

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088344.D
 Acq On : 24 Nov 2025 12:38
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 25 01:09:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:08:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	286338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	535294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	458943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	203454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	6379	1.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.460%#
35) Dibromofluoromethane	8.153	113	4392	1.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.400%#
50) Toluene-d8	10.547	98	13121	0.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.880%#
62) 4-Bromofluorobenzene	12.841	95	5433	1.106	ug/l	0.02
Spiked Amount	50.000	Range	77 - 121	Recovery	=	2.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	4116	1.176	ug/l	88
3) Chloromethane	2.383	50	5215	1.282	ug/l	92
4) Vinyl Chloride	2.536	62	4602	1.055	ug/l	98
5) Bromomethane	2.977	94	2761	1.087	ug/l	82
6) Chloroethane	3.148	64	3181	1.036	ug/l #	78
7) Trichlorofluoromethane	3.512	101	7064	1.049	ug/l #	82
8) Diethyl Ether	3.953	74	2832	1.101	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	3781	1.083	ug/l	91
10) Methyl Iodide	4.571	142	3202	0.956	ug/l #	73
11) Tert butyl alcohol	5.506	59	4088	4.515	ug/l #	94
12) 1,1-Dichloroethene	4.318	96	1644	0.444	ug/l #	48
13) Acrolein	4.183	56	4091	4.131	ug/l #	44
14) Allyl chloride	5.012	41	6342	0.957	ug/l	95
15) Acrylonitrile	5.712	53	12465	5.068	ug/l	98
16) Acetone	4.424	43	11802	4.716	ug/l	98
17) Carbon Disulfide	4.694	76	11805	1.034	ug/l #	85
18) Methyl Acetate	5.006	43	6138	1.129	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	12174	0.876	ug/l	96
20) Methylene Chloride	5.265	84	4566	1.042	ug/l #	70
21) trans-1,2-Dichloroethene	5.783	96	4308	1.053	ug/l #	94
22) Diisopropyl ether	6.647	45	6654	0.478	ug/l #	47
23) Vinyl Acetate	6.594	43	48988	3.972	ug/l	96
24) 1,1-Dichloroethane	6.547	63	7954	1.029	ug/l #	95
25) 2-Butanone	7.471	43	14574	4.283	ug/l #	82
26) 2,2-Dichloropropane	7.465	77	7127	1.026	ug/l #	77
27) cis-1,2-Dichloroethene	7.465	96	2565	0.541	ug/l	11
28) Bromochloromethane	7.788	49	4148	1.149	ug/l #	92
29) Tetrahydrofuran	7.835	42	10143	4.482	ug/l	96
30) Chloroform	7.947	83	7885	1.027	ug/l	97
31) Cyclohexane	8.206	56	14344	2.014	ug/l #	38
32) 1,1,1-Trichloroethane	8.153	97	7143	1.055	ug/l #	46
36) 1,1-Dichloropropene	8.341	75	6499	1.203	ug/l #	80
37) Ethyl Acetate	7.553	43	7870	1.095	ug/l #	94
38) Carbon Tetrachloride	8.347	117	6045	1.085	ug/l	84
39) Methylcyclohexane	9.582	83	5715	0.846	ug/l	87
40) Benzene	8.582	78	17750	1.069	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	3857	1.037	ug/l #	83
42) 1,2-Dichloroethane	8.659	62	6237	1.039	ug/l	99
43) Isopropyl Acetate	8.677	43	11759	1.073	ug/l #	94
44) Trichloroethene	9.335	130	4088	1.057	ug/l	73
45) 1,2-Dichloropropane	9.600	63	4559	1.082	ug/l #	78
46) Dibromomethane	9.694	93	3080	1.022	ug/l	88
47) Bromodichloromethane	9.865	83	6445	1.068	ug/l #	89
48) Methyl methacrylate	9.665	41	5144	1.017	ug/l #	86
49) 1,4-Dioxane	9.688	88	1133	17.773	ug/l #	72
51) 4-Methyl-2-Pentanone	10.429	43	28924	4.454	ug/l	97
52) Toluene	10.612	92	8872	0.875	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	6068	0.947	ug/l	89
54) cis-1,3-Dichloropropene	10.294	75	6312	0.928	ug/l	94
55) 1,1,2-Trichloroethane	11.000	97	3748	0.969	ug/l #	72
56) Ethyl methacrylate	10.859	69	4463	0.723	ug/l #	72
57) 1,3-Dichloropropane	11.147	76	6496	0.952	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.141	63	13790	4.190	ug/l	92
59) 2-Hexanone	11.188	43	10850	2.540	ug/l	96
60) Dibromochloromethane	11.335	129	4116	0.936	ug/l	98
61) 1,2-Dibromoethane	11.447	107	3251	0.814	ug/l	96
64) Tetrachloroethene	11.076	164	3914	1.220	ug/l #	86
65) Chlorobenzene	11.871	112	10226	0.958	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.941	131	3473	0.985	ug/l #	57
67) Ethyl Benzene	11.941	91	17267	0.922	ug/l	92
68) m/p-Xylenes	12.047	106	12077	1.724	ug/l	99
69) o-Xylene	12.382	106	6153	0.927	ug/l	91
70) Styrene	12.394	104	8118	0.747	ug/l	100
71) Bromoform	12.559	173	2054	0.782	ug/l #	82
73) Isopropylbenzene	12.676	105	13585	0.849	ug/l	99
74) N-amyl acetate	12.482	43	88	0.019	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.918	83	5605	1.121	ug/l #	83
76) 1,2,3-Trichloropropane	12.982	75	6312	1.305	ug/l	62
77) Bromobenzene	12.965	156	3176	0.907	ug/l	100
78) n-propylbenzene	13.017	91	16584	0.851	ug/l	98
79) 2-Chlorotoluene	13.106	91	11013	0.981	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	10783	0.811	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.729	75	609	0.346	ug/l #	73
82) 4-Chlorotoluene	13.212	91	8516	0.700	ug/l	84
83) tert-Butylbenzene	13.417	119	10210	0.869	ug/l	95
84) 1,2,4-Trimethylbenzene	13.465	105	10464	0.786	ug/l	89
85) sec-Butylbenzene	13.594	105	14068	0.819	ug/l	99
86) p-Isopropyltoluene	13.706	119	11043	0.798	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	7040	1.019	ug/l	95
88) 1,4-Dichlorobenzene	13.712	146	7040	0.945	ug/l	97
89) n-Butylbenzene	14.035	91	11505	0.845	ug/l	93
90) Hexachloroethane	14.312	117	2233	0.841	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	6178	0.927	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1155	0.973	ug/l	93
93) 1,2,4-Trichlorobenzene	15.376	180	4059	1.011	ug/l	91
94) Hexachlorobutadiene	15.476	225	1474	1.002	ug/l	93
95) Naphthalene	15.623	128	11988	0.863	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.823	180	3833	0.989	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
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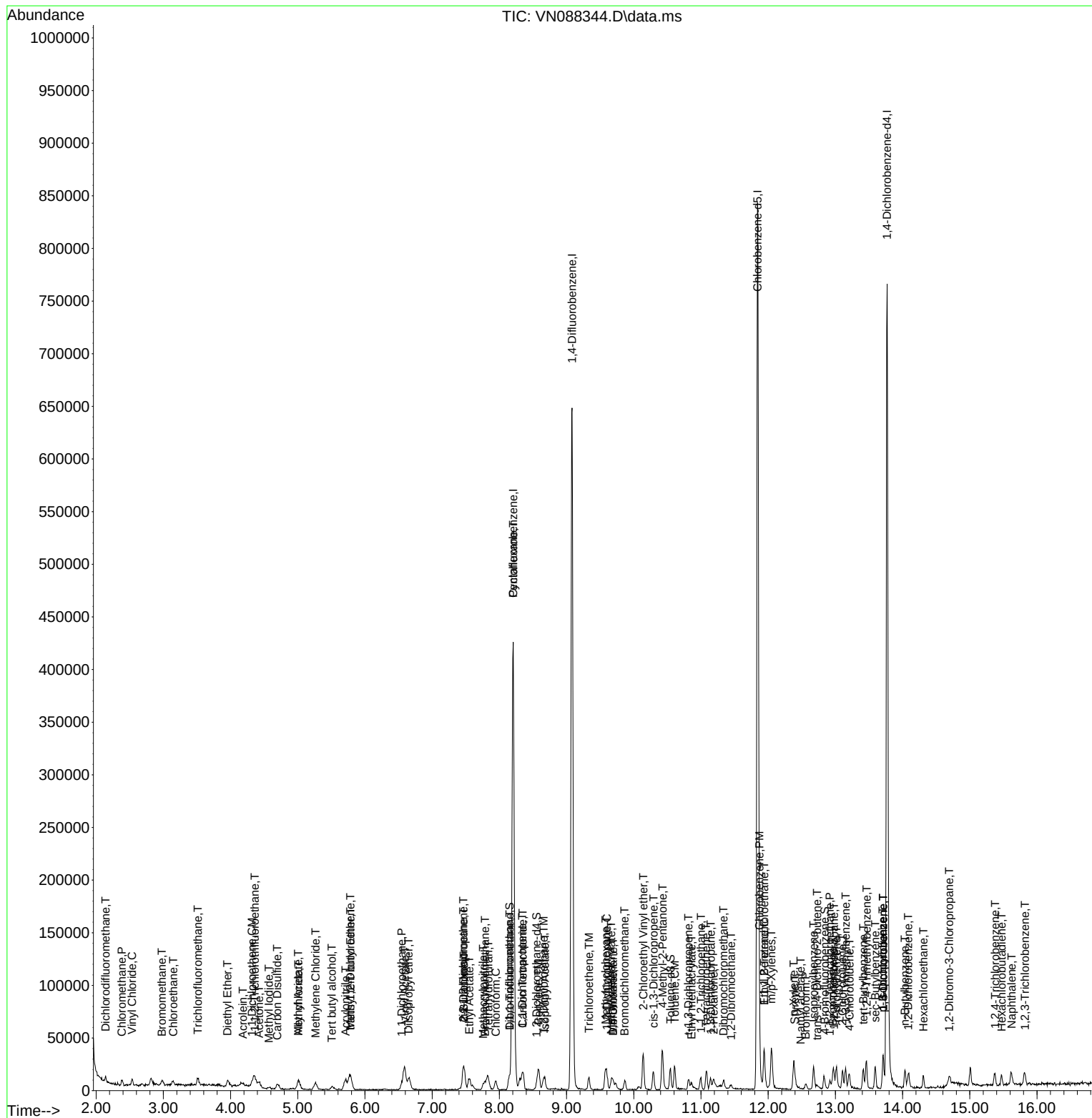
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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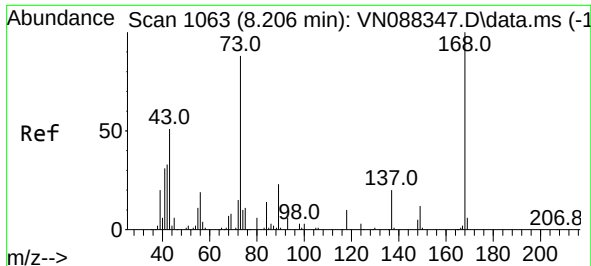
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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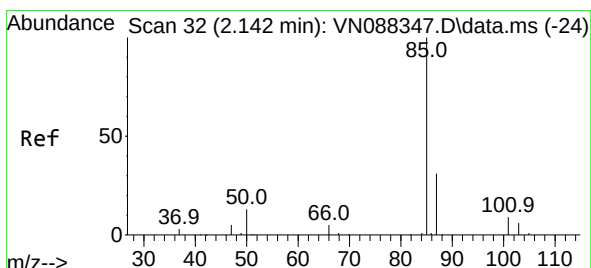
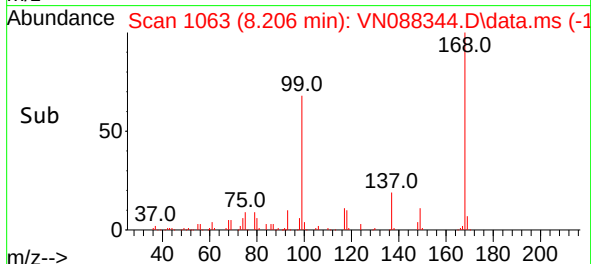
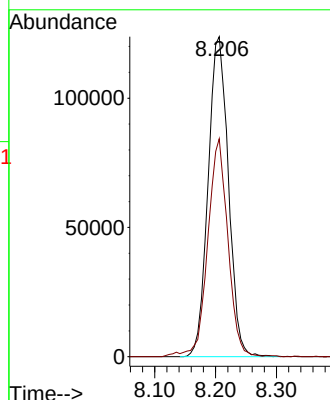
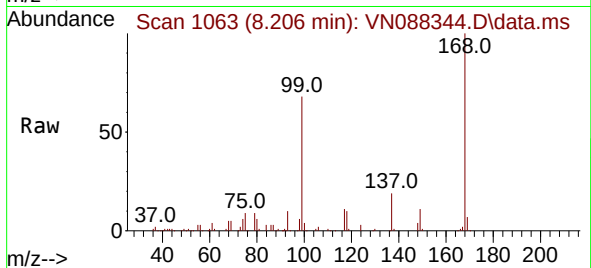




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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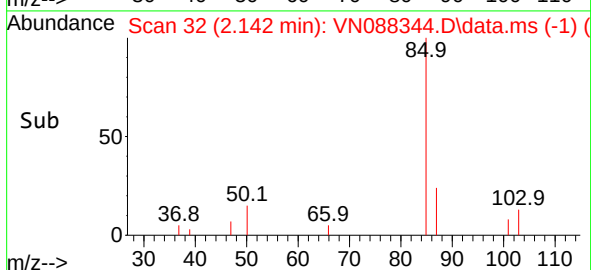
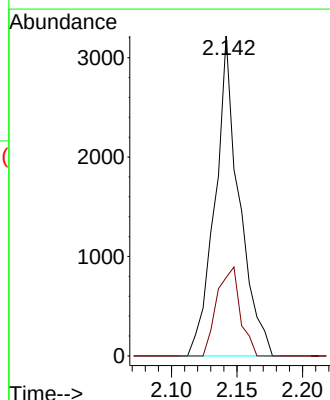
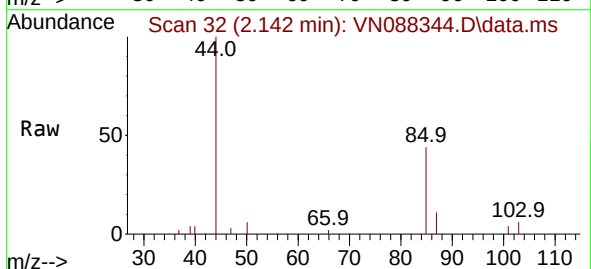
Instrument :
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VSTDIC001

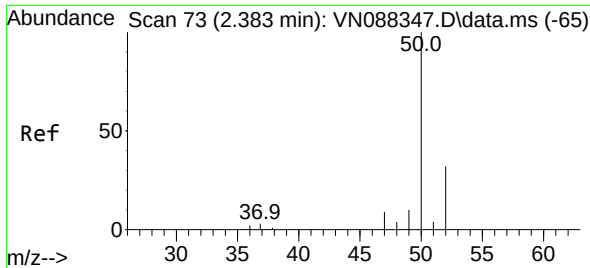
Tgt Ion:168 Resp: 286338
Ion Ratio Lower Upper
168 100
99 68.1 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 1.176 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 85 Resp: 4116
Ion Ratio Lower Upper
85 100
87 24.5 15.6 46.7

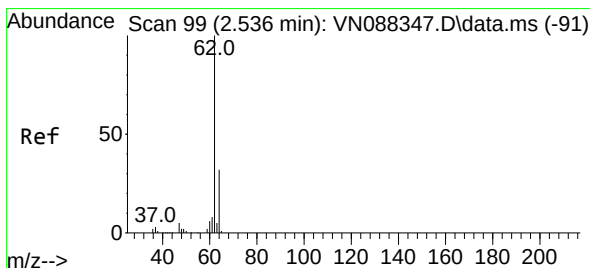
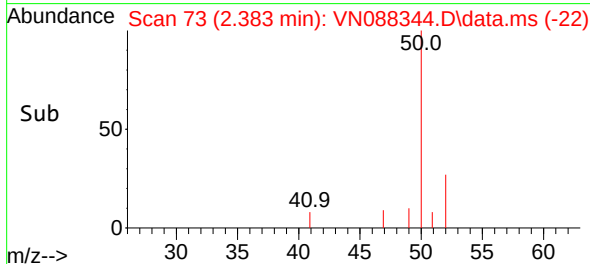
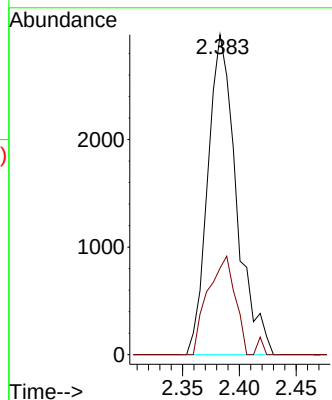
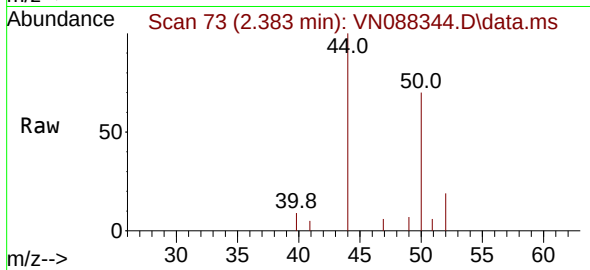




#3
Chloromethane
Concen: 1.282 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

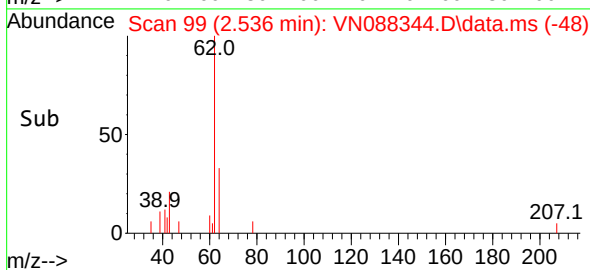
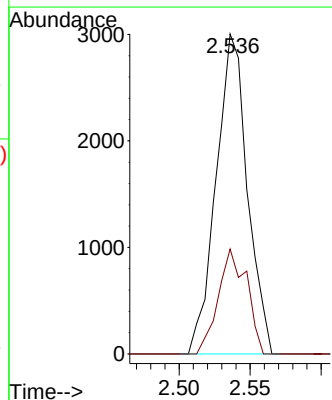
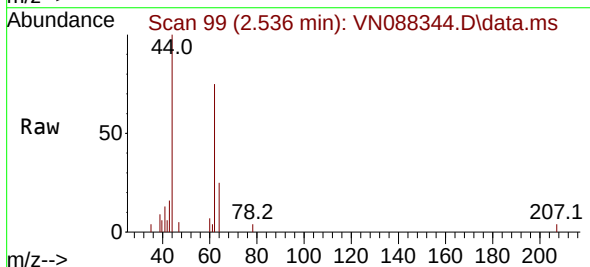
Instrument :
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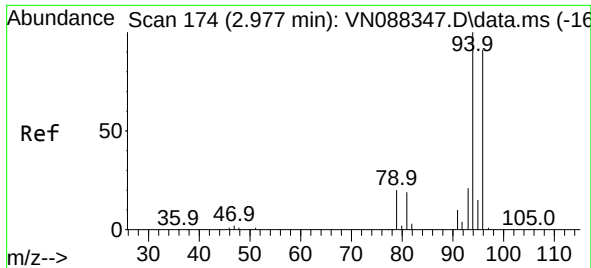
Tgt Ion: 50 Resp: 5215
Ion Ratio Lower Upper
50 100
52 27.1 25.2 37.8



#4
Vinyl Chloride
Concen: 1.055 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 62 Resp: 4602
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.2

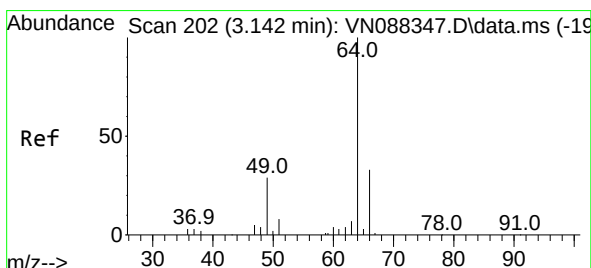
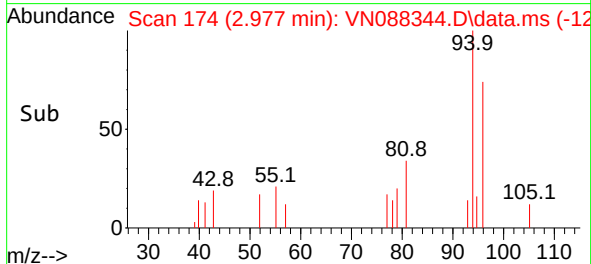
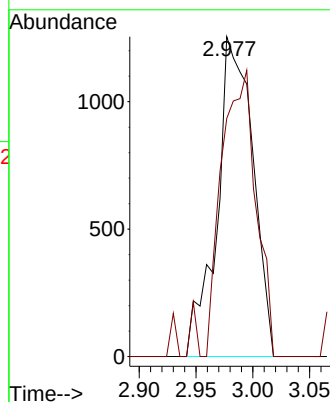
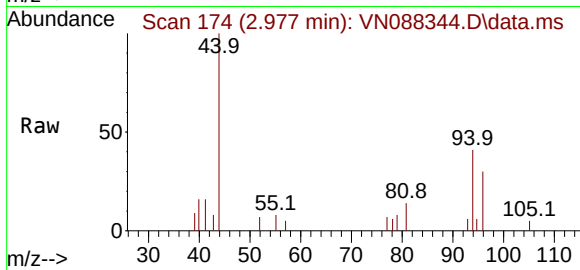




#5
Bromomethane
Concen: 1.087 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088344.D
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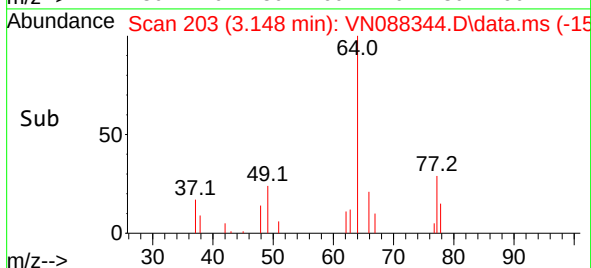
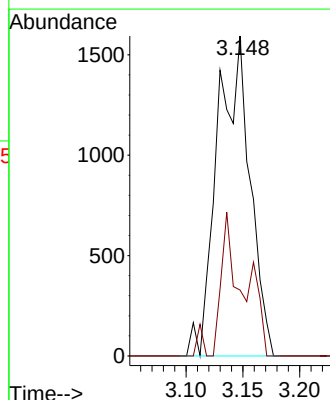
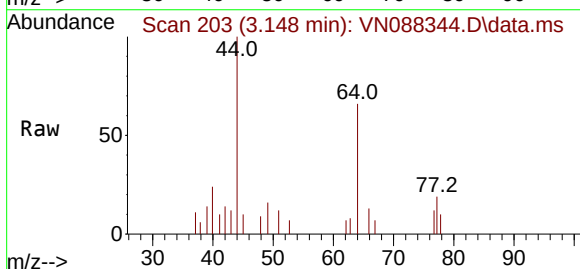
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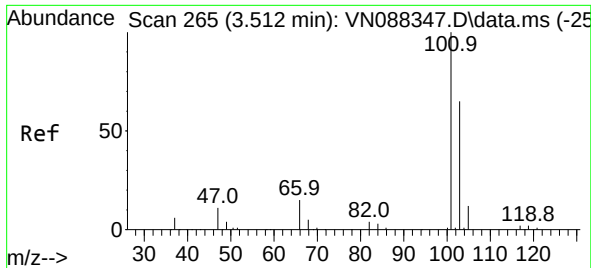
Tgt Ion: 94 Resp: 2761
Ion Ratio Lower Upper
94 100
96 74.4 73.2 109.8



#6
Chloroethane
Concen: 1.036 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 64 Resp: 3181
Ion Ratio Lower Upper
64 100
66 20.6 26.4 39.6#

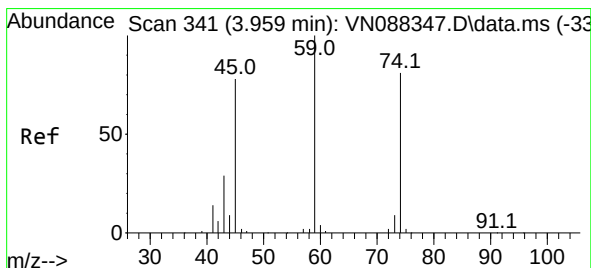
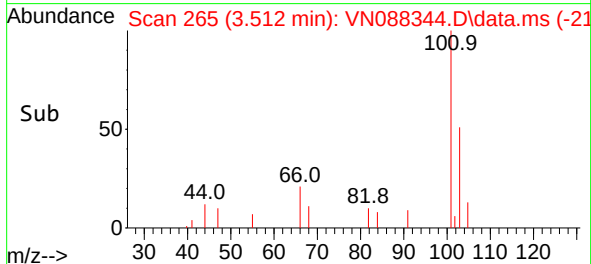
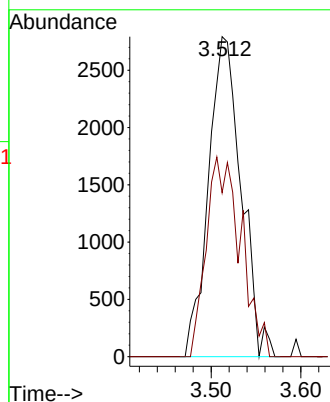
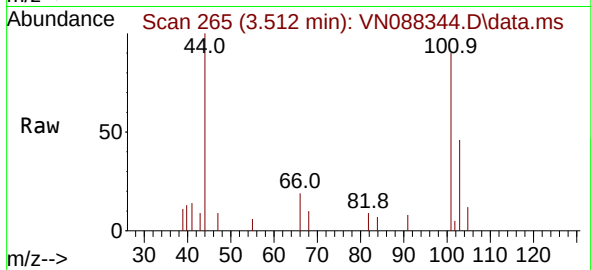




#7
Trichlorofluoromethane
Concen: 1.049 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.000 min
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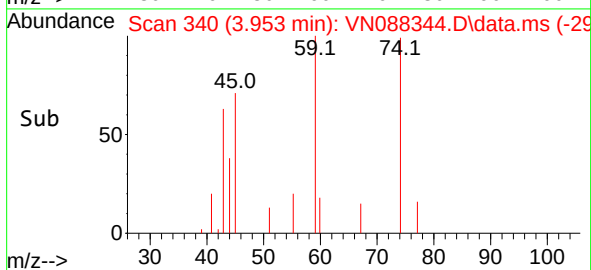
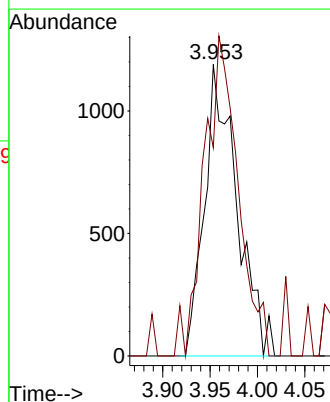
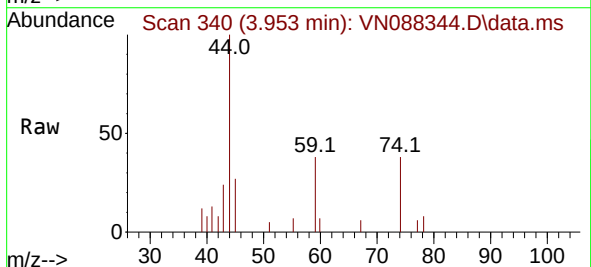
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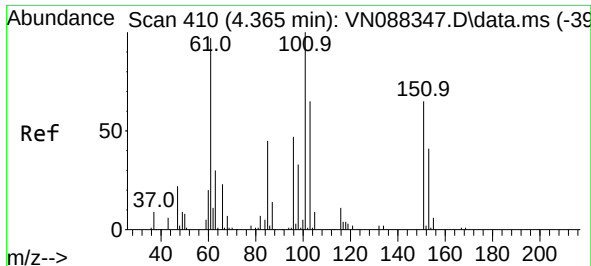
Tgt Ion:101 Resp: 7064
Ion Ratio Lower Upper
101 100
103 51.2 52.3 78.5#



#8
Diethyl Ether
Concen: 1.101 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN088344.D
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Tgt Ion: 74 Resp: 2832
Ion Ratio Lower Upper
74 100
45 114.9 54.2 162.6

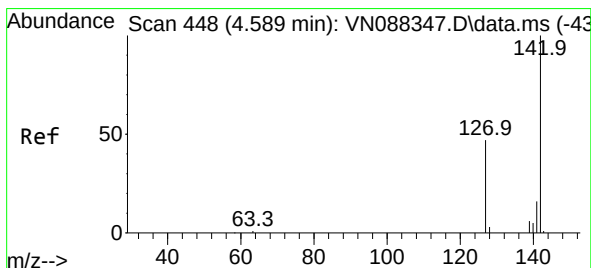
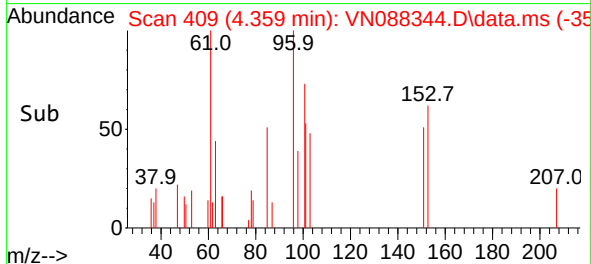
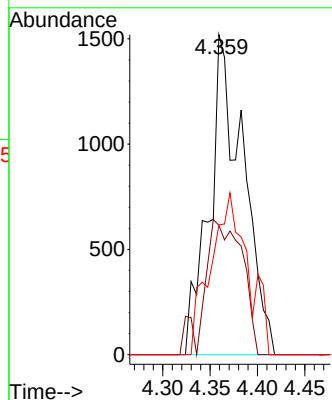
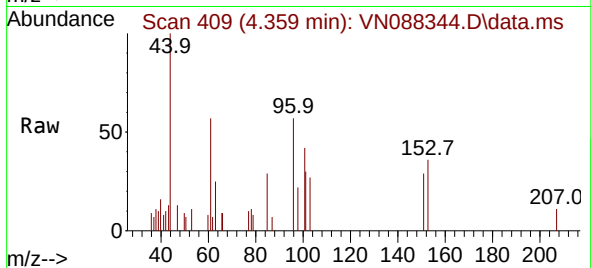




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.083 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

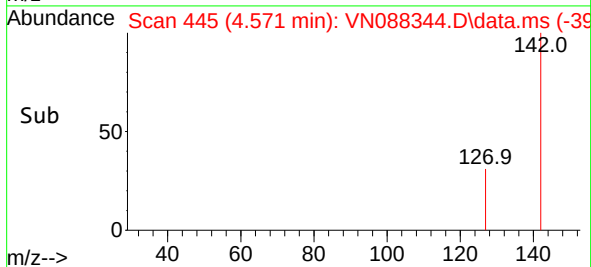
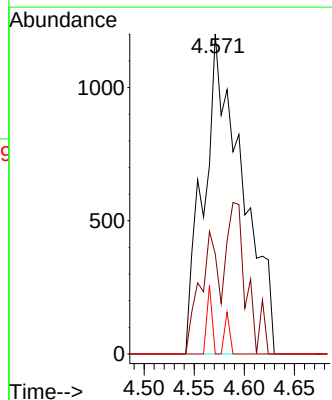
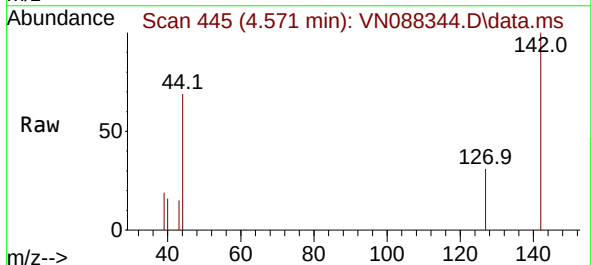
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

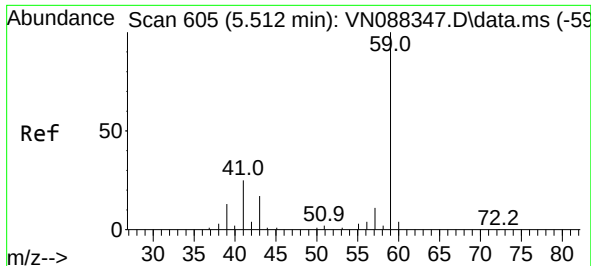
Tgt Ion:101 Resp: 3781
Ion Ratio Lower Upper
101 100
85 46.9 39.2 58.8
151 55.7 53.6 80.4



#10
Methyl Iodide
Concen: 0.956 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.018 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:142 Resp: 3202
Ion Ratio Lower Upper
142 100
127 31.3 37.9 56.9#
141 0.0 12.4 18.6#

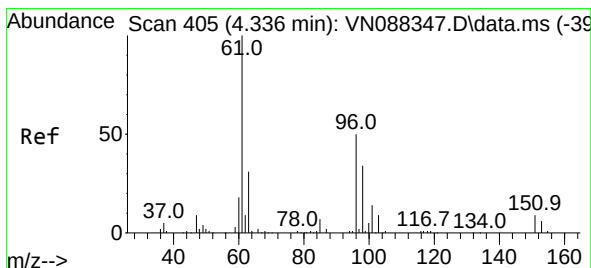
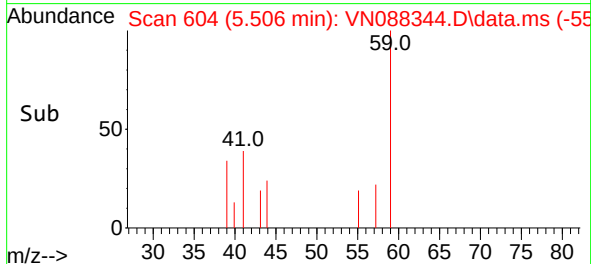
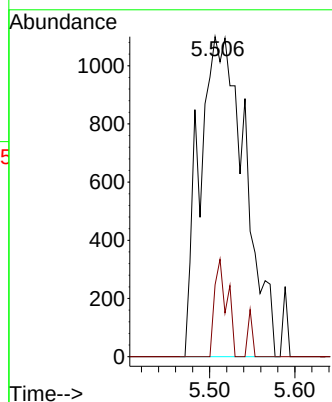
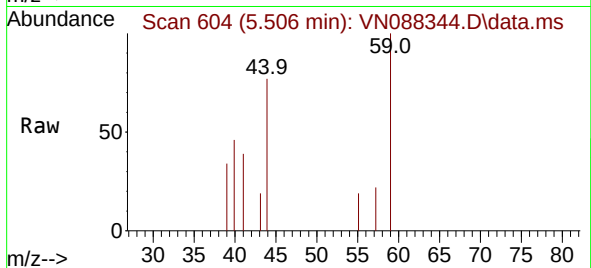




#11
Tert butyl alcohol
Concen: 4.515 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

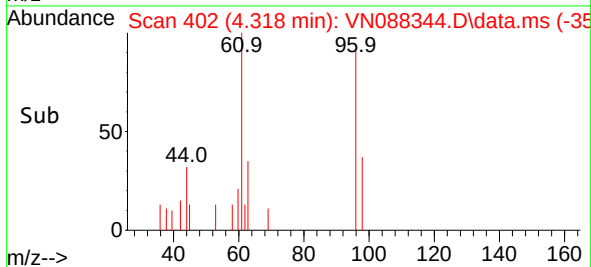
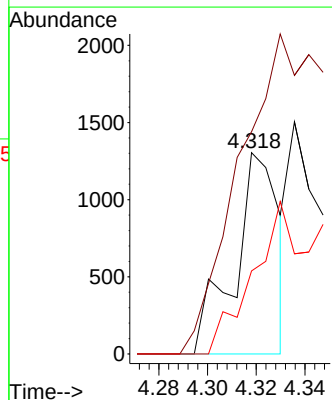
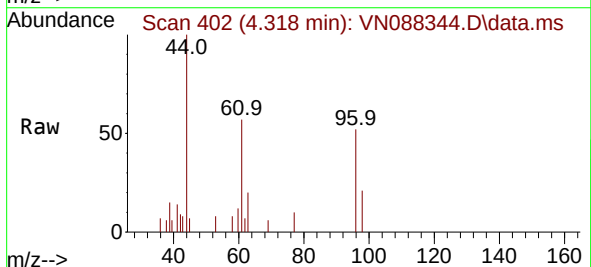
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

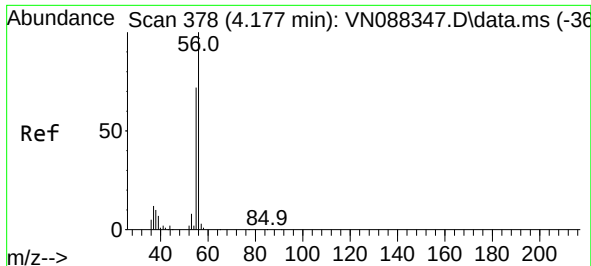
Tgt Ion: 59 Resp: 4088
Ion Ratio Lower Upper
59 100
57 8.4 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 0.444 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.018 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 96 Resp: 1644
Ion Ratio Lower Upper
96 100
61 110.3 159.1 238.7#
98 41.2 53.7 80.5#





#13

Acrolein

Concen: 4.131 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

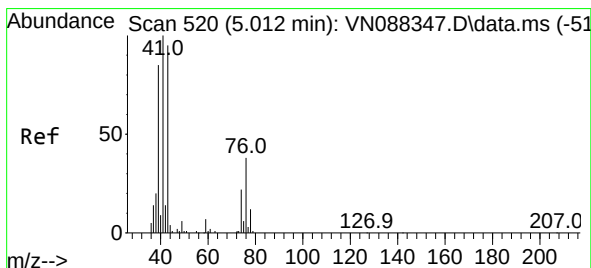
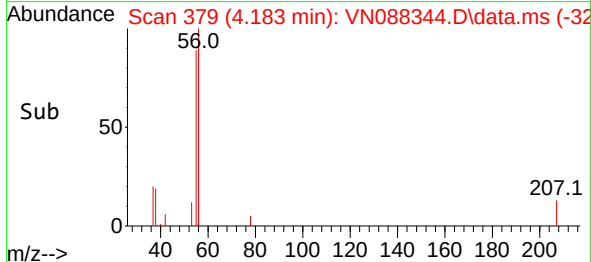
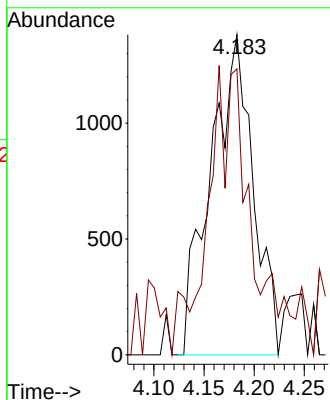
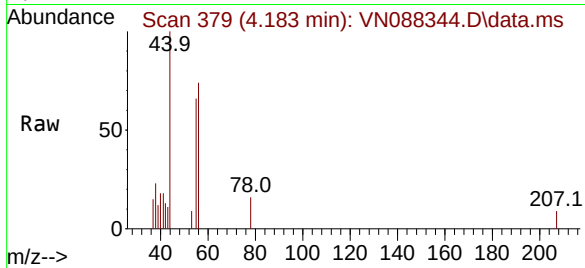
VSTDICC001

Tgt Ion: 56 Resp: 4091

Ion Ratio Lower Upper

56 100

55 24.4 56.3 84.5#



#14

Allyl chloride

Concen: 0.957 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

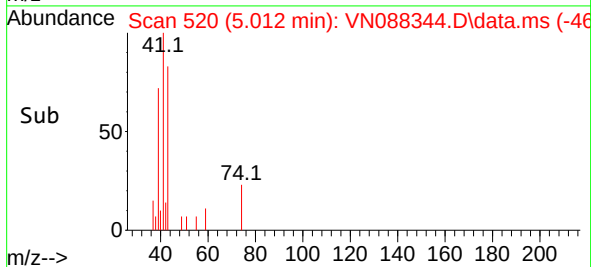
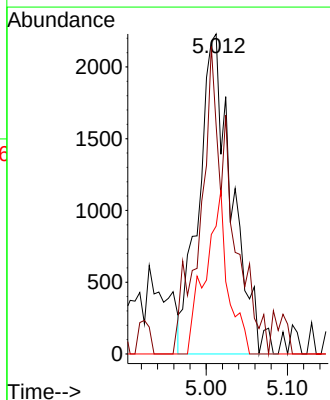
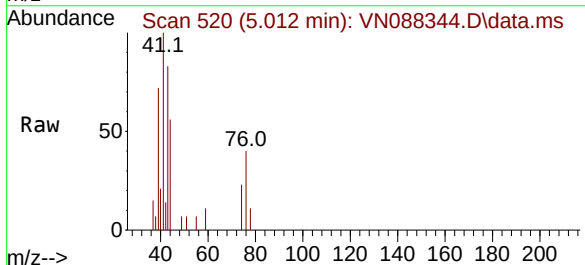
Tgt Ion: 41 Resp: 6342

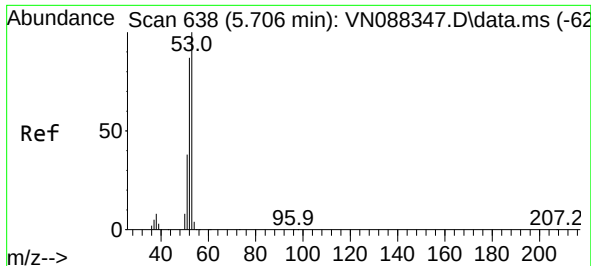
Ion Ratio Lower Upper

41 100

39 86.1 64.7 97.1

76 34.6 29.1 43.7

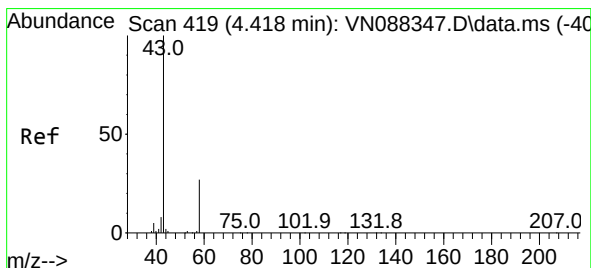
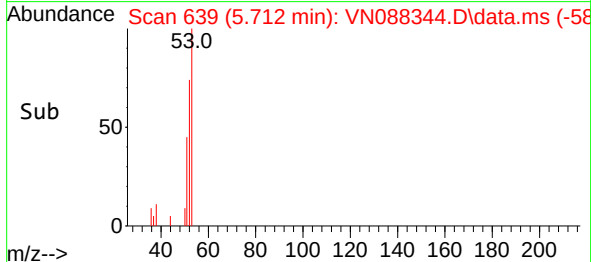
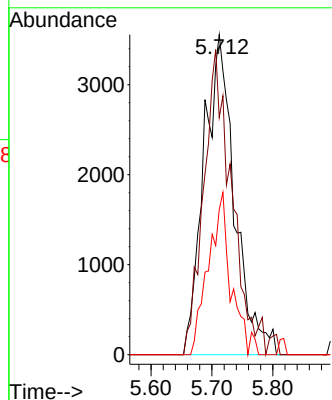
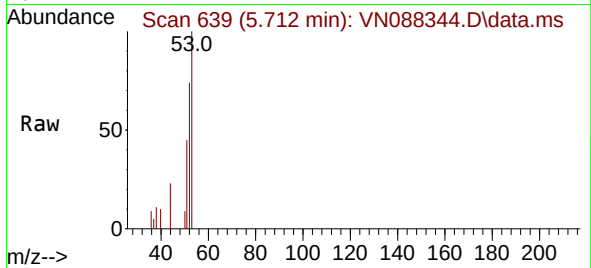




#15
Acrylonitrile
Concen: 5.068 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

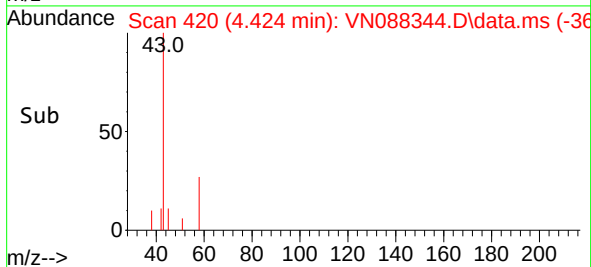
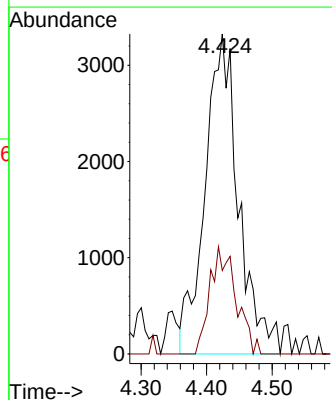
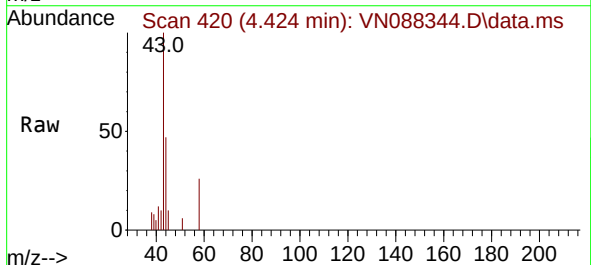
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

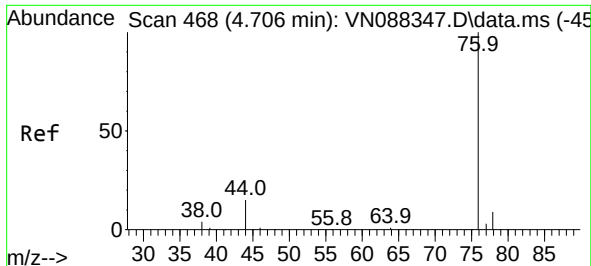
Tgt Ion: 53	Resp: 12465
Ion Ratio	Lower Upper
53 100	
52 87.1	67.8 101.6
51 37.6	29.8 44.8



#16
Acetone
Concen: 4.716 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 43	Resp: 11802
Ion Ratio	Lower Upper
43 100	
58 26.1	21.7 32.5

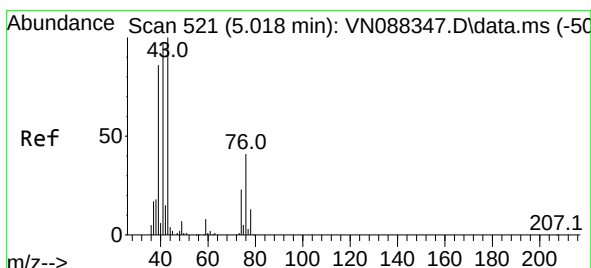
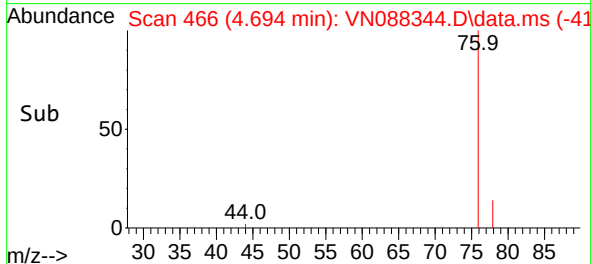
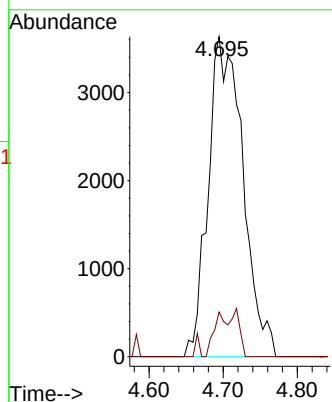
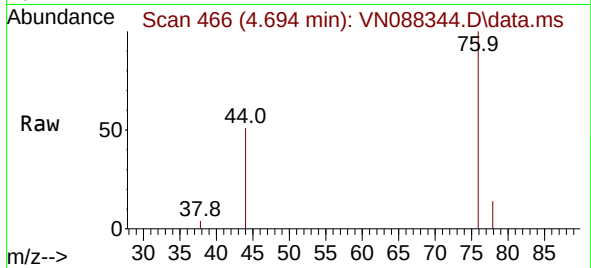




#17
Carbon Disulfide
Concen: 1.034 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

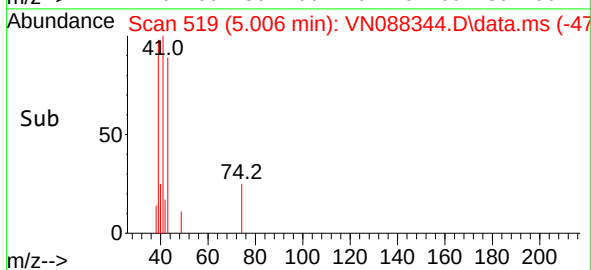
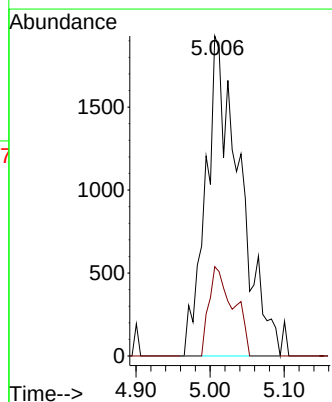
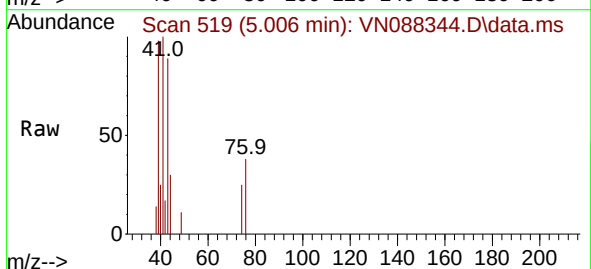
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

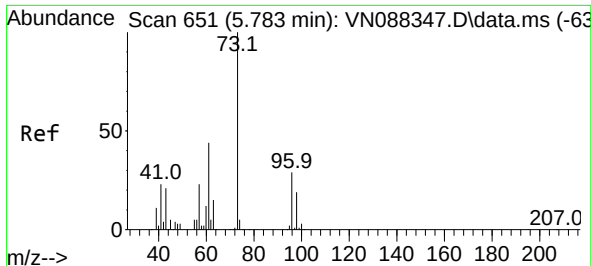
Tgt Ion: 76 Resp: 11805
Ion Ratio Lower Upper
76 100
78 13.9 7.0 10.4#



#18
Methyl Acetate
Concen: 1.129 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 43 Resp: 6138
Ion Ratio Lower Upper
43 100
74 20.0 17.9 26.9

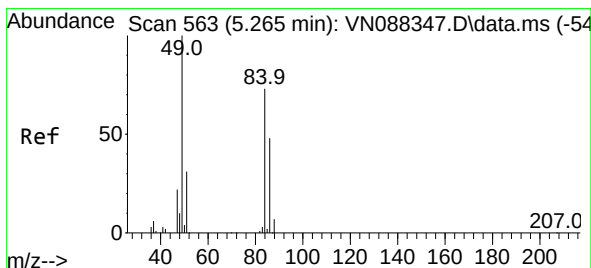
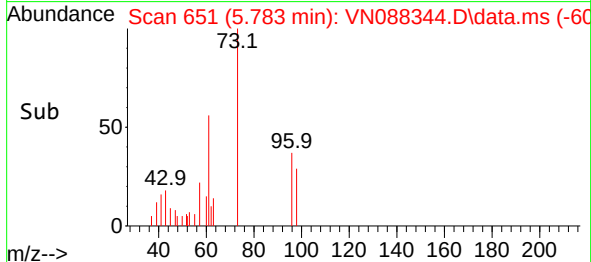
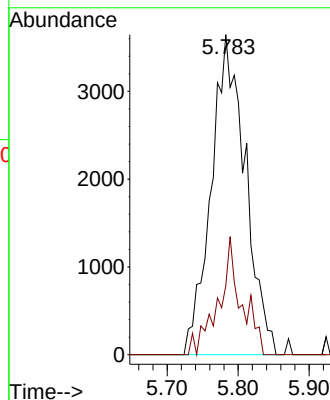
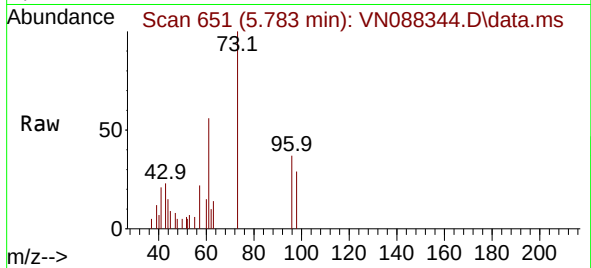




#19
Methyl tert-butyl Ether
Concen: 0.876 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

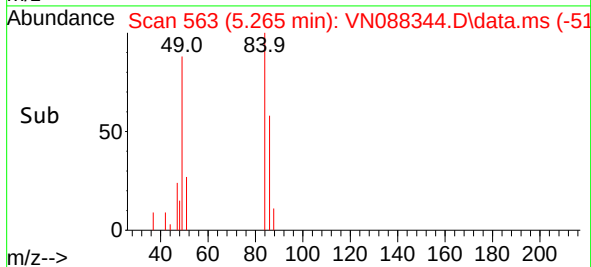
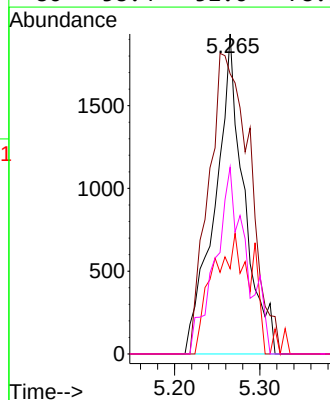
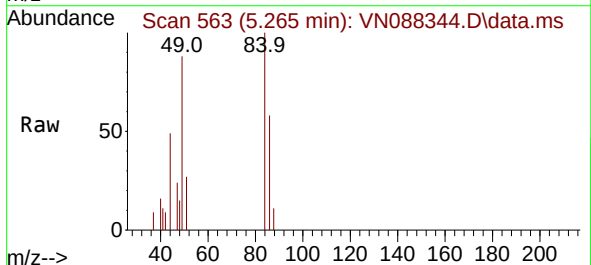
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

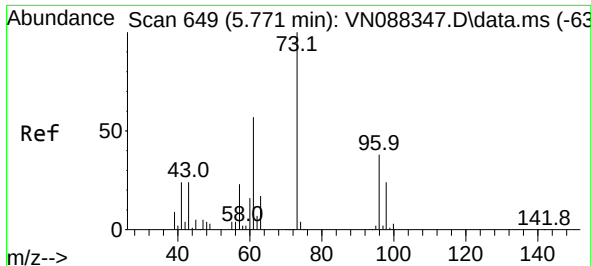
Tgt Ion: 73 Resp: 12174
Ion Ratio Lower Upper
73 100
57 21.5 18.6 28.0



#20
Methylene Chloride
Concen: 1.042 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 84 Resp: 4566
Ion Ratio Lower Upper
84 100
49 87.5 110.2 165.2#
51 26.6 34.1 51.1#
86 58.4 52.6 78.8

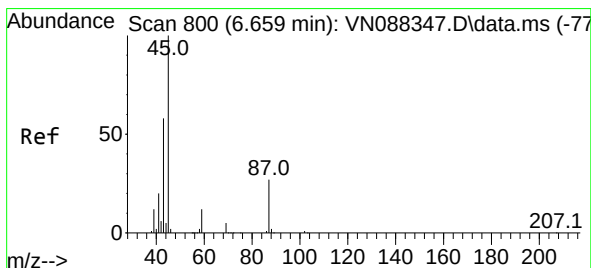
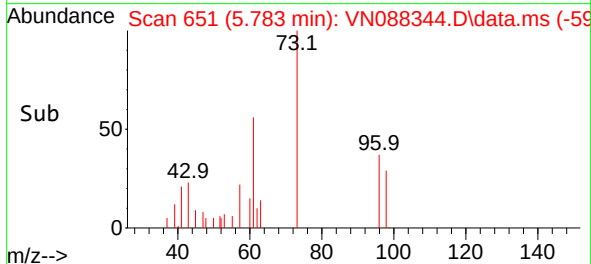
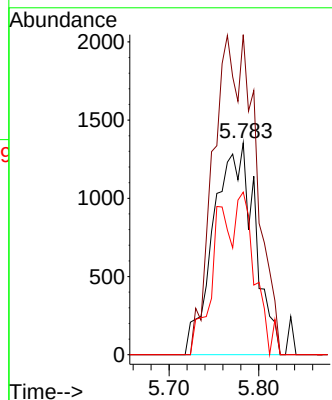
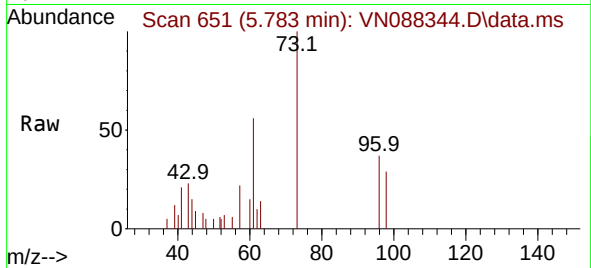




#21
trans-1,2-Dichloroethene
Concen: 1.053 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

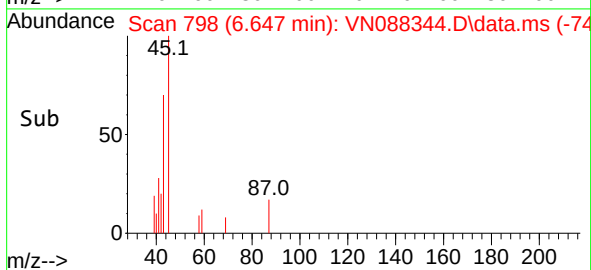
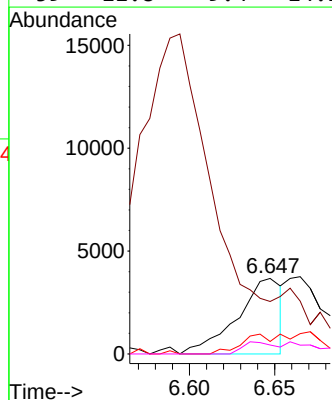
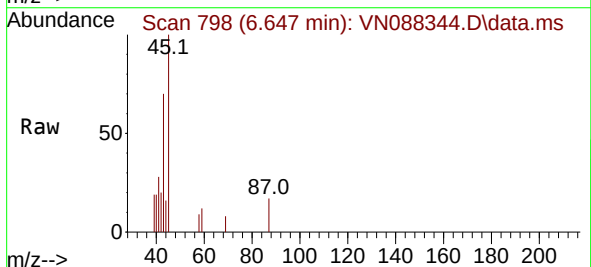
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

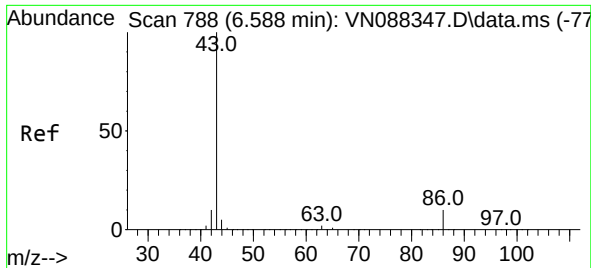
Tgt Ion: 96 Resp: 4308
Ion Ratio Lower Upper
96 100
61 151.0 122.4 183.6
98 76.8 50.9 76.3#



#22
Diisopropyl ether
Concen: 0.478 ug/l
RT: 6.647 min Scan# 798
Delta R.T. -0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 45 Resp: 6654
Ion Ratio Lower Upper
45 100
43 0.0 47.4 71.2#
87 16.6 21.9 32.9#
59 11.8 9.4 14.2

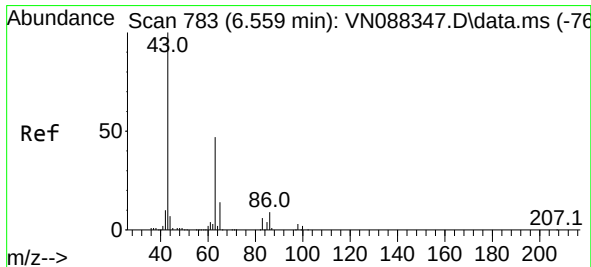
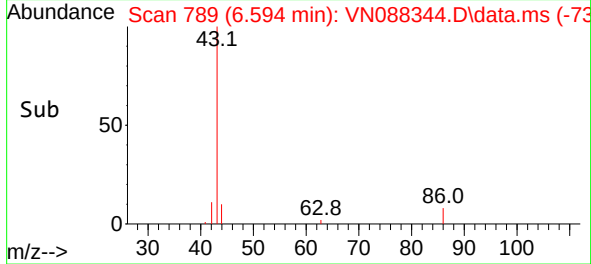
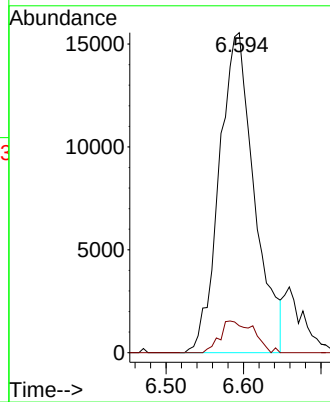
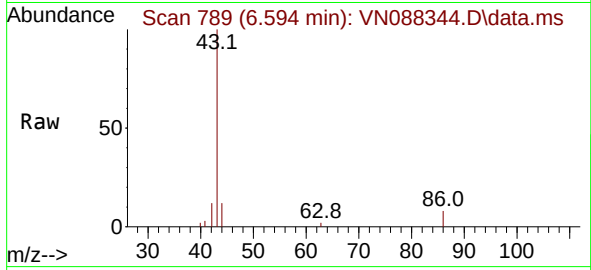




#23
 Vinyl Acetate
 Concen: 3.972 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088344.D
 Acq: 24 Nov 2025 12:38

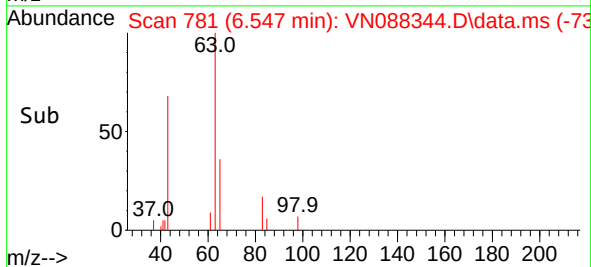
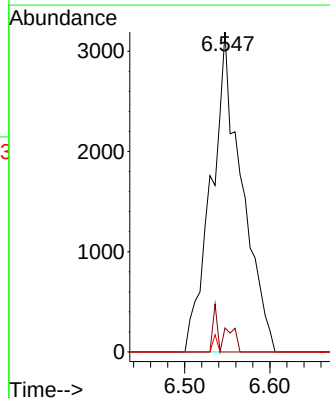
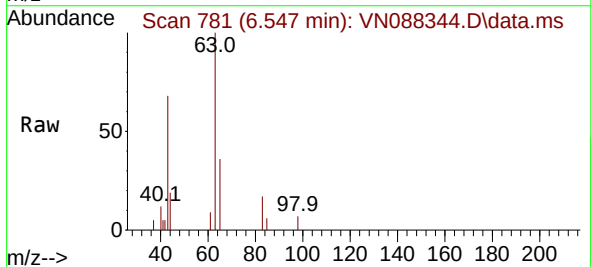
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

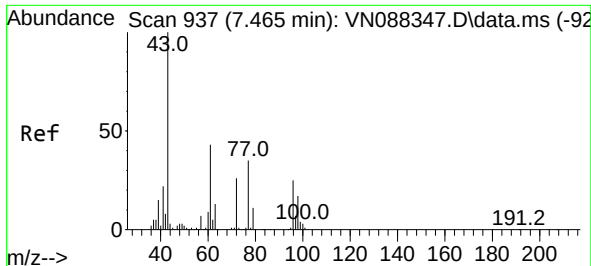
Tgt Ion: 43 Resp: 48988
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 1.029 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088344.D
 Acq: 24 Nov 2025 12:38

Tgt Ion: 63 Resp: 7954
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 0.0 1.9 5.7#

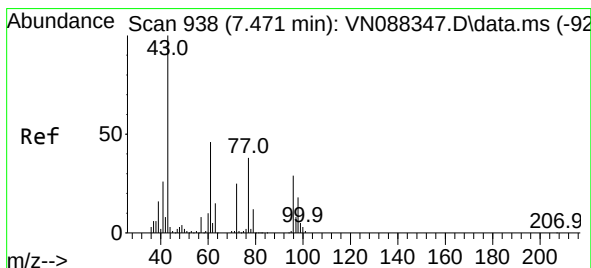
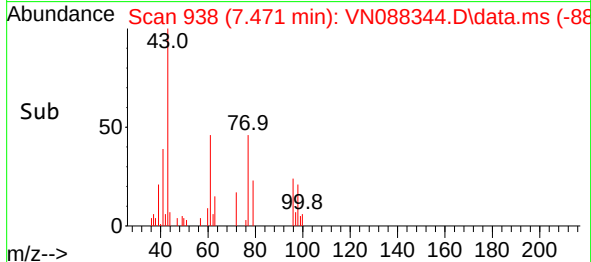
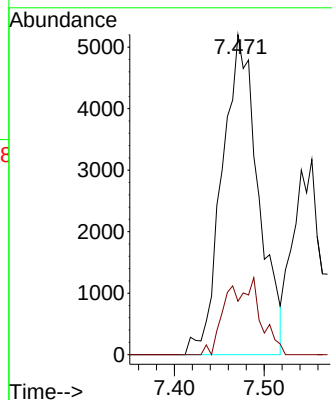
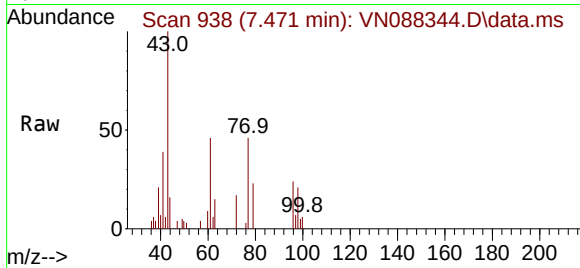




#25
2-Butanone
Concen: 4.283 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

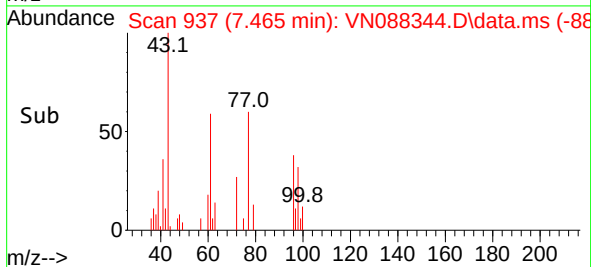
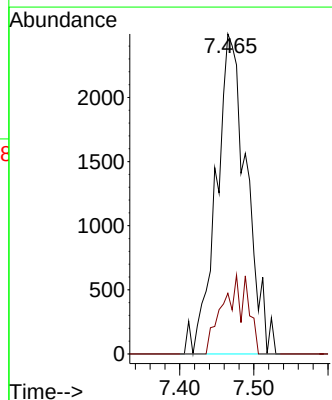
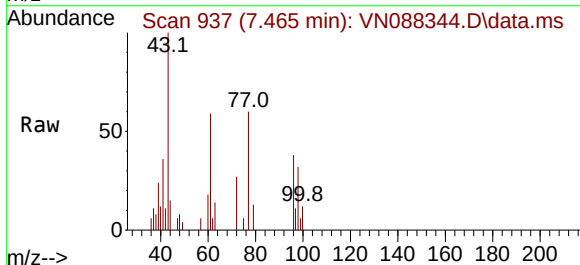
Instrument :
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ClientSampleId :
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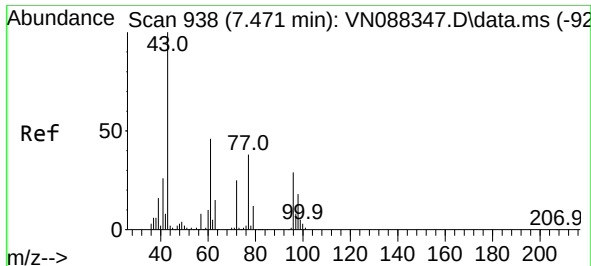
Tgt Ion: 43 Resp: 14574
Ion Ratio Lower Upper
43 100
72 16.7 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.026 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 77 Resp: 7127
Ion Ratio Lower Upper
77 100
97 9.8 10.3 30.9#

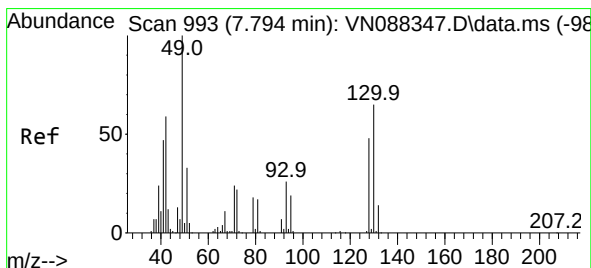
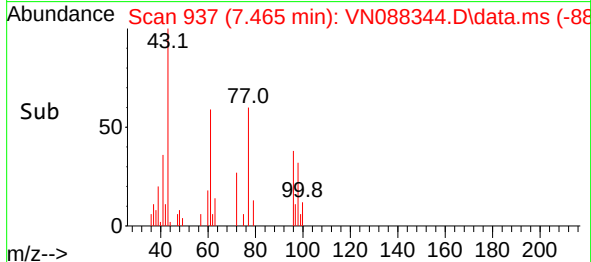
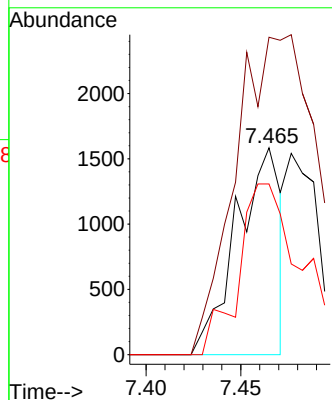
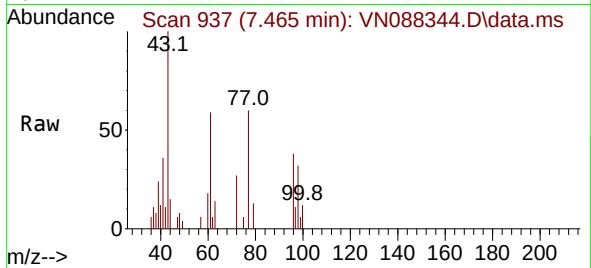




#27
cis-1,2-Dichloroethene
Concen: 0.541 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

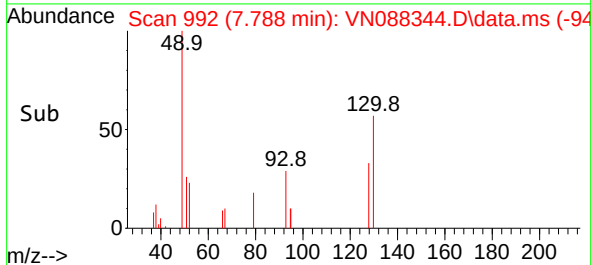
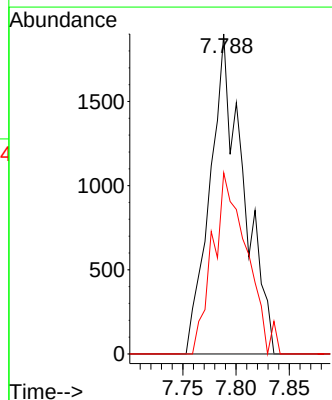
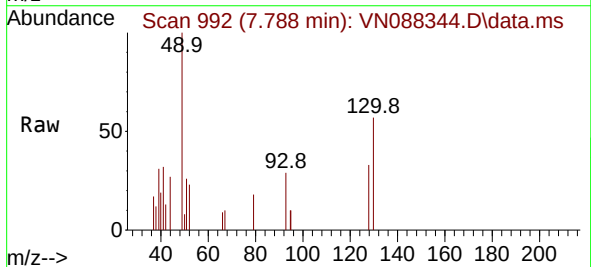
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

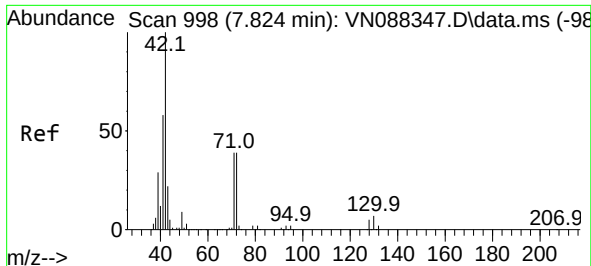
Tgt Ion: 96 Resp: 2565
Ion Ratio Lower Upper
96 100
61 288.3 0.0 323.6
98 121.6 0.0 127.2



#28
Bromochloromethane
Concen: 1.149 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 49 Resp: 4148
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 57.6 51.1 76.7





#29

Tetrahydrofuran

Concen: 4.482 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

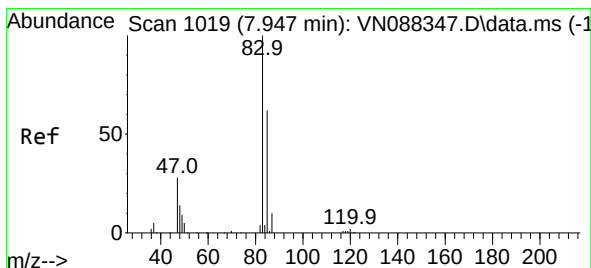
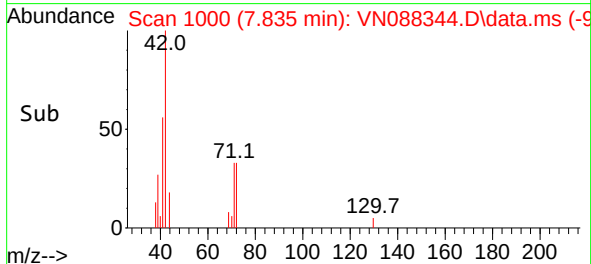
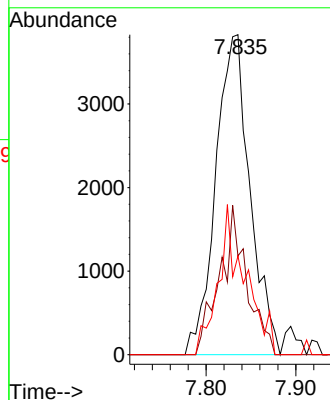
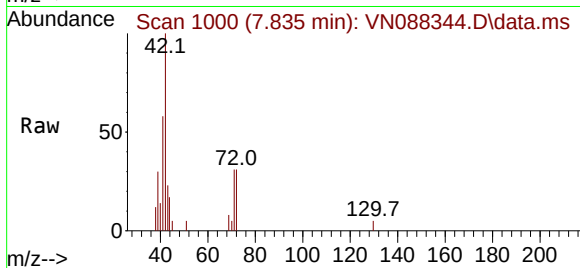
Tgt Ion: 42 Resp: 10143

Ion Ratio Lower Upper

42 100

72 37.0 32.2 48.4

71 36.7 31.1 46.7



#30

Chloroform

Concen: 1.027 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088344.D

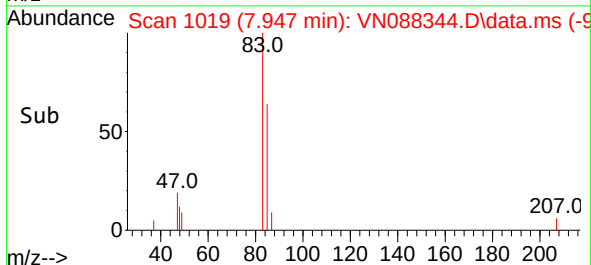
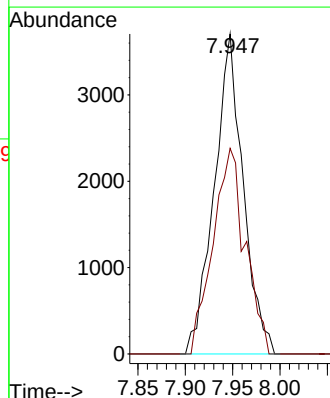
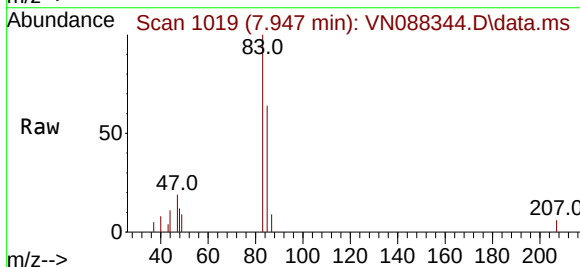
Acq: 24 Nov 2025 12:38

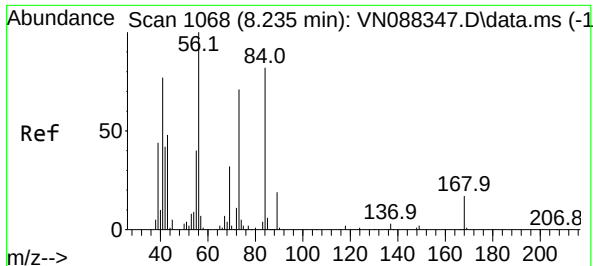
Tgt Ion: 83 Resp: 7885

Ion Ratio Lower Upper

83 100

85 64.2 49.8 74.8

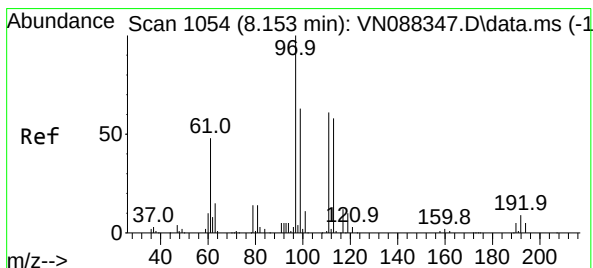
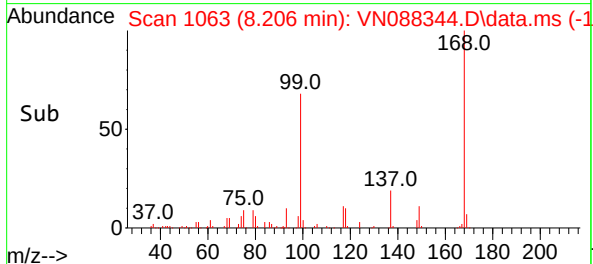
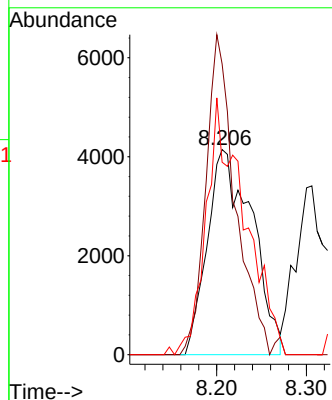
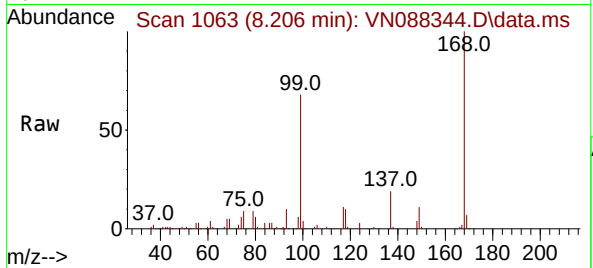




#31
Cyclohexane
Concen: 2.014 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

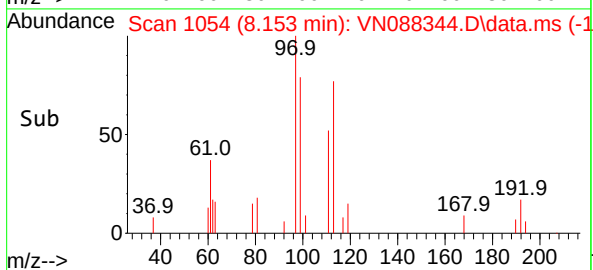
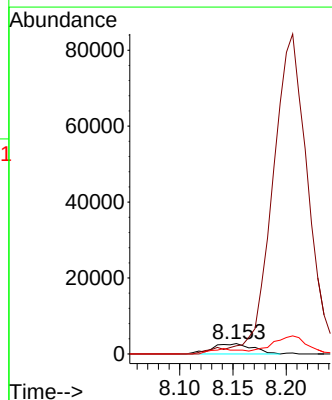
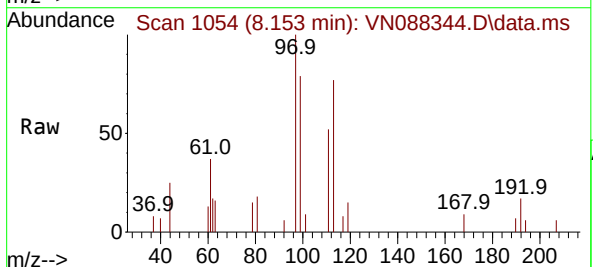
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

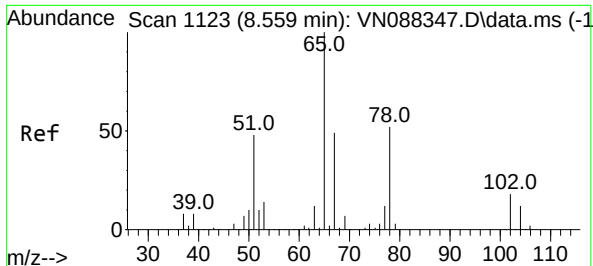
Tgt Ion: 56 Resp: 14344
Ion Ratio Lower Upper
56 100
69 141.8 25.3 37.9#
84 89.5 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 1.055 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 97 Resp: 7143
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 38.3 42.2 63.2#





#33

1,2-Dichloroethane-d4

Concen: 1.232 ug/l

RT: 8.553 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

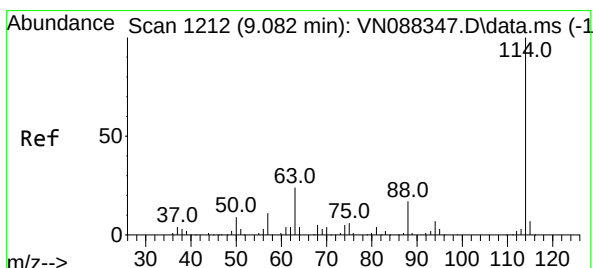
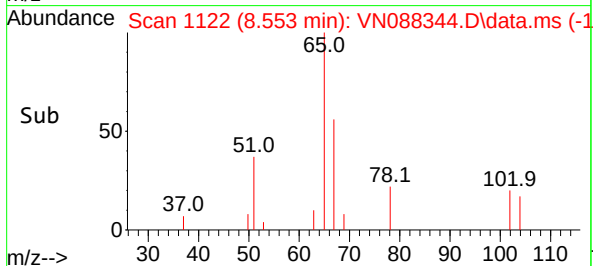
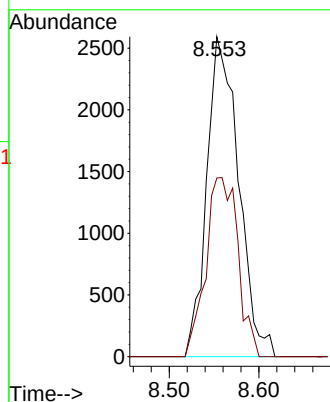
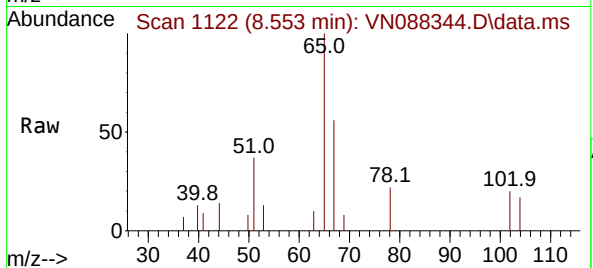
VSTDIC001

Tgt Ion: 65 Resp: 6379

Ion Ratio Lower Upper

65 100

67 56.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

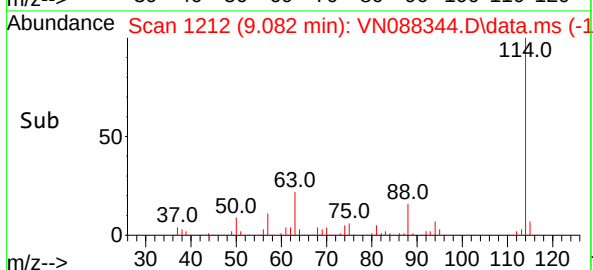
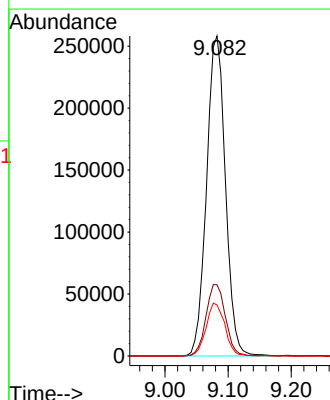
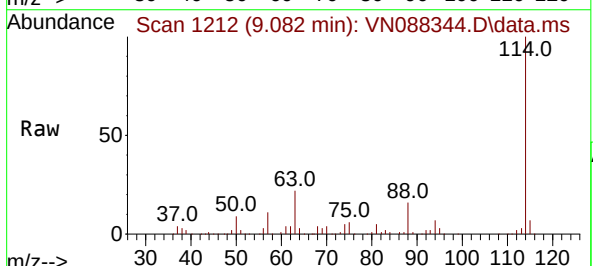
Tgt Ion: 114 Resp: 535294

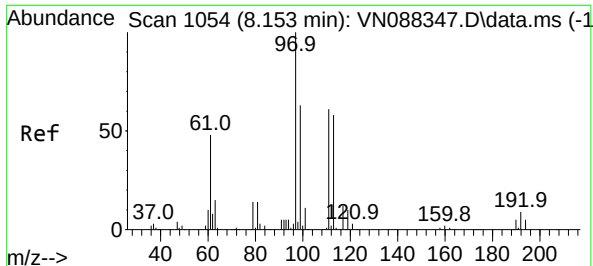
Ion Ratio Lower Upper

114 100

63 22.3 0.0 49.0

88 15.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 1.197 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

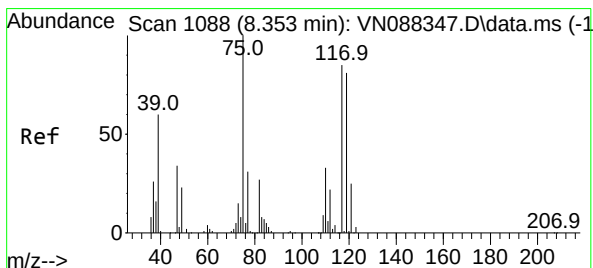
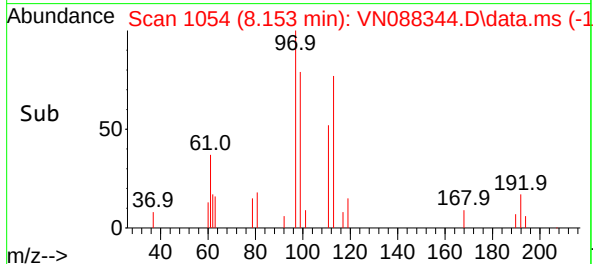
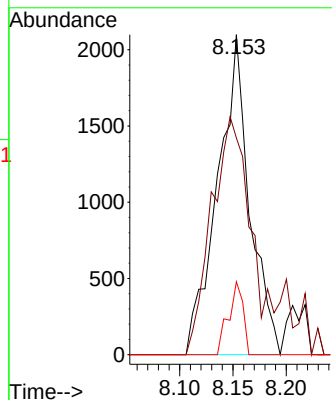
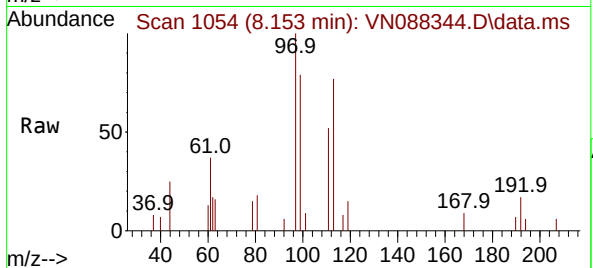
Tgt Ion:113 Resp: 4392

Ion Ratio Lower Upper

113 100

111 91.5 82.5 123.7

192 10.4 12.8 19.2#



#36

1,1-Dichloropropene

Concen: 1.203 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.012 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

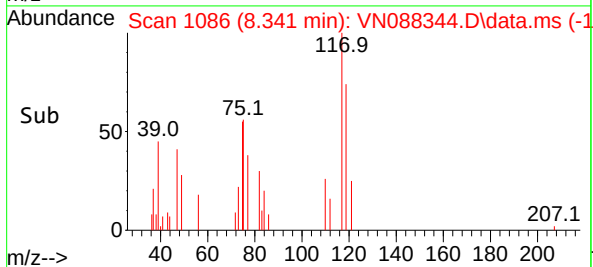
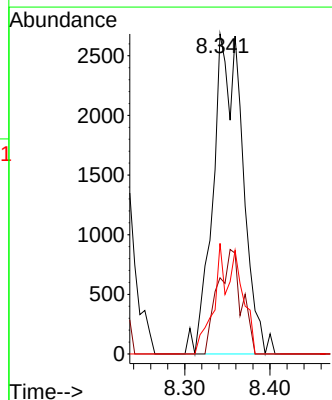
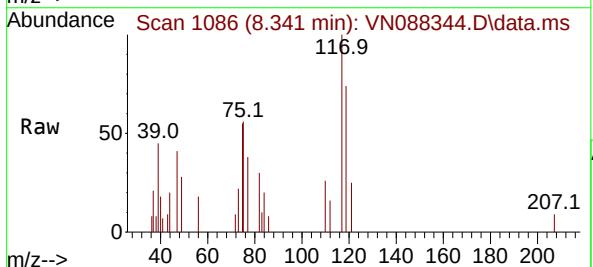
Tgt Ion: 75 Resp: 6499

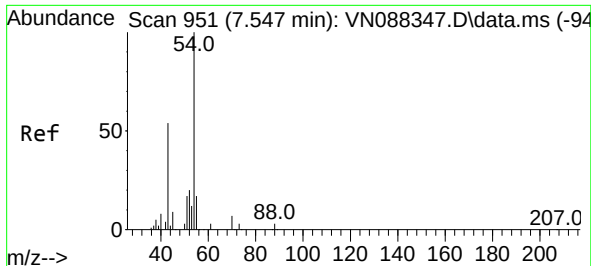
Ion Ratio Lower Upper

75 100

110 26.2 15.8 47.4

77 13.5 24.2 36.2#

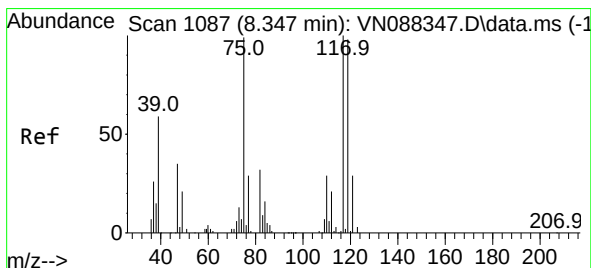
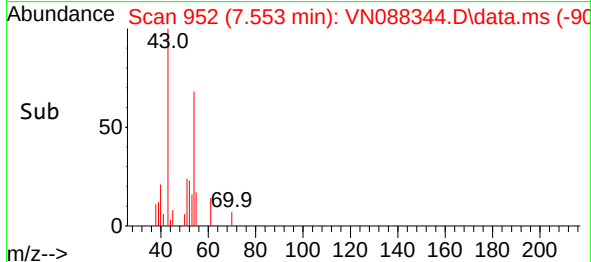
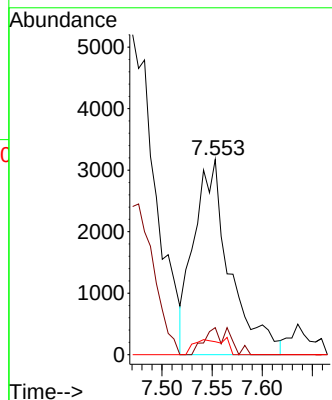
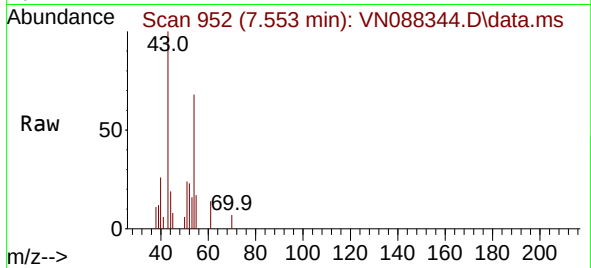




#37
Ethyl Acetate
Concen: 1.095 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

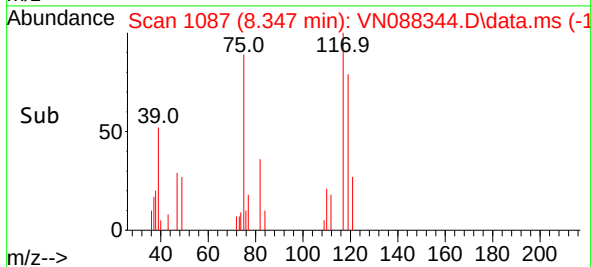
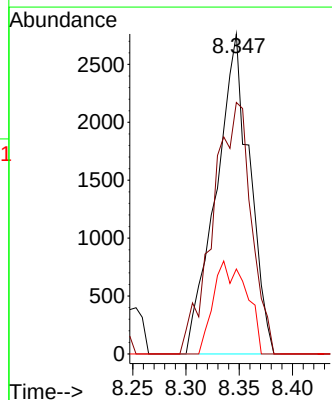
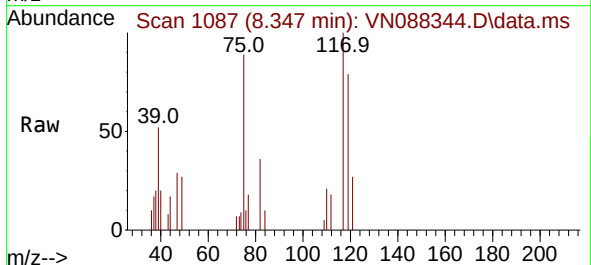
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

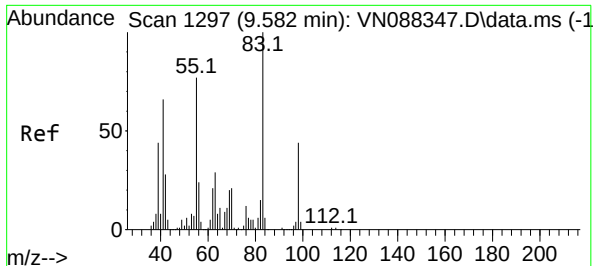
Tgt Ion: 43 Resp: 7870
Ion Ratio Lower Upper
43 100
61 9.7 9.5 14.3
70 6.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 1.085 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 117 Resp: 6045
Ion Ratio Lower Upper
117 100
119 78.6 78.2 117.4
121 26.6 23.4 35.2





#39

Methylcyclohexane

Concen: 0.846 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

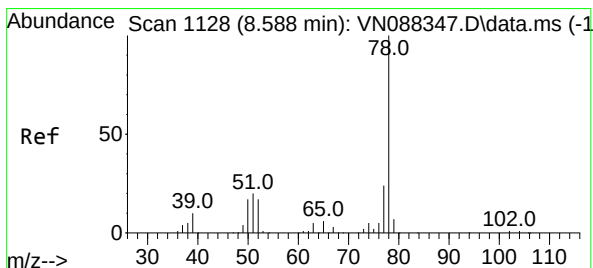
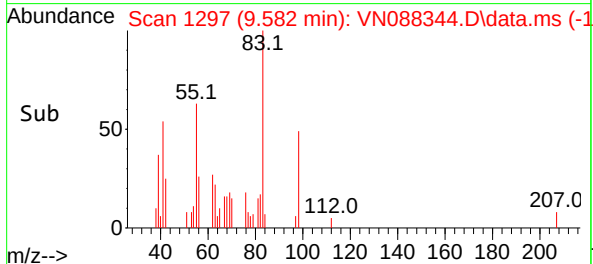
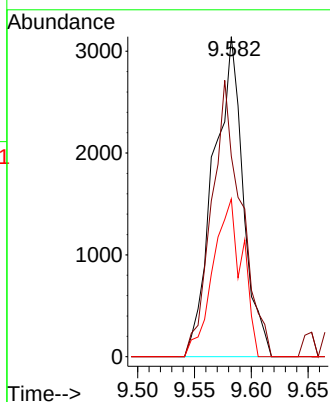
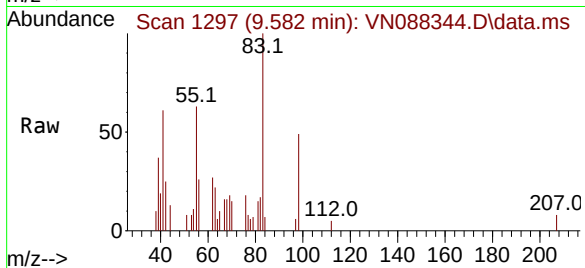
Tgt Ion: 83 Resp: 5715

Ion Ratio Lower Upper

83 100

55 62.7 61.6 92.4

98 49.3 35.3 52.9



#40

Benzene

Concen: 1.069 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088344.D

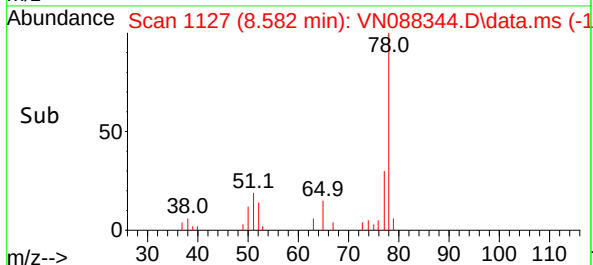
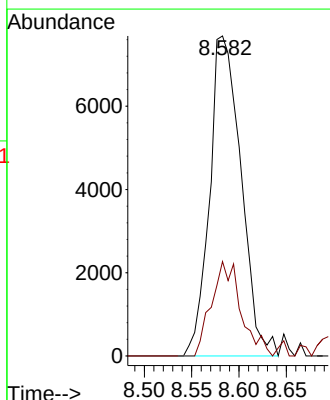
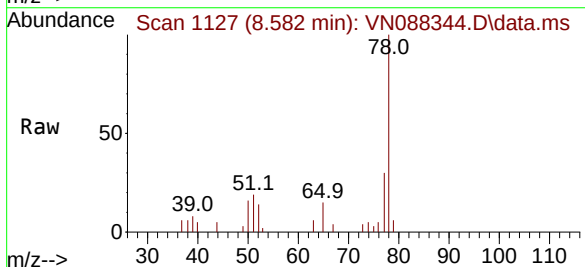
Acq: 24 Nov 2025 12:38

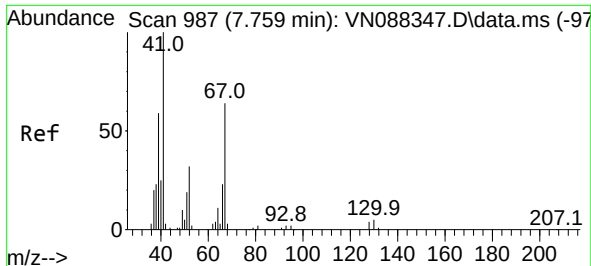
Tgt Ion: 78 Resp: 17750

Ion Ratio Lower Upper

78 100

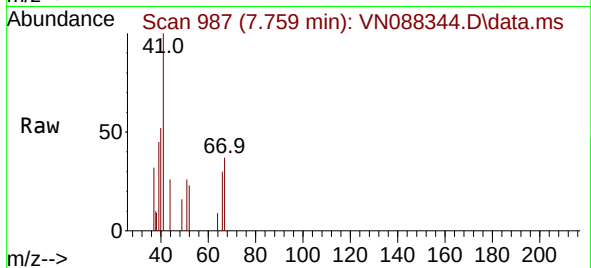
77 29.5 19.0 28.4#



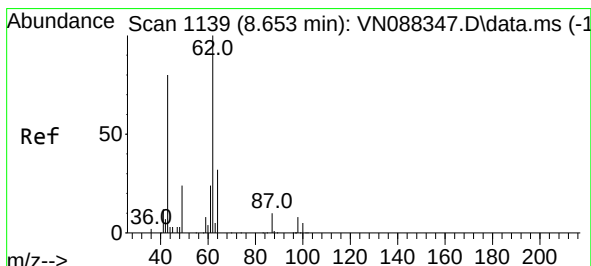
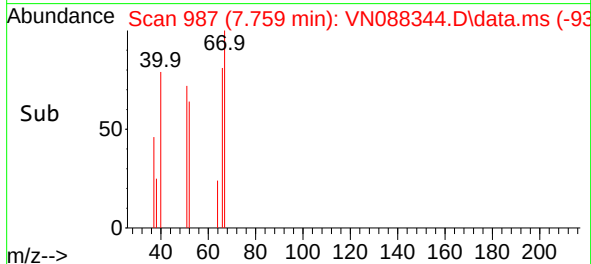
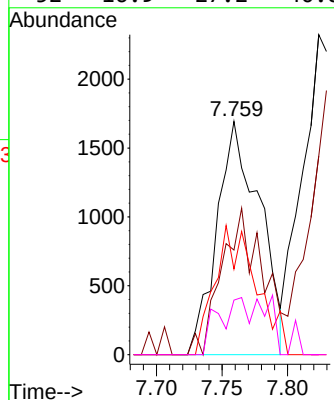


#41
Methacrylonitrile
Concen: 1.037 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

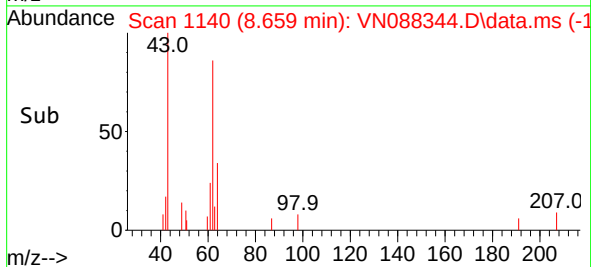
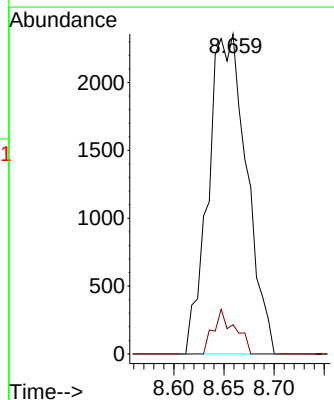
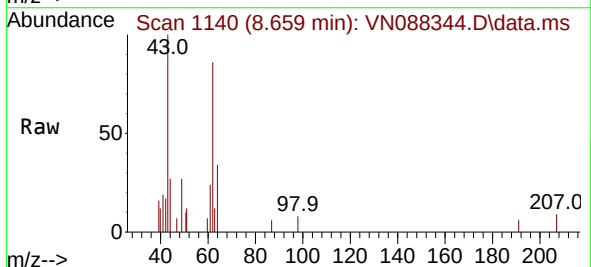


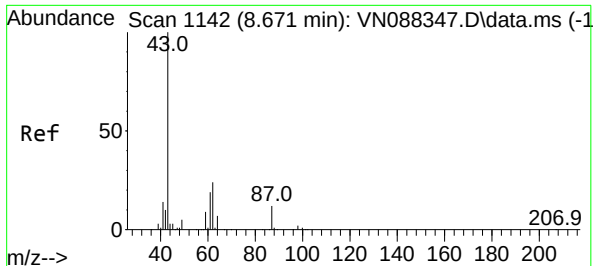
Tgt Ion:	41	Resp:	3857
Ion	Ratio	Lower	Upper
41	100		
39	62.2	46.3	69.5
67	52.9	54.7	82.1#
52	16.9	27.2	40.8#



#42
1,2-Dichloroethane
Concen: 1.039 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:	62	Resp:	6237
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 1.073 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

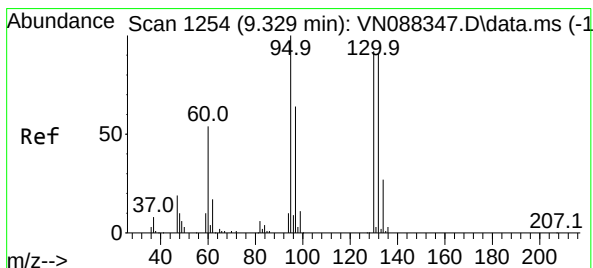
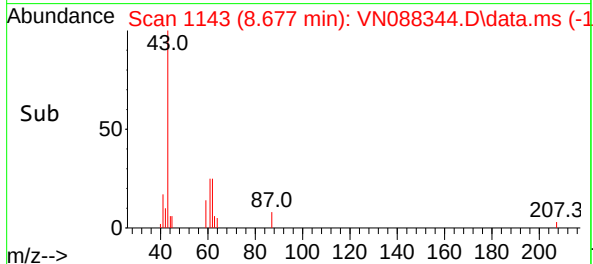
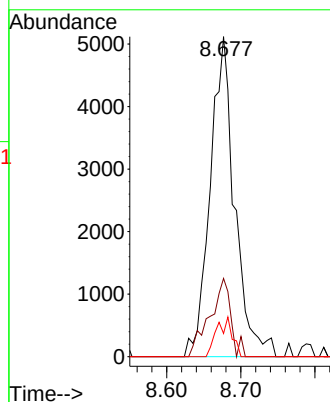
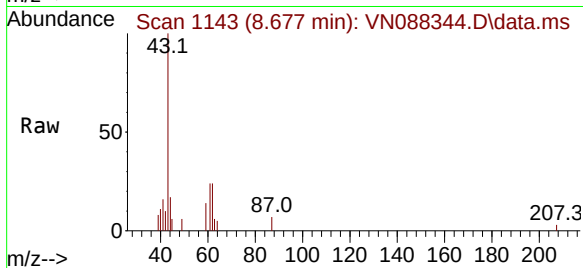
Tgt Ion: 43 Resp: 11759

Ion Ratio Lower Upper

43 100

61 20.9 18.7 28.1

87 7.9 9.1 13.7#



#44

Trichloroethene

Concen: 1.057 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088344.D

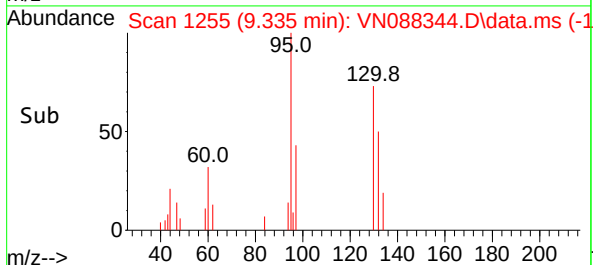
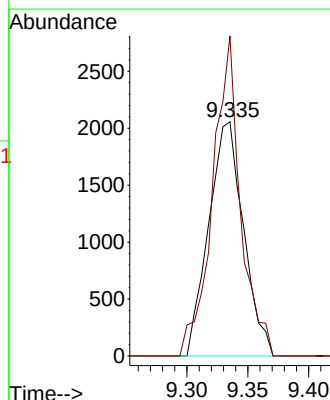
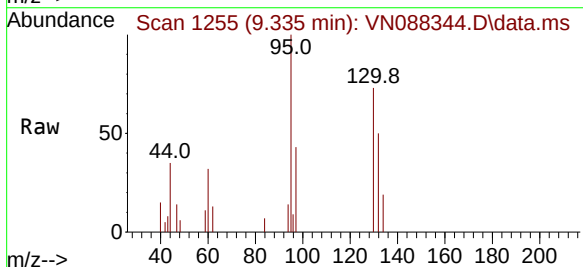
Acq: 24 Nov 2025 12:38

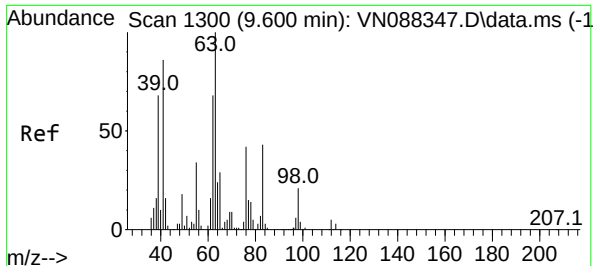
Tgt Ion: 130 Resp: 4088

Ion Ratio Lower Upper

130 100

95 136.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 1.082 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

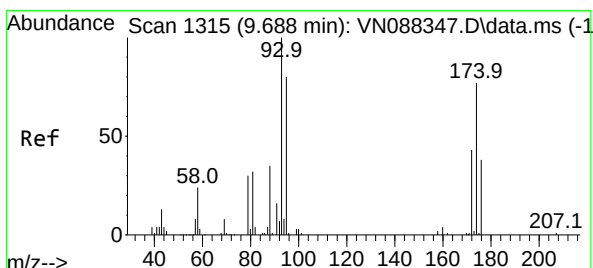
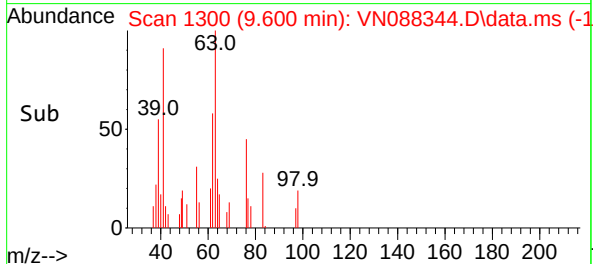
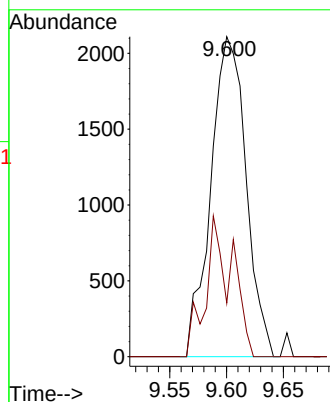
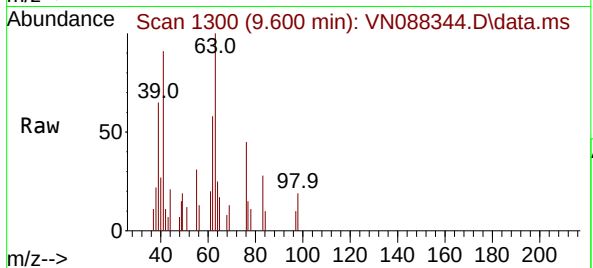
VSTDIC001

Tgt Ion: 63 Resp: 4559

Ion Ratio Lower Upper

63 100

65 16.8 23.0 34.4#



#46

Dibromomethane

Concen: 1.022 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

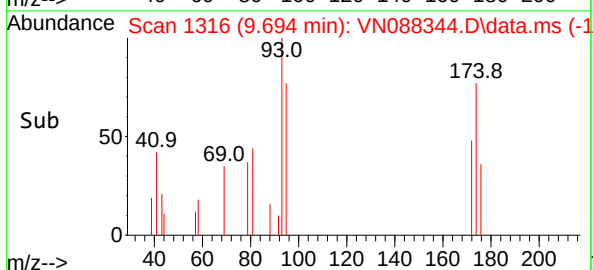
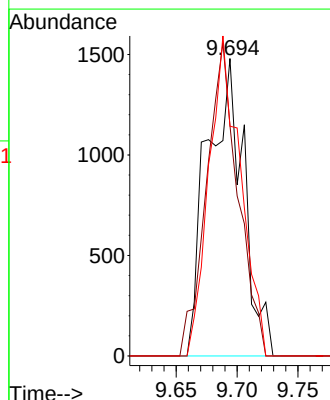
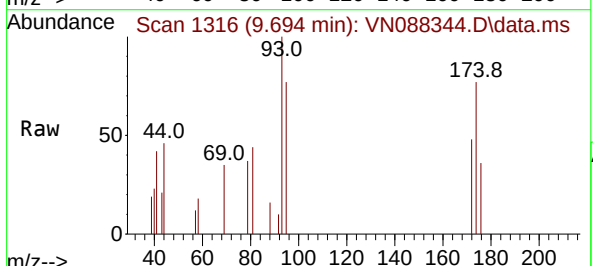
Tgt Ion: 93 Resp: 3080

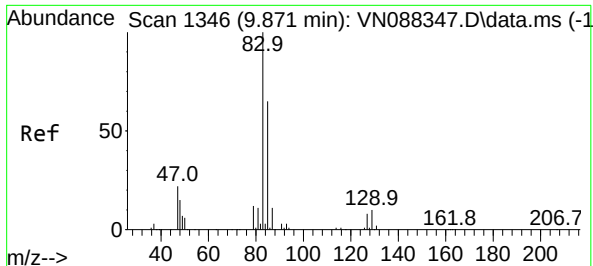
Ion Ratio Lower Upper

93 100

95 91.3 65.8 98.6

174 92.6 64.3 96.5

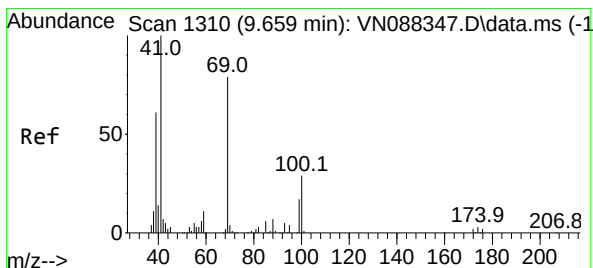
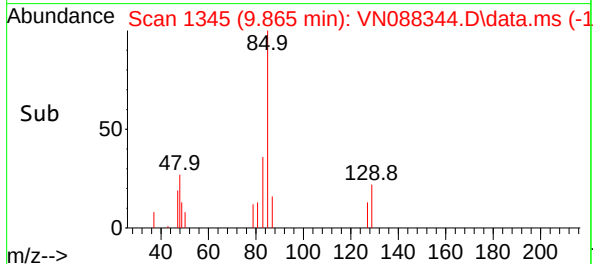
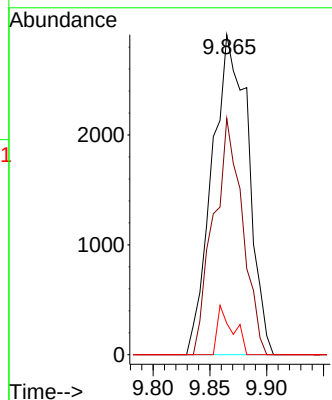
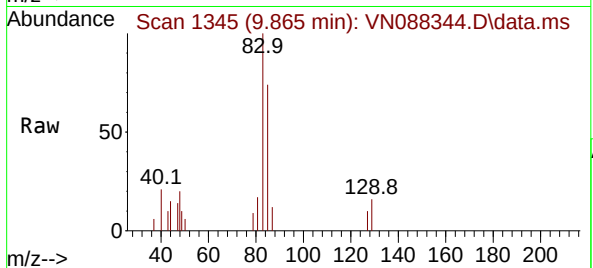




#47
Bromodichloromethane
Concen: 1.068 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

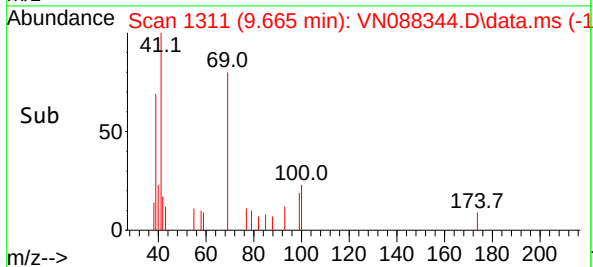
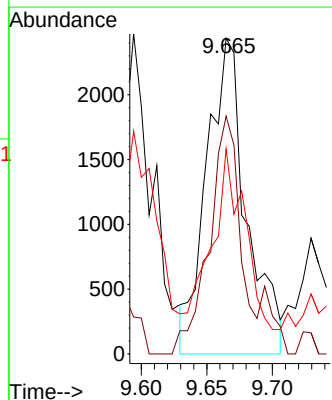
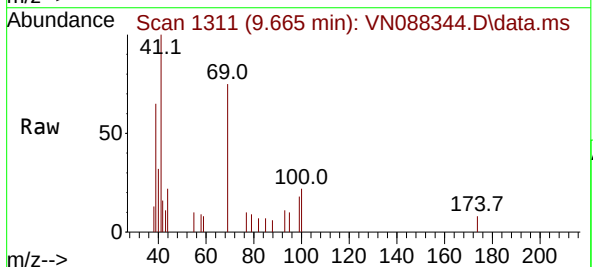
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

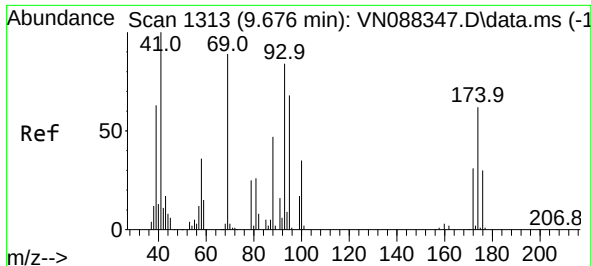
Tgt Ion: 83 Resp: 6445
Ion Ratio Lower Upper
83 100
85 73.8 51.9 77.9
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 1.017 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 41 Resp: 5144
Ion Ratio Lower Upper
41 100
69 58.5 62.4 93.6#
39 63.0 52.6 79.0





#49

1,4-Dioxane

Concen: 17.773 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

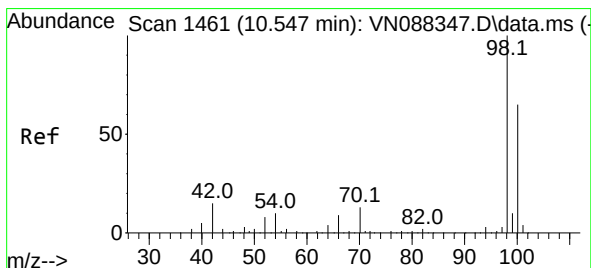
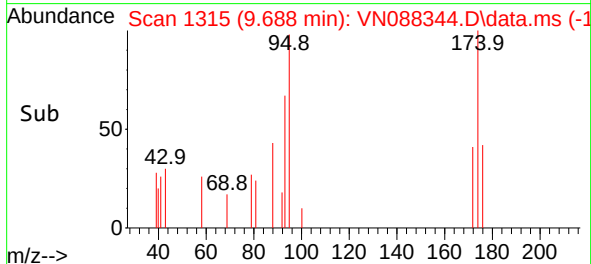
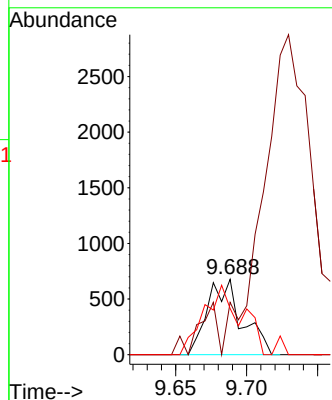
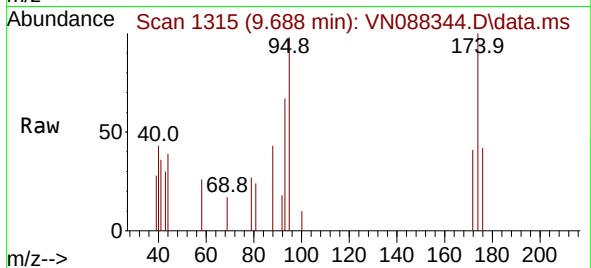
Tgt Ion: 88 Resp: 1133

Ion Ratio Lower Upper

88 100

43 37.7 0.0 0.0#

58 102.0 62.0 93.0#



#50

Toluene-d8

Concen: 0.938 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088344.D

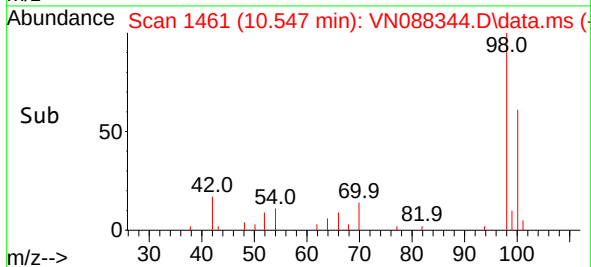
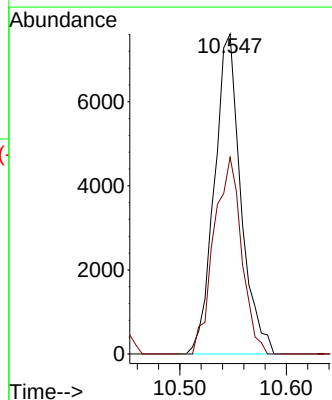
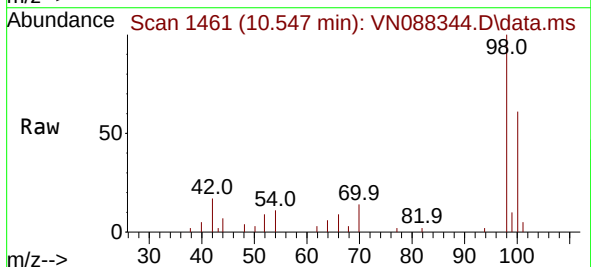
Acq: 24 Nov 2025 12:38

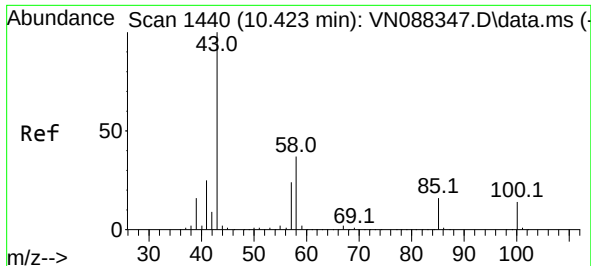
Tgt Ion: 98 Resp: 13121

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

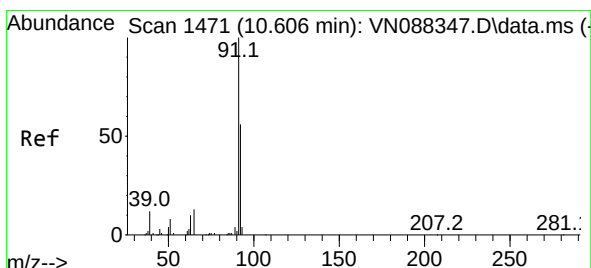
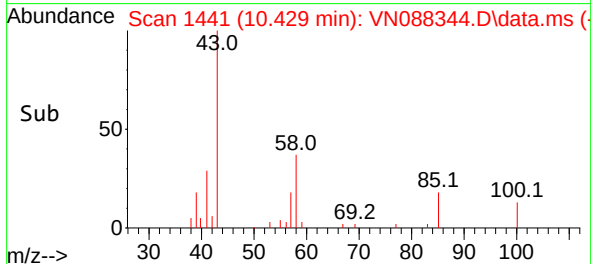
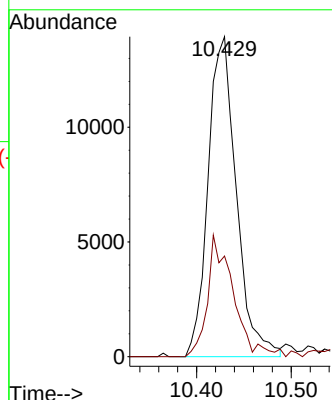
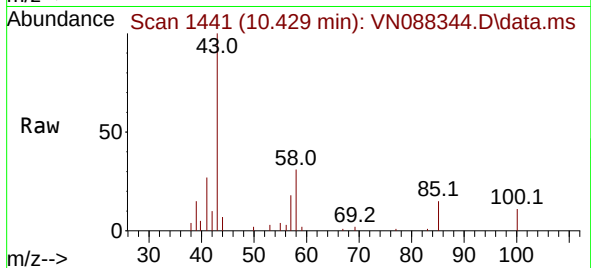




#51
4-Methyl-2-Pentanone
Concen: 4.454 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

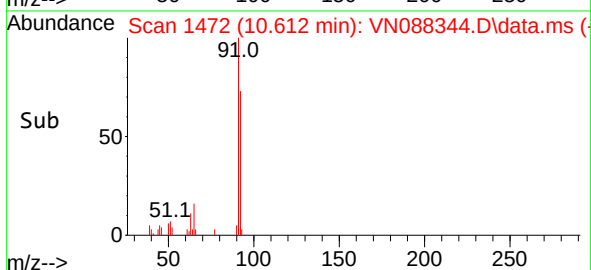
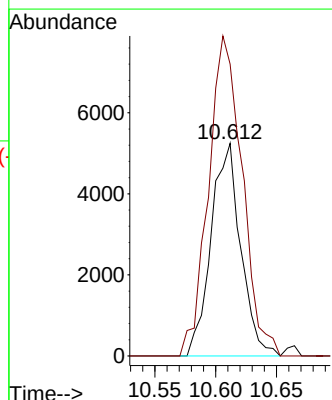
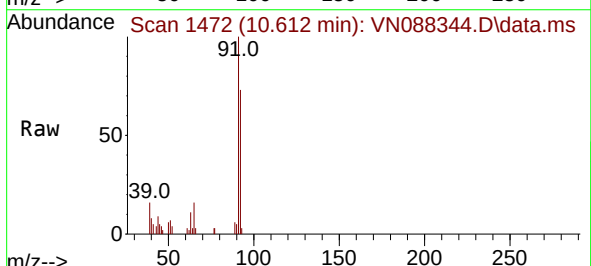
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

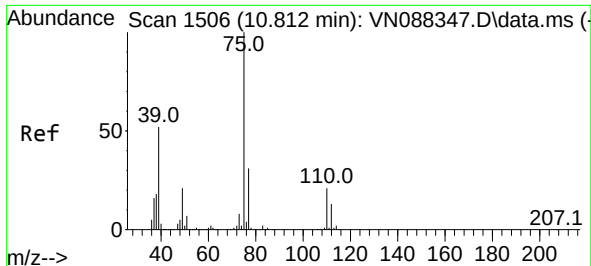
Tgt Ion: 43 Resp: 28924
Ion Ratio Lower Upper
43 100
58 34.7 29.1 43.7



#52
Toluene
Concen: 0.875 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 92 Resp: 8872
Ion Ratio Lower Upper
92 100
91 171.7 140.2 210.2

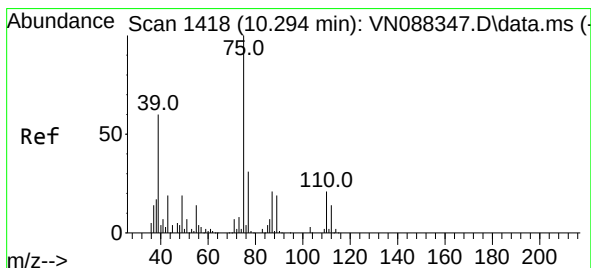
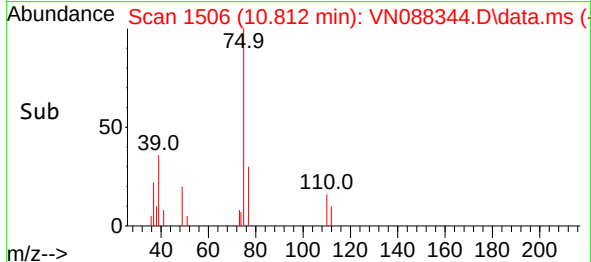
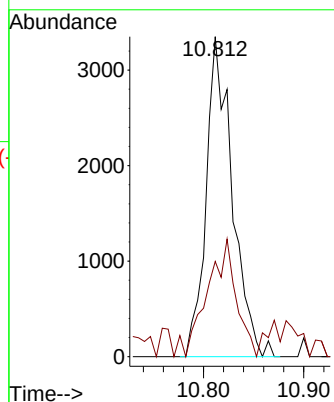
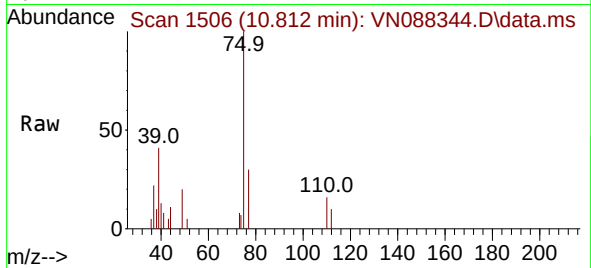




#53
 t-1,3-Dichloropropene
 Concen: 0.947 ug/l
 RT: 10.812 min Scan# 1506
 Delta R.T. 0.000 min
 Lab File: VN088344.D
 Acq: 24 Nov 2025 12:38

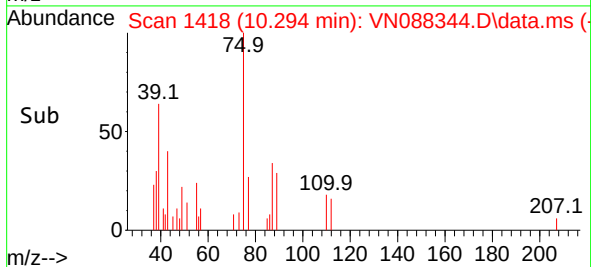
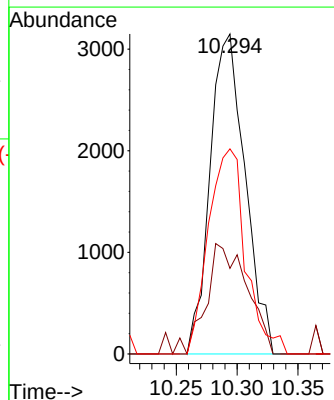
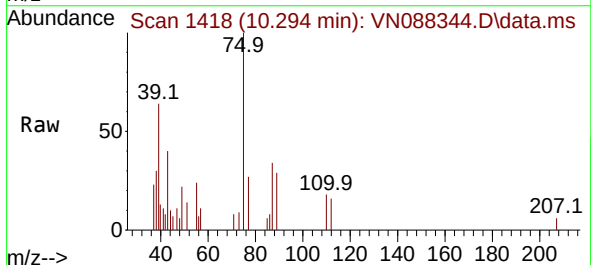
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

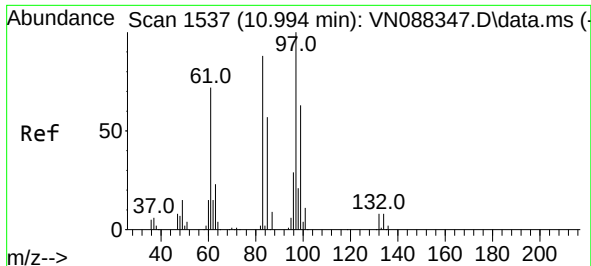
Tgt Ion: 75 Resp: 6068
 Ion Ratio Lower Upper
 75 100
 77 25.1 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 0.928 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088344.D
 Acq: 24 Nov 2025 12:38

Tgt Ion: 75 Resp: 6312
 Ion Ratio Lower Upper
 75 100
 77 26.8 24.5 36.7
 39 64.1 48.3 72.5

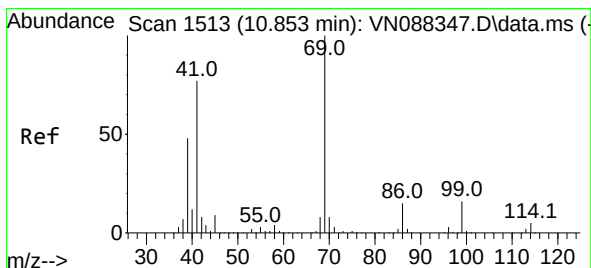
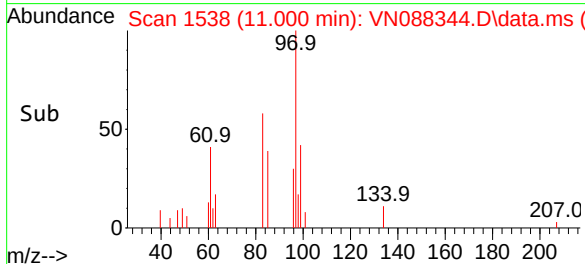
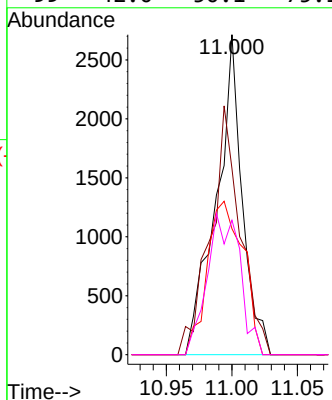
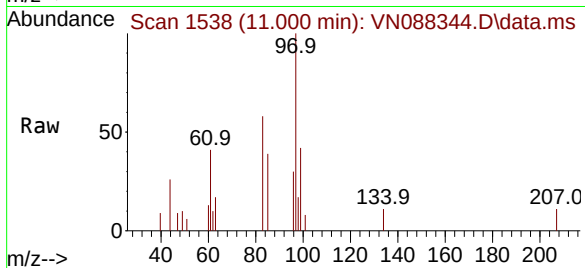




#55
1,1,2-Trichloroethane
Concen: 0.969 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

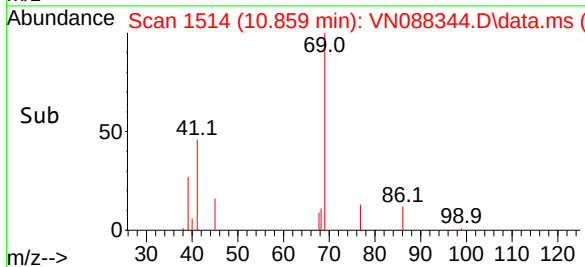
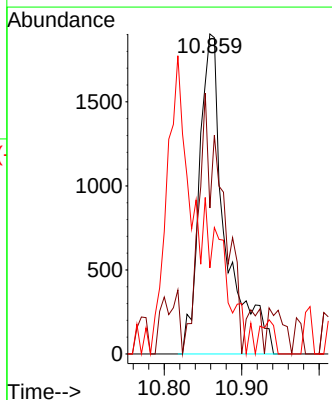
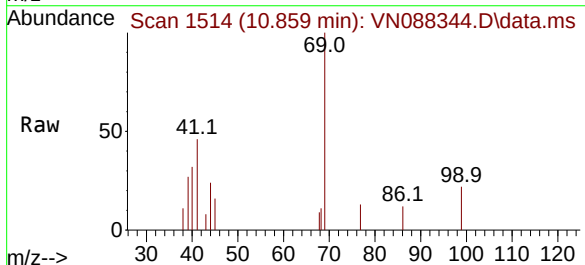
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

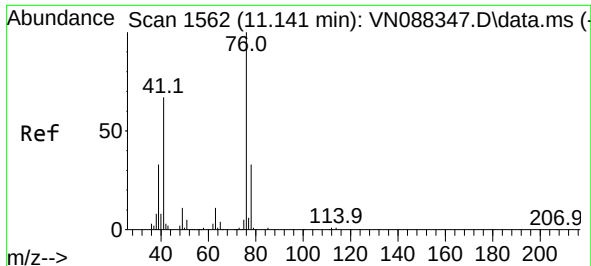
Tgt Ion:	97	Resp:	3748
Ion	Ratio	Lower	Upper
97	100		
83	58.2	70.4	105.6#
85	39.4	45.4	68.2#
99	42.0	50.1	75.1#



#56
Ethyl methacrylate
Concen: 0.723 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:	69	Resp:	4463
Ion	Ratio	Lower	Upper
69	100		
41	76.9	59.6	89.4
39	0.0	36.4	54.6#





#57

1,3-Dichloropropane

Concen: 0.952 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

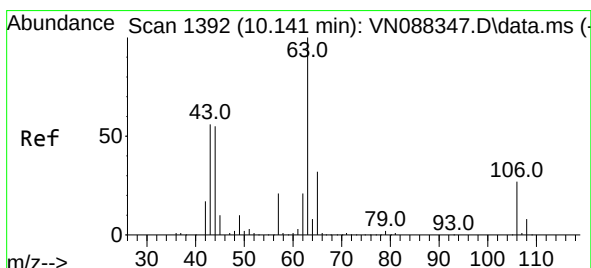
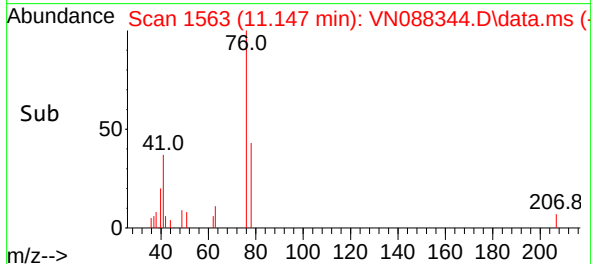
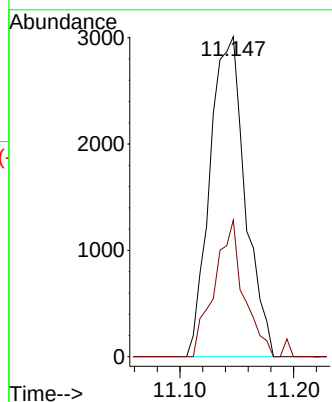
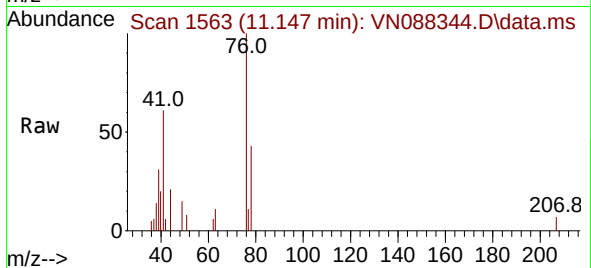
VSTDICC001

Tgt Ion: 76 Resp: 6496

Ion Ratio Lower Upper

76 100

78 35.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 4.190 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088344.D

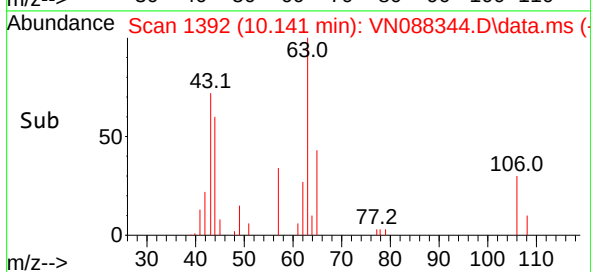
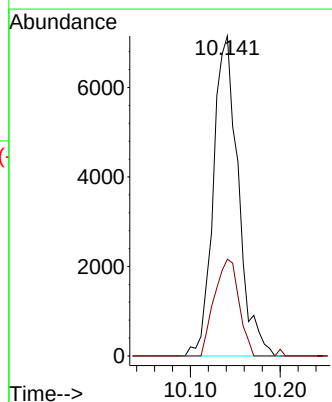
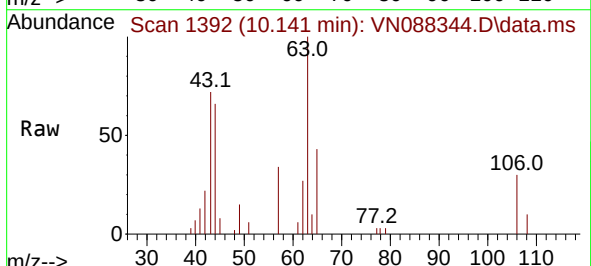
Acq: 24 Nov 2025 12:38

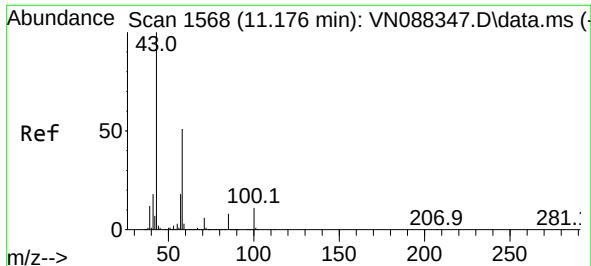
Tgt Ion: 63 Resp: 13790

Ion Ratio Lower Upper

63 100

106 29.8 20.5 30.7

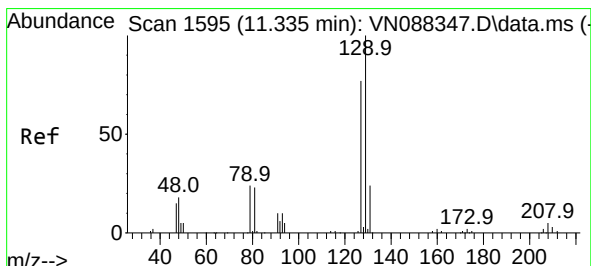
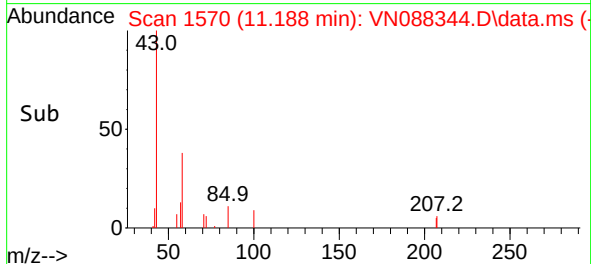
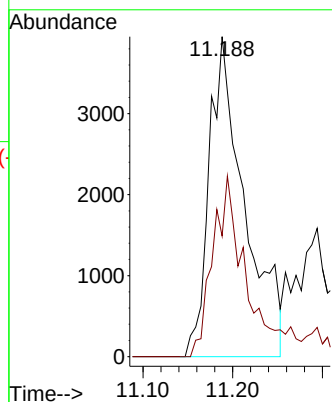
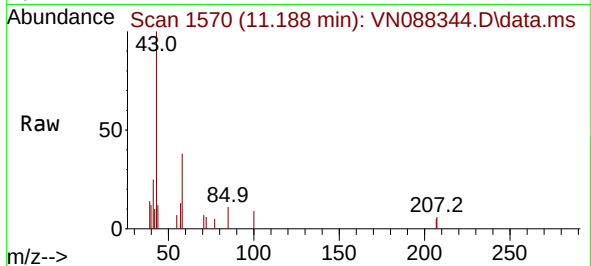




#59
2-Hexanone
Concen: 2.540 ug/l
RT: 11.188 min Scan# 1568
Delta R.T. 0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

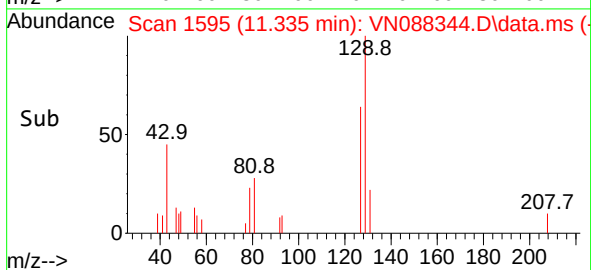
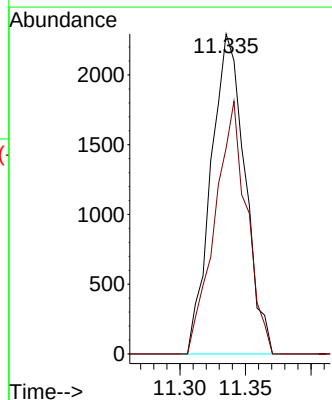
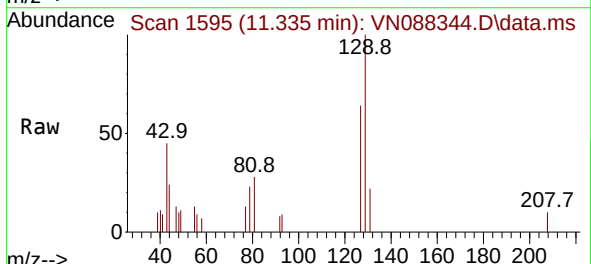
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

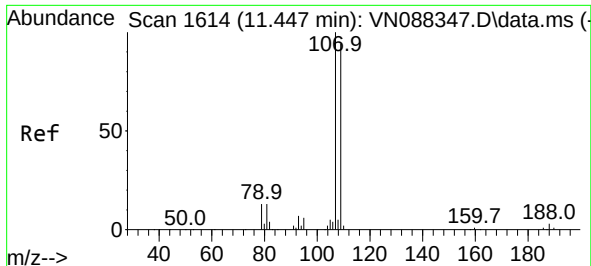
Tgt Ion: 43 Resp: 10850
Ion Ratio Lower Upper
43 100
58 53.5 25.3 75.9



#60
Dibromochloromethane
Concen: 0.936 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 129 Resp: 4116
Ion Ratio Lower Upper
129 100
127 74.5 38.2 114.6

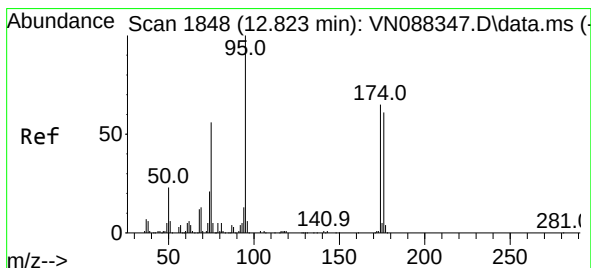
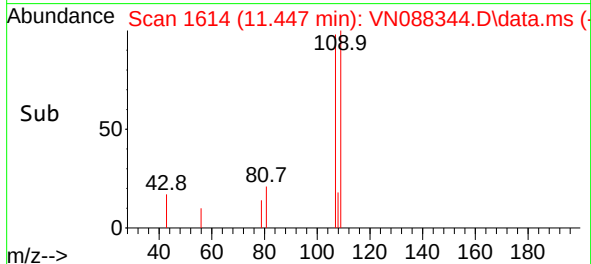
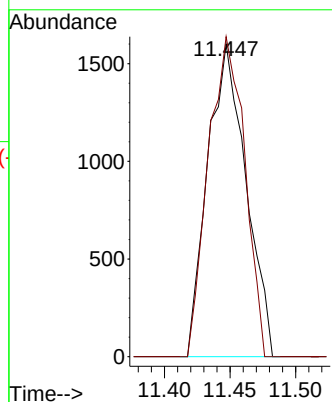
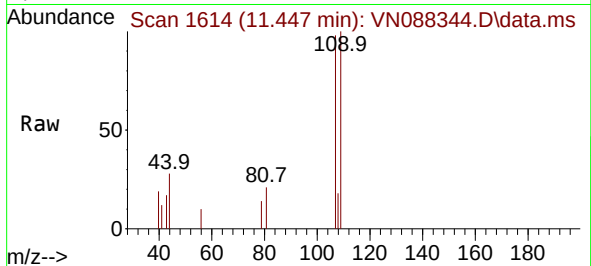




#61
1,2-Dibromoethane
Concen: 0.814 ug/l
RT: 11.447 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

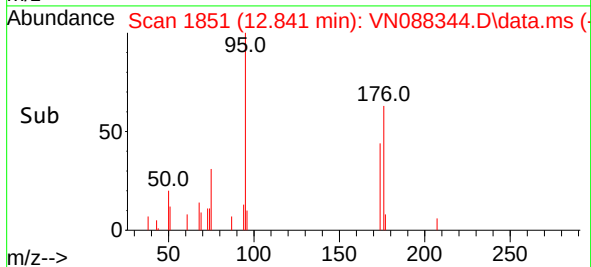
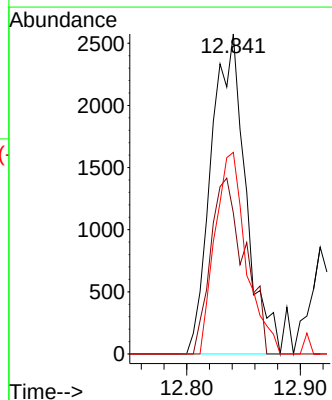
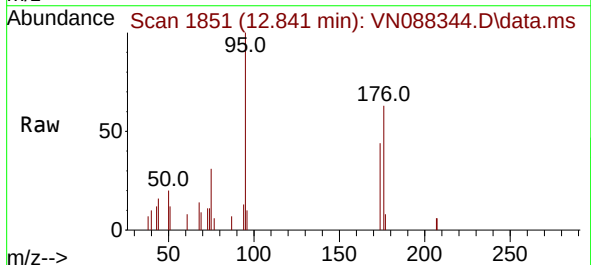
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

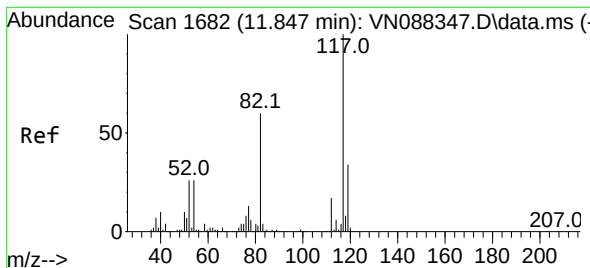
Tgt Ion:107 Resp: 3251
Ion Ratio Lower Upper
107 100
109 97.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 1.106 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.018 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 95 Resp: 5433
Ion Ratio Lower Upper
95 100
174 54.5 0.0 139.0
176 57.0 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

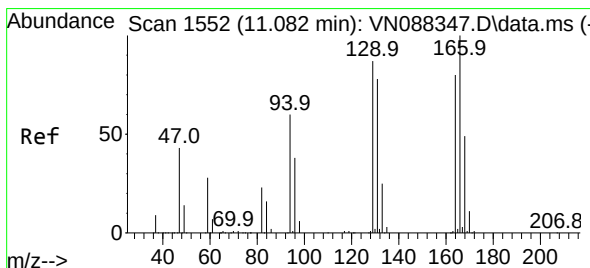
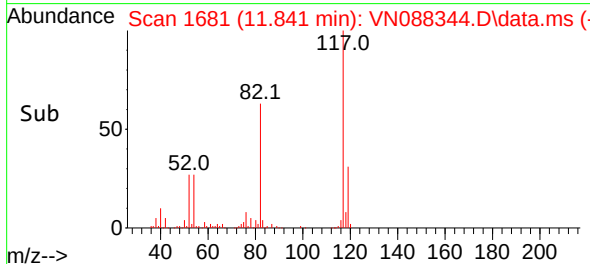
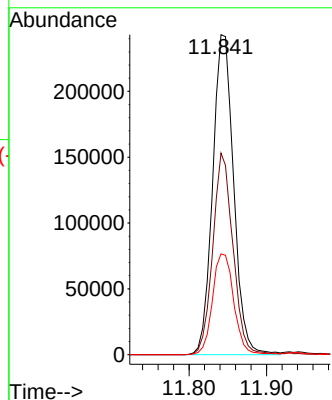
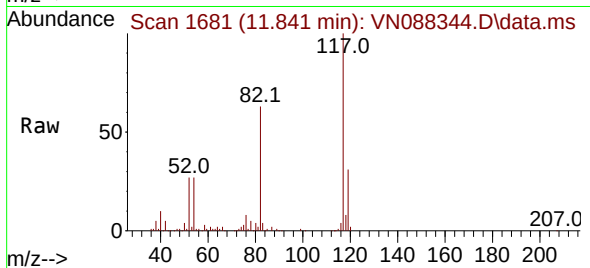
Tgt Ion:117 Resp: 458943

Ion Ratio Lower Upper

117 100

82 63.0 47.8 71.8

119 31.5 26.9 40.3



#64

Tetrachloroethene

Concen: 1.220 ug/l

RT: 11.076 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Tgt Ion:164 Resp: 3914

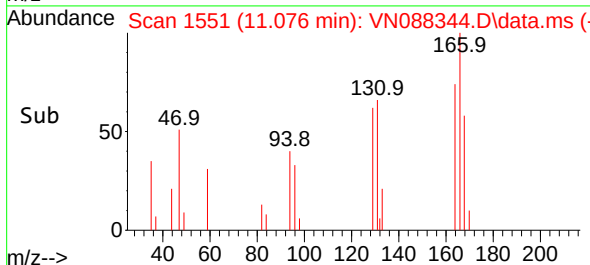
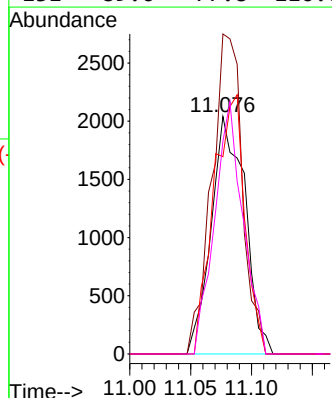
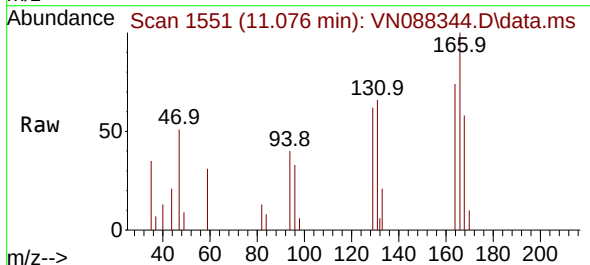
Ion Ratio Lower Upper

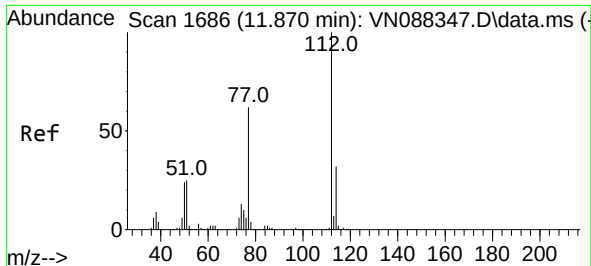
164 100

166 134.8 99.6 149.4

129 83.1 86.6 129.8#

131 89.6 77.8 116.6

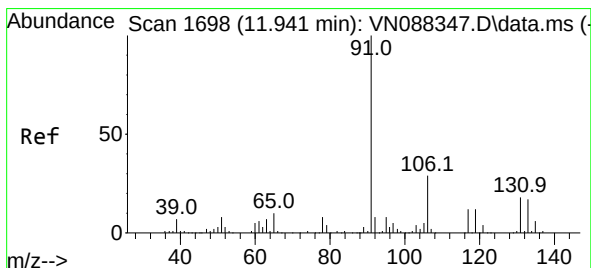
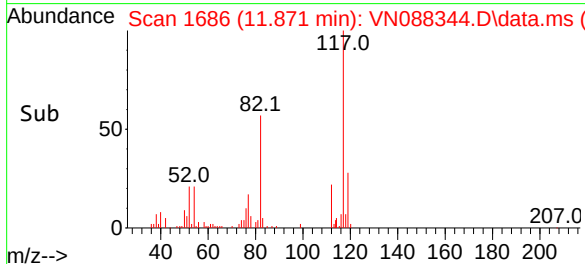
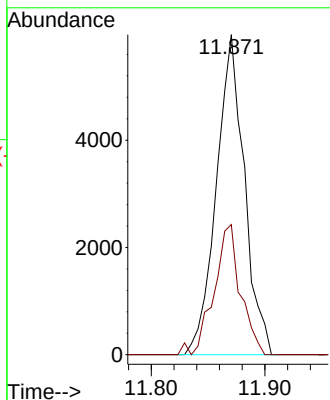
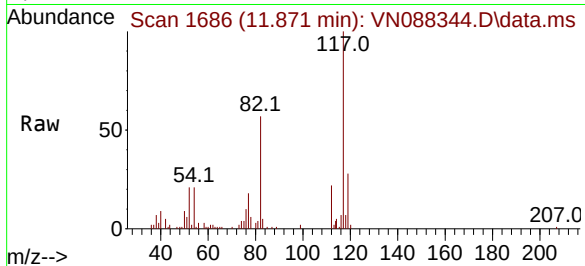




#65
Chlorobenzene
Concen: 0.958 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

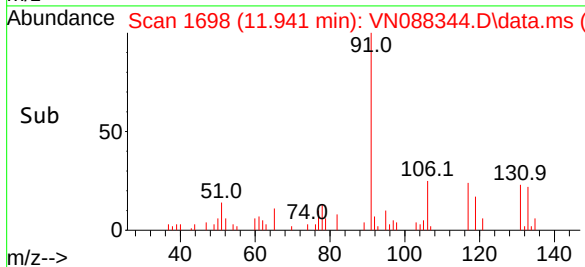
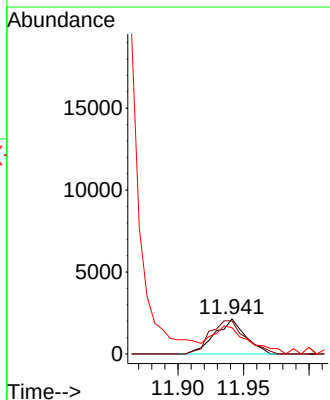
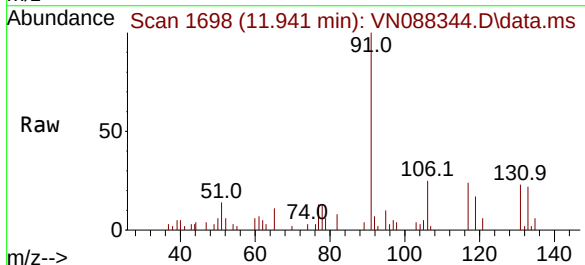
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

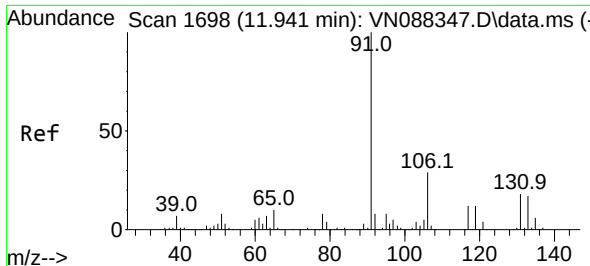
Tgt Ion:112 Resp: 10226
Ion Ratio Lower Upper
112 100
114 40.7 25.4 38.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.985 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:131 Resp: 3473
Ion Ratio Lower Upper
131 100
133 109.5 47.4 142.2
119 0.0 33.4 100.1#

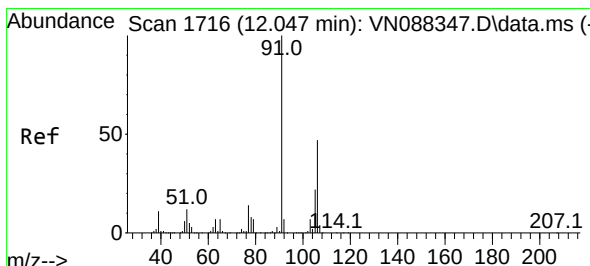
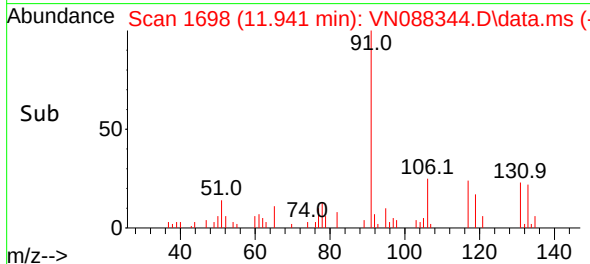
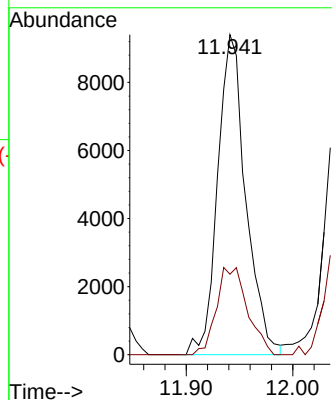
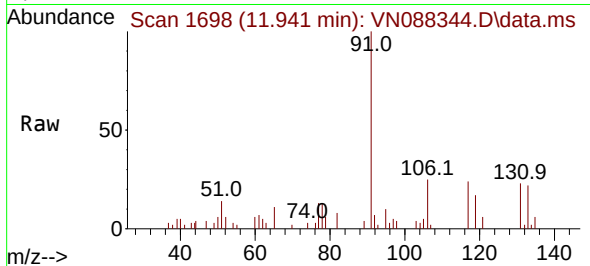




#67
Ethyl Benzene
Concen: 0.922 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

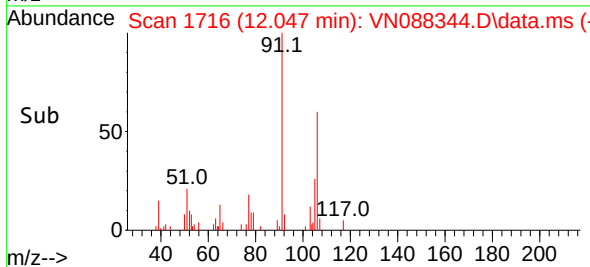
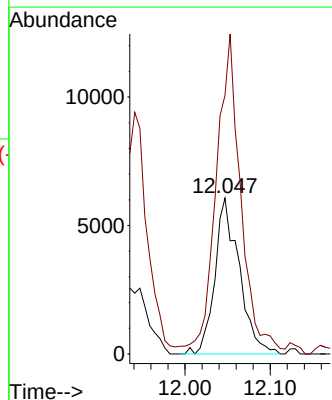
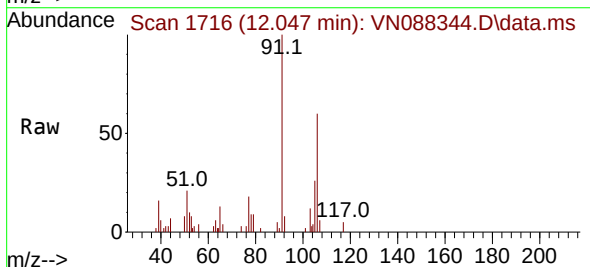
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

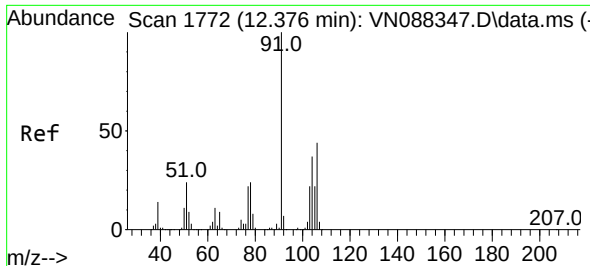
Tgt Ion: 91 Resp: 17267
Ion Ratio Lower Upper
91 100
106 25.2 23.6 35.4



#68
m/p-Xylenes
Concen: 1.724 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 106 Resp: 12077
Ion Ratio Lower Upper
106 100
91 207.8 167.8 251.6

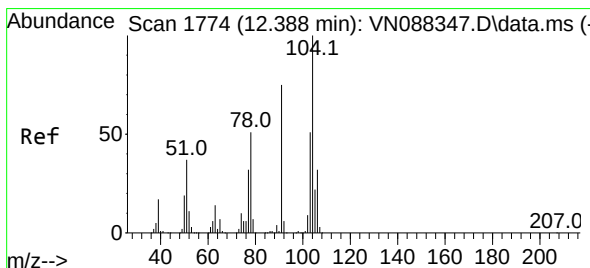
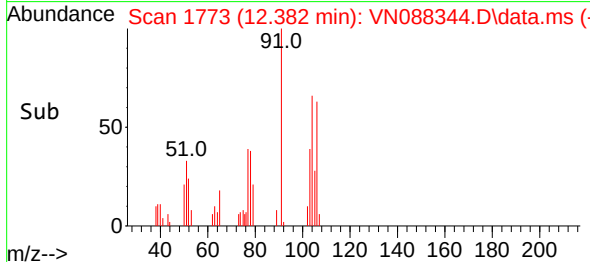
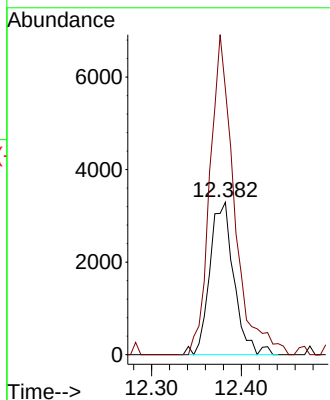
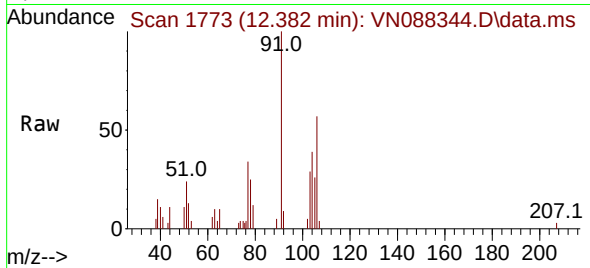




#69
o-Xylene
Concen: 0.927 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

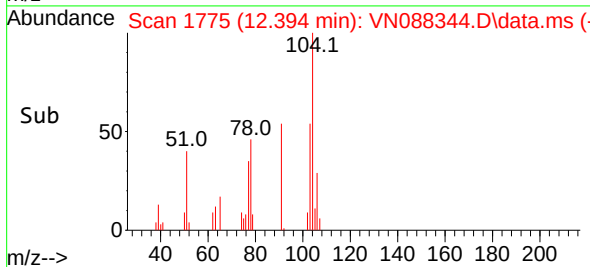
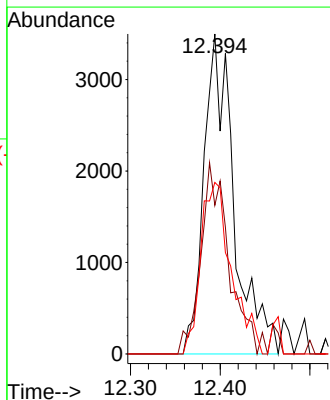
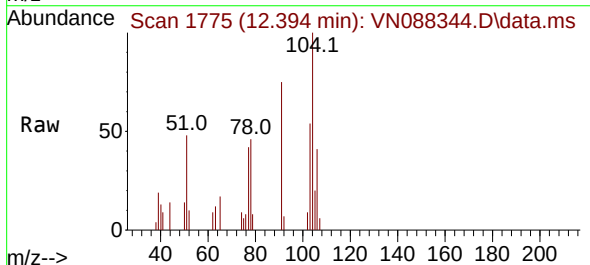
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

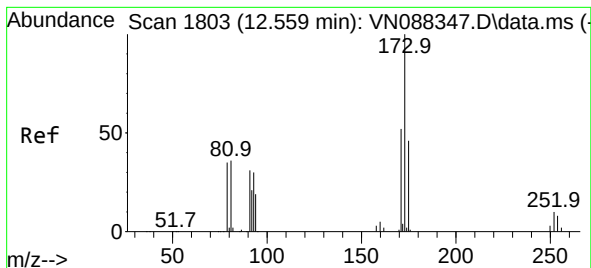
Tgt Ion:106 Resp: 6153
Ion Ratio Lower Upper
106 100
91 211.7 112.9 338.7



#70
Styrene
Concen: 0.747 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:104 Resp: 8118
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 54.9 44.2 66.4





#71

Bromoform

Concen: 0.782 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

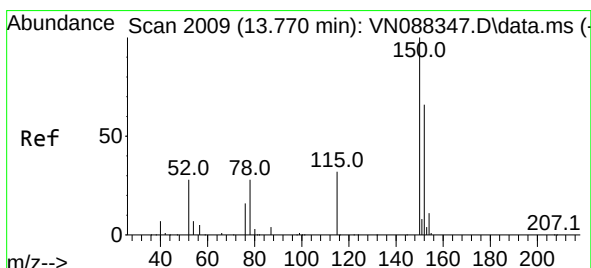
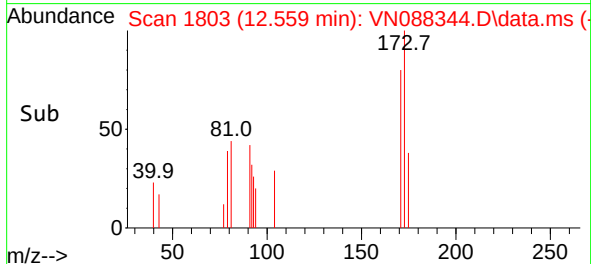
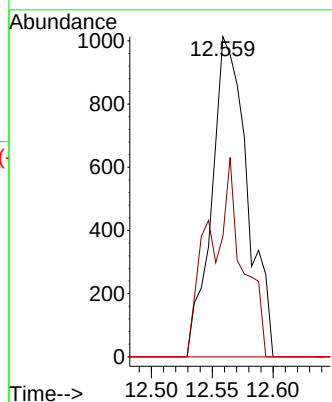
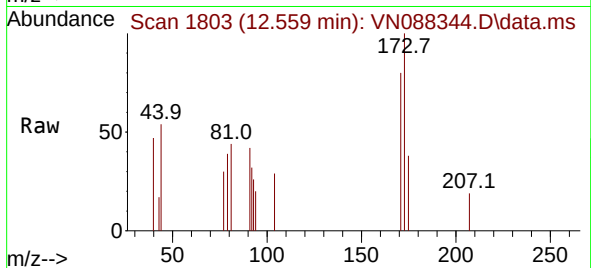
Tgt Ion:173 Resp: 2054

Ion Ratio Lower Upper

173 100

175 35.5 23.9 71.8

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. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

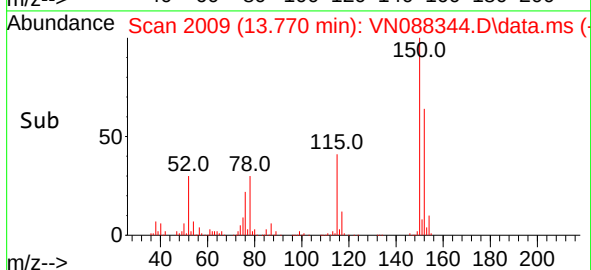
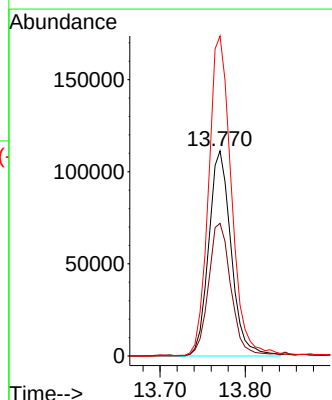
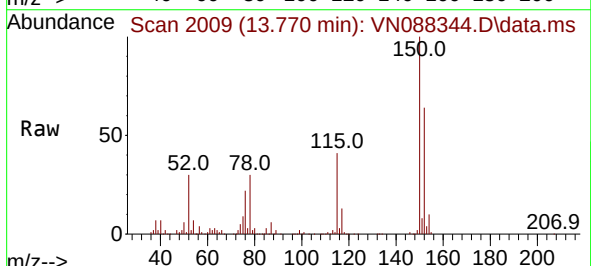
Tgt Ion:152 Resp: 203454

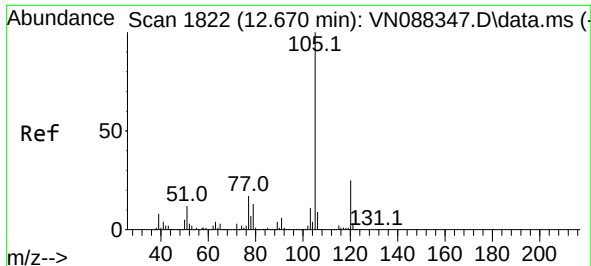
Ion Ratio Lower Upper

152 100

115 65.0 33.0 98.9

150 158.8 0.0 349.0

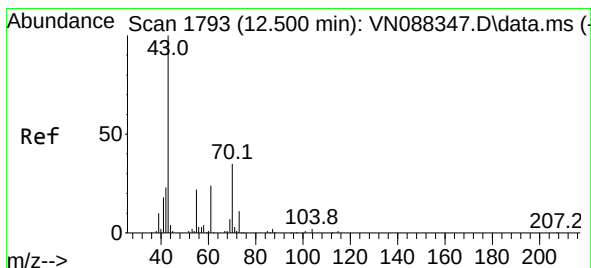
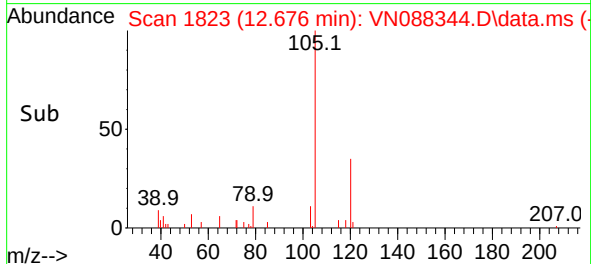
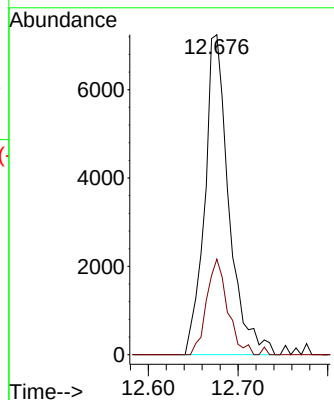
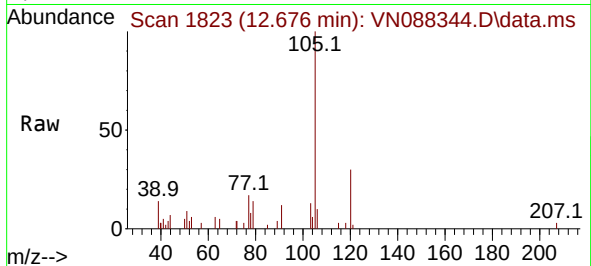




#73
Isopropylbenzene
Concen: 0.849 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

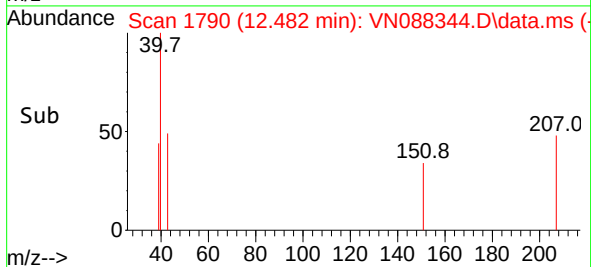
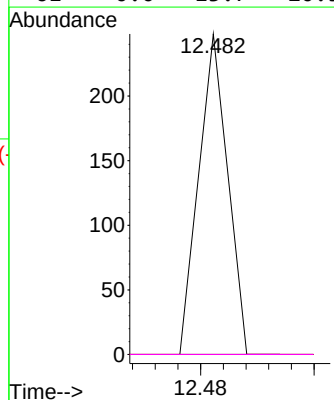
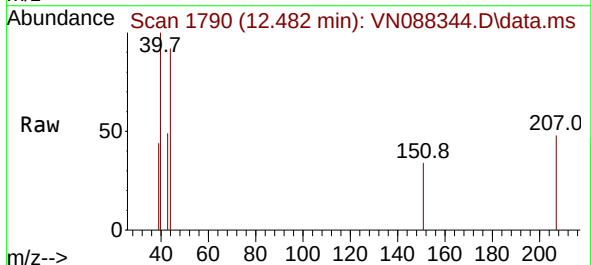
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

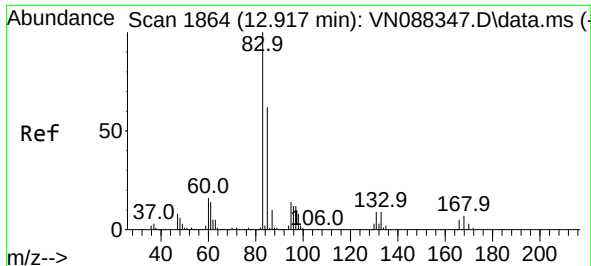
Tgt Ion:105 Resp: 13585
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 0.019 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.7 26.5#
61 0.0 13.7 20.5#

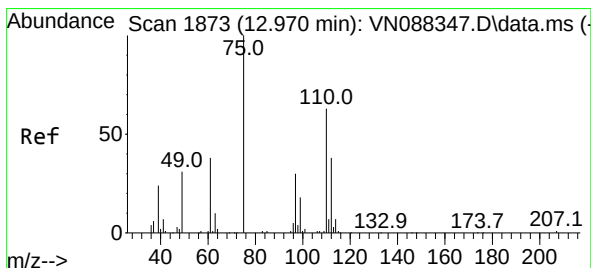
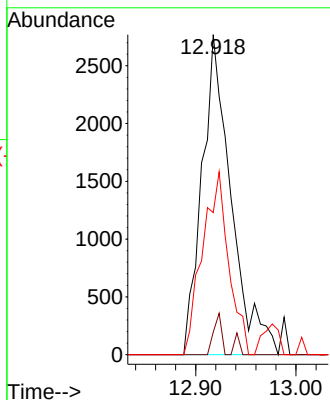
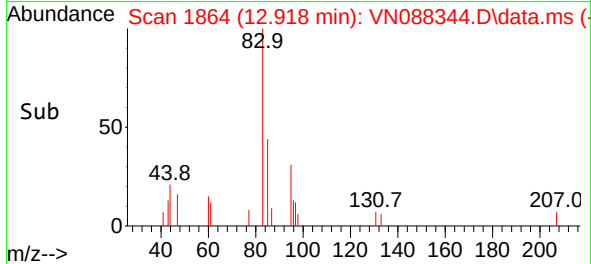
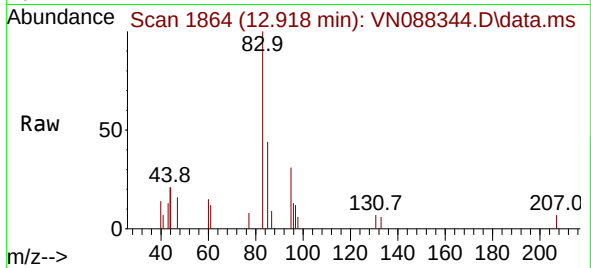




#75
1,1,2,2-Tetrachloroethane
Concen: 1.121 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

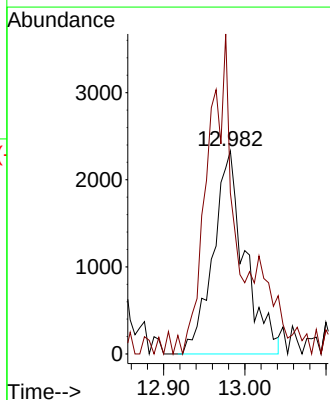
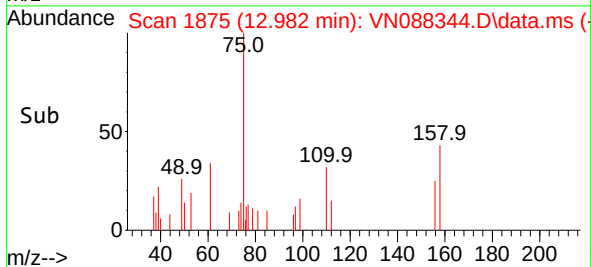
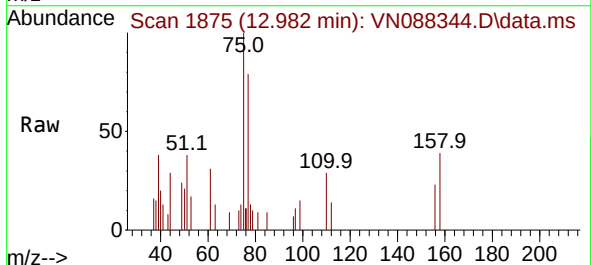
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

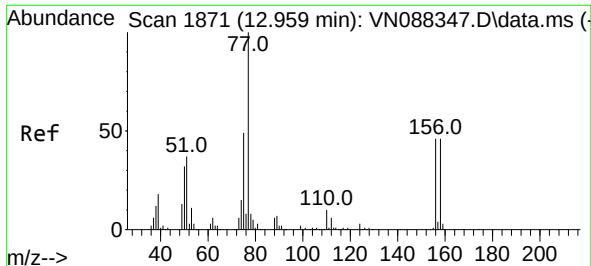
Tgt Ion: 83 Resp: 5605
Ion Ratio Lower Upper
83 100
131 3.5 4.8 14.4#
85 51.3 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 1.305 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 75 Resp: 6312
Ion Ratio Lower Upper
75 100
77 122.2 87.2 261.6

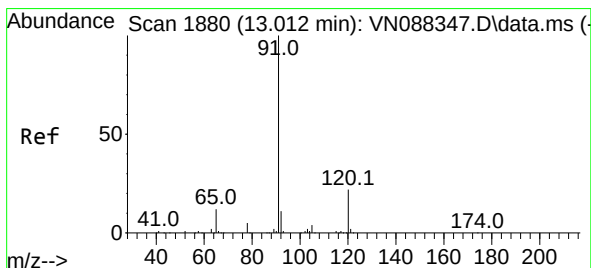
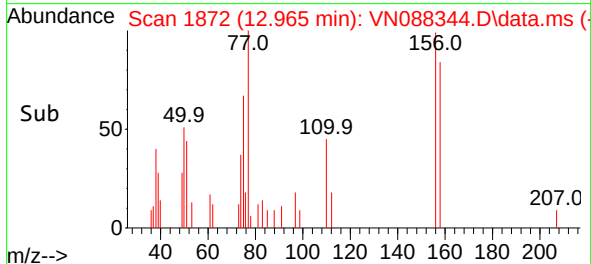
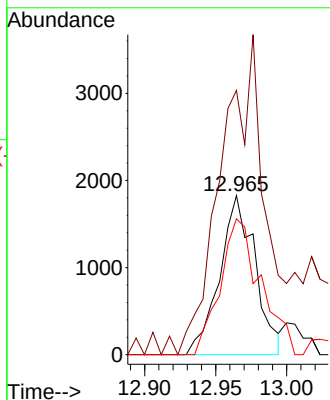
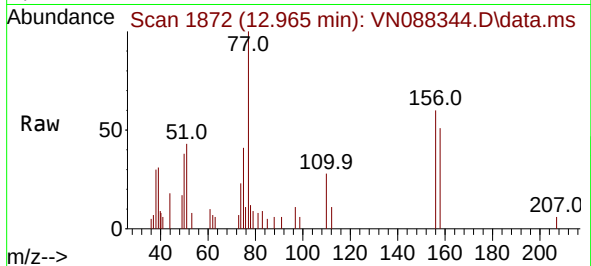




#77
Bromobenzene
Concen: 0.907 ug/l
RT: 12.965 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

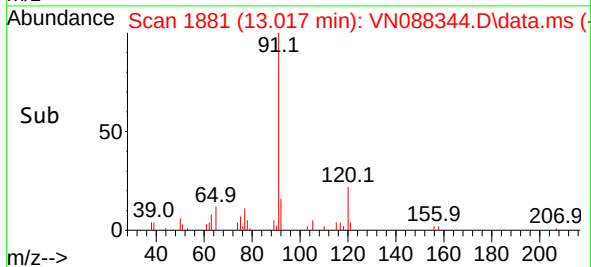
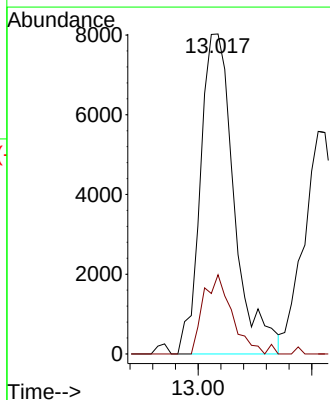
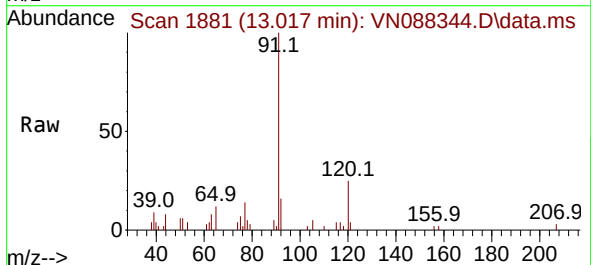
Instrument :
MSVOA_N
ClientSampleId :
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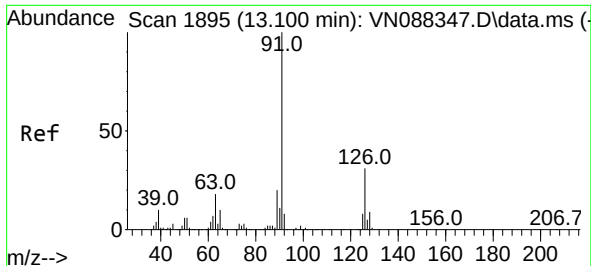
Tgt Ion:156 Resp: 3176
Ion Ratio Lower Upper
156 100
77 242.9 121.6 364.7
158 97.5 48.6 145.8



#78
n-propylbenzene
Concen: 0.851 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 91 Resp: 16584
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.6

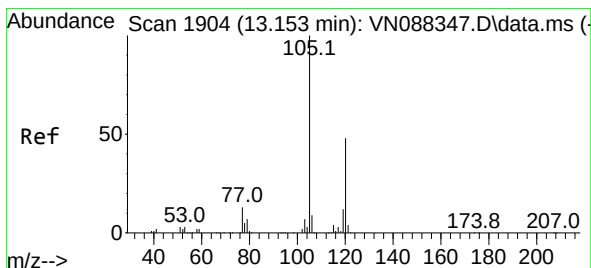
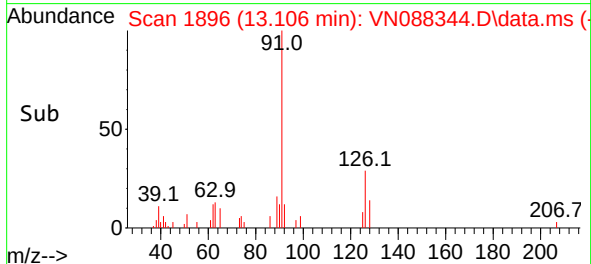
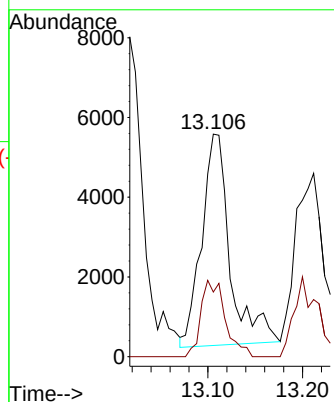
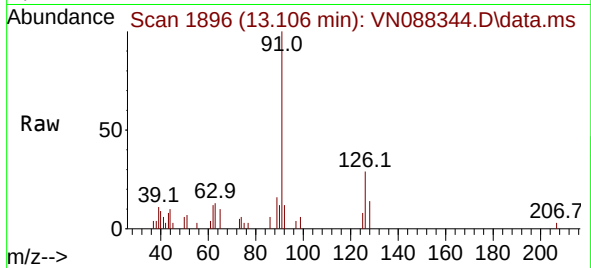




#79
2-Chlorotoluene
Concen: 0.981 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

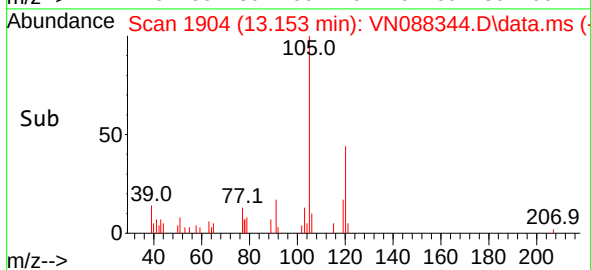
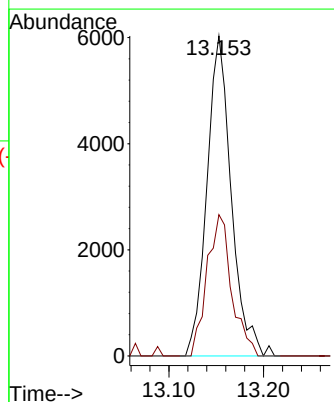
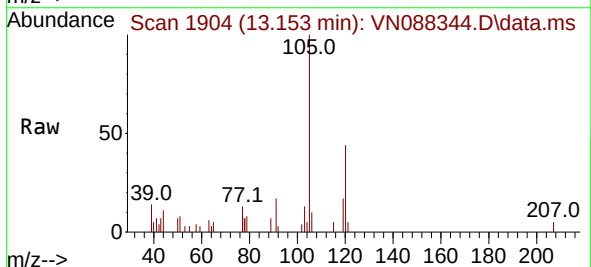
Instrument :
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ClientSampleId :
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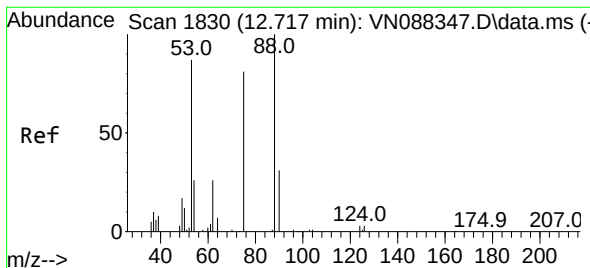
Tgt Ion: 91 Resp: 11013
Ion Ratio Lower Upper
91 100
126 30.8 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 0.811 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 105 Resp: 10783
Ion Ratio Lower Upper
105 100
120 44.7 23.8 71.5

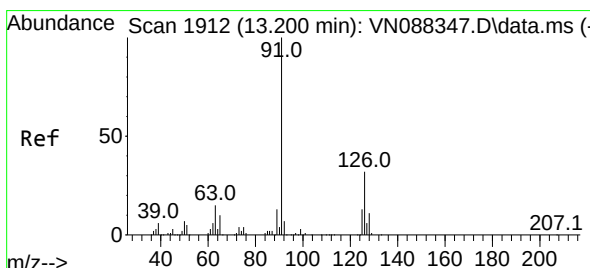
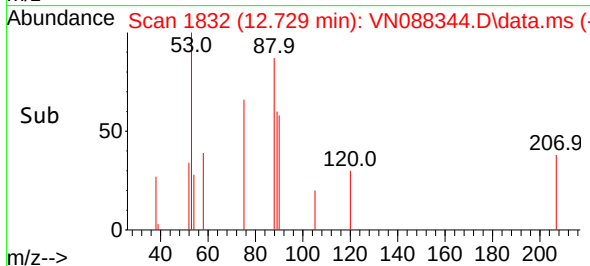
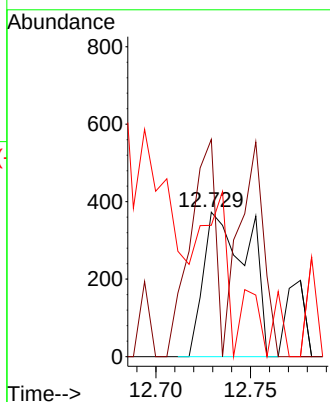
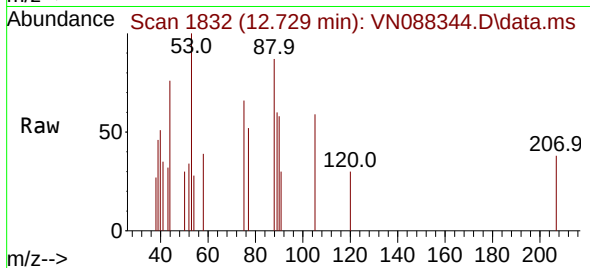




#81
trans-1,4-Dichloro-2-butene
Concen: 0.346 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

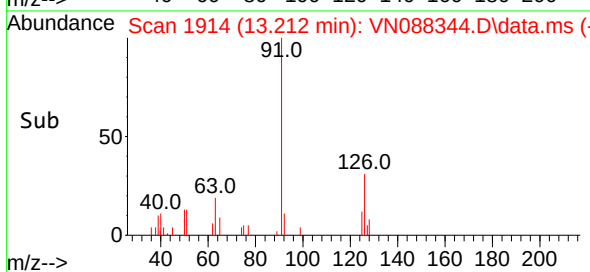
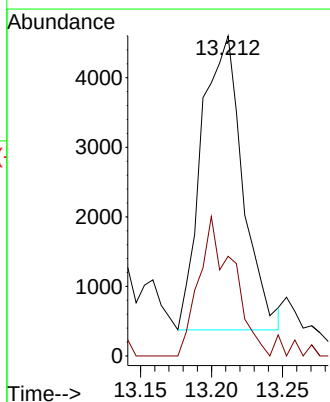
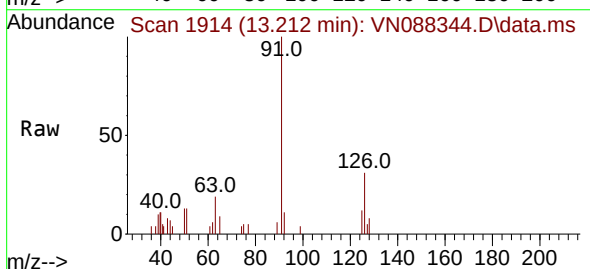
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

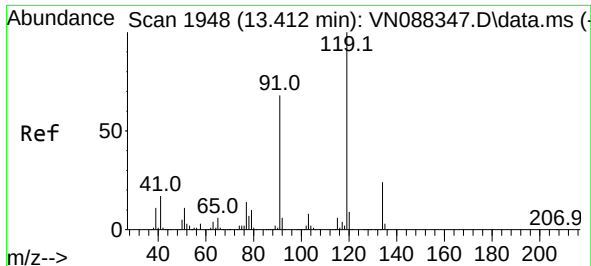
Tgt Ion: 75 Resp: 609
Ion Ratio Lower Upper
75 100
53 86.0 92.2 138.4#
89 83.3 0.0 0.0#



#82
4-Chlorotoluene
Concen: 0.700 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. 0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 91 Resp: 8516
Ion Ratio Lower Upper
91 100
126 39.7 15.6 46.7

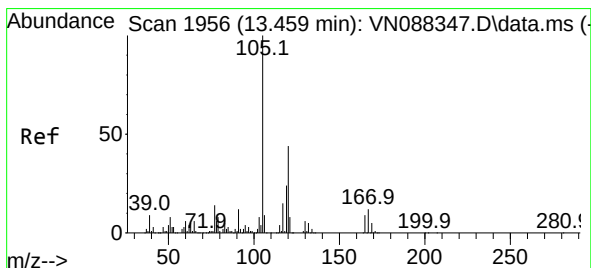
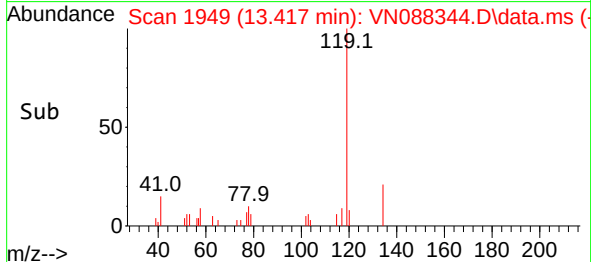
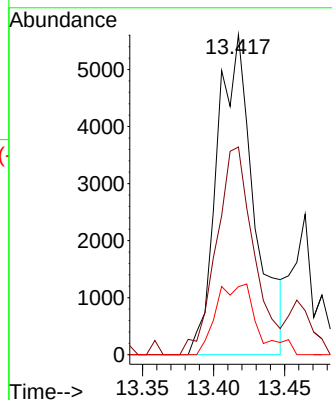
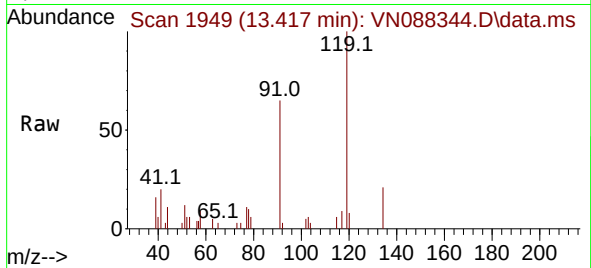




#83
tert-Butylbenzene
Concen: 0.869 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

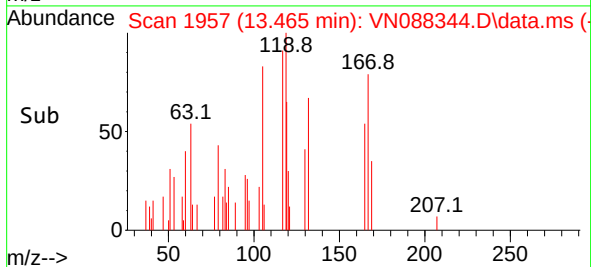
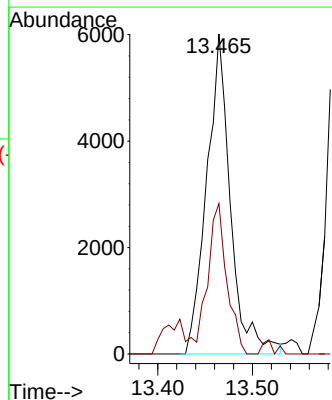
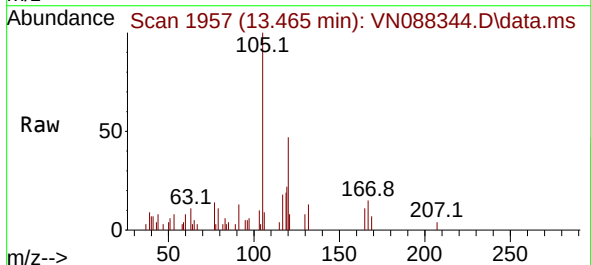
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

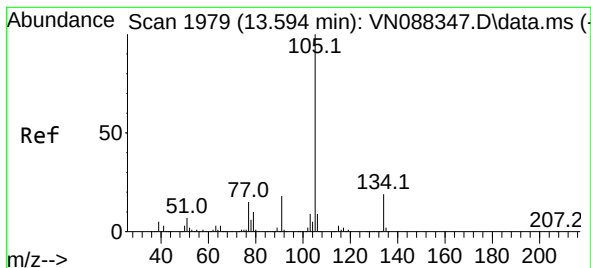
Tgt Ion:119 Resp: 10210
Ion Ratio Lower Upper
119 100
91 65.4 35.1 105.3
134 24.3 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 0.786 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:105 Resp: 10464
Ion Ratio Lower Upper
105 100
120 37.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.819 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

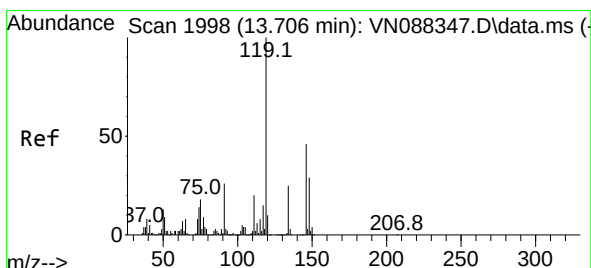
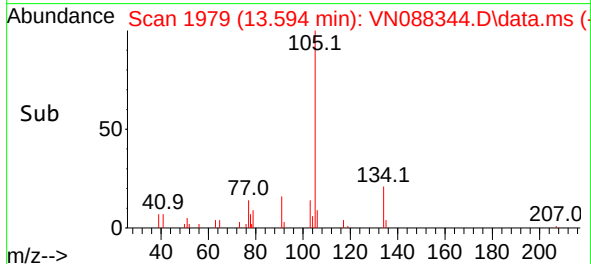
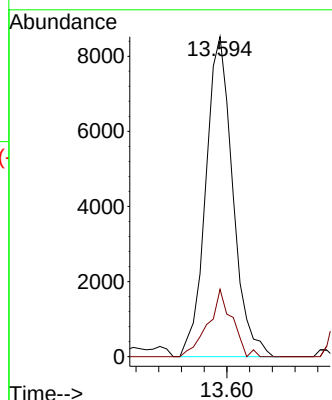
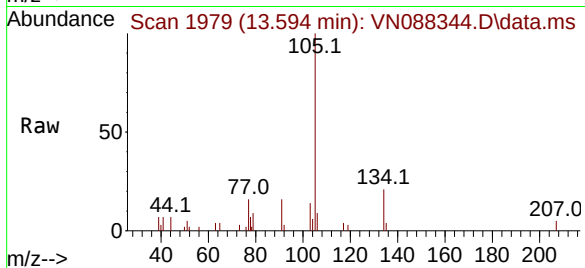
VSTDICC001

Tgt Ion:105 Resp: 14068

Ion Ratio Lower Upper

105 100

134 18.7 9.5 28.5



#86

p-Isopropyltoluene

Concen: 0.798 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

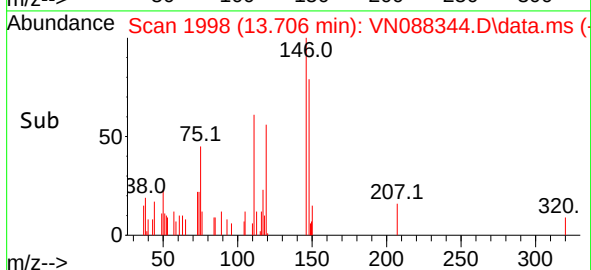
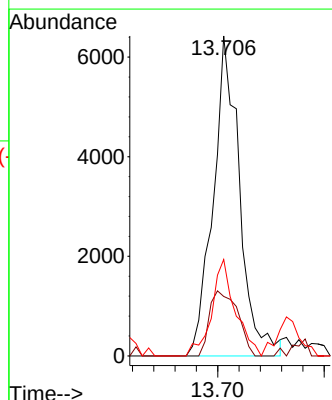
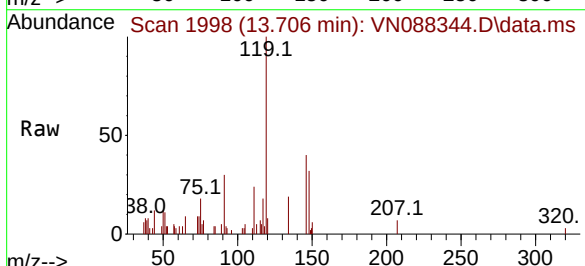
Tgt Ion:119 Resp: 11043

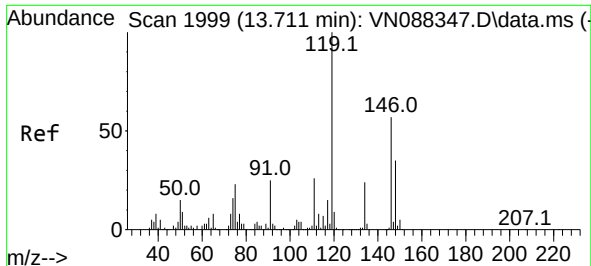
Ion Ratio Lower Upper

119 100

134 21.7 12.2 36.6

91 26.8 13.0 39.0

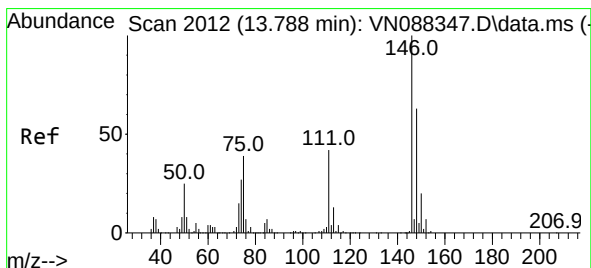
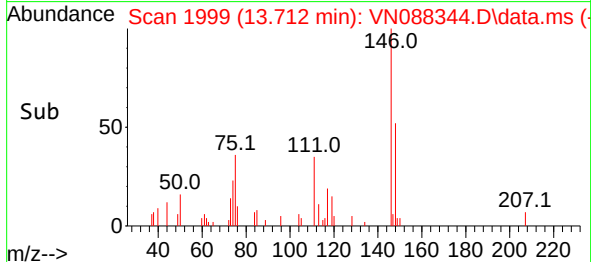
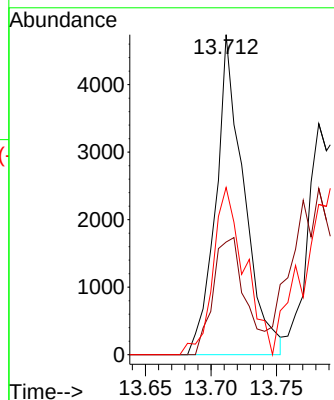
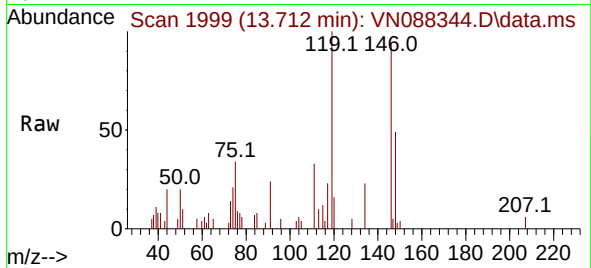




#87
1,3-Dichlorobenzene
Concen: 1.019 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

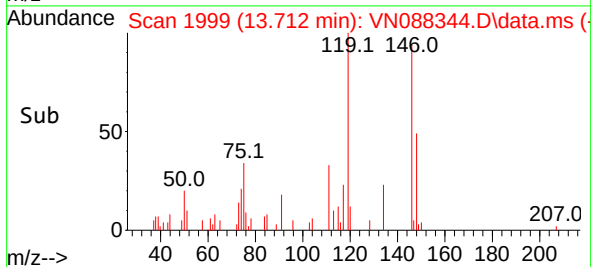
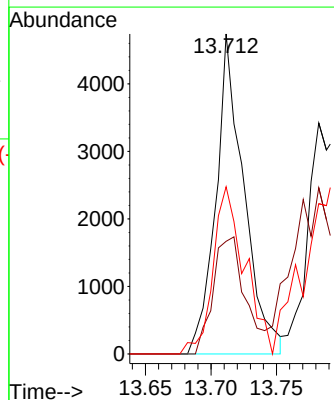
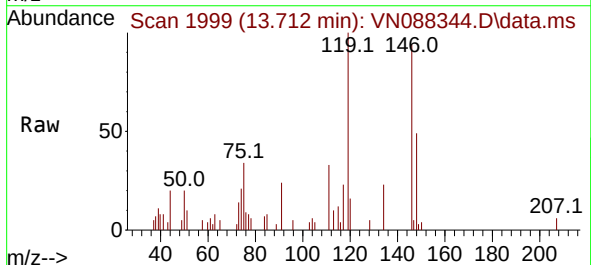
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

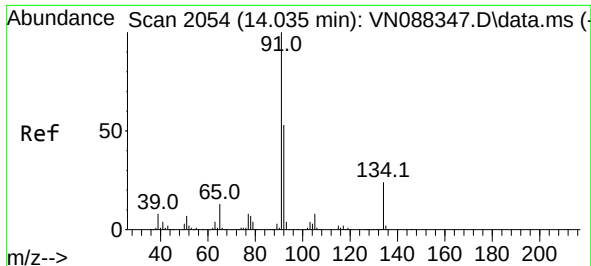
Tgt Ion:146 Resp: 7040
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 58.6 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 0.945 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.076 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:146 Resp: 7040
Ion Ratio Lower Upper
146 100
111 42.0 21.6 64.6
148 58.6 31.0 93.0

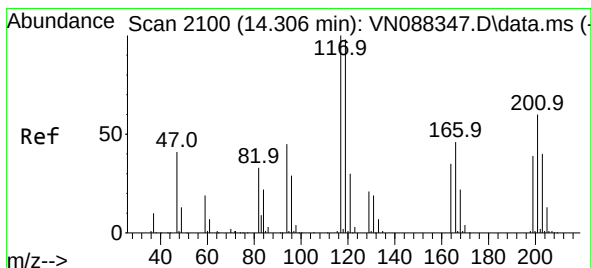
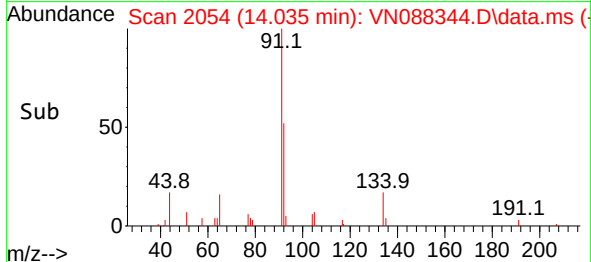
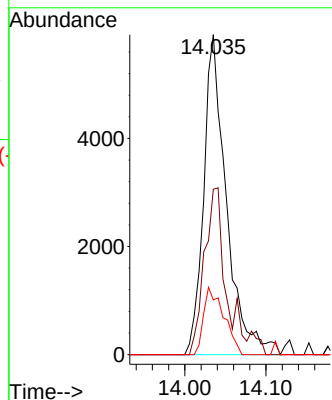
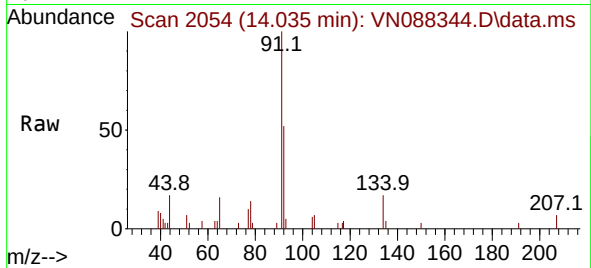




#89
n-Butylbenzene
Concen: 0.845 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

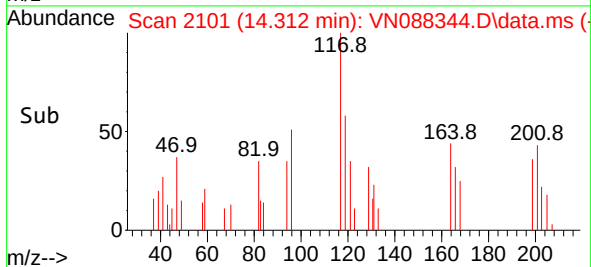
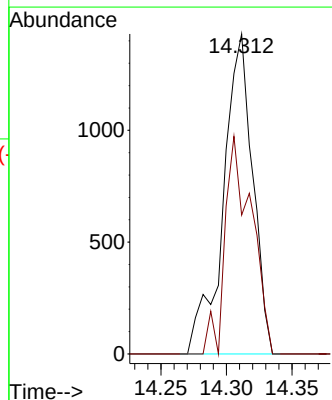
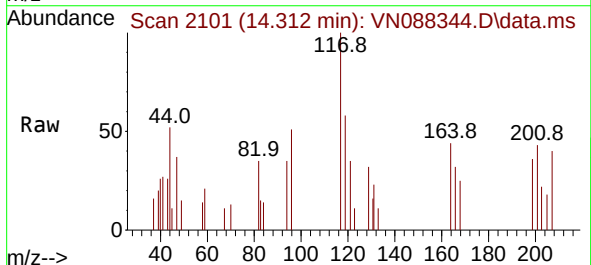
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

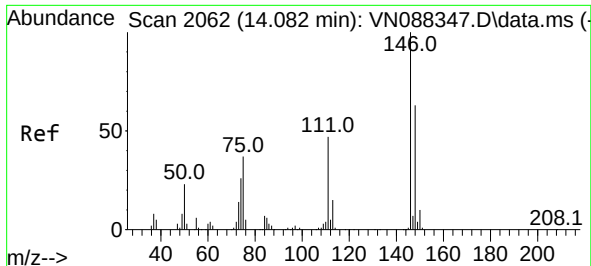
Tgt Ion: 91 Resp: 11505
Ion Ratio Lower Upper
91 100
92 48.4 26.1 78.3
134 18.8 11.7 35.1



#90
Hexachloroethane
Concen: 0.841 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion: 117 Resp: 2233
Ion Ratio Lower Upper
117 100
201 61.8 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 0.927 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

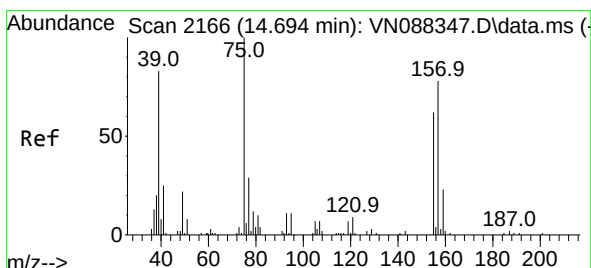
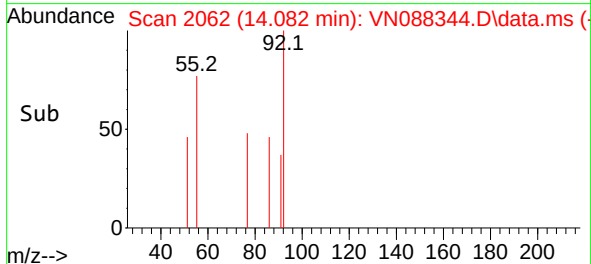
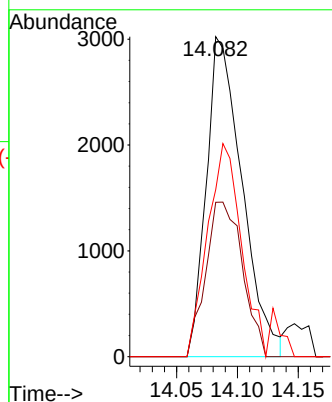
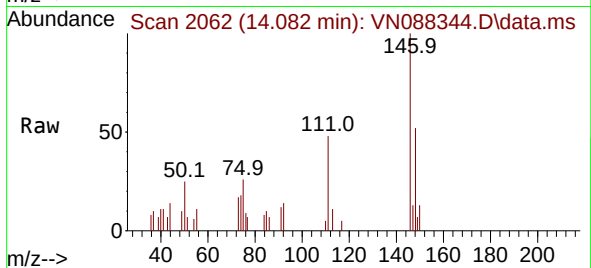
Tgt Ion:146 Resp: 6178

Ion Ratio Lower Upper

146 100

111 49.6 23.3 69.9

148 62.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.973 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

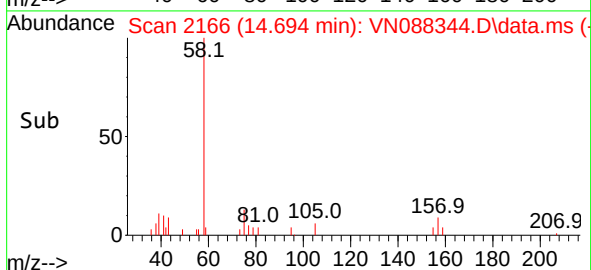
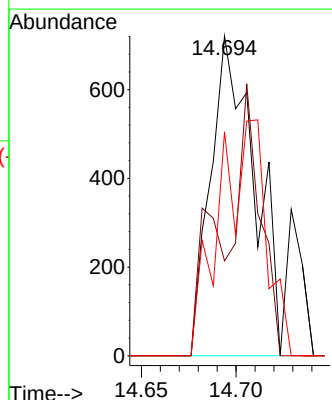
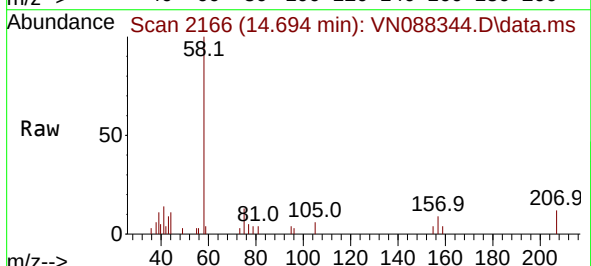
Tgt Ion: 75 Resp: 1155

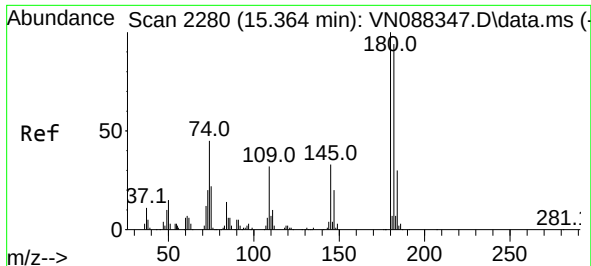
Ion Ratio Lower Upper

75 100

155 70.2 33.7 101.1

157 78.9 43.8 131.3

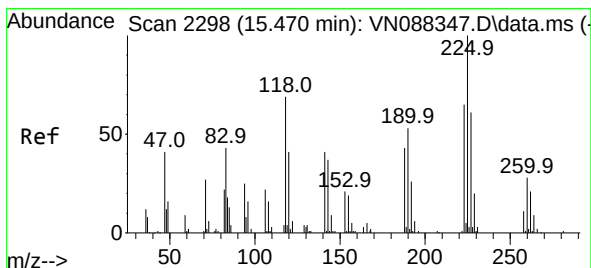
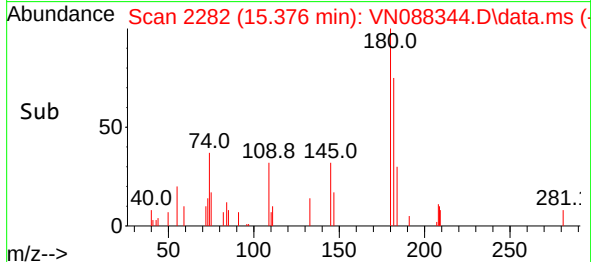
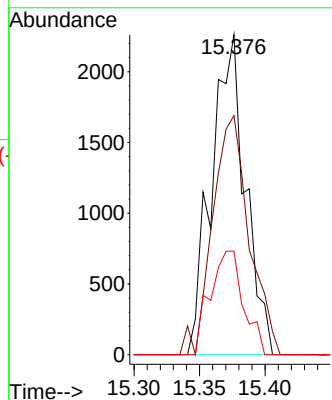
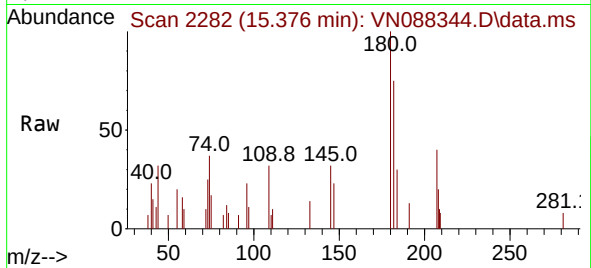




#93
1,2,4-Trichlorobenzene
Concen: 1.011 ug/l
RT: 15.376 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

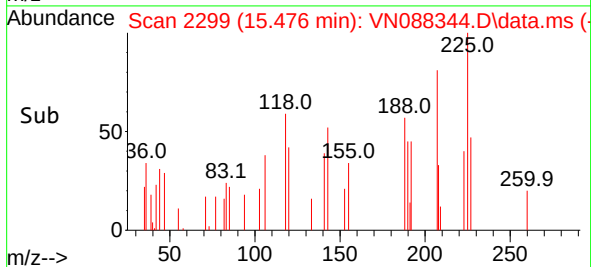
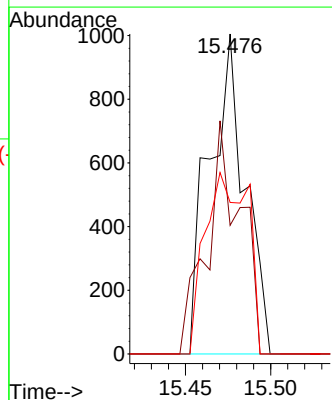
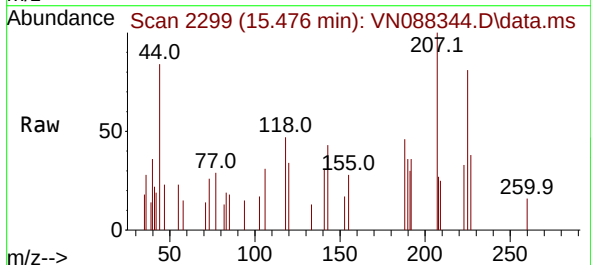
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

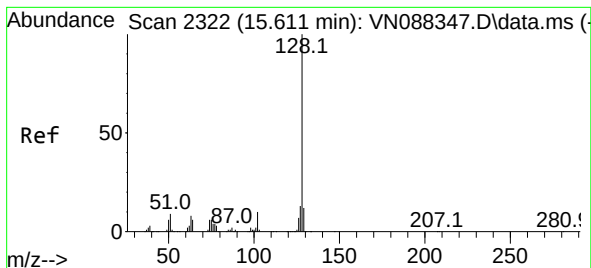
Tgt Ion:180 Resp: 4059
Ion Ratio Lower Upper
180 100
182 80.6 46.1 138.2
145 32.1 16.7 50.1



#94
Hexachlorobutadiene
Concen: 1.002 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN088344.D
Acq: 24 Nov 2025 12:38

Tgt Ion:225 Resp: 1474
Ion Ratio Lower Upper
225 100
223 68.5 32.3 96.8
227 67.4 29.9 89.8





#95

Naphthalene

Concen: 0.863 ug/l

RT: 15.623 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

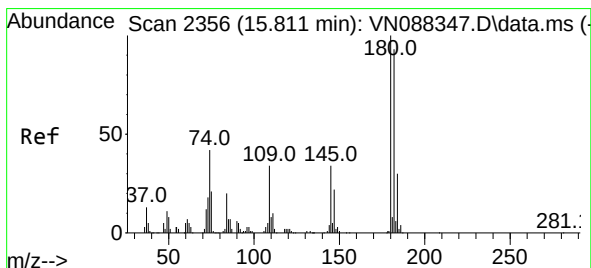
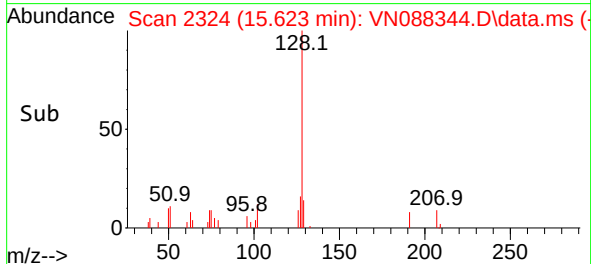
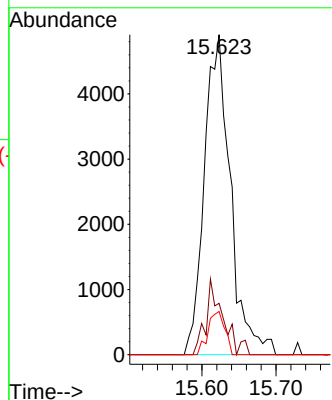
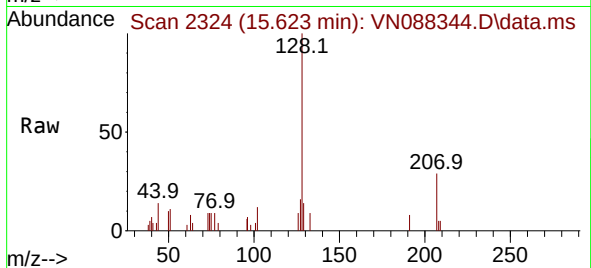
Tgt Ion:128 Resp: 11988

Ion Ratio Lower Upper

128 100

127 15.9 10.4 15.6#

129 8.7 9.0 13.6#



#96

1,2,3-Trichlorobenzene

Concen: 0.989 ug/l

RT: 15.823 min Scan# 2358

Delta R.T. 0.012 min

Lab File: VN088344.D

Acq: 24 Nov 2025 12:38

Tgt Ion:180 Resp: 3833

Ion Ratio Lower Upper

180 100

182 92.2 45.9 137.7

145 35.3 17.8 53.4

