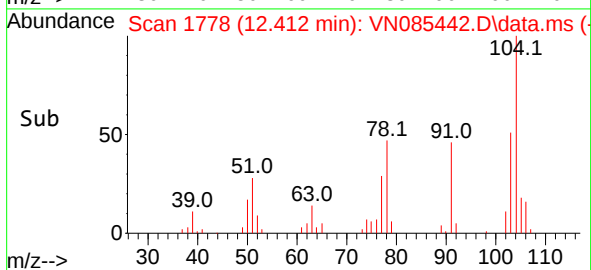
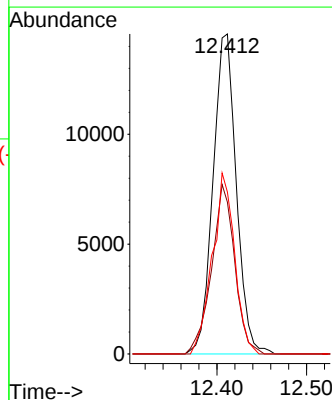
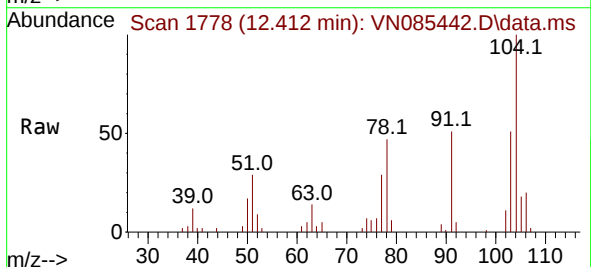
Instrument :
MSVOA_N
ClientSampleId :

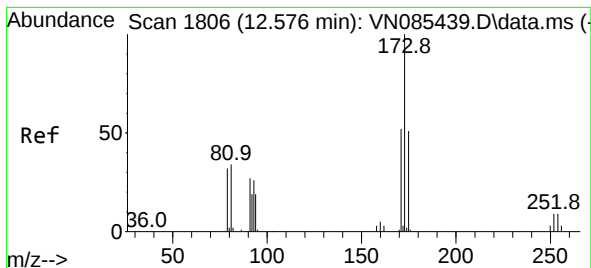
Tgt Ion:106 Resp: 16419
Ion Ratio Lower Upper
106 100
91 224.0 110.4 331.2



#70
Styrene
Concen: 4.454 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:104 Resp: 26218
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 54.2 43.8 65.8





#71

Bromoform

Concen: 4.938 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

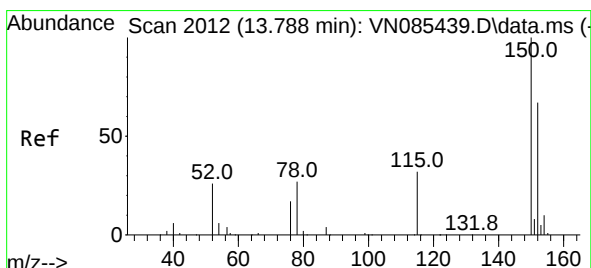
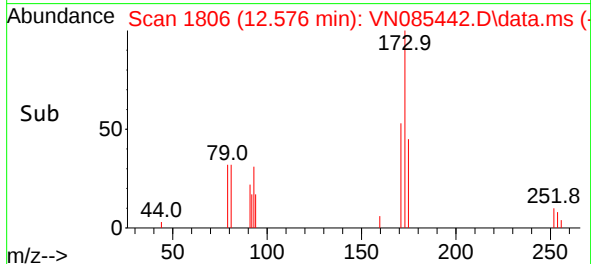
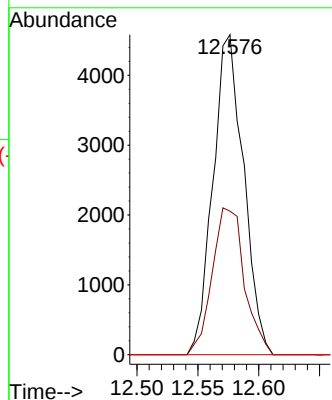
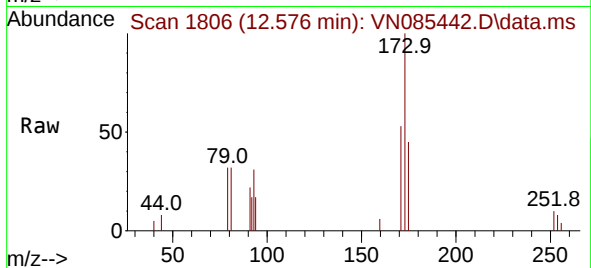
Tgt Ion:173 Resp: 8017

Ion Ratio Lower Upper

173 100

175 48.3 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: VN085442.D

Acq: 14 Jan 2025 16:31

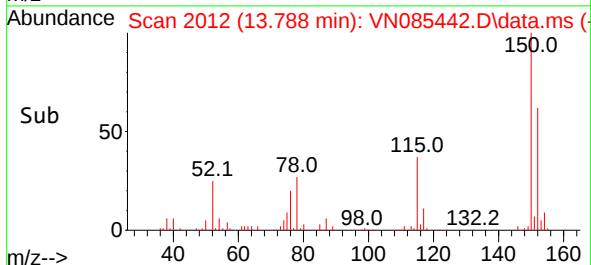
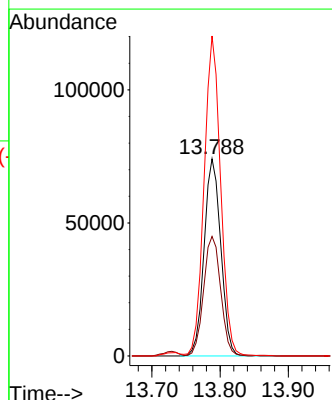
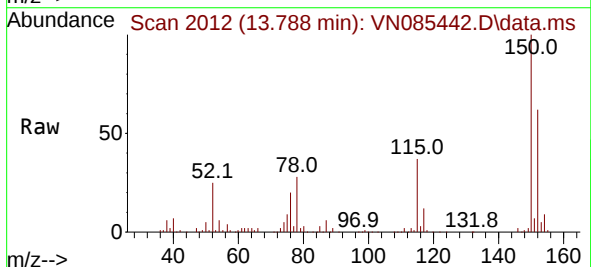
Tgt Ion:152 Resp: 126086

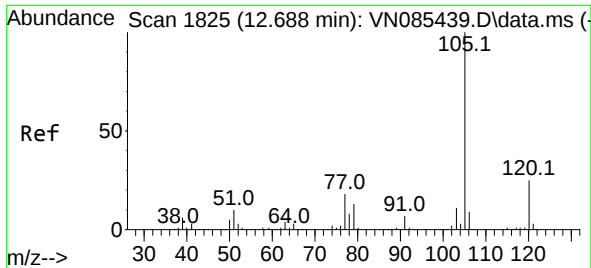
Ion Ratio Lower Upper

152 100

115 62.0 31.1 93.3

150 160.7 0.0 343.6

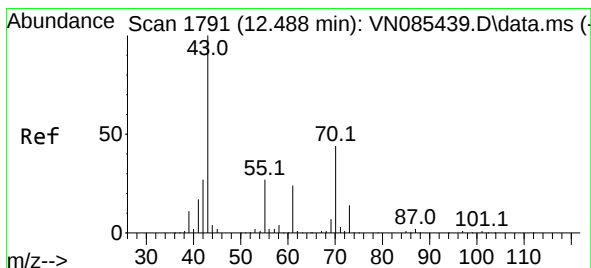
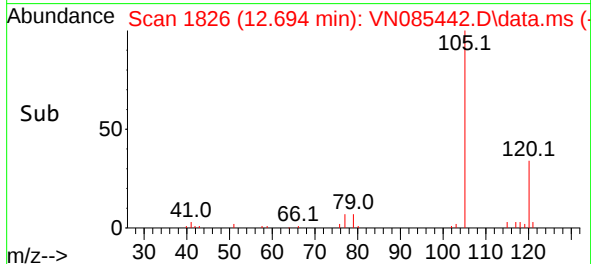
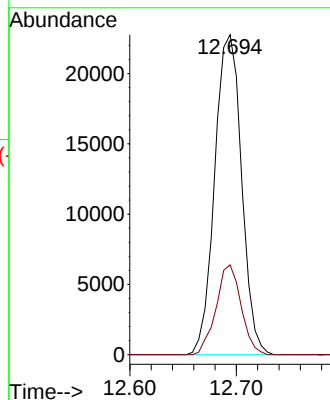
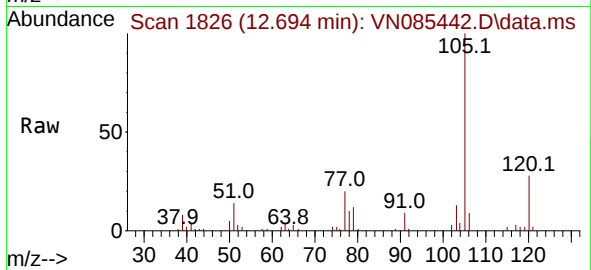




#73
Isopropylbenzene
Concen: 4.678 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

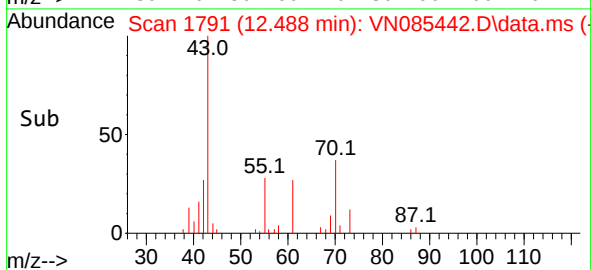
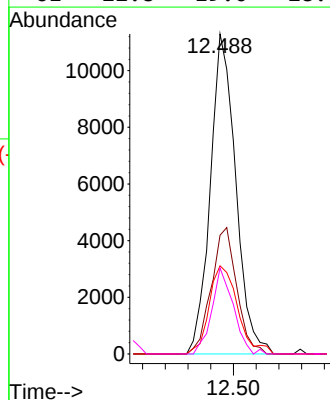
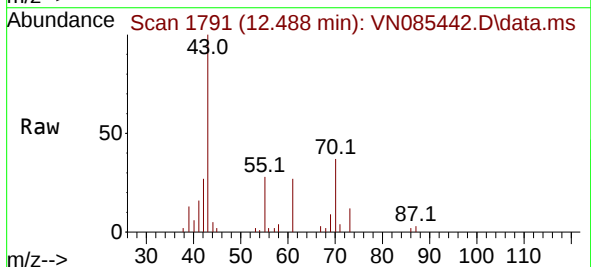
Instrument :
MSVOA_N
ClientSampleId :

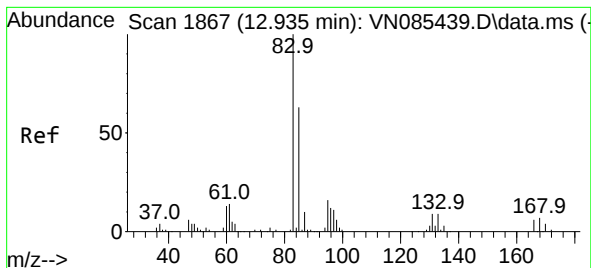
Tgt Ion:105 Resp: 39811
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3



#74
N-ethyl acetate
Concen: 4.595 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 17577
Ion Ratio Lower Upper
43 100
70 39.5 34.0 51.0
55 30.8 21.4 32.2
61 22.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.151 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

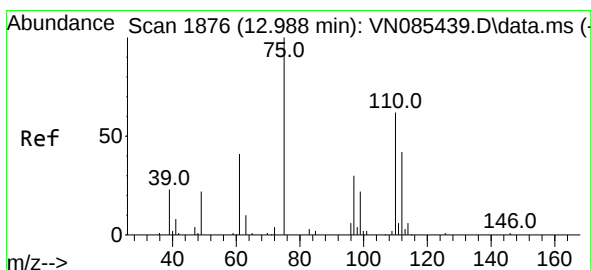
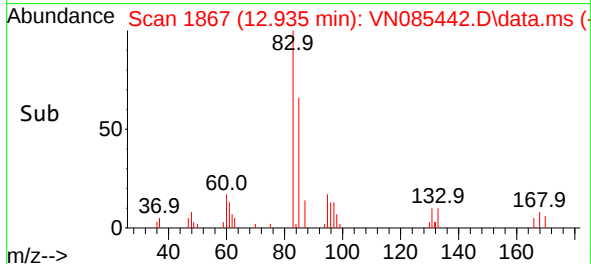
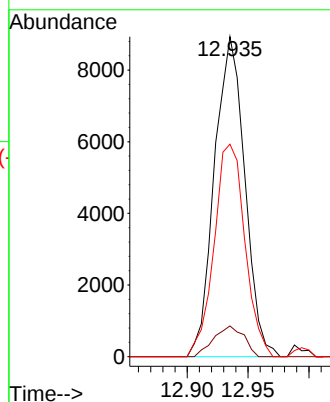
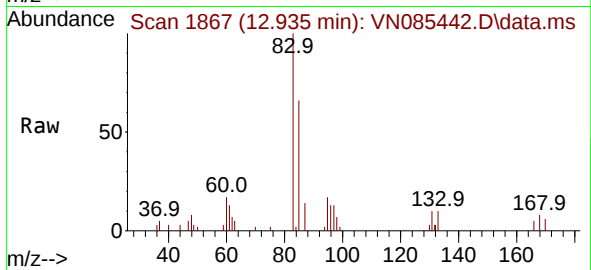
Tgt Ion: 83 Resp: 15483

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

85 67.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 7.279 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN085442.D

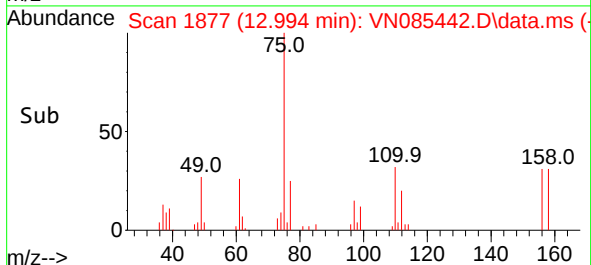
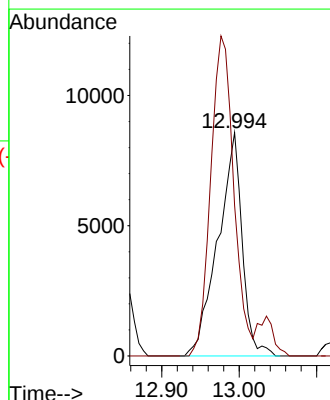
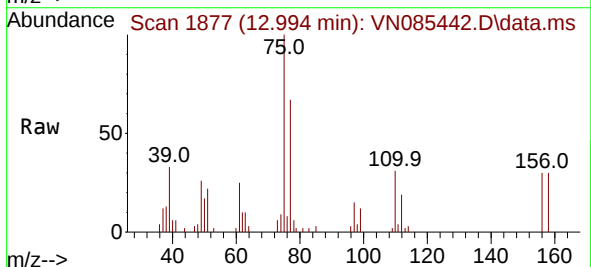
Acq: 14 Jan 2025 16:31

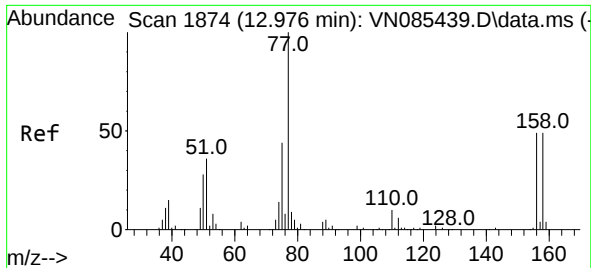
Tgt Ion: 75 Resp: 18624

Ion Ratio Lower Upper

75 100

77 136.7 109.7 329.2

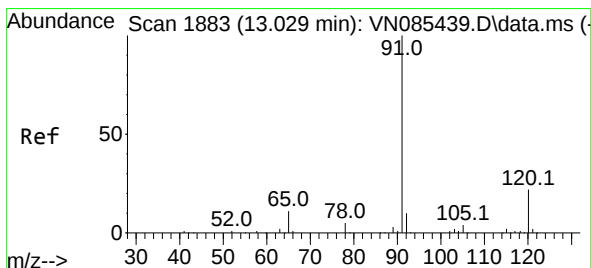
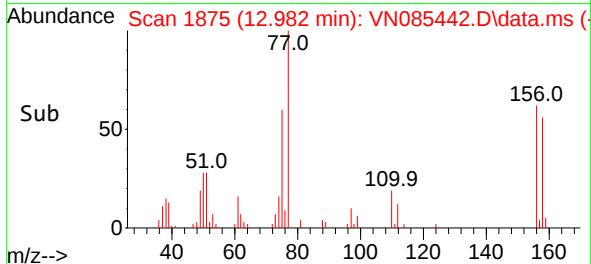
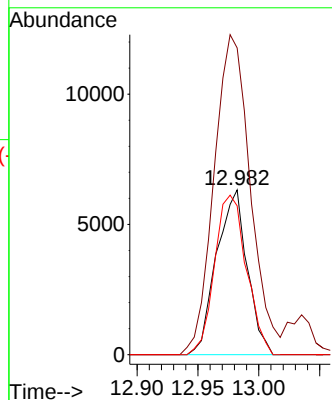
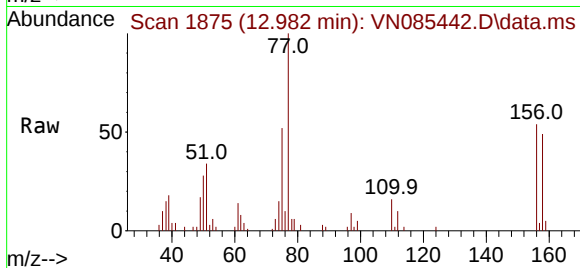




#77
Bromobenzene
Concen: 4.989 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

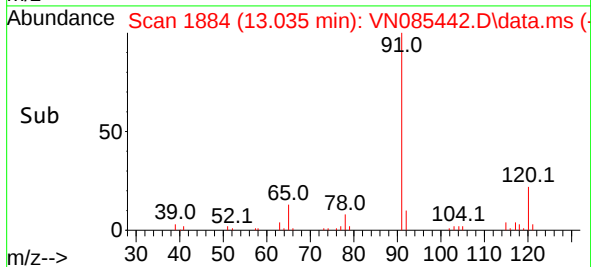
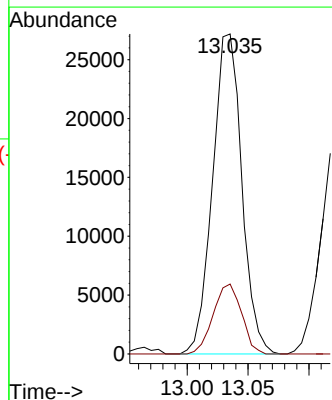
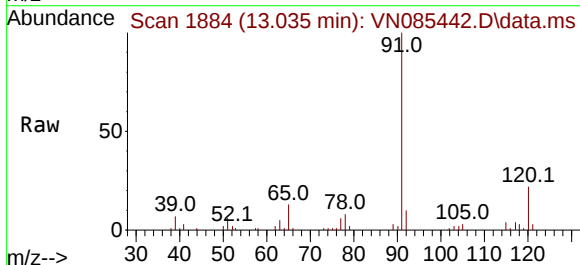
Instrument :
MSVOA_N
ClientSampleId :

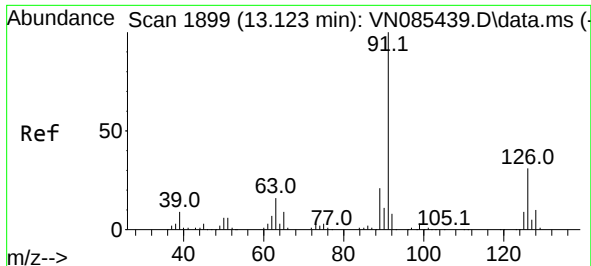
Tgt Ion:156 Resp: 11091
Ion Ratio Lower Upper
156 100
77 229.5 114.1 342.4
158 100.8 48.9 146.8



#78
n-propylbenzene
Concen: 4.512 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 91 Resp: 45450
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.6

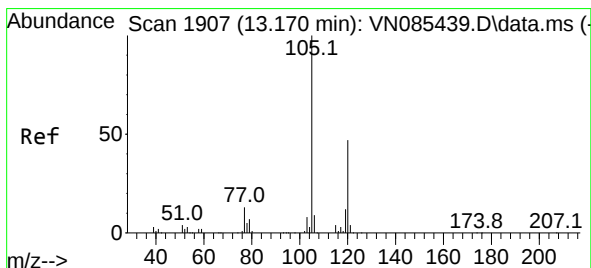
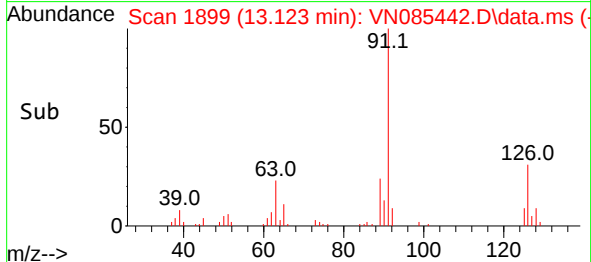
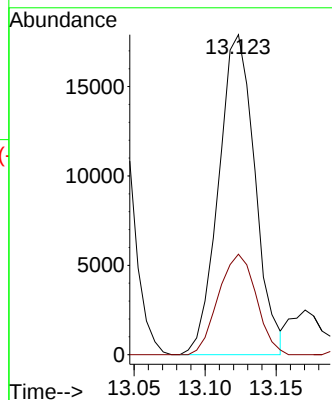
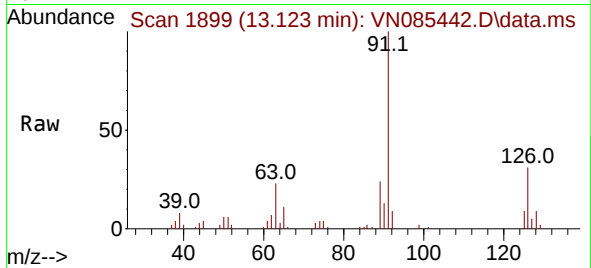




#79
2-Chlorotoluene
Concen: 4.898 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

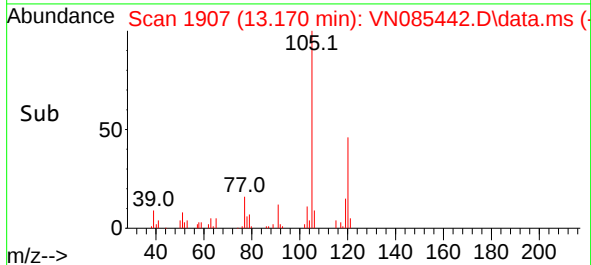
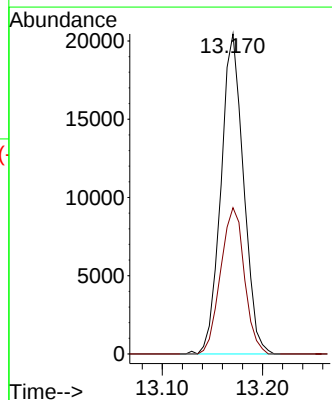
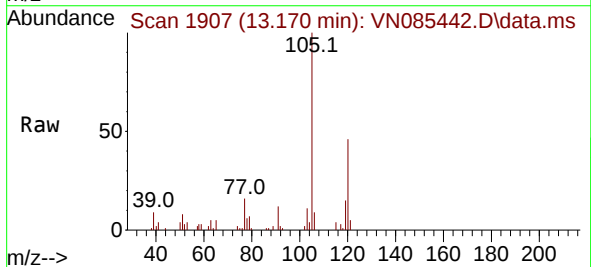
Instrument :
MSVOA_N
ClientSampleId :

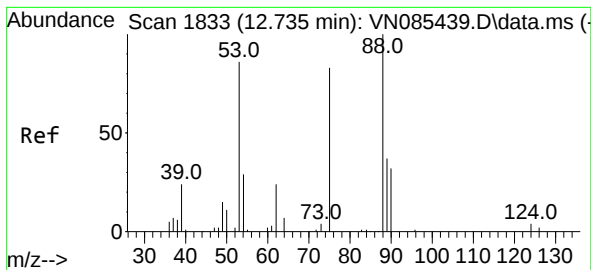
Tgt Ion: 91 Resp: 31932
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 4.537 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:105 Resp: 31891
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

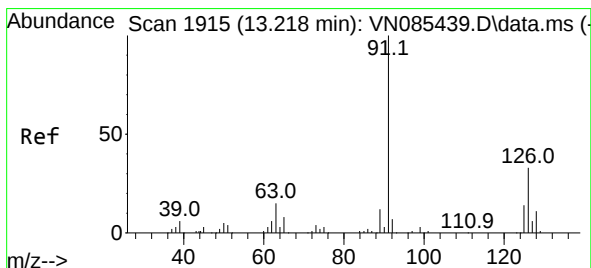
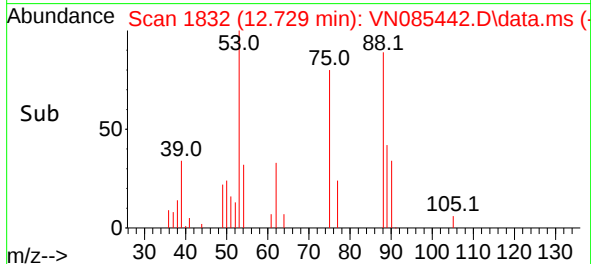
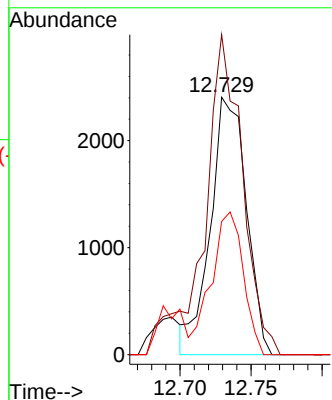
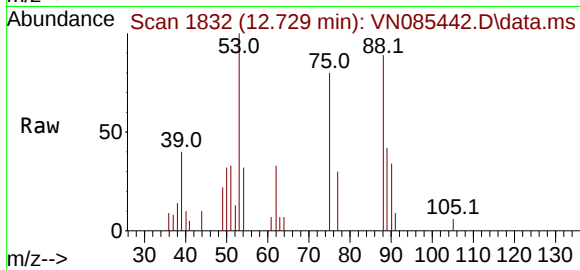




#81
trans-1,4-Dichloro-2-butene
Concen: 4.465 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

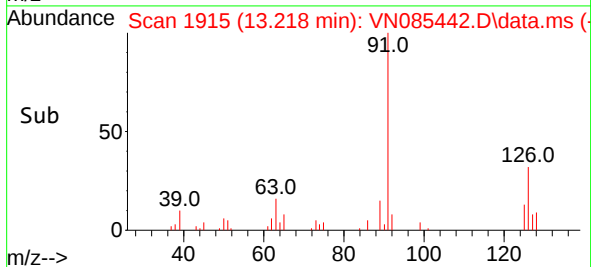
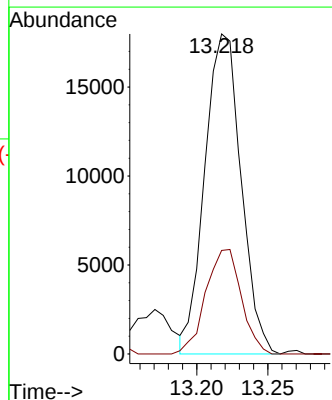
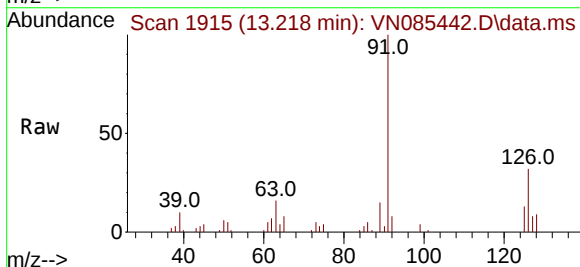
Instrument :
MSVOA_N
ClientSampleId :

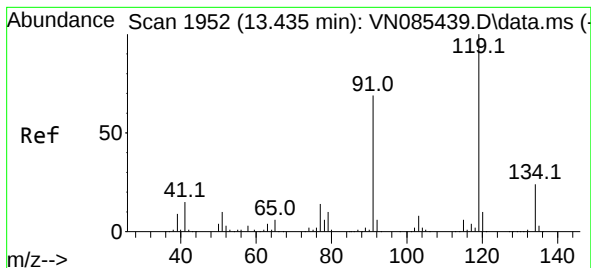
Tgt Ion: 75 Resp: 4229
Ion Ratio Lower Upper
75 100
53 132.6 95.6 143.4
89 49.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 4.926 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 91 Resp: 31976
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 4.675 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

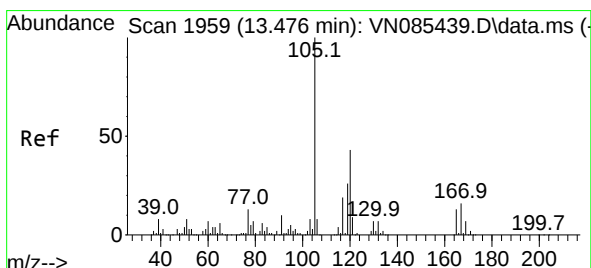
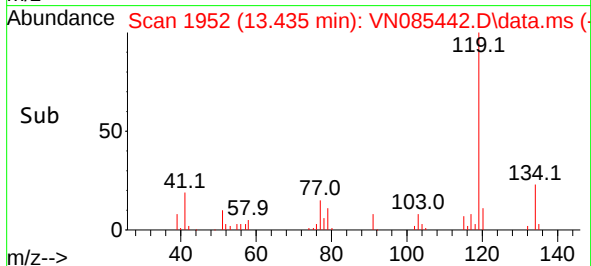
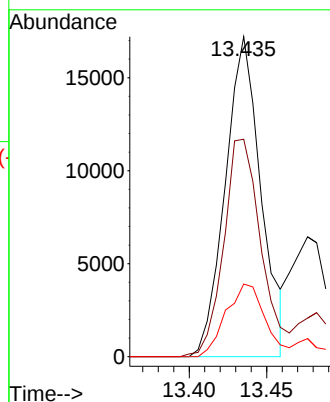
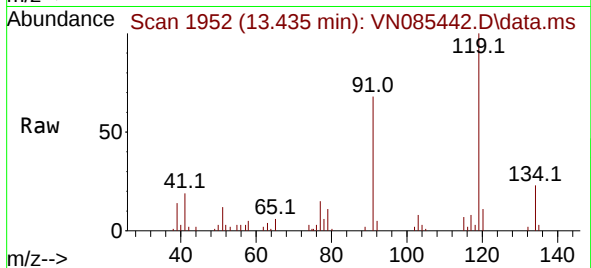
Tgt Ion:119 Resp: 27597

Ion Ratio Lower Upper

119 100

91 71.1 35.1 105.3

134 24.8 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 4.575 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085442.D

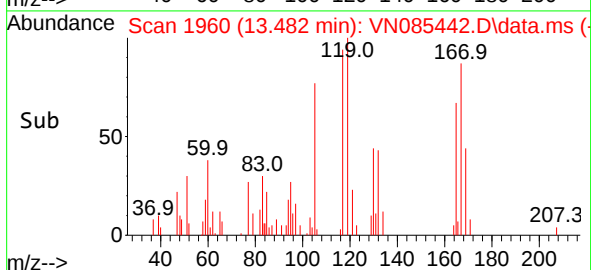
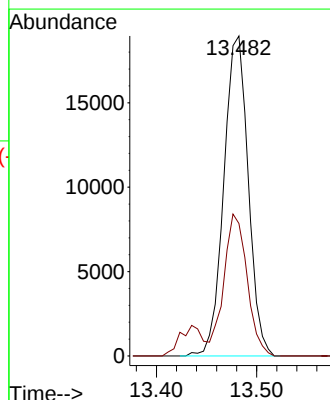
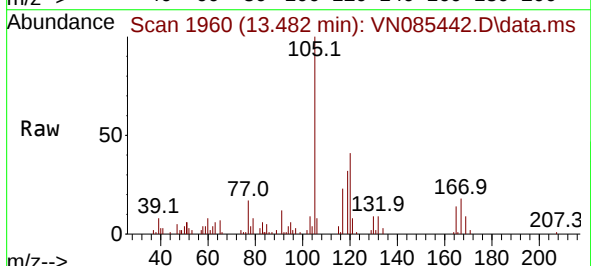
Acq: 14 Jan 2025 16:31

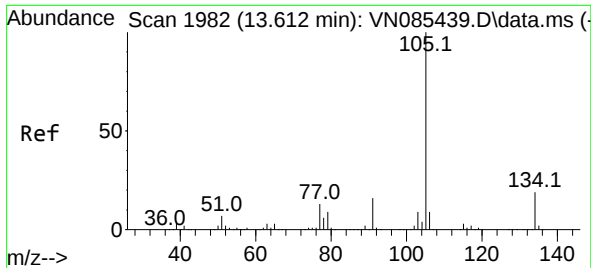
Tgt Ion:105 Resp: 32054

Ion Ratio Lower Upper

105 100

120 42.0 21.6 65.0

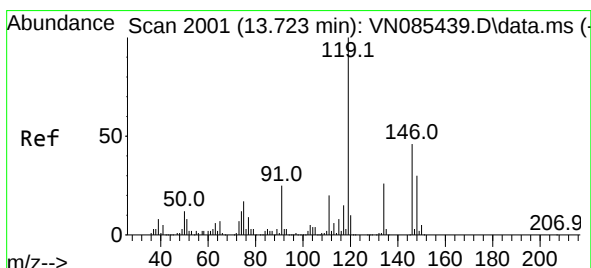
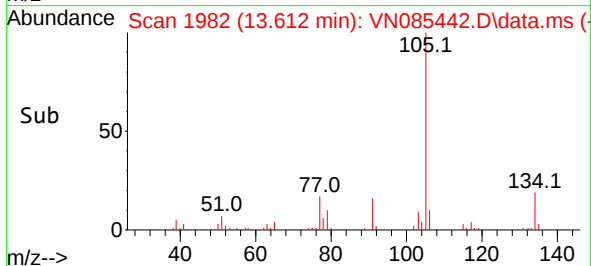
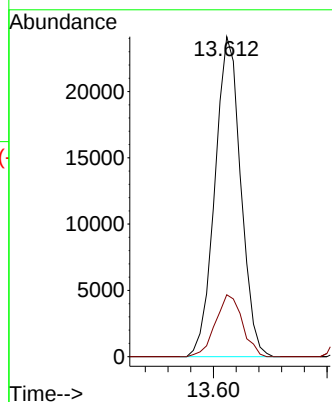
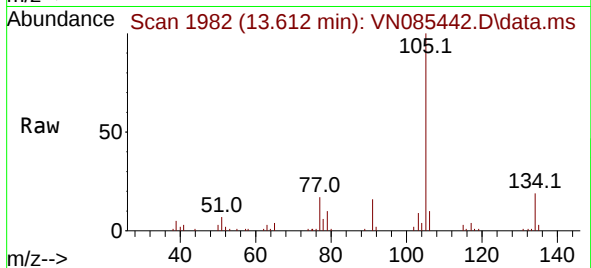




#85
 sec-Butylbenzene
 Concen: 4.663 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

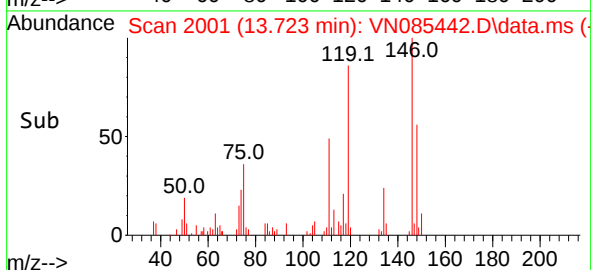
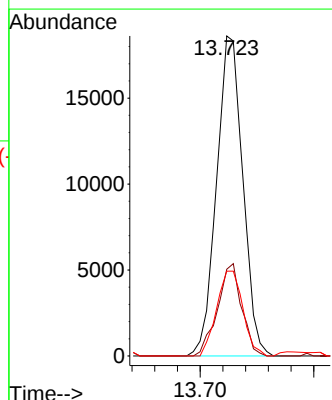
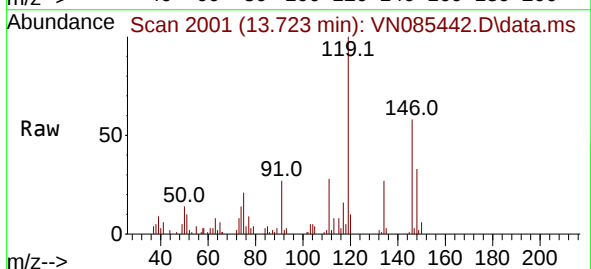
Instrument :
 MSVOA_N
 ClientSampleId :

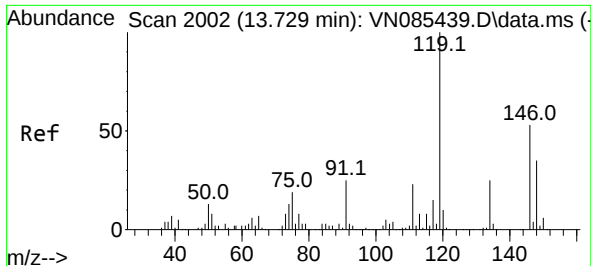
Tgt Ion:105 Resp: 38148
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.584 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085442.D
 Acq: 14 Jan 2025 16:31

Tgt Ion:119 Resp: 29856
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.7 38.0
 91 26.5 12.7 38.1

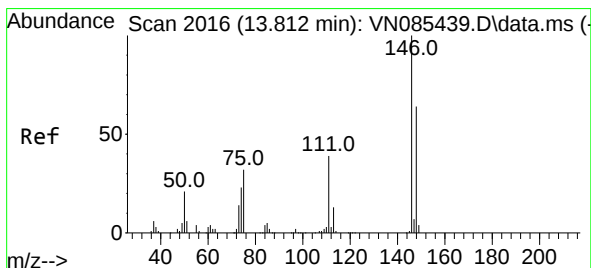
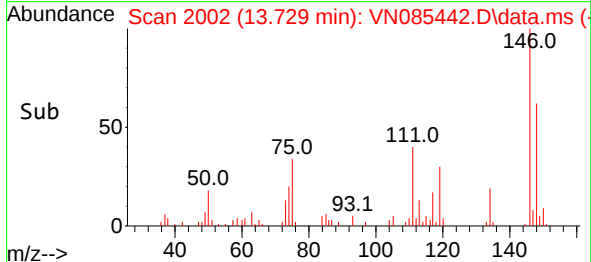
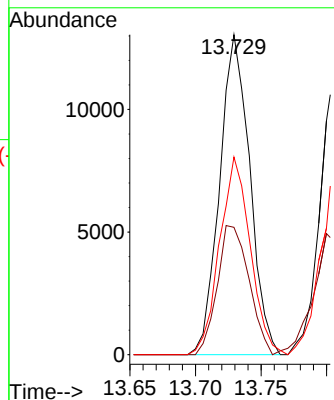
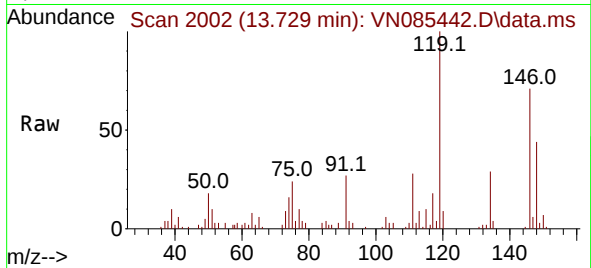




#87
1,3-Dichlorobenzene
Concen: 5.099 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

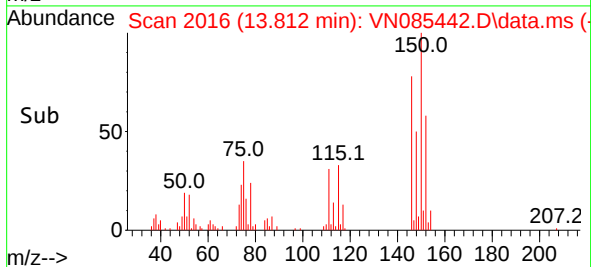
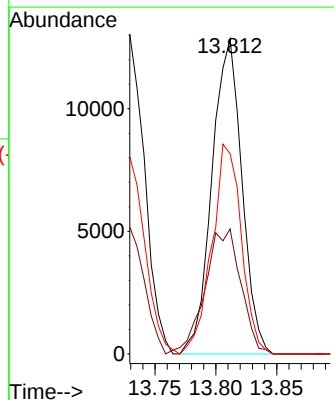
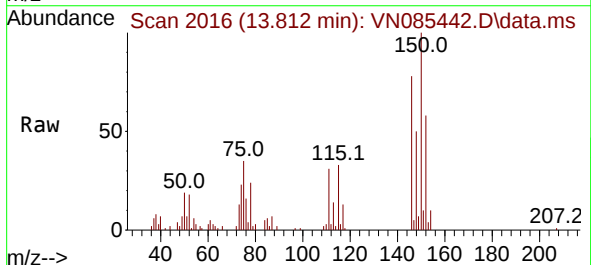
Instrument :
MSVOA_N
ClientSampleId :

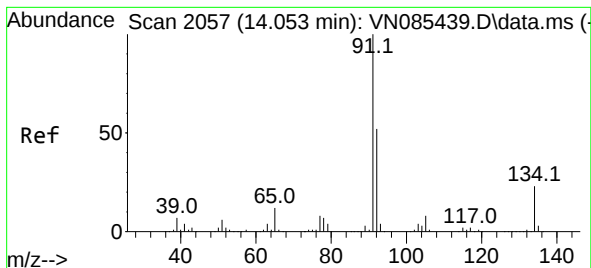
Tgt Ion:146 Resp: 20876
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.3
148 62.7 32.3 96.9



#88
1,4-Dichlorobenzene
Concen: 5.179 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:146 Resp: 21982
Ion Ratio Lower Upper
146 100
111 47.1 21.3 63.7
148 65.5 32.4 97.0





#89

n-Butylbenzene

Concen: 4.675 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085442.D

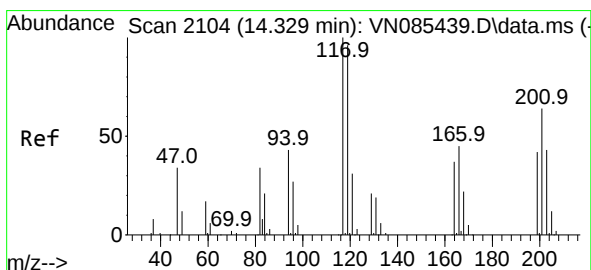
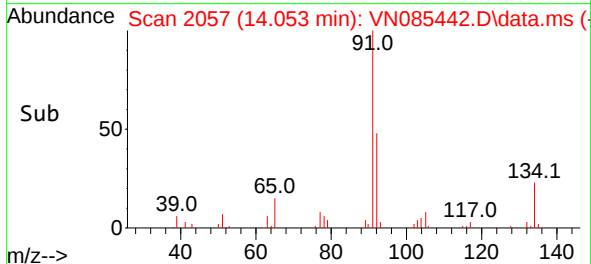
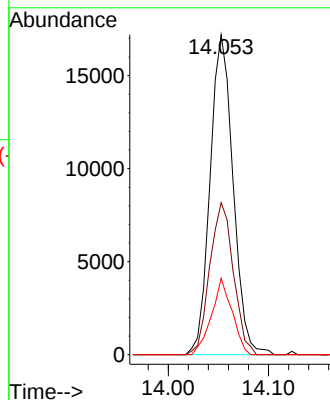
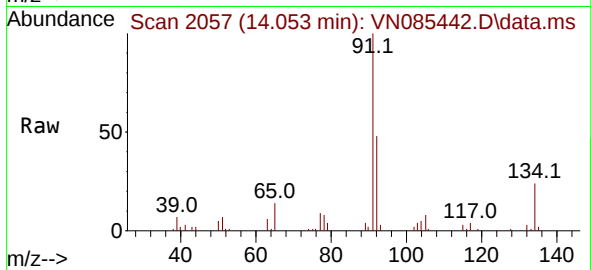
Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	27437
Ion	Ratio	Lower	Upper
91	100		
92	48.7	25.8	77.3
134	21.4	11.7	35.1



#90

Hexachloroethane

Concen: 4.987 ug/l

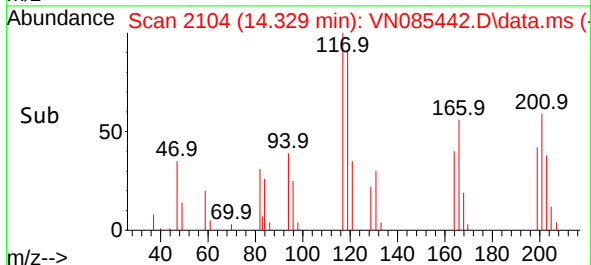
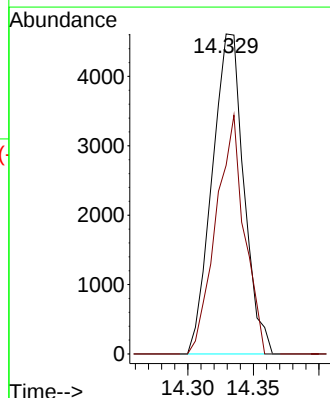
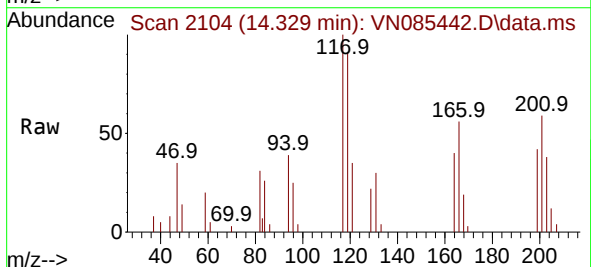
RT: 14.329 min Scan# 2104

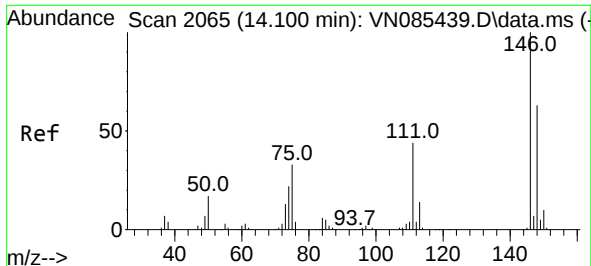
Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Tgt Ion:	117	Resp:	7767
Ion	Ratio	Lower	Upper
117	100		
201	66.9	33.7	101.0





#91

1,2-Dichlorobenzene

Concen: 4.940 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

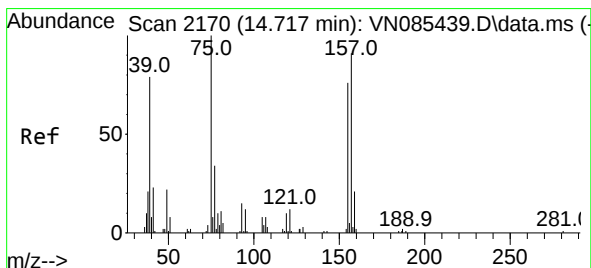
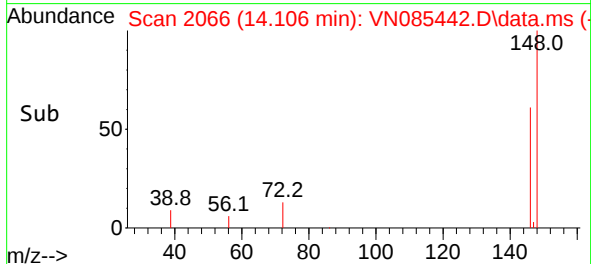
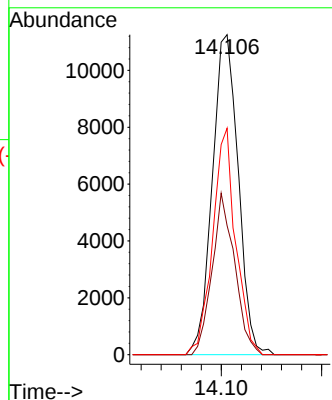
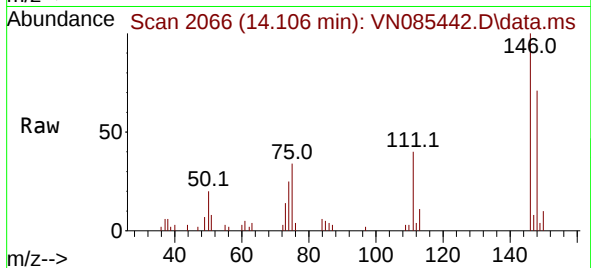
Tgt Ion:146 Resp: 20177

Ion Ratio Lower Upper

146 100

111 44.0 21.7 65.1

148 62.8 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.232 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

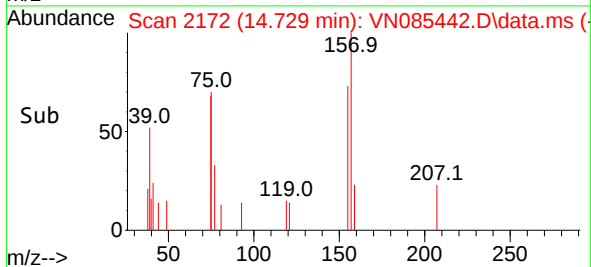
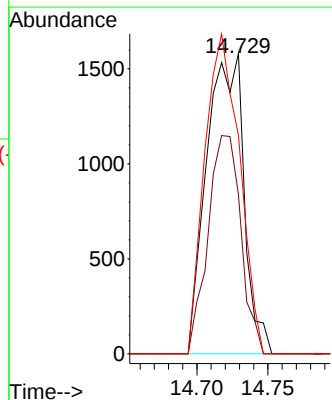
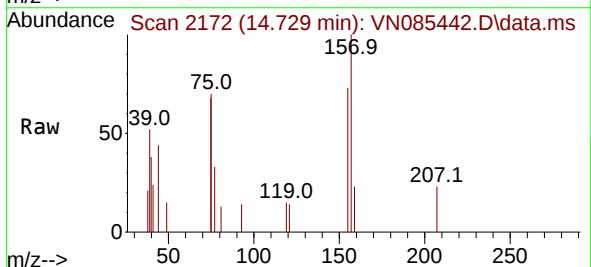
Tgt Ion: 75 Resp: 2872

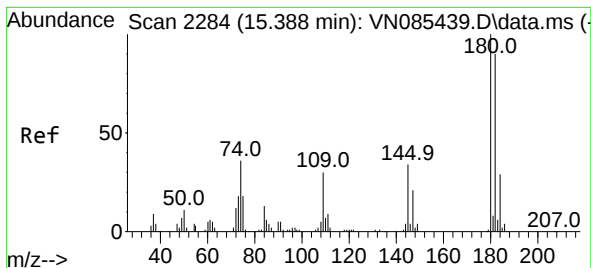
Ion Ratio Lower Upper

75 100

155 64.2 36.4 109.2

157 99.8 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 4.761 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

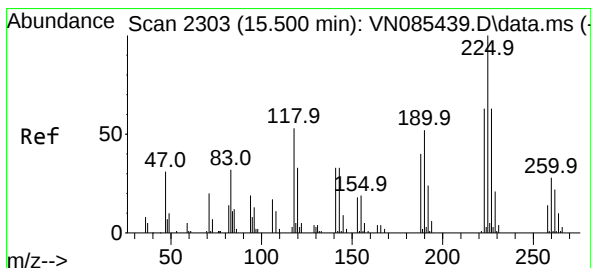
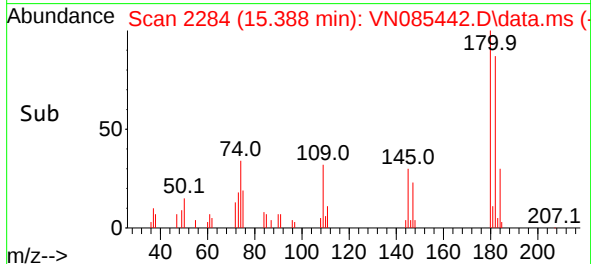
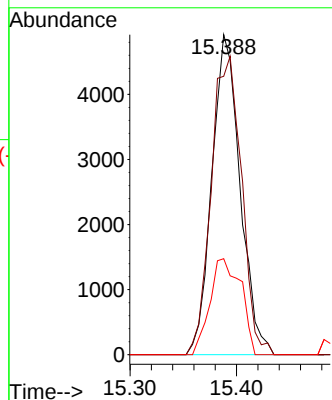
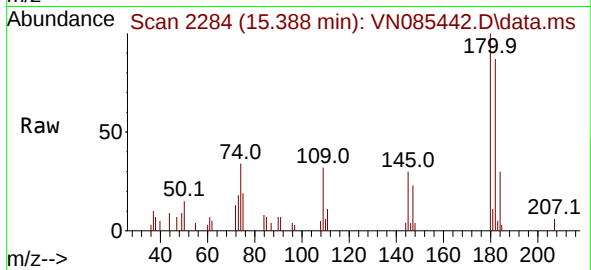
Tgt Ion:180 Resp: 9037

Ion Ratio Lower Upper

180 100

182 100.5 46.8 140.3

145 33.0 16.0 48.0



#94

Hexachlorobutadiene

Concen: 5.520 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085442.D

Acq: 14 Jan 2025 16:31

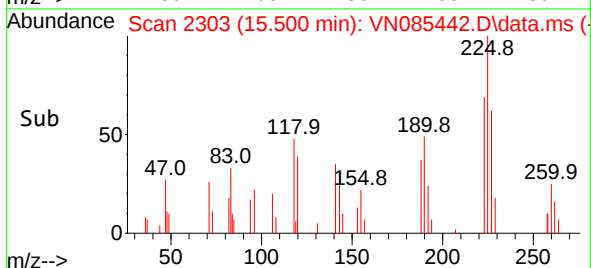
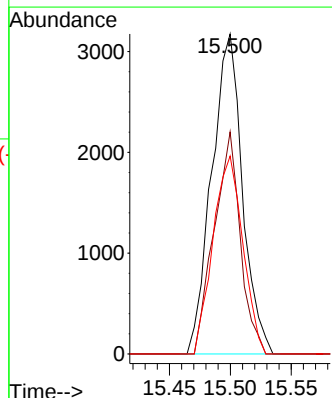
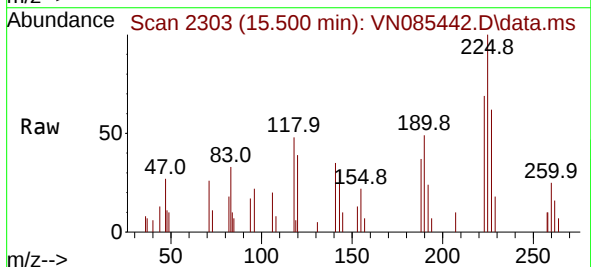
Tgt Ion:225 Resp: 5563

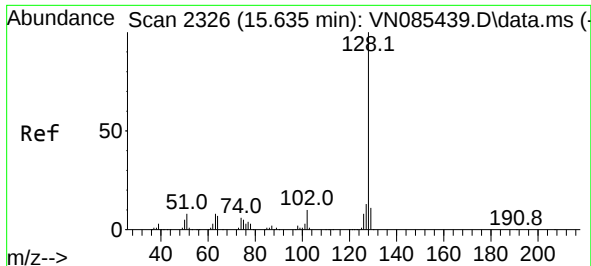
Ion Ratio Lower Upper

225 100

223 59.2 30.7 92.1

227 60.1 30.9 92.5

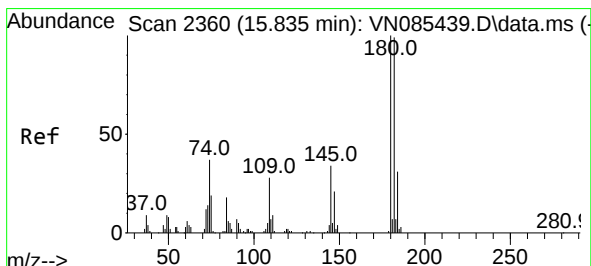
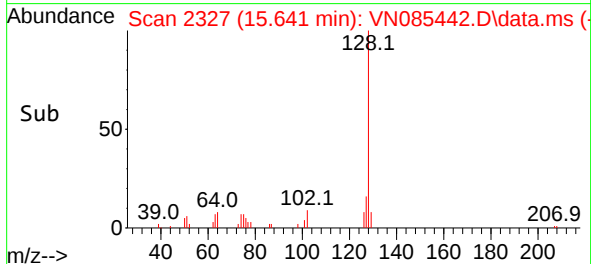
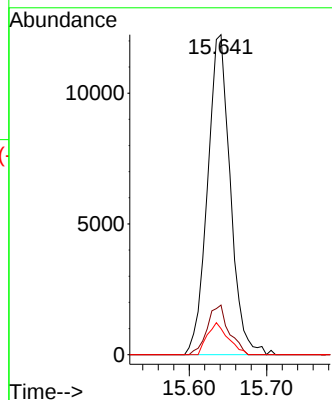
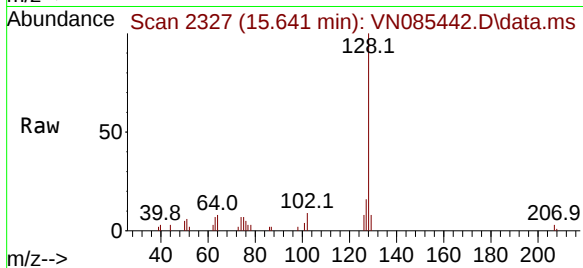




#95
Naphthalene
Concen: 4.422 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	25047
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.6	16.0
129	9.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.549 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085442.D
Acq: 14 Jan 2025 16:31

Tgt Ion:	180	Resp:	8737
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.4	142.2
145	35.5	16.9	50.7

