

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088177.D
 Acq On : 31 Oct 2025 11:14
 Operator : JC\MD
 Sample : VN1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Quant Time: Nov 01 00:29:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	337104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	608484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	536775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	261410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	306596	52.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.200%	
35) Dibromofluoromethane	8.153	113	209579	51.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	10.547	98	790392	50.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	12.829	95	288640	51.888	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70545	18.552	ug/l	97
3) Chloromethane	2.383	50	78949	17.648	ug/l	98
4) Vinyl Chloride	2.536	62	91996	18.874	ug/l	98
5) Bromomethane	2.983	94	50880	17.452	ug/l	95
6) Chloroethane	3.136	64	58708	16.717	ug/l	94
7) Trichlorofluoromethane	3.512	101	138045	17.757	ug/l	98
8) Diethyl Ether	3.959	74	56258	19.471	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	76283	19.016	ug/l	98
10) Methyl Iodide	4.589	142	64568	19.157	ug/l	96
11) Tert butyl alcohol	5.518	59	104237	103.796	ug/l	98
12) 1,1-Dichloroethene	4.336	96	74880	17.673	ug/l	99
13) Acrolein	4.171	56	127183	112.591	ug/l	99
14) Allyl chloride	5.012	41	137019	18.450	ug/l	95
15) Acrylonitrile	5.706	53	281767	103.003	ug/l	99
16) Acetone	4.418	43	272000	92.880	ug/l	97
17) Carbon Disulfide	4.706	76	215158	16.705	ug/l	96
18) Methyl Acetate	5.018	43	125915	21.002	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	320734	20.612	ug/l	96
20) Methylene Chloride	5.259	84	90771	20.379	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	84125	18.088	ug/l	92
22) Diisopropyl ether	6.653	45	320652	20.530	ug/l	99
23) Vinyl Acetate	6.589	43	1474692	104.820	ug/l	100
24) 1,1-Dichloroethane	6.559	63	172558	19.945	ug/l	99
25) 2-Butanone	7.471	43	398242	103.189	ug/l	97
26) 2,2-Dichloropropane	7.477	77	150359	19.124	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	103273	19.289	ug/l	95
28) Bromochloromethane	7.794	49	79550	19.460	ug/l	98
29) Tetrahydrofuran	7.824	42	256109	101.826	ug/l	99
30) Chloroform	7.947	83	175364	20.290	ug/l	96
31) Cyclohexane	8.236	56	155389	19.043	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	150382	19.535	ug/l	92
36) 1,1-Dichloropropene	8.347	75	121538	20.363	ug/l	99
37) Ethyl Acetate	7.547	43	152280	19.770	ug/l	96
38) Carbon Tetrachloride	8.341	117	126017	20.442	ug/l	95
39) Methylcyclohexane	9.583	83	139022	18.121	ug/l	98
40) Benzene	8.588	78	375489	20.657	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	83587	20.619	ug/l	99
42) 1,2-Dichloroethane	8.653	62	144128	22.315	ug/l	100
43) Isopropyl Acetate	8.671	43	253867	21.449	ug/l	99
44) Trichloroethene	9.335	130	84247	19.829	ug/l	98
45) 1,2-Dichloropropane	9.600	63	94956	20.692	ug/l	99
46) Dibromomethane	9.688	93	69918	21.362	ug/l	99
47) Bromodichloromethane	9.871	83	137790	21.028	ug/l #	99
48) Methyl methacrylate	9.659	41	122238	22.370	ug/l	100
49) 1,4-Dioxane	9.677	88	28810	423.910	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	770613	110.058	ug/l	100
52) Toluene	10.606	92	226951	20.250	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	144226	20.680	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	155927	21.069	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	86210	20.276	ug/l	96
56) Ethyl methacrylate	10.853	69	147675	21.947	ug/l	97
57) 1,3-Dichloropropane	11.141	76	157352	21.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	363135	103.755	ug/l	100
59) 2-Hexanone	11.177	43	482594	103.898	ug/l	96
60) Dibromochloromethane	11.335	129	96135	19.892	ug/l	99
61) 1,2-Dibromoethane	11.447	107	90987	20.793	ug/l	99
64) Tetrachloroethene	11.082	164	69872	19.734	ug/l	96
65) Chlorobenzene	11.871	112	240563	19.737	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	80452	20.147	ug/l	99
67) Ethyl Benzene	11.941	91	435941	20.376	ug/l	99
68) m/p-Xylenes	12.053	106	320392	39.968	ug/l	100
69) o-Xylene	12.376	106	158756	20.892	ug/l	96
70) Styrene	12.388	104	257361	20.769	ug/l	97
71) Bromoform	12.559	173	59912	20.105	ug/l #	99
73) Isopropylbenzene	12.676	105	408249	20.249	ug/l	99
74) N-amyl acetate	12.559	43	17694	3.091	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.918	83	128993	20.550	ug/l	94
76) 1,2,3-Trichloropropane	12.971	75	177374	29.678	ug/l	64
77) Bromobenzene	12.959	156	92765	21.337	ug/l	97
78) n-propylbenzene	13.012	91	495820	20.152	ug/l	98
79) 2-Chlorotoluene	13.106	91	293250	20.899	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	336463	20.094	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	38767	18.094	ug/l	96
82) 4-Chlorotoluene	13.200	91	307735	20.271	ug/l	98
83) tert-Butylbenzene	13.418	119	284425	19.015	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	345947	20.650	ug/l	98
85) sec-Butylbenzene	13.594	105	410642	18.686	ug/l	99
86) p-Isopropyltoluene	13.706	119	340624	19.321	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	173236	19.960	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	179991	19.308	ug/l	96
89) n-Butylbenzene	14.035	91	317525	18.183	ug/l	99
90) Hexachloroethane	14.312	117	60477	17.715	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	170969	20.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30149	20.636	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	95242	18.797	ug/l	98
94) Hexachlorobutadiene	15.476	225	32969	17.473	ug/l	99
95) Naphthalene	15.612	128	340202	19.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	89606	18.444	ug/l	99

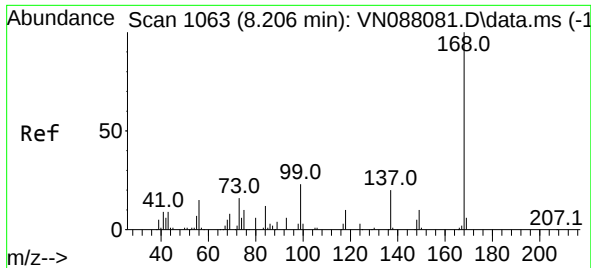
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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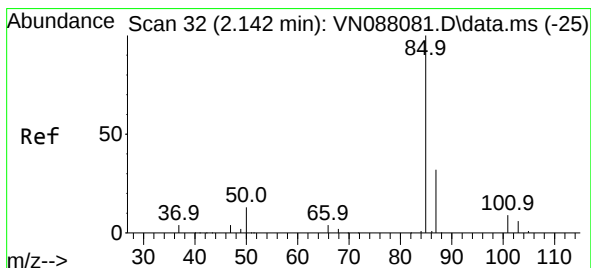
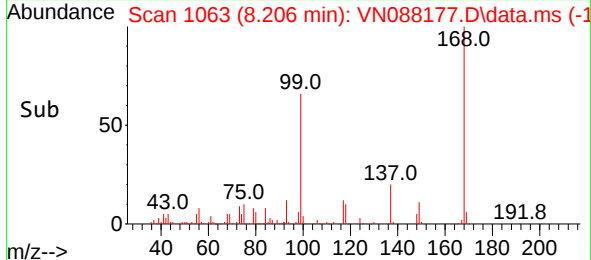
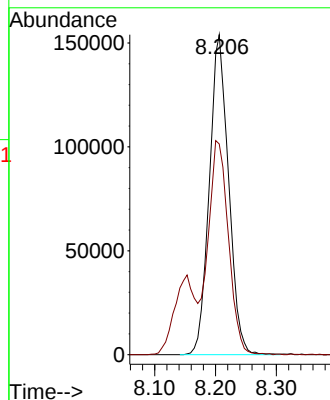
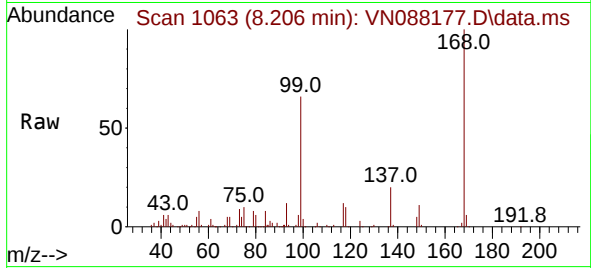
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

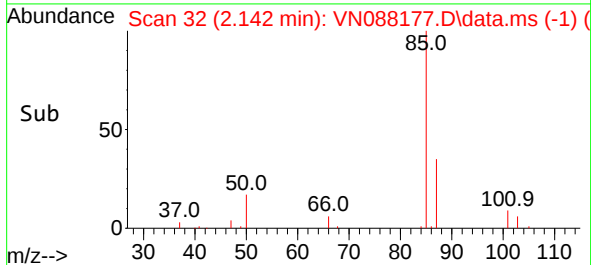
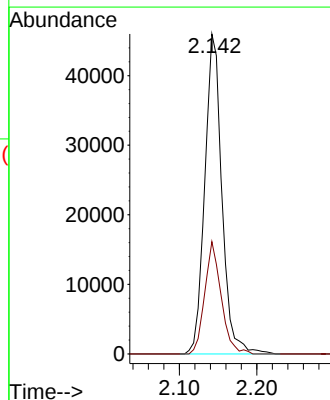
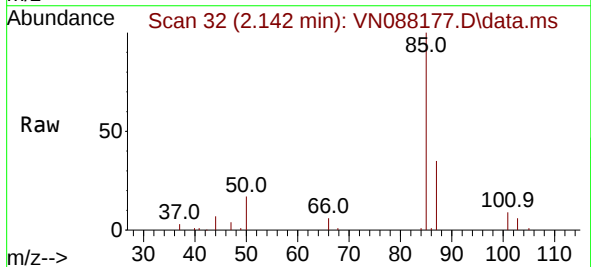
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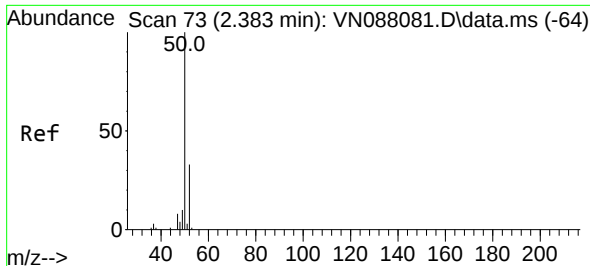
Tgt Ion:168 Resp: 337104
Ion Ratio Lower Upper
168 100
99 65.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.552 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 85 Resp: 70545
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8

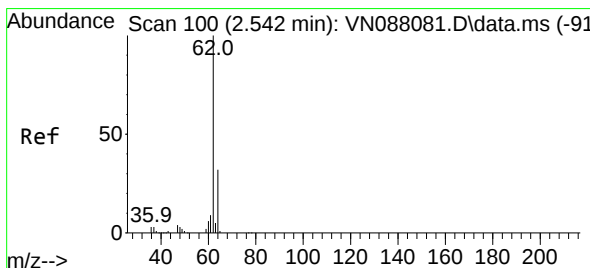
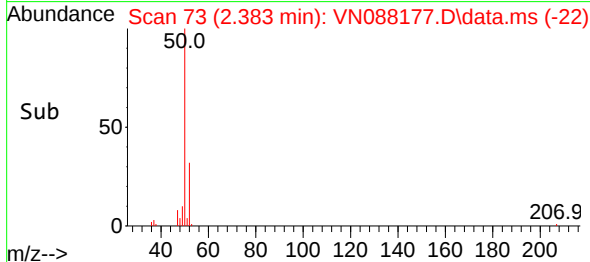
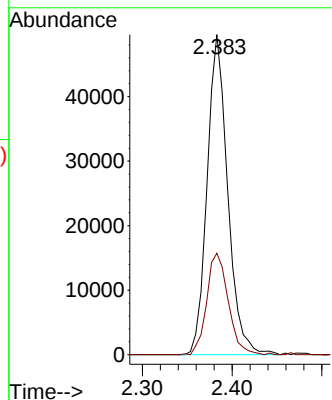
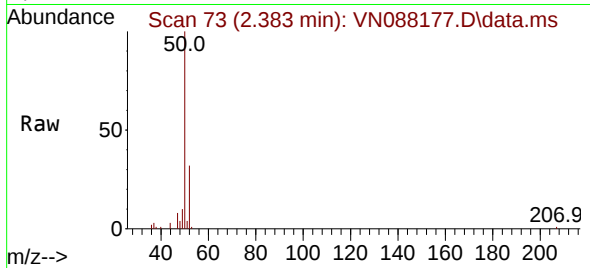




#3
Chloromethane
Concen: 17.648 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

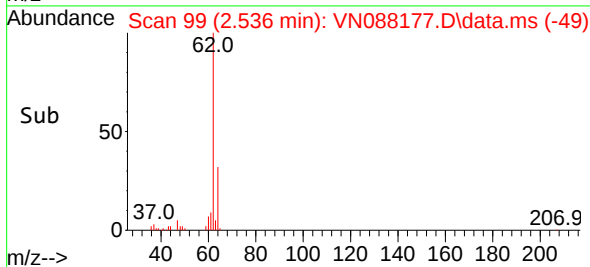
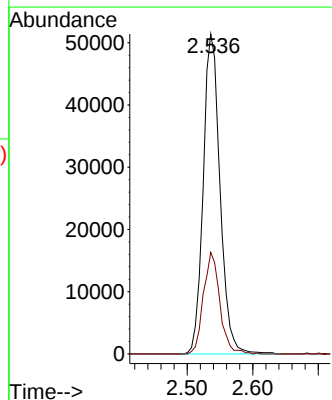
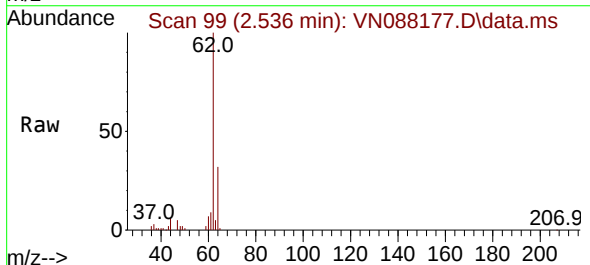
Instrument :
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ClientSampleId :
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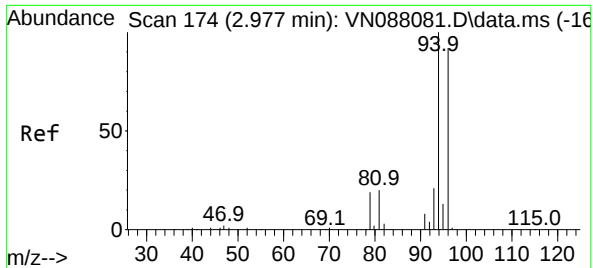
Tgt Ion: 50 Resp: 78949
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.4



#4
Vinyl Chloride
Concen: 18.874 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 62 Resp: 91996
Ion Ratio Lower Upper
62 100
64 31.7 24.6 37.0

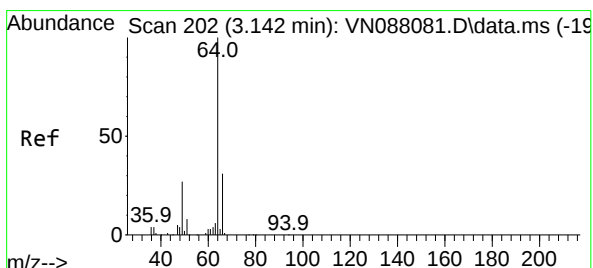
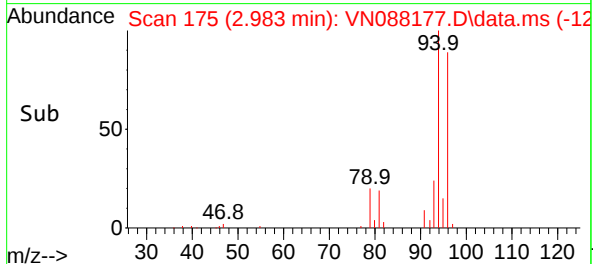
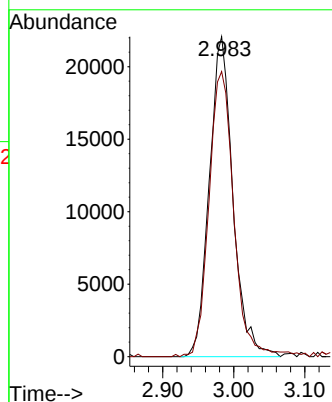
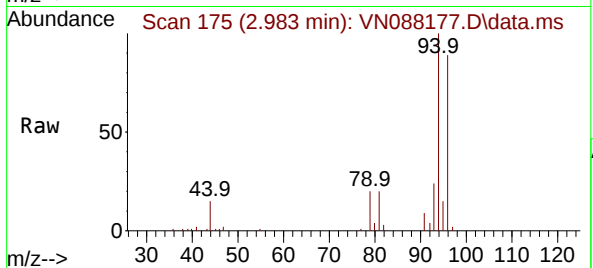




#5
Bromomethane
Concen: 17.452 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

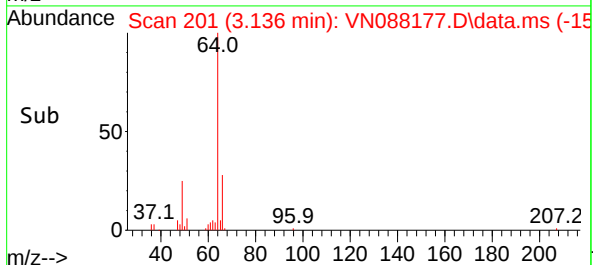
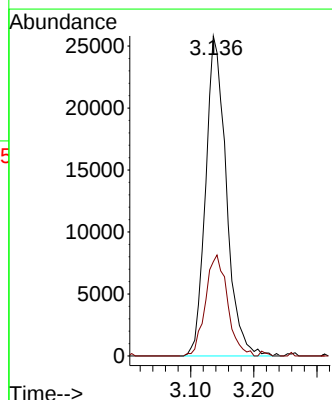
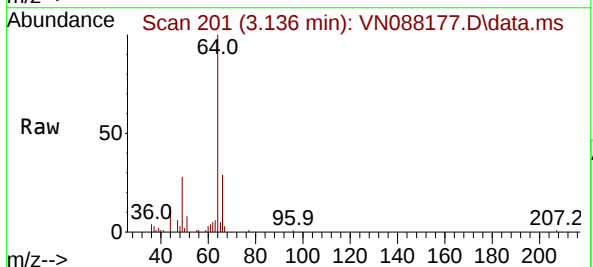
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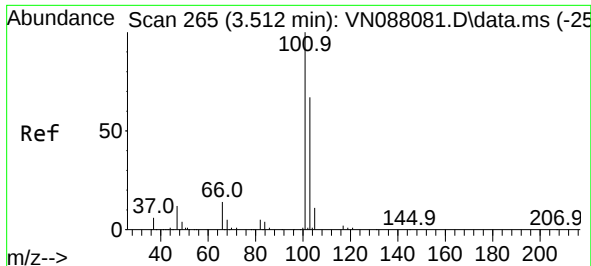
Tgt Ion: 94 Resp: 50880
Ion Ratio Lower Upper
94 100
96 89.1 75.4 113.2



#6
Chloroethane
Concen: 16.717 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 64 Resp: 58708
Ion Ratio Lower Upper
64 100
66 29.5 26.2 39.2

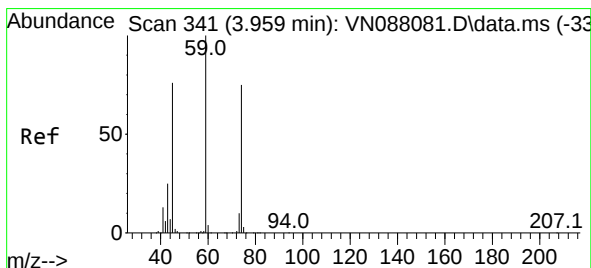
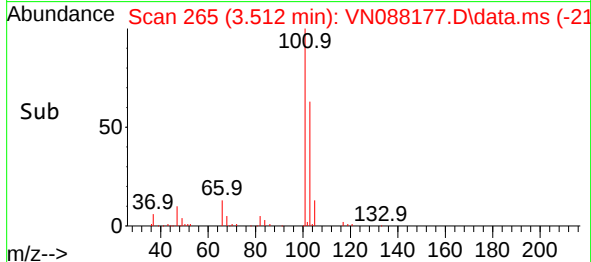
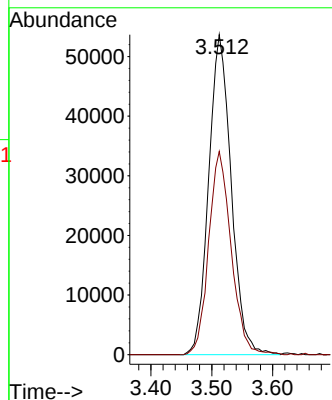
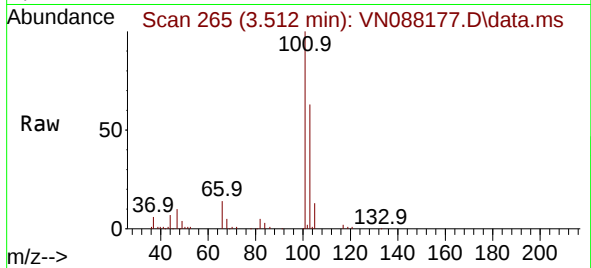




#7
 Trichlorofluoromethane
 Concen: 17.757 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

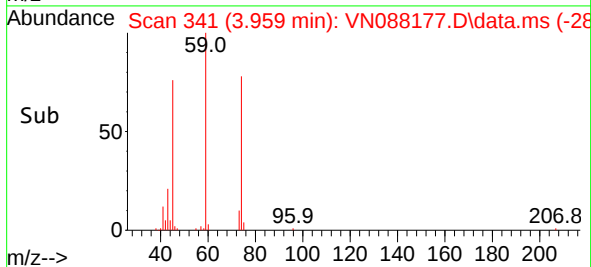
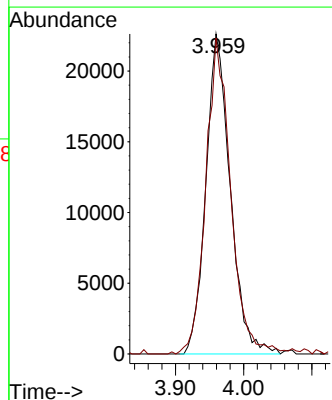
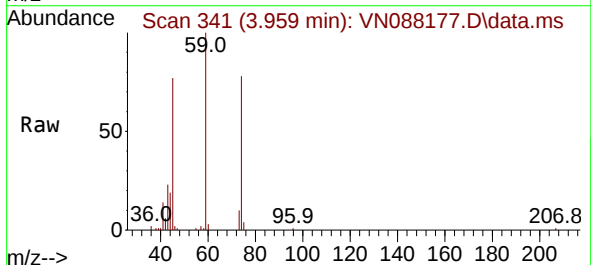
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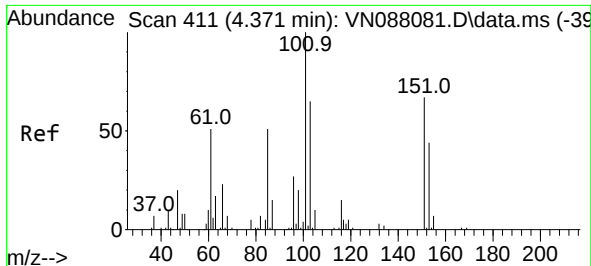
Tgt Ion:101 Resp: 138045
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.4 74.0



#8
 Diethyl Ether
 Concen: 19.471 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

Tgt Ion: 74 Resp: 56258
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.6 151.9

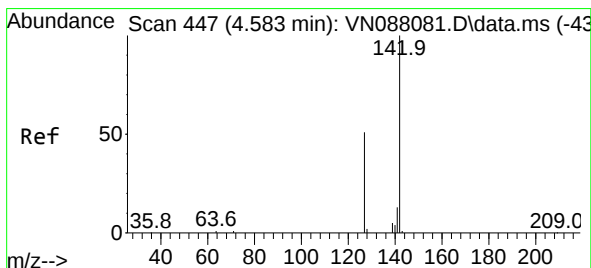
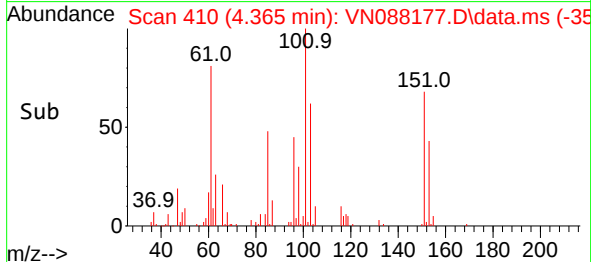
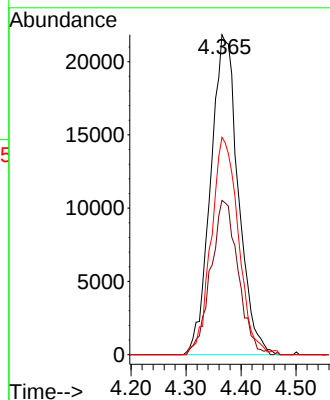
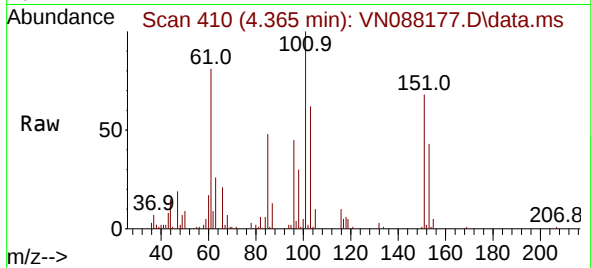




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.016 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088177.D
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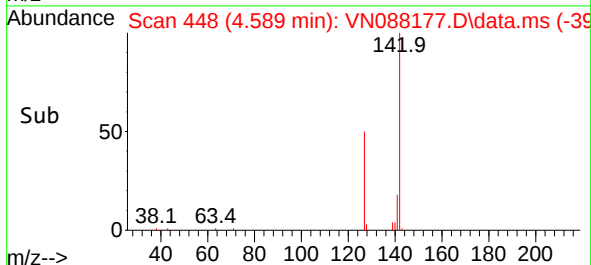
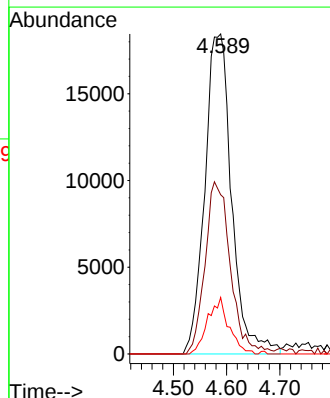
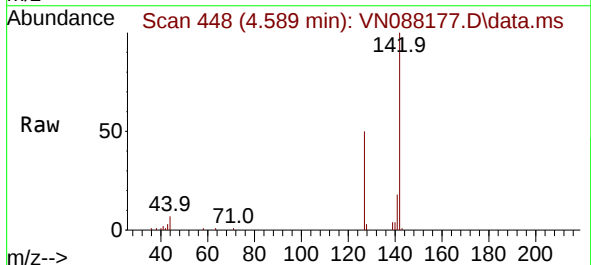
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

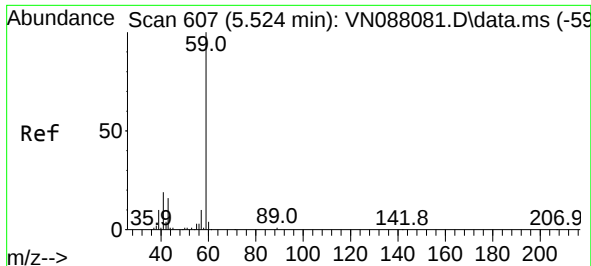
Tgt Ion:101 Resp: 76283
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 66.6 54.7 82.1



#10
Methyl Iodide
Concen: 19.157 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:142 Resp: 64568
Ion Ratio Lower Upper
142 100
127 49.8 38.0 57.0
141 17.6 12.0 18.0

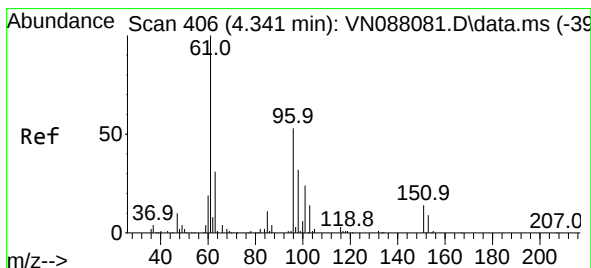
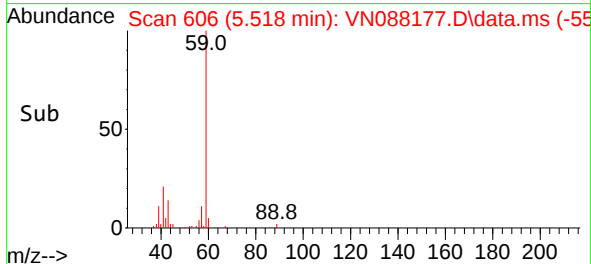
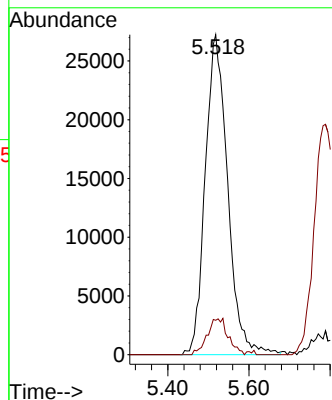
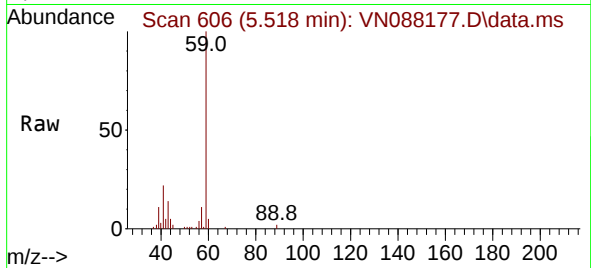




#11
Tert butyl alcohol
Concen: 103.796 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

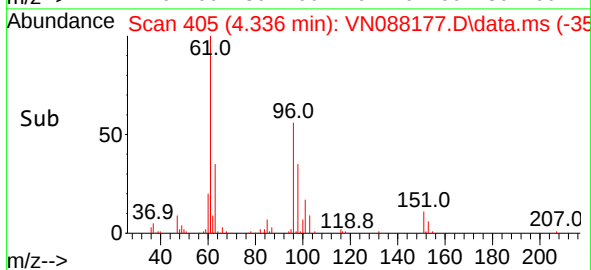
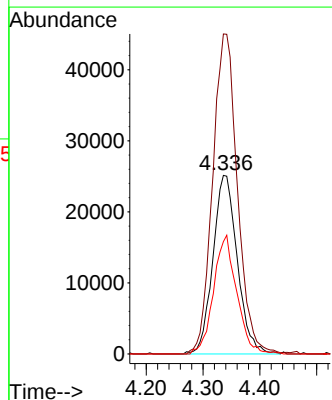
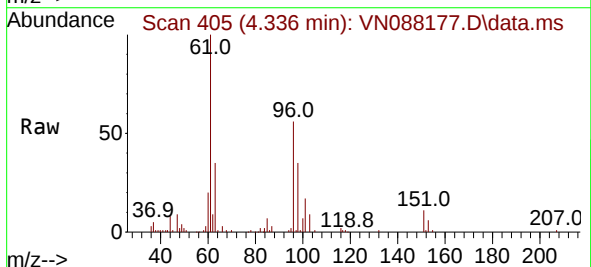
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

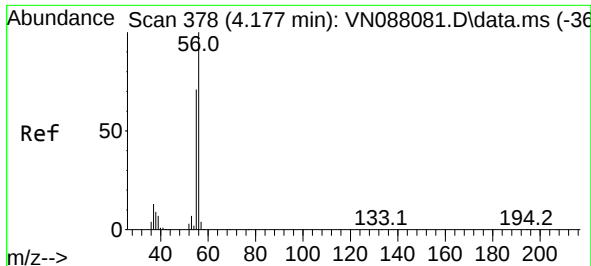
Tgt Ion: 59 Resp: 104237
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.673 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 96 Resp: 74880
Ion Ratio Lower Upper
96 100
61 179.2 143.8 215.8
98 62.9 52.1 78.1

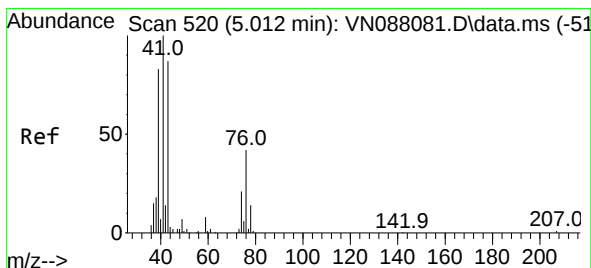
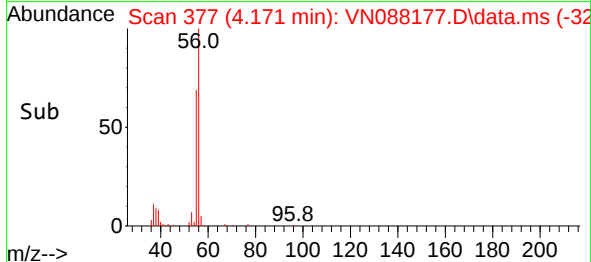
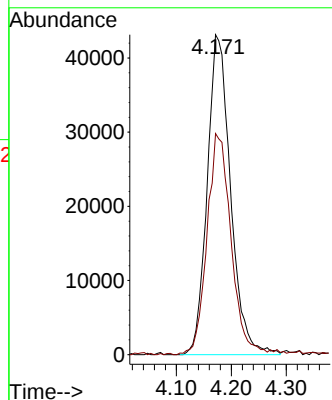
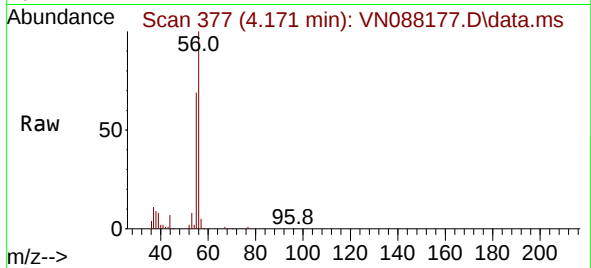




#13
Acrolein
Concen: 112.591 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

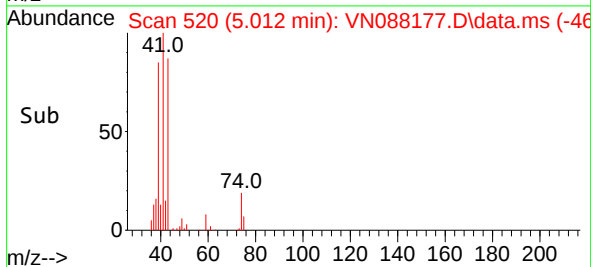
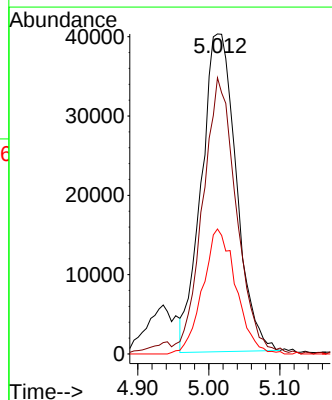
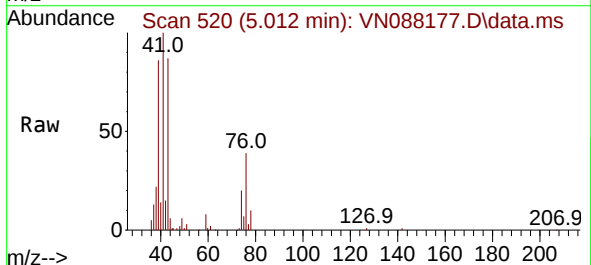
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

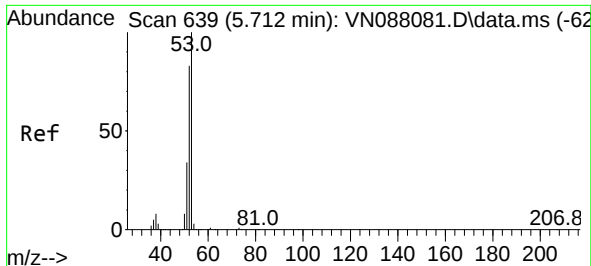
Tgt Ion: 56 Resp: 127183
Ion Ratio Lower Upper
56 100
55 70.9 57.3 85.9



#14
Allyl chloride
Concen: 18.450 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 41 Resp: 137019
Ion Ratio Lower Upper
41 100
39 84.1 63.9 95.9
76 37.5 28.1 42.1

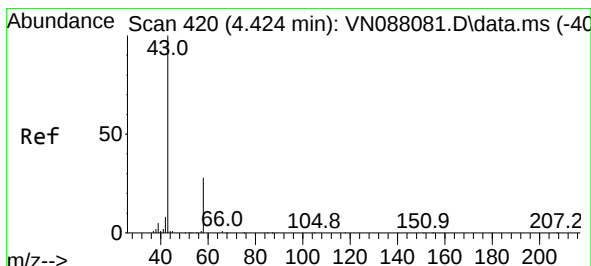
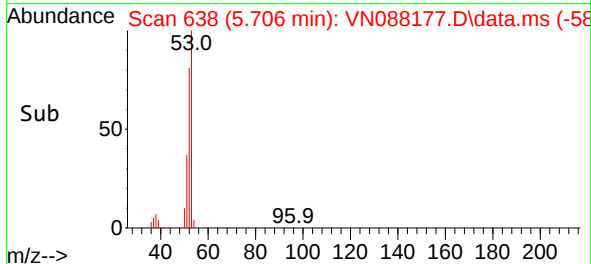
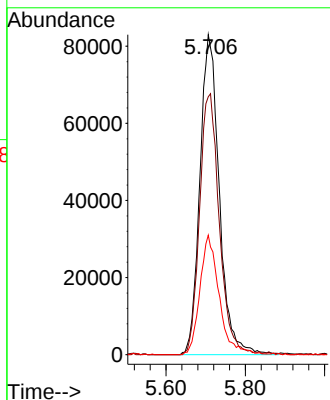
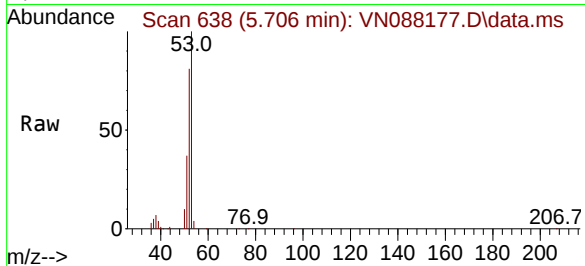




#15
Acrylonitrile
Concen: 103.003 ug/l
RT: 5.706 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

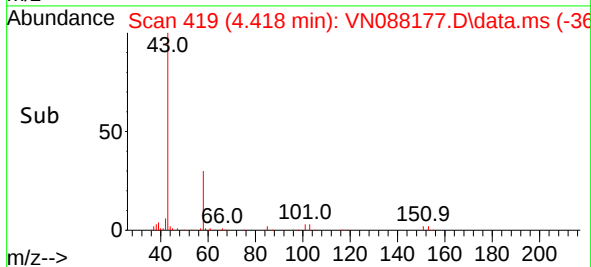
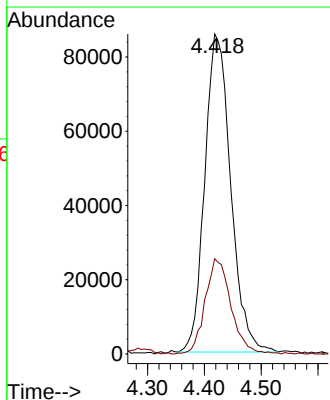
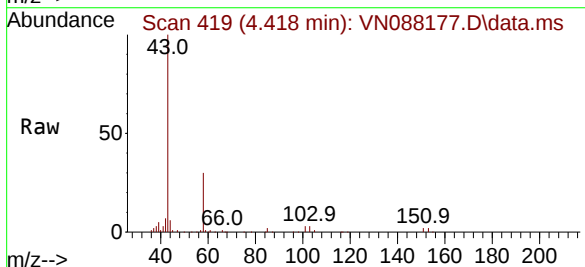
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

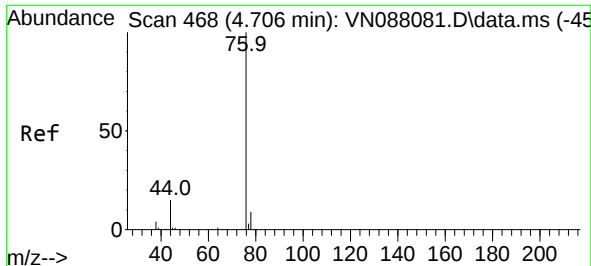
Tgt Ion: 53 Resp: 281767
Ion Ratio Lower Upper
53 100
52 83.0 67.6 101.4
51 37.1 30.1 45.1



#16
Acetone
Concen: 92.880 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 43 Resp: 272000
Ion Ratio Lower Upper
43 100
58 29.7 22.6 33.8

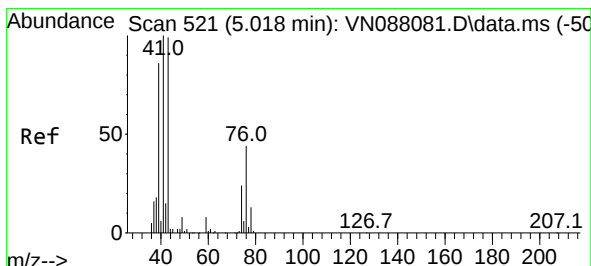
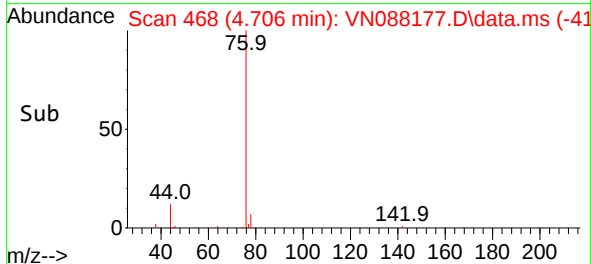
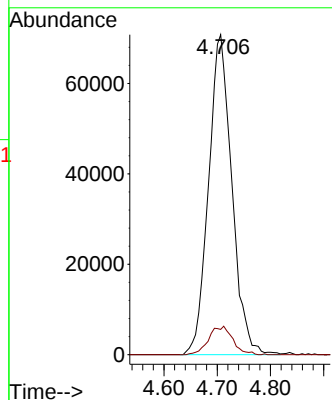
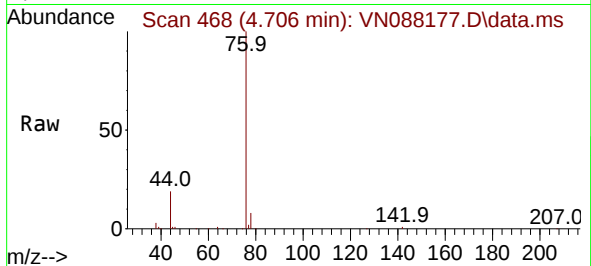




#17
Carbon Disulfide
Concen: 16.705 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

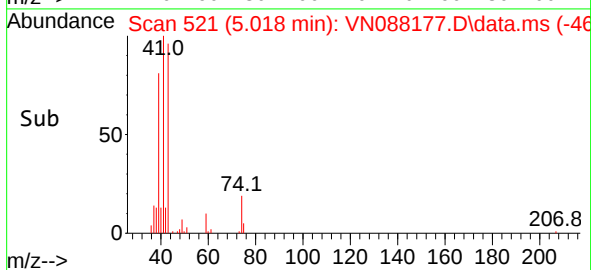
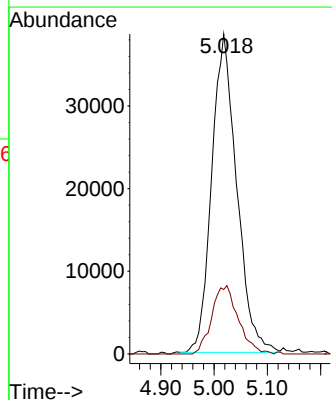
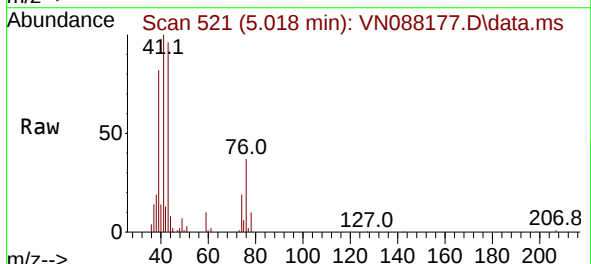
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

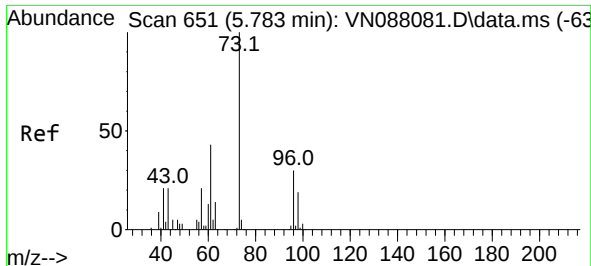
Tgt Ion: 76 Resp: 215158
Ion Ratio Lower Upper
76 100
78 7.9 7.6 11.4



#18
Methyl Acetate
Concen: 21.002 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 43 Resp: 125915
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4

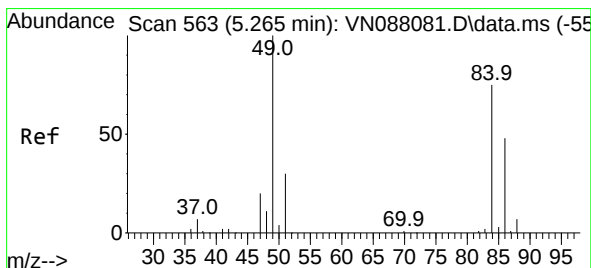
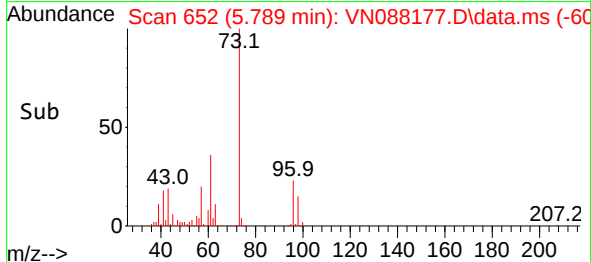
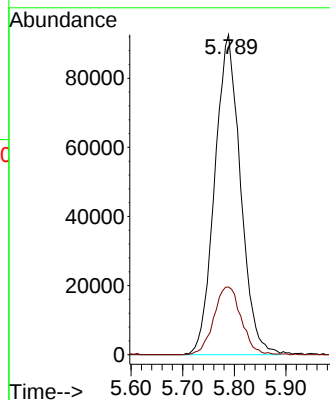
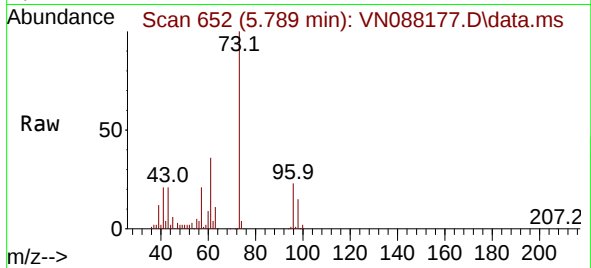




#19
Methyl tert-butyl Ether
Concen: 20.612 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

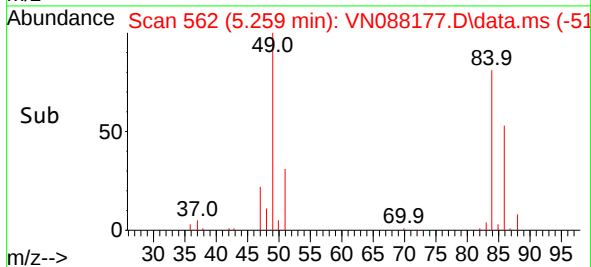
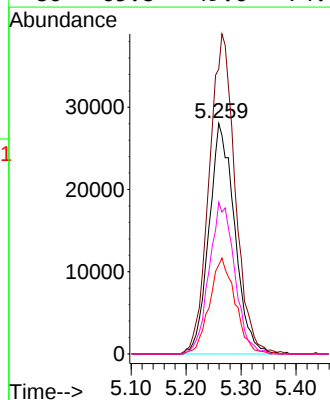
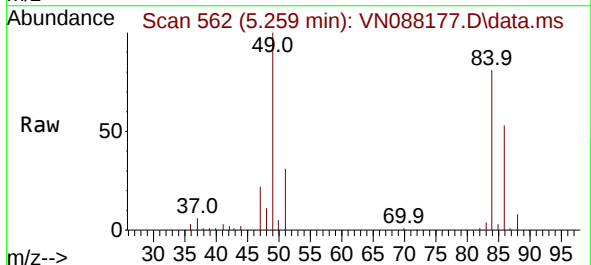
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

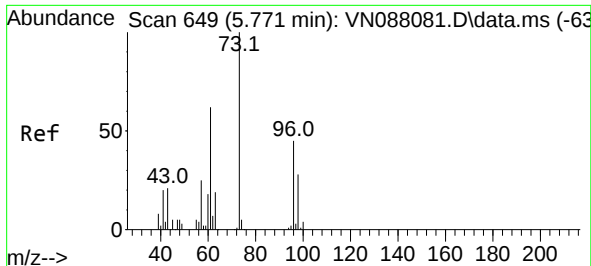
Tgt Ion: 73 Resp: 320734
Ion Ratio Lower Upper
73 100
57 21.2 18.4 27.6



#20
Methylene Chloride
Concen: 20.379 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 84 Resp: 90771
Ion Ratio Lower Upper
84 100
49 123.6 103.4 155.2
51 38.6 33.8 50.8
86 65.8 49.6 74.4

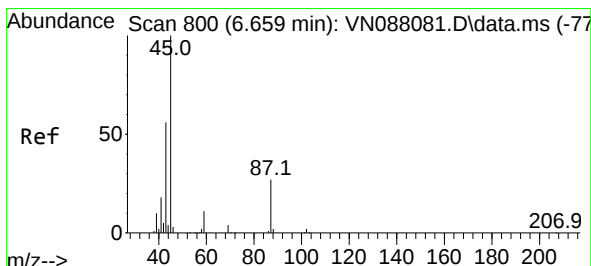
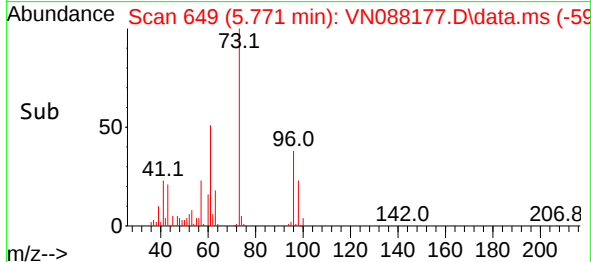
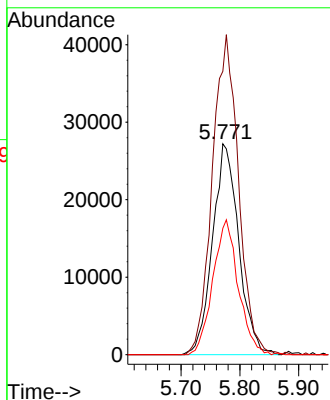
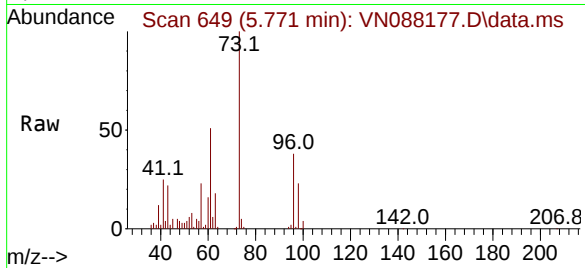




#21
trans-1,2-Dichloroethene
Concen: 18.088 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

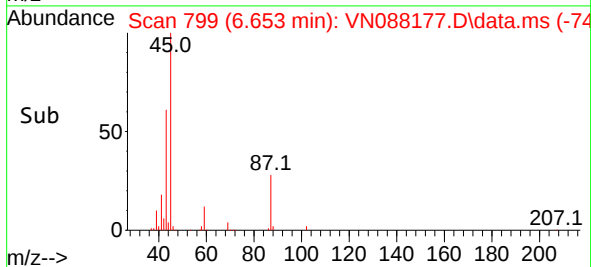
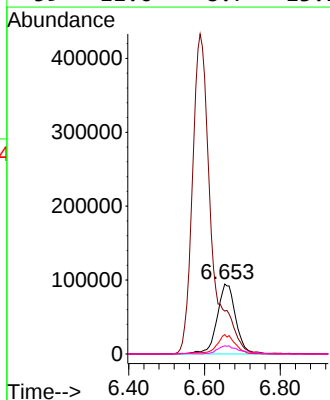
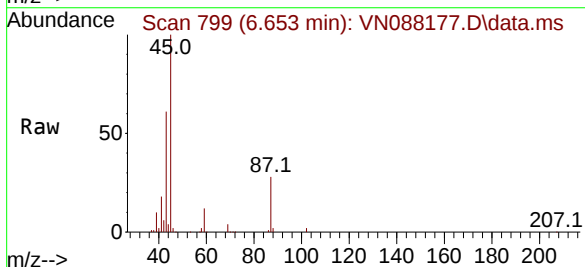
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

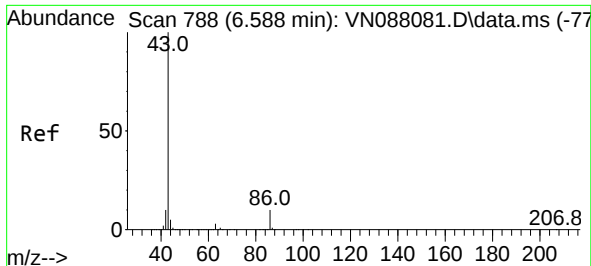
Tgt Ion: 96 Resp: 84125
Ion Ratio Lower Upper
96 100
61 134.3 118.0 177.0
98 59.9 50.0 75.0



#22
Diisopropyl ether
Concen: 20.530 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 45 Resp: 320652
Ion Ratio Lower Upper
45 100
43 60.4 47.7 71.5
87 27.7 21.4 32.0
59 11.6 8.7 13.1

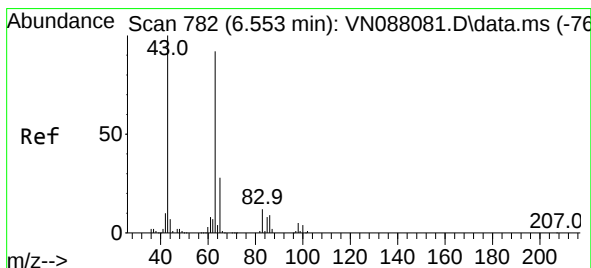
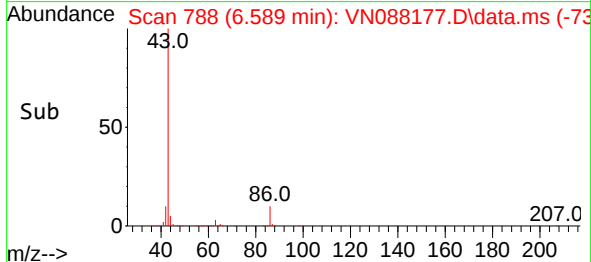
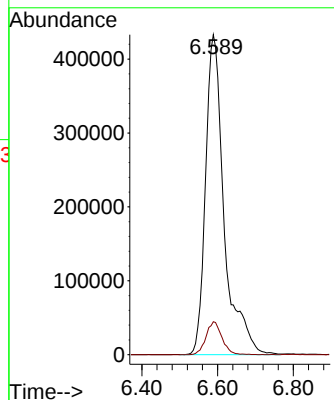
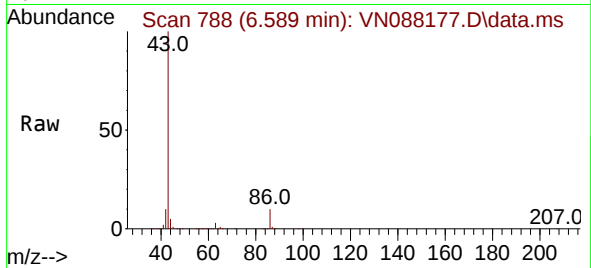




#23
 Vinyl Acetate
 Concen: 104.820 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

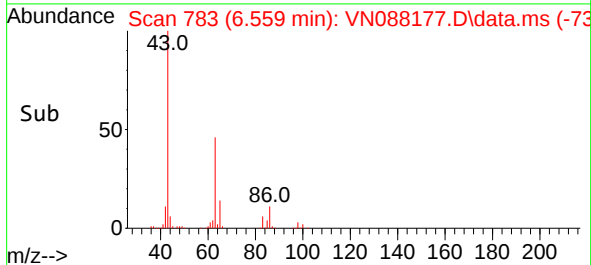
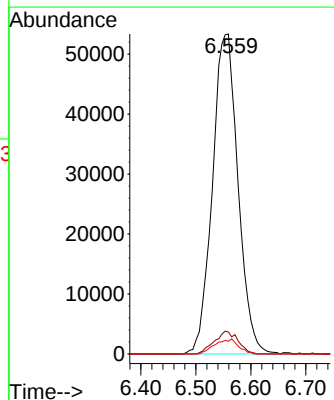
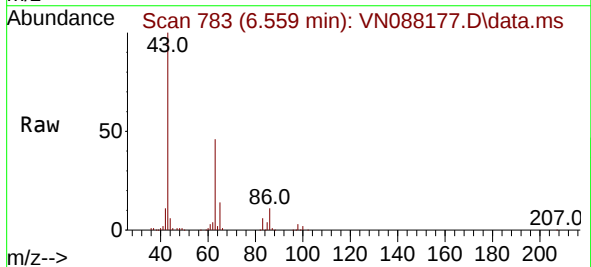
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBSD01

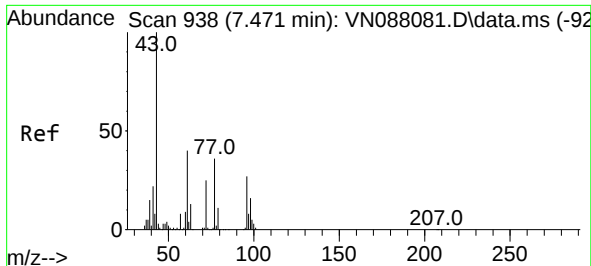
Tgt Ion: 43 Resp: 1474692
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.945 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

Tgt Ion: 63 Resp: 172558
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.0 2.0 6.0

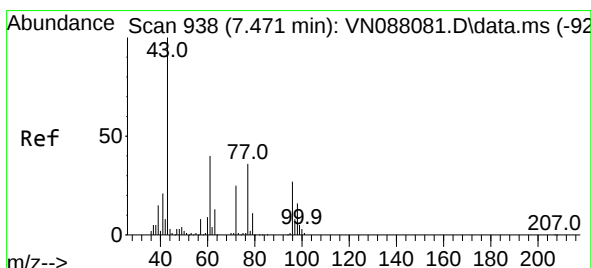
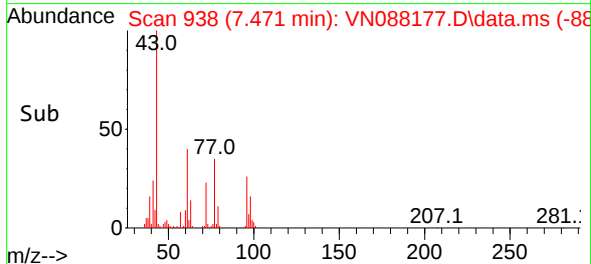
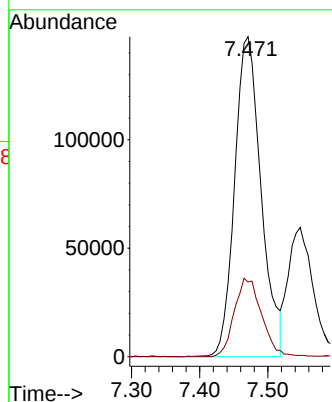
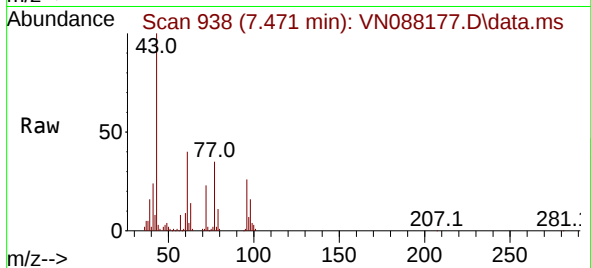




#25
2-Butanone
Concen: 103.189 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

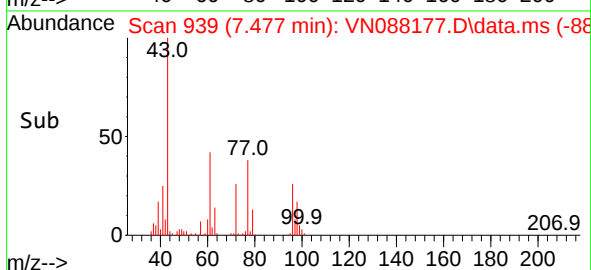
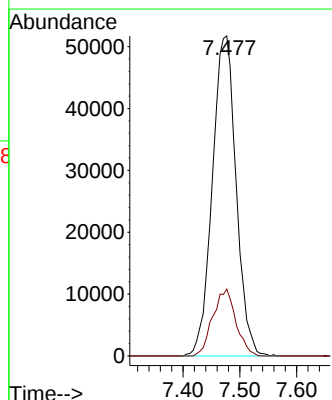
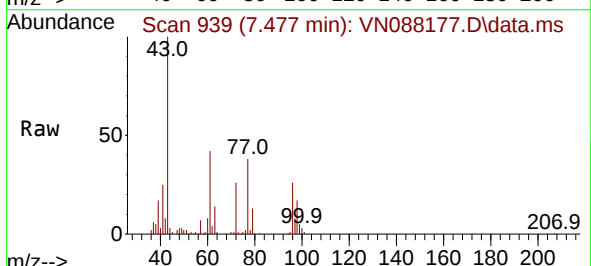
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

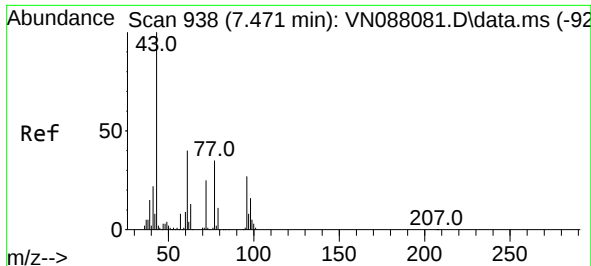
Tgt Ion: 43 Resp: 398242
Ion Ratio Lower Upper
43 100
72 23.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.124 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 77 Resp: 150359
Ion Ratio Lower Upper
77 100
97 20.3 10.9 32.7

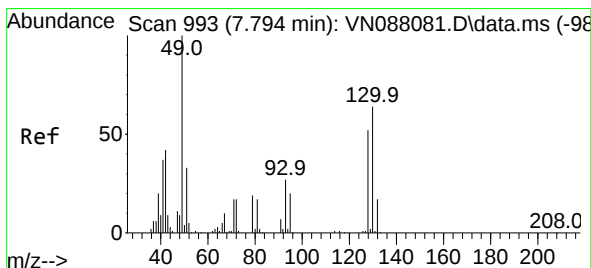
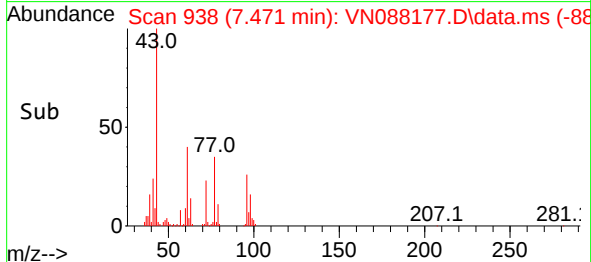
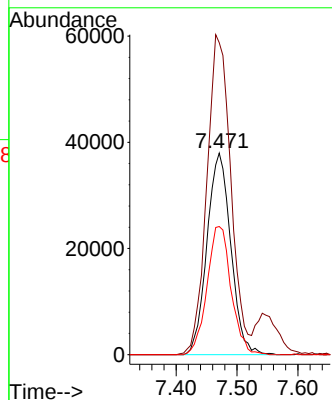
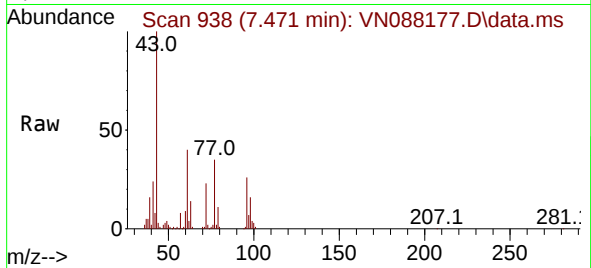




#27
 cis-1,2-Dichloroethene
 Concen: 19.289 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

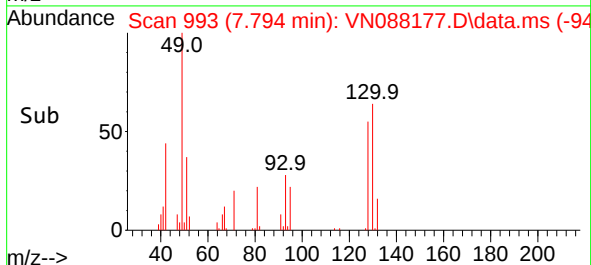
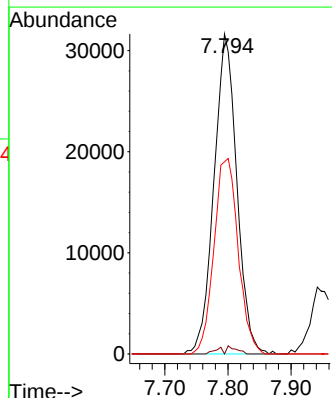
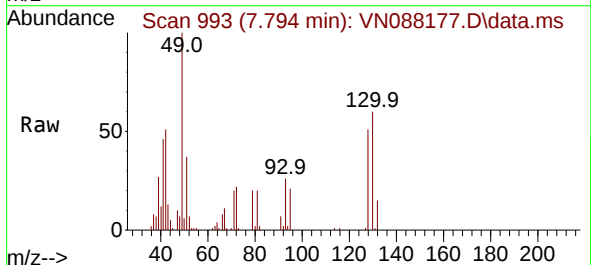
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBSD01

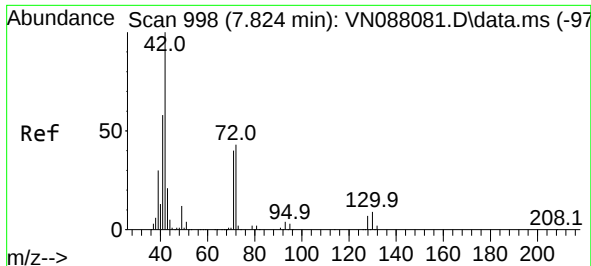
Tgt Ion: 96 Resp: 103273
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 301.8
 98 64.3 0.0 126.2



#28
 Bromochloromethane
 Concen: 19.460 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

Tgt Ion: 49 Resp: 79550
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 64.7 53.1 79.7

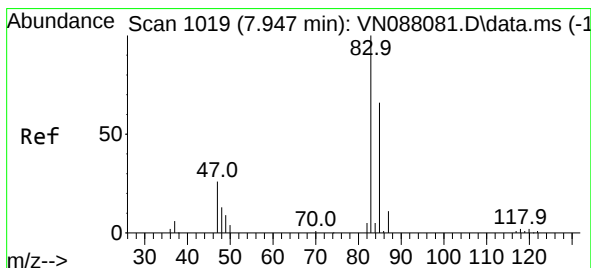
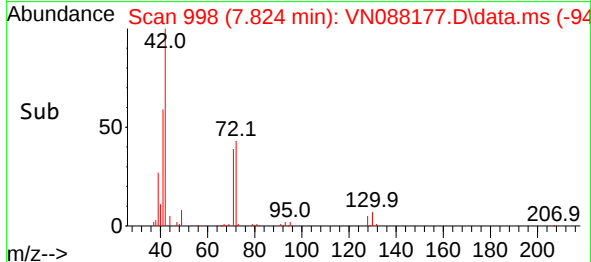
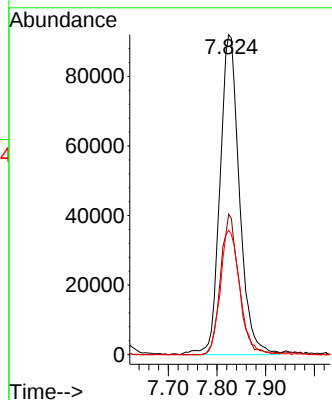
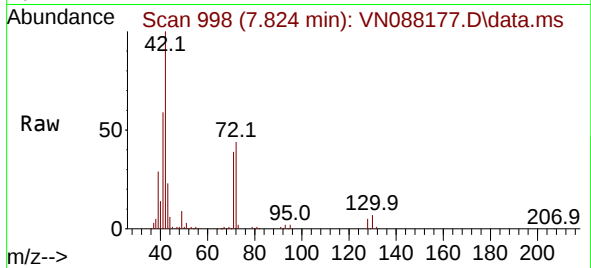




#29
Tetrahydrofuran
Concen: 101.826 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

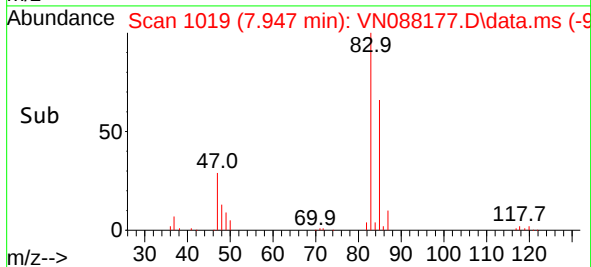
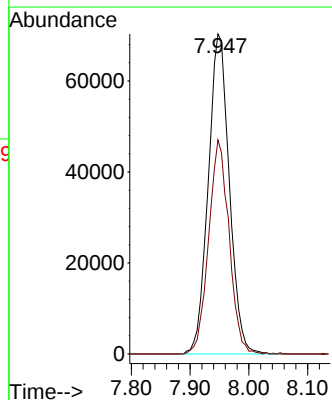
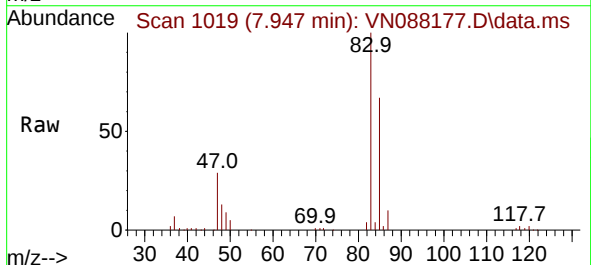
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

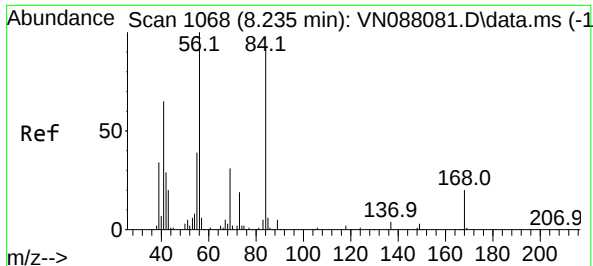
Tgt Ion: 42 Resp: 256109
Ion Ratio Lower Upper
42 100
72 41.5 33.7 50.5
71 39.0 31.9 47.9



#30
Chloroform
Concen: 20.290 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 83 Resp: 175364
Ion Ratio Lower Upper
83 100
85 66.8 50.7 76.1

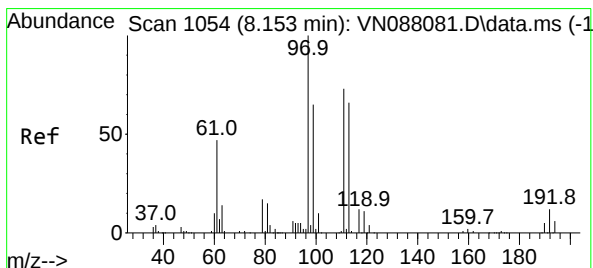
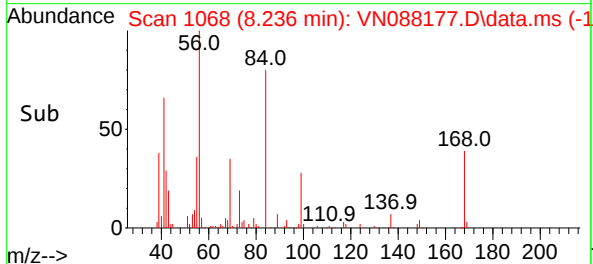
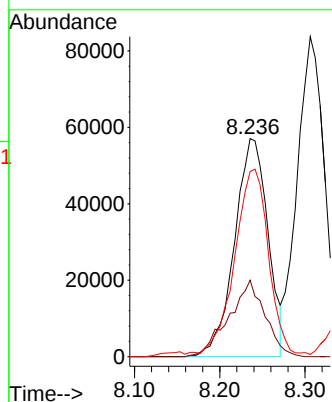
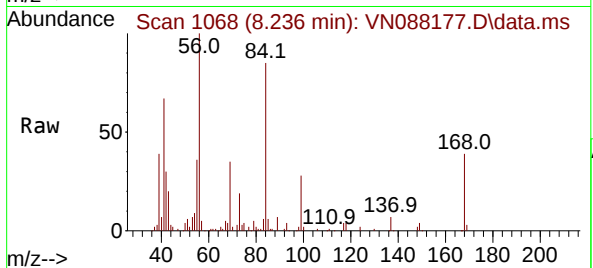




#31
Cyclohexane
Concen: 19.043 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

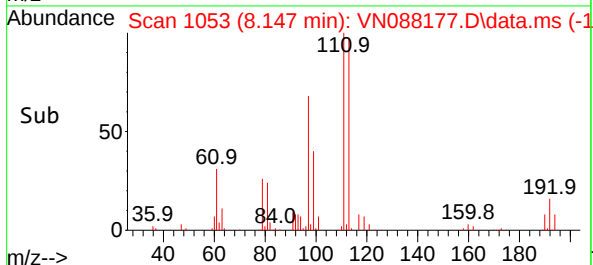
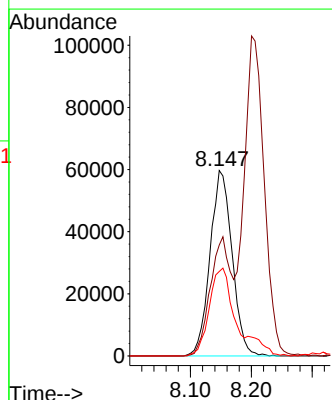
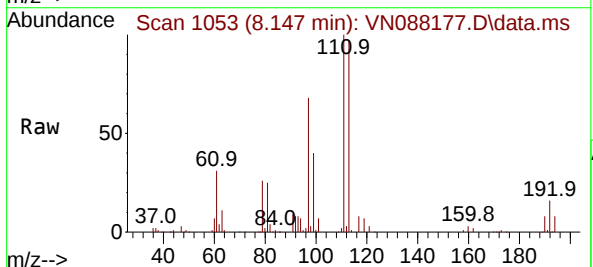
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

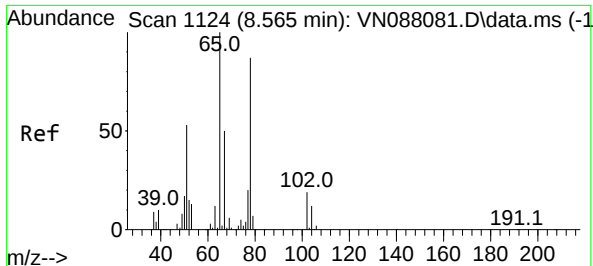
Tgt Ion: 56 Resp: 155389
Ion Ratio Lower Upper
56 100
69 35.1 23.7 35.5
84 82.6 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.535 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 97 Resp: 150382
Ion Ratio Lower Upper
97 100
99 60.2 52.2 78.2
61 57.9 41.2 61.8

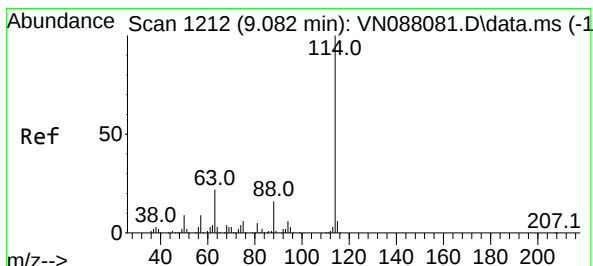
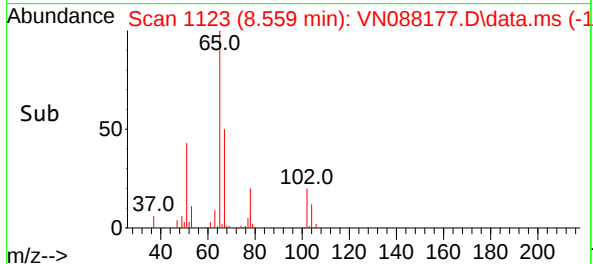
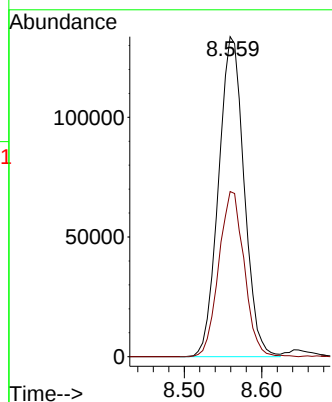
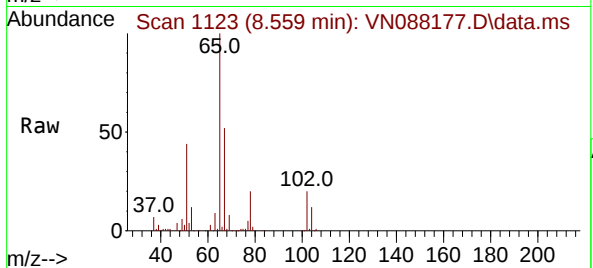




#33
 1,2-Dichloroethane-d4
 Concen: 52.596 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

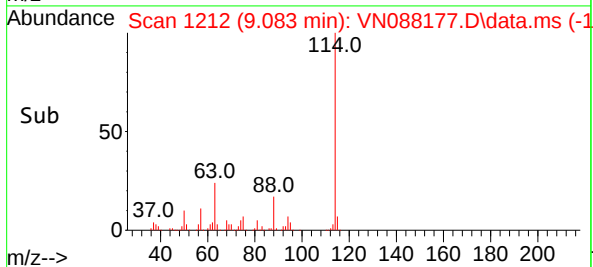
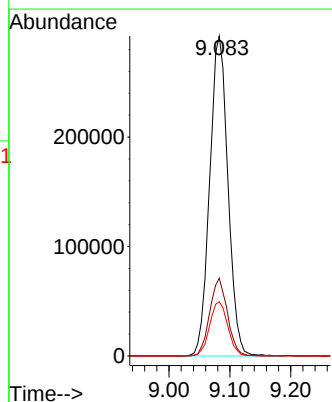
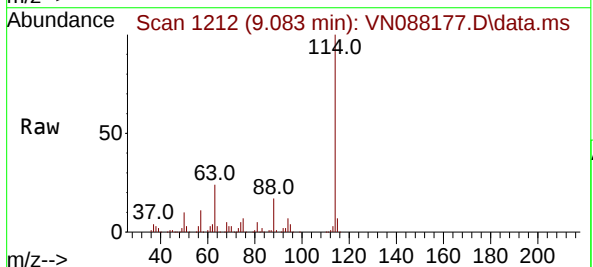
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBSD01

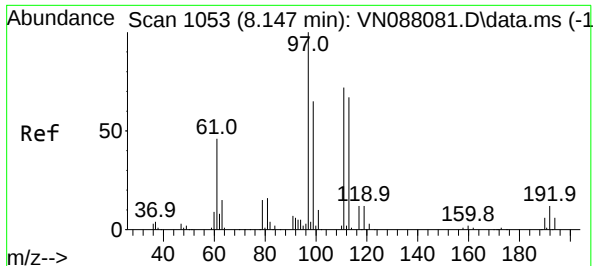
Tgt Ion: 65 Resp: 306596
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

Tgt Ion: 114 Resp: 608484
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 45.2
 88 16.9 0.0 33.4

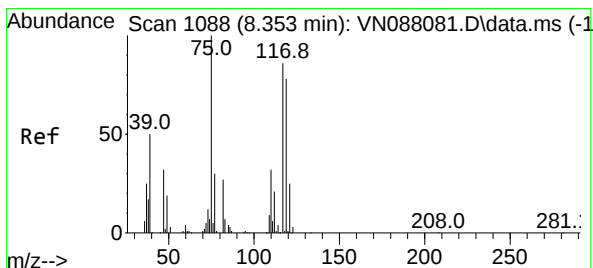
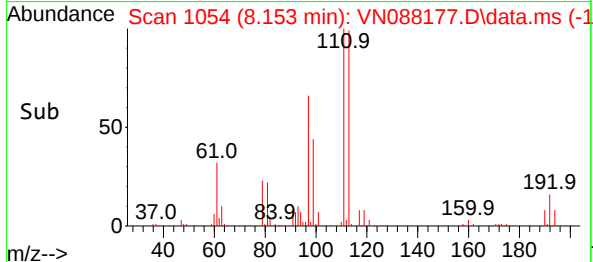
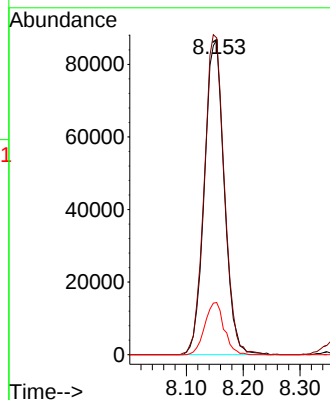
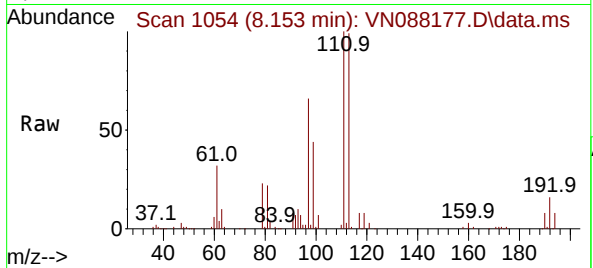




#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

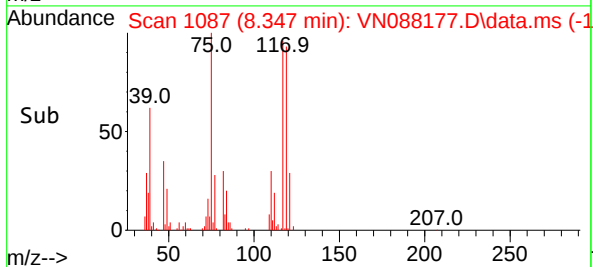
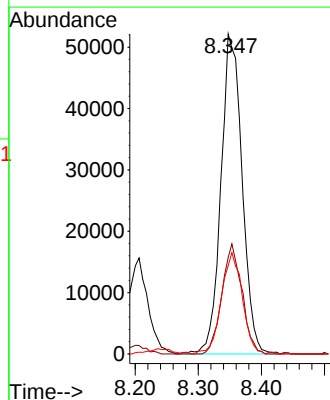
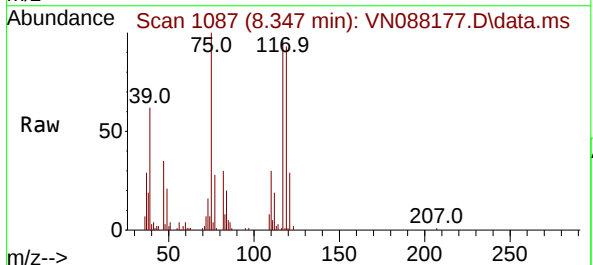
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

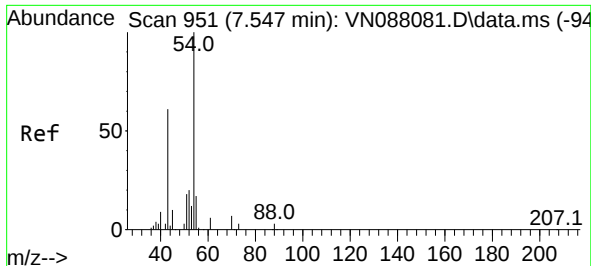
Tgt Ion:113 Resp: 209579
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 20.363 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 75 Resp: 121538
Ion Ratio Lower Upper
75 100
110 32.5 15.9 47.6
77 31.3 24.4 36.6

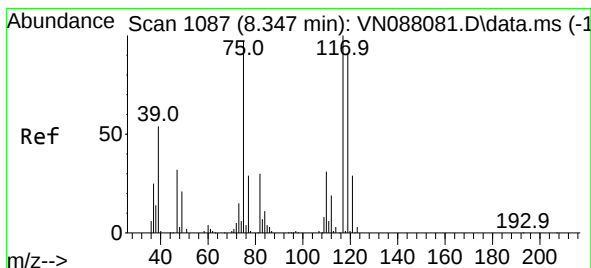
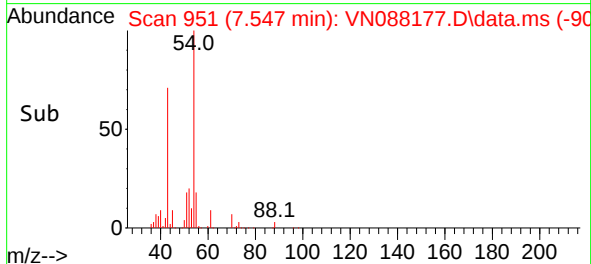
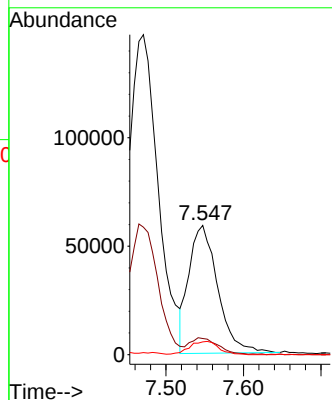
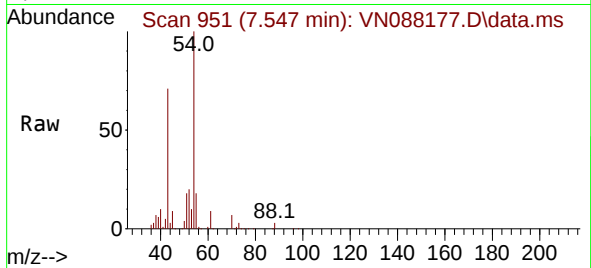




#37
Ethyl Acetate
Concen: 19.770 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

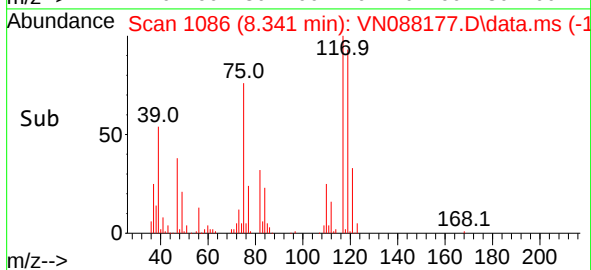
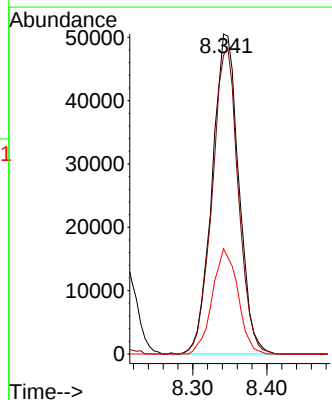
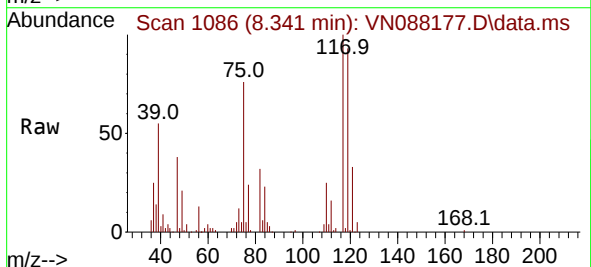
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

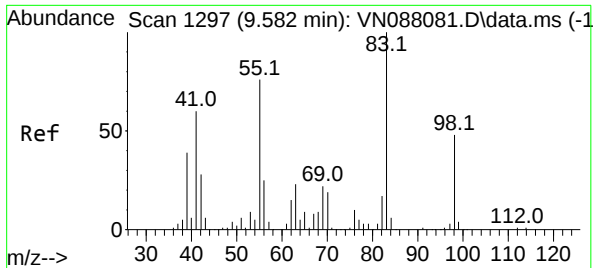
Tgt Ion: 43 Resp: 152280
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 10.5 7.0 10.6



#38
Carbon Tetrachloride
Concen: 20.442 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 117 Resp: 126017
Ion Ratio Lower Upper
117 100
119 93.4 79.0 118.6
121 32.9 25.0 37.6





#39

Methylcyclohexane

Concen: 18.121 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

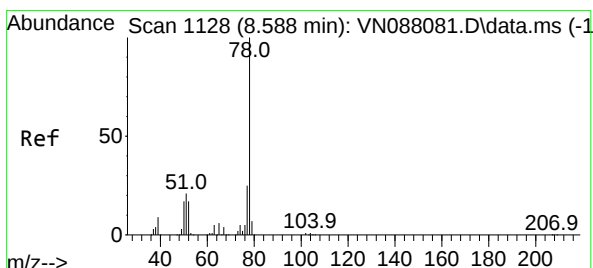
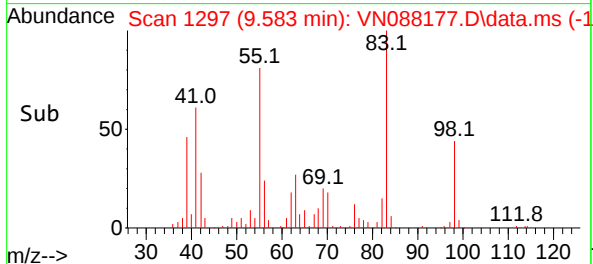
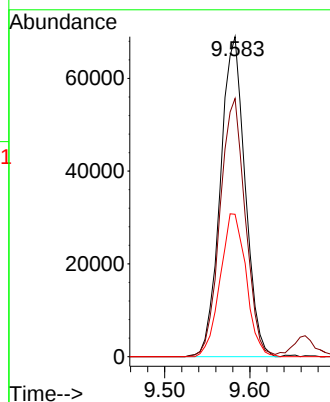
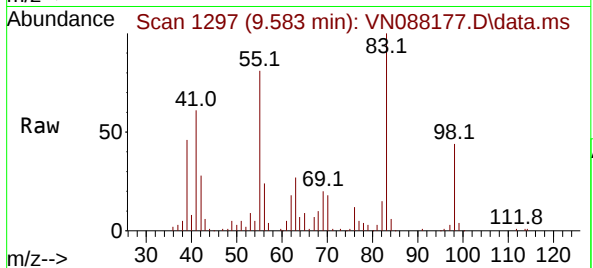
Tgt Ion: 83 Resp: 139022

Ion Ratio Lower Upper

83 100

55 80.7 64.6 96.8

98 44.5 38.4 57.6



#40

Benzene

Concen: 20.657 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088177.D

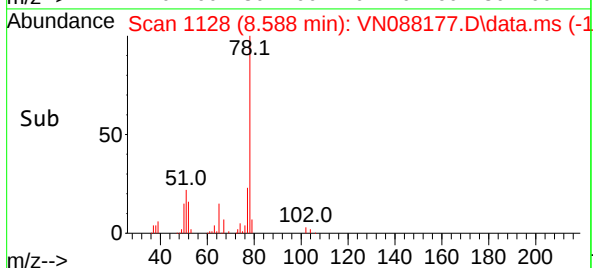
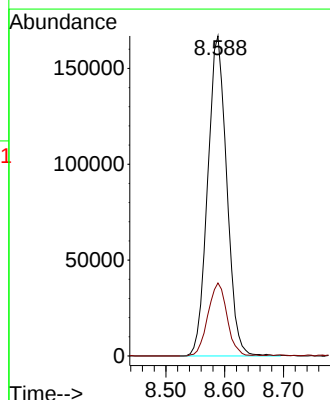
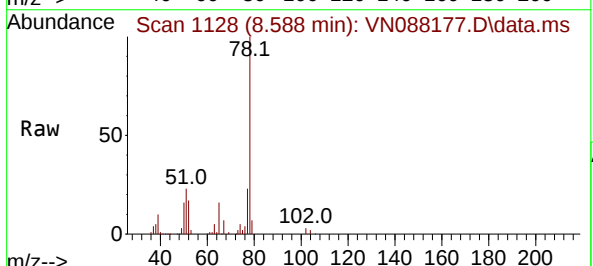
Acq: 31 Oct 2025 11:14

Tgt Ion: 78 Resp: 375489

Ion Ratio Lower Upper

78 100

77 22.8 19.7 29.5

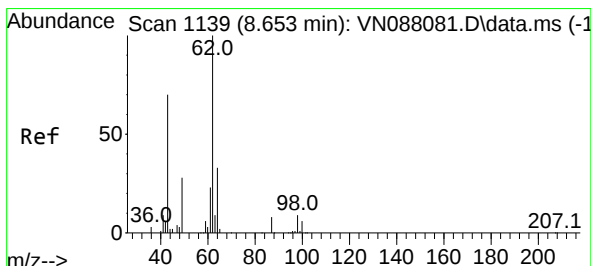
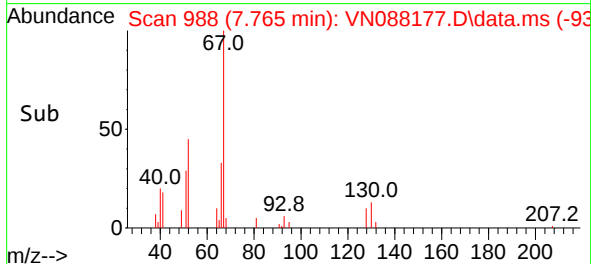
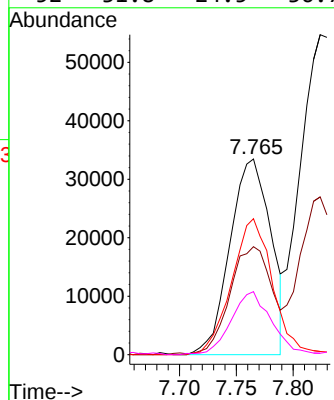
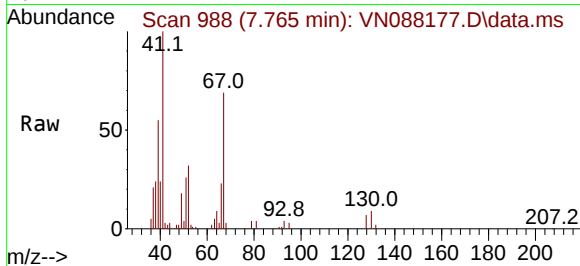




#41
Methacrylonitrile
Concen: 20.619 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

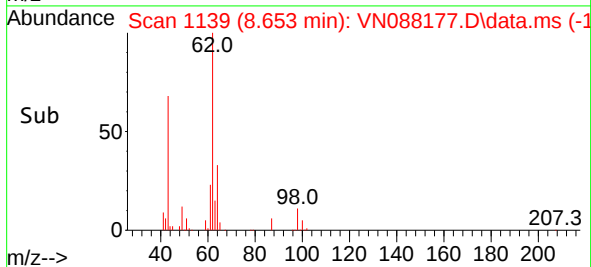
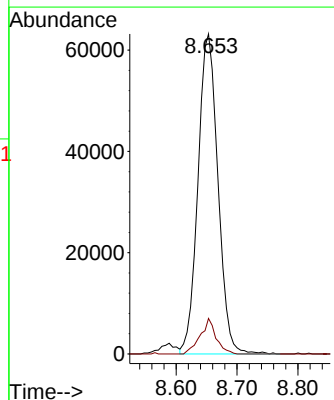
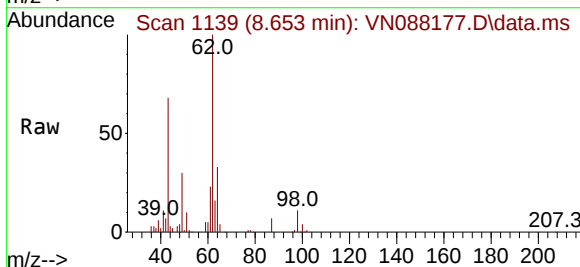
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

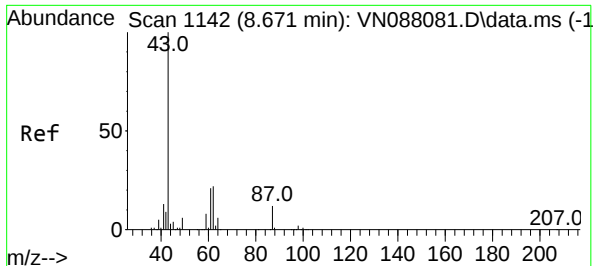
Tgt Ion:	41	Resp:	83587
Ion Ratio	Lower	Upper	
41	100		
39	56.6	45.4	68.0
67	70.1	55.3	82.9
52	31.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 22.315 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:	62	Resp:	144128
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.4

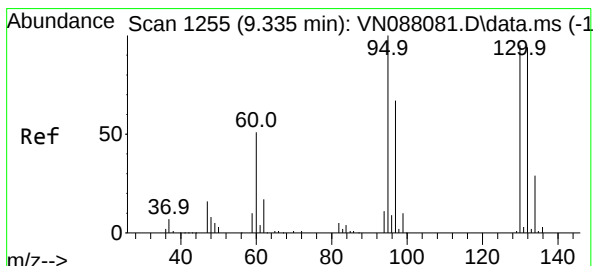
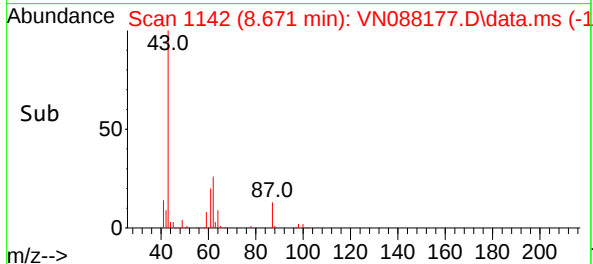
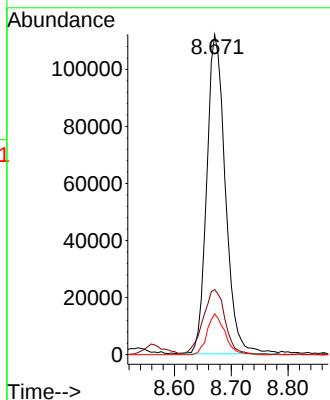
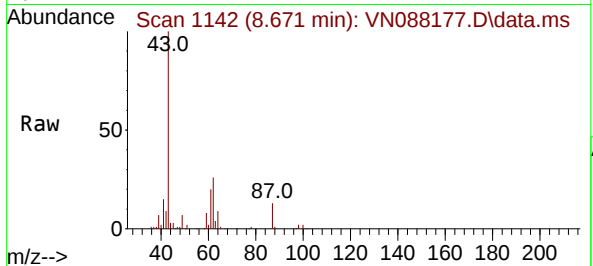




#43
Isopropyl Acetate
Concen: 21.449 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

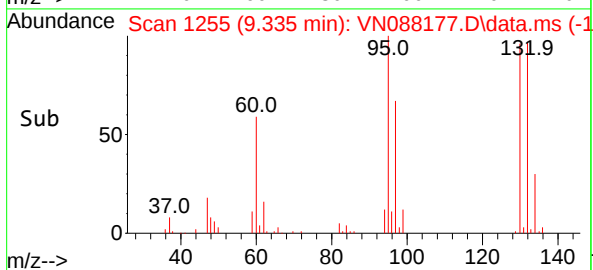
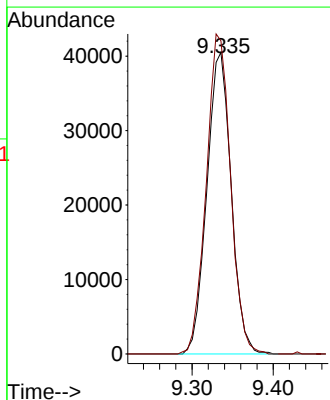
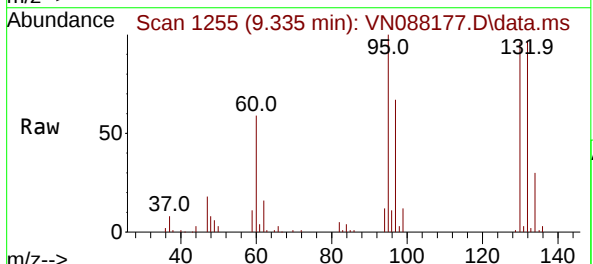
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

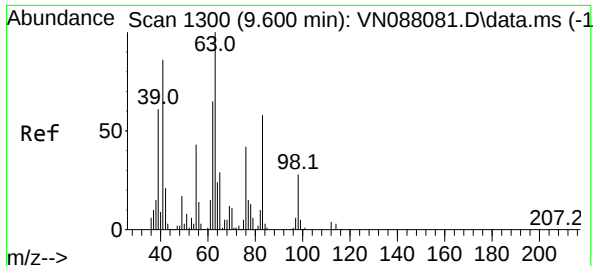
Tgt Ion: 43 Resp: 253867
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 19.829 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:130 Resp: 84247
Ion Ratio Lower Upper
130 100
95 103.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 20.692 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

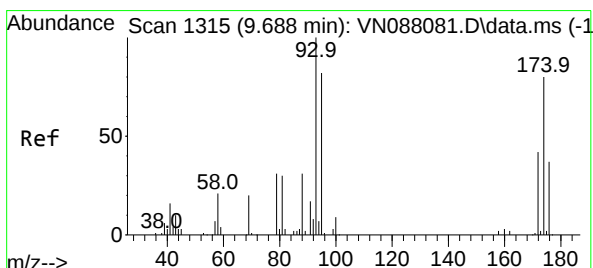
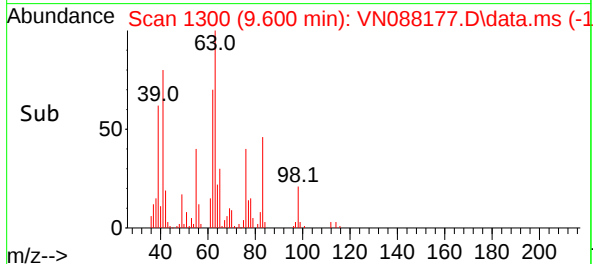
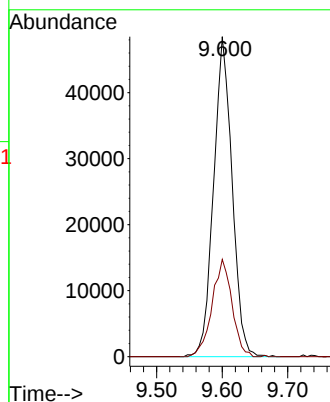
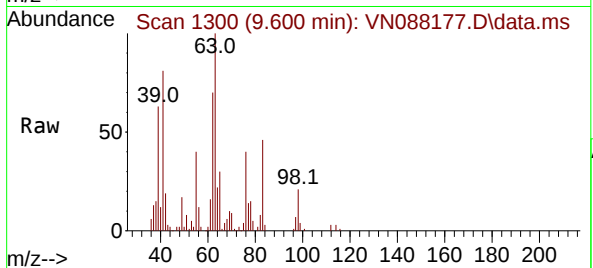
VN1031MBSD01

Tgt Ion: 63 Resp: 94956

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#46

Dibromomethane

Concen: 21.362 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

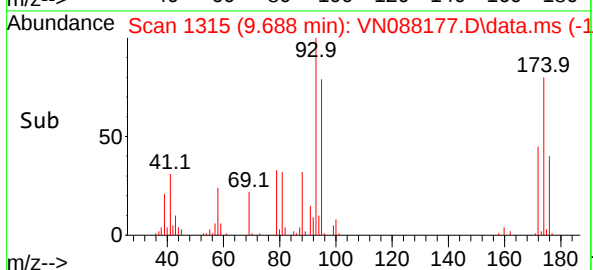
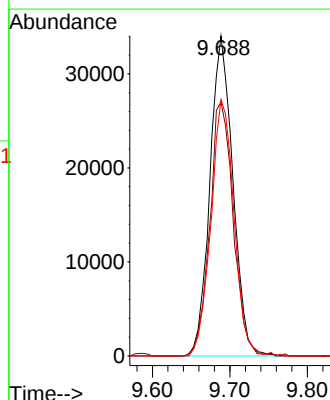
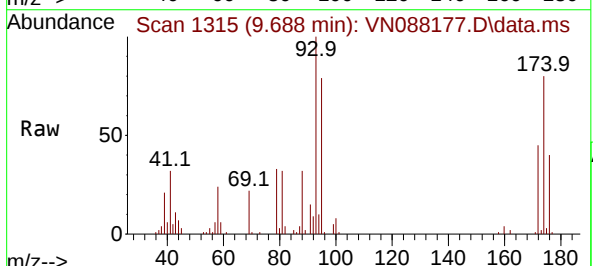
Tgt Ion: 93 Resp: 69918

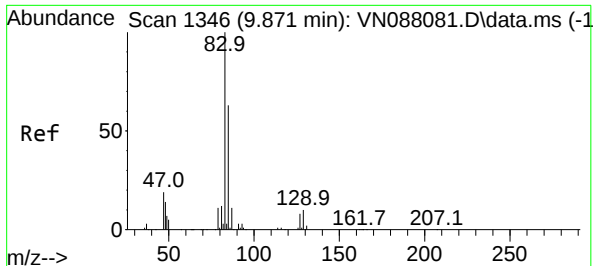
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 80.4 63.4 95.2





#47

Bromodichloromethane

Concen: 21.028 ug/l

RT: 9.871 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

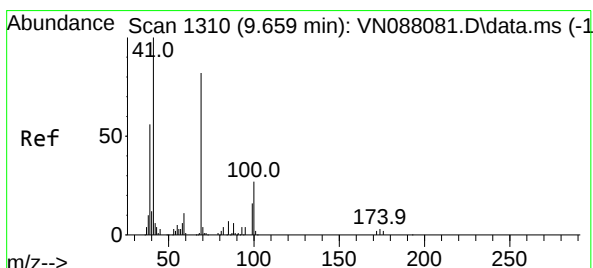
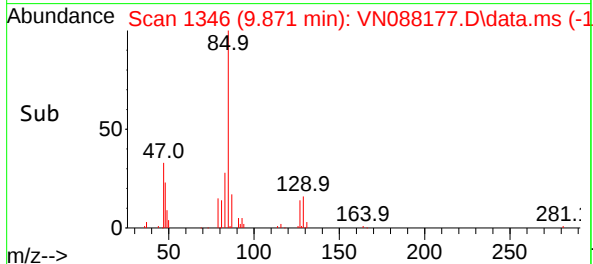
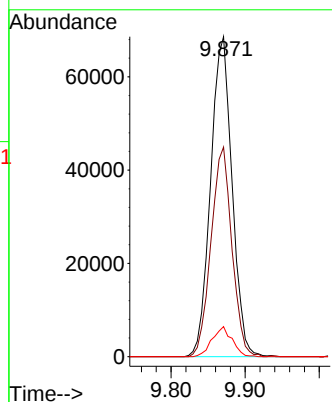
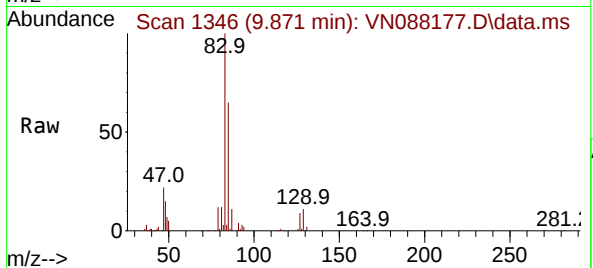
Tgt Ion: 83 Resp: 137790

Ion Ratio Lower Upper

83 100

85 65.5 52.5 78.7

127 9.4 5.8 8.6#



#48

Methyl methacrylate

Concen: 22.370 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

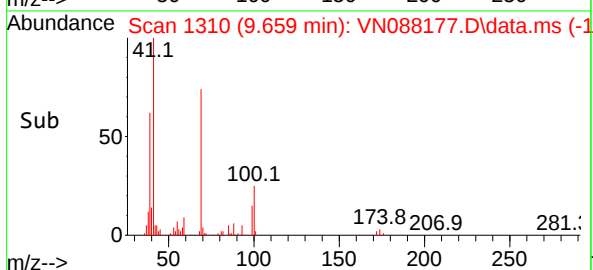
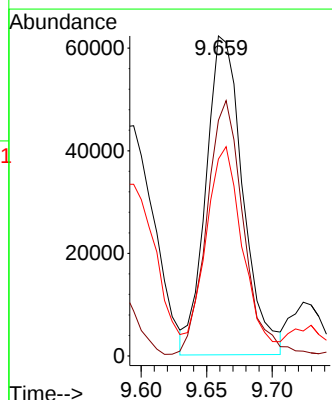
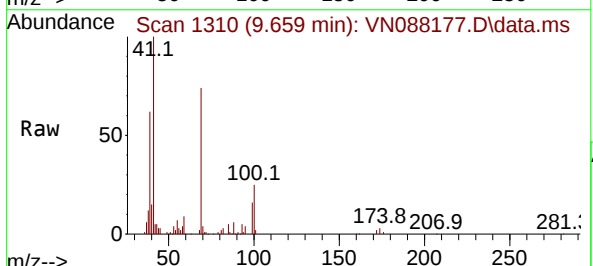
Tgt Ion: 41 Resp: 122238

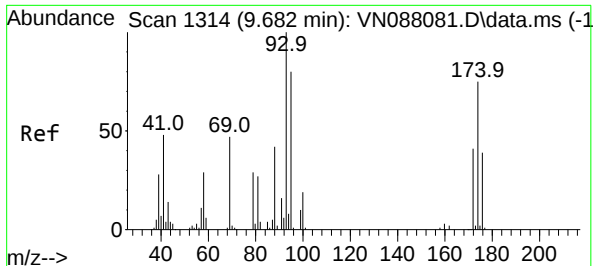
Ion Ratio Lower Upper

41 100

69 78.7 62.7 94.1

39 65.8 52.9 79.3





#49

1,4-Dioxane

Concen: 423.910 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

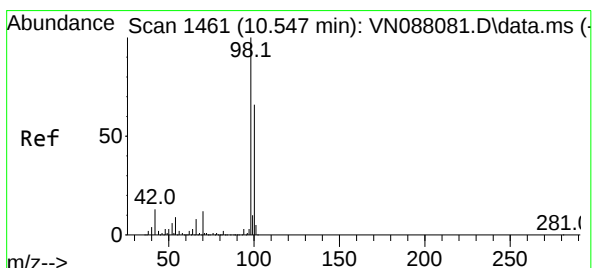
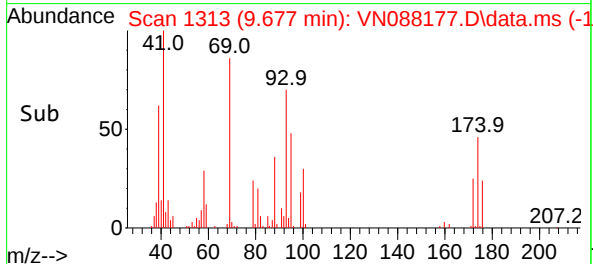
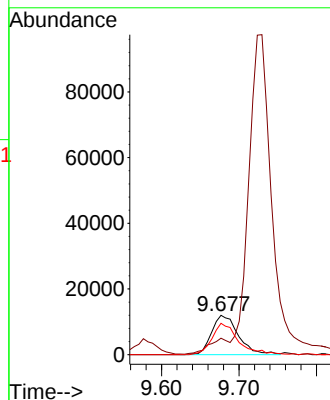
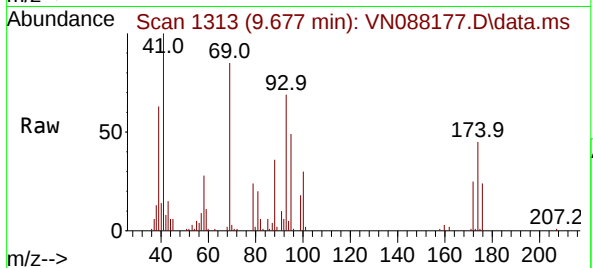
Tgt Ion: 88 Resp: 28810

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 78.7 57.9 86.9



#50

Toluene-d8

Concen: 50.180 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088177.D

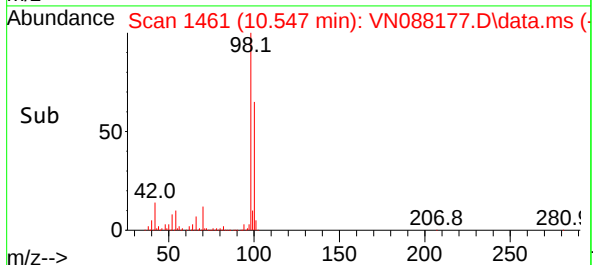
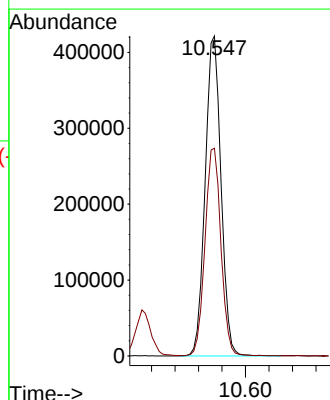
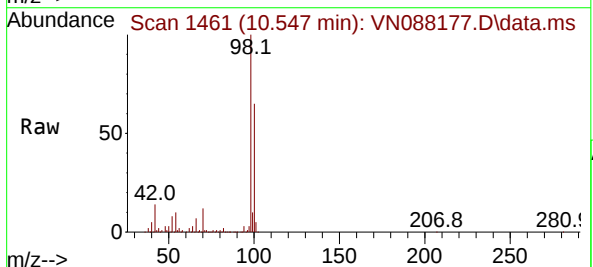
Acq: 31 Oct 2025 11:14

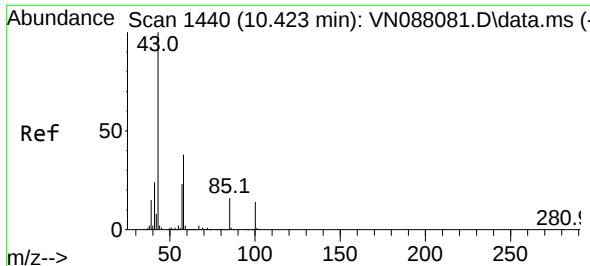
Tgt Ion: 98 Resp: 790392

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2

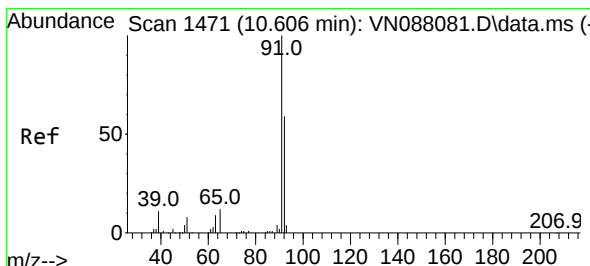
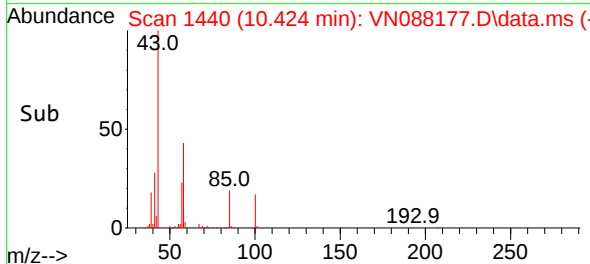
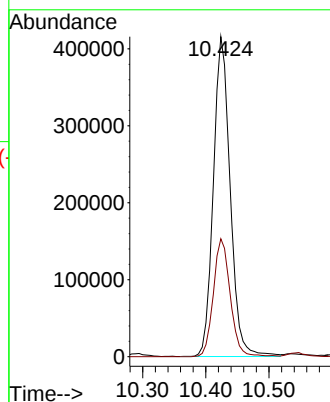
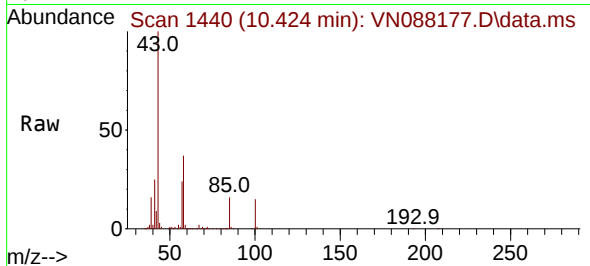




#51
4-Methyl-2-Pentanone
Concen: 110.058 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

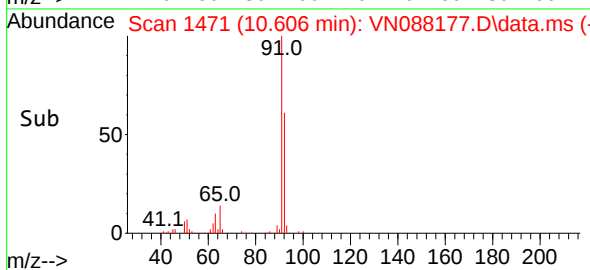
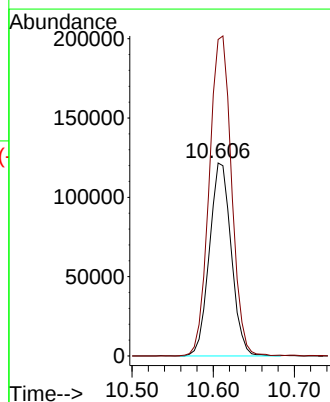
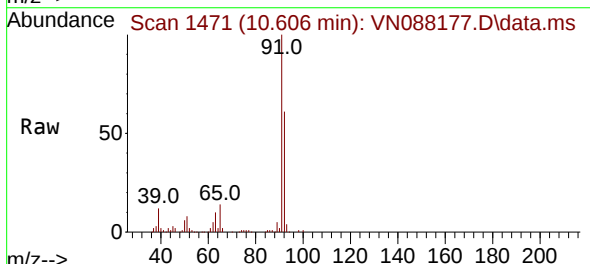
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

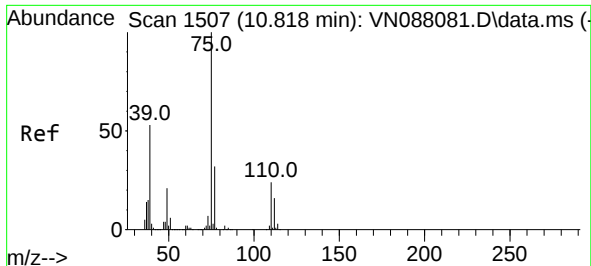
Tgt Ion: 43 Resp: 770613
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4



#52
Toluene
Concen: 20.250 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 92 Resp: 226951
Ion Ratio Lower Upper
92 100
91 169.7 140.4 210.6

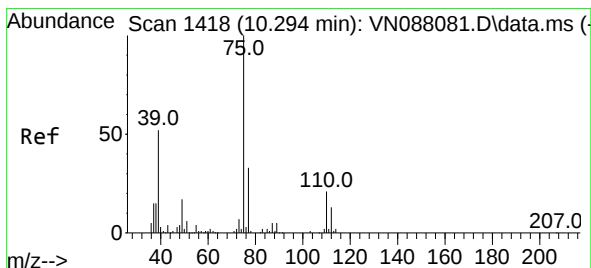
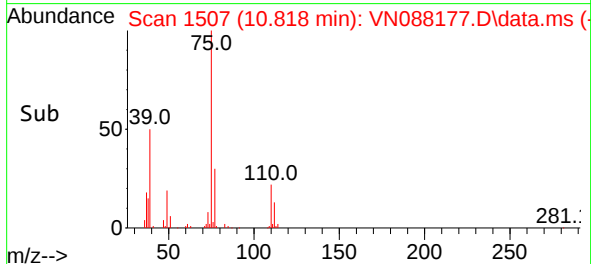
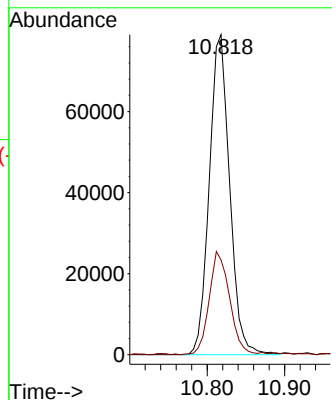
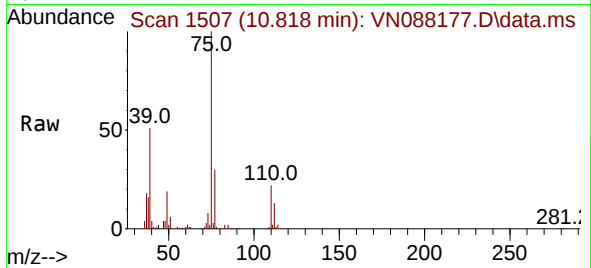




#53
t-1,3-Dichloropropene
Concen: 20.680 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

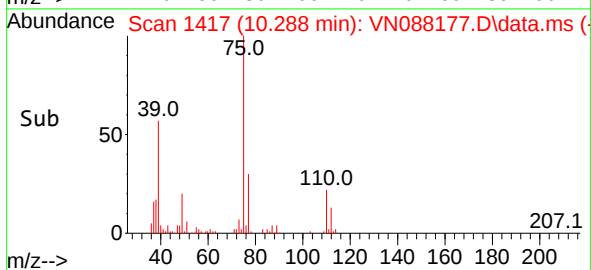
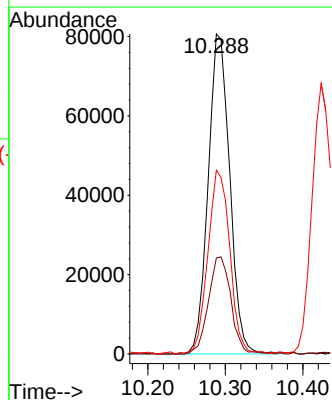
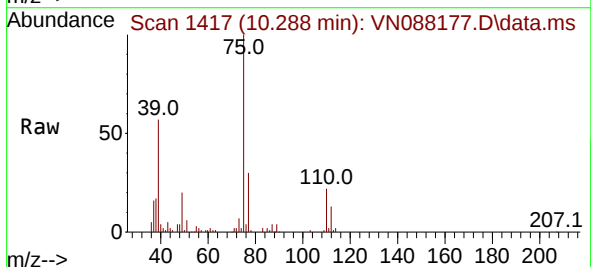
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

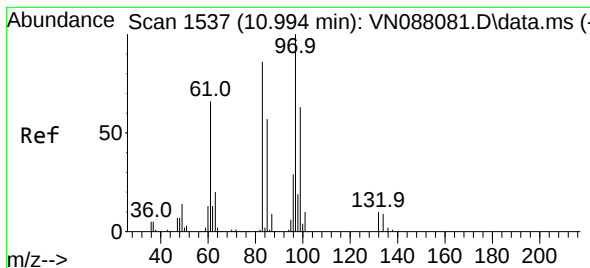
Tgt Ion: 75 Resp: 144226
Ion Ratio Lower Upper
75 100
77 29.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 21.069 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 75 Resp: 155927
Ion Ratio Lower Upper
75 100
77 30.0 24.6 37.0
39 57.0 45.2 67.8

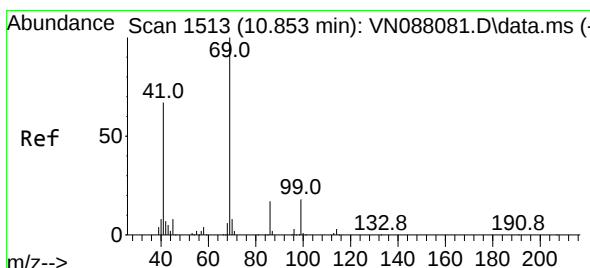
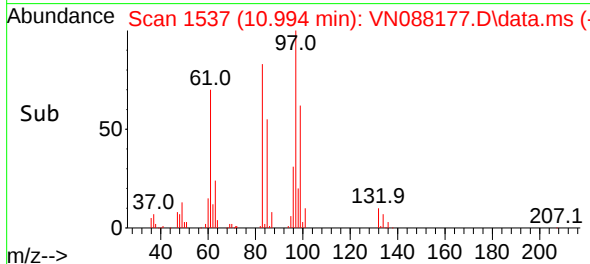
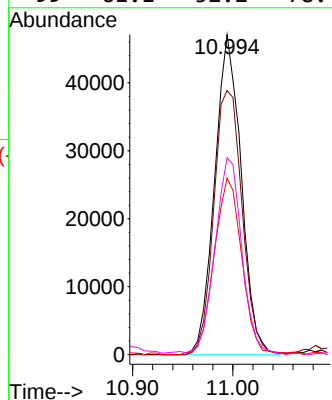
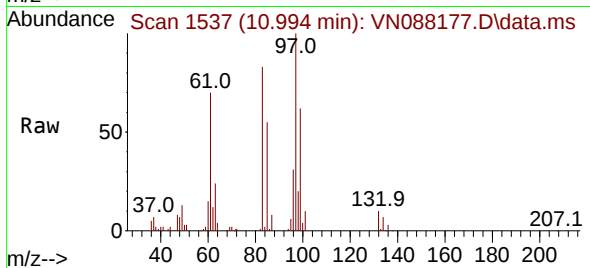




#55
 1,1,2-Trichloroethane
 Concen: 20.276 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

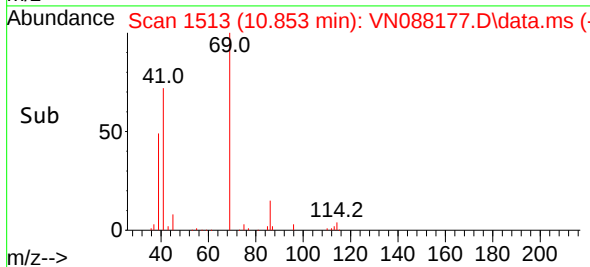
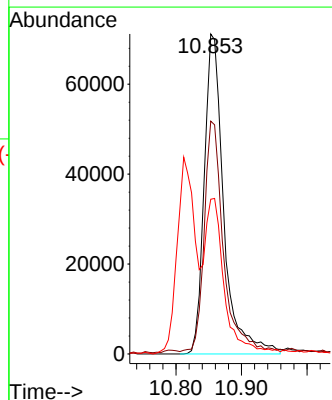
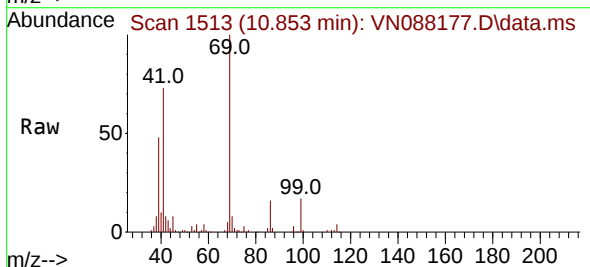
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBSD01

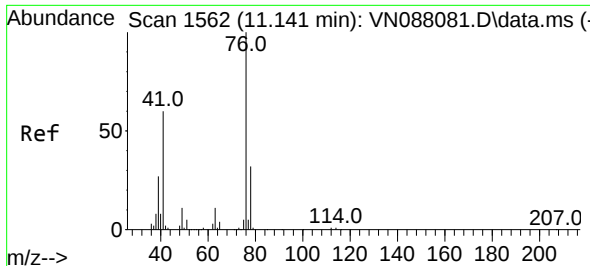
Tgt Ion:	97	Resp:	86210
Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.2	102.4
85	55.2	45.5	68.3
99	61.1	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 21.947 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

Tgt Ion:	69	Resp:	147675
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.5	84.7
39	47.7	34.2	51.4

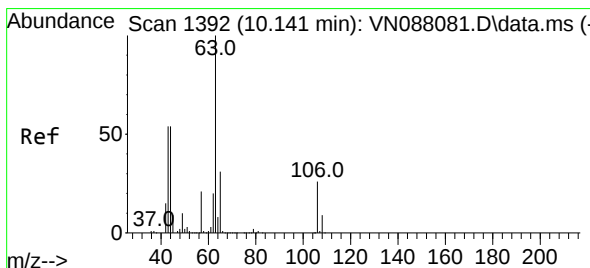
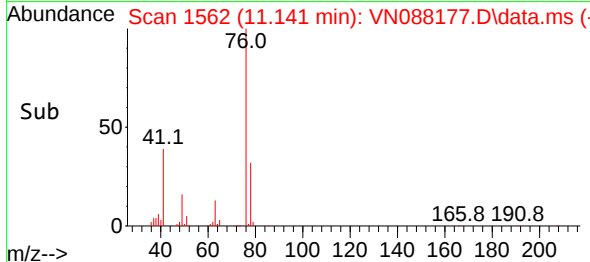
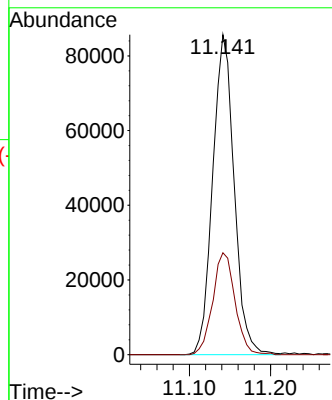
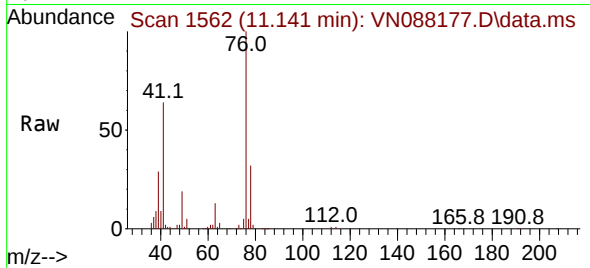




#57
1,3-Dichloropropane
Concen: 21.055 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

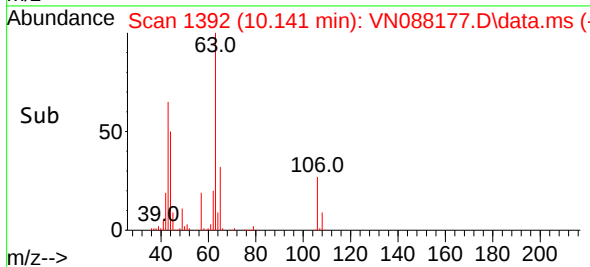
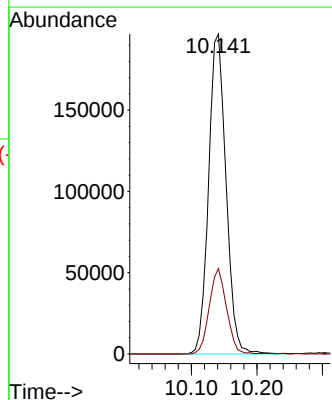
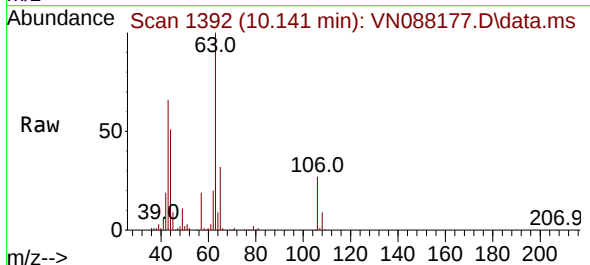
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

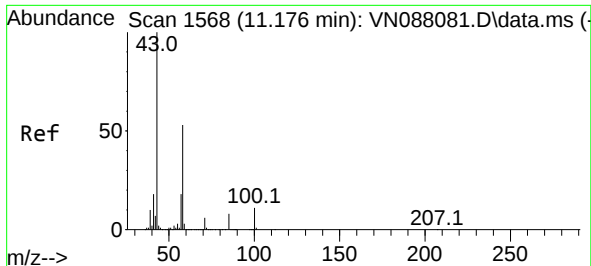
Tgt Ion: 76 Resp: 157352
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 103.755 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 63 Resp: 363135
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7

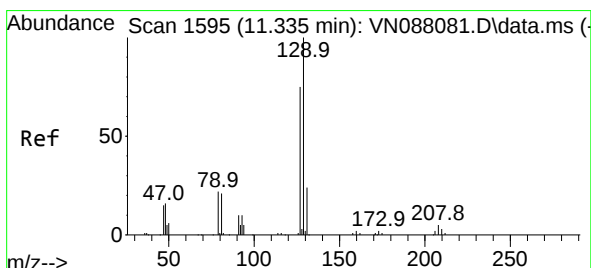
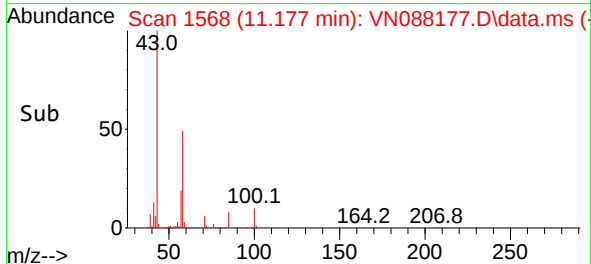
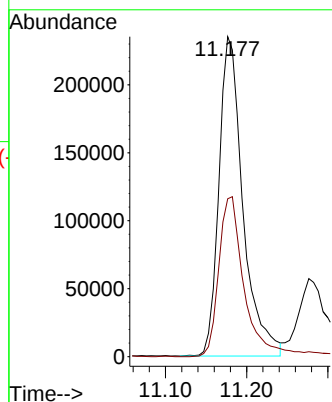
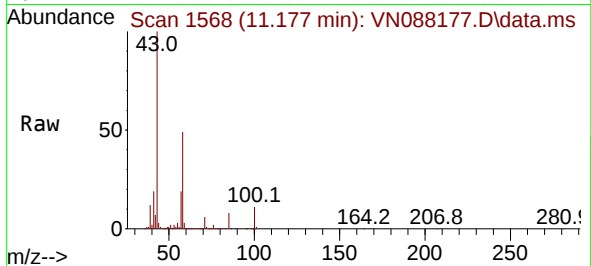




#59
2-Hexanone
Concen: 103.898 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

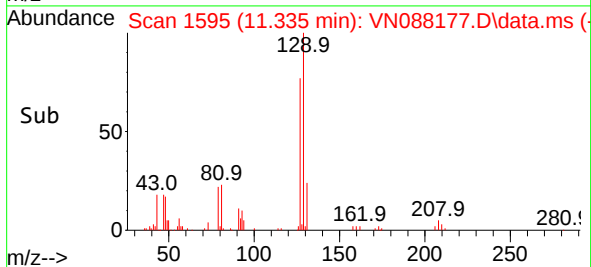
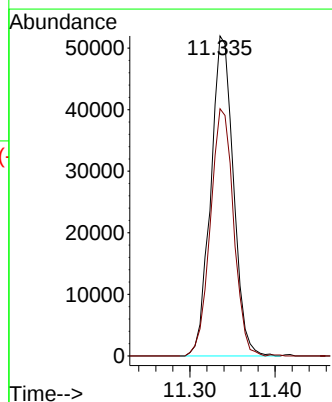
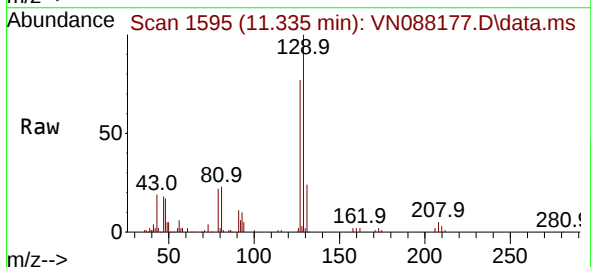
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

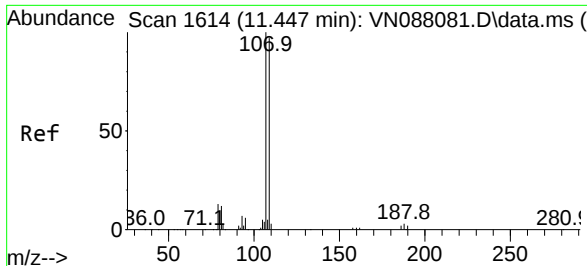
Tgt Ion: 43 Resp: 482594
Ion Ratio Lower Upper
43 100
58 54.6 25.9 77.8



#60
Dibromochloromethane
Concen: 19.892 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 129 Resp: 96135
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3

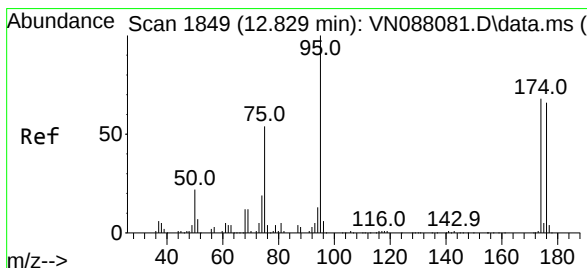
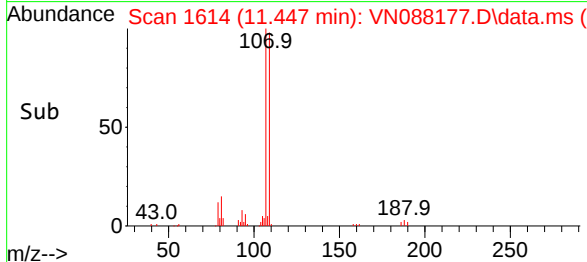
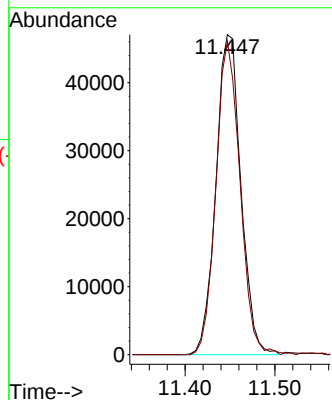
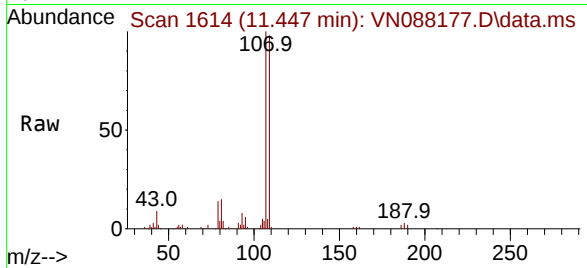




#61
1,2-Dibromoethane
Concen: 20.793 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

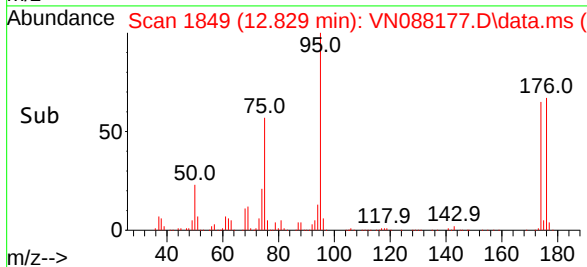
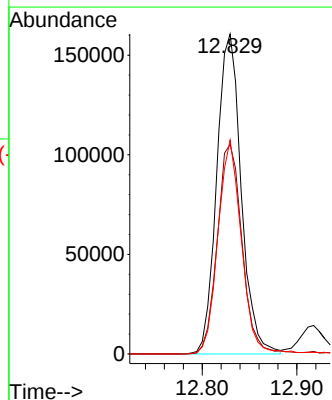
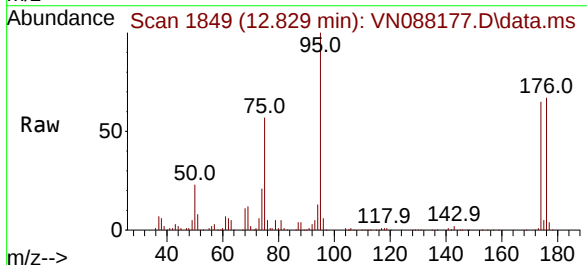
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

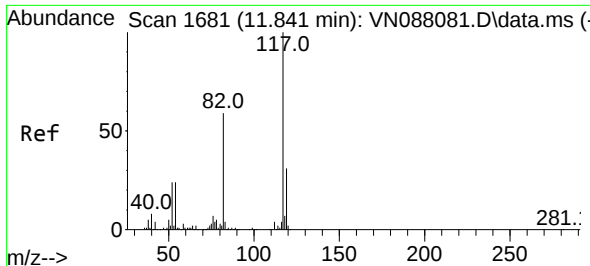
Tgt Ion:107 Resp: 90987
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 51.888 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 95 Resp: 288640
Ion Ratio Lower Upper
95 100
174 66.4 0.0 138.4
176 64.1 0.0 132.6

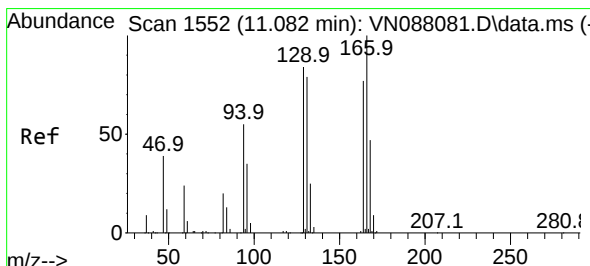
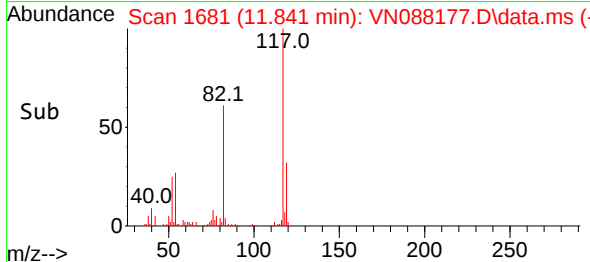
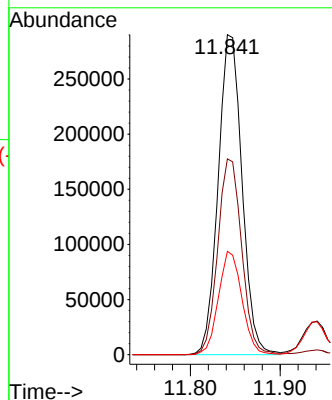
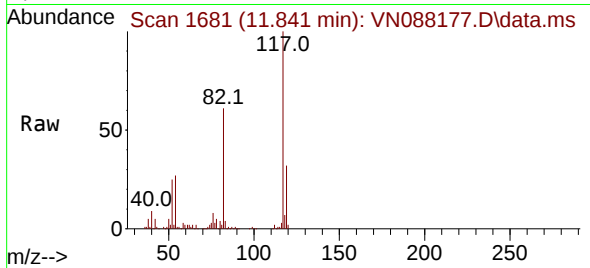




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

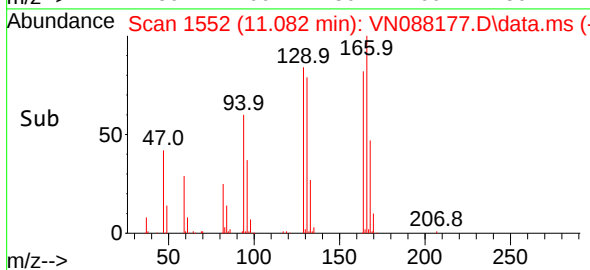
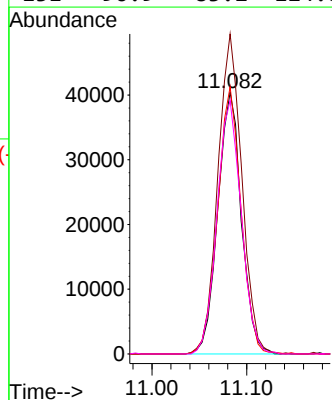
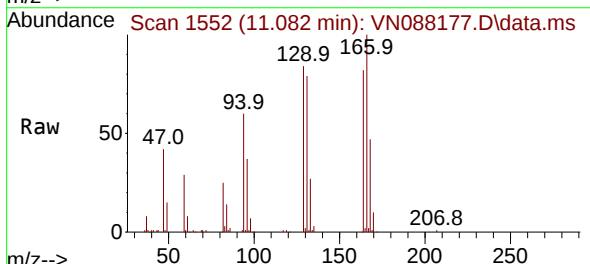
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

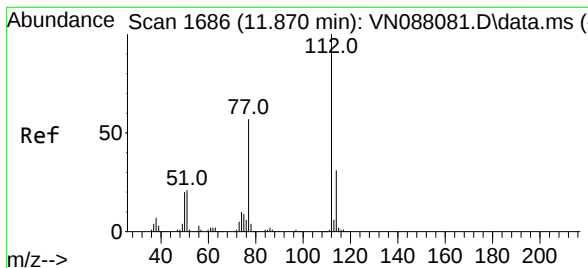
Tgt Ion:117 Resp: 536775
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.3 24.3 36.5



#64
Tetrachloroethene
Concen: 19.734 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:164 Resp: 69872
Ion Ratio Lower Upper
164 100
166 122.3 97.7 146.5
129 102.2 85.9 128.9
131 96.9 83.2 124.8

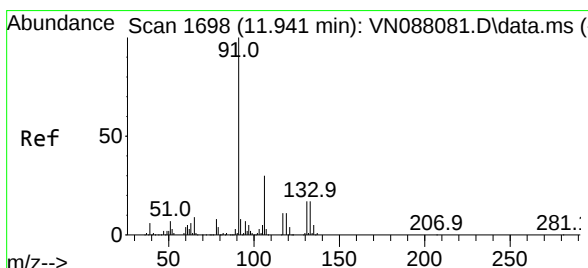
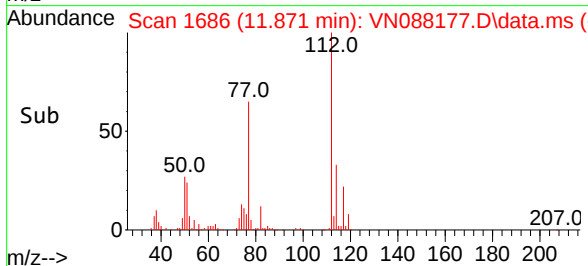
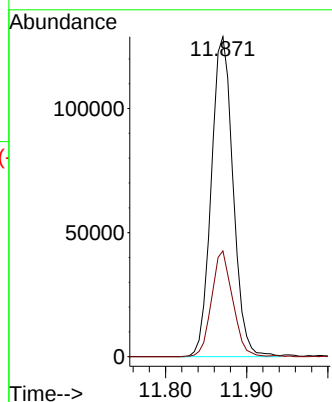
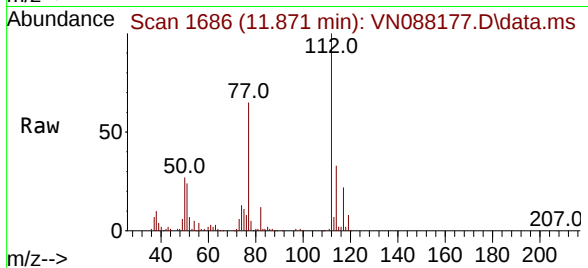




#65
Chlorobenzene
Concen: 19.737 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

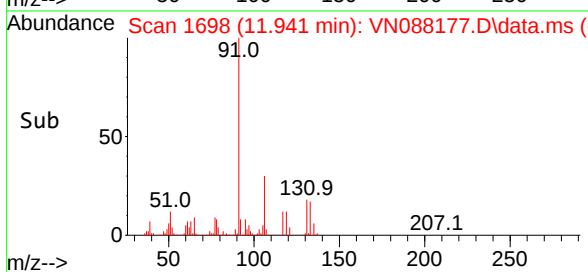
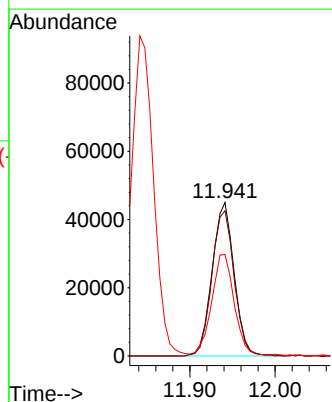
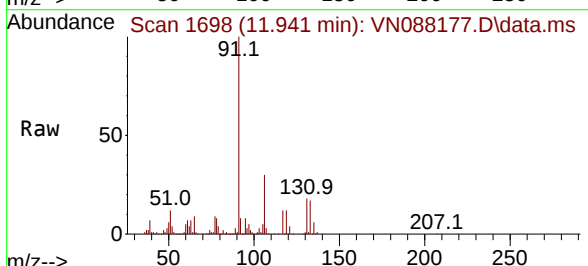
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

Tgt Ion:112 Resp: 240563
Ion Ratio Lower Upper
112 100
114 33.0 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.147 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:131 Resp: 80452
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 66.9 32.6 97.7

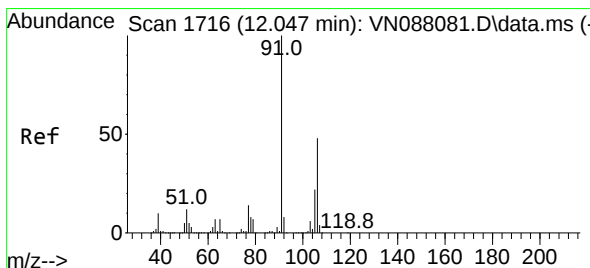
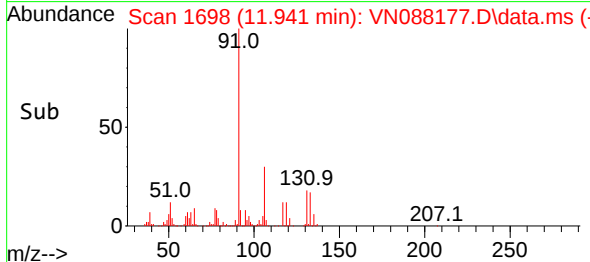
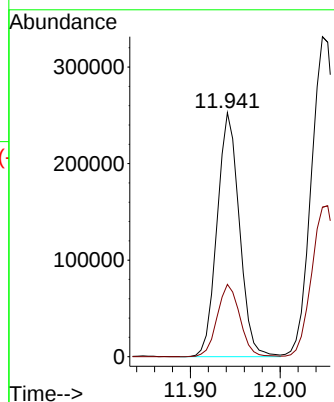
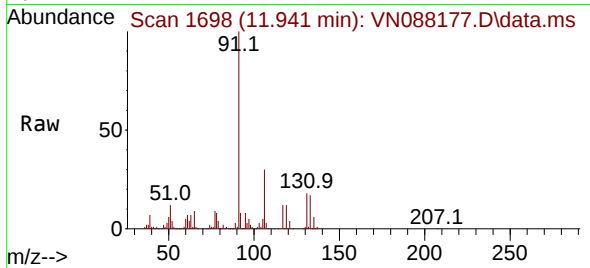




#67
Ethyl Benzene
Concen: 20.376 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

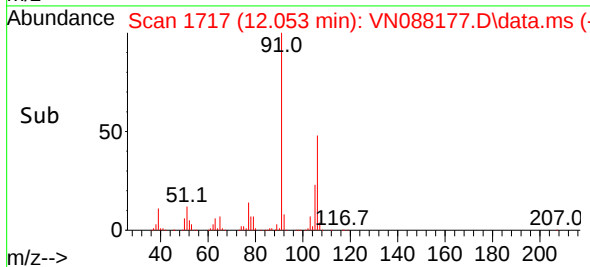
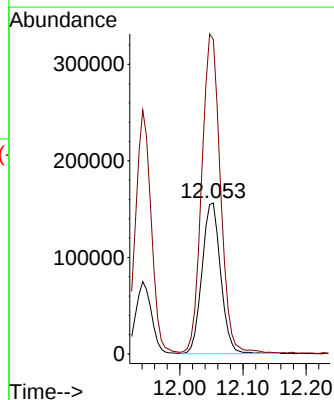
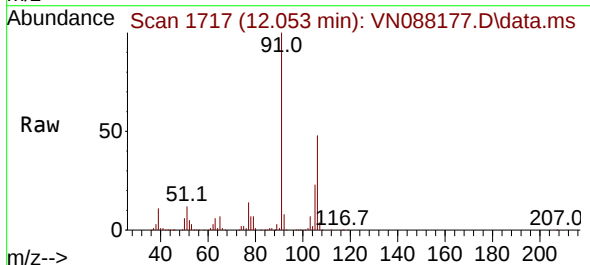
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

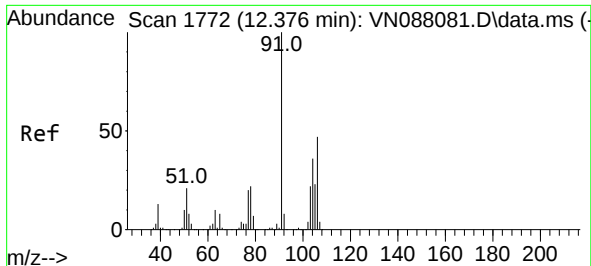
Tgt Ion: 91 Resp: 435941
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1



#68
m/p-Xylenes
Concen: 39.968 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:106 Resp: 320392
Ion Ratio Lower Upper
106 100
91 211.8 169.3 253.9

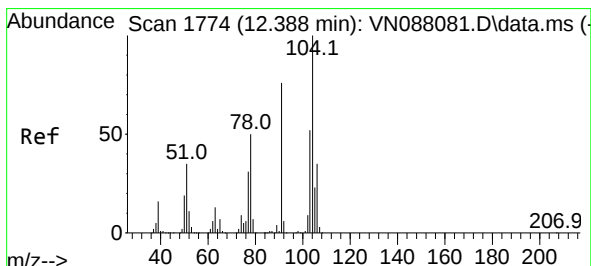
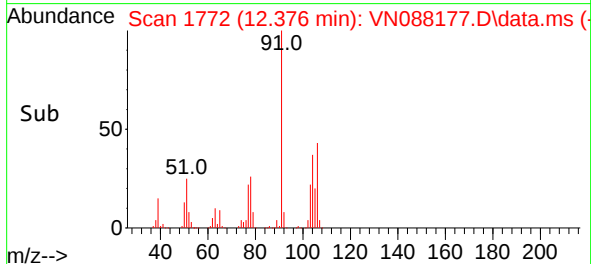
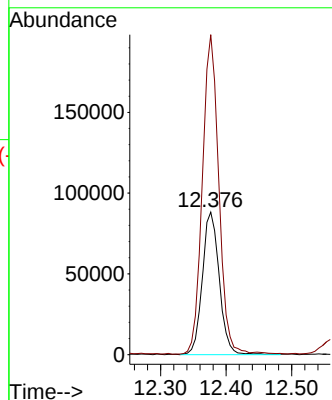
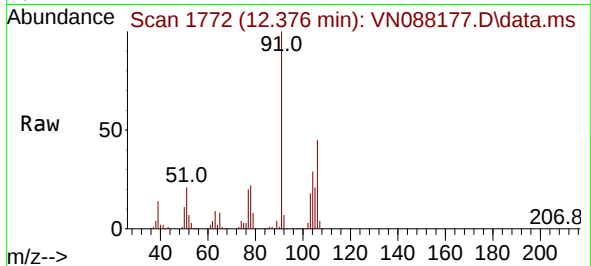




#69
o-Xylene
Concen: 20.892 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

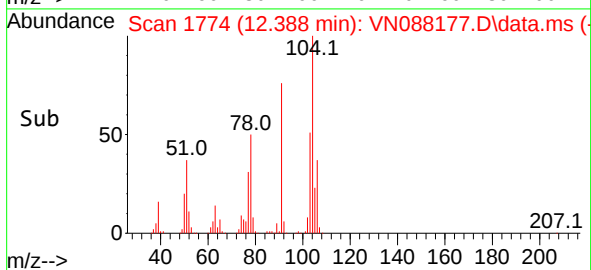
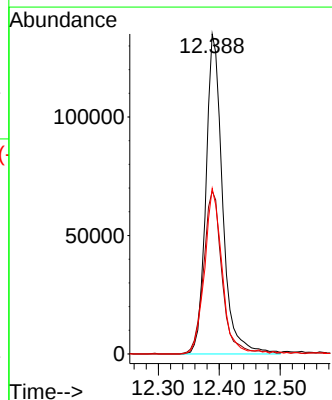
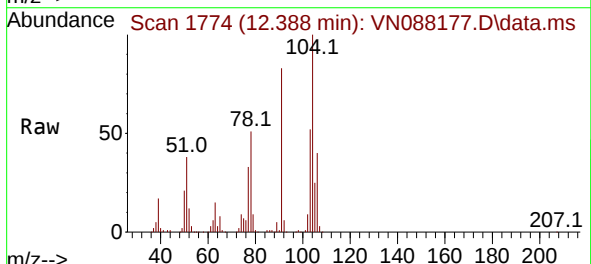
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

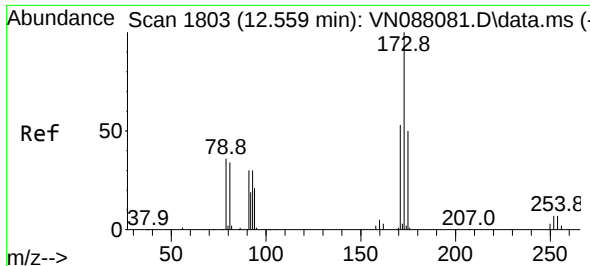
Tgt Ion:106 Resp: 158756
Ion Ratio Lower Upper
106 100
91 216.6 111.4 334.2



#70
Styrene
Concen: 20.769 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:104 Resp: 257361
Ion Ratio Lower Upper
104 100
78 56.5 42.2 63.2
103 54.6 43.4 65.2

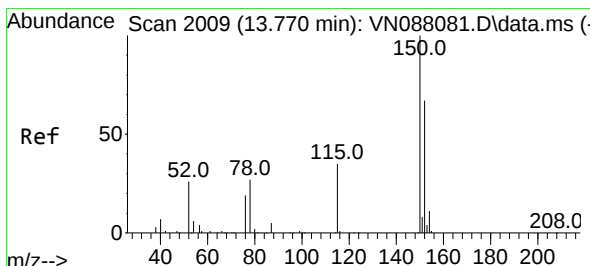
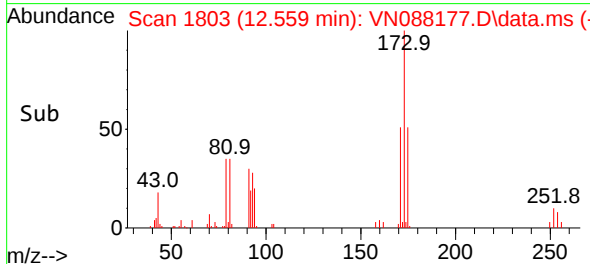
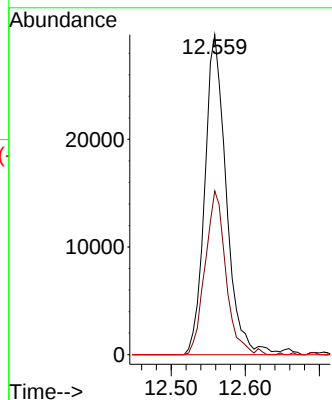
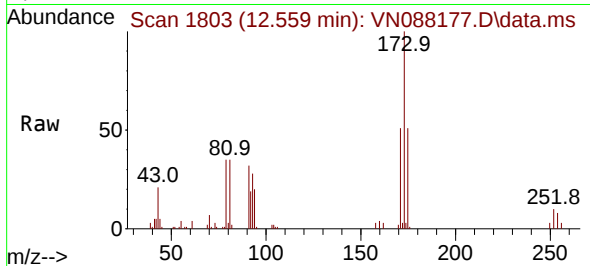




#71
Bromoform
Concen: 20.105 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

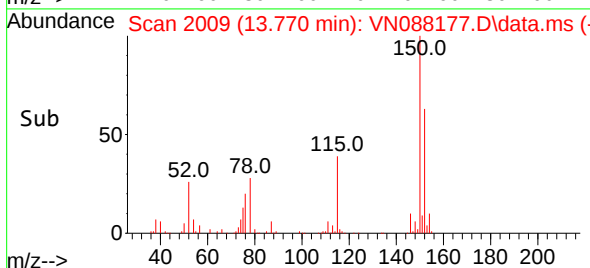
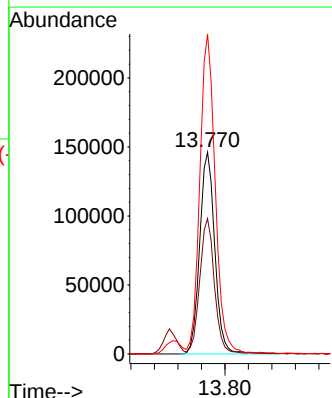
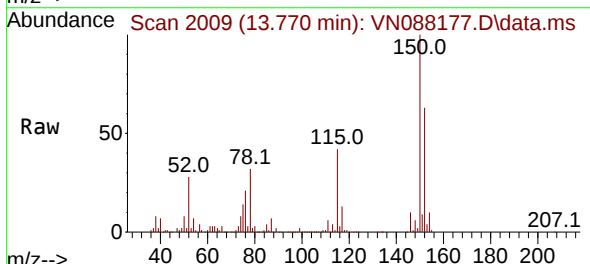
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

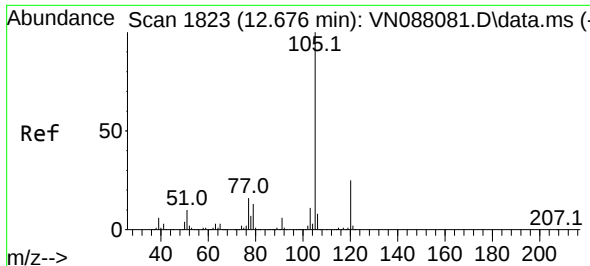
Tgt Ion:173 Resp: 59912
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:152 Resp: 261410
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 161.0 0.0 351.0

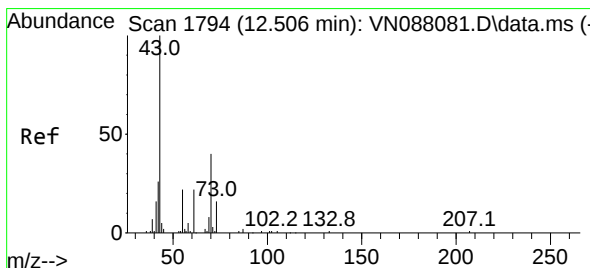
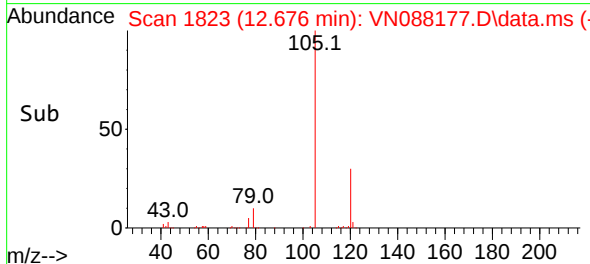
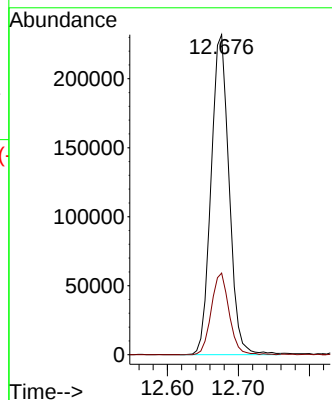
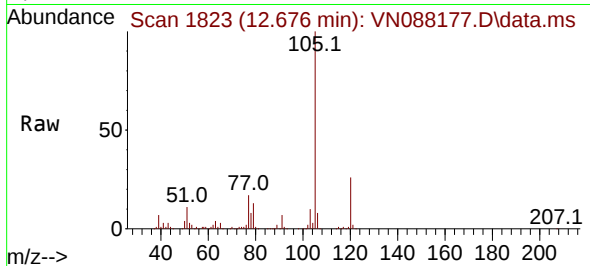




#73
Isopropylbenzene
Concen: 20.249 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

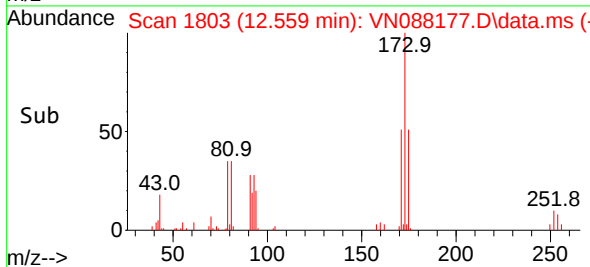
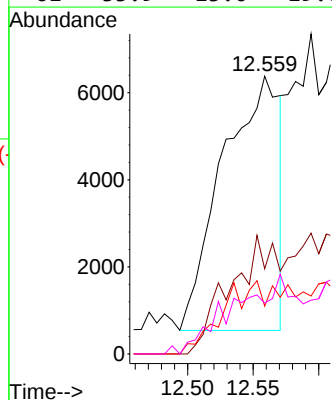
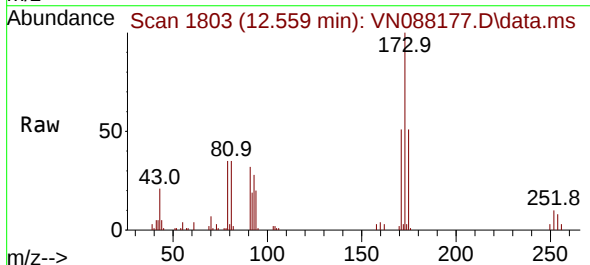
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

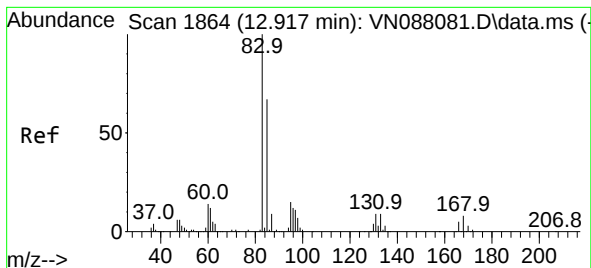
Tgt Ion:105 Resp: 408249
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3



#74
N-ethyl acetate
Concen: 3.091 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.059 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 43 Resp: 17694
Ion Ratio Lower Upper
43 100
70 37.8 27.6 41.4
55 0.0 13.0 19.6#
61 33.9 13.0 19.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.550 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

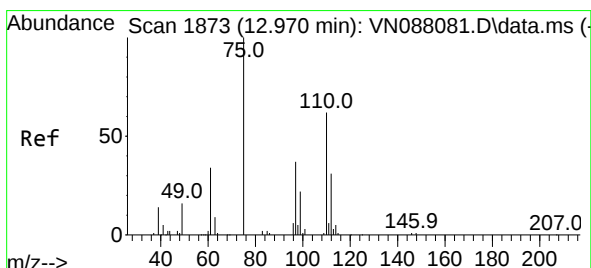
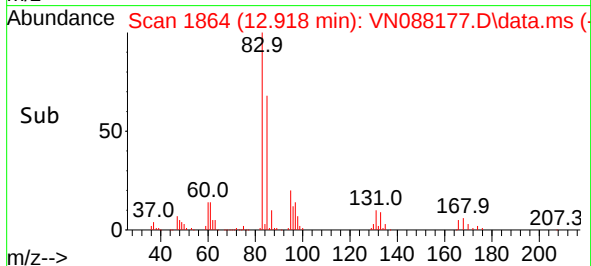
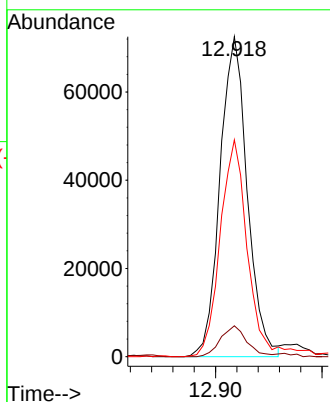
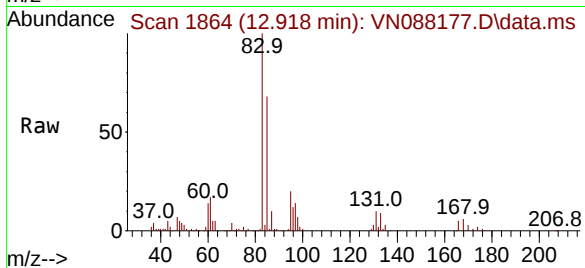
Tgt Ion: 83 Resp: 128993

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

85 69.8 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 29.678 ug/l

RT: 12.971 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN088177.D

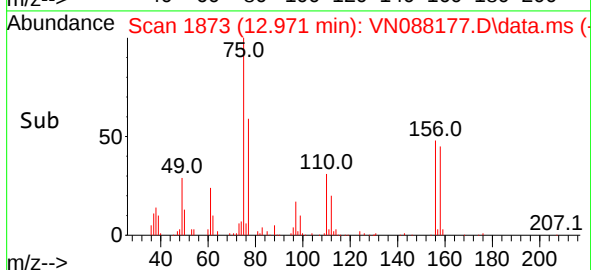
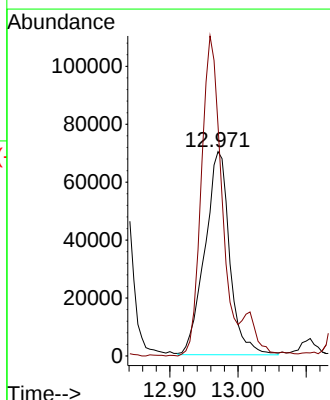
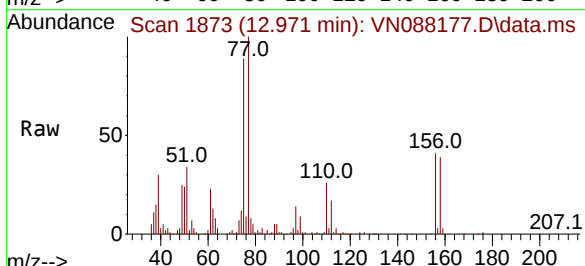
Acq: 31 Oct 2025 11:14

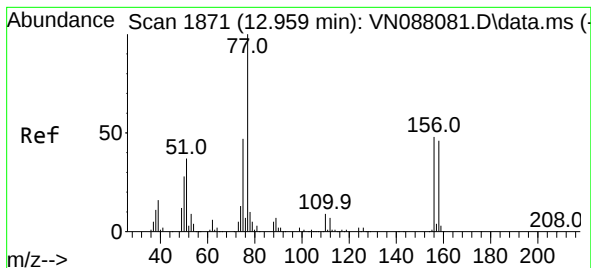
Tgt Ion: 75 Resp: 177374

Ion Ratio Lower Upper

75 100

77 128.0 89.1 267.4





#77

Bromobenzene

Concen: 21.337 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

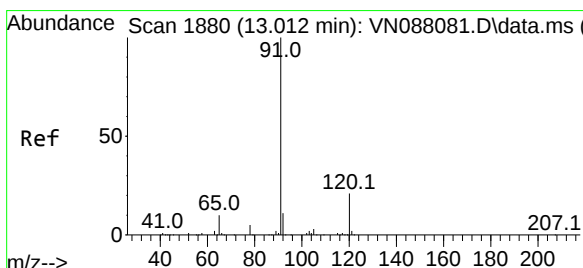
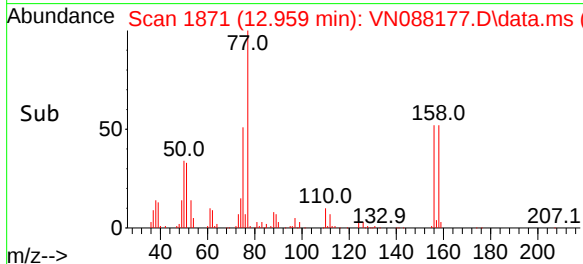
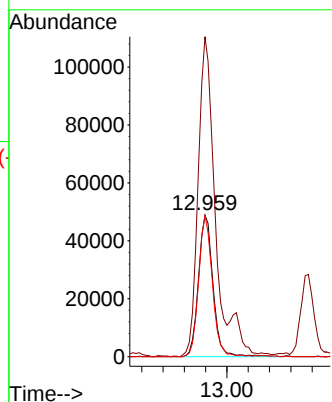
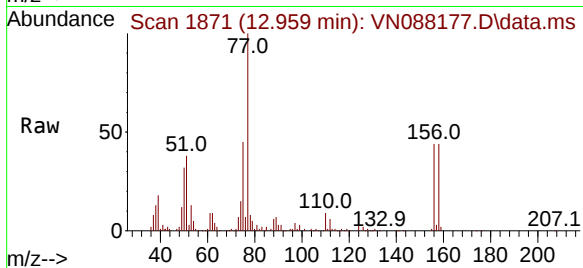
Tgt Ion:156 Resp: 92765

Ion Ratio Lower Upper

156 100

77 244.7 119.3 358.0

158 94.1 48.2 144.6



#78

n-propylbenzene

Concen: 20.152 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088177.D

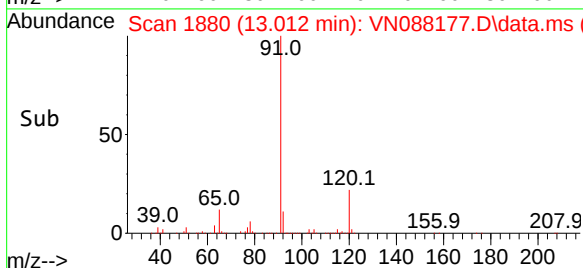
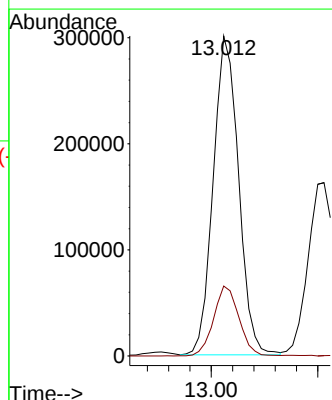
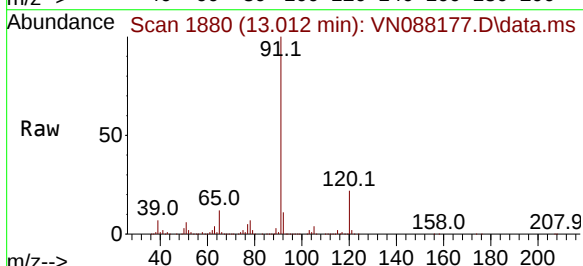
Acq: 31 Oct 2025 11:14

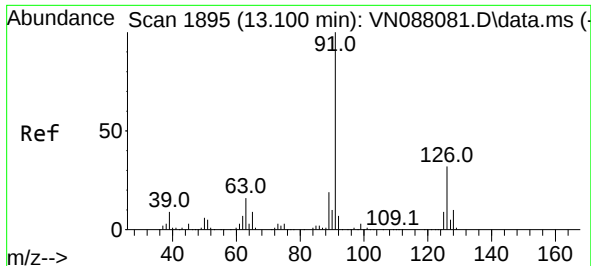
Tgt Ion: 91 Resp: 495820

Ion Ratio Lower Upper

91 100

120 22.1 10.7 32.1

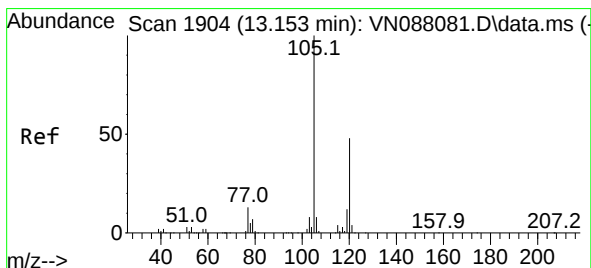
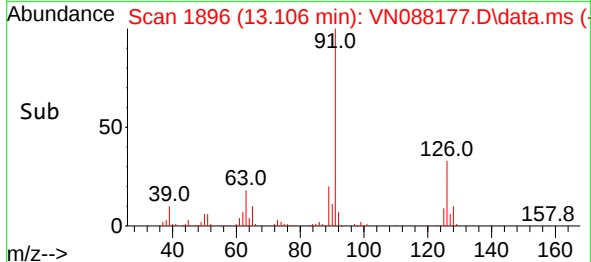
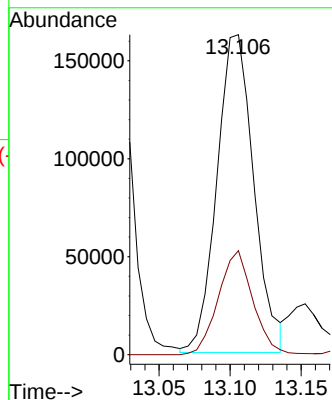
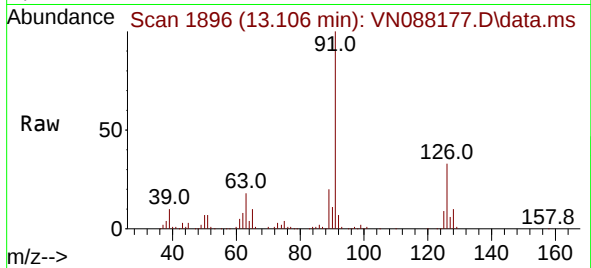




#79
2-Chlorotoluene
Concen: 20.899 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

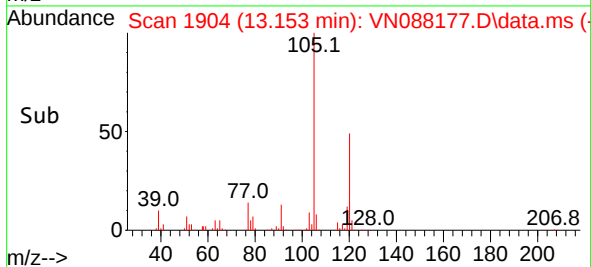
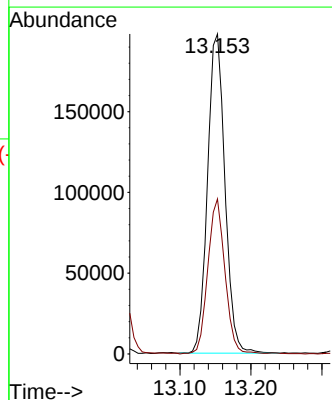
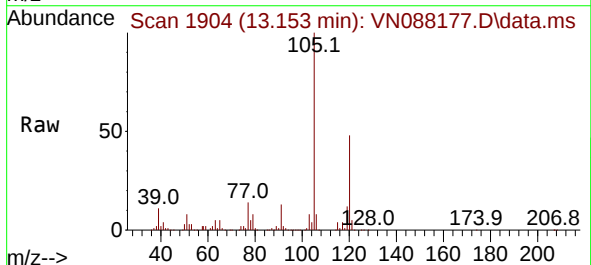
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

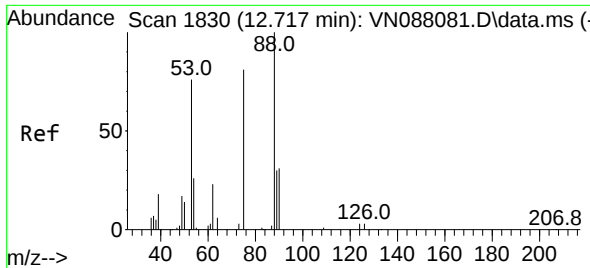
Tgt Ion: 91 Resp: 293250
Ion Ratio Lower Upper
91 100
126 30.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 20.094 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 105 Resp: 336463
Ion Ratio Lower Upper
105 100
120 47.9 23.2 69.6

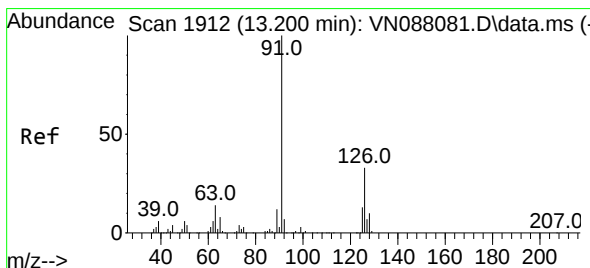
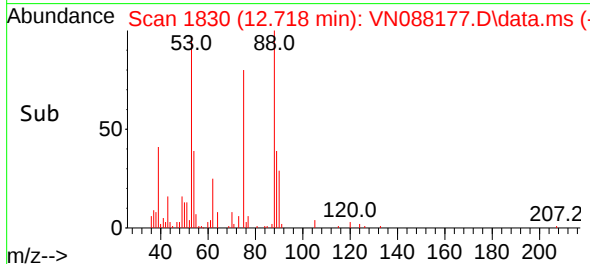
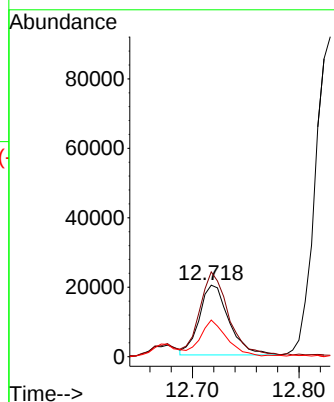
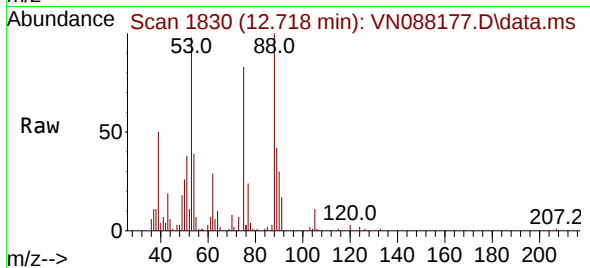




#81
trans-1,4-Dichloro-2-butene
Concen: 18.094 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

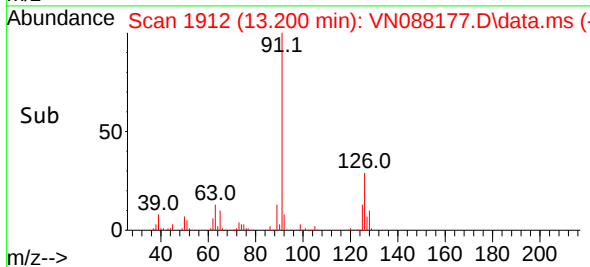
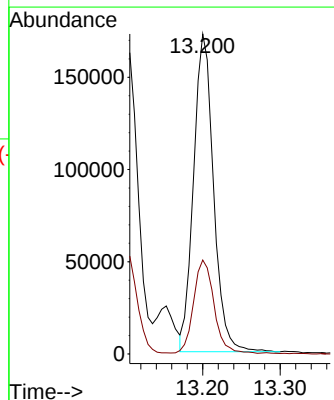
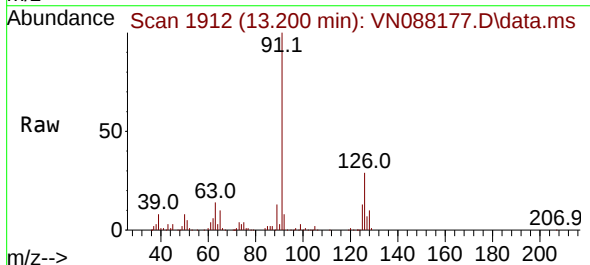
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

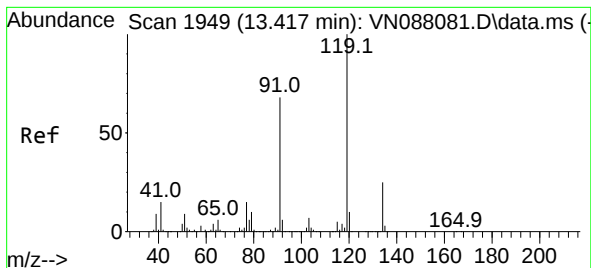
Tgt Ion: 75 Resp: 38767
Ion Ratio Lower Upper
75 100
53 122.3 101.8 152.6
89 47.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.271 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion: 91 Resp: 307735
Ion Ratio Lower Upper
91 100
126 30.2 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.015 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

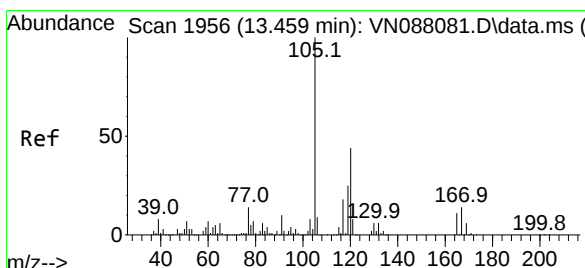
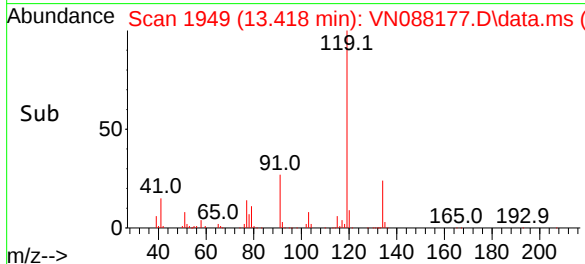
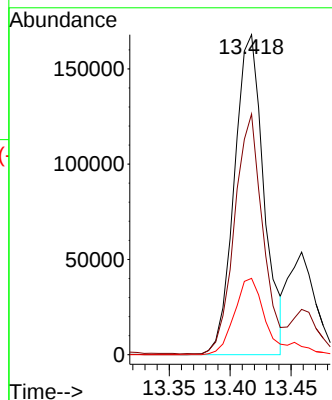
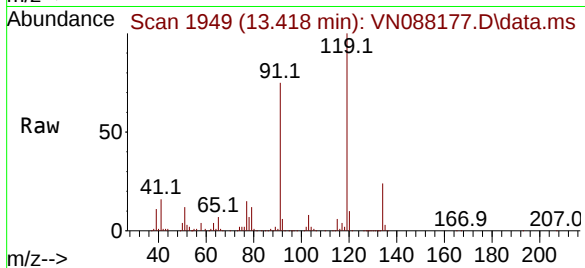
Tgt Ion:119 Resp: 284425

Ion Ratio Lower Upper

119 100

91 72.9 35.0 105.0

134 26.5 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 20.650 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088177.D

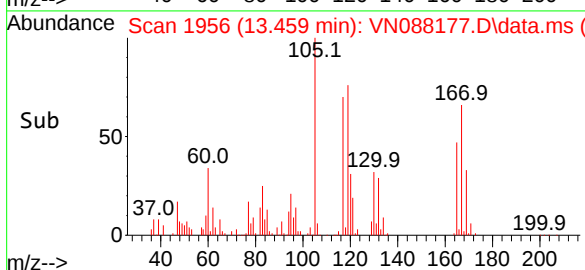
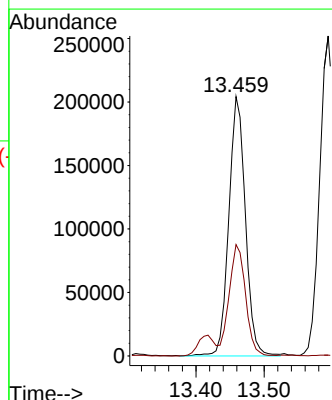
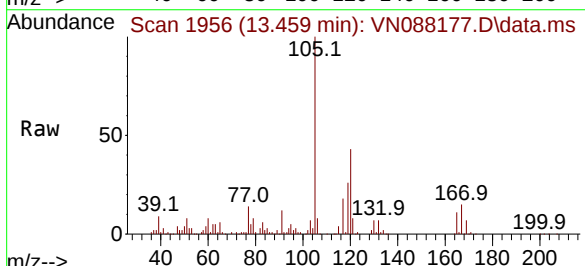
Acq: 31 Oct 2025 11:14

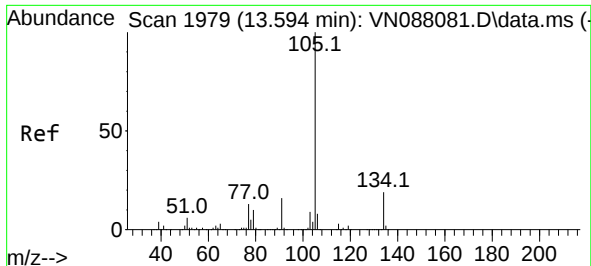
Tgt Ion:105 Resp: 345947

Ion Ratio Lower Upper

105 100

120 42.6 22.0 66.0

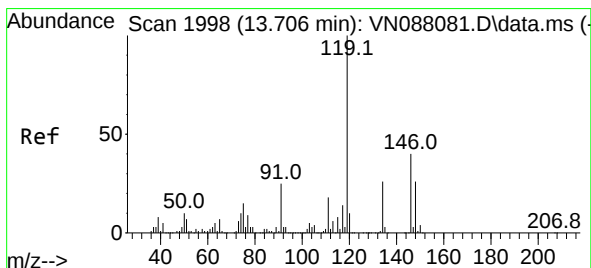
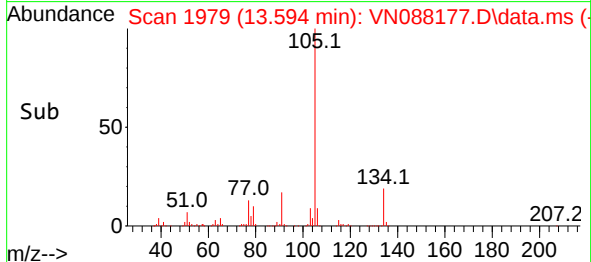
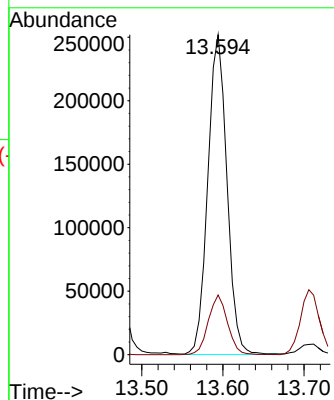
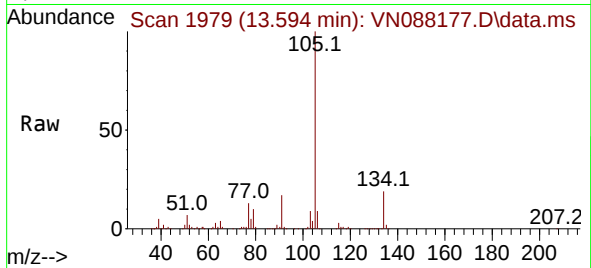




#85
sec-Butylbenzene
Concen: 18.686 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

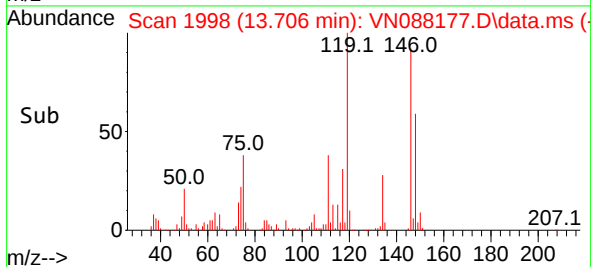
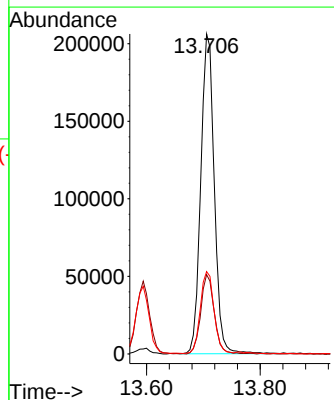
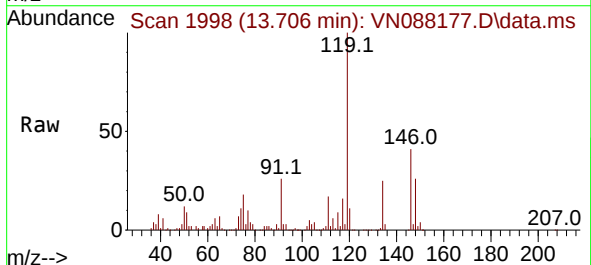
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

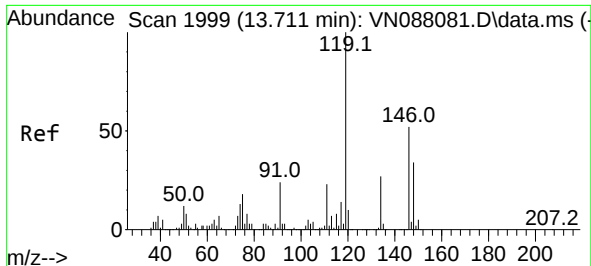
Tgt Ion:105 Resp: 410642
Ion Ratio Lower Upper
105 100
134 18.8 9.6 28.6



#86
p-Isopropyltoluene
Concen: 19.321 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:119 Resp: 340624
Ion Ratio Lower Upper
119 100
134 24.5 12.7 38.0
91 25.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.960 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

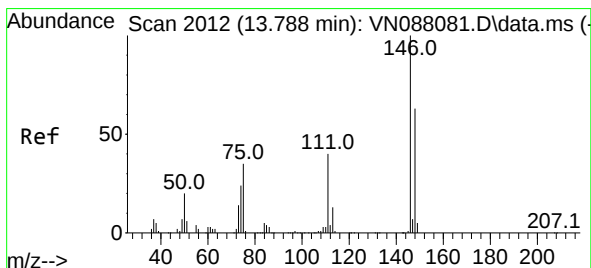
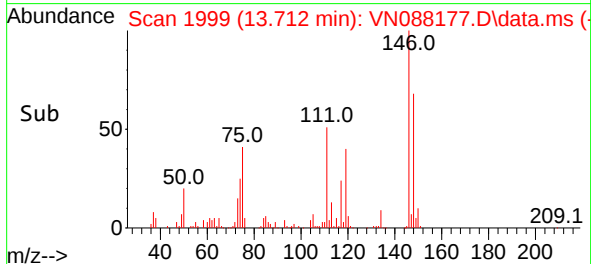
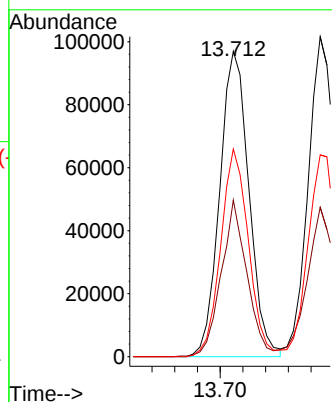
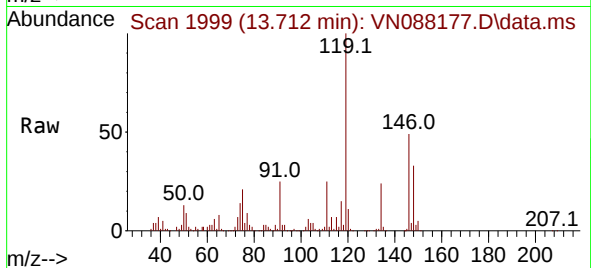
Tgt Ion:146 Resp: 173236

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.5

148 64.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.308 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

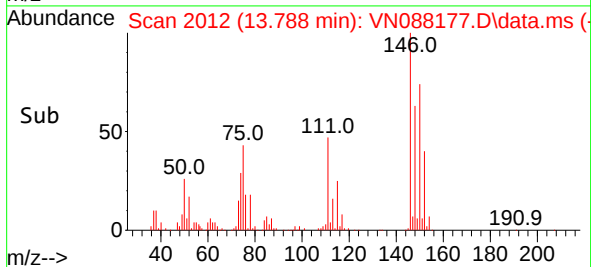
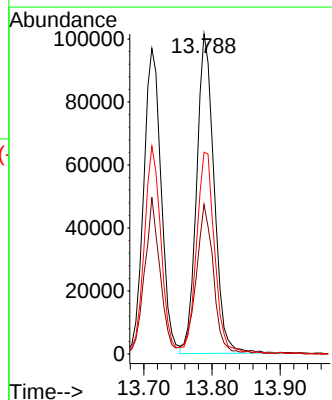
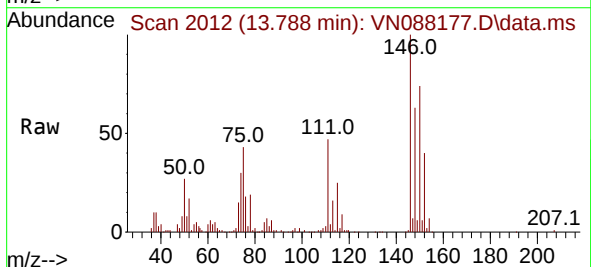
Tgt Ion:146 Resp: 179991

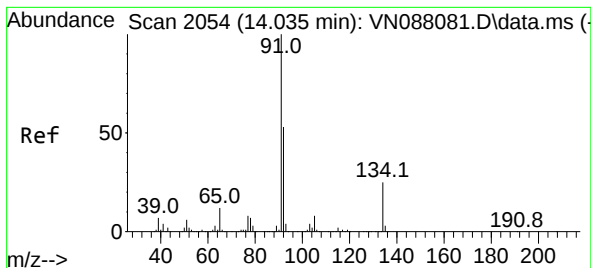
Ion Ratio Lower Upper

146 100

111 46.6 21.0 63.0

148 65.2 32.0 96.0





#89

n-Butylbenzene

Concen: 18.183 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088177.D

Acq: 31 Oct 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBSD01

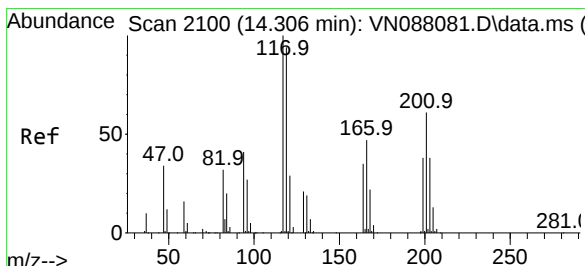
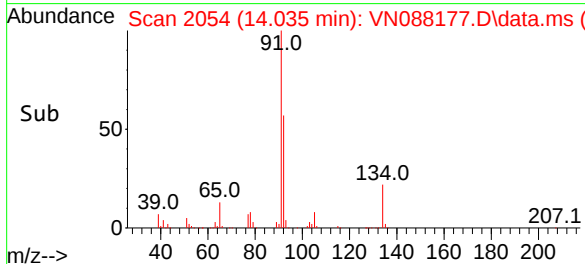
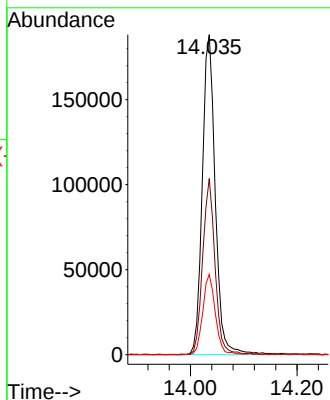
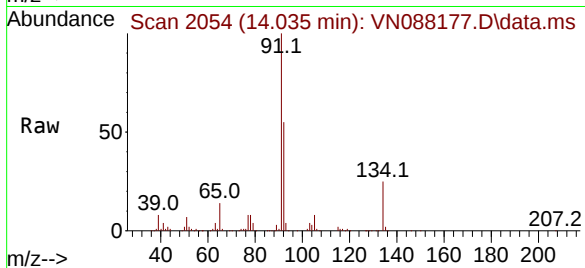
Tgt Ion: 91 Resp: 317525

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

134 24.3 11.7 35.0



#90

Hexachloroethane

Concen: 17.715 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088177.D

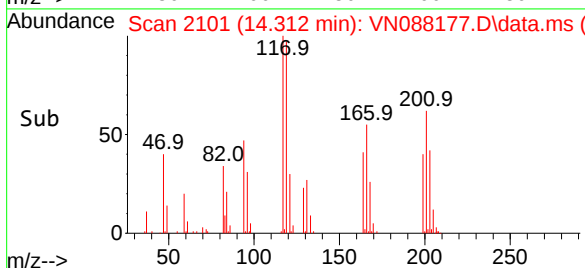
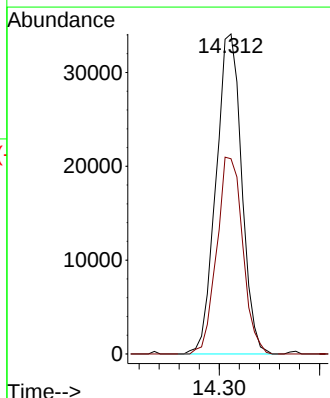
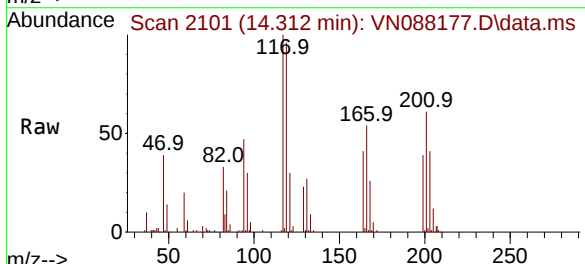
Acq: 31 Oct 2025 11:14

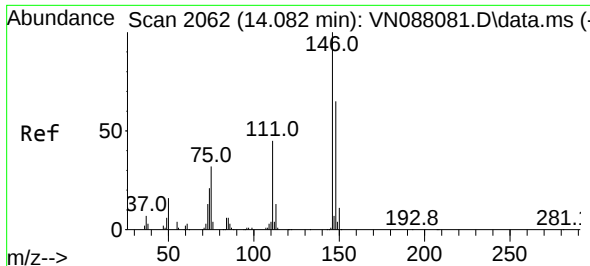
Tgt Ion: 117 Resp: 60477

Ion Ratio Lower Upper

117 100

201 62.2 29.1 87.4

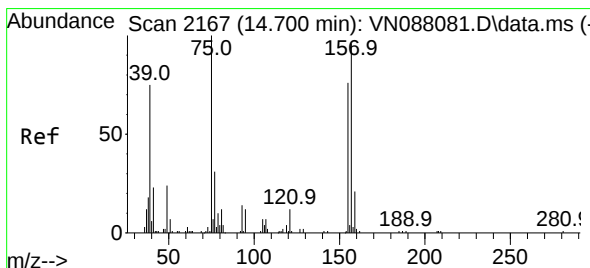
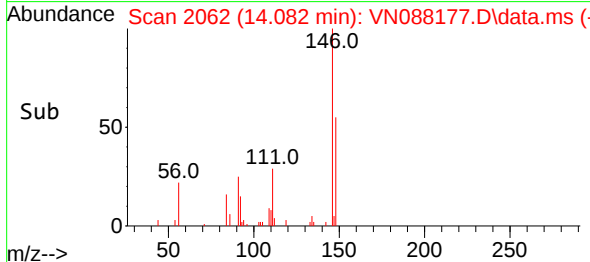
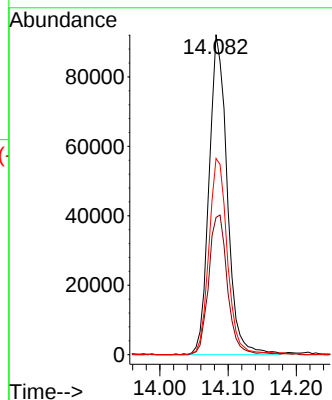
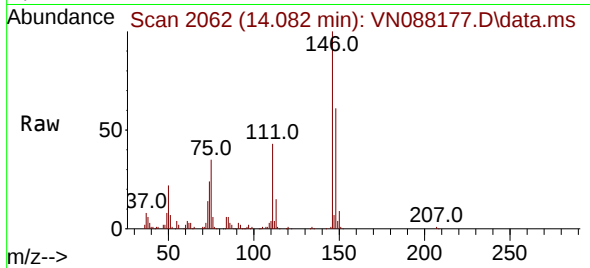




#91
 1,2-Dichlorobenzene
 Concen: 20.435 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

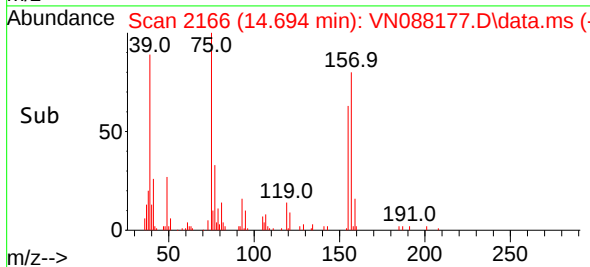
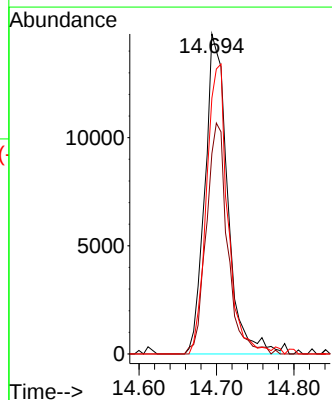
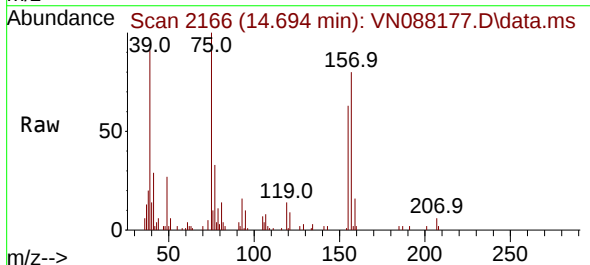
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBSD01

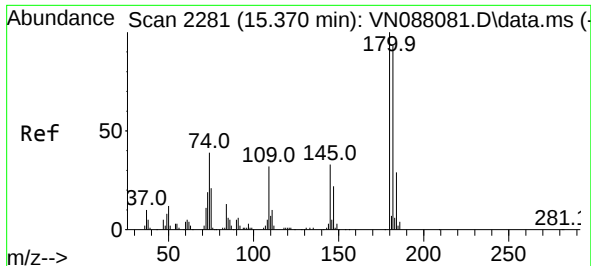
Tgt Ion:146 Resp: 170969
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.6 67.8
 148 62.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.636 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088177.D
 Acq: 31 Oct 2025 11:14

Tgt Ion: 75 Resp: 30149
 Ion Ratio Lower Upper
 75 100
 155 68.0 36.6 109.9
 157 84.9 45.6 136.9

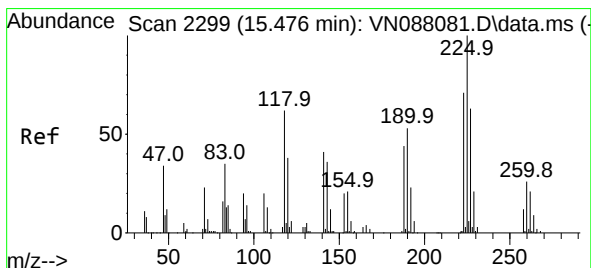
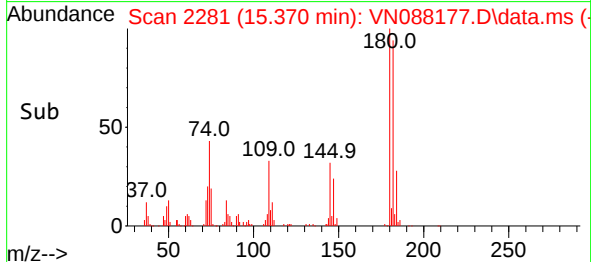
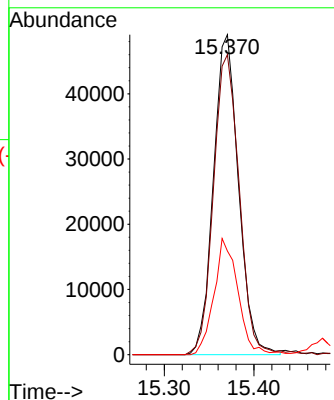
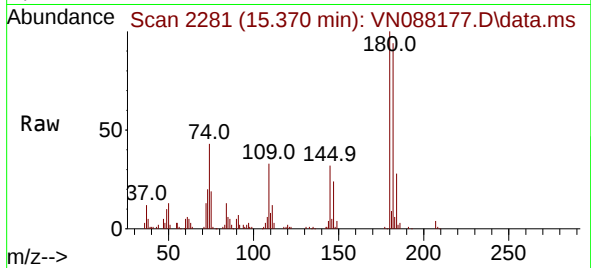




#93
1,2,4-Trichlorobenzene
Concen: 18.797 ug/l
RT: 15.370 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

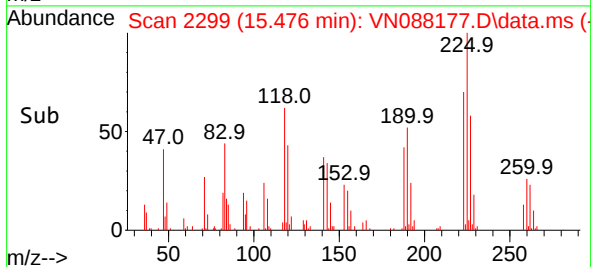
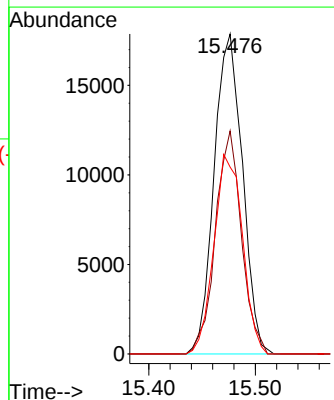
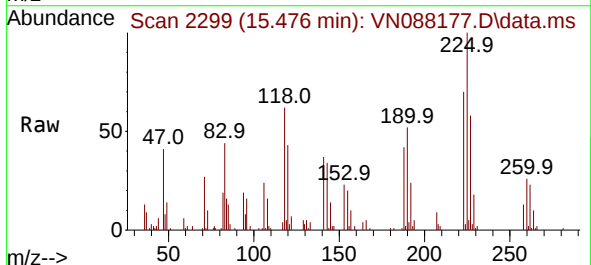
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

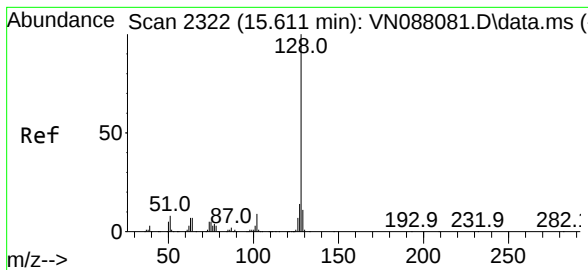
Tgt Ion:180 Resp: 95242
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.9
145 34.8 16.5 49.5



#94
Hexachlorobutadiene
Concen: 17.473 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:225 Resp: 32969
Ion Ratio Lower Upper
225 100
223 64.3 32.0 96.2
227 62.9 32.1 96.5

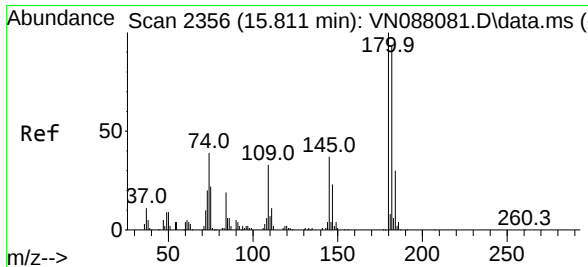
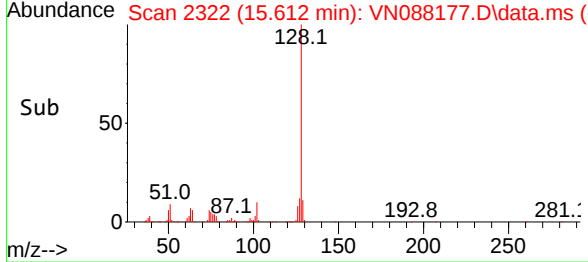
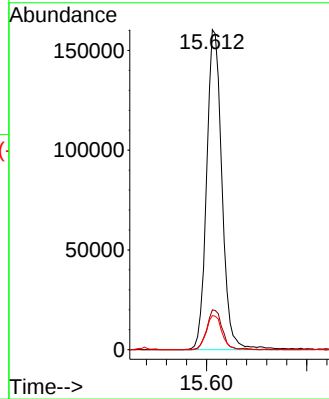
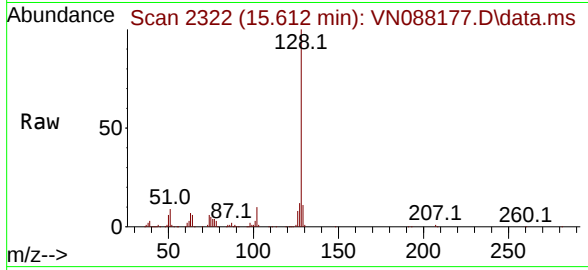




#95
Naphthalene
Concen: 19.600 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBSD01

Tgt Ion:128 Resp: 340202
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.444 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088177.D
Acq: 31 Oct 2025 11:14

Tgt Ion:180 Resp: 89606
Ion Ratio Lower Upper
180 100
182 93.0 46.8 140.3
145 35.8 17.3 52.0

