

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088521.D
 Acq On : 16 Dec 2025 12:44
 Operator : JC\MD
 Sample : VN1216WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD02

Quant Time: Dec 17 01:38:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	343168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	658199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	596760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	299054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	364826	56.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.860%	
35) Dibromofluoromethane	8.147	113	250926	55.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.020%	
50) Toluene-d8	10.541	98	895597	52.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.823	95	322021	55.299	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	88284	17.128	ug/l	96
3) Chloromethane	2.383	50	112788	20.374	ug/l	99
4) Vinyl Chloride	2.536	62	108131	19.200	ug/l	97
5) Bromomethane	2.983	94	58213	21.476	ug/l	100
6) Chloroethane	3.147	64	73818	21.180	ug/l	98
7) Trichlorofluoromethane	3.518	101	146739	18.538	ug/l	99
8) Diethyl Ether	3.959	74	68530	23.067	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	80099	19.008	ug/l	95
10) Methyl Iodide	4.589	142	83244	19.955	ug/l	100
11) Tert butyl alcohol	5.506	59	93749	90.832	ug/l	99
12) 1,1-Dichloroethene	4.342	96	81075	19.365	ug/l	88
13) Acrolein	4.183	56	61569	62.309	ug/l	96
14) Allyl chloride	5.012	41	157841	20.340	ug/l	96
15) Acrylonitrile	5.706	53	323449	108.619	ug/l	98
16) Acetone	4.424	43	222458	95.151	ug/l	97
17) Carbon Disulfide	4.706	76	249123	18.209	ug/l	100
18) Methyl Acetate	5.018	43	154672	22.225	ug/l	99
19) Methyl tert-butyl Ether	5.777	73	363843	23.195	ug/l	99
20) Methylene Chloride	5.265	84	114670	22.925	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	94362	20.346	ug/l	95
22) Diisopropyl ether	6.653	45	377859	22.808	ug/l	96
23) Vinyl Acetate	6.588	43	1620571	121.410	ug/l	99
24) 1,1-Dichloroethane	6.553	63	210023	22.386	ug/l	99
25) 2-Butanone	7.465	43	392622	104.462	ug/l	99
26) 2,2-Dichloropropane	7.471	77	174133	21.503	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	119739	22.215	ug/l	99
28) Bromochloromethane	7.794	49	108057	23.120	ug/l	95
29) Tetrahydrofuran	7.818	42	284268	105.446	ug/l	97
30) Chloroform	7.947	83	212978	23.102	ug/l	96
31) Cyclohexane	8.229	56	156127	18.364	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	170118	20.987	ug/l	96
36) 1,1-Dichloropropene	8.347	75	126033	17.904	ug/l	98
37) Ethyl Acetate	7.541	43	178643	19.300	ug/l	96
38) Carbon Tetrachloride	8.341	117	139142	19.855	ug/l	93
39) Methylcyclohexane	9.576	83	121159	16.091	ug/l	88
40) Benzene	8.588	78	430982	20.860	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	93883	20.478	ug/l	97
42) 1,2-Dichloroethane	8.653	62	173535	22.015	ug/l	98
43) Isopropyl Acetate	8.671	43	281973	19.938	ug/l	97
44) Trichloroethene	9.329	130	96264	19.719	ug/l	96
45) 1,2-Dichloropropane	9.600	63	116207	21.953	ug/l	92
46) Dibromomethane	9.688	93	82987	21.967	ug/l	96
47) Bromodichloromethane	9.865	83	174838	22.682	ug/l	99
48) Methyl methacrylate	9.659	41	133245	20.650	ug/l	94
49) 1,4-Dioxane	9.682	88	29394	358.198	ug/l #	94
51) 4-Methyl-2-Pentanone	10.423	43	880035	105.572	ug/l	98
52) Toluene	10.606	92	260153	21.806	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	168187	21.257	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	183608	22.067	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	106181	23.004	ug/l	97
56) Ethyl methacrylate	10.853	69	162604	22.302	ug/l	90
57) 1,3-Dichloropropane	11.141	76	188455	22.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	496463	118.109	ug/l	99
59) 2-Hexanone	11.176	43	537486	102.354	ug/l	95
60) Dibromochloromethane	11.335	129	123809	23.529	ug/l	99
61) 1,2-Dibromoethane	11.447	107	104558	22.370	ug/l	99
64) Tetrachloroethene	11.082	164	82194	17.374	ug/l	96
65) Chlorobenzene	11.865	112	283608	21.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	101454	22.441	ug/l	98
67) Ethyl Benzene	11.941	91	465974	19.890	ug/l	99
68) m/p-Xylenes	12.047	106	349103	40.190	ug/l	99
69) o-Xylene	12.376	106	169757	20.499	ug/l	96
70) Styrene	12.388	104	289870	21.557	ug/l	98
71) Bromoform	12.559	173	75747	22.875	ug/l #	99
73) Isopropylbenzene	12.670	105	411737	18.621	ug/l	100
74) N-amyl acetate	12.535	43	19040	2.528	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.912	83	154377	21.596	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	206272	29.449	ug/l	63
77) Bromobenzene	12.953	156	107169	21.183	ug/l	97
78) n-propylbenzene	13.012	91	513902	18.998	ug/l	100
79) 2-Chlorotoluene	13.100	91	322924	19.549	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	355764	19.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	49301	19.968	ug/l #	88
82) 4-Chlorotoluene	13.200	91	336139	20.487	ug/l	98
83) tert-Butylbenzene	13.412	119	287362	18.450	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	365264	20.056	ug/l	99
85) sec-Butylbenzene	13.594	105	409048	18.281	ug/l	100
86) p-Isopropyltoluene	13.706	119	345639	18.838	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	201247	20.434	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	210058	20.362	ug/l	99
89) n-Butylbenzene	14.035	91	318093	17.855	ug/l	100
90) Hexachloroethane	14.306	117	64292	19.181	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	192928	20.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	32803	18.914	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	107488	19.520	ug/l	96
94) Hexachlorobutadiene	15.470	225	43573	22.020	ug/l	97
95) Naphthalene	15.611	128	360196	18.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	108133	20.177	ug/l	98

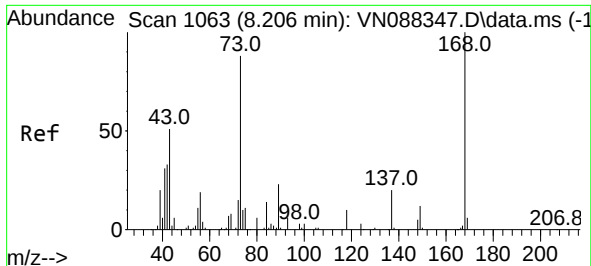
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QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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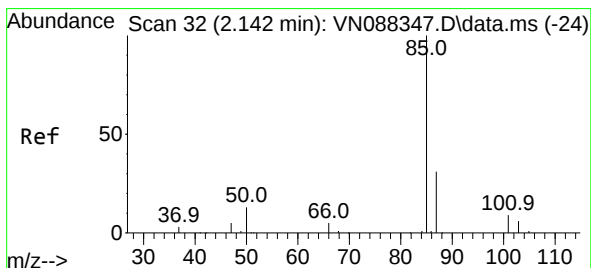
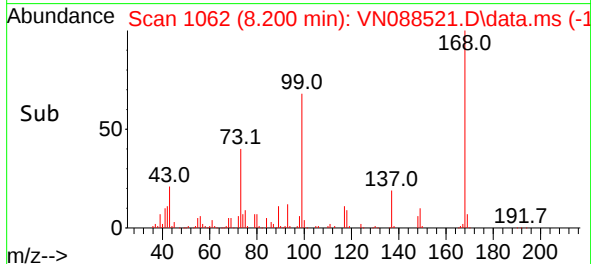
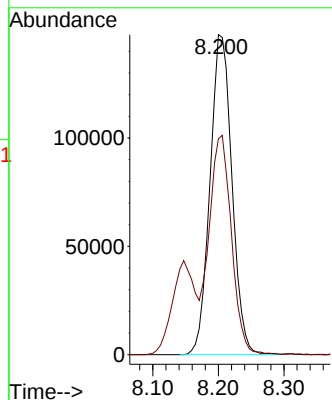
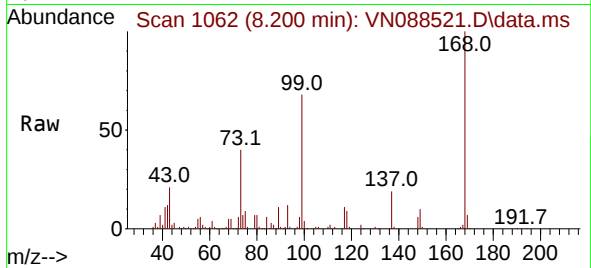
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

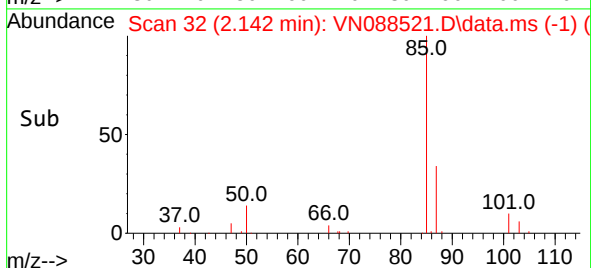
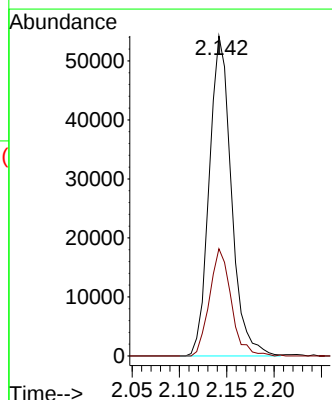
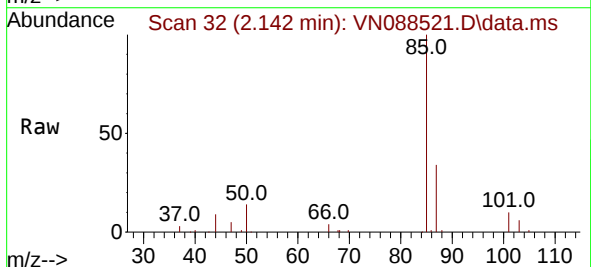
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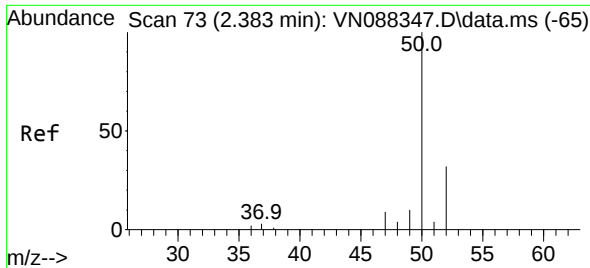
Tgt Ion:168 Resp: 343168
Ion Ratio Lower Upper
168 100
99 67.4 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 17.128 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 85 Resp: 88284
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.7

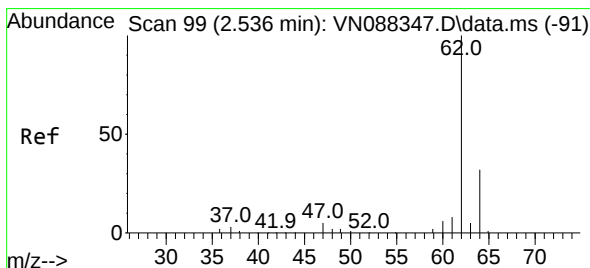
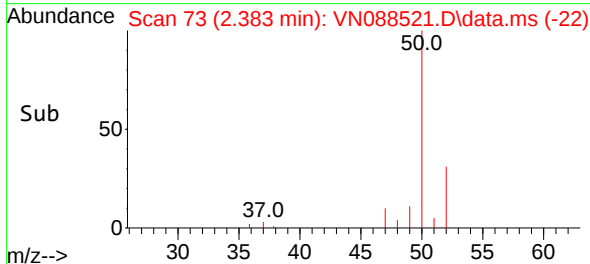
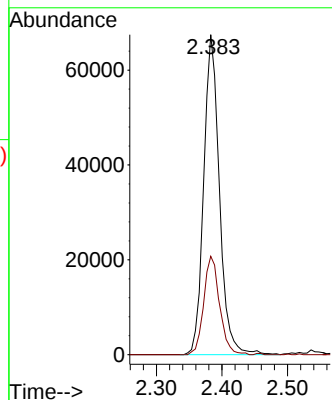
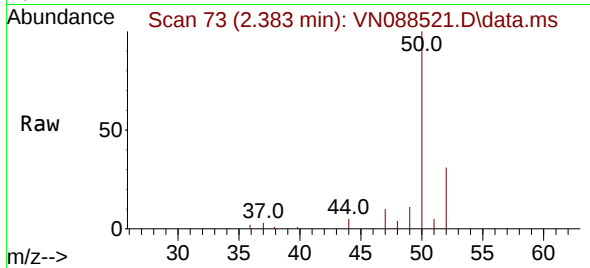




#3
Chloromethane
Concen: 20.374 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

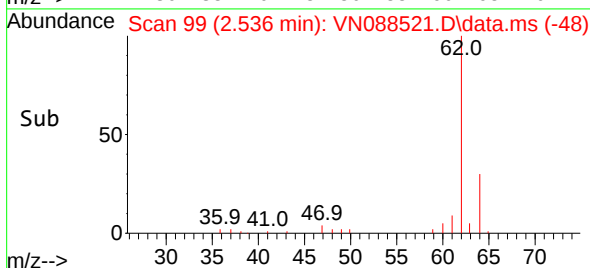
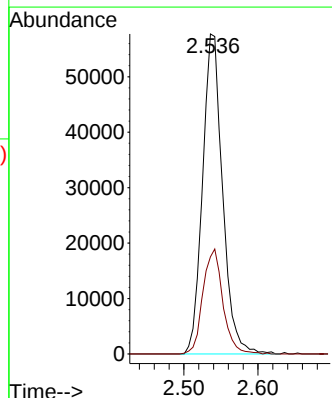
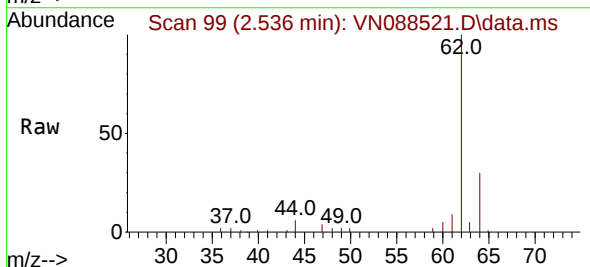
Instrument :
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ClientSampleId :
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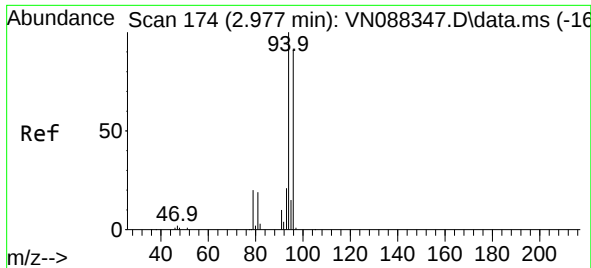
Tgt Ion: 50 Resp: 112788
Ion Ratio Lower Upper
50 100
52 30.8 25.2 37.8



#4
Vinyl Chloride
Concen: 19.200 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 62 Resp: 108131
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2

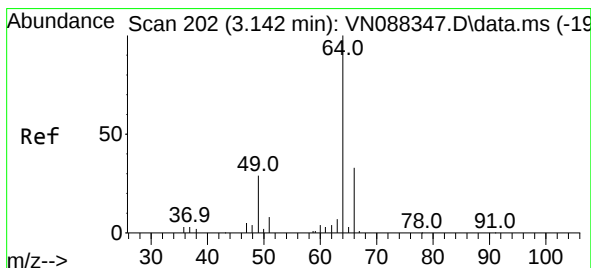
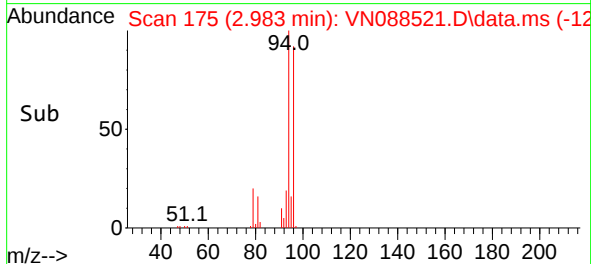
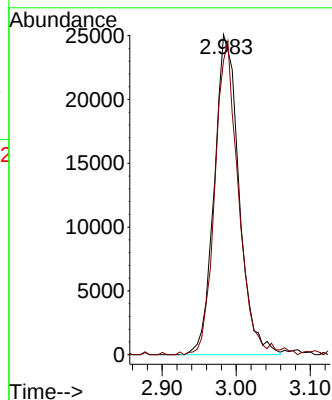
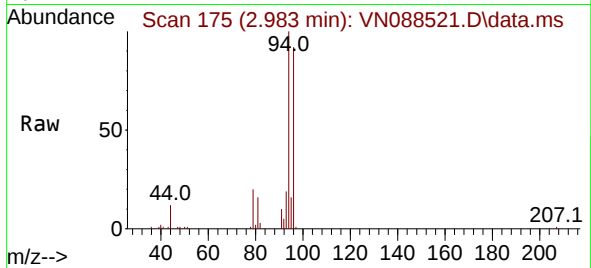




#5
Bromomethane
Concen: 21.476 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

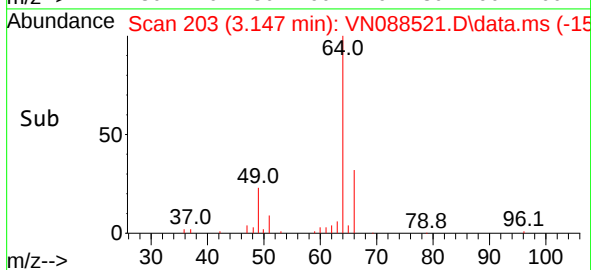
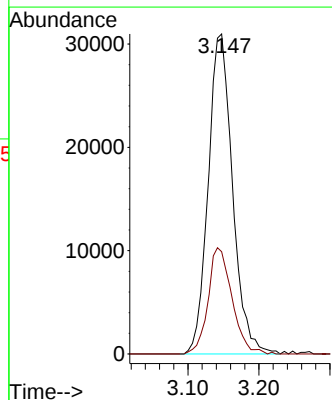
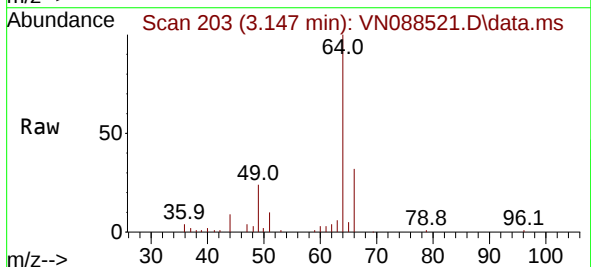
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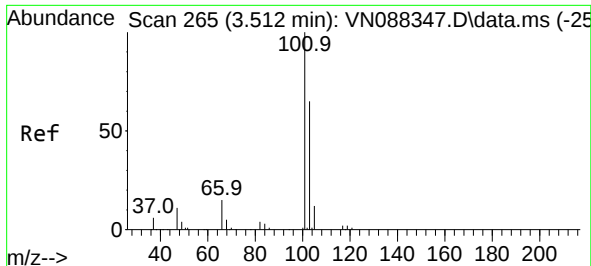
Tgt Ion: 94 Resp: 58213
Ion Ratio Lower Upper
94 100
96 91.1 73.2 109.8



#6
Chloroethane
Concen: 21.180 ug/l
RT: 3.147 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 64 Resp: 73818
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6

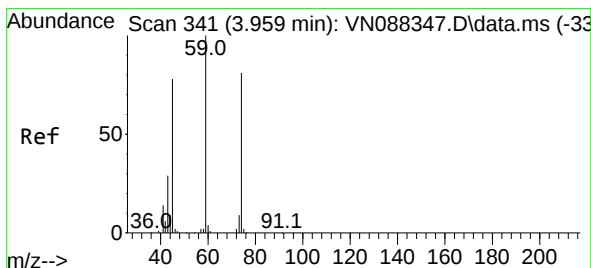
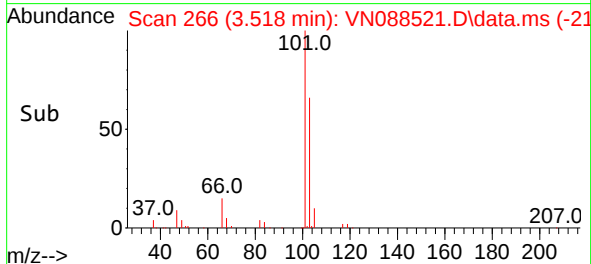
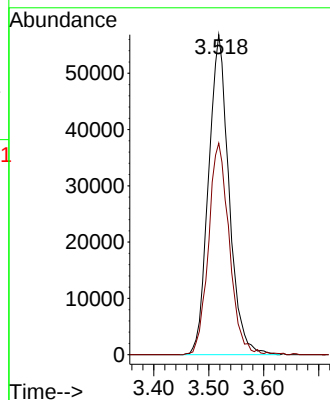
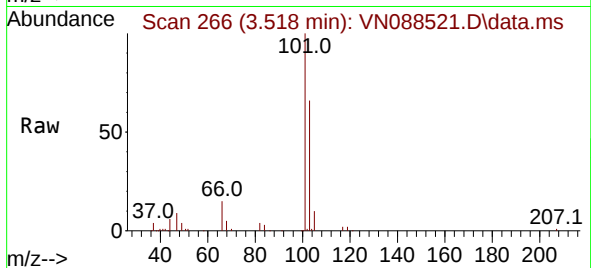




#7
Trichlorofluoromethane
Concen: 18.538 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

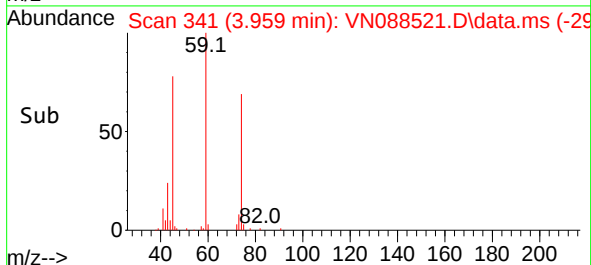
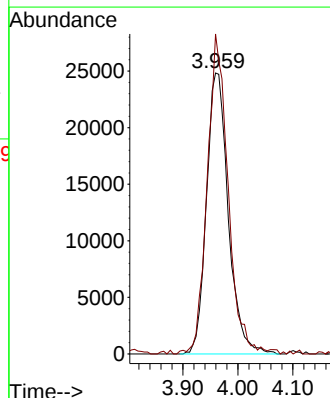
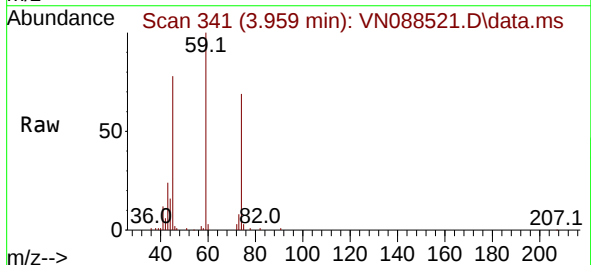
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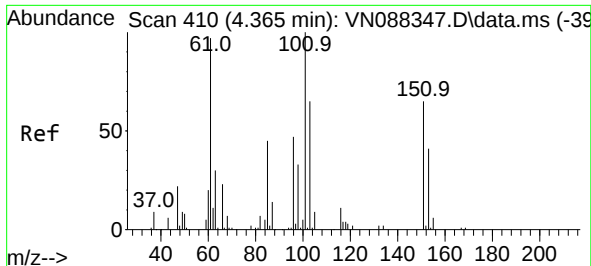
Tgt Ion:101 Resp: 146739
Ion Ratio Lower Upper
101 100
103 66.1 52.3 78.5



#8
Diethyl Ether
Concen: 23.067 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 74 Resp: 68530
Ion Ratio Lower Upper
74 100
45 108.5 54.2 162.6

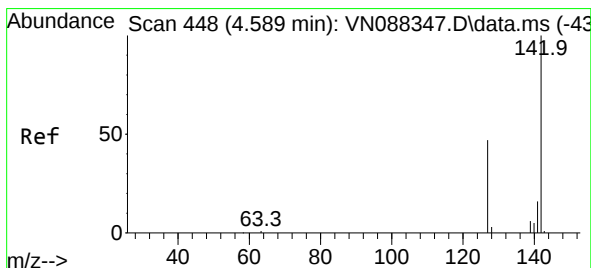
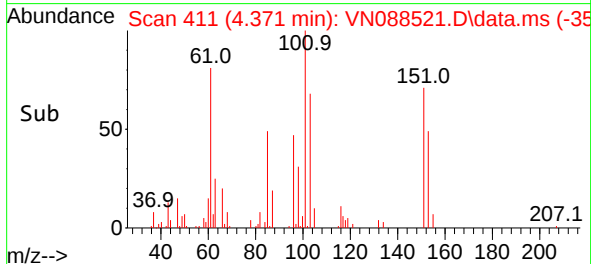
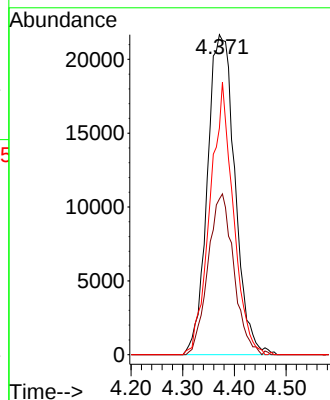
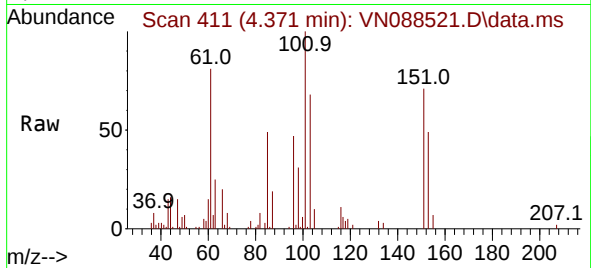




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.008 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088521.D
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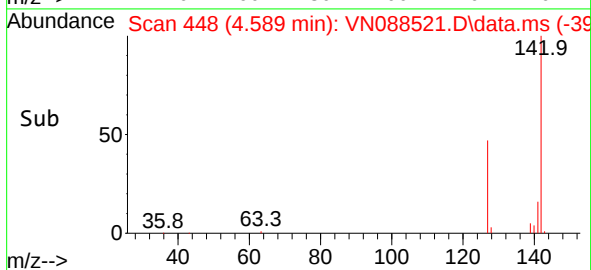
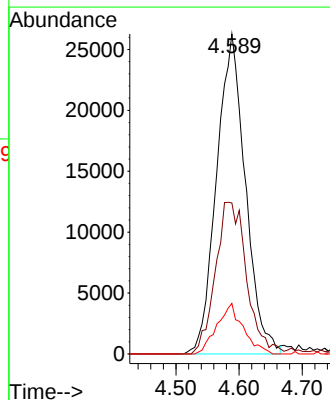
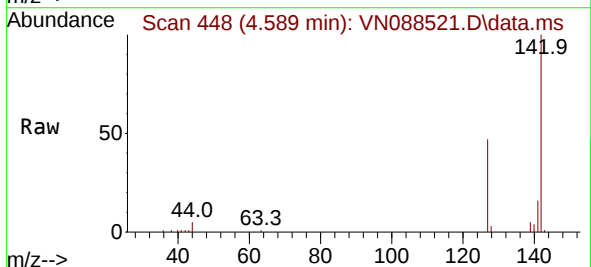
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

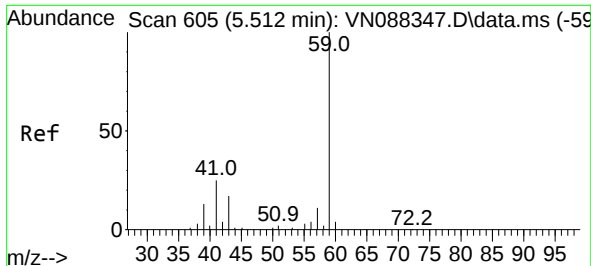
Tgt Ion:101 Resp: 80099
Ion Ratio Lower Upper
101 100
85 47.0 39.2 58.8
151 72.2 53.6 80.4



#10
Methyl Iodide
Concen: 19.955 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:142 Resp: 83244
Ion Ratio Lower Upper
142 100
127 47.2 37.9 56.9
141 15.8 12.4 18.6

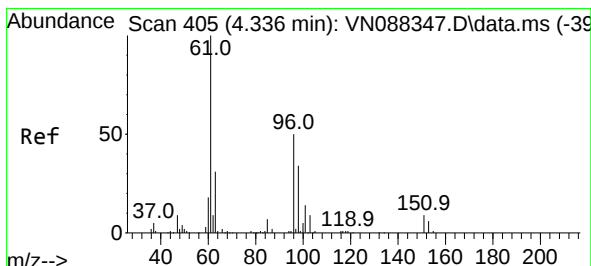
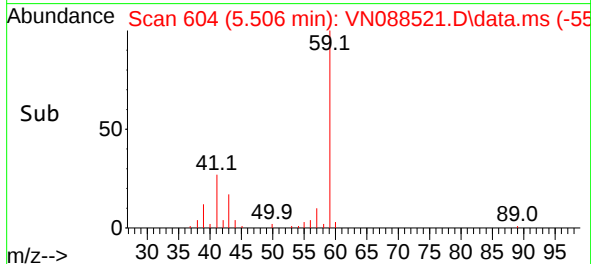
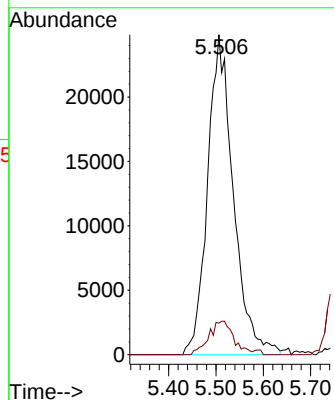
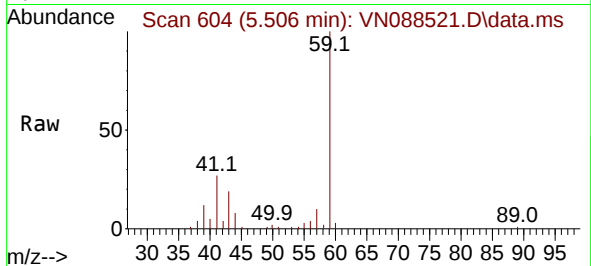




#11
Tert butyl alcohol
Concen: 90.832 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

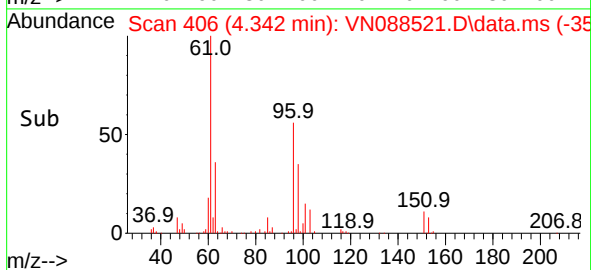
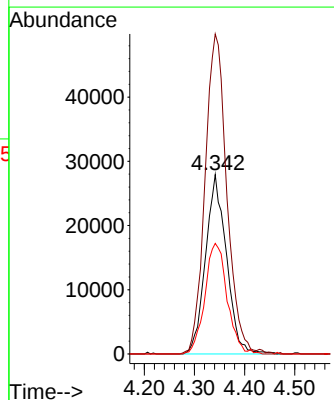
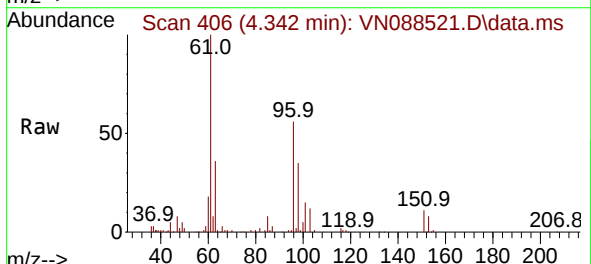
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

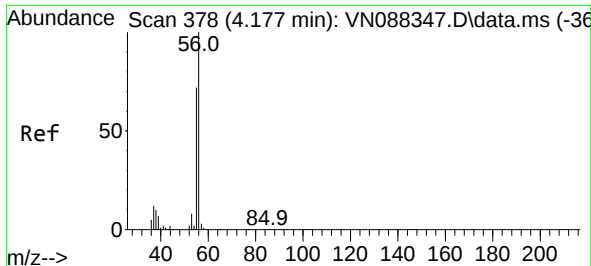
Tgt Ion: 59 Resp: 93749
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.365 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 96 Resp: 81075
Ion Ratio Lower Upper
96 100
61 178.4 159.1 238.7
98 61.6 53.7 80.5

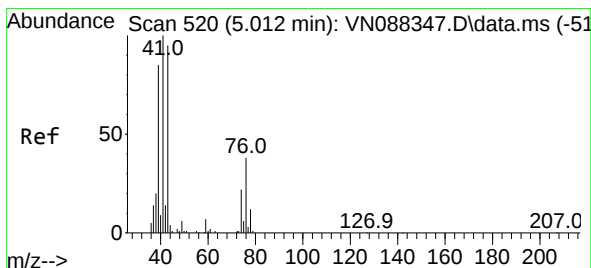
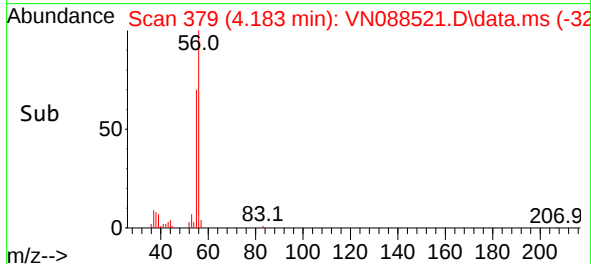
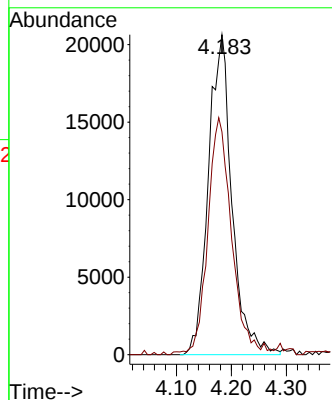
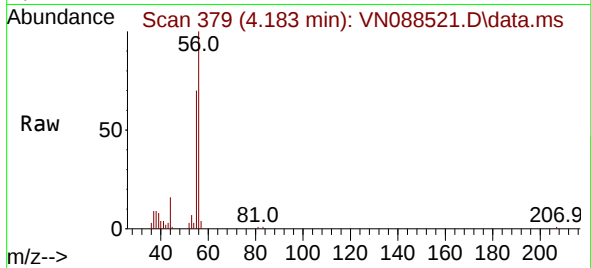




#13
Acrolein
Concen: 62.309 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

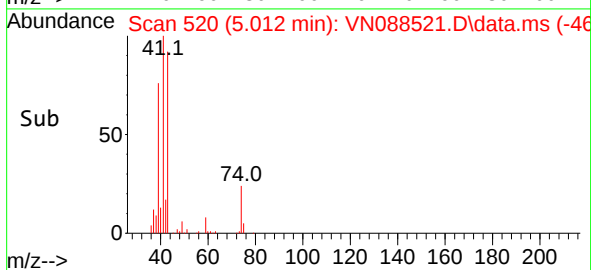
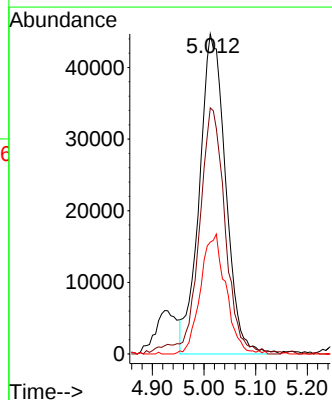
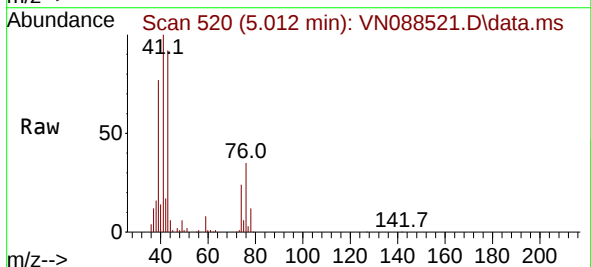
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

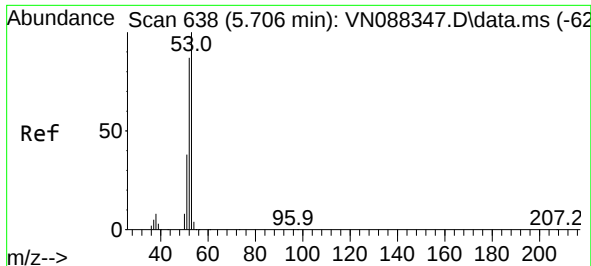
Tgt Ion: 56 Resp: 61569
Ion Ratio Lower Upper
56 100
55 73.8 56.3 84.5



#14
Allyl chloride
Concen: 20.340 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 41 Resp: 157841
Ion Ratio Lower Upper
41 100
39 76.6 64.7 97.1
76 36.0 29.1 43.7

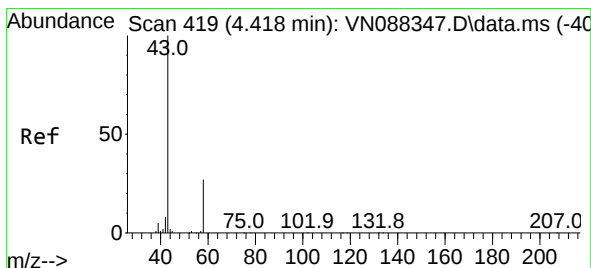
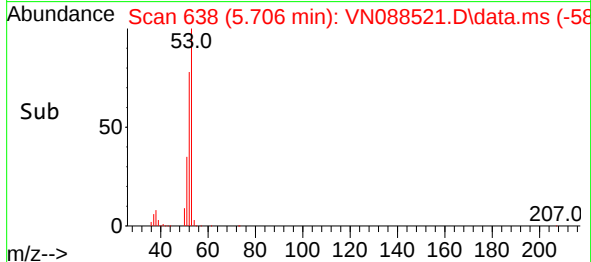
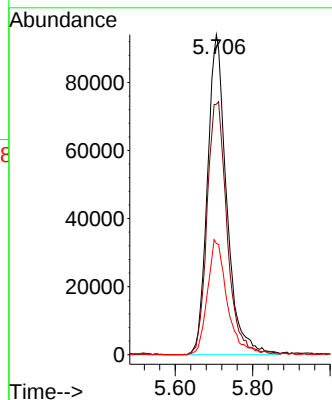
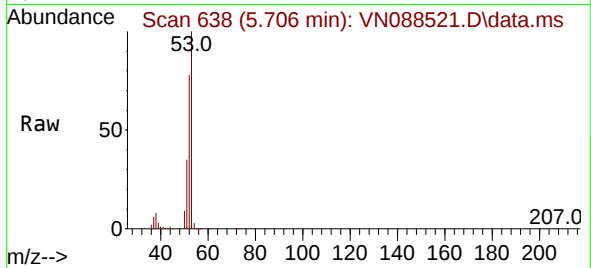




#15
Acrylonitrile
Concen: 108.619 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

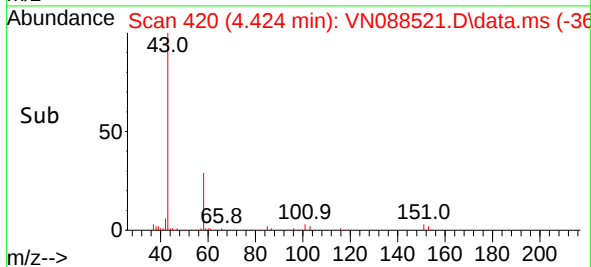
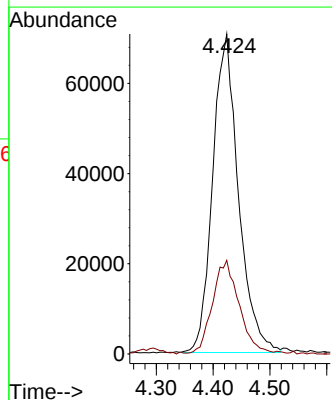
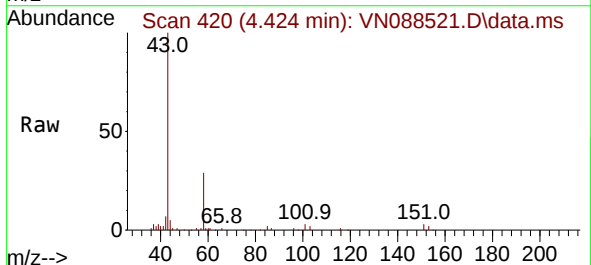
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

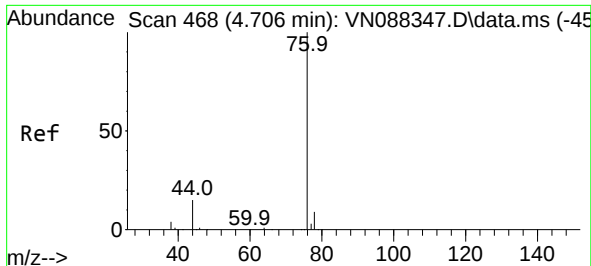
Tgt Ion: 53 Resp: 323449
Ion Ratio Lower Upper
53 100
52 82.2 67.8 101.6
51 36.8 29.8 44.8



#16
Acetone
Concen: 95.151 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 43 Resp: 222458
Ion Ratio Lower Upper
43 100
58 28.8 21.7 32.5

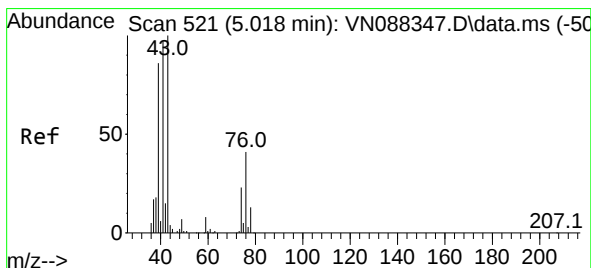
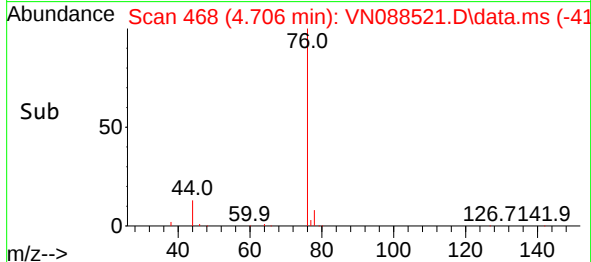
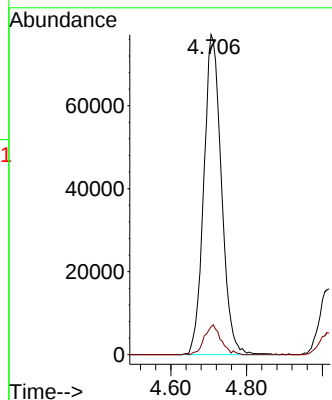
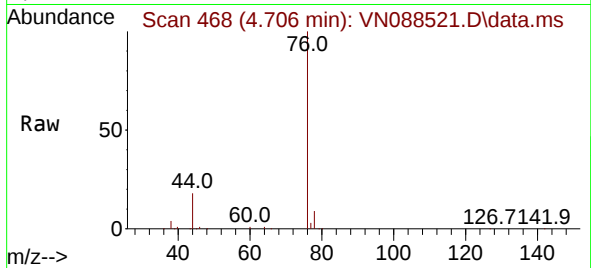




#17
Carbon Disulfide
Concen: 18.209 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

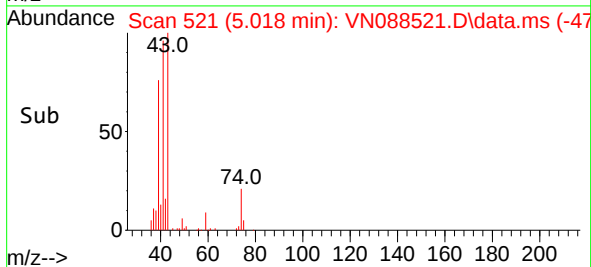
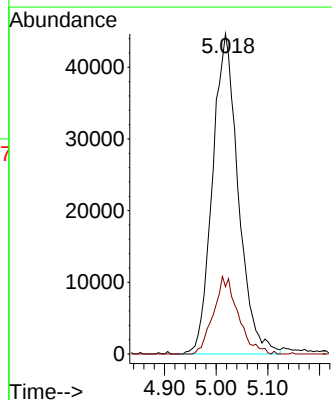
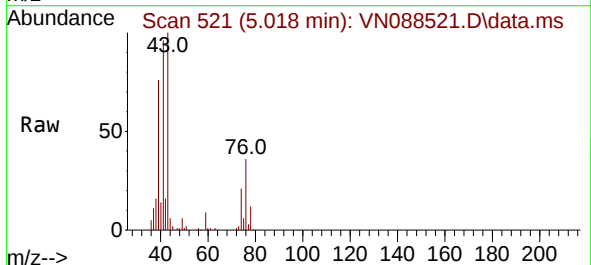
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

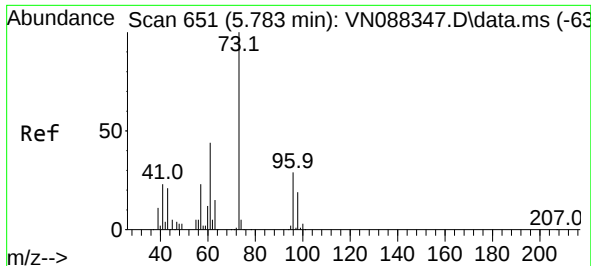
Tgt Ion: 76 Resp: 249123
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 22.225 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 43 Resp: 154672
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9

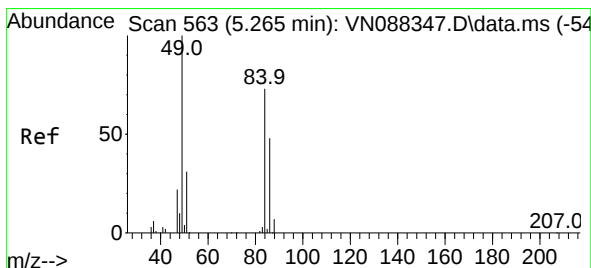
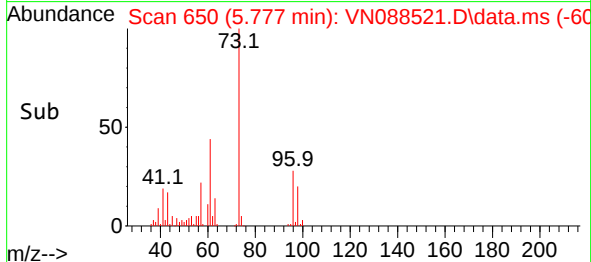
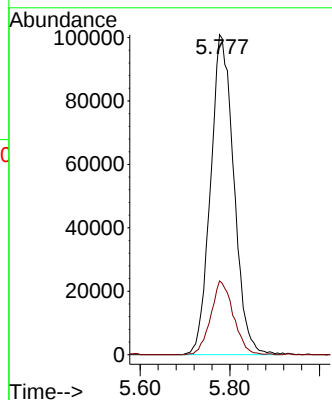
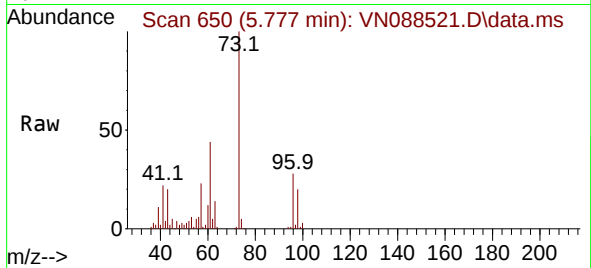




#19
Methyl tert-butyl Ether
Concen: 23.195 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

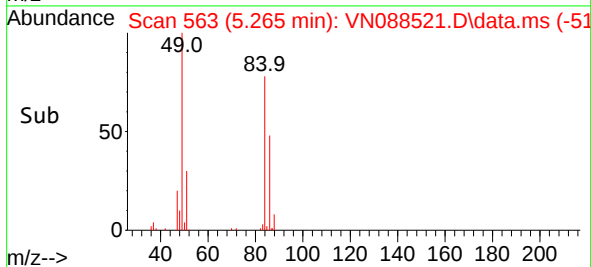
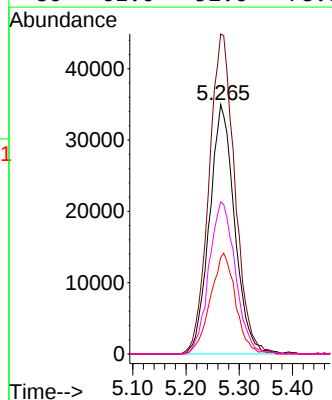
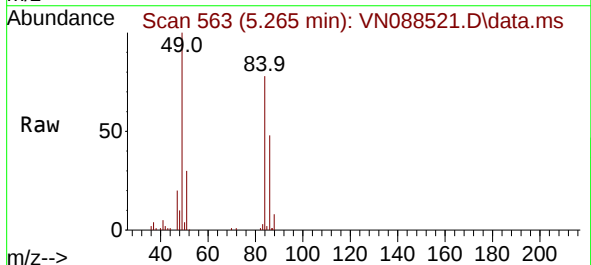
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

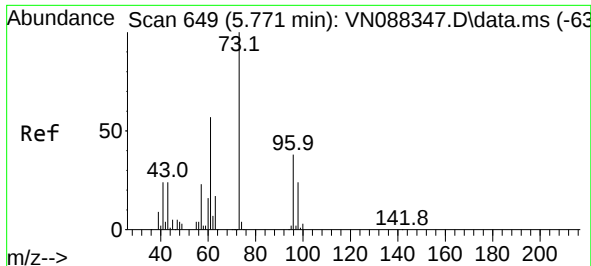
Tgt Ion: 73 Resp: 363843
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0



#20
Methylene Chloride
Concen: 22.925 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 84 Resp: 114670
Ion Ratio Lower Upper
84 100
49 128.3 110.2 165.2
51 38.7 34.1 51.1
86 61.0 52.6 78.8

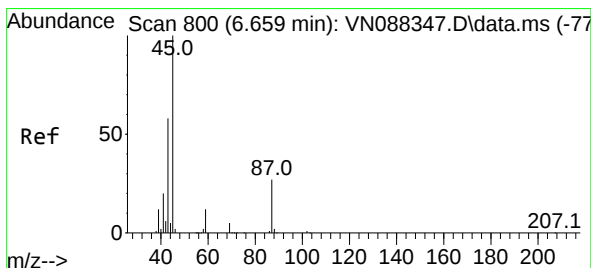
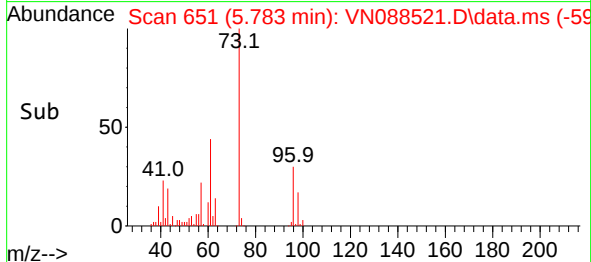
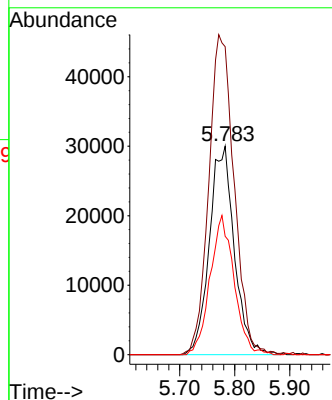
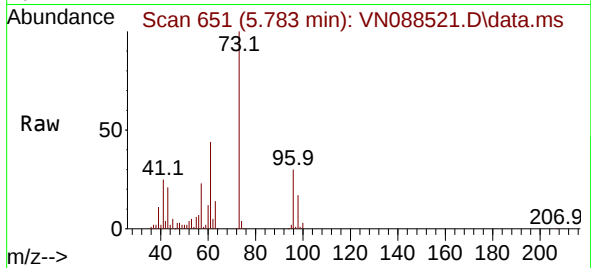




#21
trans-1,2-Dichloroethene
Concen: 20.346 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

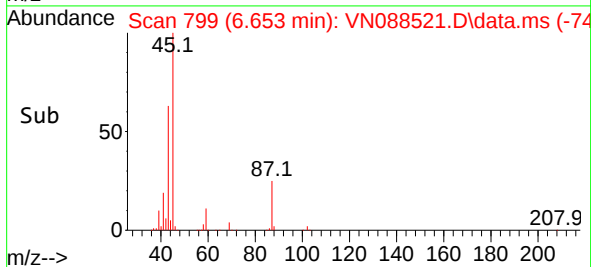
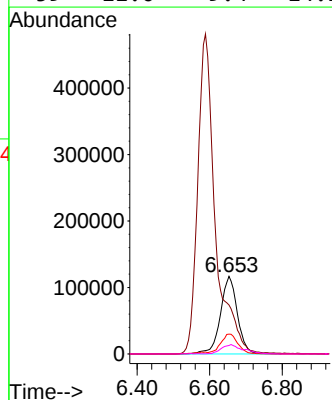
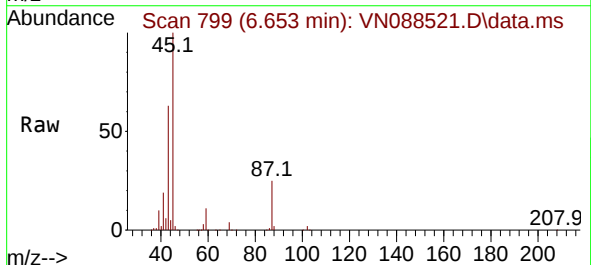
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

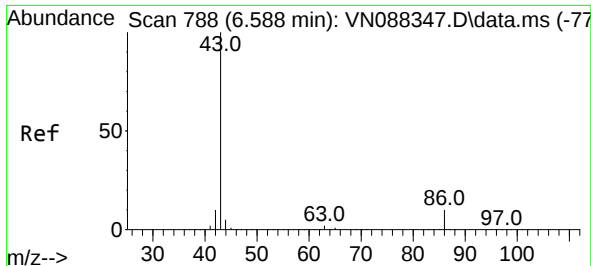
Tgt Ion: 96 Resp: 94362
Ion Ratio Lower Upper
96 100
61 147.7 122.4 183.6
98 56.8 50.9 76.3



#22
Diisopropyl ether
Concen: 22.808 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 45 Resp: 377859
Ion Ratio Lower Upper
45 100
43 62.7 47.4 71.2
87 25.5 21.9 32.9
59 11.0 9.4 14.2

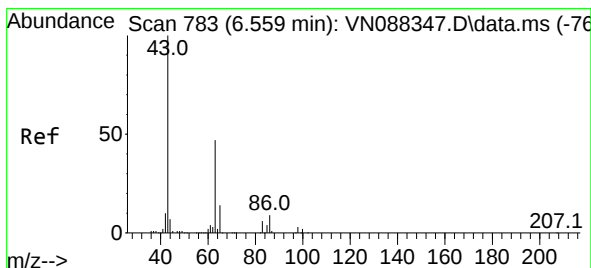
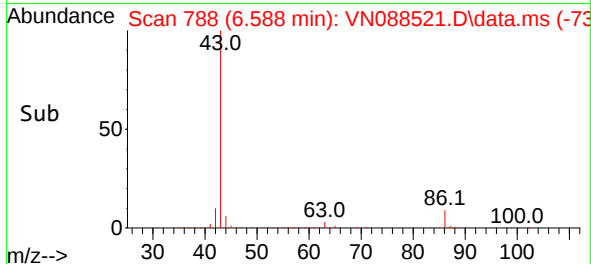
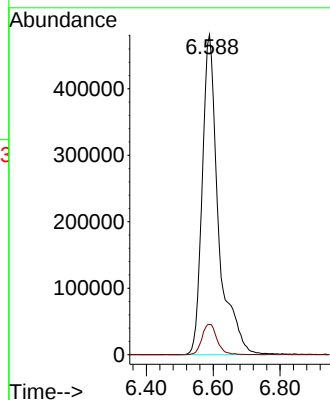
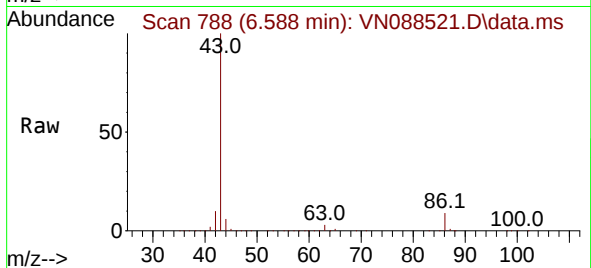




#23
 Vinyl Acetate
 Concen: 121.410 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

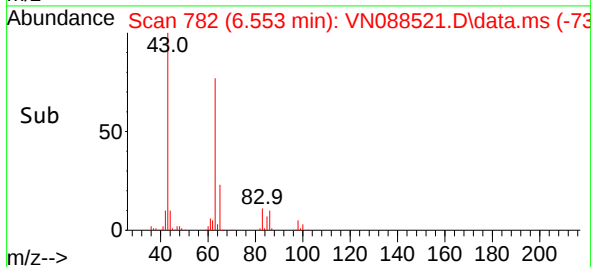
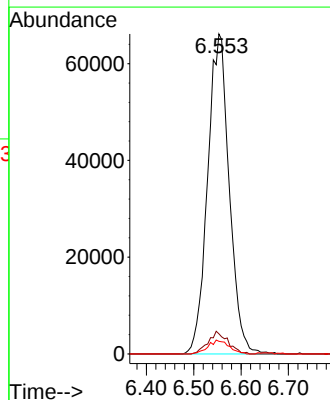
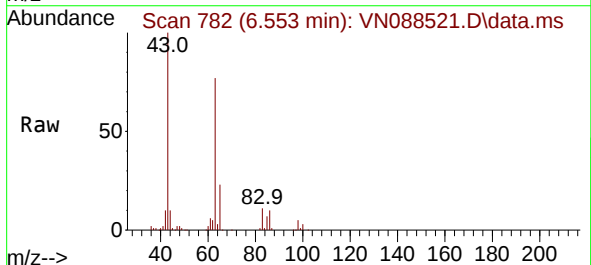
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD02

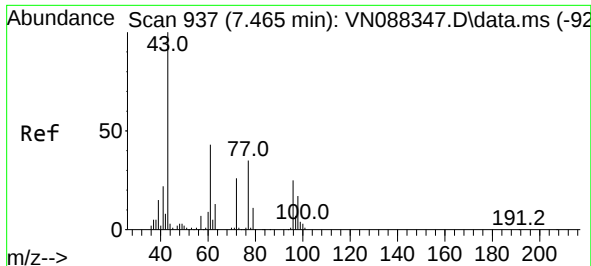
Tgt Ion: 43 Resp: 1620571
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 22.386 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

Tgt Ion: 63 Resp: 210023
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.9 1.9 5.7

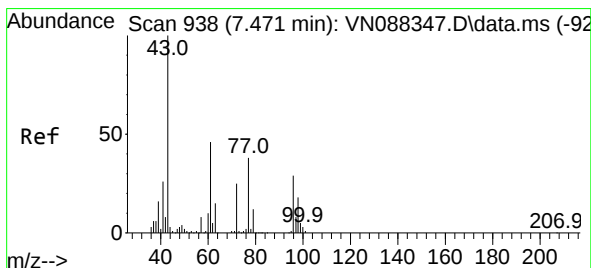
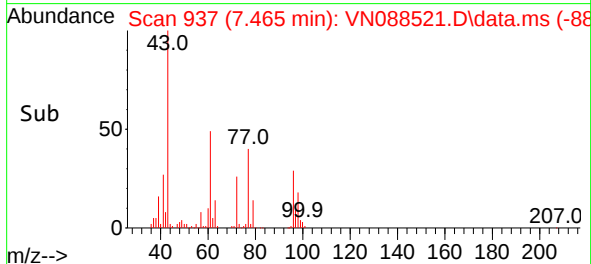
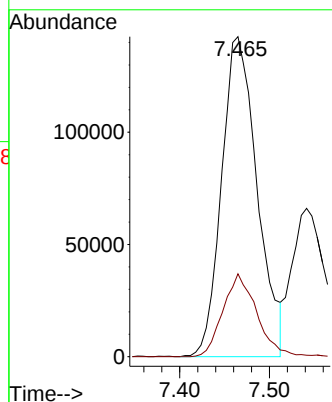
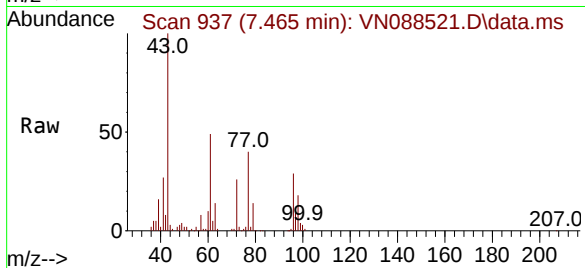




#25
2-Butanone
Concen: 104.462 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

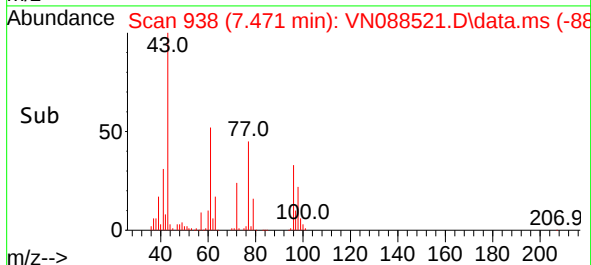
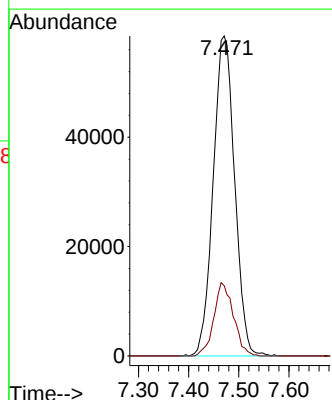
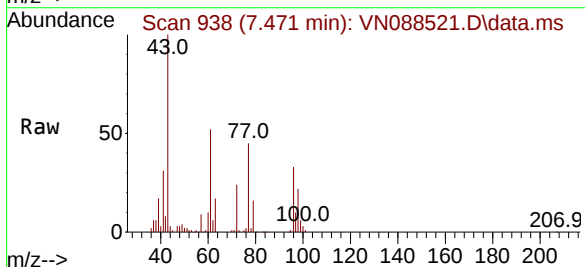
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

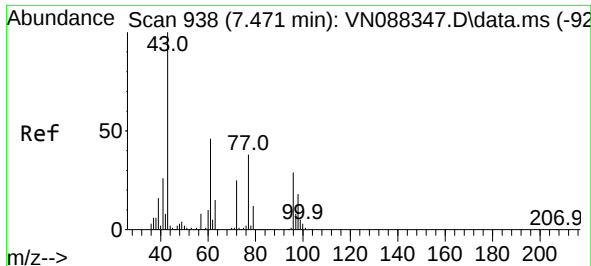
Tgt Ion: 43 Resp: 392622
Ion Ratio Lower Upper
43 100
72 25.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.503 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 77 Resp: 174133
Ion Ratio Lower Upper
77 100
97 20.9 10.3 30.9

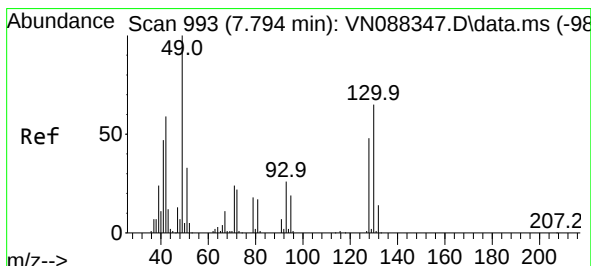
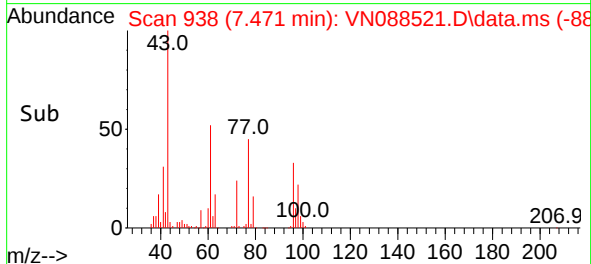
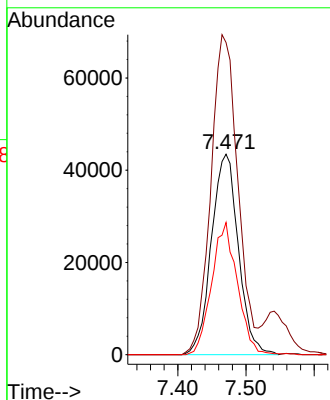
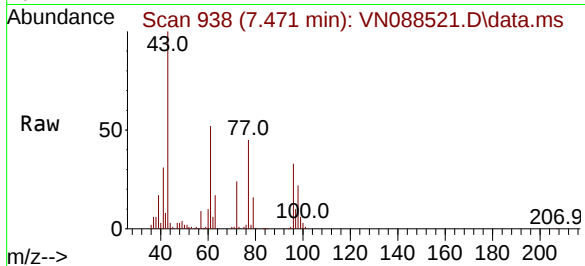




#27
 cis-1,2-Dichloroethene
 Concen: 22.215 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

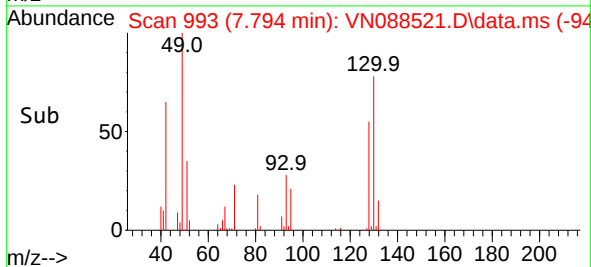
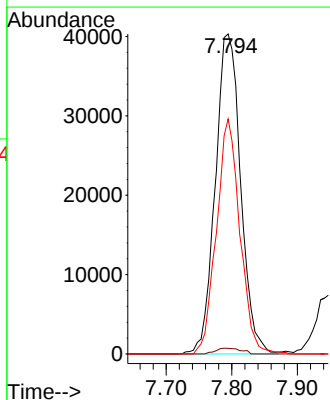
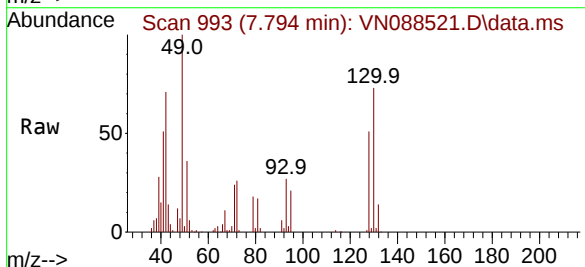
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD02

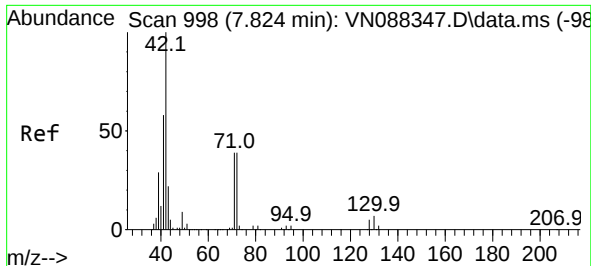
Tgt Ion: 96 Resp: 119739
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 323.6
 98 62.8 0.0 127.2



#28
 Bromochloromethane
 Concen: 23.120 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

Tgt Ion: 49 Resp: 108057
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 67.9 51.1 76.7

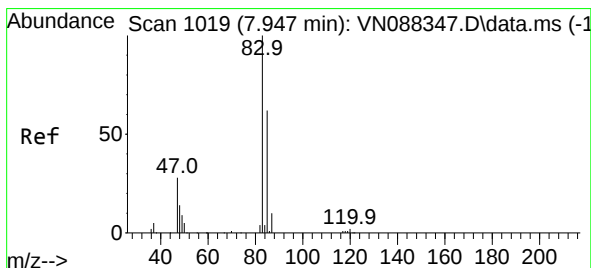
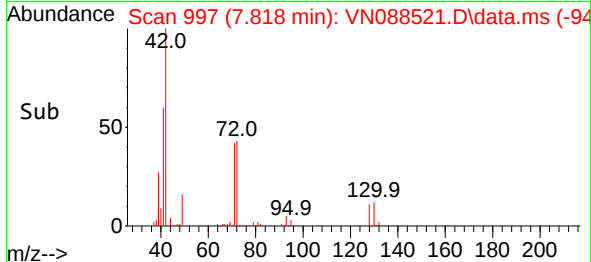
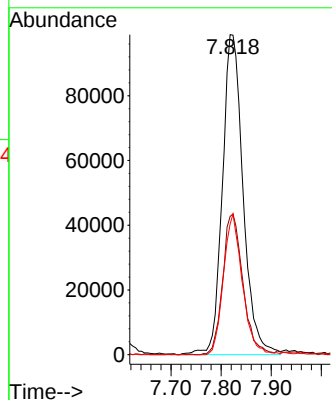
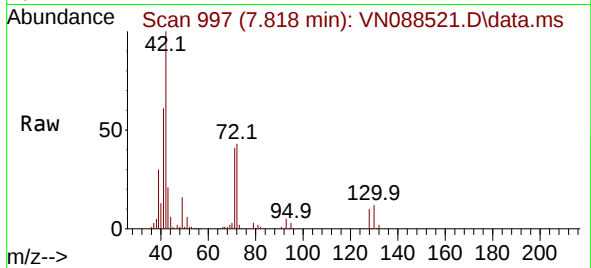




#29
Tetrahydrofuran
Concen: 105.446 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

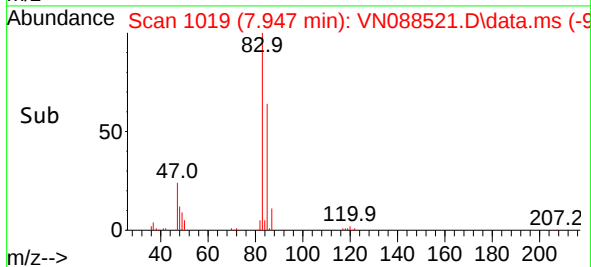
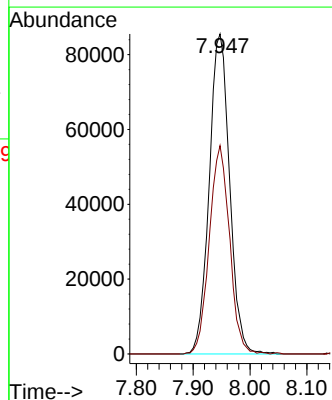
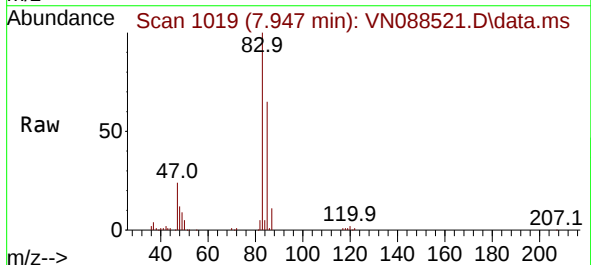
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

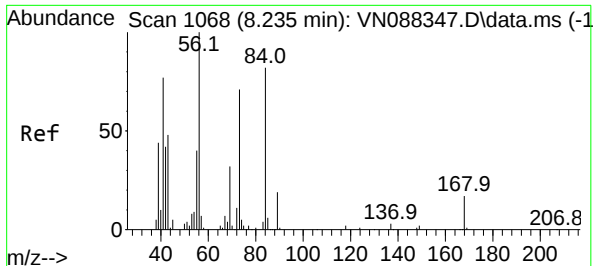
Tgt Ion: 42 Resp: 284268
Ion Ratio Lower Upper
42 100
72 42.7 32.2 48.4
71 40.1 31.1 46.7



#30
Chloroform
Concen: 23.102 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 83 Resp: 212978
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.8

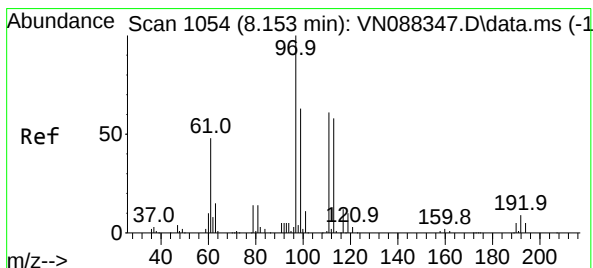
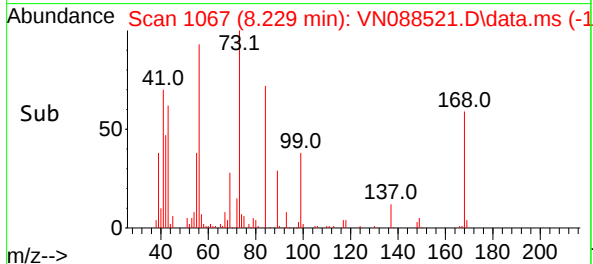
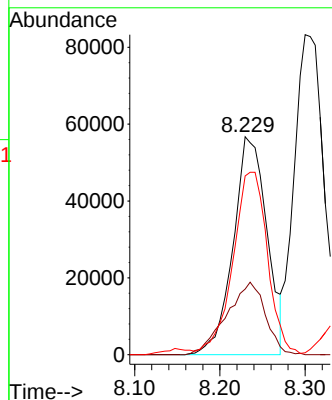
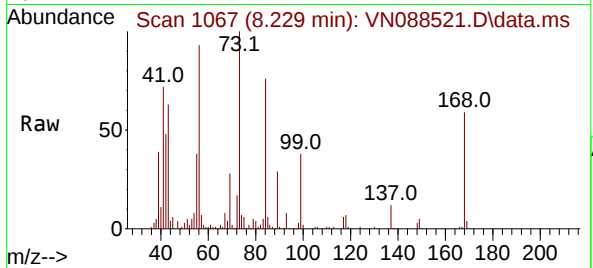




#31
Cyclohexane
Concen: 18.364 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

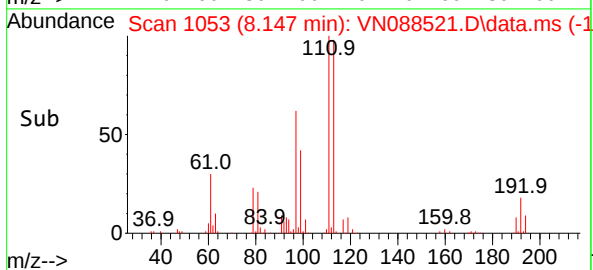
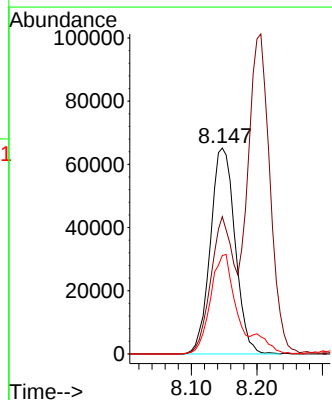
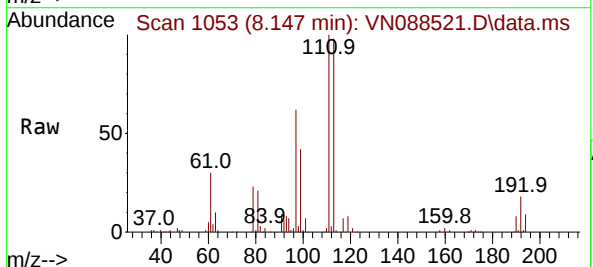
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

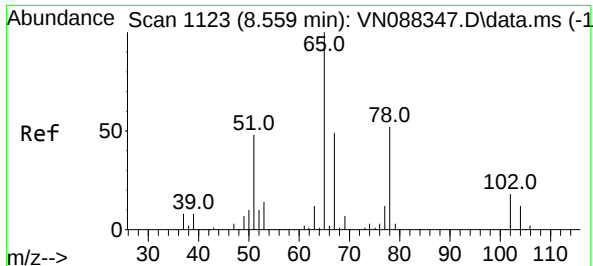
Tgt Ion: 56 Resp: 156127
Ion Ratio Lower Upper
56 100
69 29.4 25.3 37.9
84 79.6 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 20.987 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 97 Resp: 170118
Ion Ratio Lower Upper
97 100
99 62.0 50.8 76.2
61 48.2 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 56.434 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

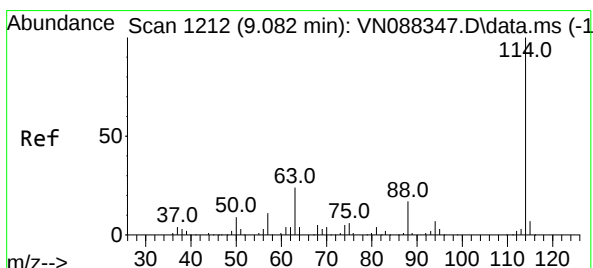
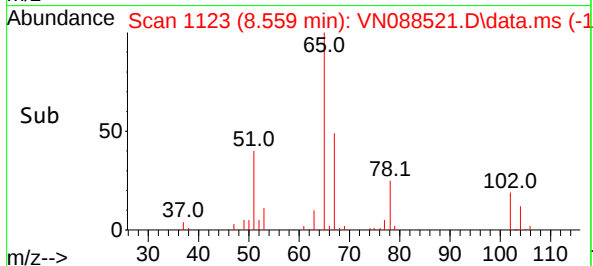
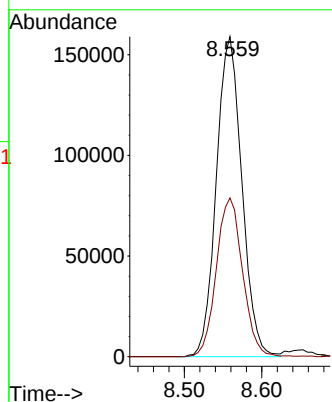
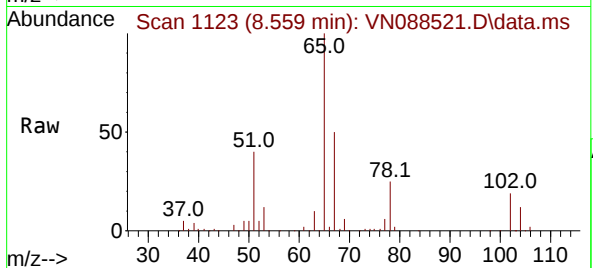
VN1216WBSD02

Tgt Ion: 65 Resp: 364826

Ion Ratio Lower Upper

65 100

67 50.9 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: VN088521.D

Acq: 16 Dec 2025 12:44

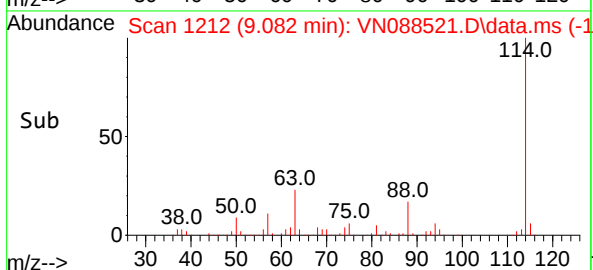
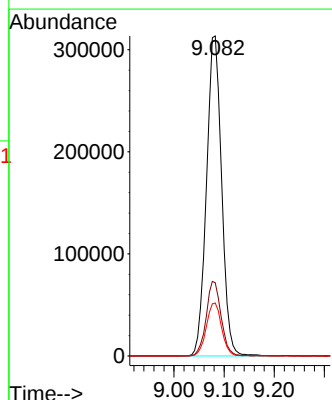
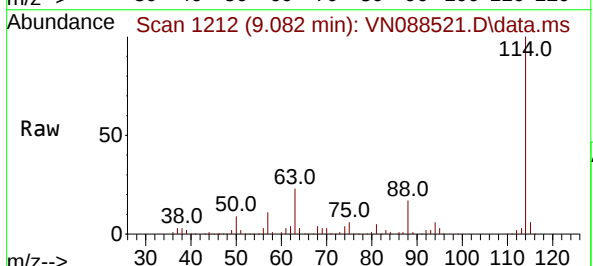
Tgt Ion: 114 Resp: 658199

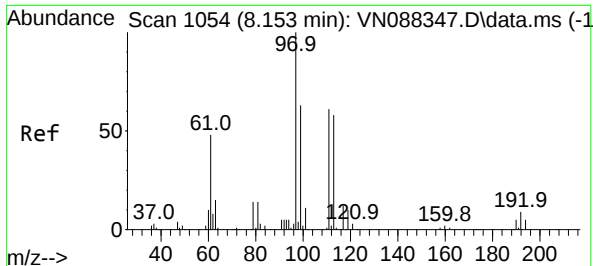
Ion Ratio Lower Upper

114 100

63 22.9 0.0 49.0

88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 55.012 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

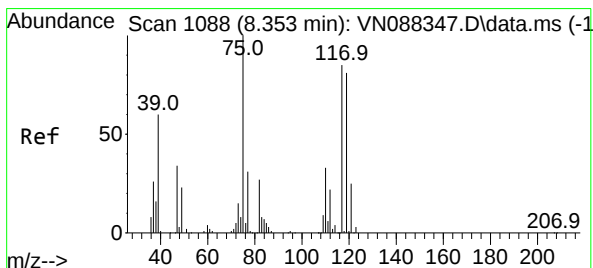
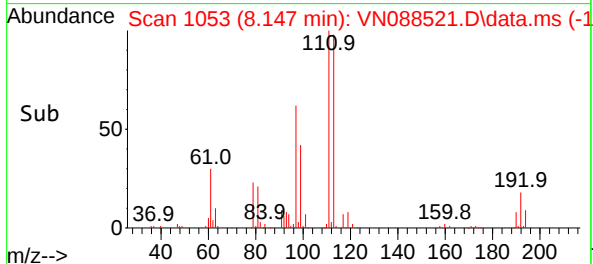
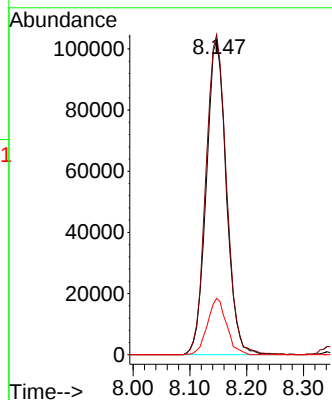
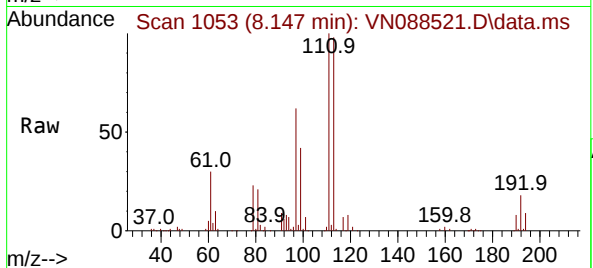
Tgt Ion:113 Resp: 250926

Ion Ratio Lower Upper

113 100

111 104.7 82.5 123.7

192 17.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 17.904 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

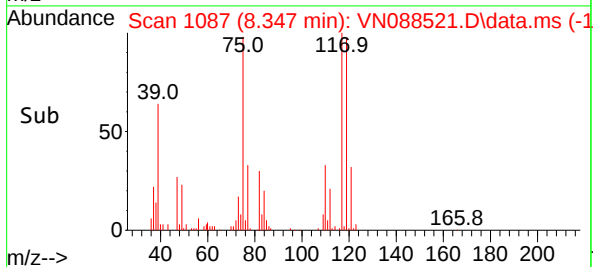
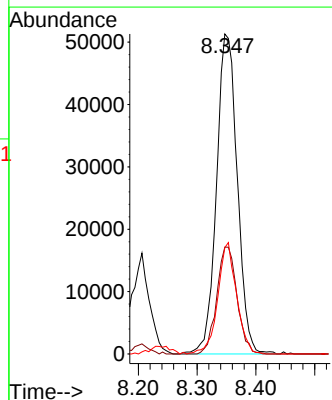
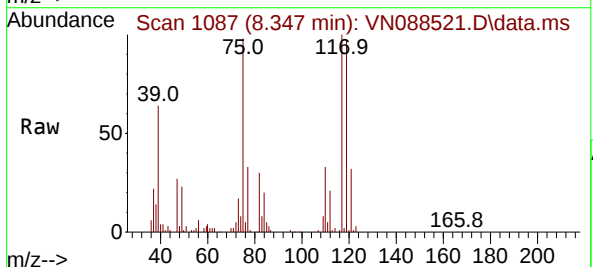
Tgt Ion: 75 Resp: 126033

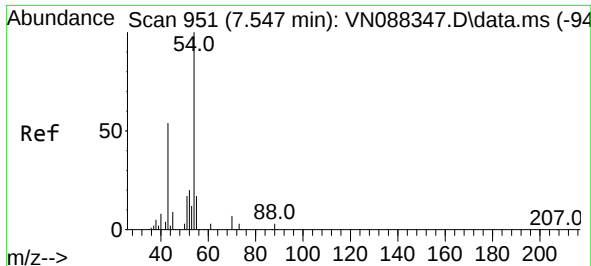
Ion Ratio Lower Upper

75 100

110 32.6 15.8 47.4

77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 19.300 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

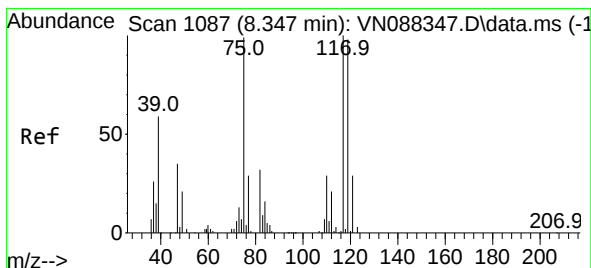
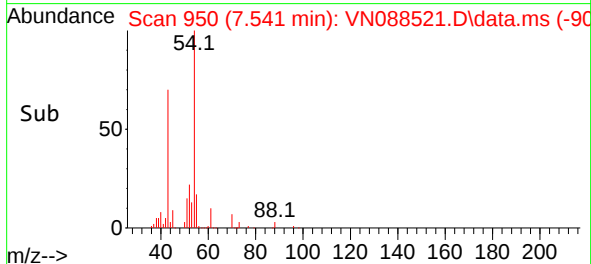
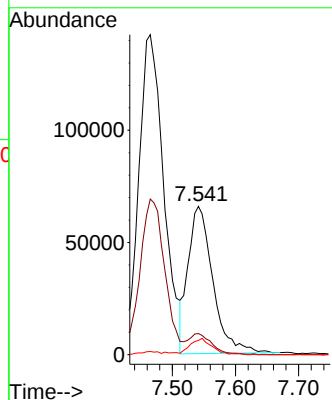
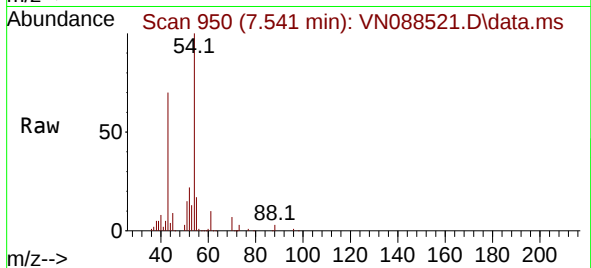
Tgt Ion: 43 Resp: 178643

Ion Ratio Lower Upper

43 100

61 13.5 9.5 14.3

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.855 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

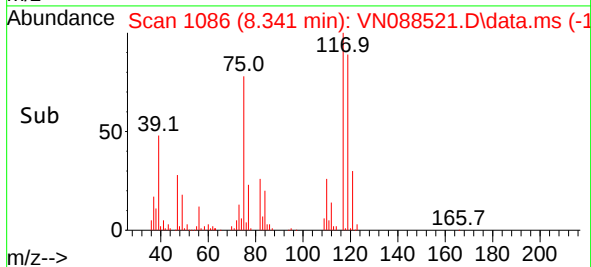
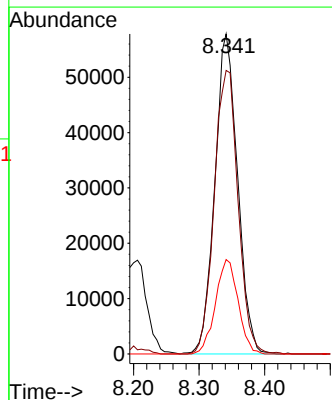
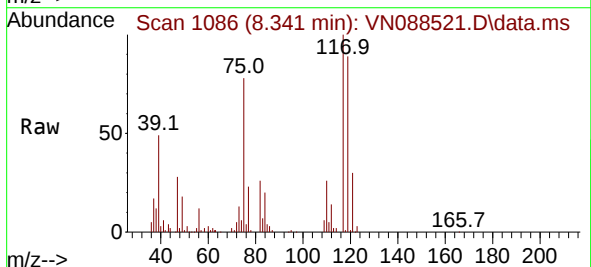
Tgt Ion: 117 Resp: 139142

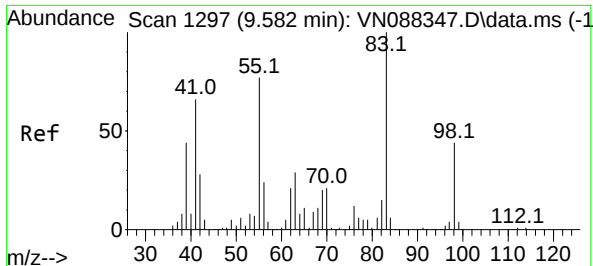
Ion Ratio Lower Upper

117 100

119 88.6 78.2 117.4

121 29.5 23.4 35.2





#39

Methylcyclohexane

Concen: 16.091 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

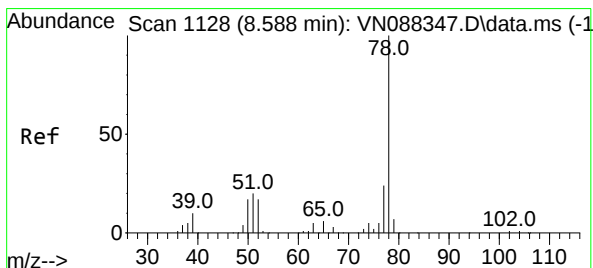
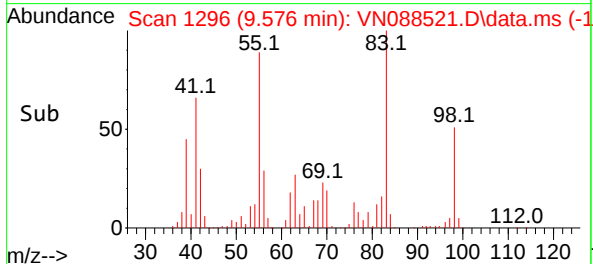
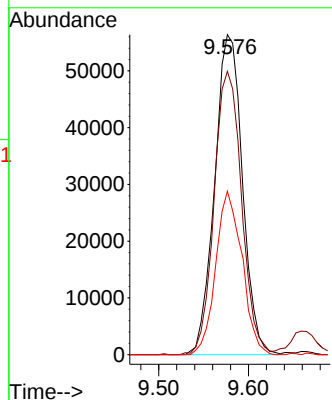
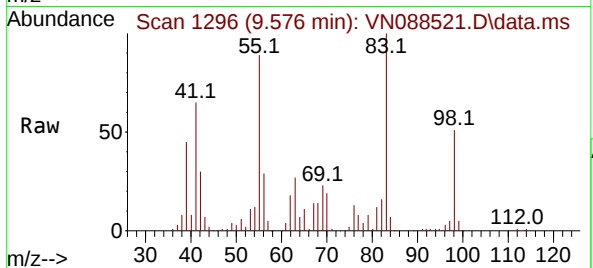
Tgt Ion: 83 Resp: 121159

Ion Ratio Lower Upper

83 100

55 88.6 61.6 92.4

98 51.1 35.3 52.9



#40

Benzene

Concen: 20.860 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088521.D

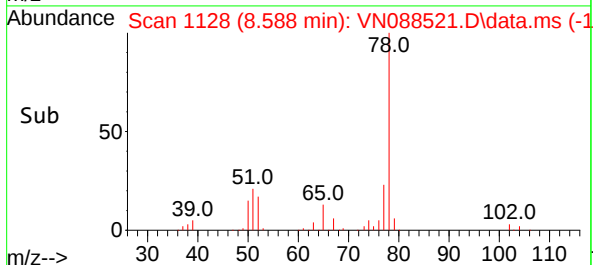
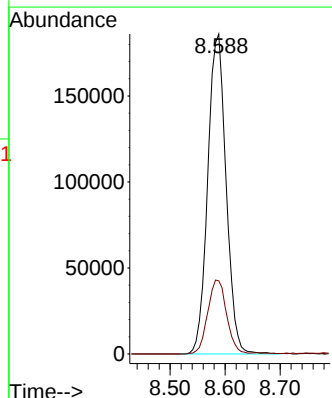
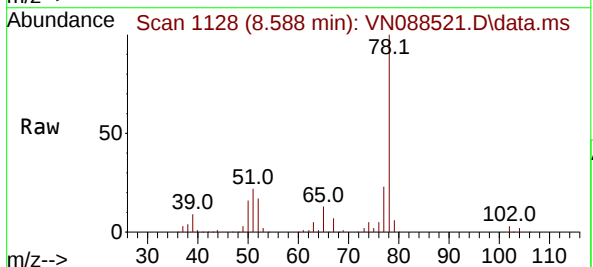
Acq: 16 Dec 2025 12:44

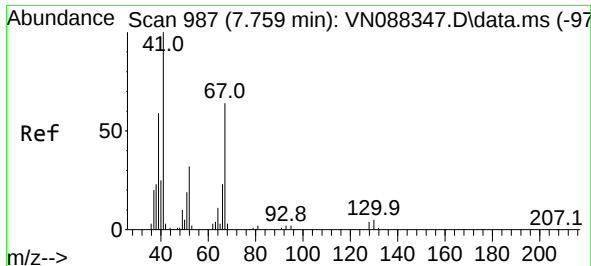
Tgt Ion: 78 Resp: 430982

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.4

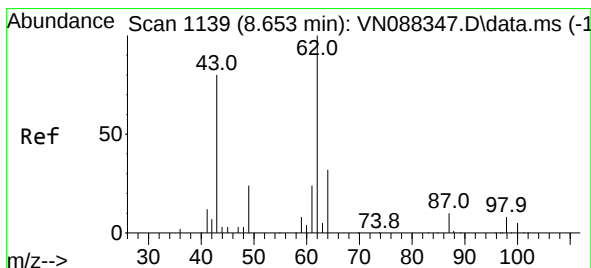
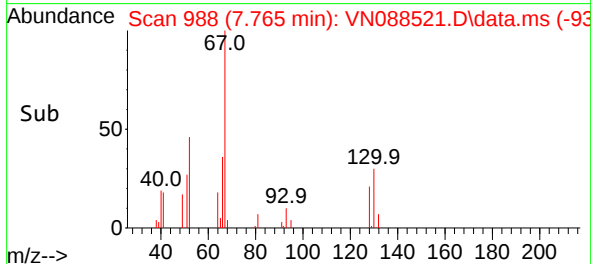
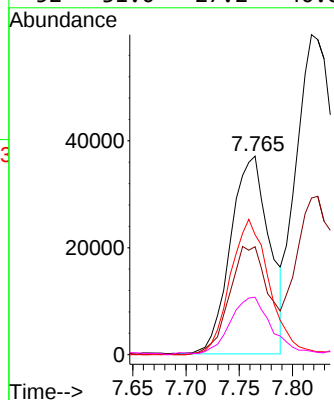
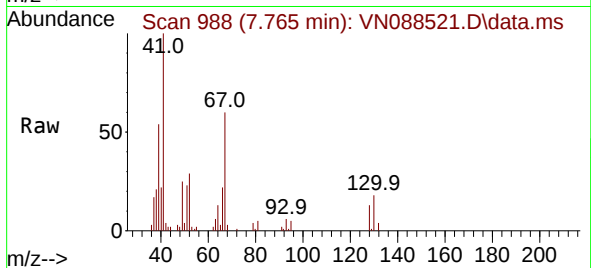




#41
Methacrylonitrile
Concen: 20.478 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

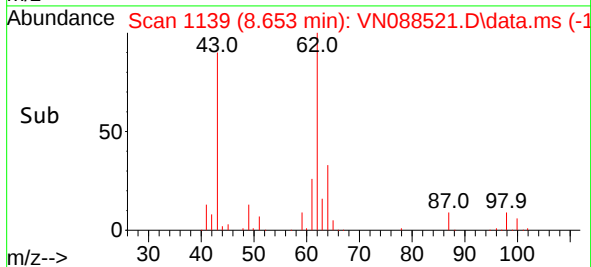
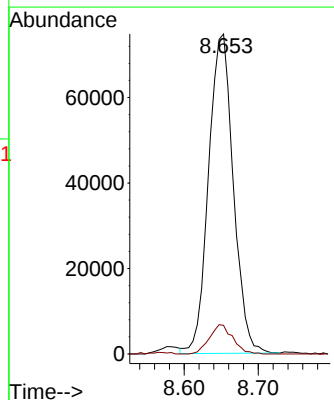
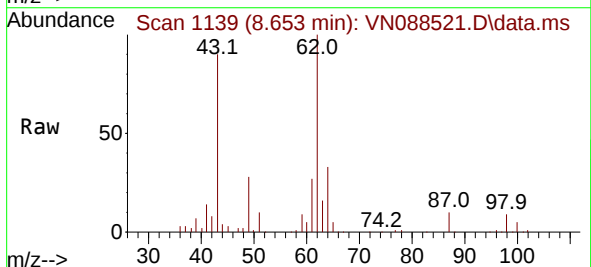
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

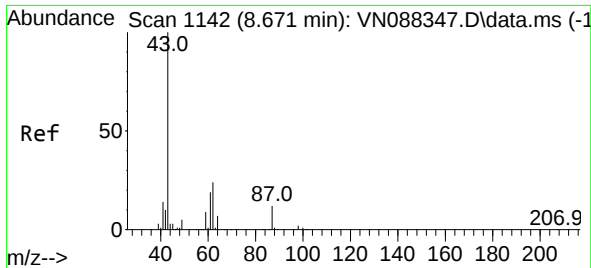
Tgt Ion:	41	Resp:	93883
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.3	69.5
67	69.6	54.7	82.1
52	31.0	27.2	40.8



#42
1,2-Dichloroethane
Concen: 22.015 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:	62	Resp:	173535
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.2

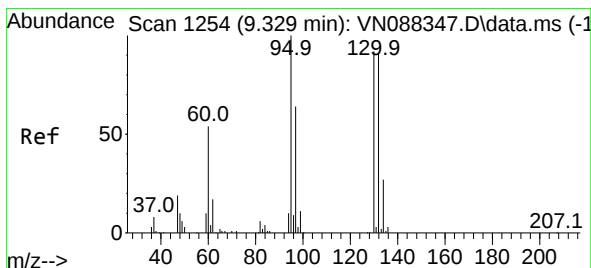
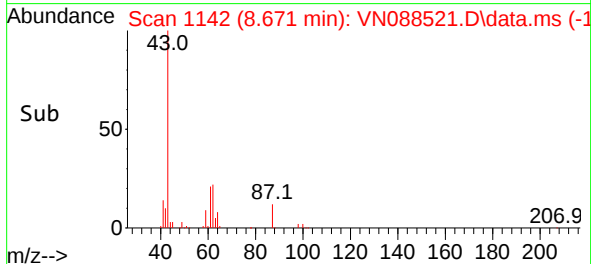
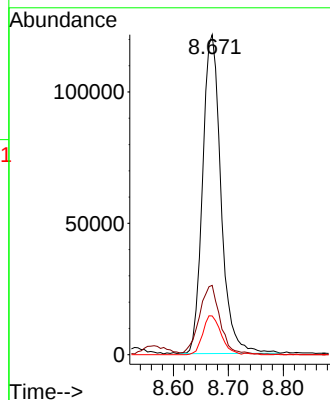
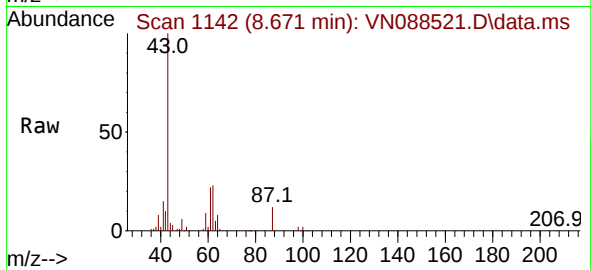




#43
Isopropyl Acetate
Concen: 19.938 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

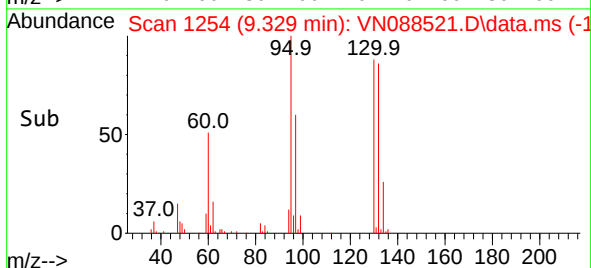
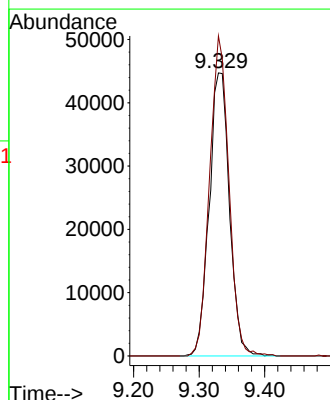
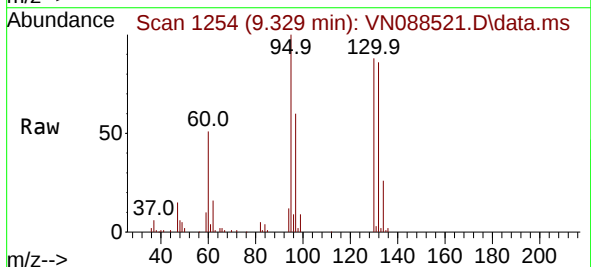
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

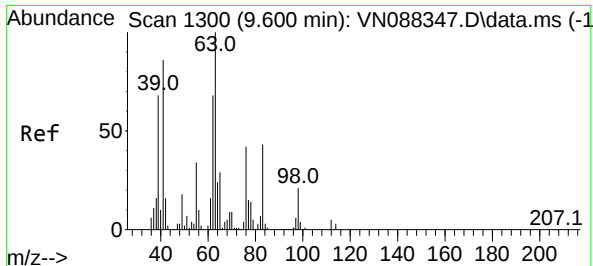
Tgt Ion: 43 Resp: 281973
Ion Ratio Lower Upper
43 100
61 25.0 18.7 28.1
87 12.2 9.1 13.7



#44
Trichloroethene
Concen: 19.719 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:130 Resp: 96264
Ion Ratio Lower Upper
130 100
95 113.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 21.953 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

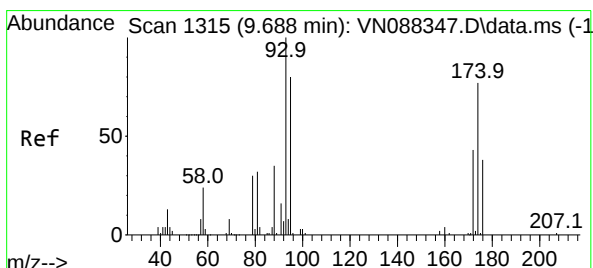
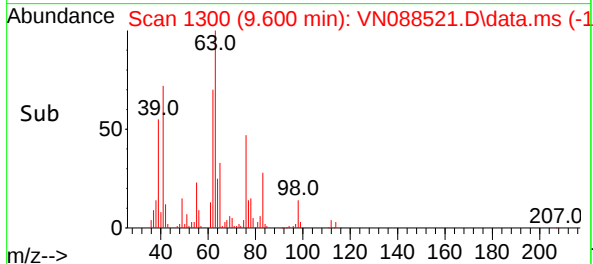
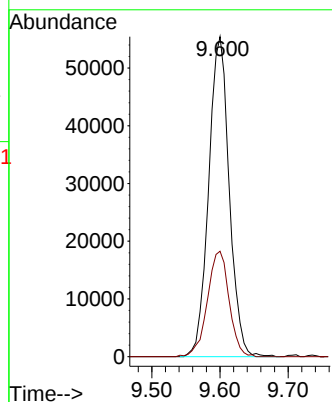
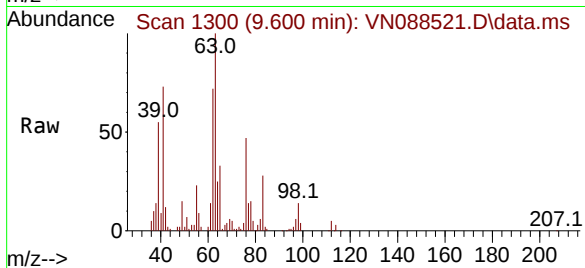
VN1216WBSD02

Tgt Ion: 63 Resp: 116207

Ion Ratio Lower Upper

63 100

65 33.0 23.0 34.4



#46

Dibromomethane

Concen: 21.967 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

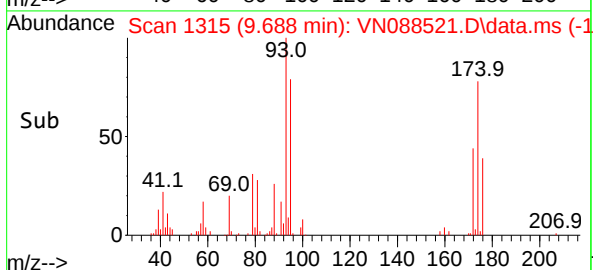
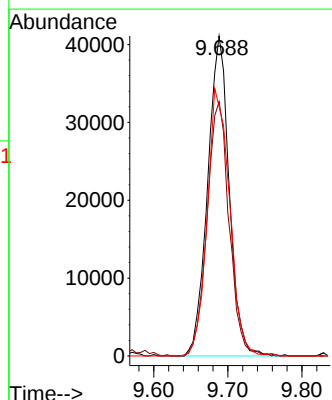
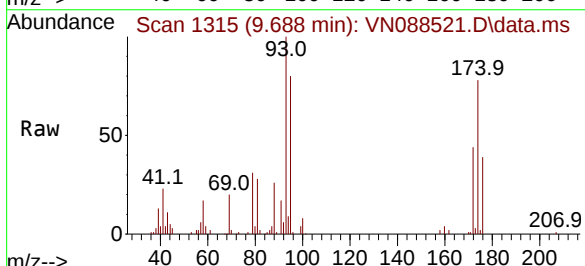
Tgt Ion: 93 Resp: 82987

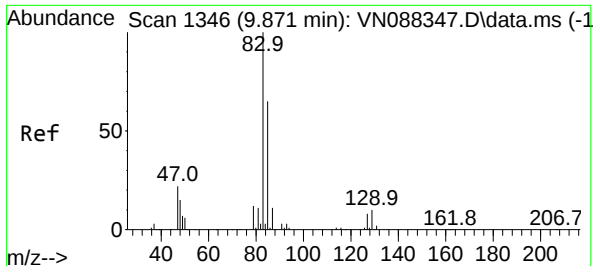
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.6

174 86.8 64.3 96.5





#47

Bromodichloromethane

Concen: 22.682 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

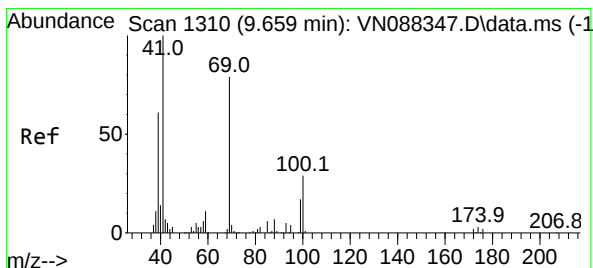
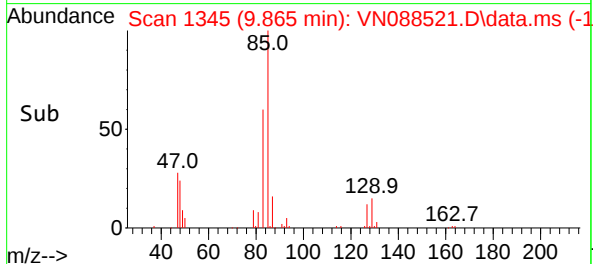
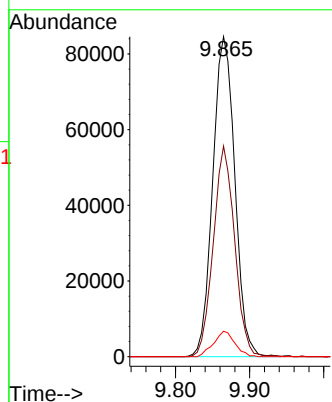
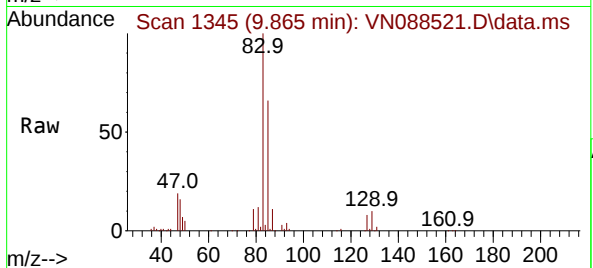
Tgt Ion: 83 Resp: 174838

Ion Ratio Lower Upper

83 100

85 65.8 51.9 77.9

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 20.650 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

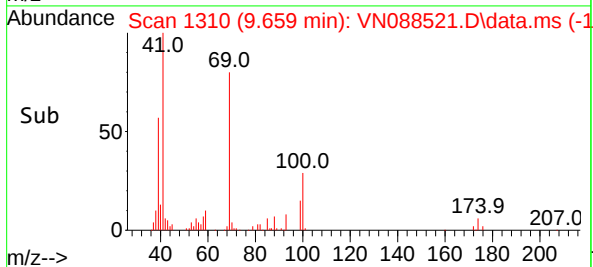
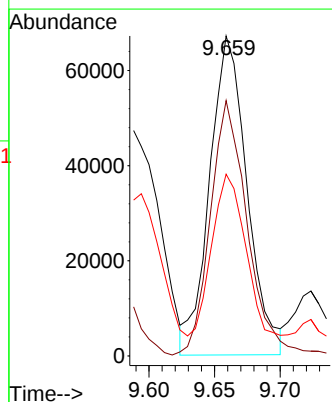
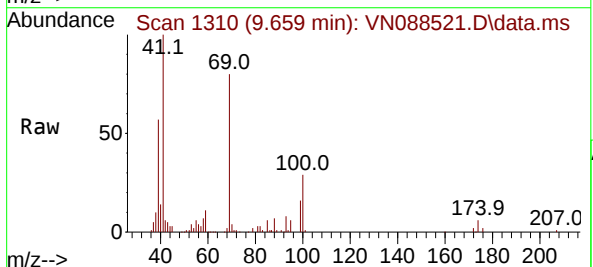
Tgt Ion: 41 Resp: 133245

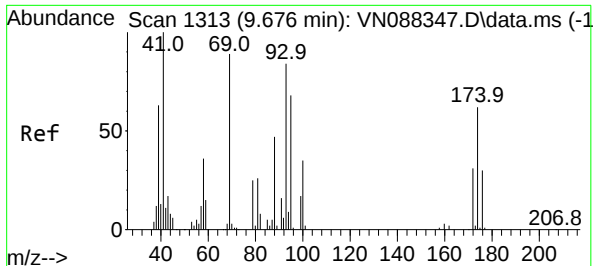
Ion Ratio Lower Upper

41 100

69 79.3 62.4 93.6

39 57.0 52.6 79.0





#49

1,4-Dioxane

Concen: 358.198 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

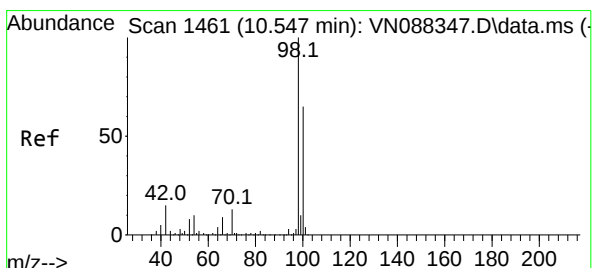
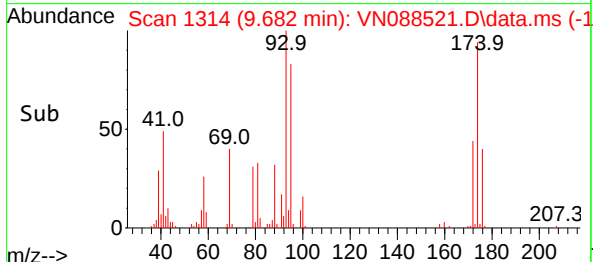
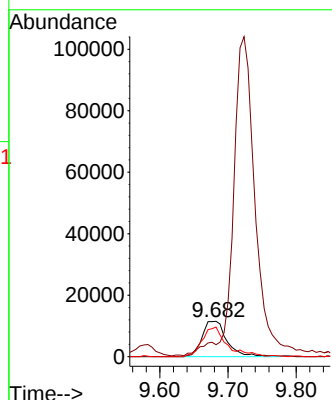
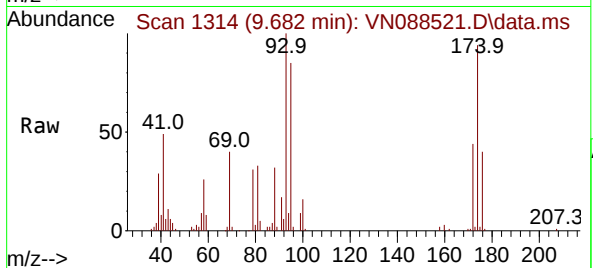
Tgt Ion: 88 Resp: 29394

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.9 62.0 93.0



#50

Toluene-d8

Concen: 52.770 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088521.D

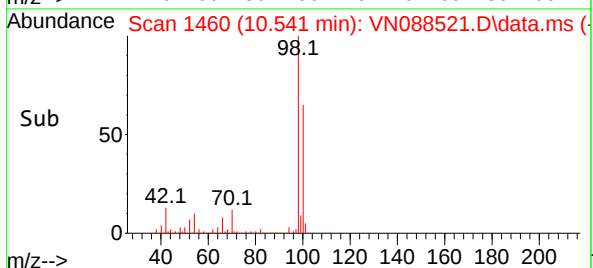
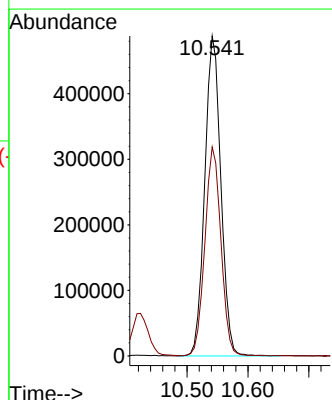
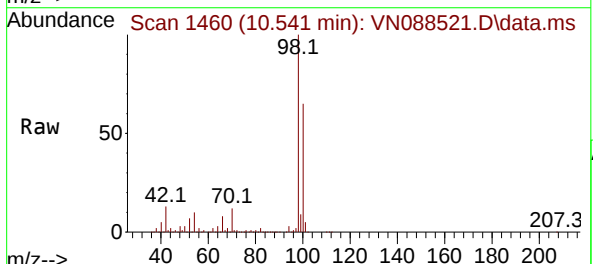
Acq: 16 Dec 2025 12:44

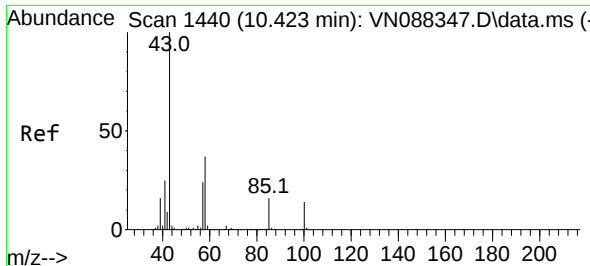
Tgt Ion: 98 Resp: 895597

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

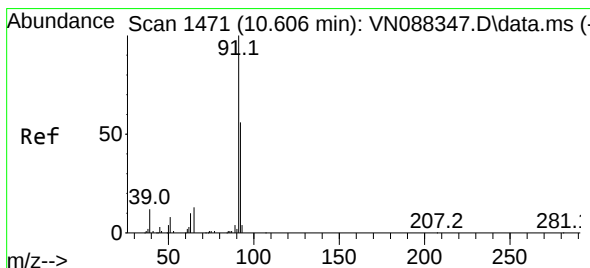
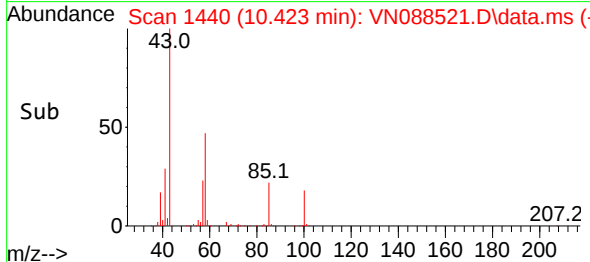
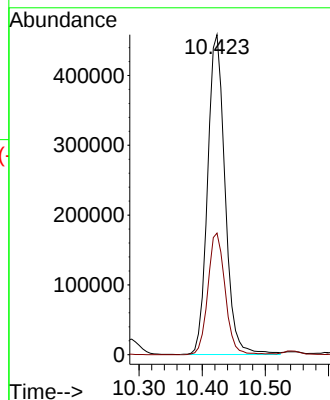
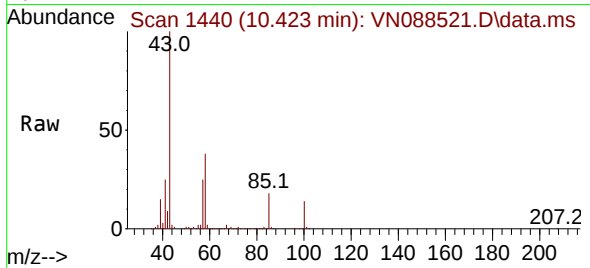




#51
4-Methyl-2-Pentanone
Concen: 105.572 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

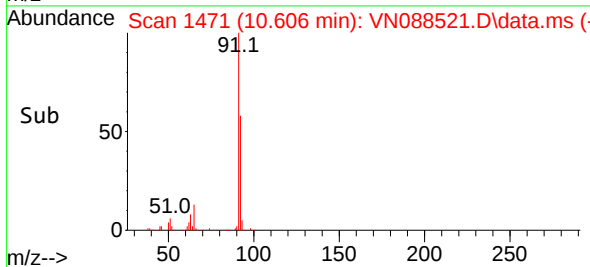
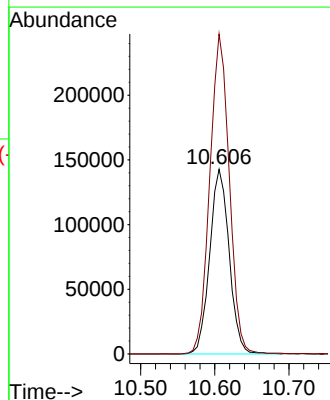
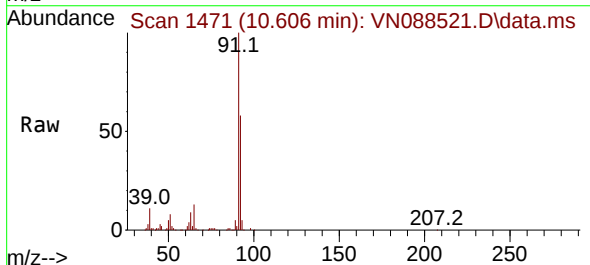
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

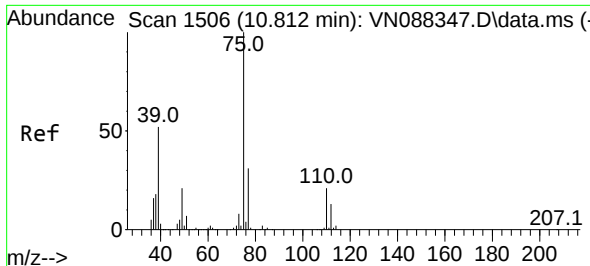
Tgt Ion: 43 Resp: 880035
Ion Ratio Lower Upper
43 100
58 37.6 29.1 43.7



#52
Toluene
Concen: 21.806 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 92 Resp: 260153
Ion Ratio Lower Upper
92 100
91 173.8 140.2 210.2

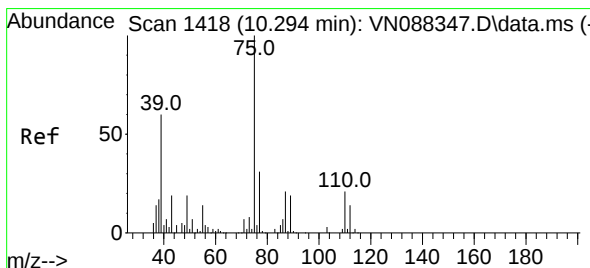
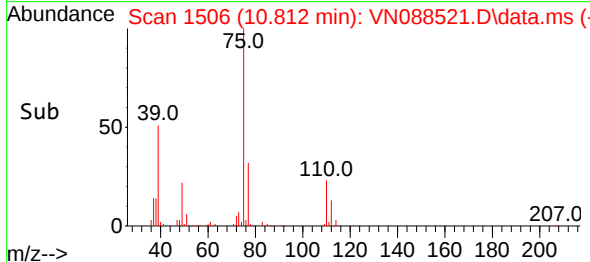
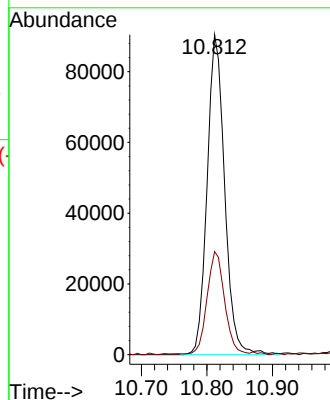
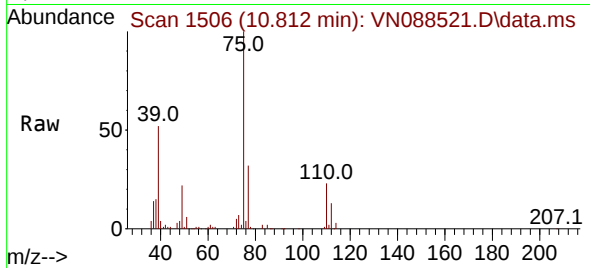




#53
t-1,3-Dichloropropene
Concen: 21.257 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

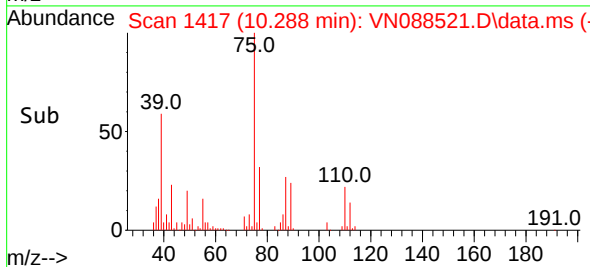
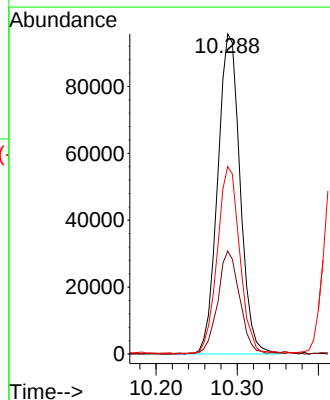
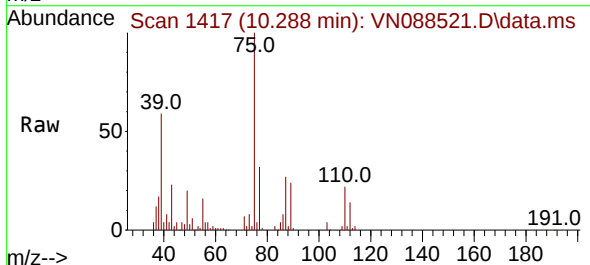
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

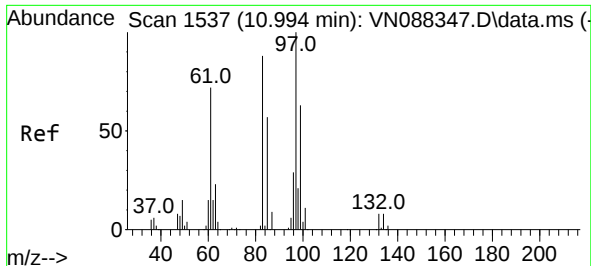
Tgt Ion: 75 Resp: 168187
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 22.067 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 75 Resp: 183608
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 58.3 48.3 72.5

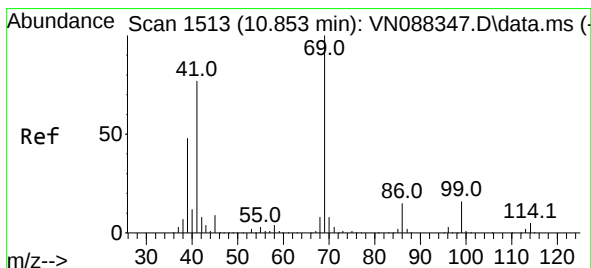
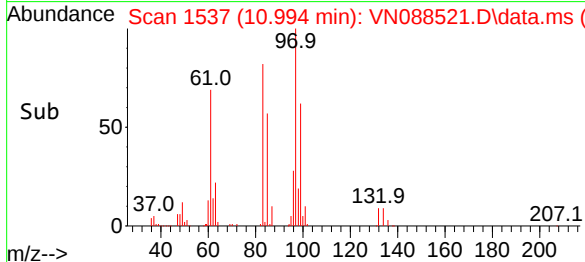
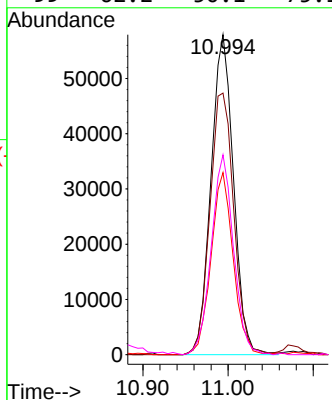
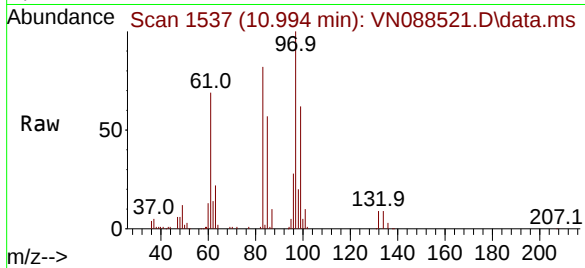




#55
 1,1,2-Trichloroethane
 Concen: 23.004 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

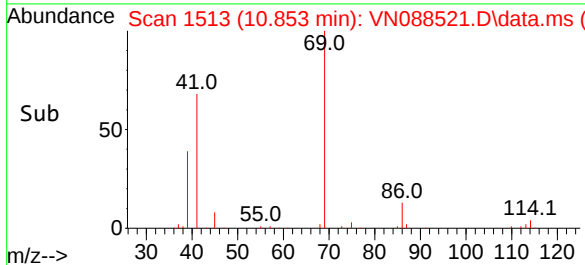
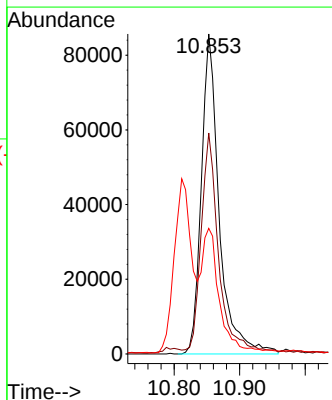
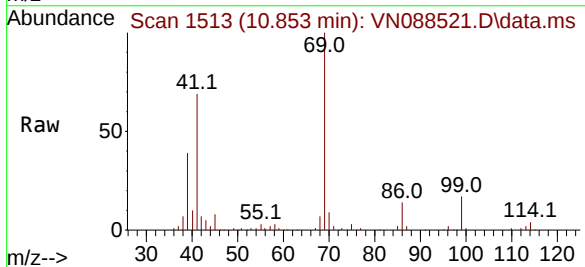
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD02

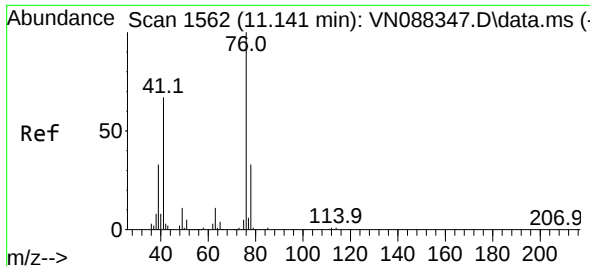
Tgt Ion:	97	Resp:	106181
Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.4	105.6
85	56.9	45.4	68.2
99	62.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 22.302 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

Tgt Ion:	69	Resp:	162604
Ion	Ratio	Lower	Upper
69	100		
41	67.2	59.6	89.4
39	37.5	36.4	54.6

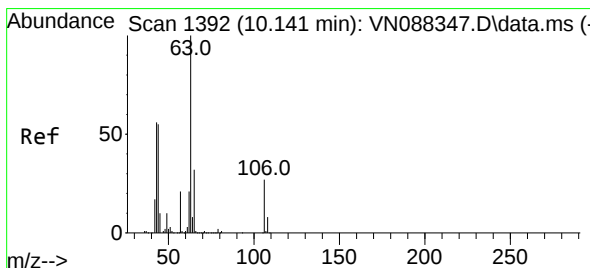
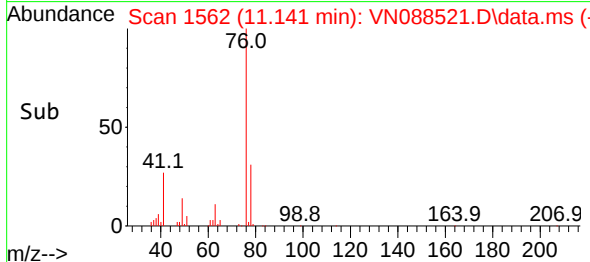
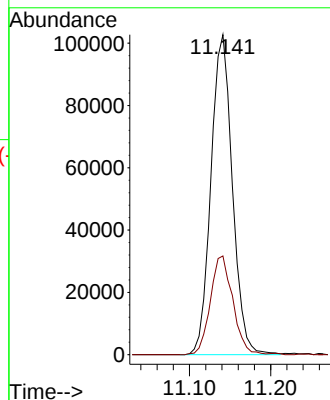
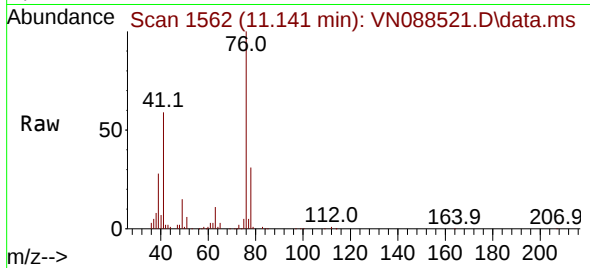




#57
1,3-Dichloropropane
Concen: 22.632 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

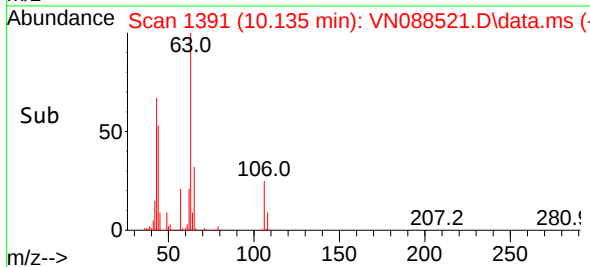
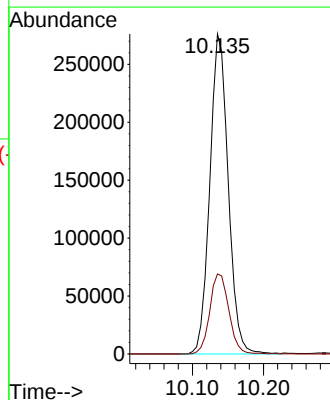
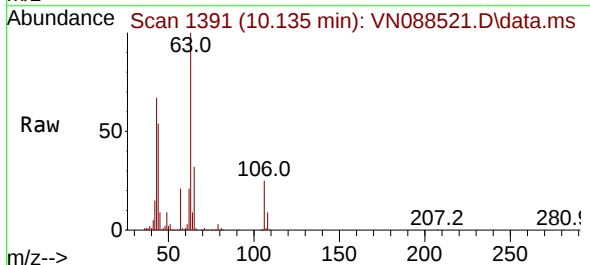
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

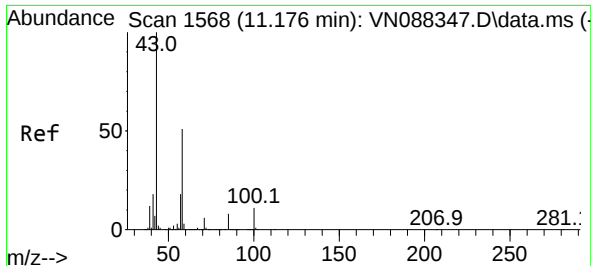
Tgt Ion: 76 Resp: 188455
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 118.109 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 63 Resp: 496463
Ion Ratio Lower Upper
63 100
106 25.9 20.5 30.7

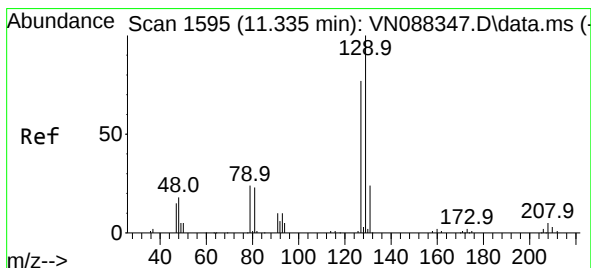
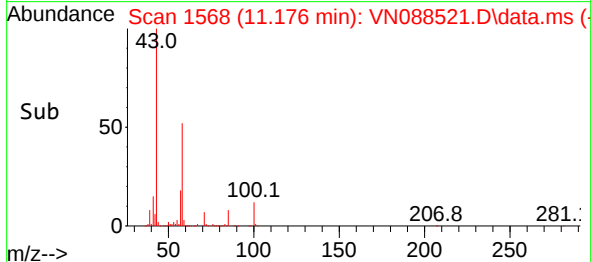
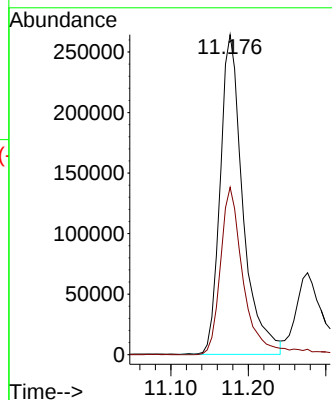
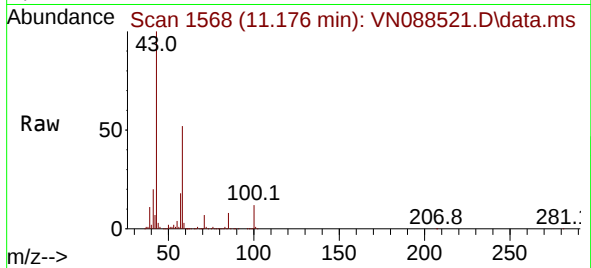




#59
2-Hexanone
Concen: 102.354 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

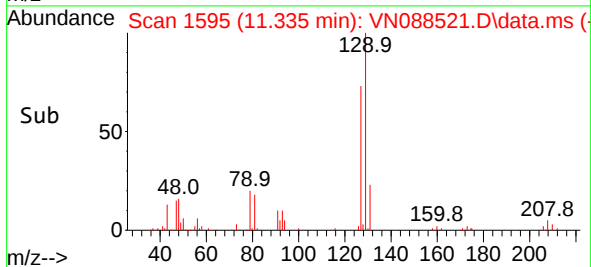
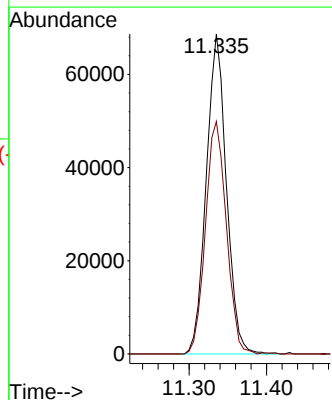
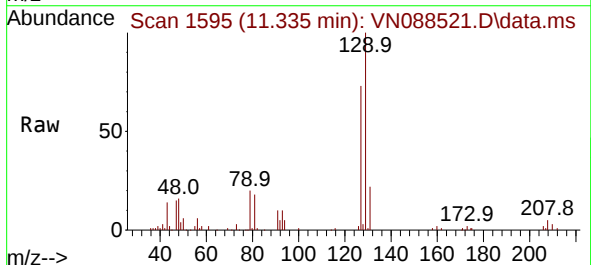
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

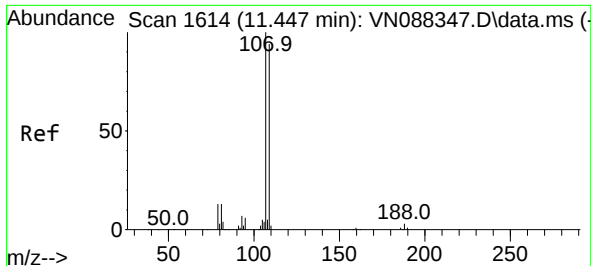
Tgt Ion: 43 Resp: 537486
Ion Ratio Lower Upper
43 100
58 54.1 25.3 75.9



#60
Dibromochloromethane
Concen: 23.529 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:129 Resp: 123809
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6

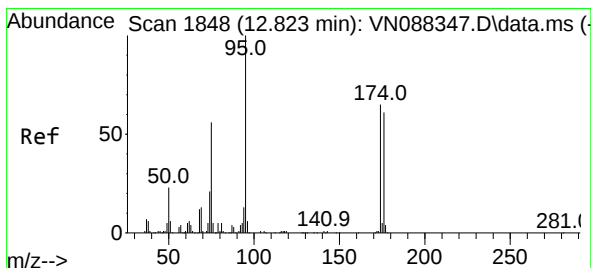
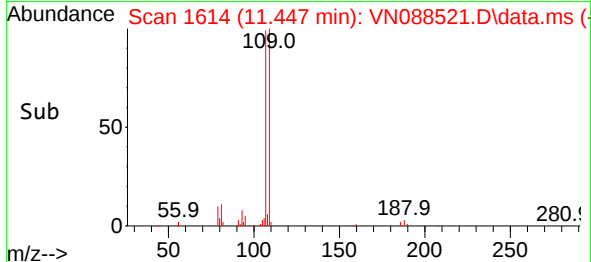
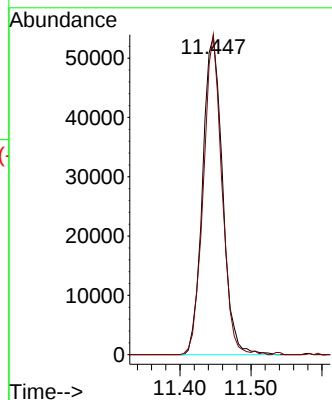
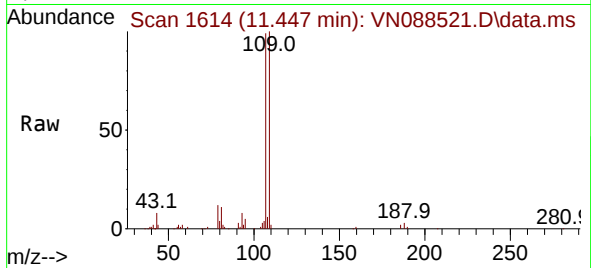




#61
1,2-Dibromoethane
Concen: 22.370 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

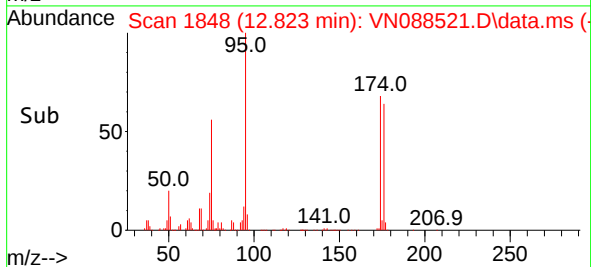
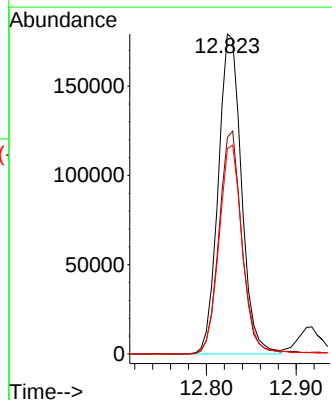
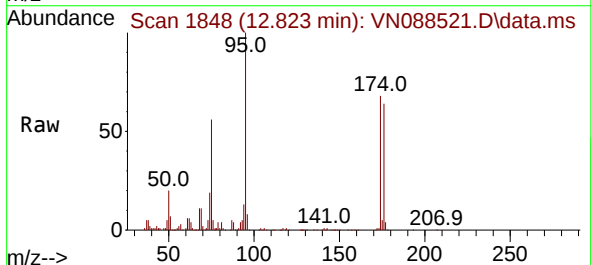
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

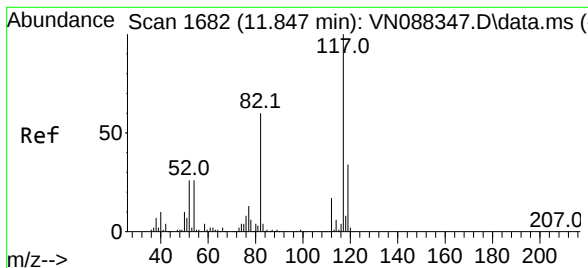
Tgt Ion:107 Resp: 104558
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.299 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 95 Resp: 322021
Ion Ratio Lower Upper
95 100
174 68.8 0.0 139.0
176 66.0 0.0 132.4

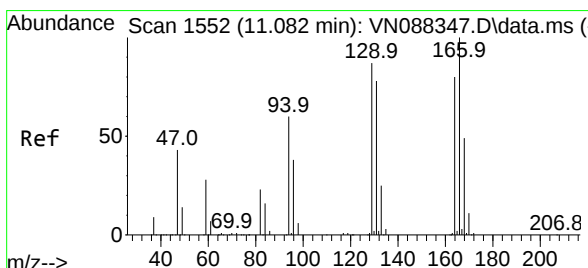
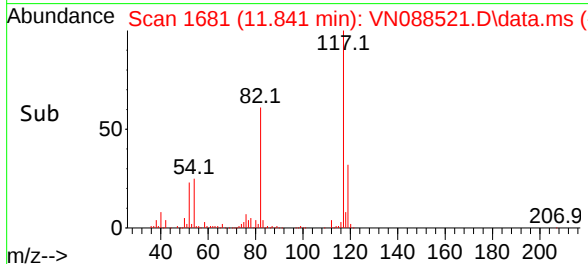
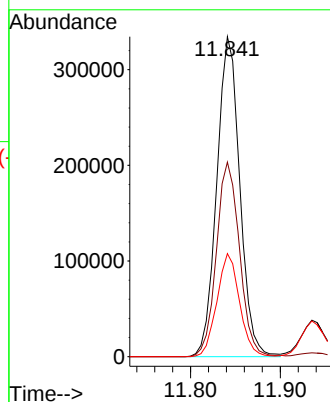
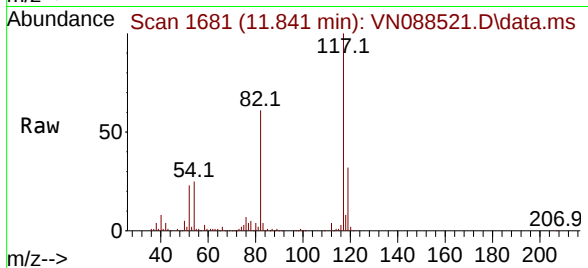




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

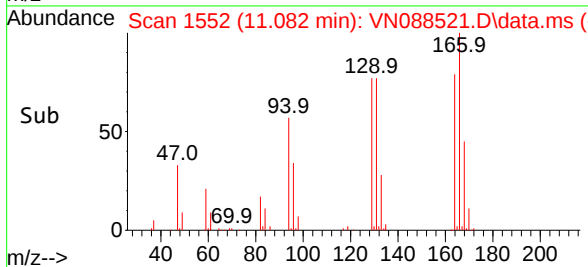
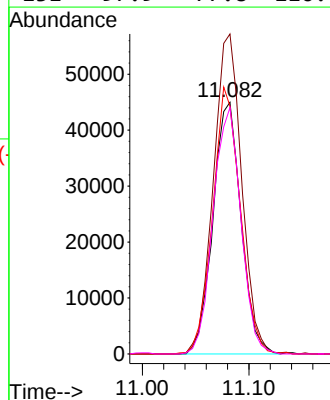
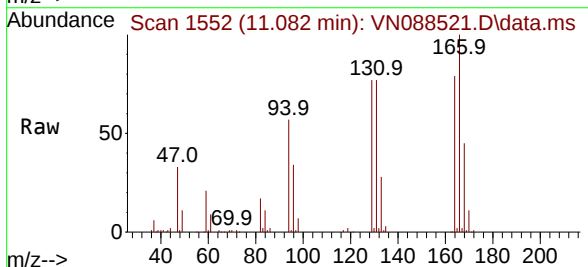
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

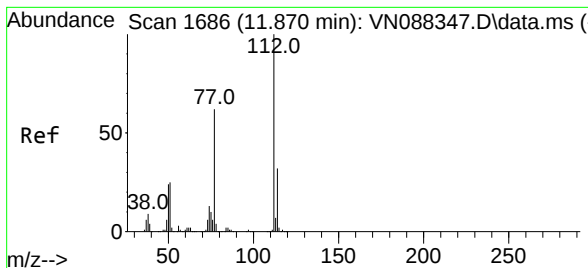
Tgt Ion:117 Resp: 596760
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.2 26.9 40.3



#64
Tetrachloroethene
Concen: 17.374 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:164 Resp: 82194
Ion Ratio Lower Upper
164 100
166 127.1 99.6 149.4
129 98.1 86.6 129.8
131 97.9 77.8 116.6





#65

Chlorobenzene

Concen: 21.158 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

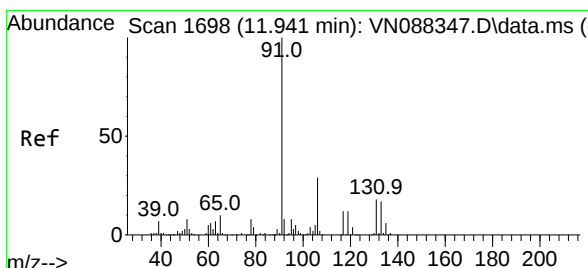
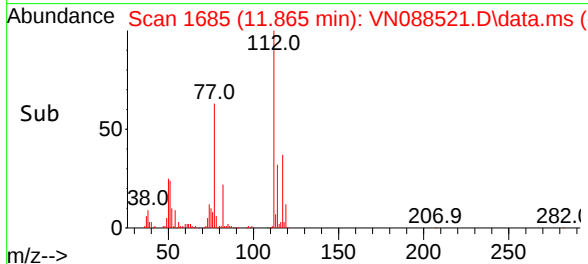
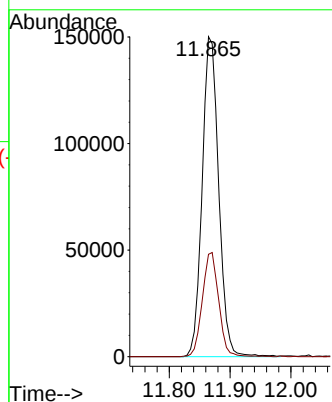
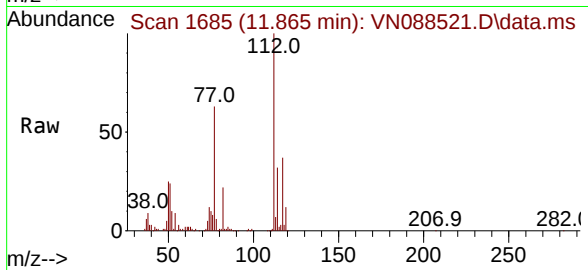
VN1216WBSD02

Tgt Ion:112 Resp: 283608

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 22.441 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

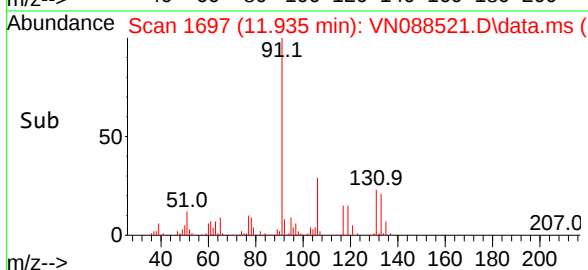
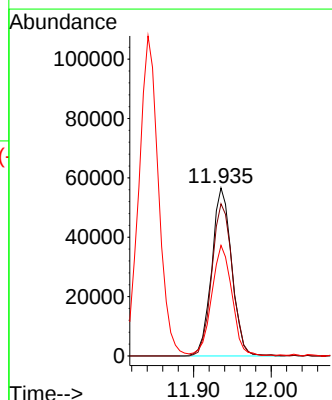
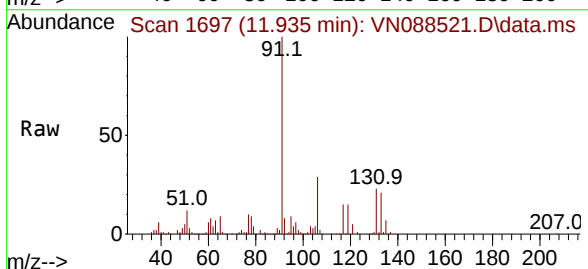
Tgt Ion:131 Resp: 101454

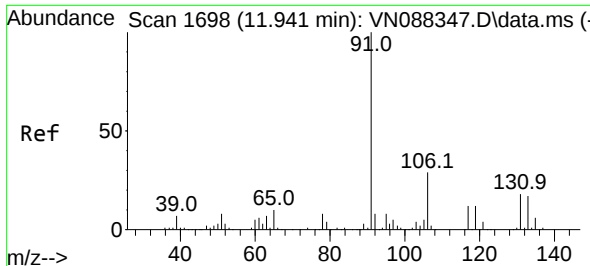
Ion Ratio Lower Upper

131 100

133 93.0 47.4 142.2

119 65.8 33.4 100.1

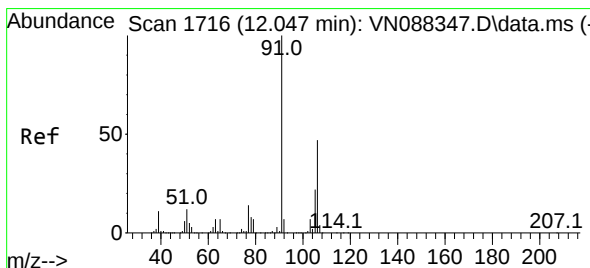
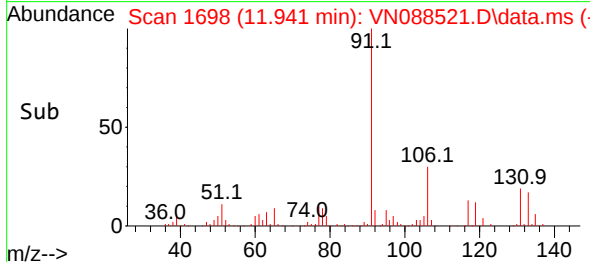
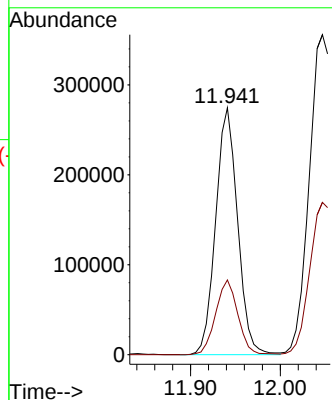
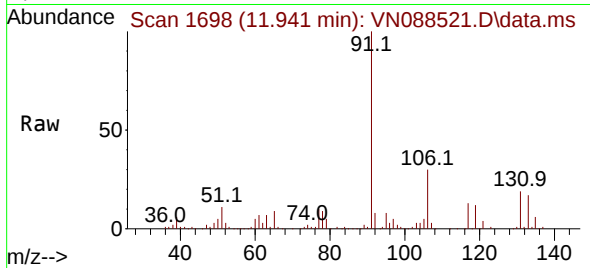




#67
Ethyl Benzene
Concen: 19.890 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

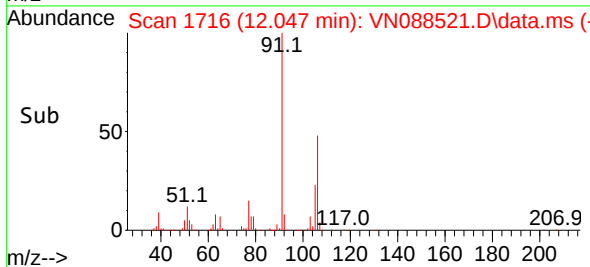
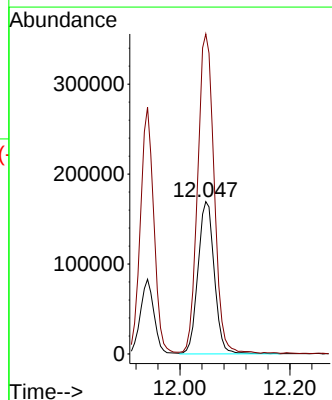
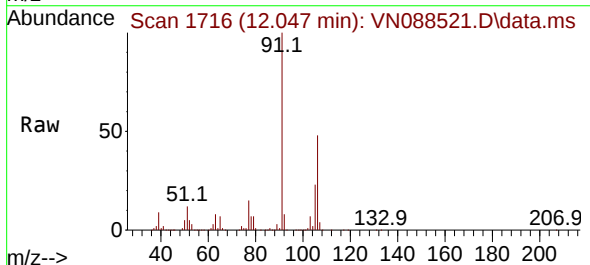
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

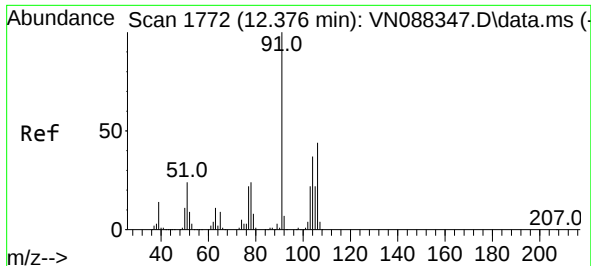
Tgt Ion: 91 Resp: 465974
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 40.190 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 106 Resp: 349103
Ion Ratio Lower Upper
106 100
91 211.1 167.8 251.6

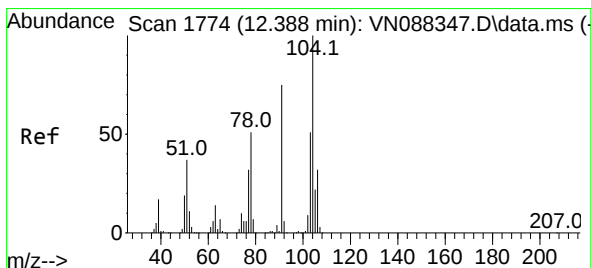
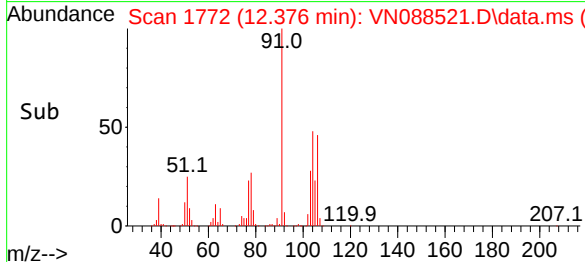
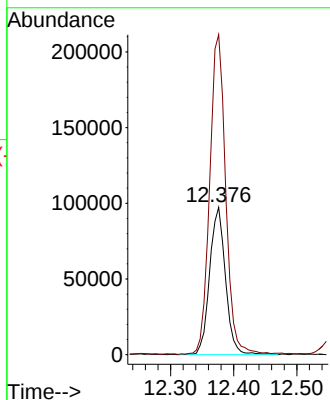
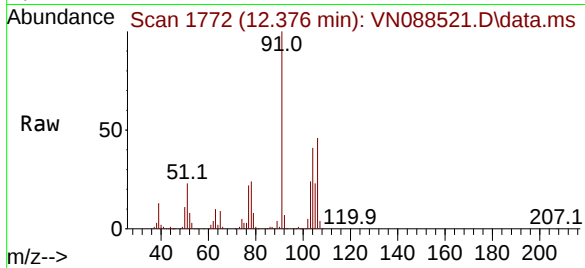




#69
o-Xylene
Concen: 20.499 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

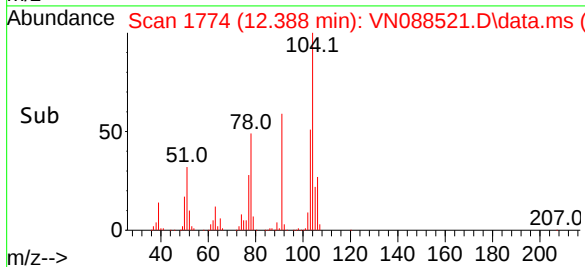
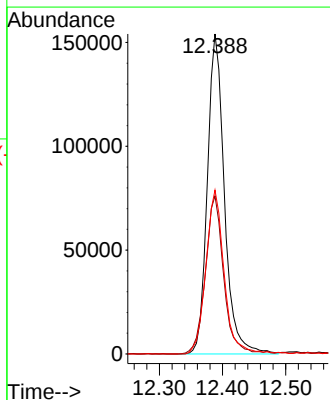
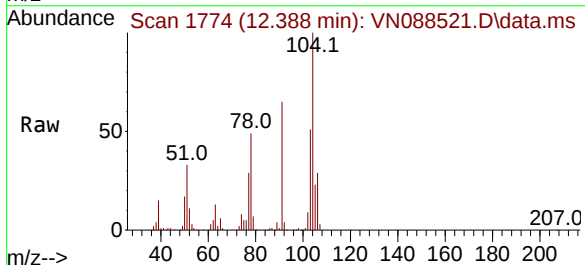
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

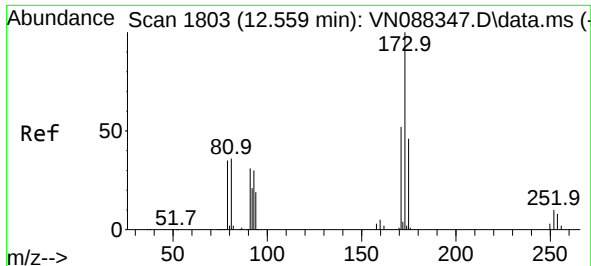
Tgt Ion:106 Resp: 169757
Ion Ratio Lower Upper
106 100
91 218.7 112.9 338.7



#70
Styrene
Concen: 21.557 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:104 Resp: 289870
Ion Ratio Lower Upper
104 100
78 52.8 44.3 66.5
103 54.6 44.2 66.4

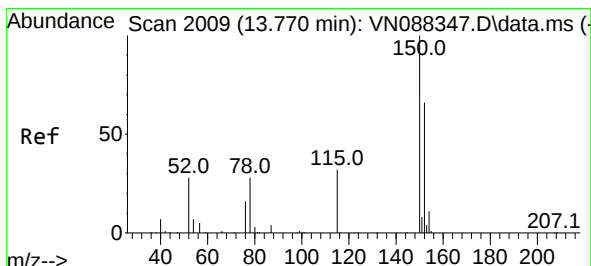
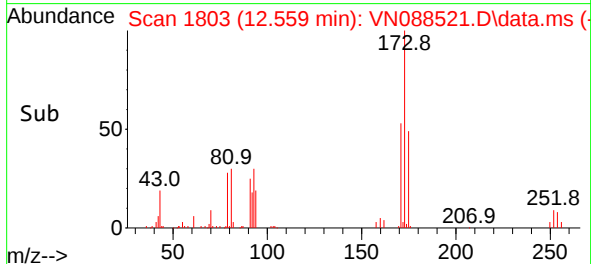
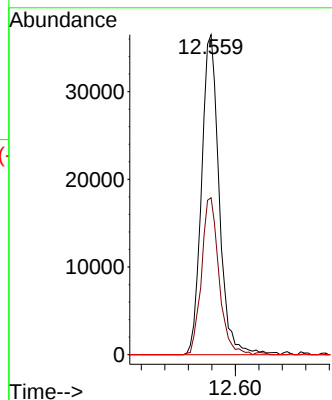
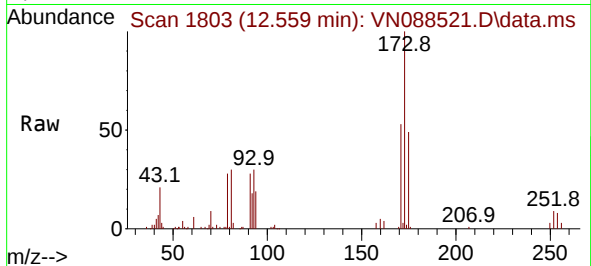




#71
Bromoform
Concen: 22.875 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

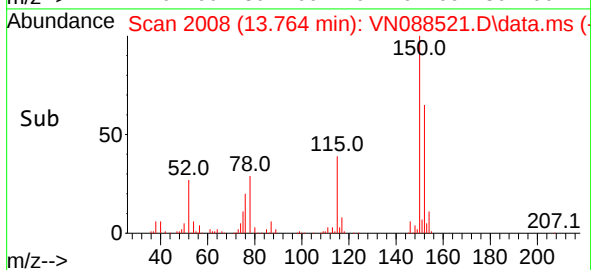
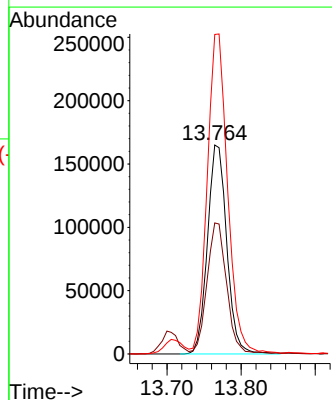
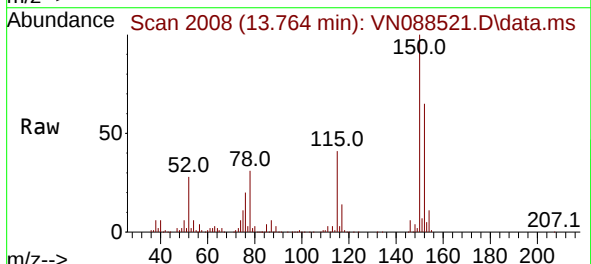
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

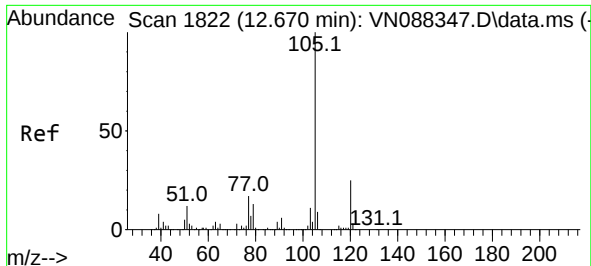
Tgt Ion:173 Resp: 75747
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion:152 Resp: 299054
Ion Ratio Lower Upper
152 100
115 63.0 33.0 98.9
150 160.0 0.0 349.0

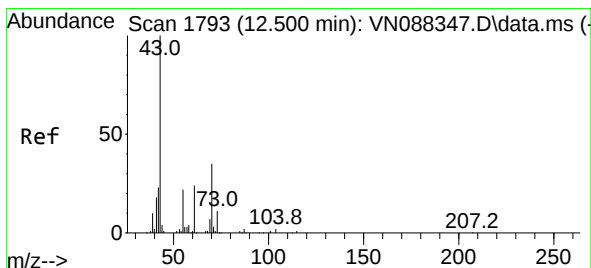
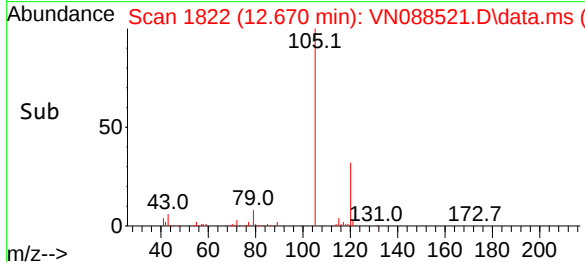
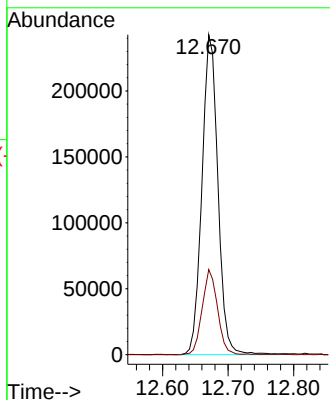
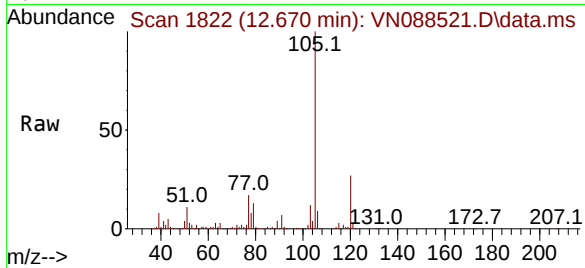




#73
Isopropylbenzene
Concen: 18.621 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

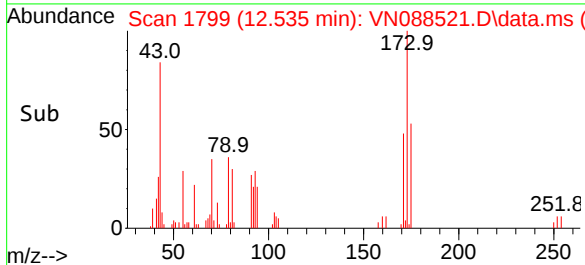
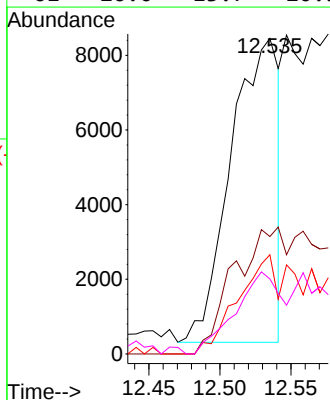
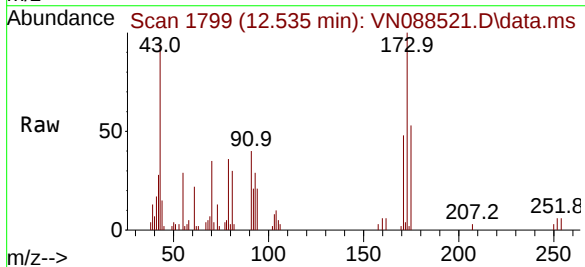
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

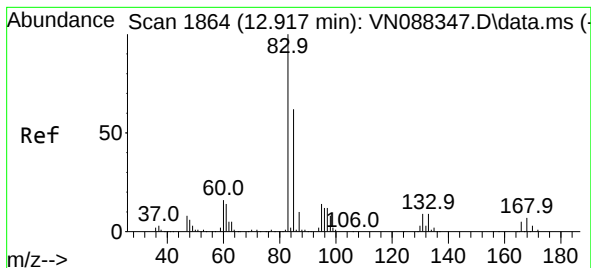
Tgt Ion:105 Resp: 411737
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 2.528 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.035 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 43 Resp: 19040
Ion Ratio Lower Upper
43 100
70 44.8 28.3 42.5#
55 26.3 17.7 26.5
61 26.0 13.7 20.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.596 ug/l

RT: 12.912 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

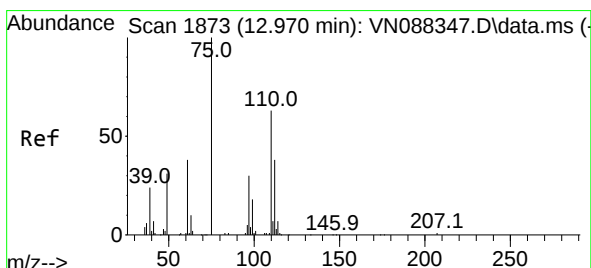
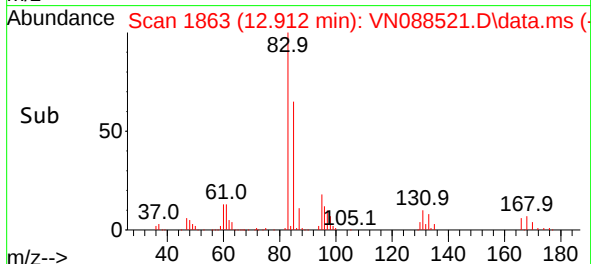
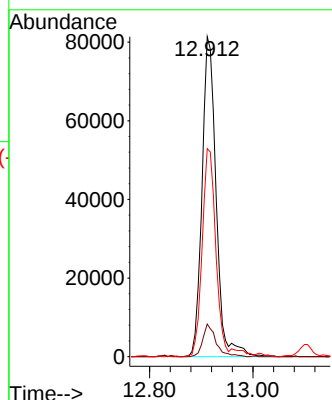
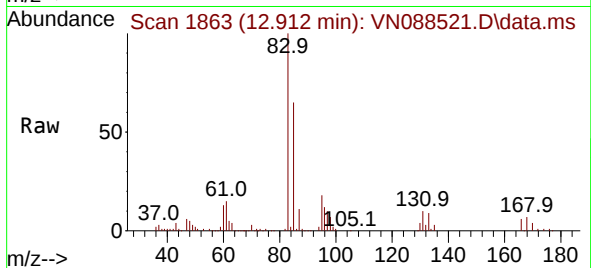
Tgt Ion: 83 Resp: 154377

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.4 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 29.449 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN088521.D

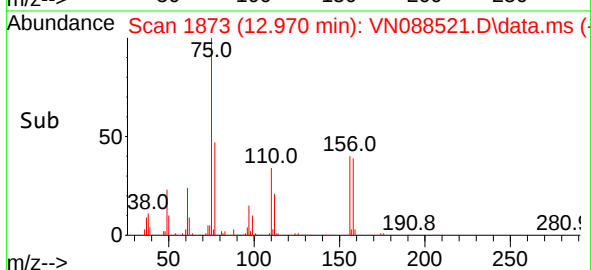
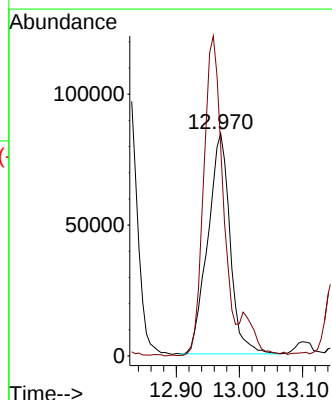
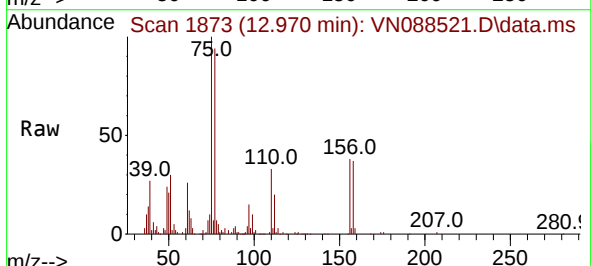
Acq: 16 Dec 2025 12:44

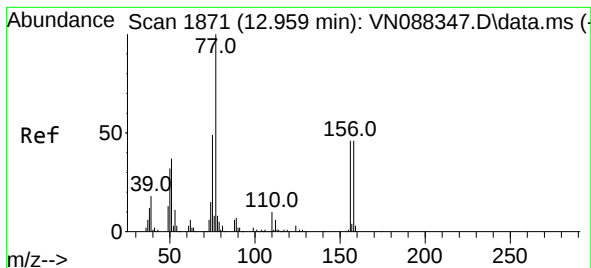
Tgt Ion: 75 Resp: 206272

Ion Ratio Lower Upper

75 100

77 123.0 87.2 261.6





#77

Bromobenzene

Concen: 21.183 ug/l

RT: 12.953 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

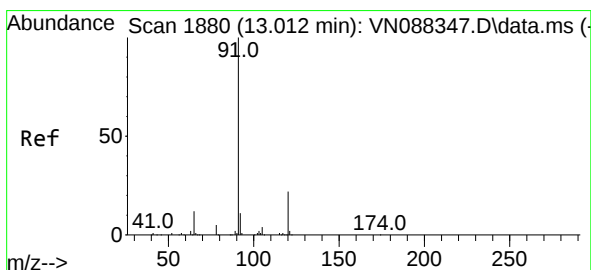
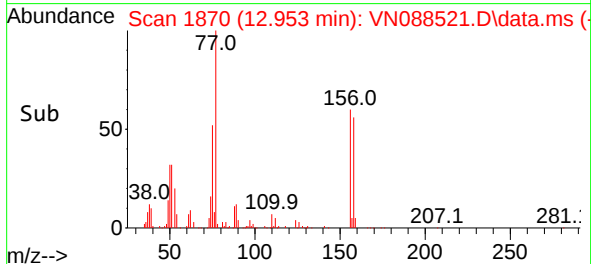
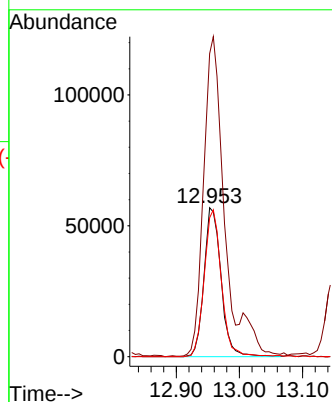
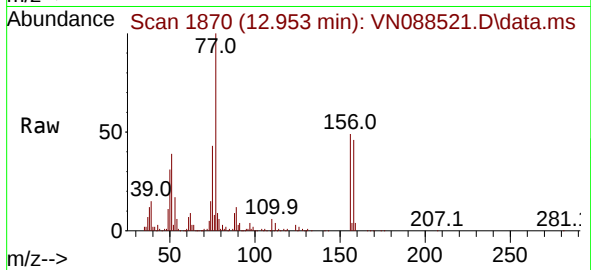
Tgt Ion:156 Resp: 107169

Ion Ratio Lower Upper

156 100

77 236.8 121.6 364.7

158 99.2 48.6 145.8



#78

n-propylbenzene

Concen: 18.998 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088521.D

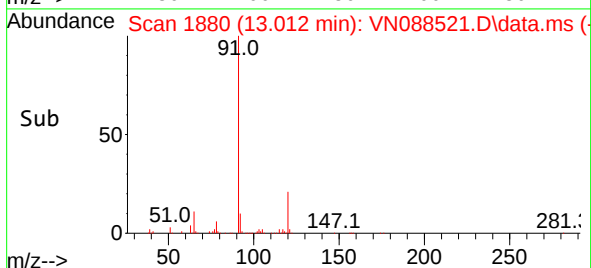
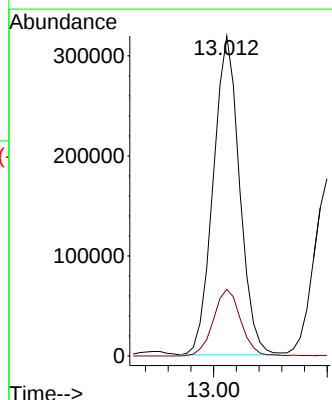
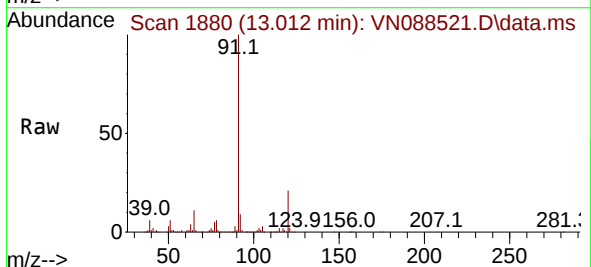
Acq: 16 Dec 2025 12:44

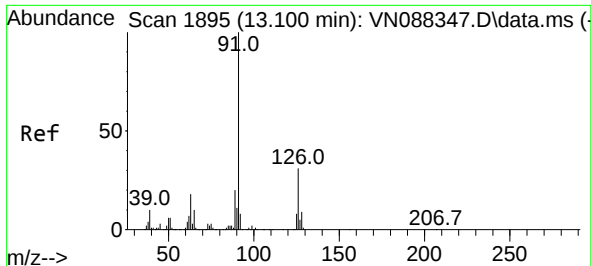
Tgt Ion: 91 Resp: 513902

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.6

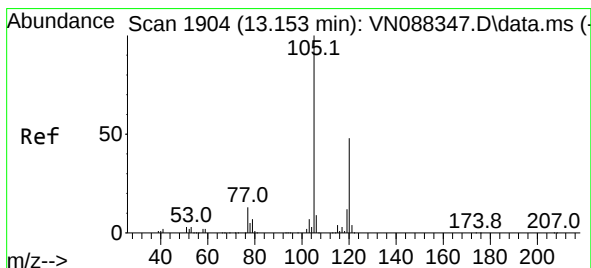
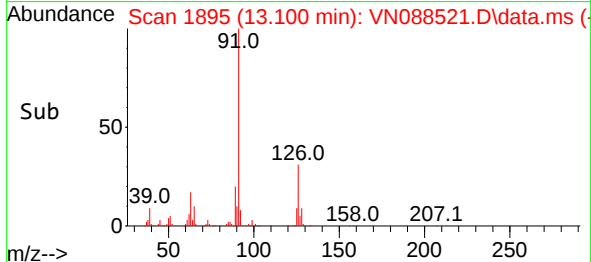
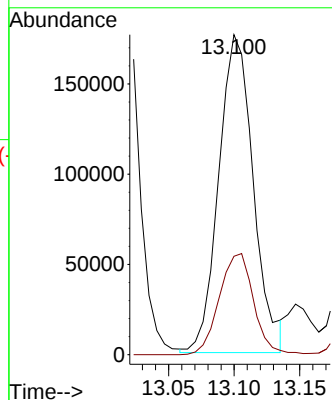
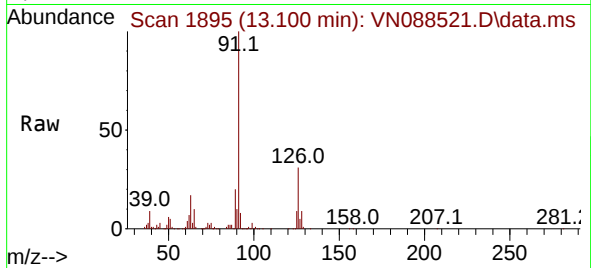




#79
2-Chlorotoluene
Concen: 19.549 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

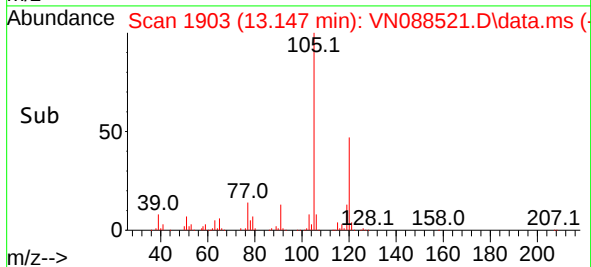
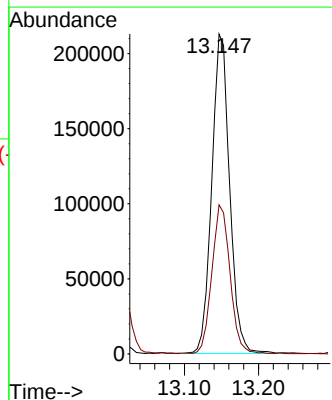
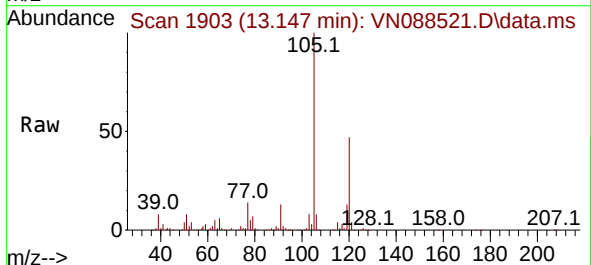
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

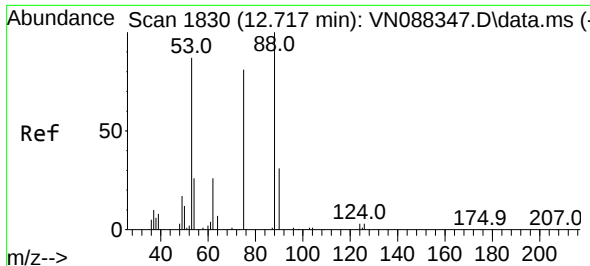
Tgt Ion: 91 Resp: 322924
Ion Ratio Lower Upper
91 100
126 31.6 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 19.417 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 105 Resp: 355764
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5

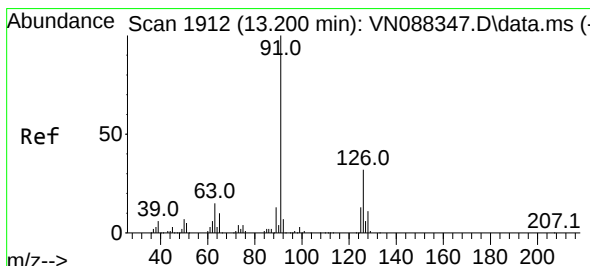
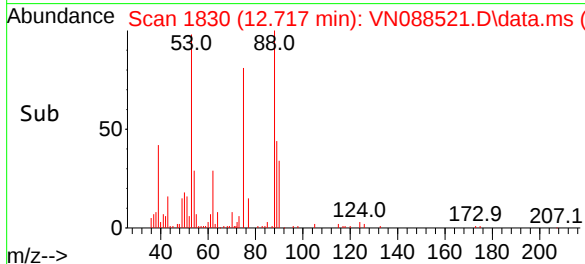
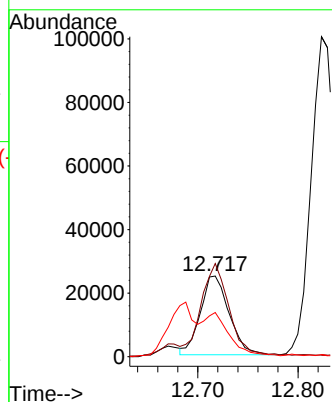
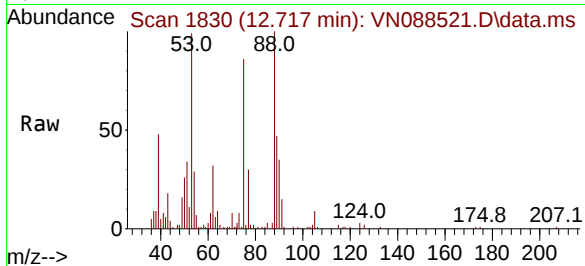




#81
trans-1,4-Dichloro-2-butene
Concen: 19.968 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

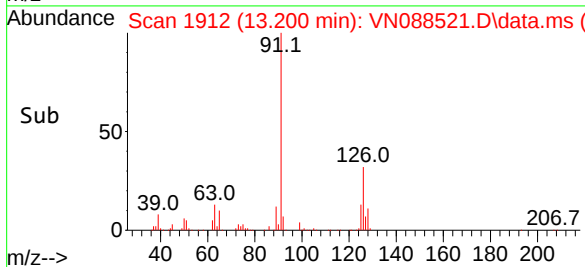
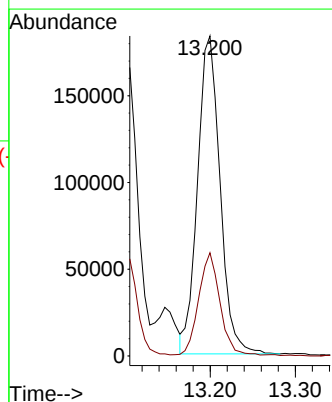
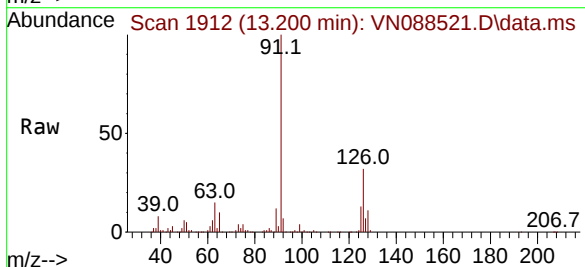
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

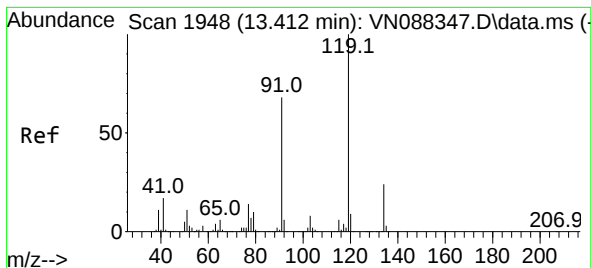
Tgt Ion: 75 Resp: 49301
Ion Ratio Lower Upper
75 100
53 128.1 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.487 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 91 Resp: 336139
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7





#83

tert-Butylbenzene

Concen: 18.450 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

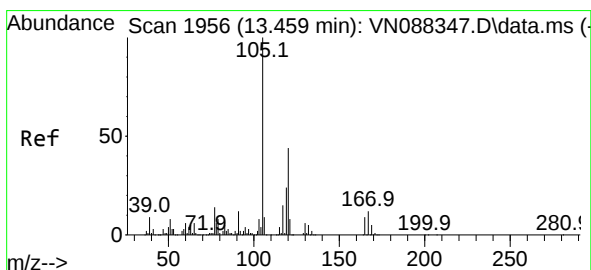
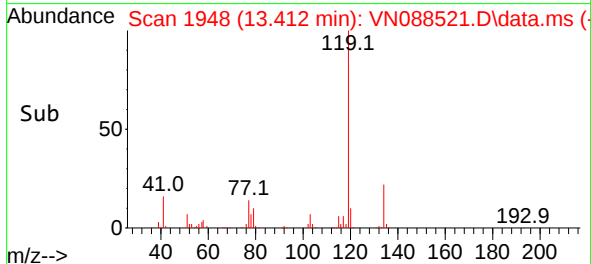
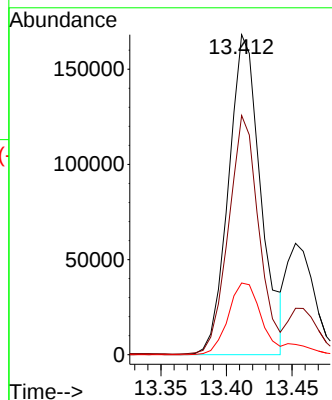
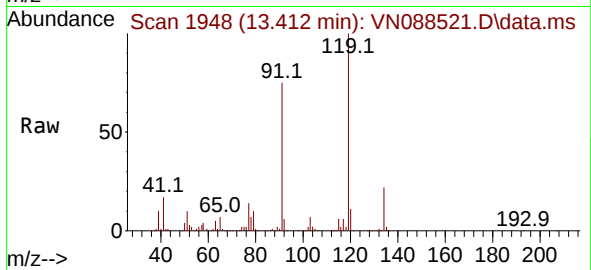
Tgt Ion:119 Resp: 287362

Ion Ratio Lower Upper

119 100

91 70.3 35.1 105.3

134 25.5 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 20.056 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088521.D

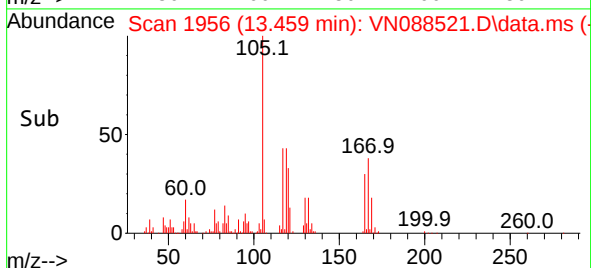
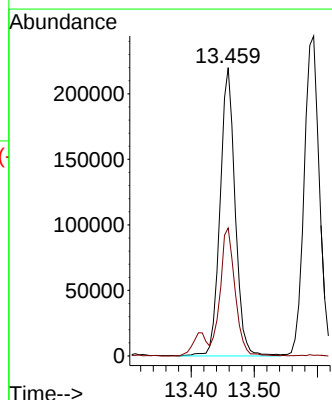
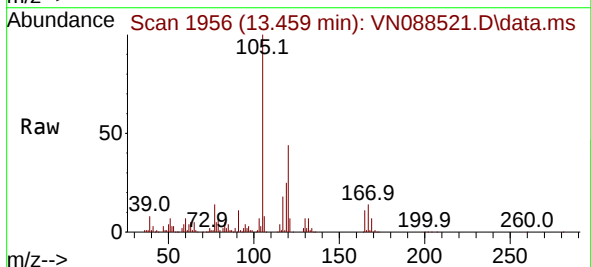
Acq: 16 Dec 2025 12:44

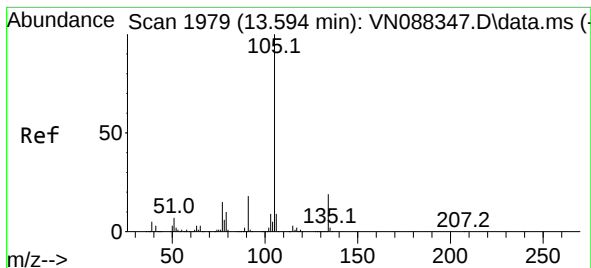
Tgt Ion:105 Resp: 365264

Ion Ratio Lower Upper

105 100

120 43.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.281 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

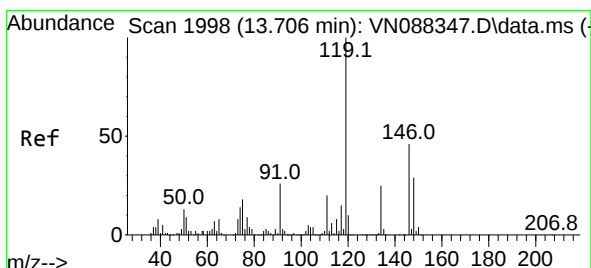
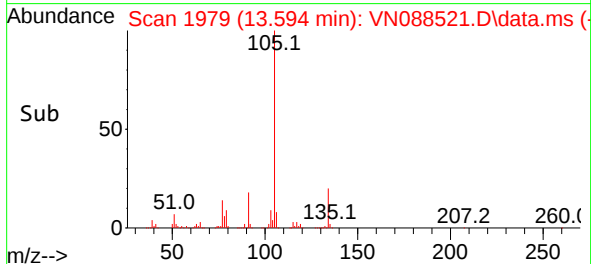
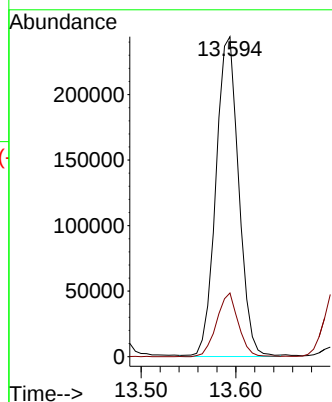
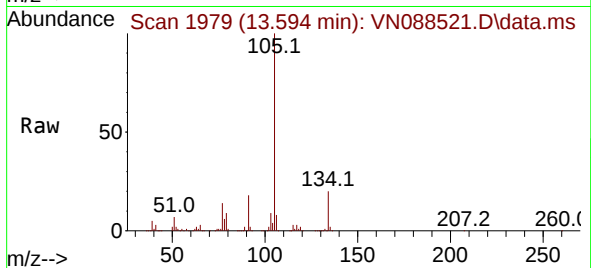
VN1216WBSD02

Tgt Ion:105 Resp: 409048

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 18.838 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

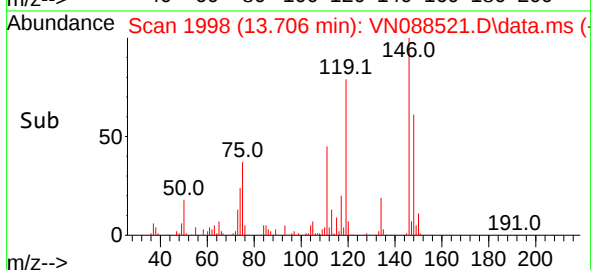
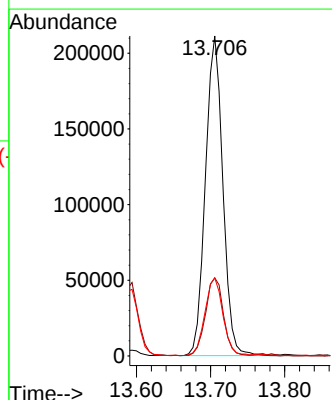
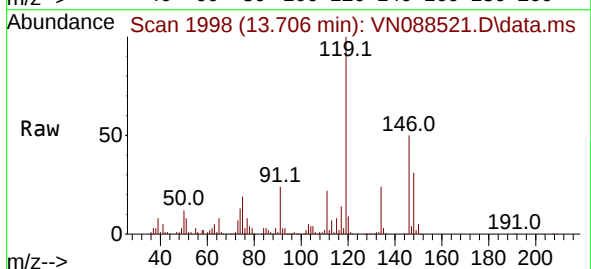
Tgt Ion:119 Resp: 345639

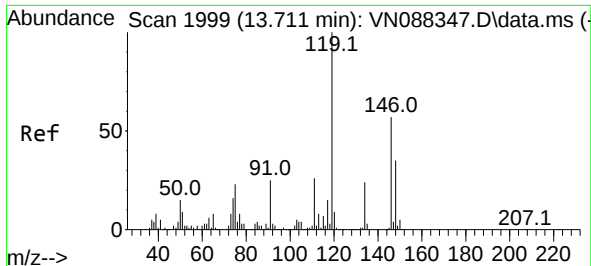
Ion Ratio Lower Upper

119 100

134 24.9 12.2 36.6

91 24.9 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.434 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

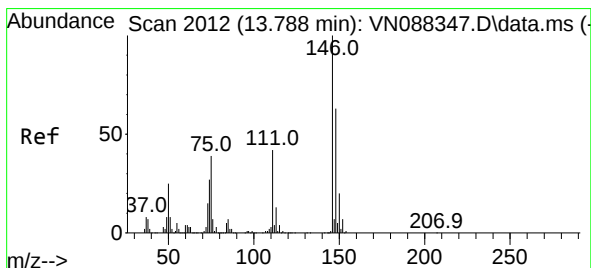
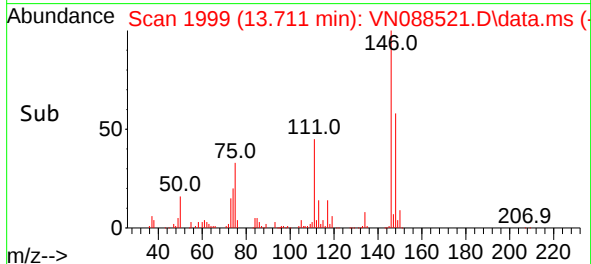
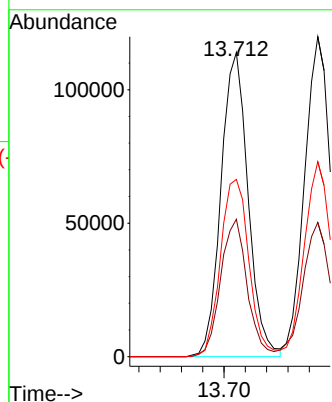
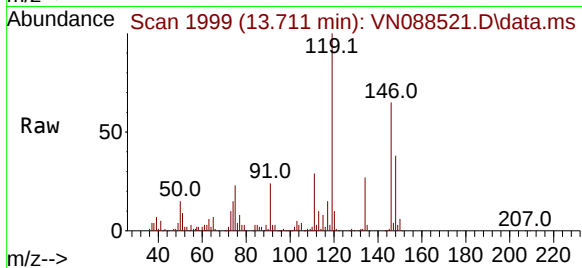
Tgt Ion:146 Resp: 201247

Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.0

148 61.6 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 20.362 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

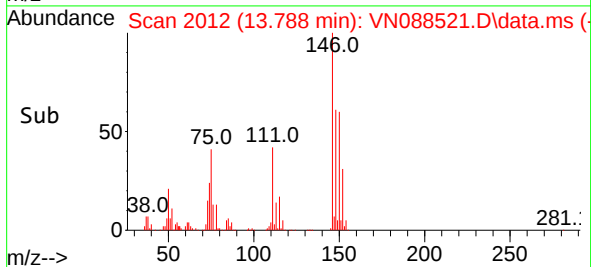
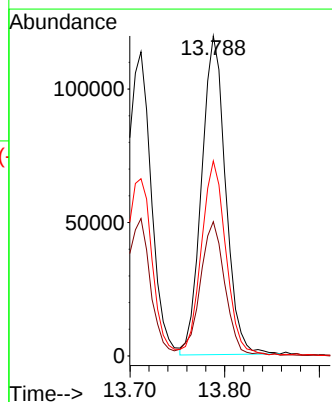
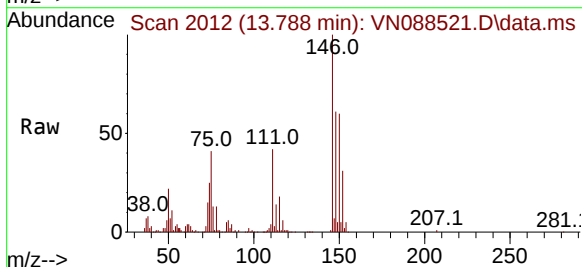
Tgt Ion:146 Resp: 210058

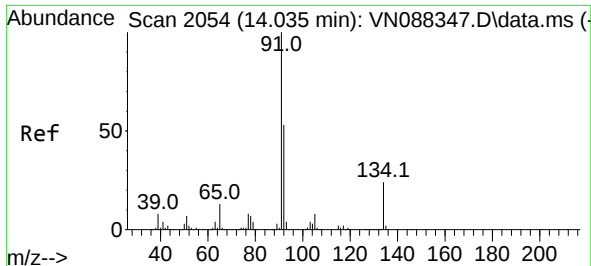
Ion Ratio Lower Upper

146 100

111 43.8 21.6 64.6

148 62.2 31.0 93.0

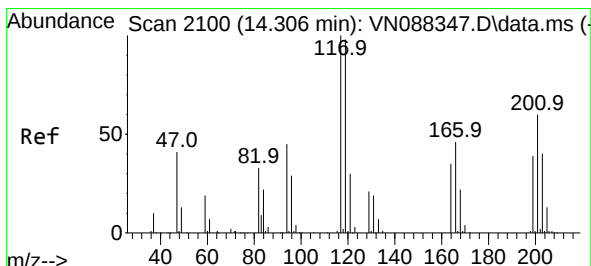
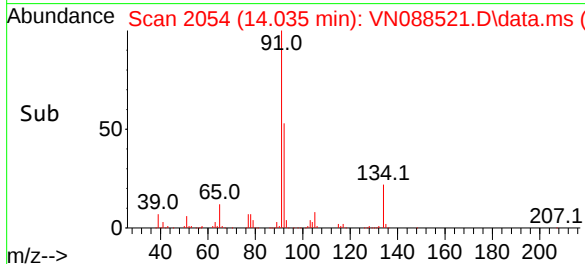
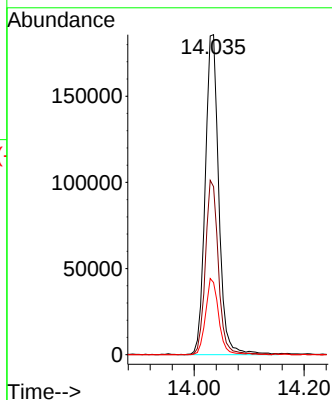
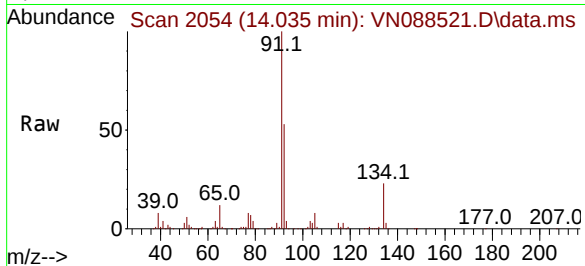




#89
n-Butylbenzene
Concen: 17.855 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

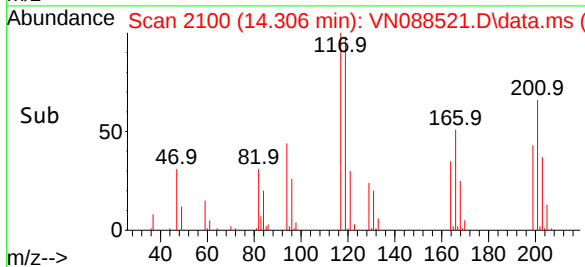
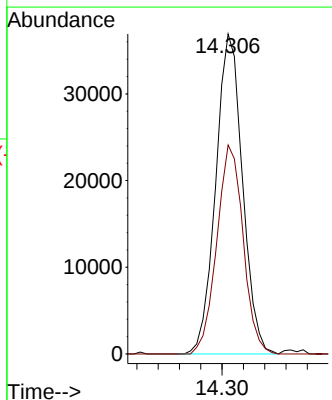
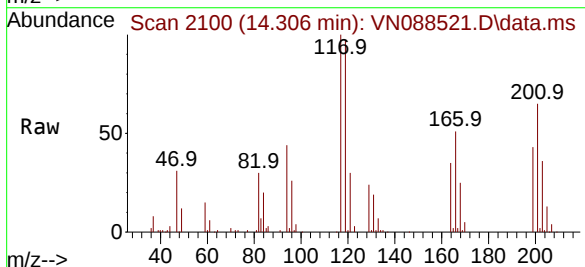
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD02

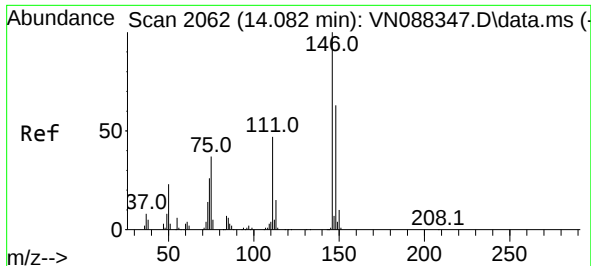
Tgt Ion: 91 Resp: 318093
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.3
134 23.0 11.7 35.1



#90
Hexachloroethane
Concen: 19.181 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088521.D
Acq: 16 Dec 2025 12:44

Tgt Ion: 117 Resp: 64292
Ion Ratio Lower Upper
117 100
201 64.3 30.3 90.9

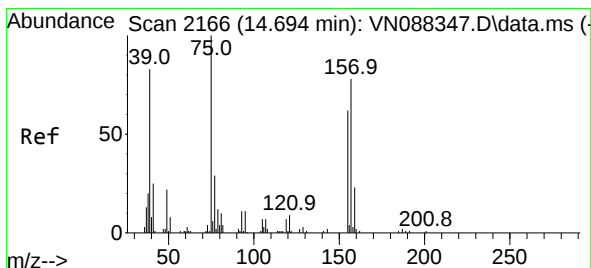
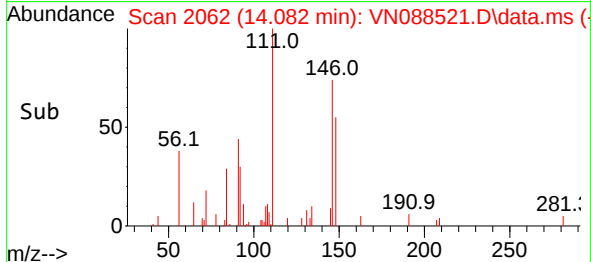
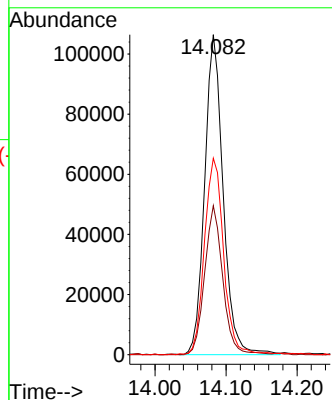
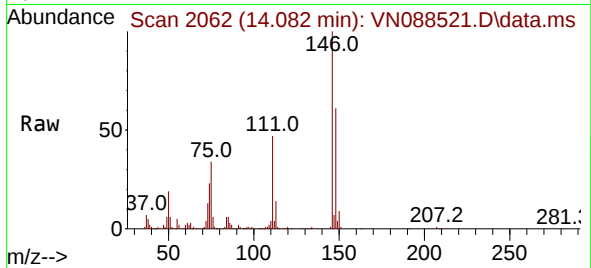




#91
 1,2-Dichlorobenzene
 Concen: 20.817 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

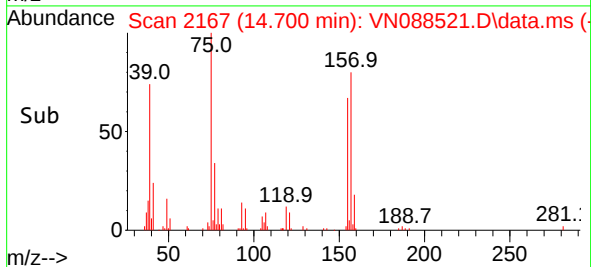
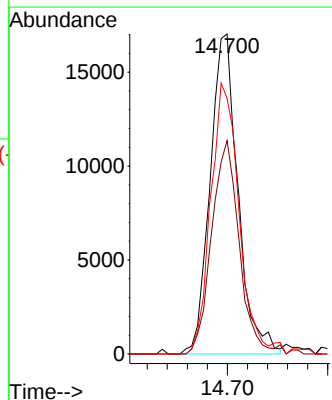
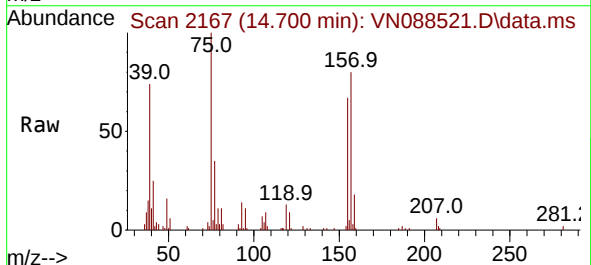
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD02

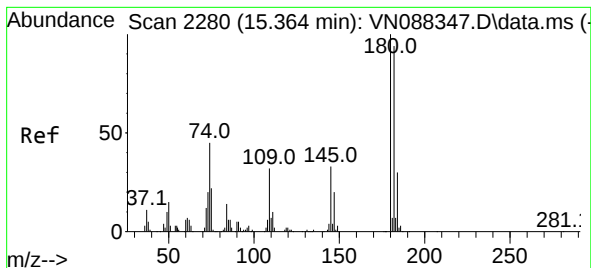
Tgt Ion:146 Resp: 192928
 Ion Ratio Lower Upper
 146 100
 111 45.6 23.3 69.9
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.914 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN088521.D
 Acq: 16 Dec 2025 12:44

Tgt Ion: 75 Resp: 32803
 Ion Ratio Lower Upper
 75 100
 155 66.4 33.7 101.1
 157 86.6 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 19.520 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

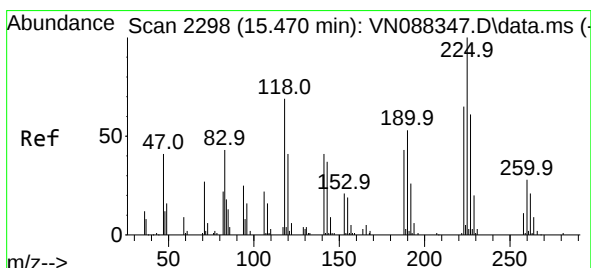
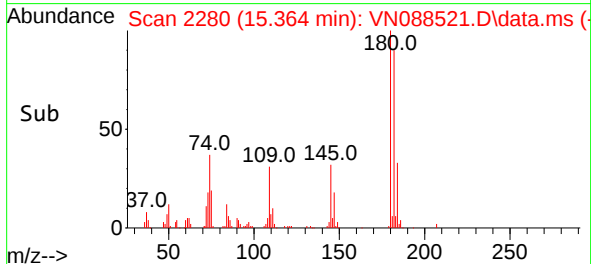
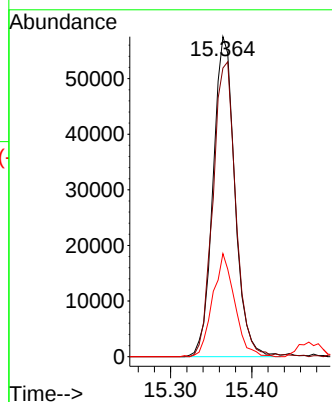
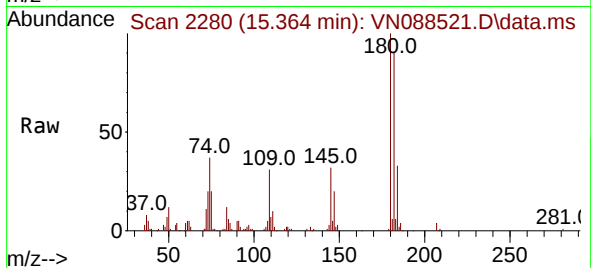
Tgt Ion:180 Resp: 107488

Ion Ratio Lower Upper

180 100

182 96.4 46.1 138.2

145 32.4 16.7 50.1



#94

Hexachlorobutadiene

Concen: 22.020 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

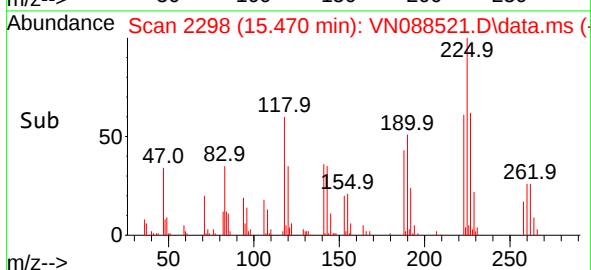
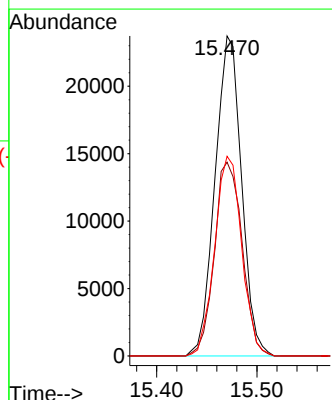
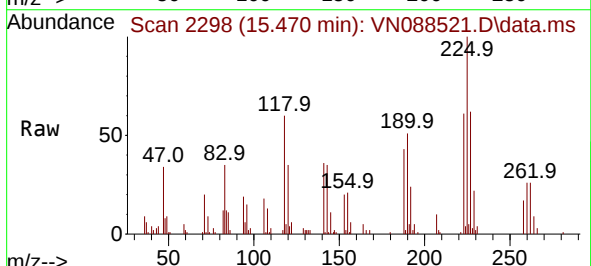
Tgt Ion:225 Resp: 43573

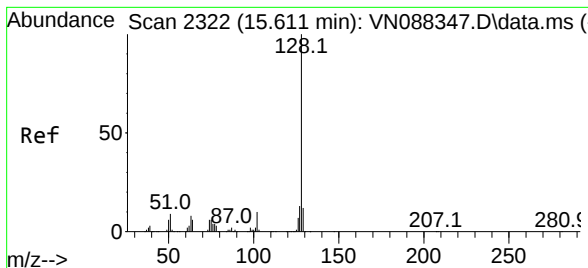
Ion Ratio Lower Upper

225 100

223 63.5 32.3 96.8

227 63.7 29.9 89.8





#95

Naphthalene

Concen: 18.877 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD02

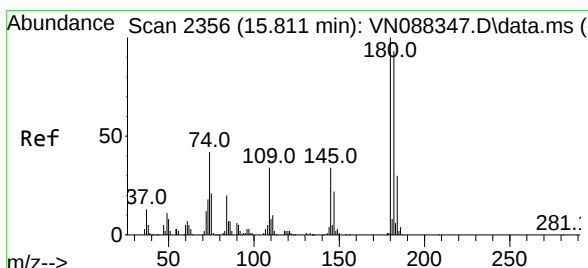
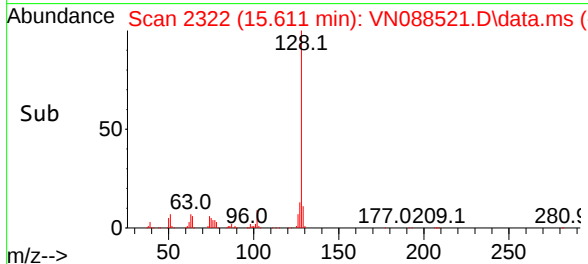
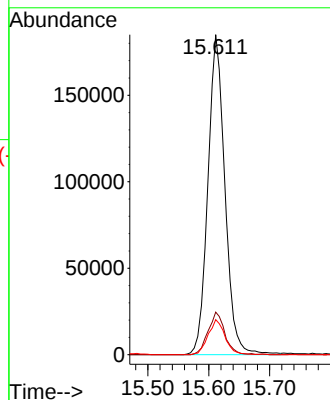
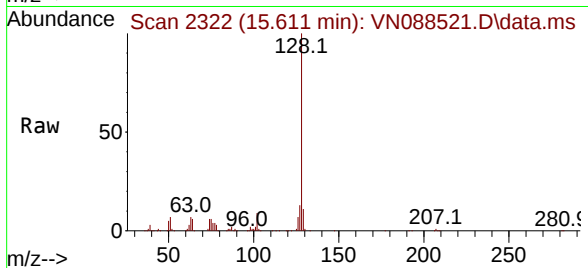
Tgt Ion:128 Resp: 360196

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 20.177 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088521.D

Acq: 16 Dec 2025 12:44

Tgt Ion:180 Resp: 108133

Ion Ratio Lower Upper

180 100

182 94.4 45.9 137.7

145 34.5 17.8 53.4

