

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088519.D
 Acq On : 16 Dec 2025 11:47
 Operator : JC\MD
 Sample : VN1216WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Quant Time: Dec 17 01:37:20 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	429040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	850263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	797673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	393597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	483893	59.871	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.740%	
35) Dibromofluoromethane	8.147	113	339184	57.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.120%	
50) Toluene-d8	10.541	98	1218346	55.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.140%	
62) 4-Bromofluorobenzene	12.823	95	443806	58.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 118.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	86308	13.393	ug/l	98
3) Chloromethane	2.383	50	112757	16.292	ug/l	92
4) Vinyl Chloride	2.536	62	106093	15.068	ug/l	99
5) Bromomethane	2.983	94	55776	16.459	ug/l	100
6) Chloroethane	3.142	64	71986	16.521	ug/l	93
7) Trichlorofluoromethane	3.518	101	149602	15.117	ug/l	95
8) Diethyl Ether	3.965	74	70093	18.871	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	81143	15.402	ug/l	96
10) Methyl Iodide	4.583	142	82303	15.781	ug/l	97
11) Tert butyl alcohol	5.512	59	92145	71.409	ug/l #	72
12) 1,1-Dichloroethene	4.342	96	81143	15.502	ug/l	89
13) Acrolein	4.177	56	74524	60.324	ug/l	97
14) Allyl chloride	5.018	41	154360	15.910	ug/l	95
15) Acrylonitrile	5.700	53	321261	86.291	ug/l	100
16) Acetone	4.424	43	223631	76.508	ug/l	94
17) Carbon Disulfide	4.712	76	244808	14.312	ug/l	99
18) Methyl Acetate	5.012	43	157830	18.140	ug/l	99
19) Methyl tert-butyl Ether	5.777	73	361298	18.423	ug/l	94
20) Methylene Chloride	5.265	84	117000	18.709	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	96931	16.717	ug/l	92
22) Diisopropyl ether	6.653	45	388414	18.752	ug/l	96
23) Vinyl Acetate	6.588	43	1640259	98.290	ug/l	100
24) 1,1-Dichloroethane	6.553	63	212706	18.134	ug/l	99
25) 2-Butanone	7.465	43	390862	83.180	ug/l	98
26) 2,2-Dichloropropane	7.471	77	174929	17.278	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	123659	18.351	ug/l	97
28) Bromochloromethane	7.794	49	112604	19.271	ug/l	97
29) Tetrahydrofuran	7.818	42	291051	86.353	ug/l	99
30) Chloroform	7.947	83	222322	19.289	ug/l	96
31) Cyclohexane	8.235	56	155828	14.660	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	169621	16.738	ug/l	97
36) 1,1-Dichloropropene	8.353	75	126042	13.860	ug/l	99
37) Ethyl Acetate	7.541	43	181572	15.185	ug/l	98
38) Carbon Tetrachloride	8.341	117	138543	15.304	ug/l	98
39) Methylcyclohexane	9.582	83	120468	12.385	ug/l	98
40) Benzene	8.582	78	446919	16.745	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.753	41	94844	16.015	ug/l	97
42) 1,2-Dichloroethane	8.653	62	180747	17.750	ug/l	98
43) Isopropyl Acetate	8.671	43	286913	15.705	ug/l	96
44) Trichloroethene	9.329	130	95787	15.189	ug/l	96
45) 1,2-Dichloropropane	9.594	63	120453	17.615	ug/l	99
46) Dibromomethane	9.688	93	86300	17.684	ug/l	98
47) Bromodichloromethane	9.865	83	175331	17.608	ug/l	100
48) Methyl methacrylate	9.659	41	132110	15.849	ug/l	95
49) 1,4-Dioxane	9.682	88	30837	290.898	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	899329	83.516	ug/l	98
52) Toluene	10.606	92	264052	17.134	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	172664	16.893	ug/l	95
54) cis-1,3-Dichloropropene	10.288	75	186102	17.314	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	108856	18.256	ug/l	96
56) Ethyl methacrylate	10.853	69	163263	17.334	ug/l	91
57) 1,3-Dichloropropane	11.141	76	189910	17.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	510990	94.105	ug/l	100
59) 2-Hexanone	11.176	43	537130	79.181	ug/l	93
60) Dibromochloromethane	11.335	129	124345	18.293	ug/l	99
61) 1,2-Dibromoethane	11.447	107	107227	17.759	ug/l	98
64) Tetrachloroethene	11.082	164	85548	13.528	ug/l	88
65) Chlorobenzene	11.865	112	292382	16.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	103176	17.074	ug/l	99
67) Ethyl Benzene	11.941	91	469435	14.990	ug/l	98
68) m/p-Xylenes	12.047	106	350668	30.202	ug/l	99
69) o-Xylene	12.376	106	171047	15.452	ug/l	98
70) Styrene	12.388	104	295836	16.460	ug/l	98
71) Bromoform	12.553	173	78586	17.755	ug/l #	99
73) Isopropylbenzene	12.670	105	418618	14.385	ug/l	99
74) N-amyl acetate	12.676	43	156404m	15.781	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	155676	16.547	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	147862m	16.039	ug/l	
77) Bromobenzene	12.959	156	111488	16.743	ug/l	96
78) n-propylbenzene	13.012	91	514564	14.453	ug/l	100
79) 2-Chlorotoluene	13.100	91	320781	14.754	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	356378	14.778	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	51664	15.899	ug/l #	95
82) 4-Chlorotoluene	13.200	91	341501	15.814	ug/l	99
83) tert-Butylbenzene	13.412	119	282473	13.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	374137	15.609	ug/l	98
85) sec-Butylbenzene	13.588	105	413782	14.050	ug/l	100
86) p-Isopropyltoluene	13.706	119	343889	14.240	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	205059	15.820	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	213378	15.715	ug/l	98
89) n-Butylbenzene	14.029	91	321092	13.694	ug/l	99
90) Hexachloroethane	14.306	117	64907	14.713	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	197637	16.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	31819	13.939	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	107246	14.798	ug/l	97
94) Hexachlorobutadiene	15.470	225	40476	15.542	ug/l	94
95) Naphthalene	15.611	128	355013	14.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	107476	15.238	ug/l	99

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Response via : Initial Calibration

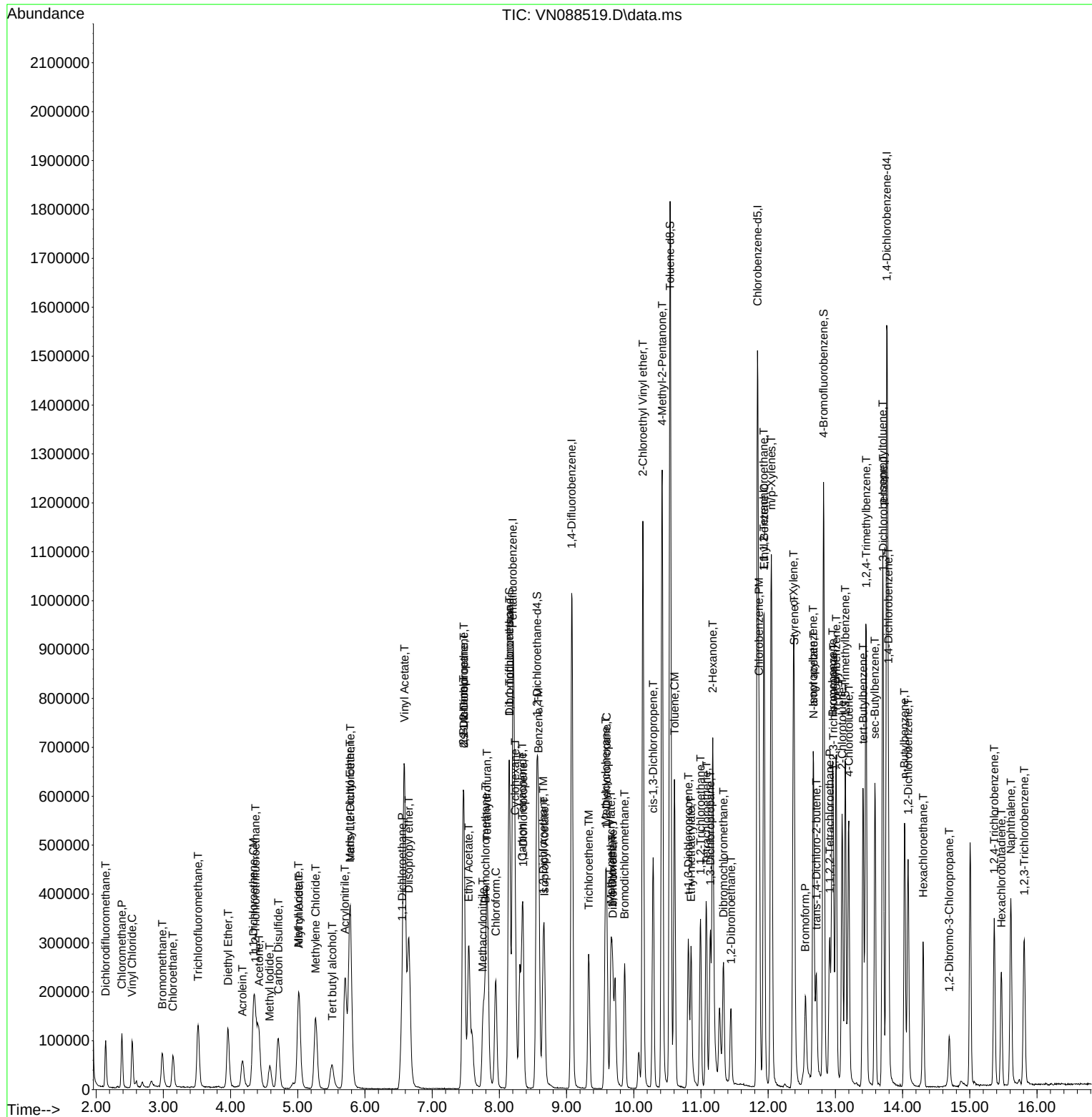
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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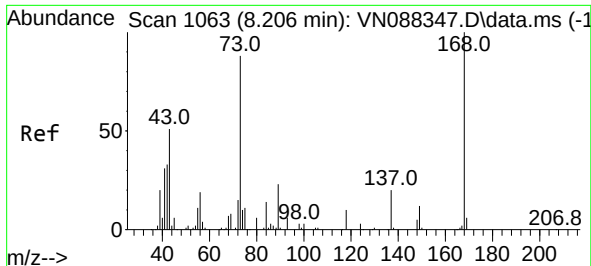
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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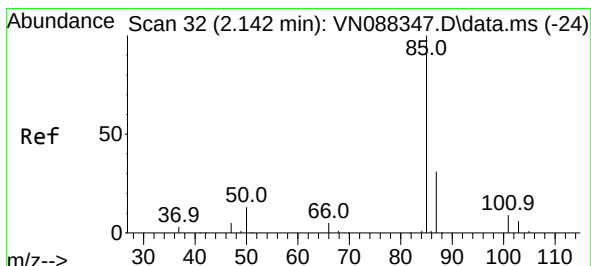
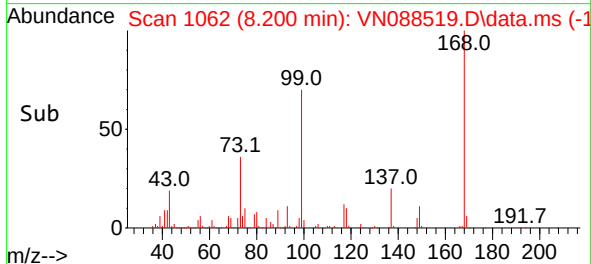
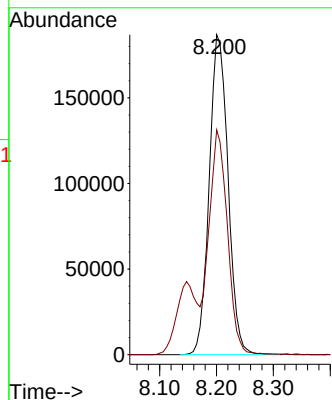
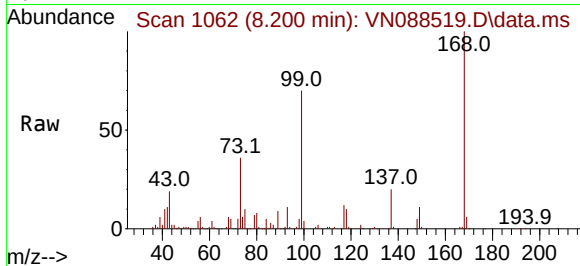




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088519.D
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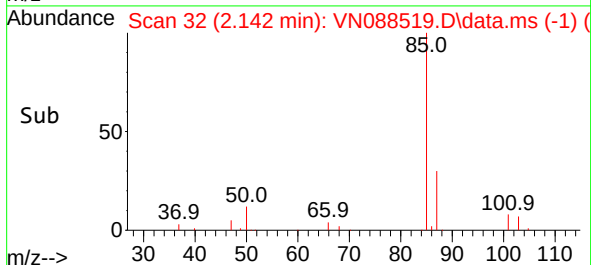
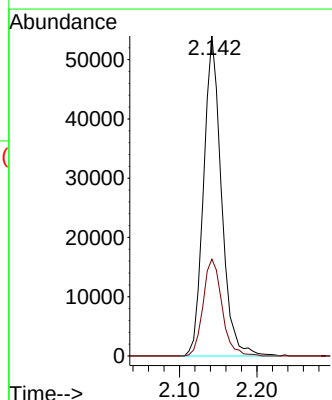
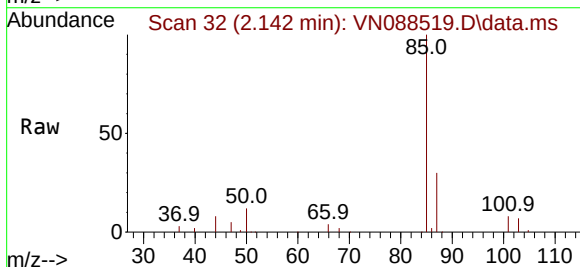
Instrument :
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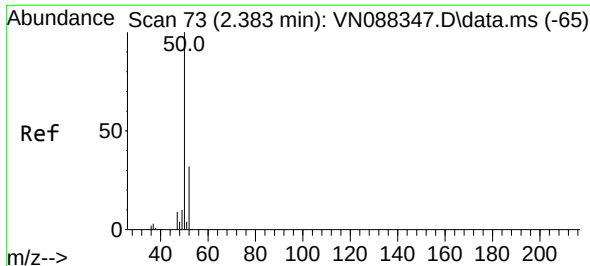
Tgt Ion:168 Resp: 429040
Ion Ratio Lower Upper
168 100
99 70.0 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 13.393 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 85 Resp: 86308
Ion Ratio Lower Upper
85 100
87 30.3 15.6 46.7

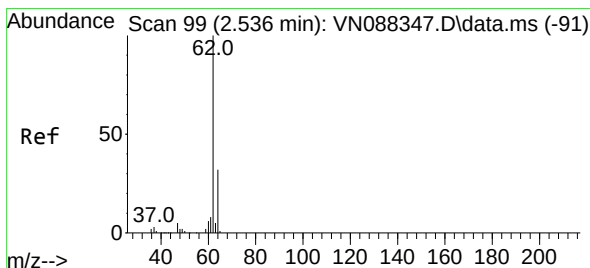
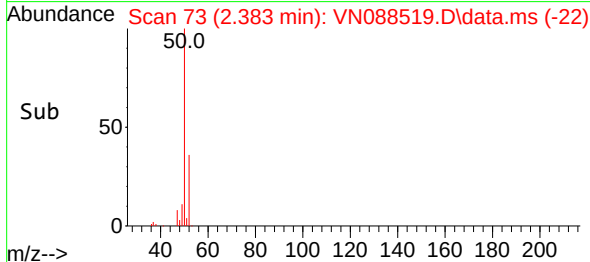
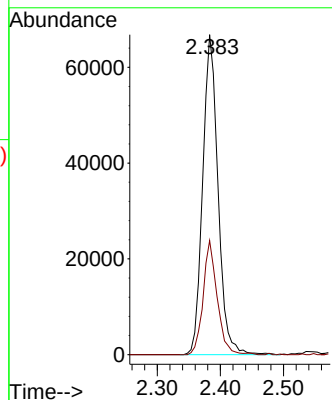
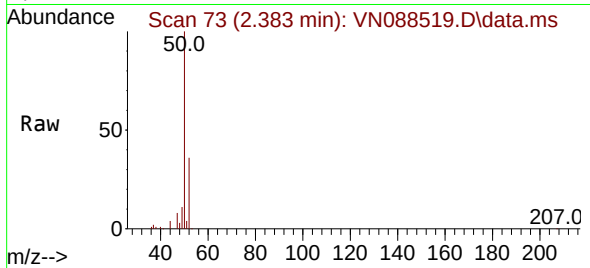




#3
Chloromethane
Concen: 16.292 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

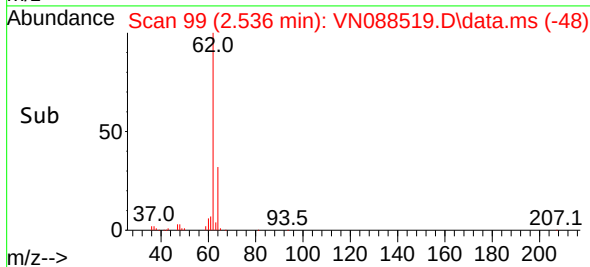
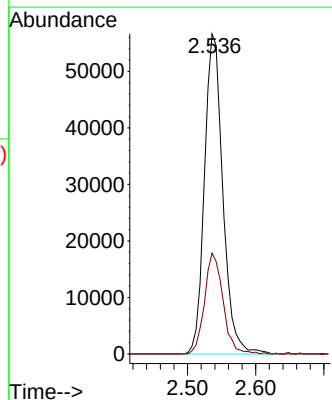
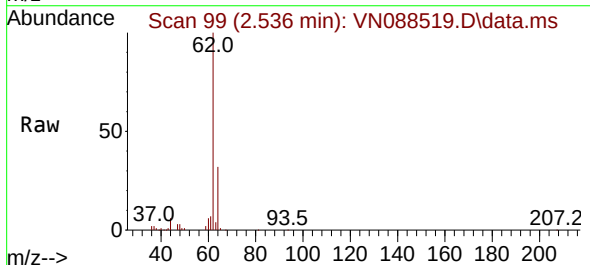
Instrument :
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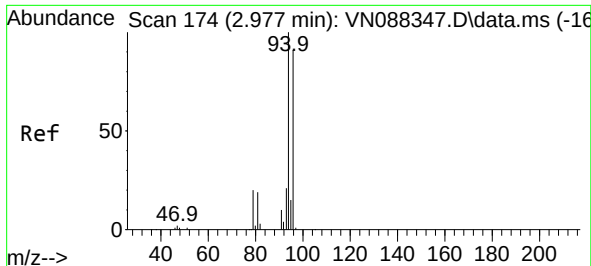
Tgt Ion: 50 Resp: 112757
Ion Ratio Lower Upper
50 100
52 35.7 25.2 37.8



#4
Vinyl Chloride
Concen: 15.068 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 62 Resp: 106093
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2

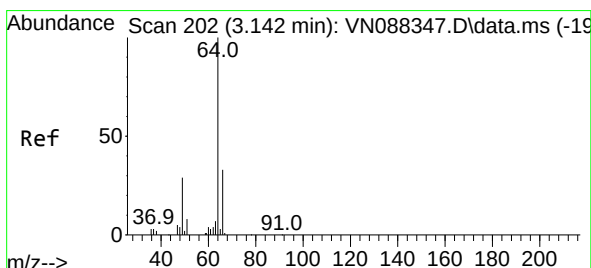
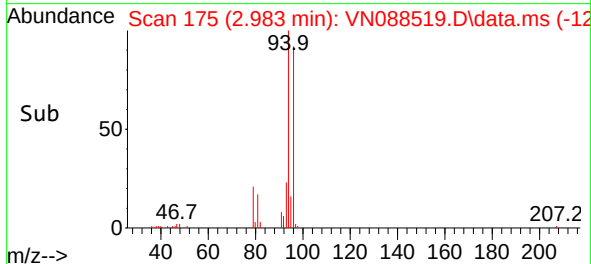
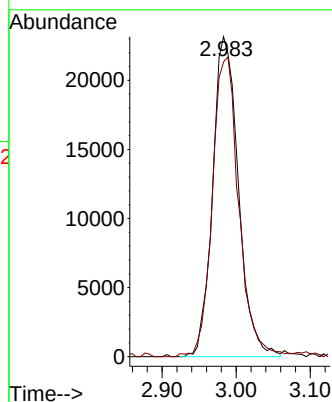
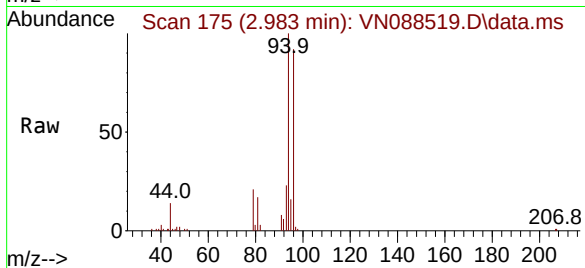




#5
Bromomethane
Concen: 16.459 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088519.D
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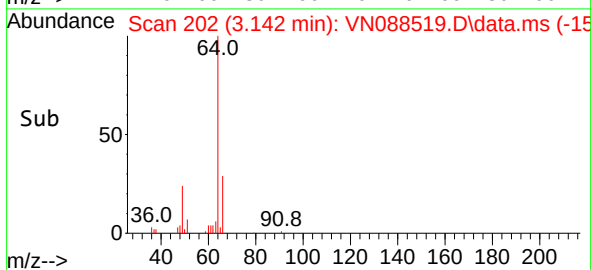
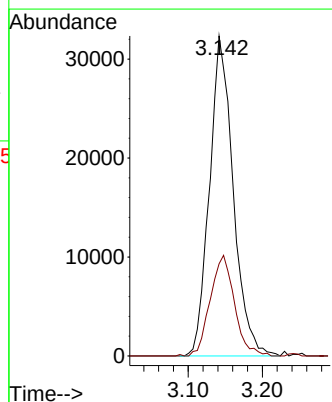
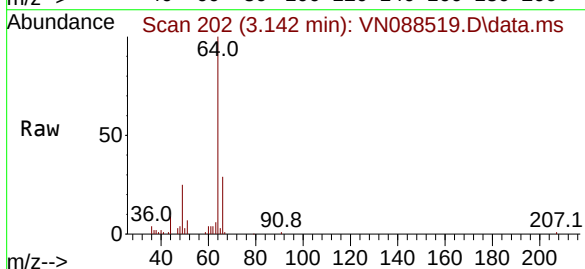
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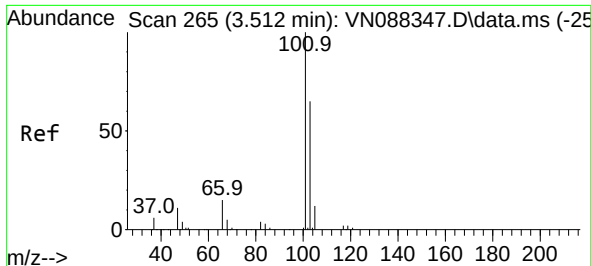
Tgt Ion: 94 Resp: 55776
Ion Ratio Lower Upper
94 100
96 91.2 73.2 109.8



#6
Chloroethane
Concen: 16.521 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 64 Resp: 71986
Ion Ratio Lower Upper
64 100
66 28.8 26.4 39.6

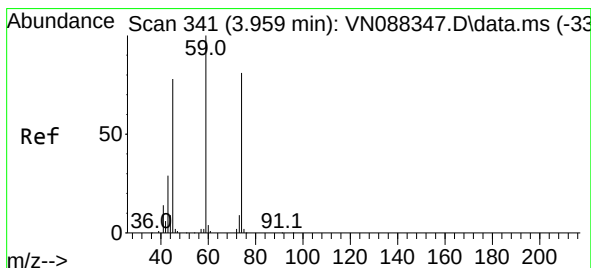
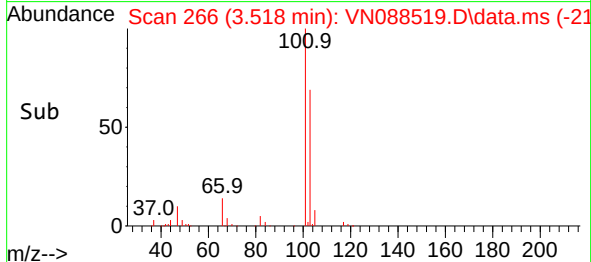
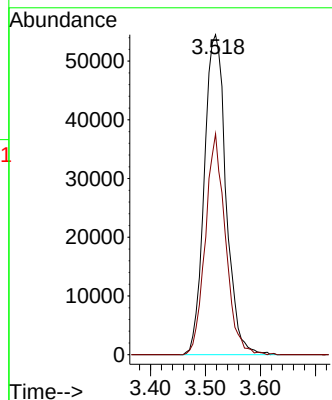
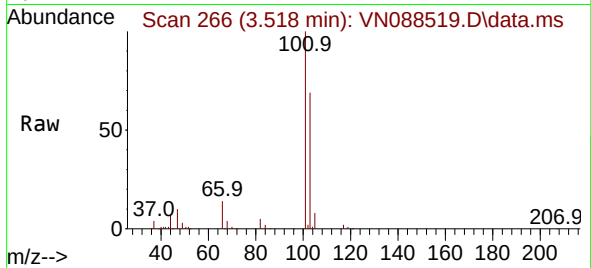




#7
Trichlorofluoromethane
Concen: 15.117 ug/l
RT: 3.518 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088519.D
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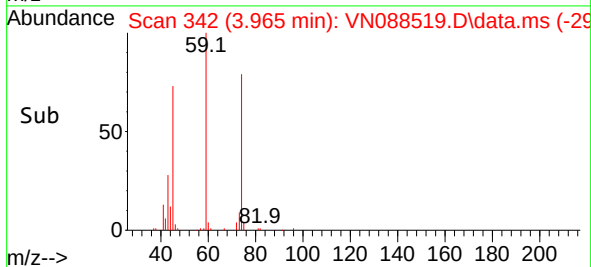
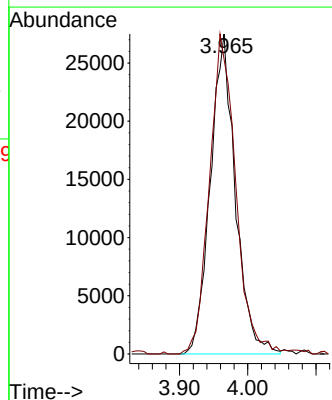
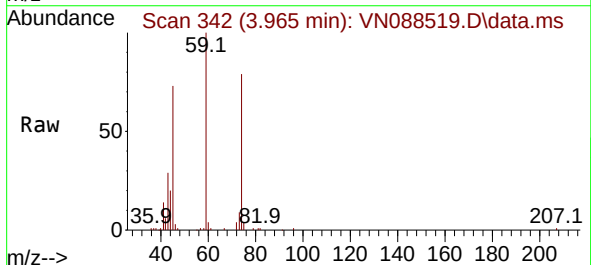
Instrument :
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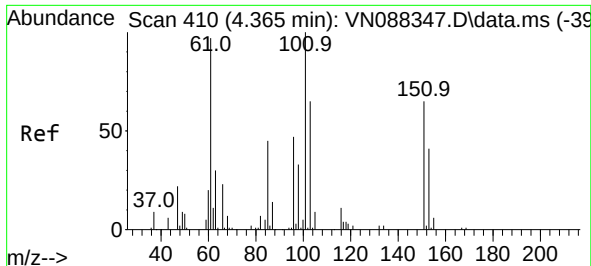
Tgt Ion:101 Resp: 149602
Ion Ratio Lower Upper
101 100
103 69.0 52.3 78.5



#8
Diethyl Ether
Concen: 18.871 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 74 Resp: 70093
Ion Ratio Lower Upper
74 100
45 105.4 54.2 162.6

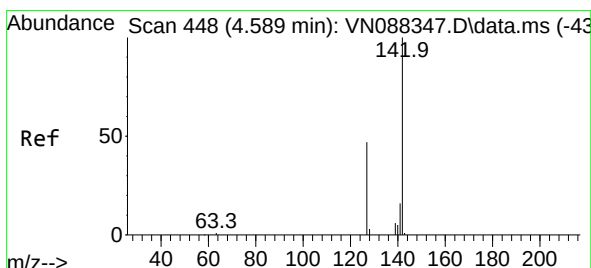
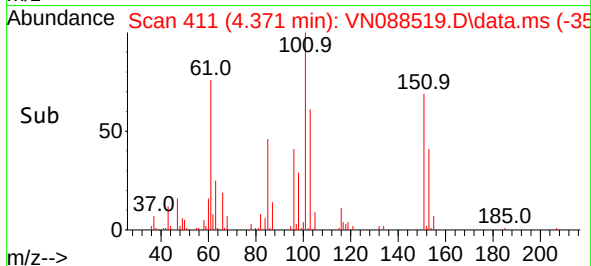
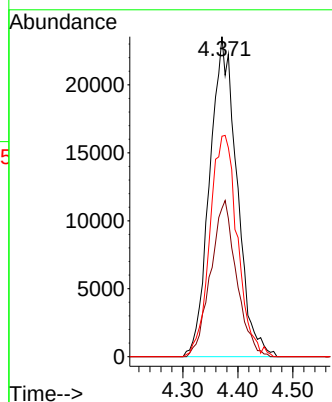
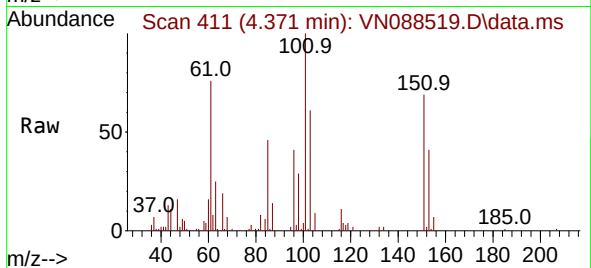




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.402 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

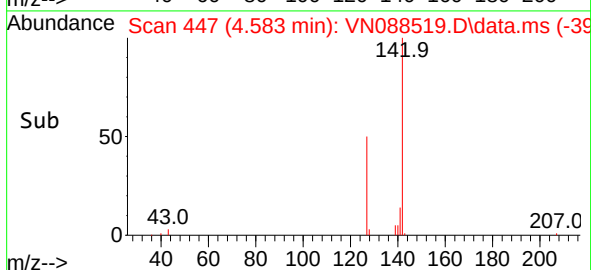
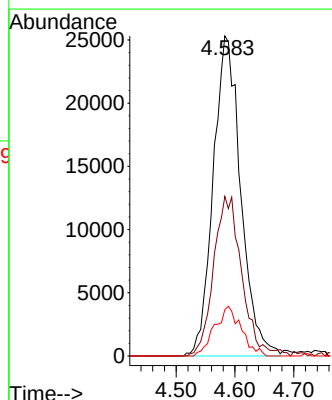
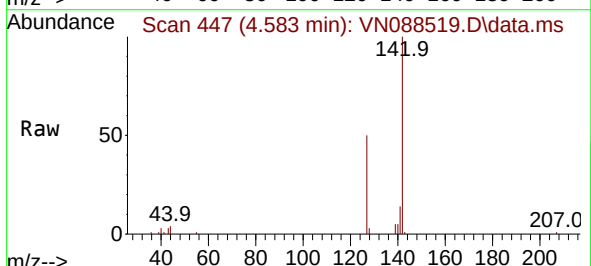
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

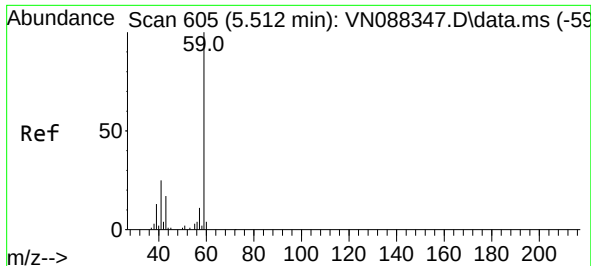
Tgt Ion:101 Resp: 81143
Ion Ratio Lower Upper
101 100
85 46.2 39.2 58.8
151 69.8 53.6 80.4



#10
Methyl Iodide
Concen: 15.781 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion:142 Resp: 82303
Ion Ratio Lower Upper
142 100
127 49.8 37.9 56.9
141 14.5 12.4 18.6

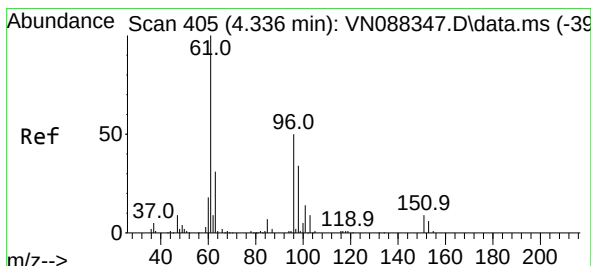
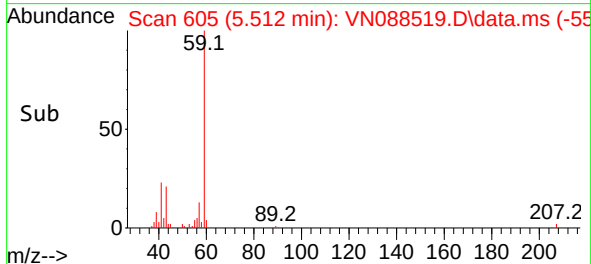
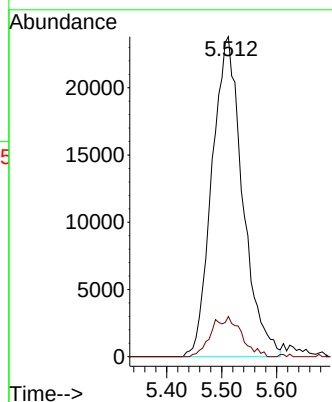
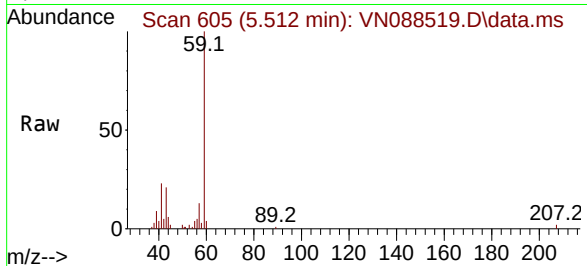




#11
Tert butyl alcohol
Concen: 71.409 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

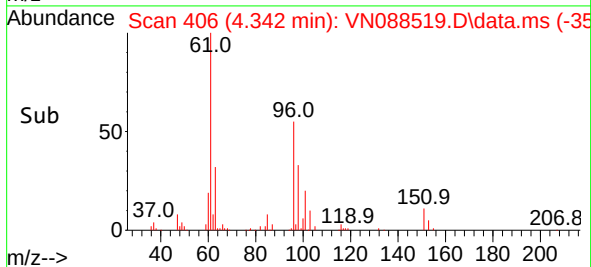
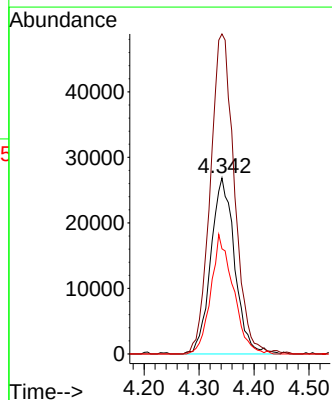
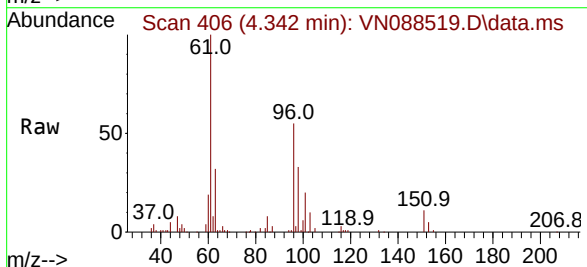
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

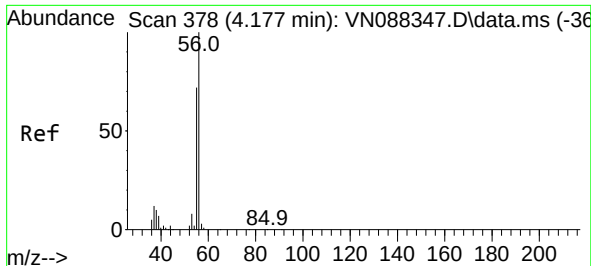
Tgt Ion: 59 Resp: 92145
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 15.502 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 96 Resp: 81143
Ion Ratio Lower Upper
96 100
61 181.8 159.1 238.7
98 59.7 53.7 80.5





#13

Acrolein

Concen: 60.324 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

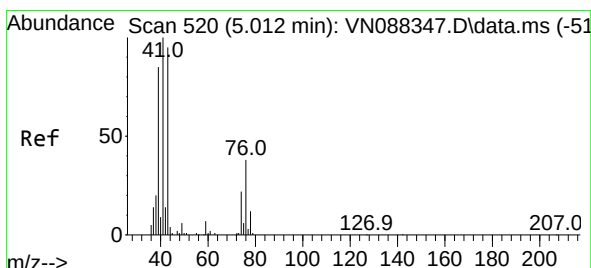
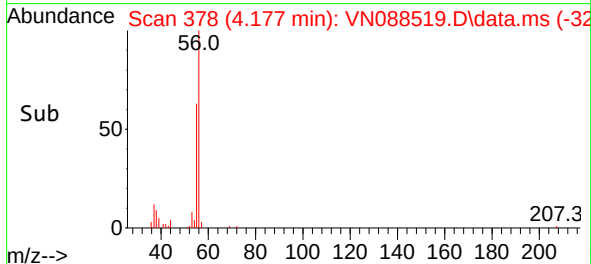
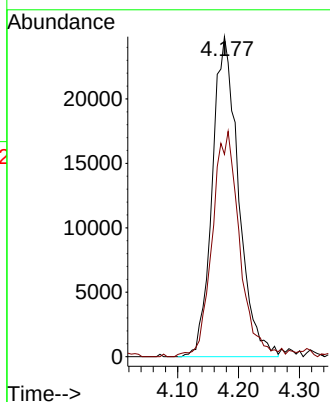
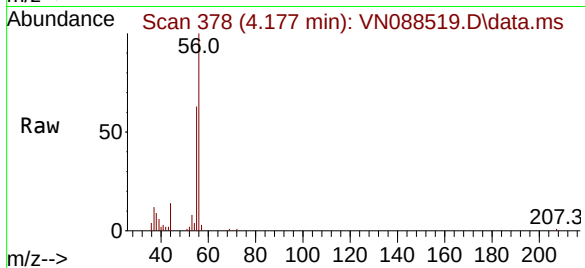
VN1216WBS01

Tgt Ion: 56 Resp: 74524

Ion Ratio Lower Upper

56 100

55 73.1 56.3 84.5



#14

Allyl chloride

Concen: 15.910 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

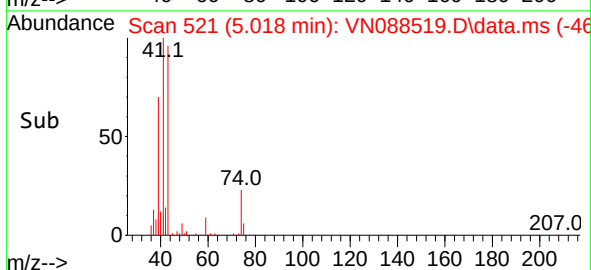
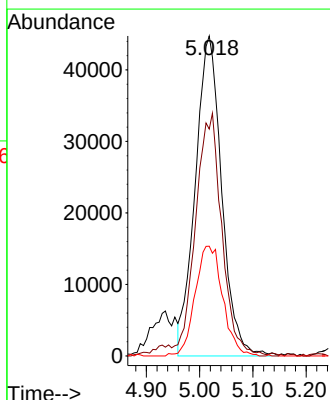
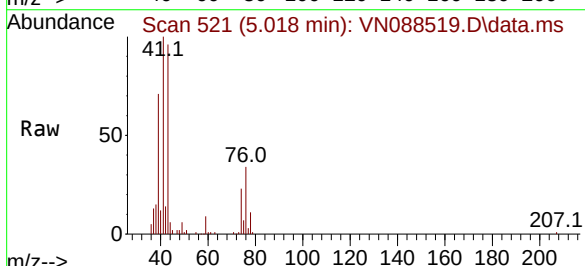
Tgt Ion: 41 Resp: 154360

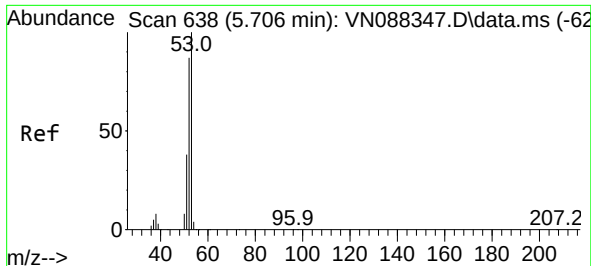
Ion Ratio Lower Upper

41 100

39 74.4 64.7 97.1

76 35.8 29.1 43.7

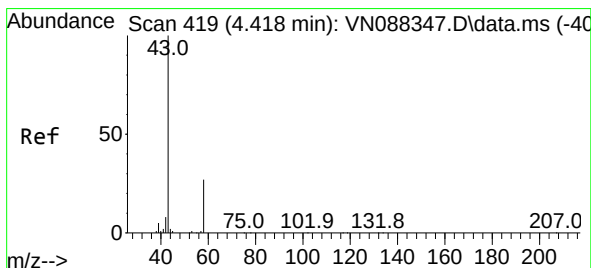
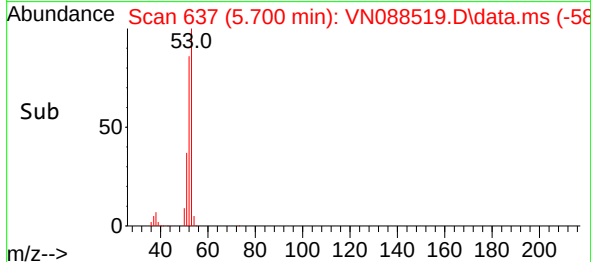
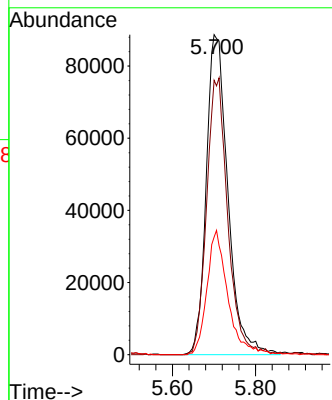
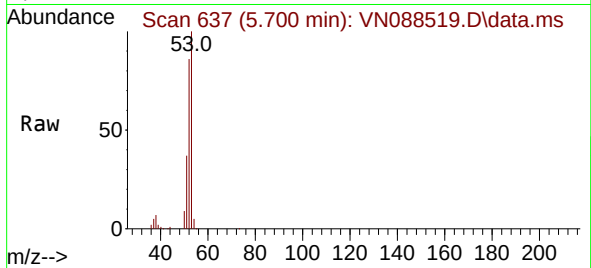




#15
Acrylonitrile
Concen: 86.291 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

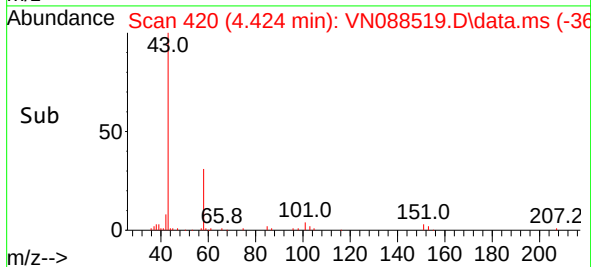
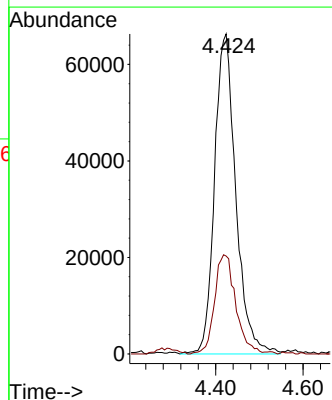
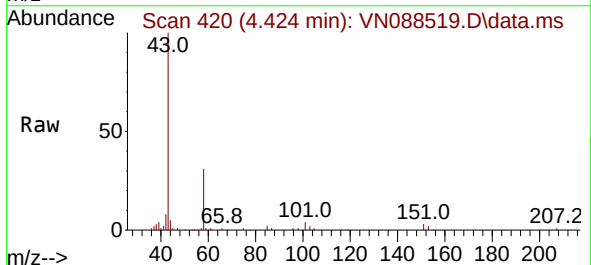
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

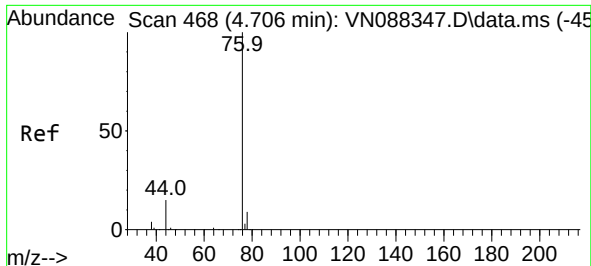
Tgt Ion: 53 Resp: 321261
Ion Ratio Lower Upper
53 100
52 84.3 67.8 101.6
51 37.5 29.8 44.8



#16
Acetone
Concen: 76.508 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 43 Resp: 223631
Ion Ratio Lower Upper
43 100
58 30.3 21.7 32.5

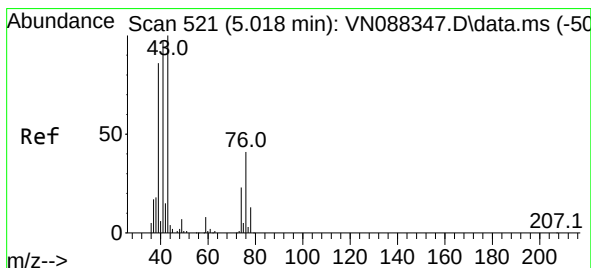
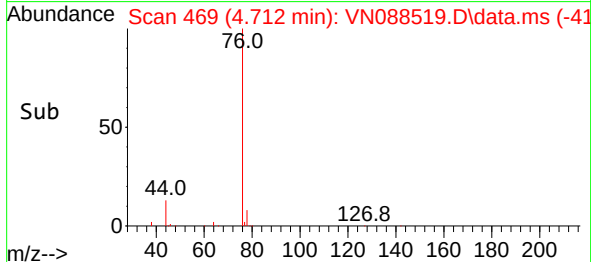
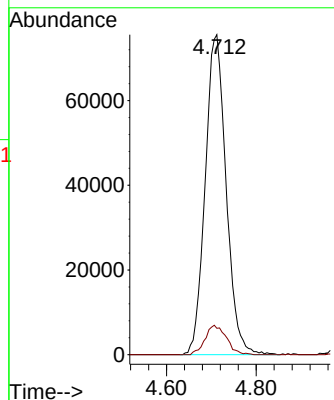
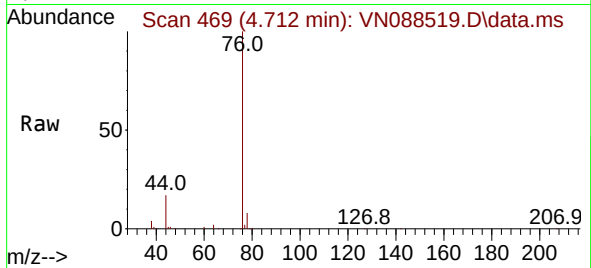




#17
Carbon Disulfide
Concen: 14.312 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

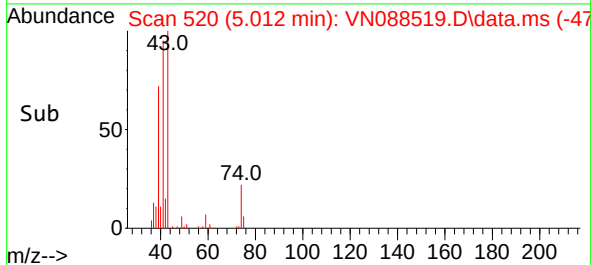
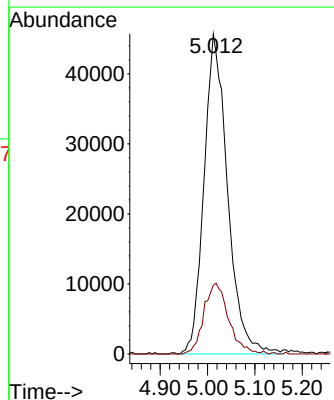
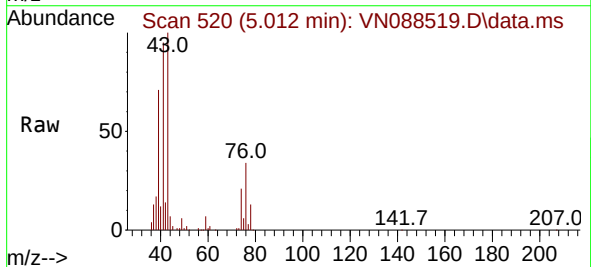
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

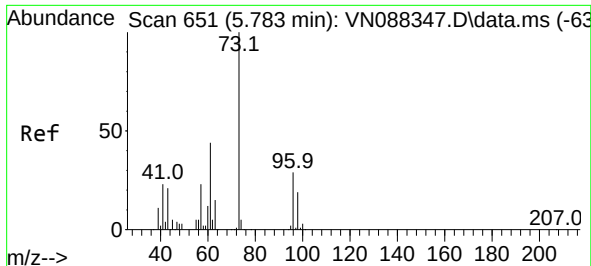
Tgt Ion: 76 Resp: 244808
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 18.140 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 43 Resp: 157830
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9

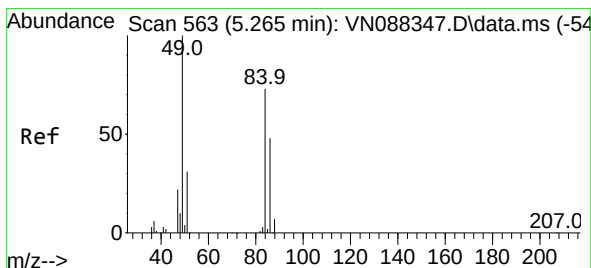
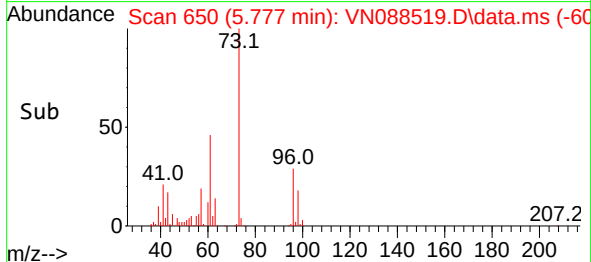
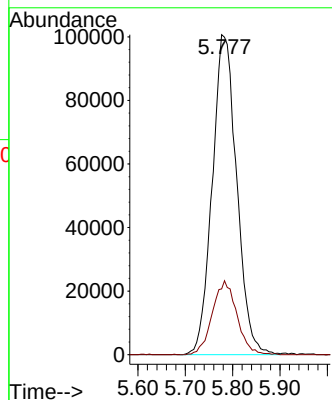
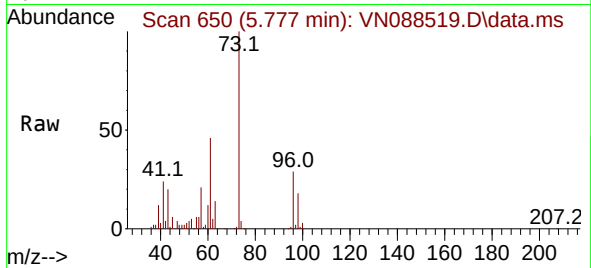




#19
Methyl tert-butyl Ether
Concen: 18.423 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

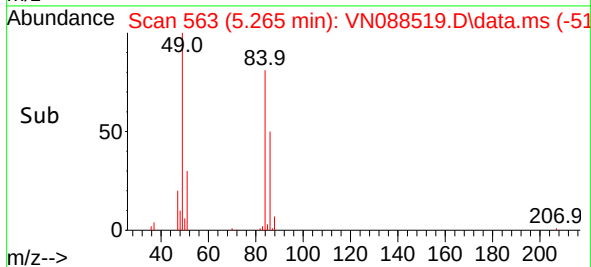
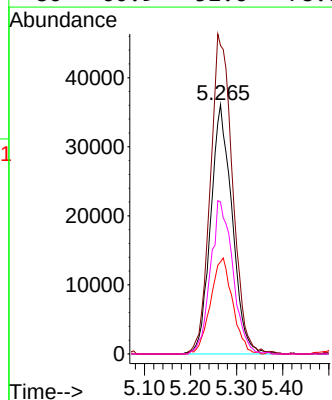
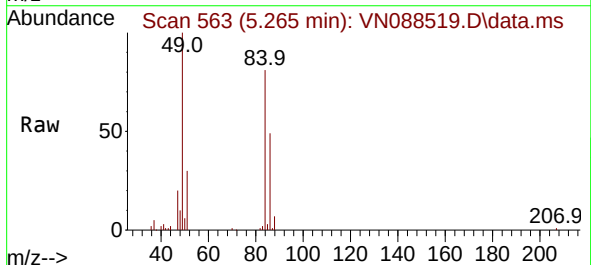
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

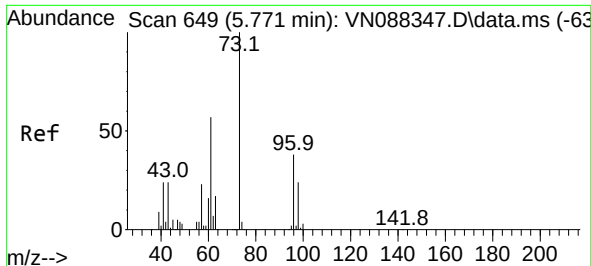
Tgt Ion: 73 Resp: 361298
Ion Ratio Lower Upper
73 100
57 20.5 18.6 28.0



#20
Methylene Chloride
Concen: 18.709 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 84 Resp: 117000
Ion Ratio Lower Upper
84 100
49 123.7 110.2 165.2
51 37.0 34.1 51.1
86 60.9 52.6 78.8

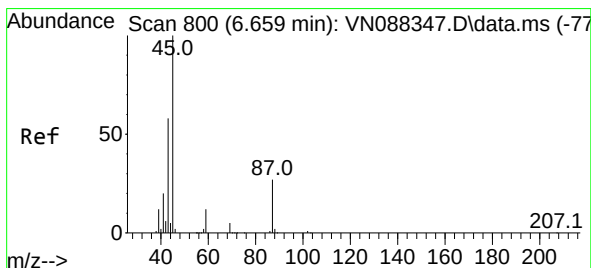
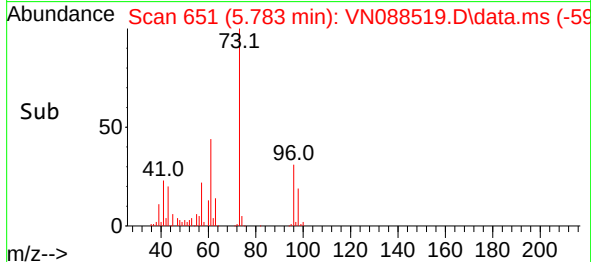
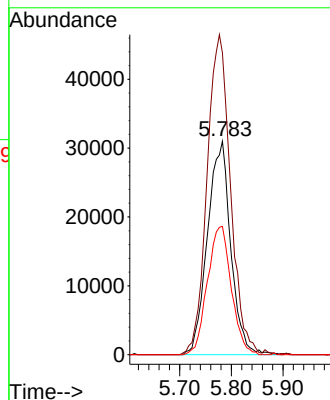
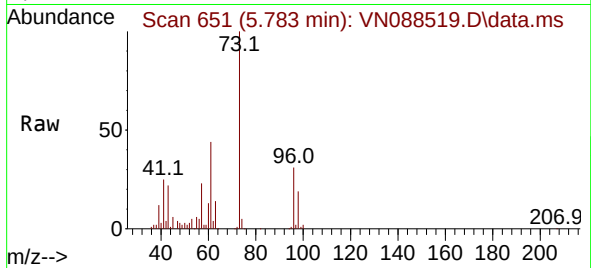




#21
trans-1,2-Dichloroethene
Concen: 16.717 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

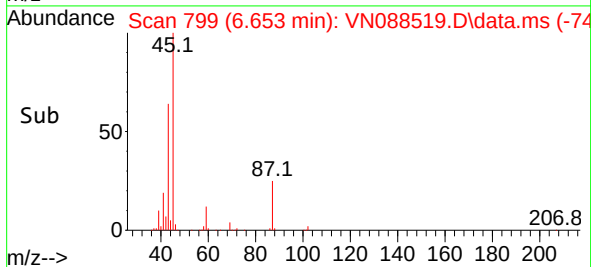
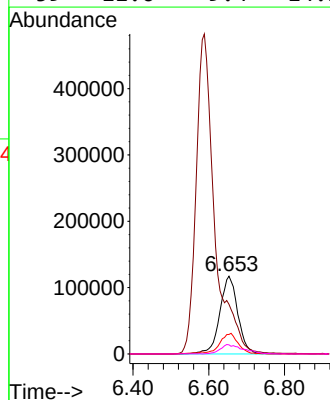
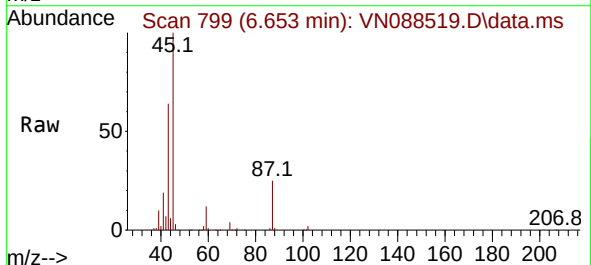
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

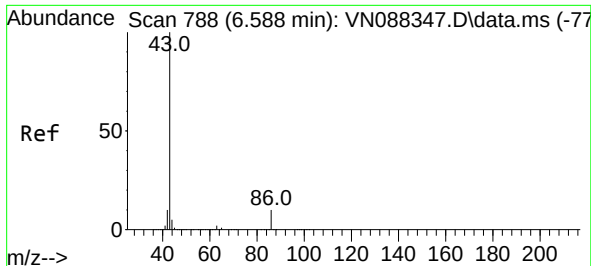
Tgt Ion: 96 Resp: 96931
Ion Ratio Lower Upper
96 100
61 141.5 122.4 183.6
98 60.1 50.9 76.3



#22
Diisopropyl ether
Concen: 18.752 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 45 Resp: 388414
Ion Ratio Lower Upper
45 100
43 62.7 47.4 71.2
87 25.1 21.9 32.9
59 11.6 9.4 14.2

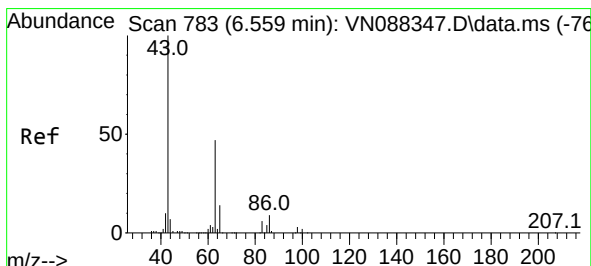
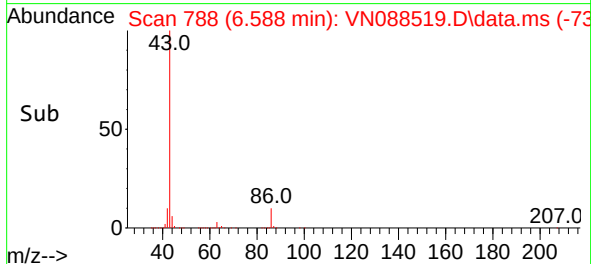
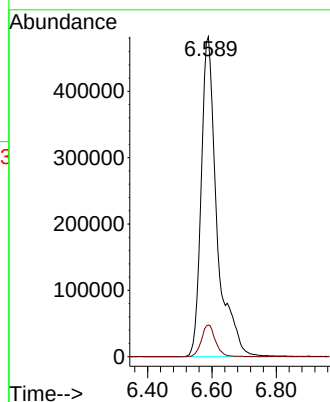
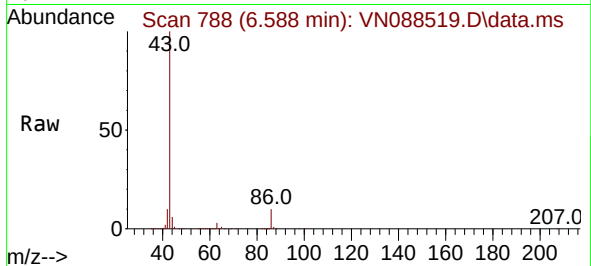




#23
 Vinyl Acetate
 Concen: 98.290 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

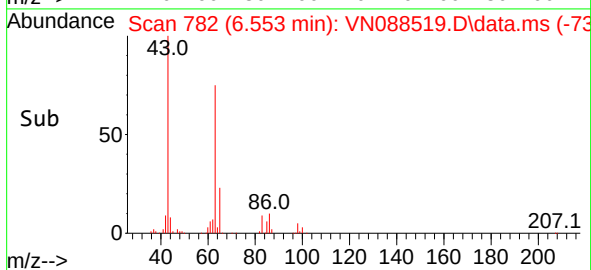
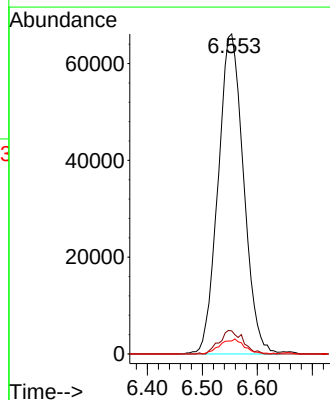
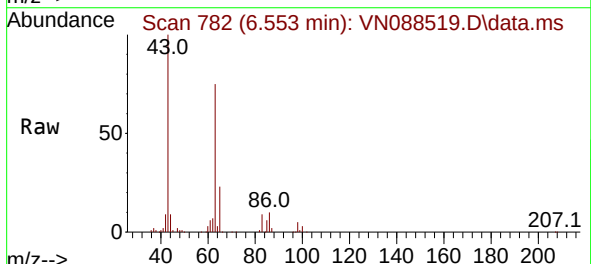
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

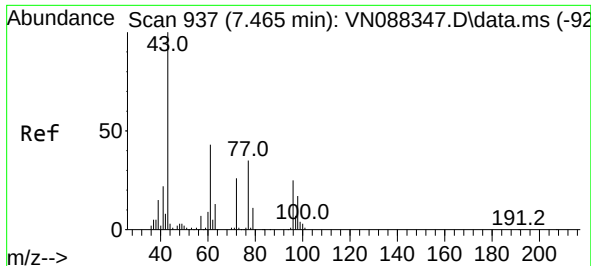
Tgt Ion: 43 Resp: 1640259
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 18.134 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

Tgt Ion: 63 Resp: 212706
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.1 1.9 5.7

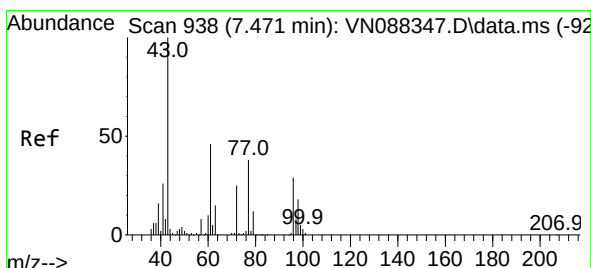
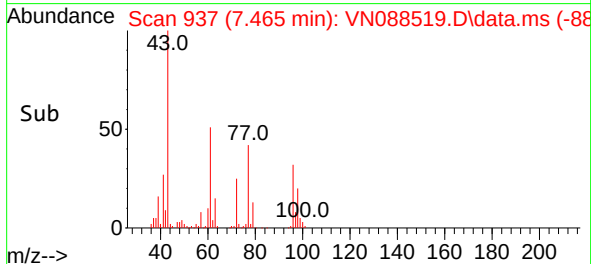
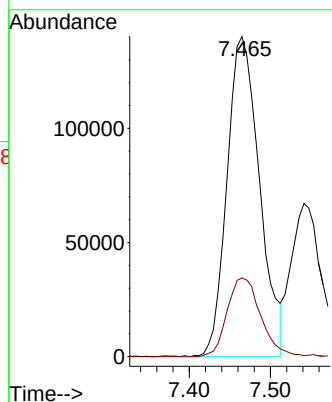
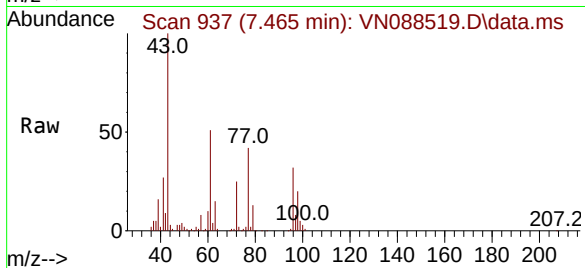




#25
2-Butanone
Concen: 83.180 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

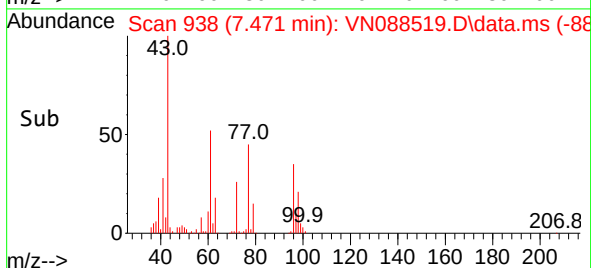
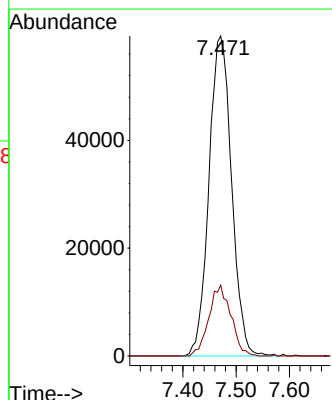
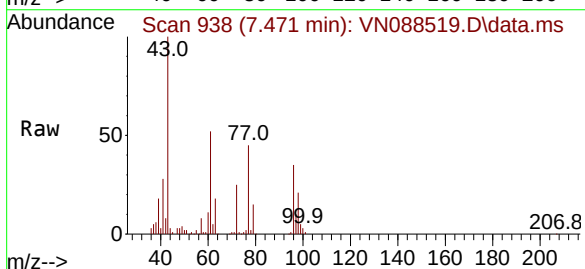
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

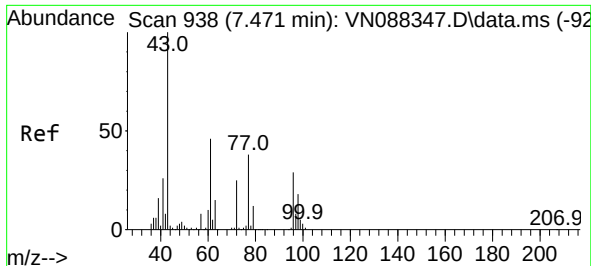
Tgt Ion: 43 Resp: 390862
Ion Ratio Lower Upper
43 100
72 24.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 17.278 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 77 Resp: 174929
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9

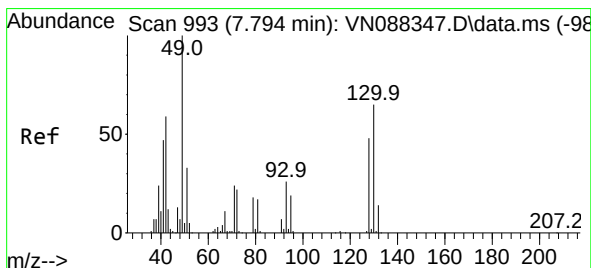
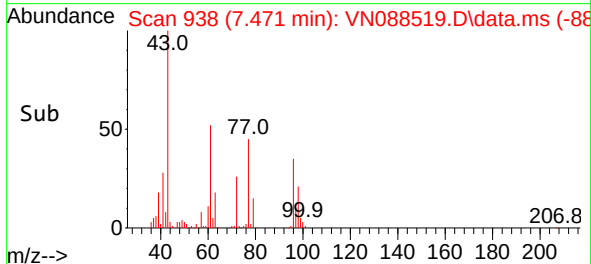
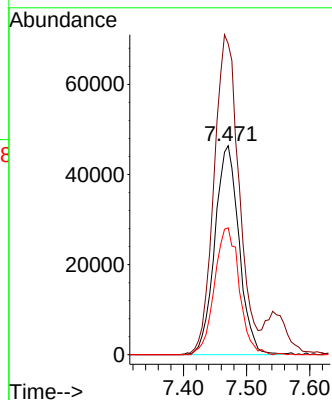
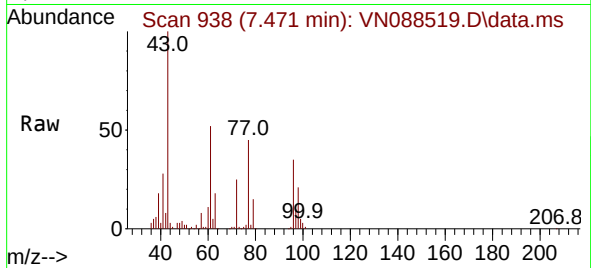




#27
cis-1,2-Dichloroethene
Concen: 18.351 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

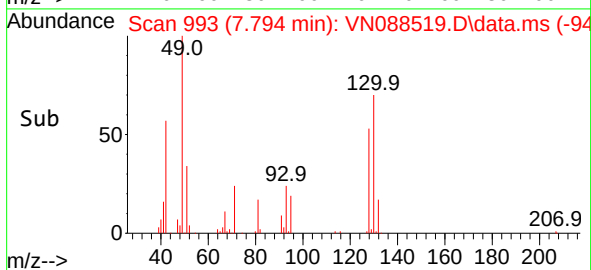
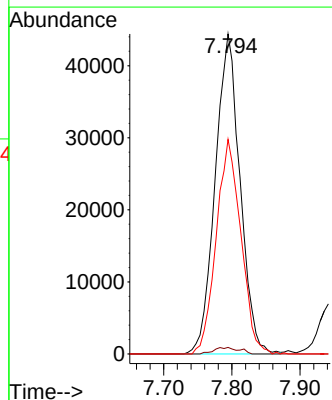
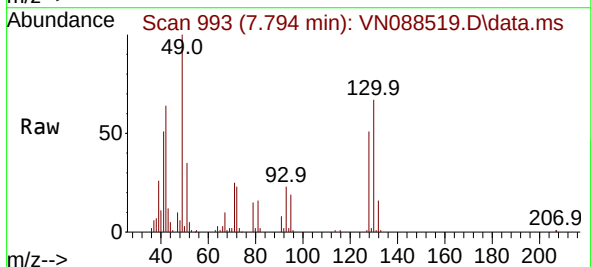
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

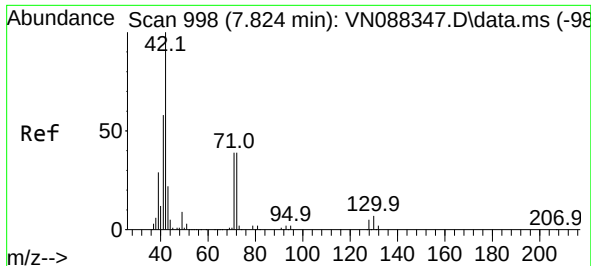
Tgt Ion: 96 Resp: 123659
Ion Ratio Lower Upper
96 100
61 157.3 0.0 323.6
98 61.9 0.0 127.2



#28
Bromochloromethane
Concen: 19.271 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 49 Resp: 112604
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 66.5 51.1 76.7





#29

Tetrahydrofuran

Concen: 86.353 ug/l

RT: 7.818 min Scan# 998

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

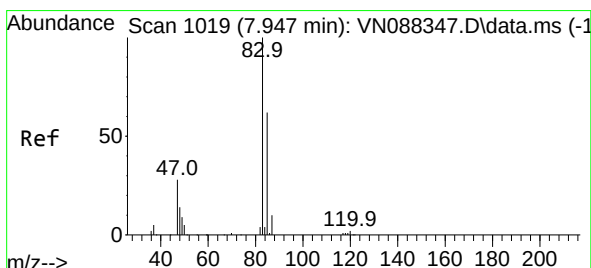
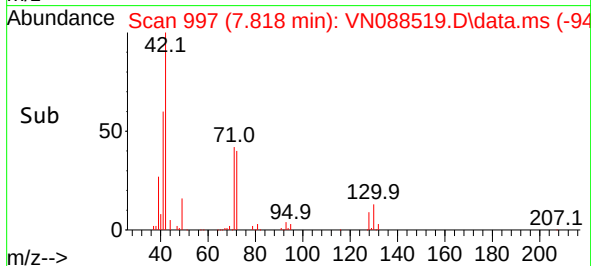
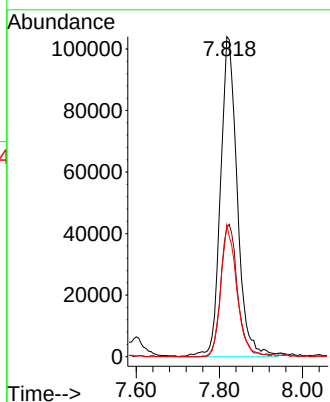
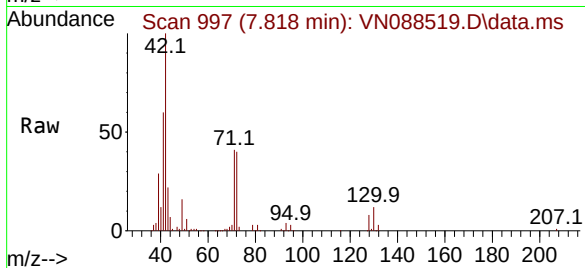
Tgt Ion: 42 Resp: 291051

Ion Ratio Lower Upper

42 100

72 41.0 32.2 48.4

71 39.2 31.1 46.7



#30

Chloroform

Concen: 19.289 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088519.D

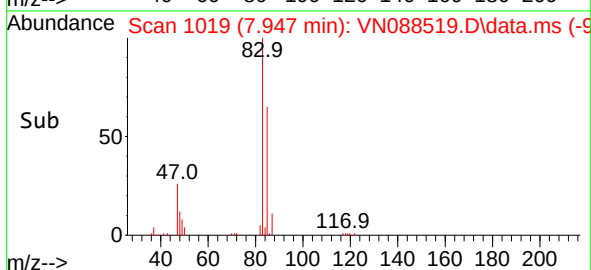
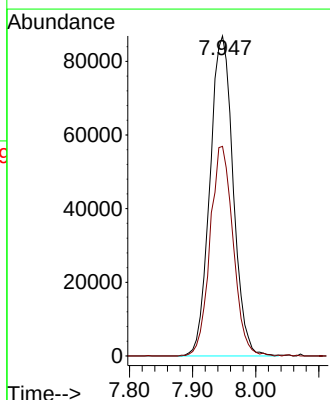
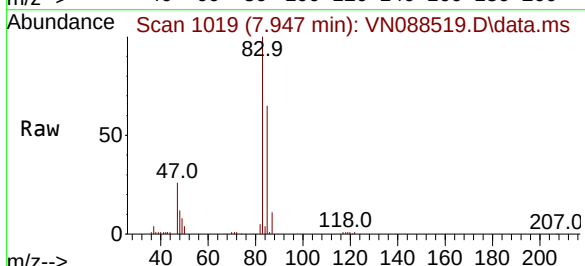
Acq: 16 Dec 2025 11:47

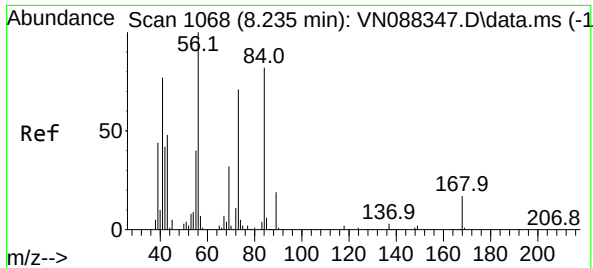
Tgt Ion: 83 Resp: 222322

Ion Ratio Lower Upper

83 100

85 65.5 49.8 74.8

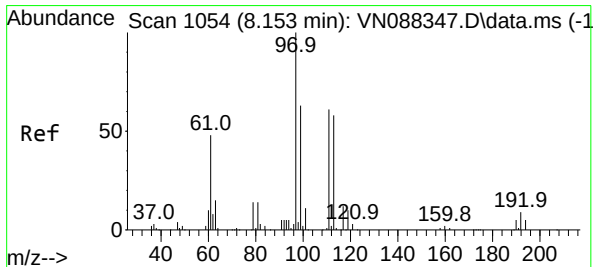
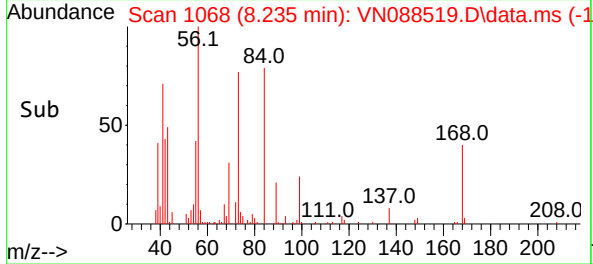
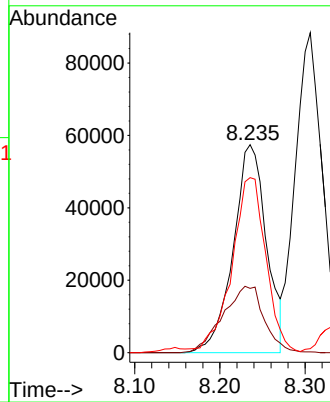
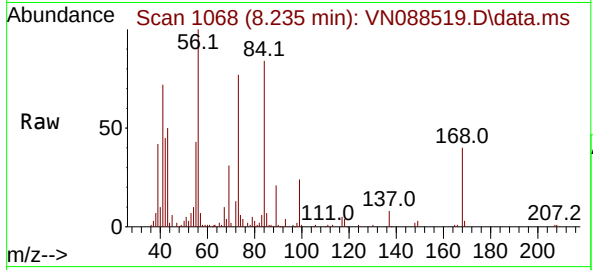




#31
Cyclohexane
Concen: 14.660 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

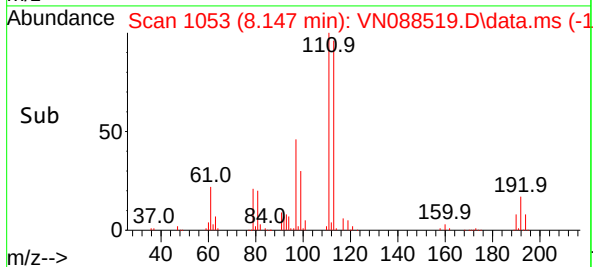
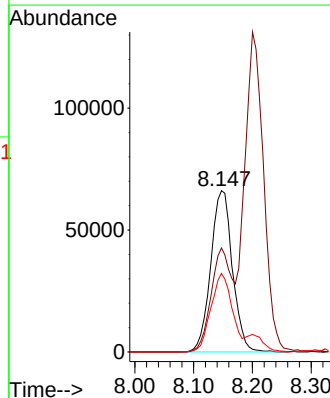
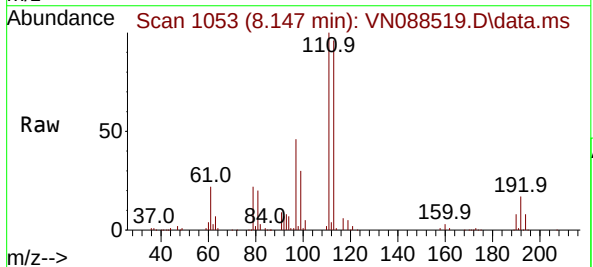
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

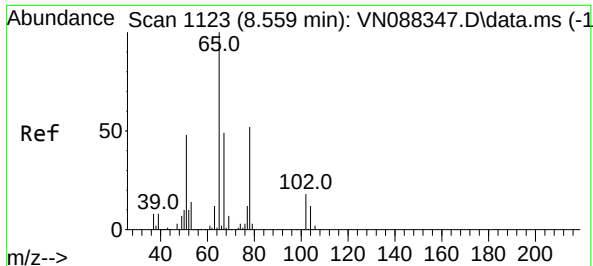
Tgt Ion: 56 Resp: 155828
Ion Ratio Lower Upper
56 100
69 31.0 25.3 37.9
84 82.3 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 16.738 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 97 Resp: 169621
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 48.8 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 59.871 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

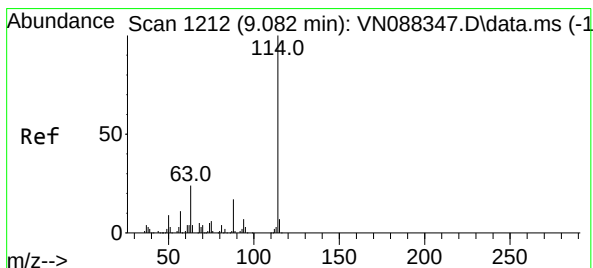
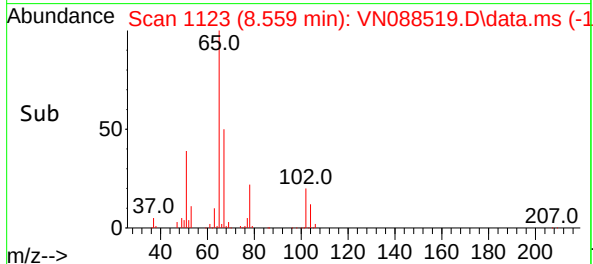
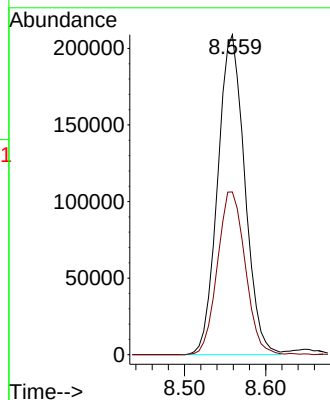
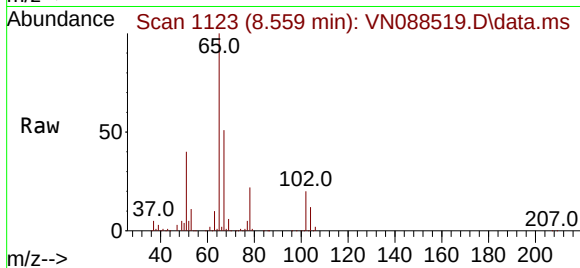
VN1216WBS01

Tgt Ion: 65 Resp: 483893

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

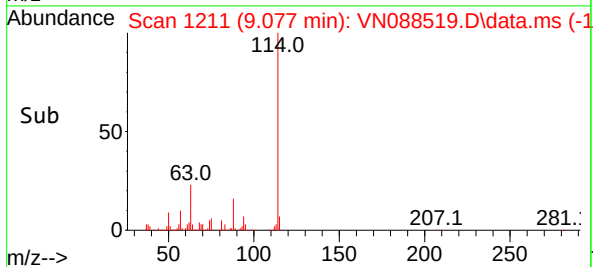
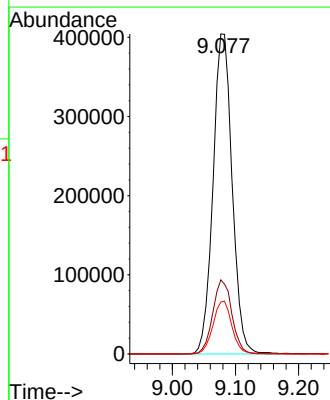
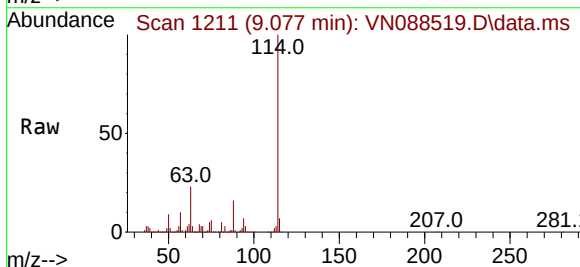
Tgt Ion: 114 Resp: 850263

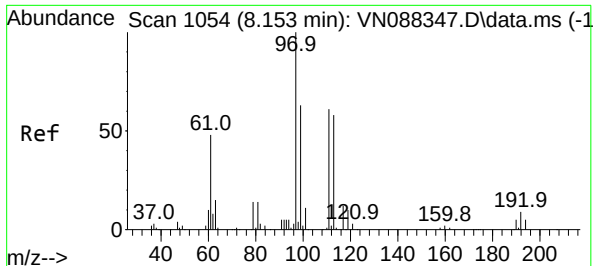
Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.0

88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 57.564 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

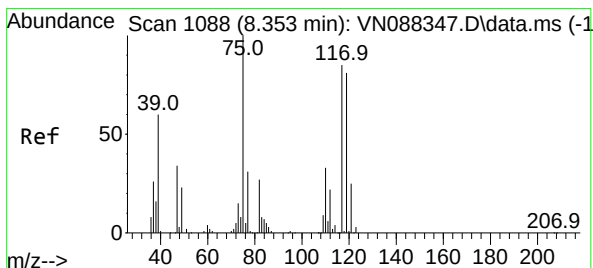
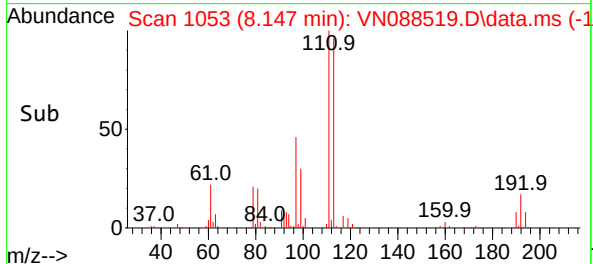
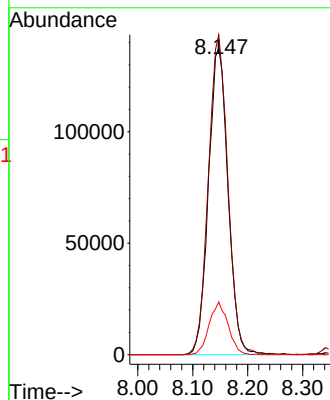
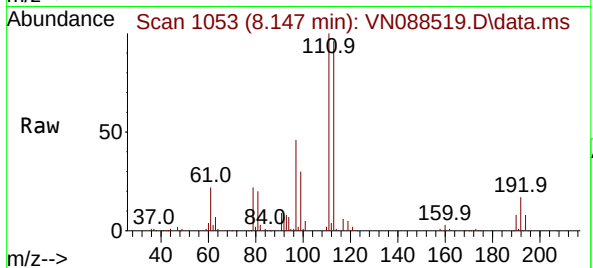
Tgt Ion:113 Resp: 339184

Ion Ratio Lower Upper

113 100

111 104.3 82.5 123.7

192 16.7 12.8 19.2



#36

1,1-Dichloropropene

Concen: 13.860 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

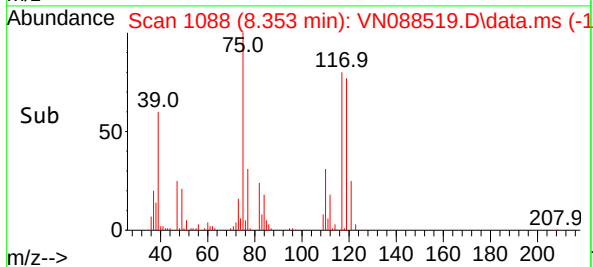
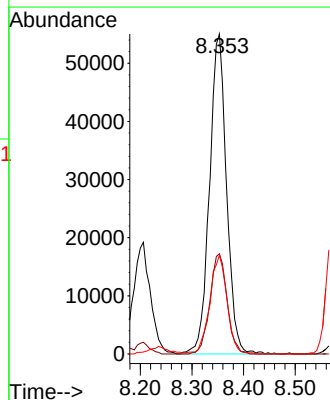
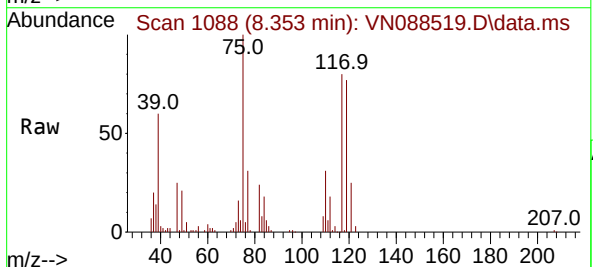
Tgt Ion: 75 Resp: 126042

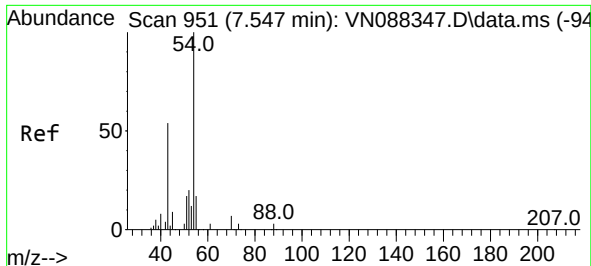
Ion Ratio Lower Upper

75 100

110 31.4 15.8 47.4

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 15.185 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

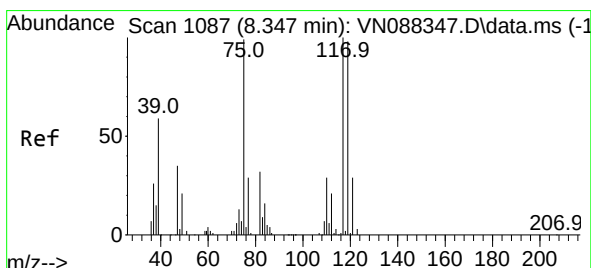
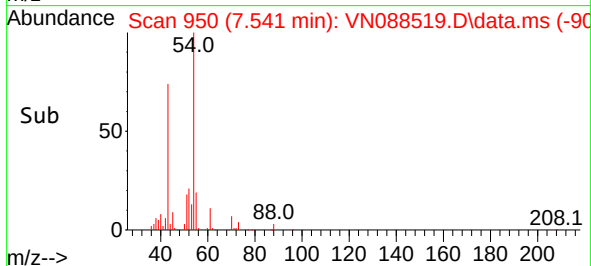
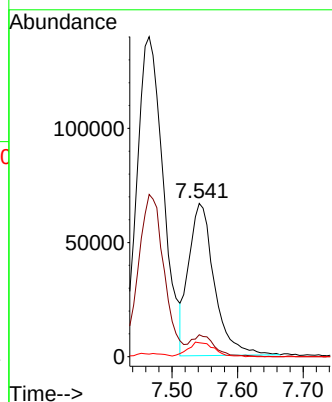
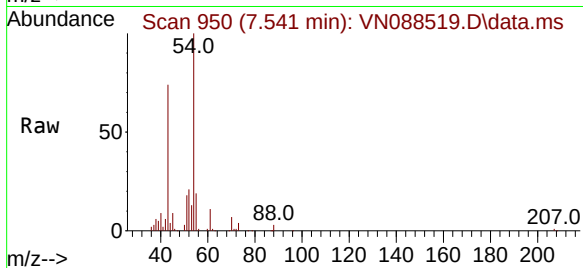
Tgt Ion: 43 Resp: 181572

Ion Ratio Lower Upper

43 100

61 12.7 9.5 14.3

70 9.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 15.304 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

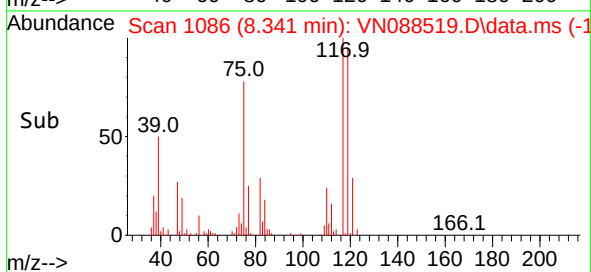
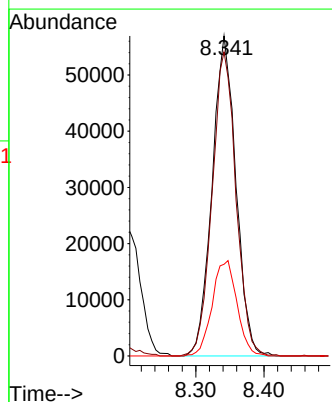
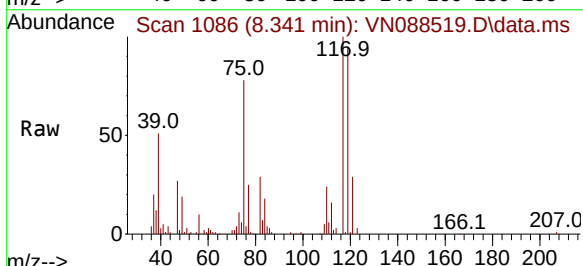
Tgt Ion: 117 Resp: 138543

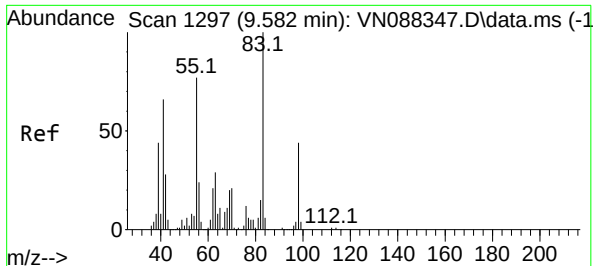
Ion Ratio Lower Upper

117 100

119 95.0 78.2 117.4

121 28.7 23.4 35.2





#39

Methylcyclohexane

Concen: 12.385 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

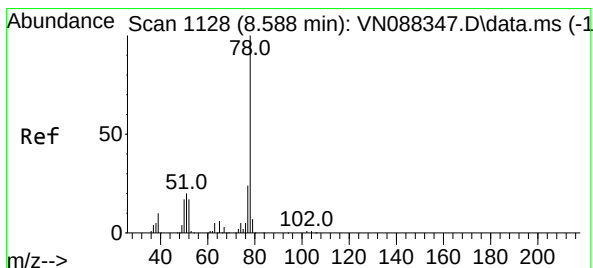
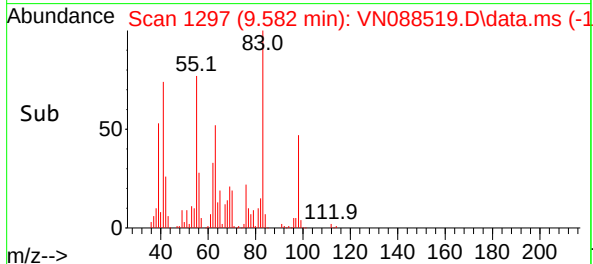
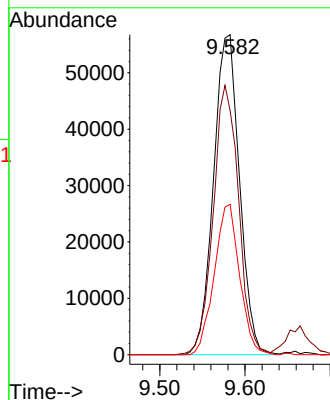
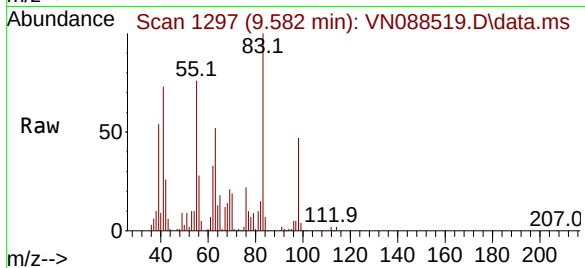
Tgt Ion: 83 Resp: 120468

Ion Ratio Lower Upper

83 100

55 76.1 61.6 92.4

98 47.0 35.3 52.9



#40

Benzene

Concen: 16.745 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088519.D

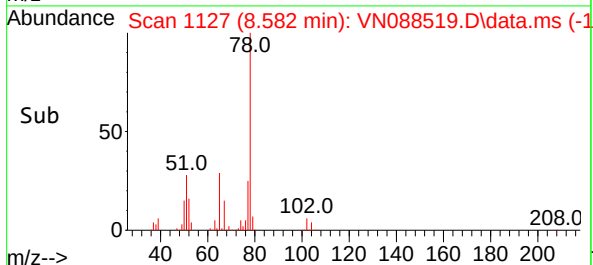
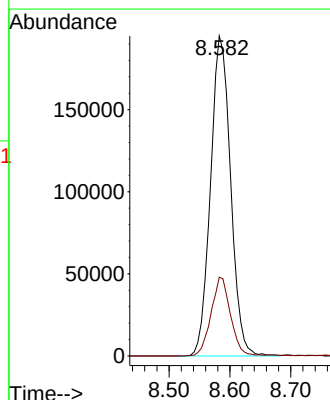
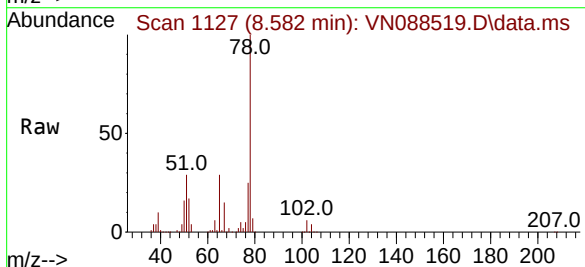
Acq: 16 Dec 2025 11:47

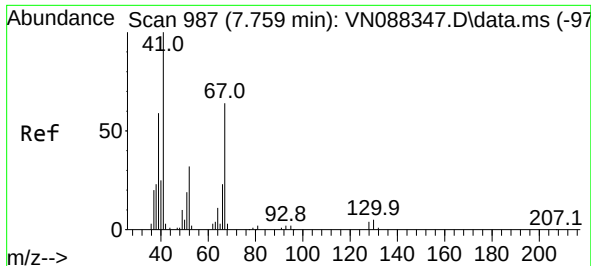
Tgt Ion: 78 Resp: 446919

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.4

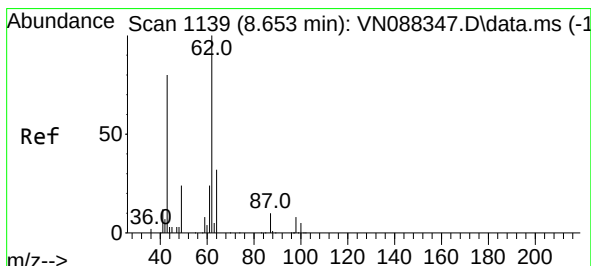
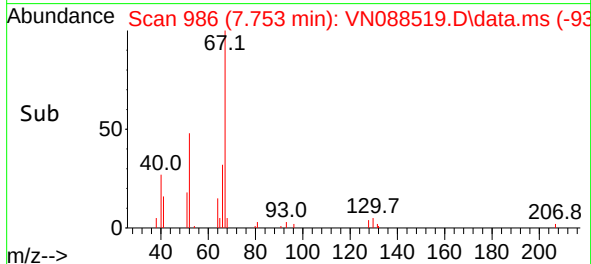
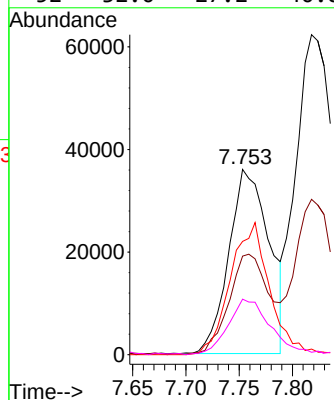
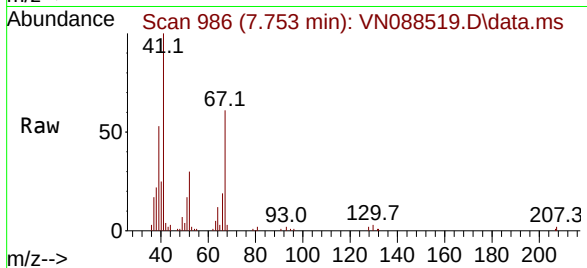




#41
Methacrylonitrile
Concen: 16.015 ug/l
RT: 7.753 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

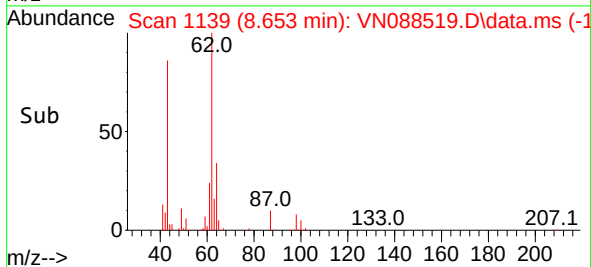
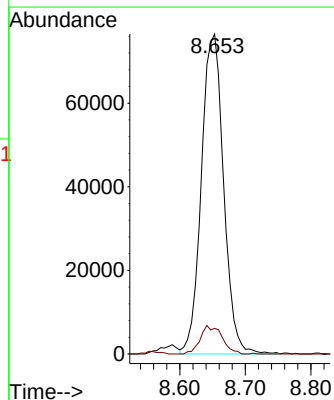
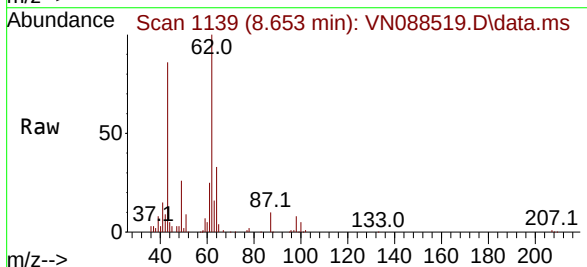
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

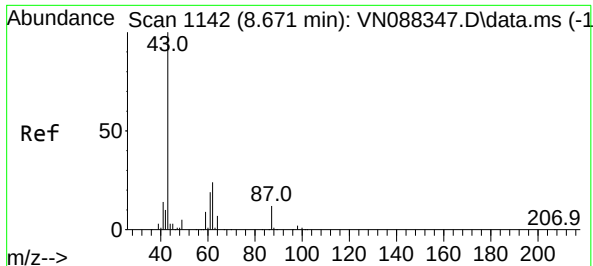
Tgt Ion:	41	Resp:	94844
Ion	Ratio	Lower	Upper
41	100		
39	55.3	46.3	69.5
67	69.6	54.7	82.1
52	32.0	27.2	40.8



#42
1,2-Dichloroethane
Concen: 17.750 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion:	62	Resp:	180747
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2

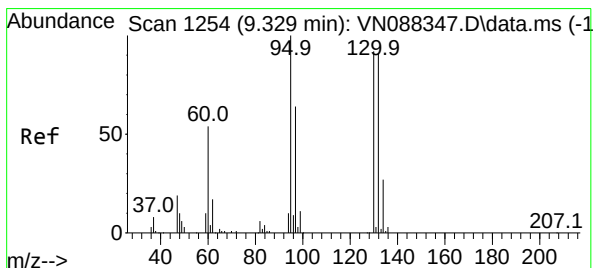
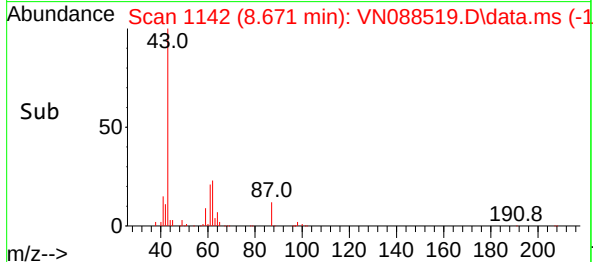
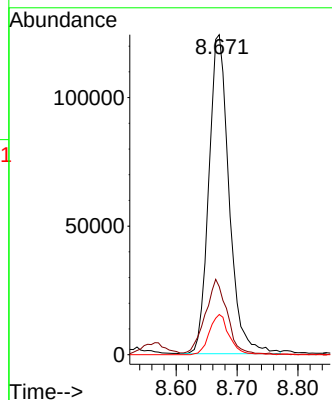
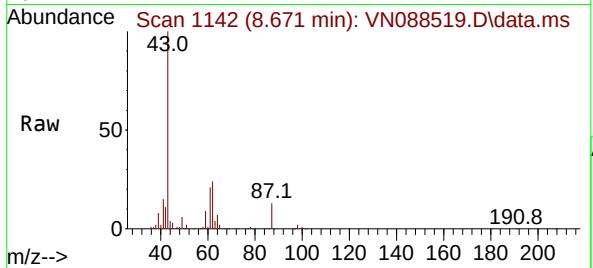




#43
Isopropyl Acetate
Concen: 15.705 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

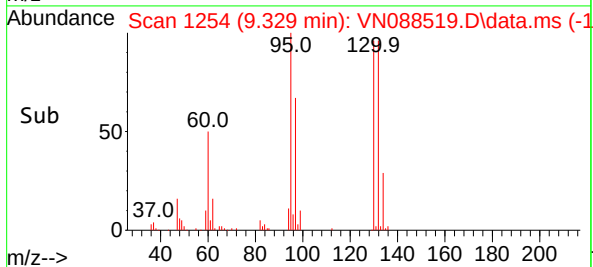
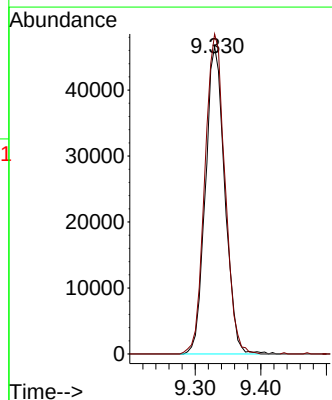
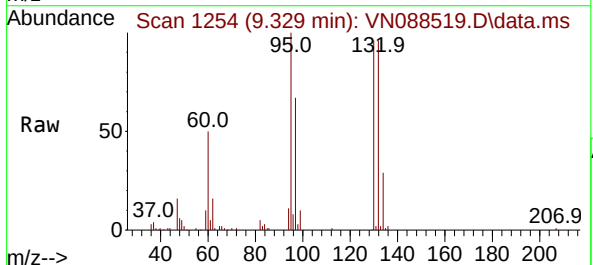
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

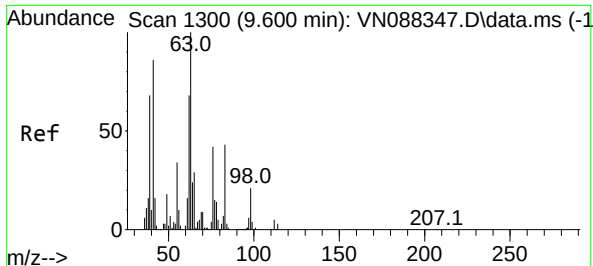
Tgt Ion: 43 Resp: 286913
Ion Ratio Lower Upper
43 100
61 26.0 18.7 28.1
87 12.3 9.1 13.7



#44
Trichloroethene
Concen: 15.189 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 130 Resp: 95787
Ion Ratio Lower Upper
130 100
95 104.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 17.615 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

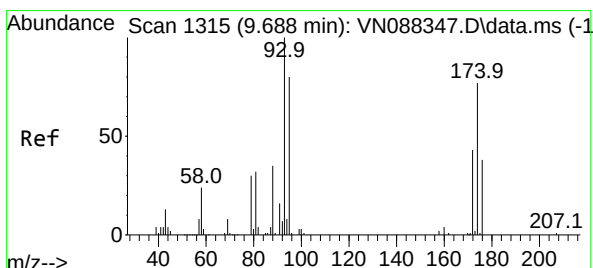
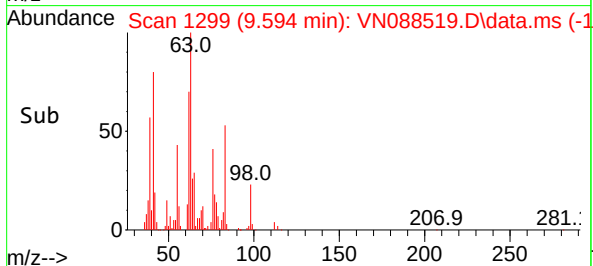
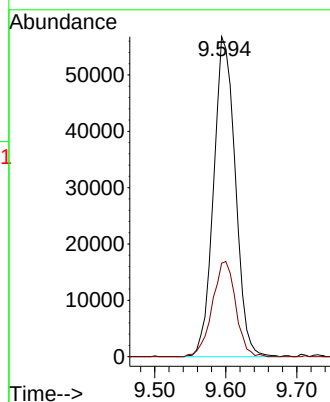
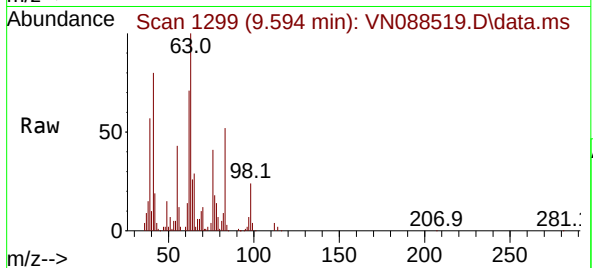
VN1216WBS01

Tgt Ion: 63 Resp: 120453

Ion Ratio Lower Upper

63 100

65 29.2 23.0 34.4



#46

Dibromomethane

Concen: 17.684 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

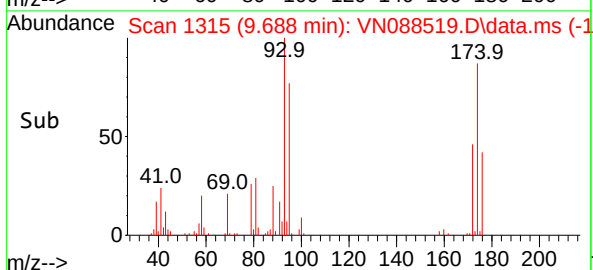
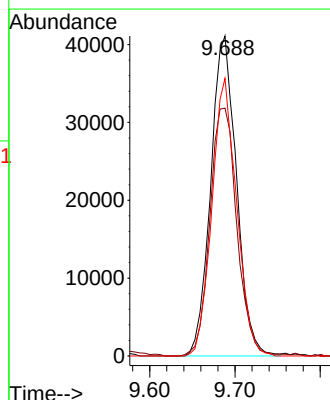
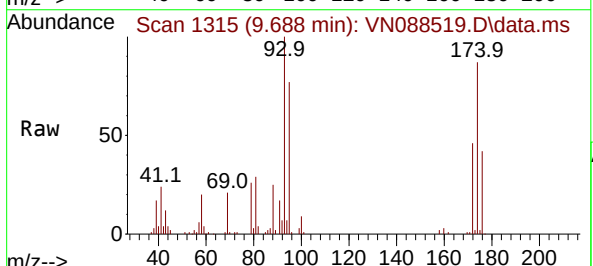
Tgt Ion: 93 Resp: 86300

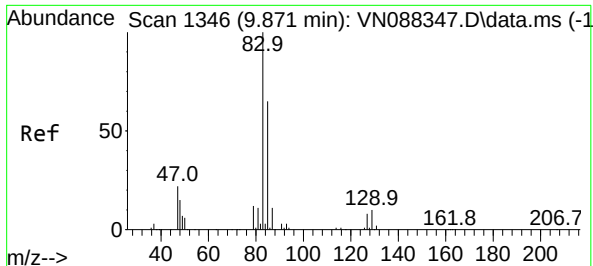
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.6

174 83.4 64.3 96.5





#47

Bromodichloromethane

Concen: 17.608 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

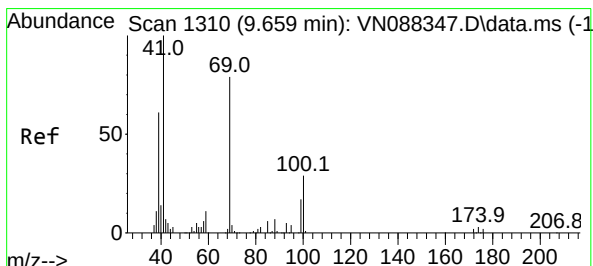
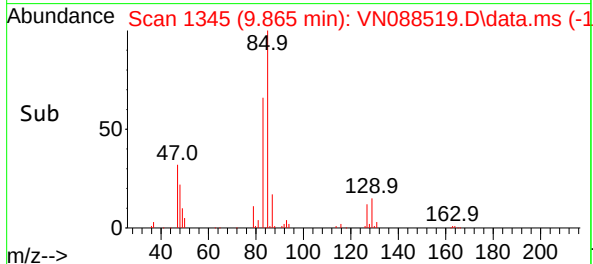
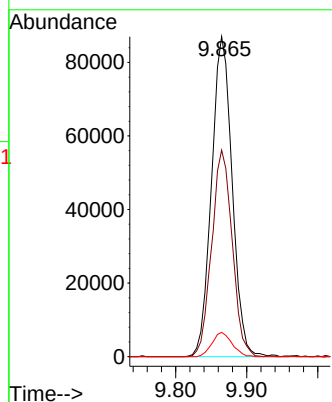
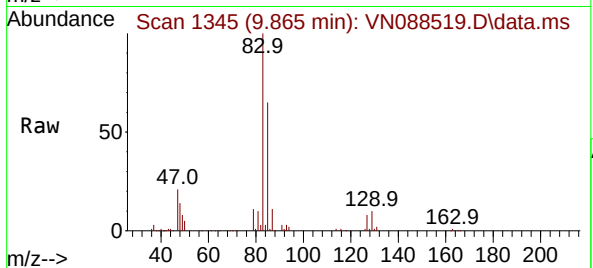
Tgt Ion: 83 Resp: 175331

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

127 7.6 6.3 9.5



#48

Methyl methacrylate

Concen: 15.849 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

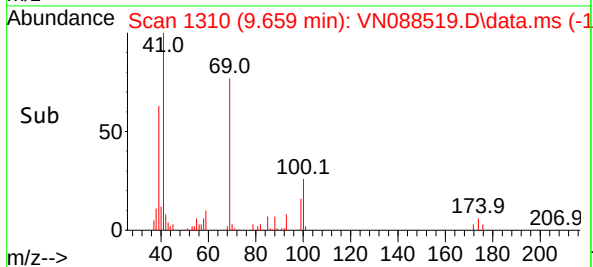
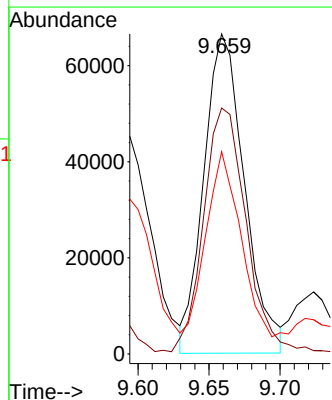
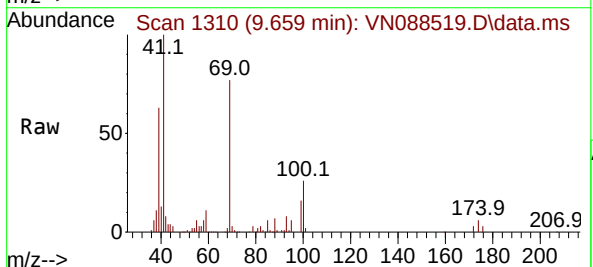
Tgt Ion: 41 Resp: 132110

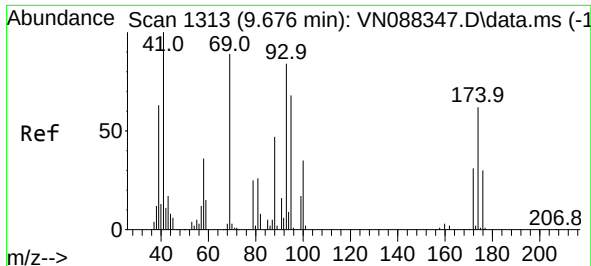
Ion Ratio Lower Upper

41 100

69 80.8 62.4 93.6

39 60.6 52.6 79.0





#49

1,4-Dioxane

Concen: 290.898 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

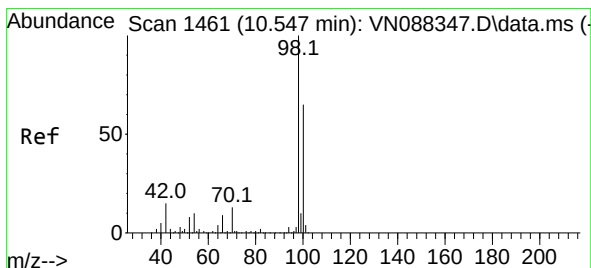
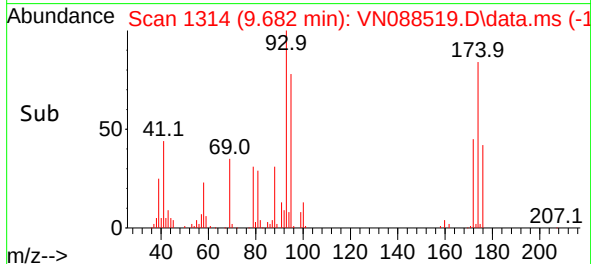
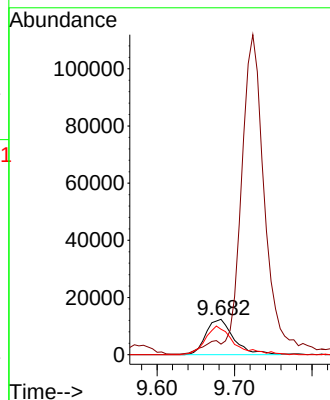
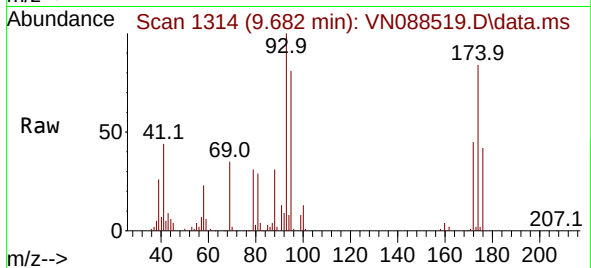
Tgt Ion: 88 Resp: 30837

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.9 62.0 93.0



#50

Toluene-d8

Concen: 55.572 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088519.D

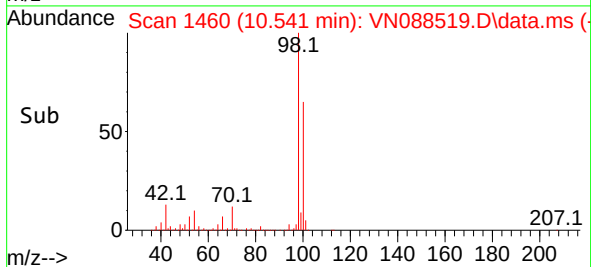
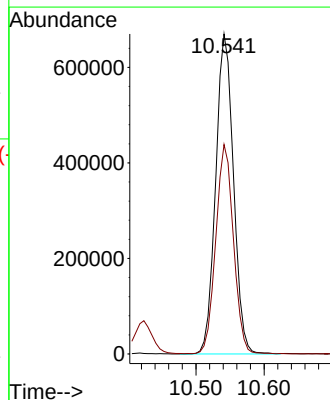
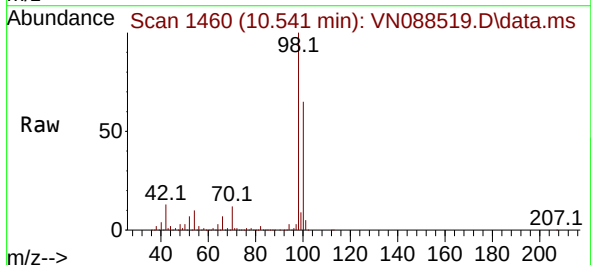
Acq: 16 Dec 2025 11:47

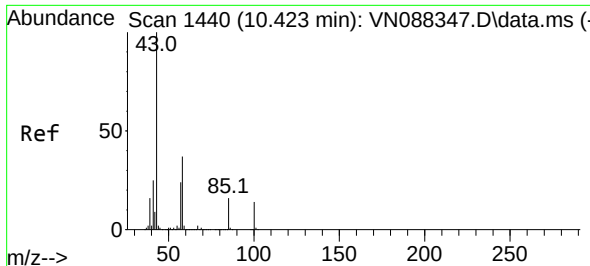
Tgt Ion: 98 Resp: 1218346

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

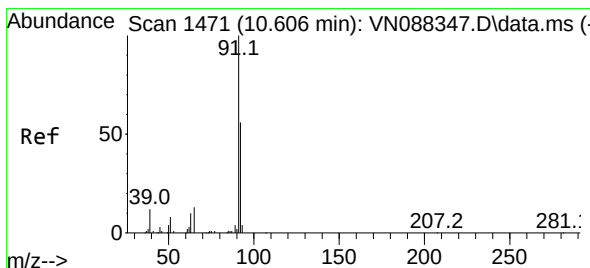
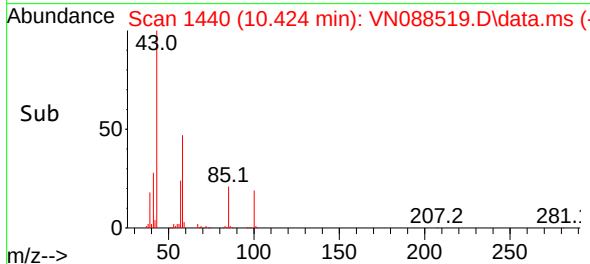
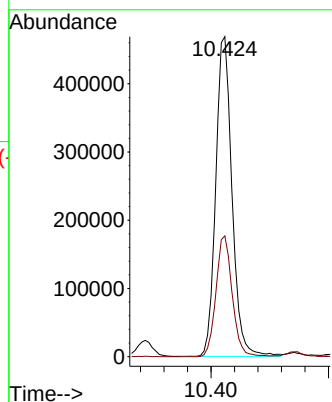
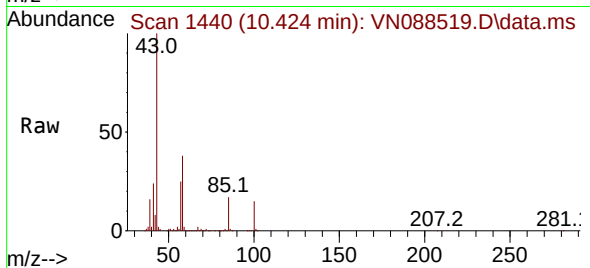




#51
4-Methyl-2-Pentanone
Concen: 83.516 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

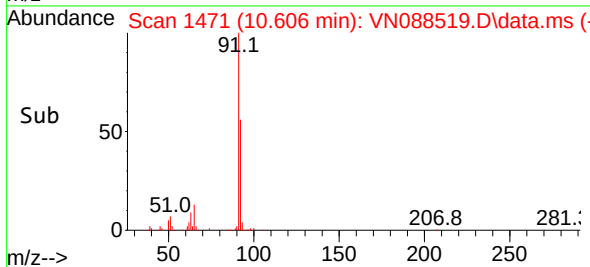
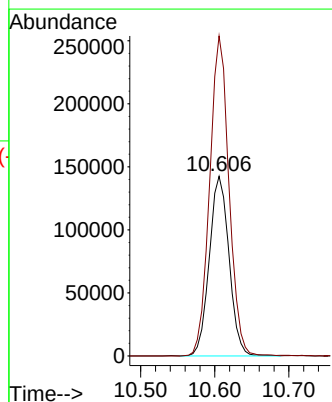
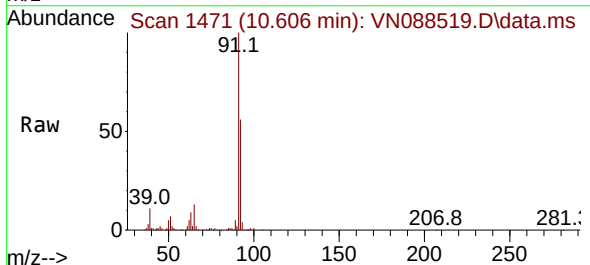
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

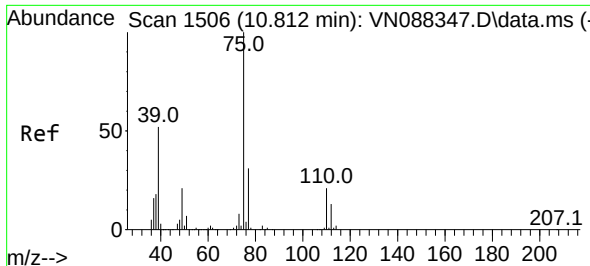
Tgt Ion: 43 Resp: 899329
Ion Ratio Lower Upper
43 100
58 37.8 29.1 43.7



#52
Toluene
Concen: 17.134 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 92 Resp: 264052
Ion Ratio Lower Upper
92 100
91 174.6 140.2 210.2

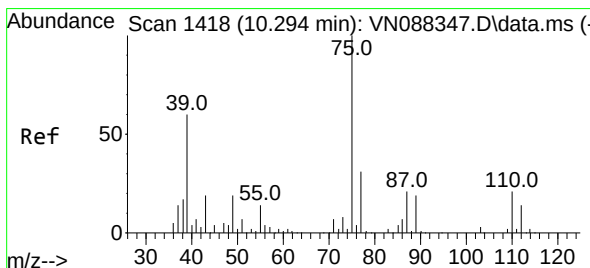
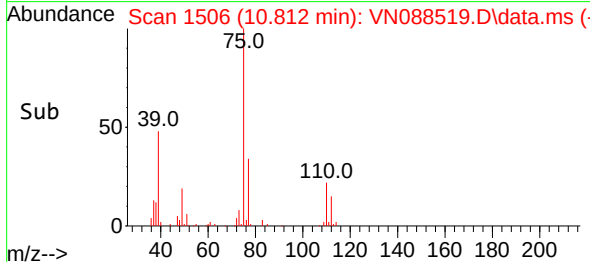
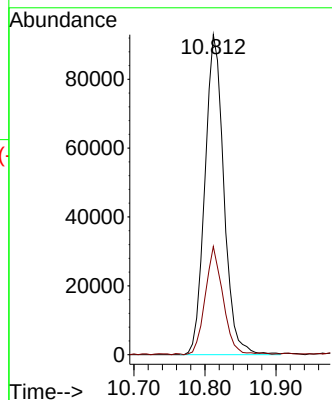
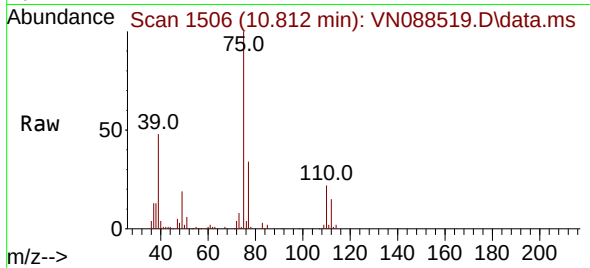




#53
t-1,3-Dichloropropene
Concen: 16.893 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

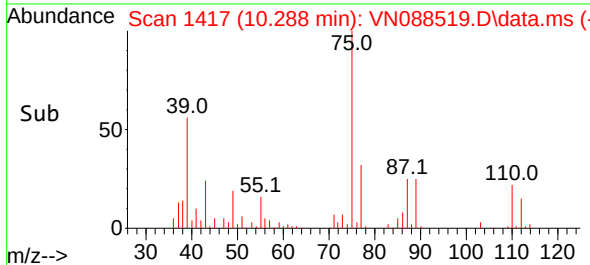
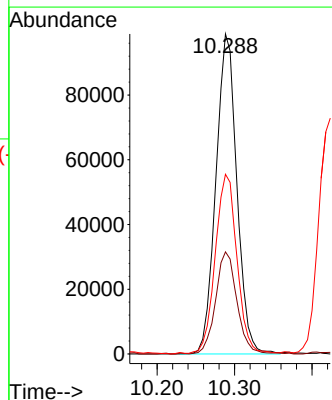
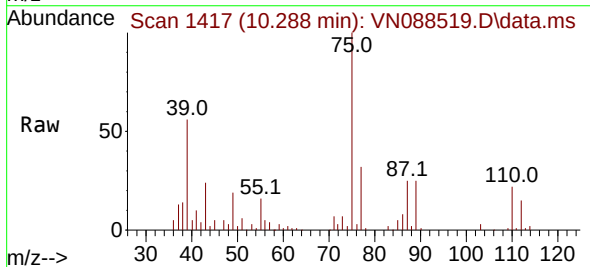
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

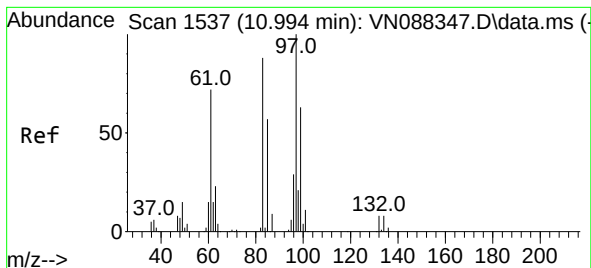
Tgt Ion: 75 Resp: 172664
Ion Ratio Lower Upper
75 100
77 33.6 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 17.314 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 75 Resp: 186102
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 55.7 48.3 72.5



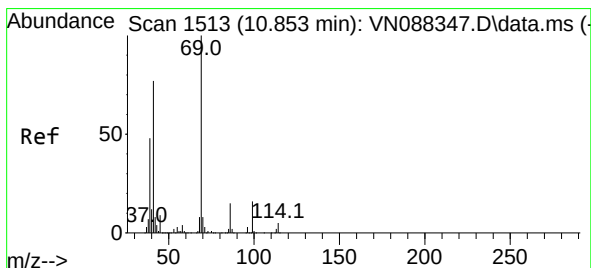
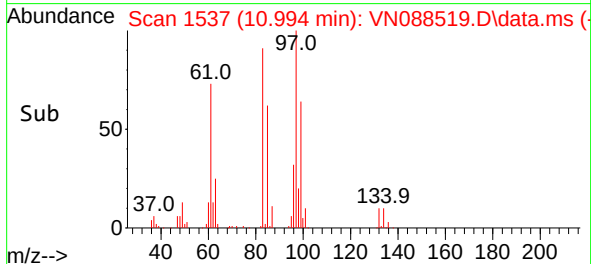
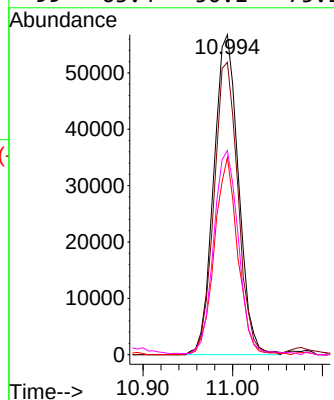
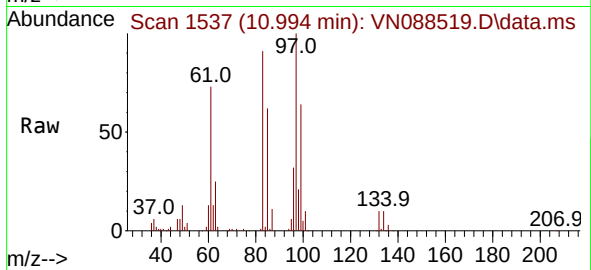


#55
1,1,2-Trichloroethane
Concen: 18.256 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 97 Resp: 108856

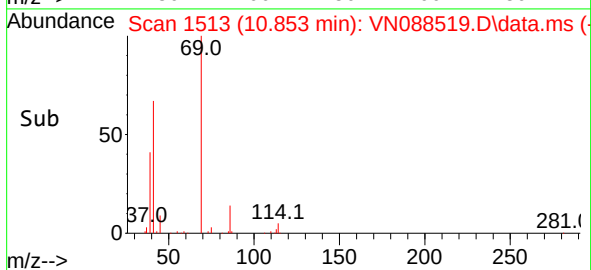
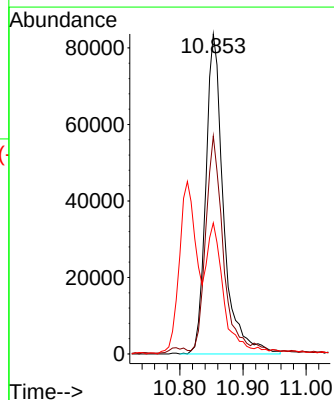
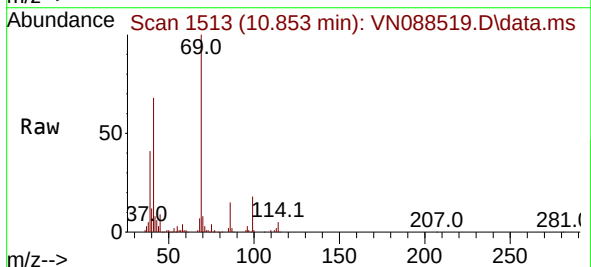
Ion	Ratio	Lower	Upper
97	100		
83	91.4	70.4	105.6
85	61.6	45.4	68.2
99	63.4	50.1	75.1

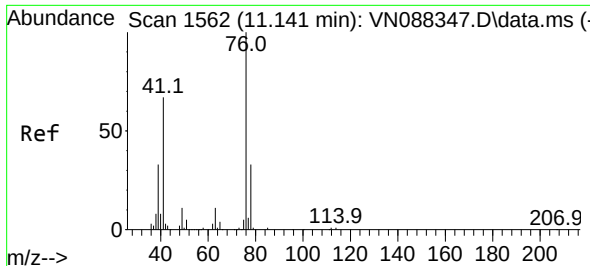


#56
Ethyl methacrylate
Concen: 17.334 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 69 Resp: 163263

Ion	Ratio	Lower	Upper
69	100		
41	67.2	59.6	89.4
39	38.5	36.4	54.6





#57

1,3-Dichloropropane

Concen: 17.655 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

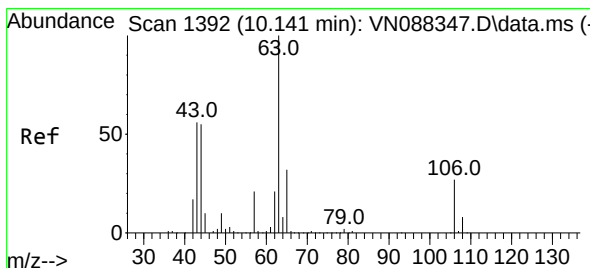
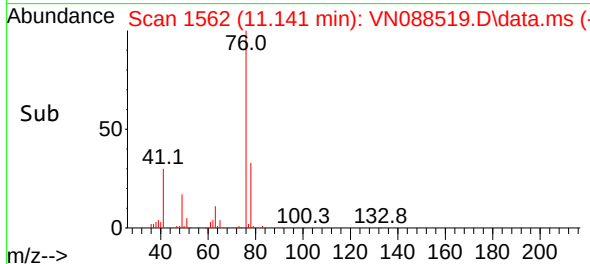
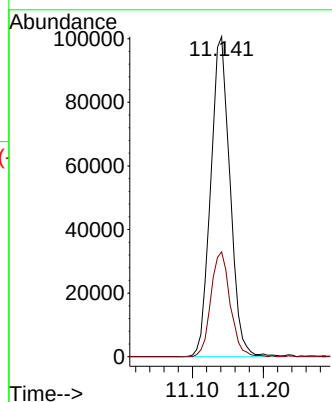
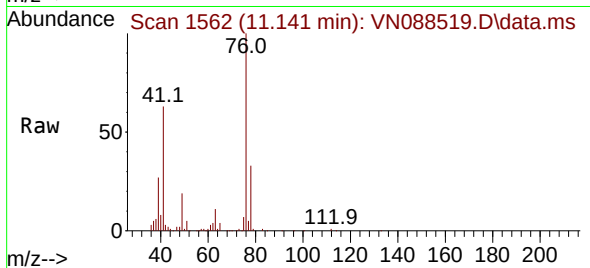
VN1216WBS01

Tgt Ion: 76 Resp: 189910

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.105 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088519.D

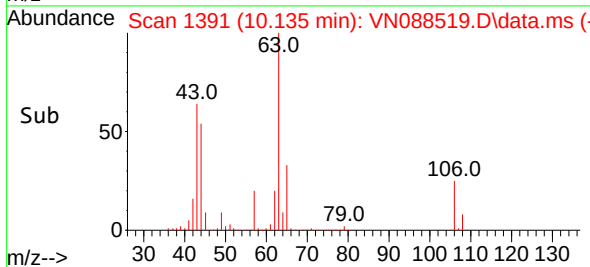
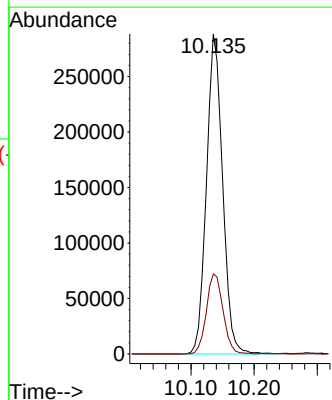
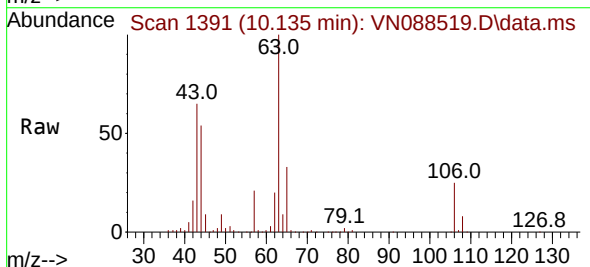
Acq: 16 Dec 2025 11:47

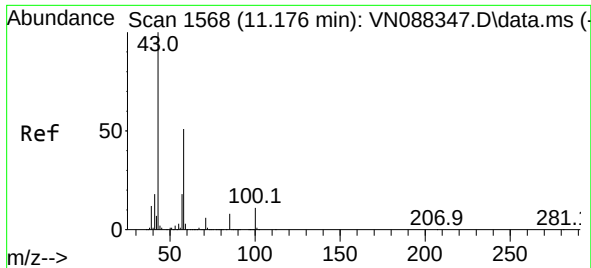
Tgt Ion: 63 Resp: 510990

Ion Ratio Lower Upper

63 100

106 25.8 20.5 30.7

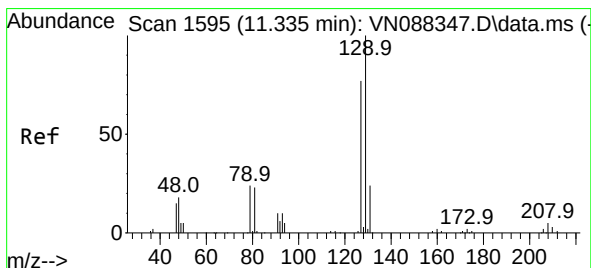
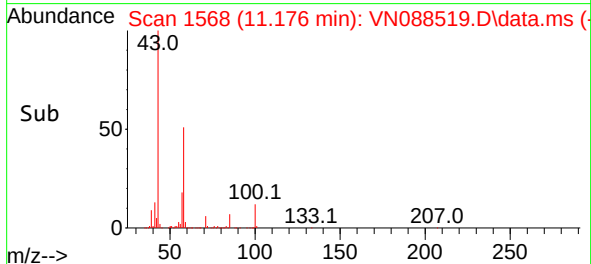
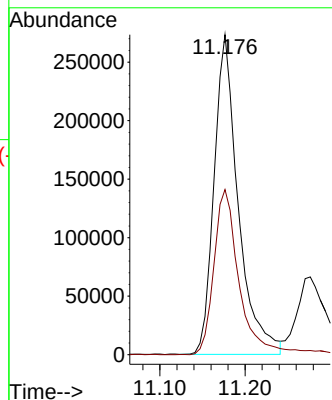
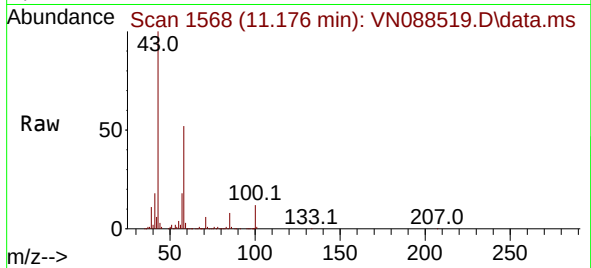




#59
2-Hexanone
Concen: 79.181 ug/l
RT: 11.176 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

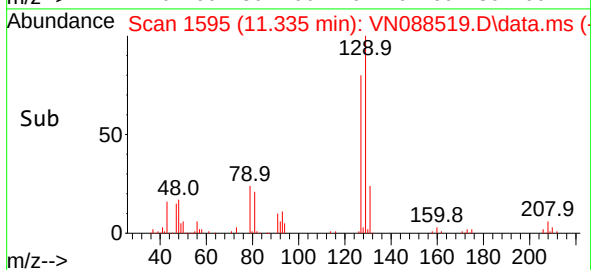
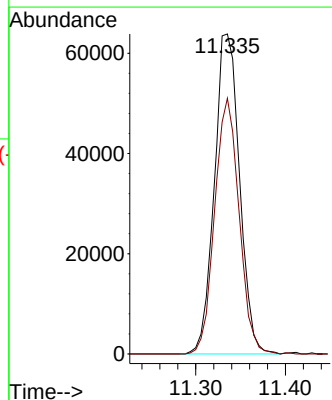
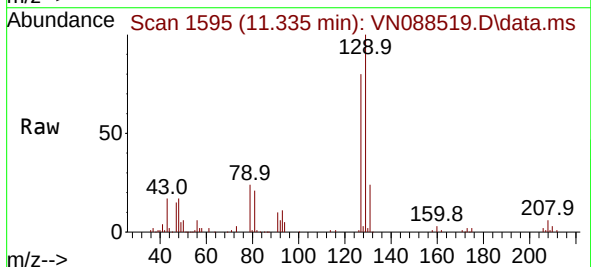
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

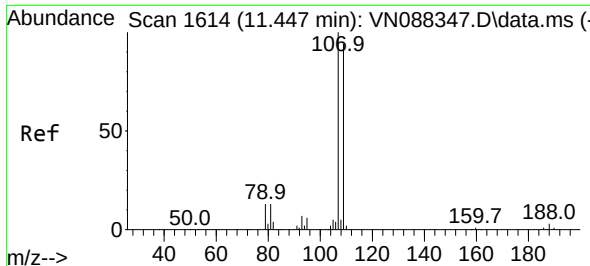
Tgt Ion: 43 Resp: 537130
Ion Ratio Lower Upper
43 100
58 55.3 25.3 75.9



#60
Dibromochloromethane
Concen: 18.293 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 129 Resp: 124345
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6

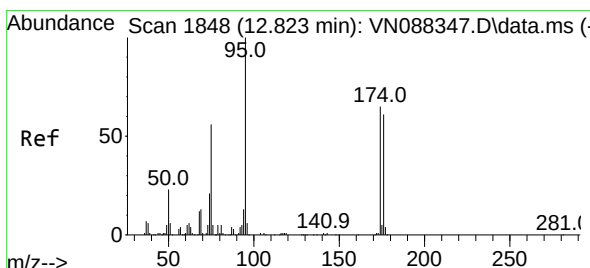
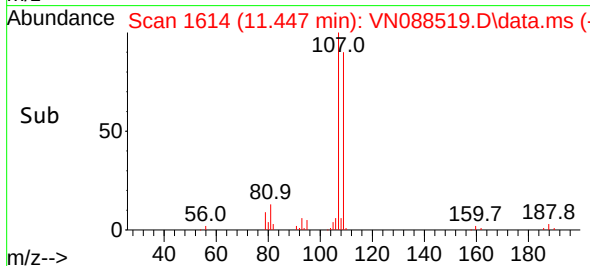
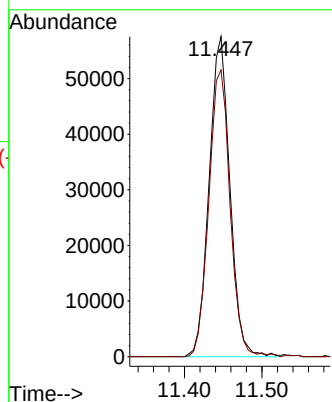
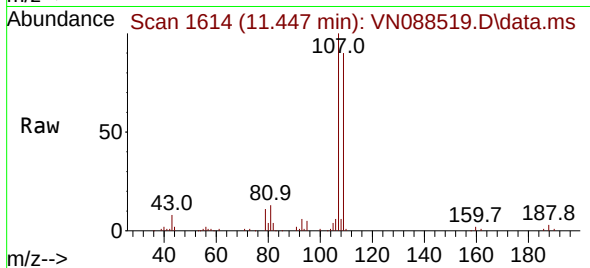




#61
1,2-Dibromoethane
Concen: 17.759 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

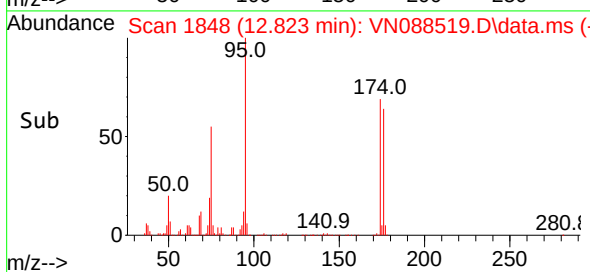
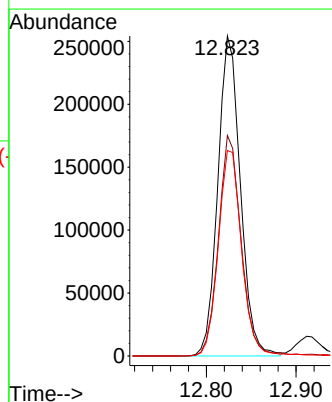
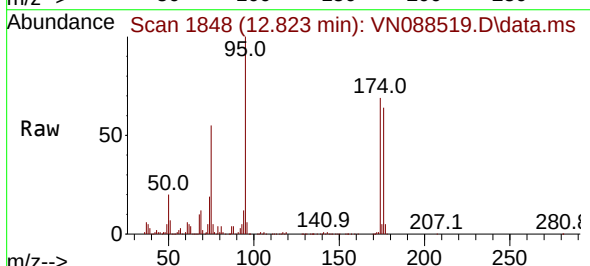
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

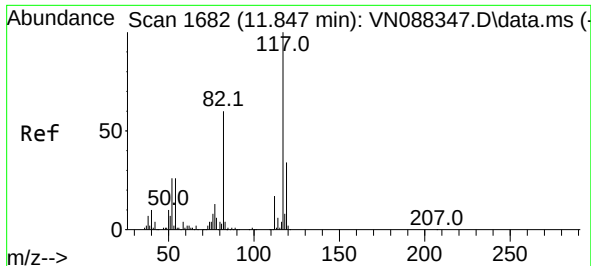
Tgt Ion:107 Resp: 107227
Ion Ratio Lower Upper
107 100
109 91.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 58.997 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 95 Resp: 443806
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.0
176 66.7 0.0 132.4

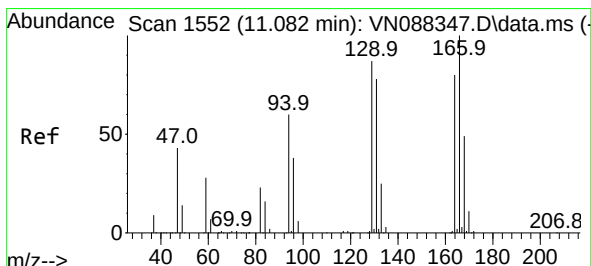
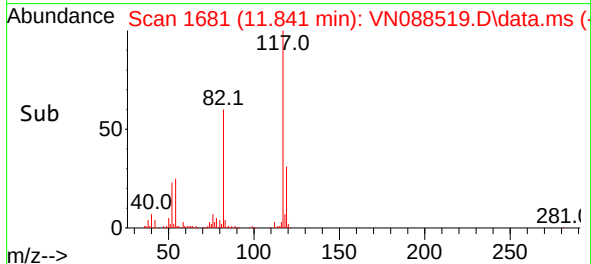
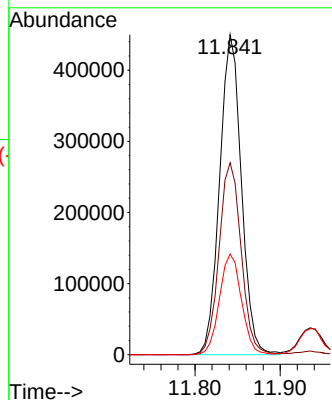
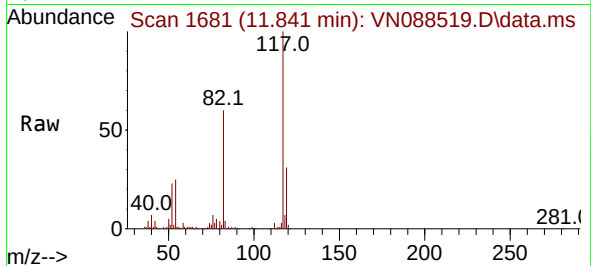




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

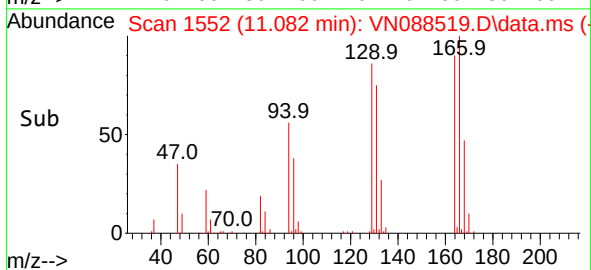
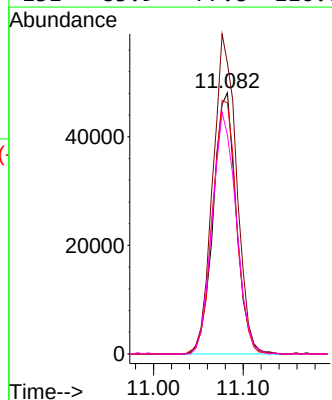
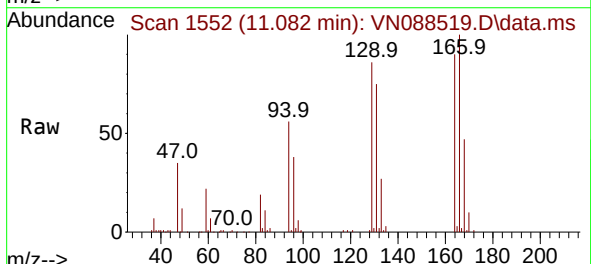
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

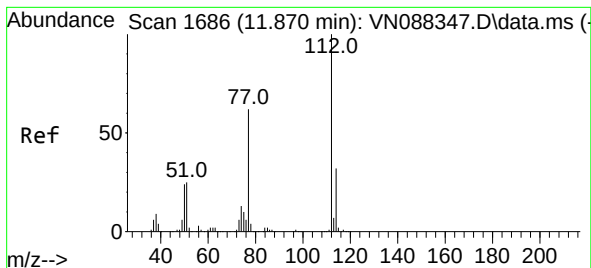
Tgt Ion:117 Resp: 797673
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.5 26.9 40.3



#64
Tetrachloroethene
Concen: 13.528 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion:164 Resp: 85548
Ion Ratio Lower Upper
164 100
166 111.4 99.6 149.4
129 96.1 86.6 129.8
131 83.9 77.8 116.6





#65

Chlorobenzene

Concen: 16.318 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

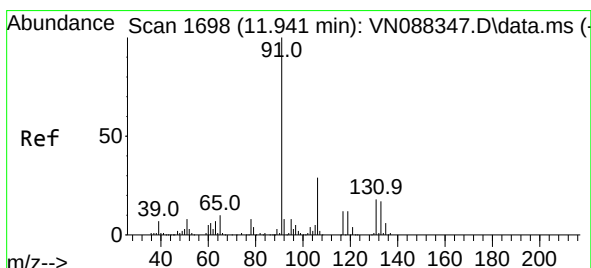
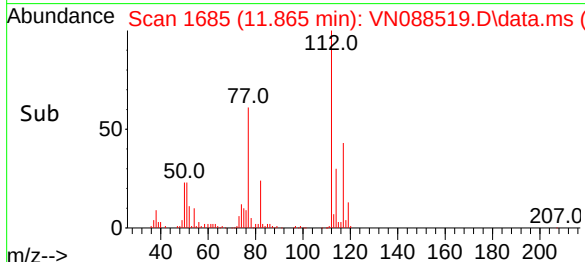
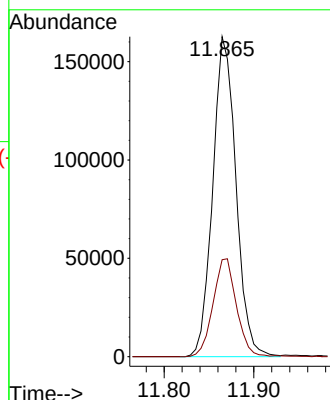
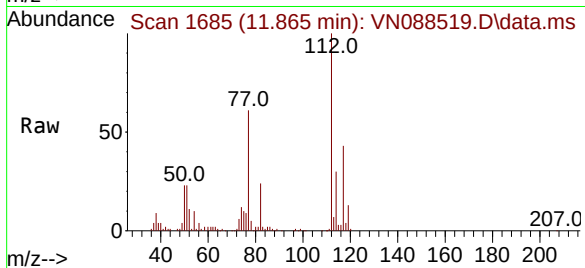
VN1216WBS01

Tgt Ion:112 Resp: 292382

Ion Ratio Lower Upper

112 100

114 30.3 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 17.074 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

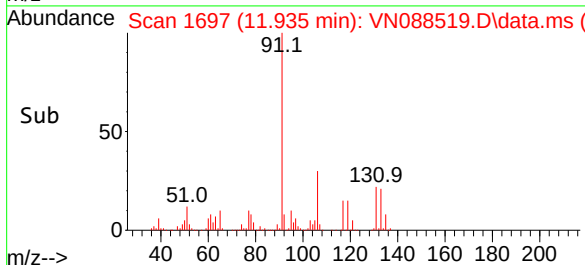
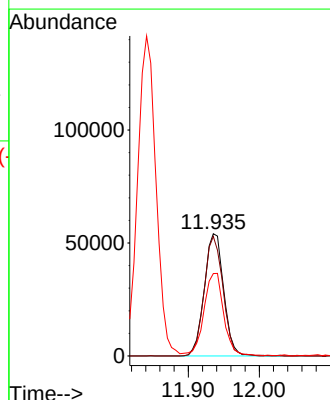
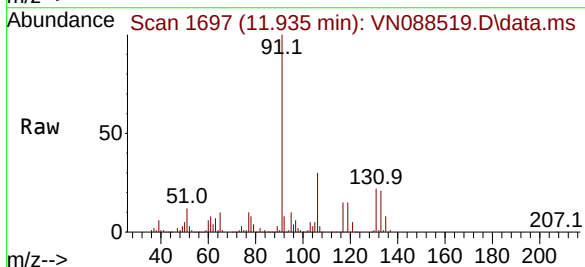
Tgt Ion:131 Resp: 103176

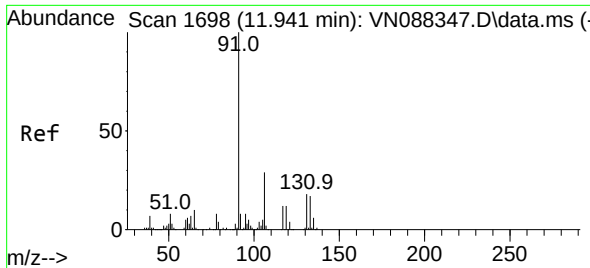
Ion Ratio Lower Upper

131 100

133 94.8 47.4 142.2

119 67.9 33.4 100.1

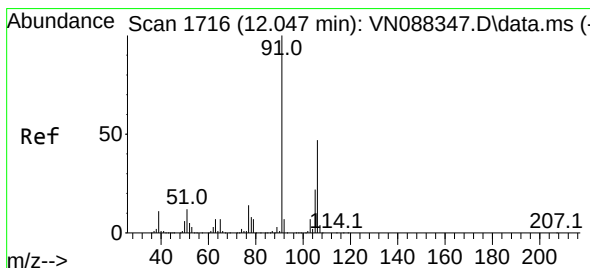
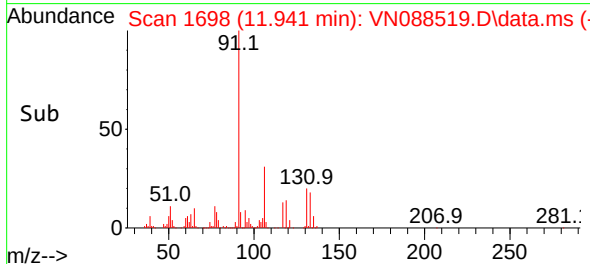
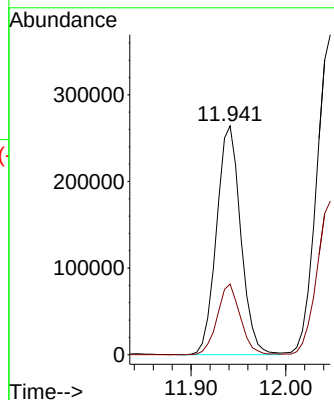
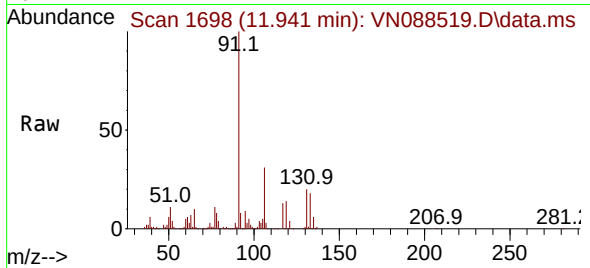




#67
Ethyl Benzene
Concen: 14.990 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

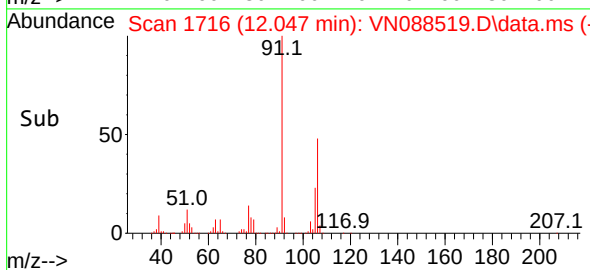
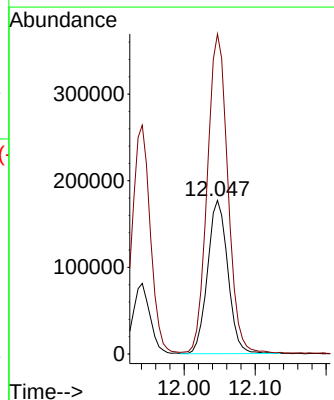
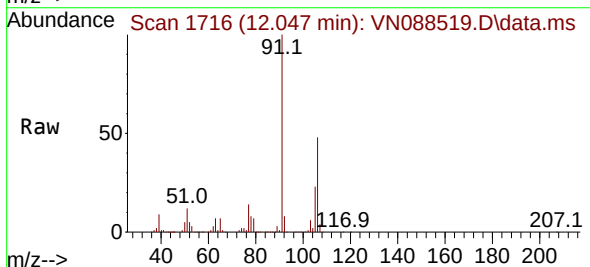
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

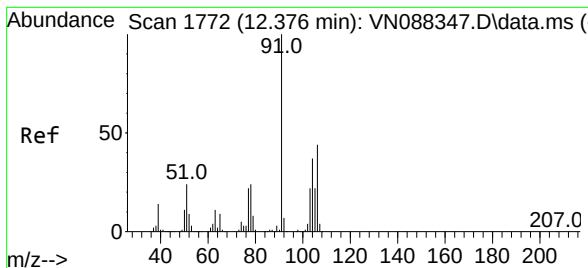
Tgt Ion: 91 Resp: 469435
Ion Ratio Lower Upper
91 100
106 30.8 23.6 35.4



#68
m/p-Xylenes
Concen: 30.202 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 106 Resp: 350668
Ion Ratio Lower Upper
106 100
91 211.3 167.8 251.6

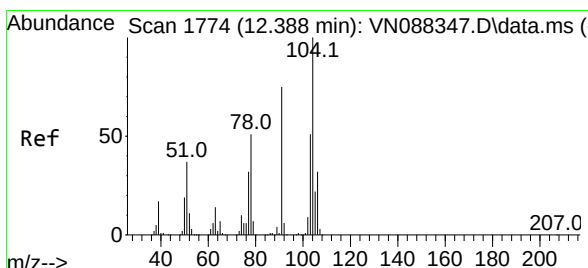
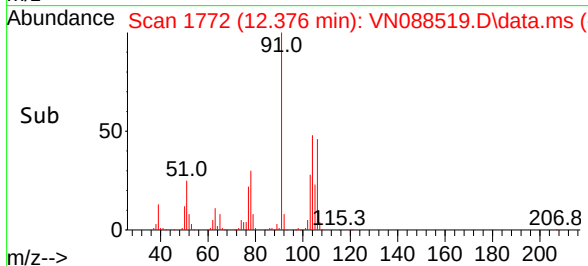
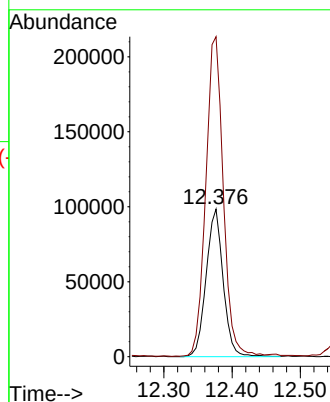
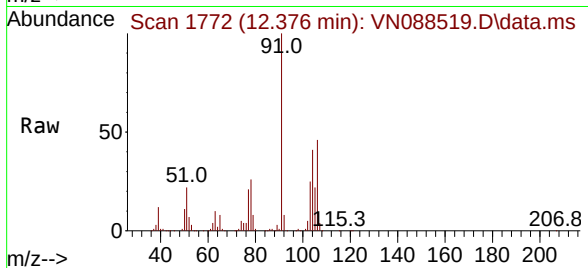




#69
o-Xylene
Concen: 15.452 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

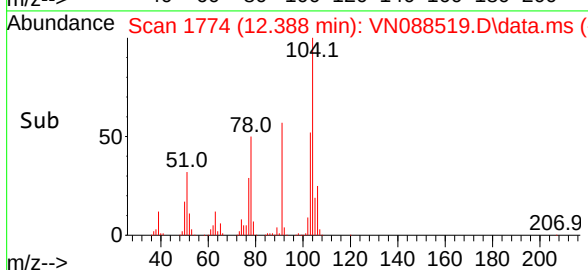
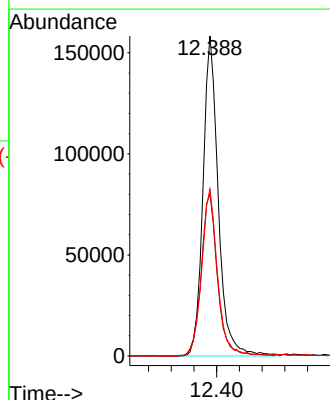
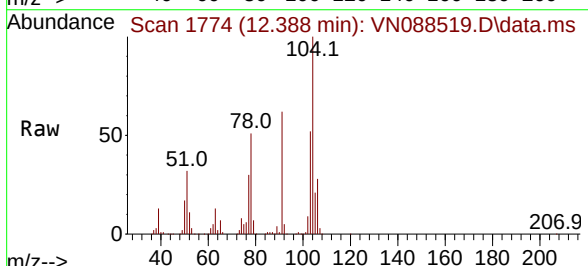
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

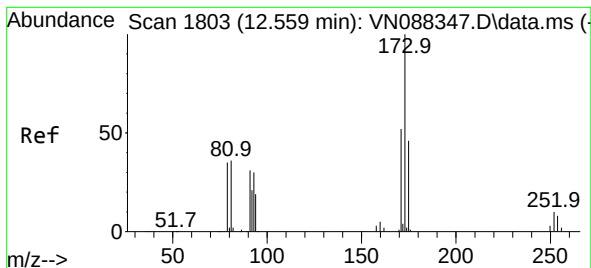
Tgt Ion:106 Resp: 171047
Ion Ratio Lower Upper
106 100
91 222.3 112.9 338.7



#70
Styrene
Concen: 16.460 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion:104 Resp: 295836
Ion Ratio Lower Upper
104 100
78 53.9 44.3 66.5
103 54.1 44.2 66.4





#71

Bromoform

Concen: 17.755 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

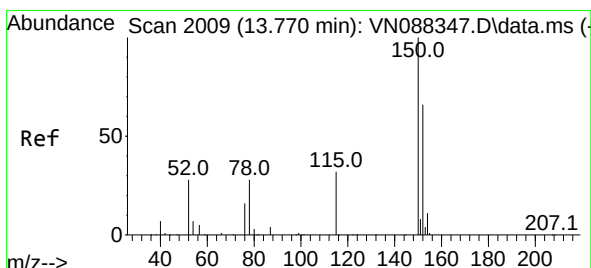
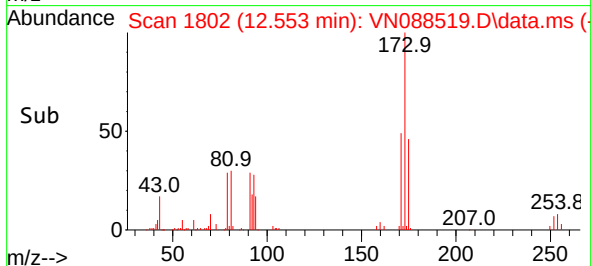
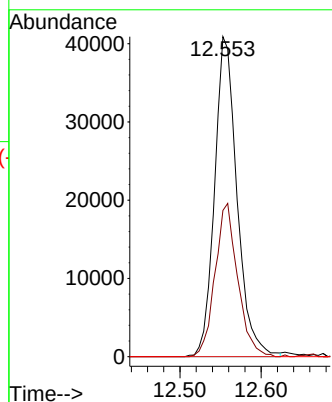
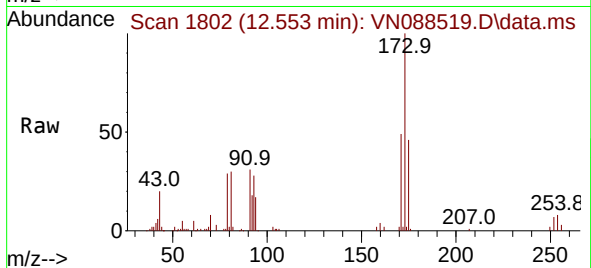
Tgt Ion:173 Resp: 78586

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.765 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

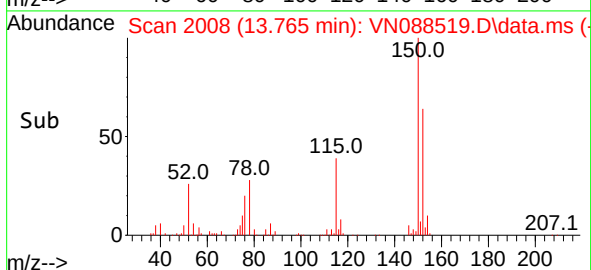
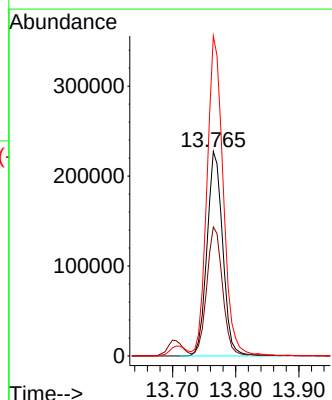
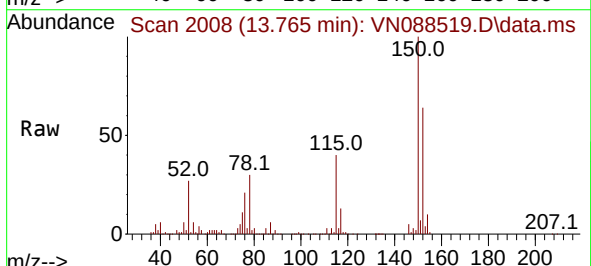
Tgt Ion:152 Resp: 393597

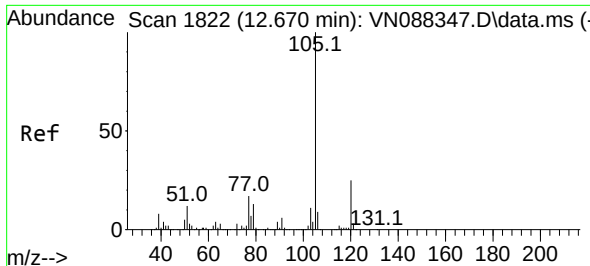
Ion Ratio Lower Upper

152 100

115 62.9 33.0 98.9

150 160.8 0.0 349.0

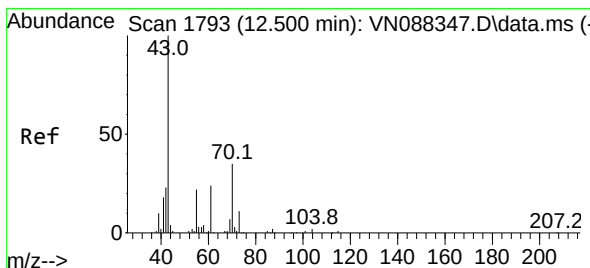
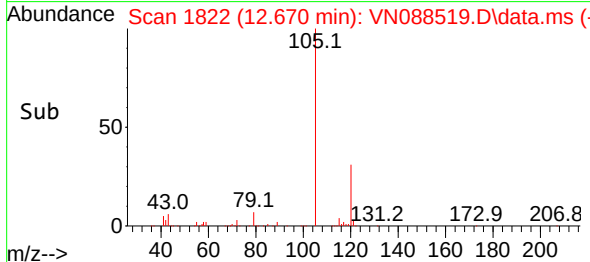
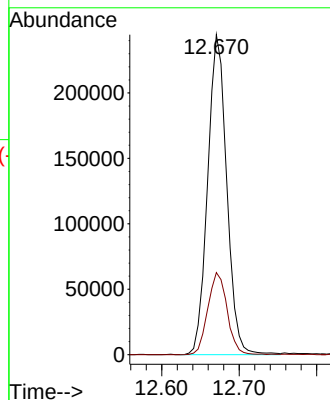
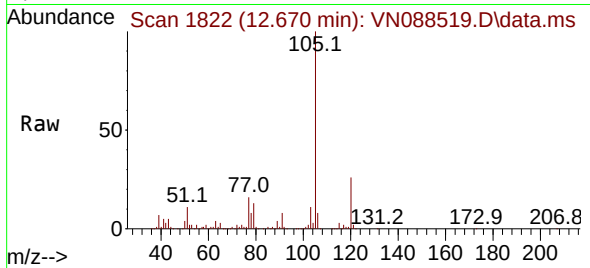




#73
Isopropylbenzene
Concen: 14.385 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

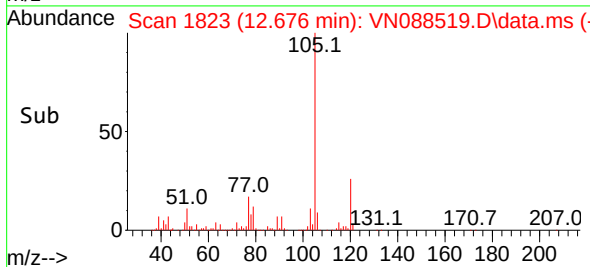
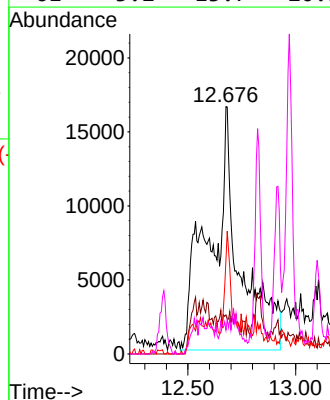
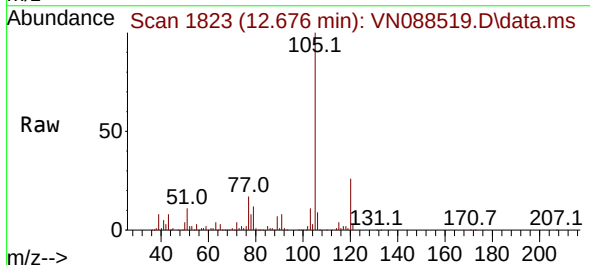
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

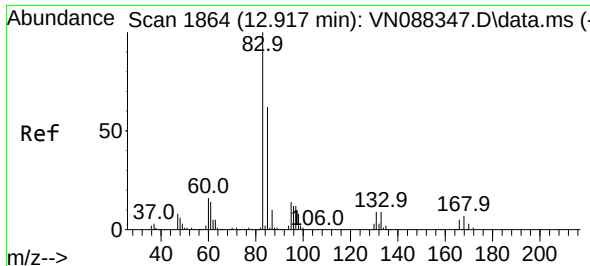
Tgt Ion:105 Resp: 418618
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3



#74
N-ethyl acetate
Concen: 15.781 ug/l m
RT: 12.676 min Scan# 1823
Delta R.T. 0.177 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 43 Resp: 156404
Ion Ratio Lower Upper
43 100
70 5.5 28.3 42.5#
55 2.7 17.7 26.5#
61 3.2 13.7 20.5#

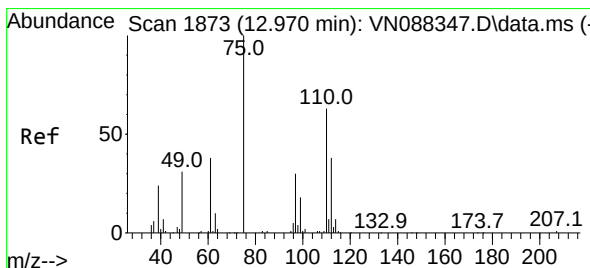
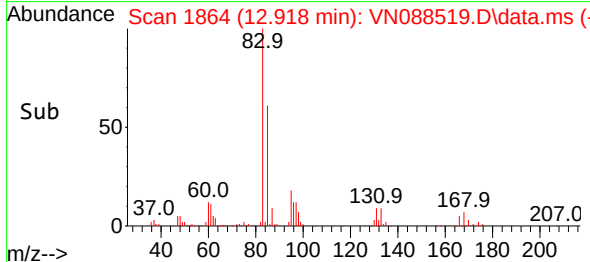
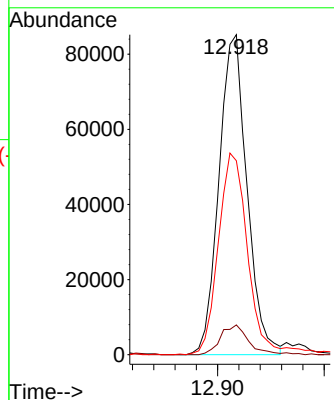
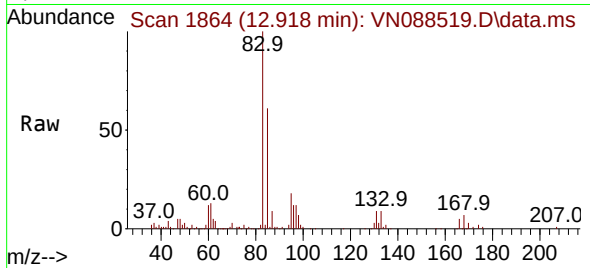




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.547 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

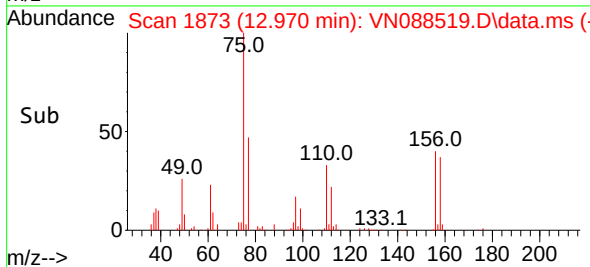
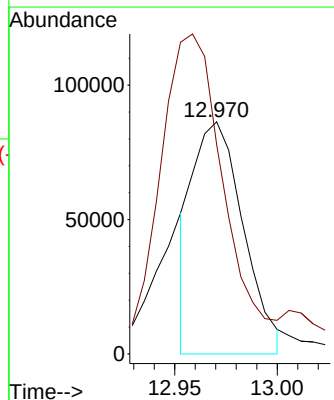
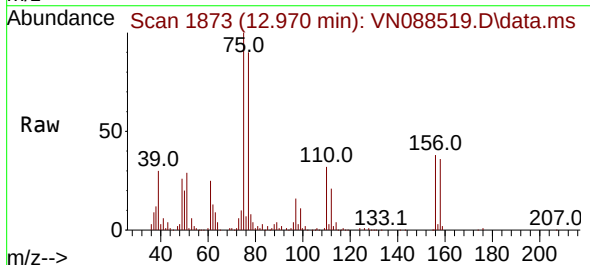
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

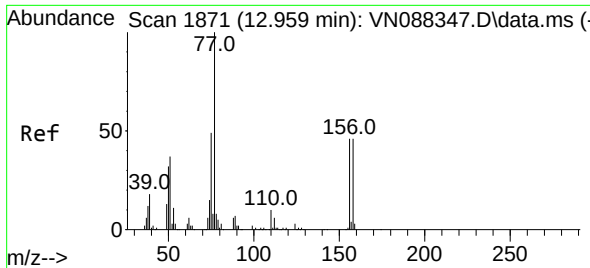
Tgt Ion: 83 Resp: 155676
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 67.3 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 16.039 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

Tgt Ion: 75 Resp: 147862
 Ion Ratio Lower Upper
 75 100
 77 176.4 87.2 261.6

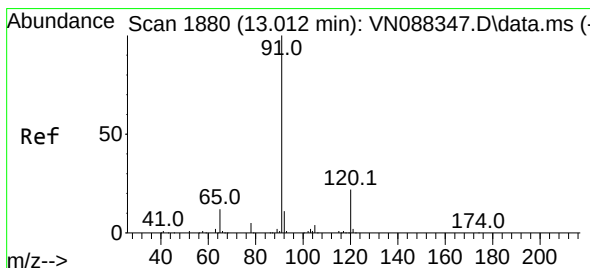
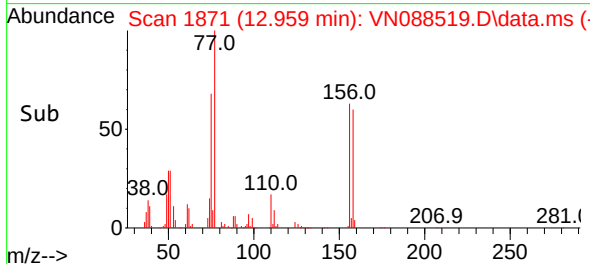
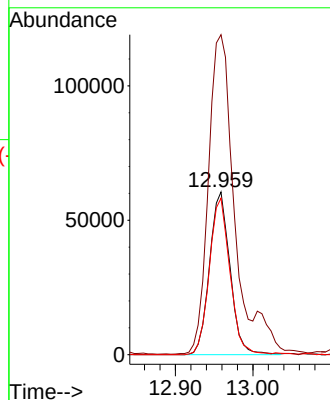
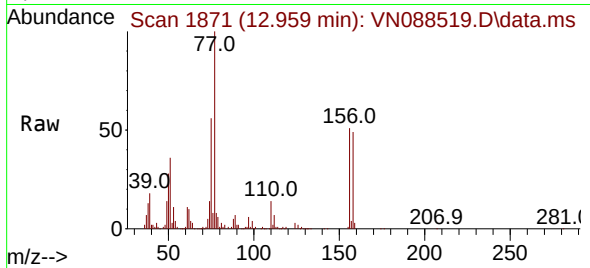




#77
Bromobenzene
Concen: 16.743 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

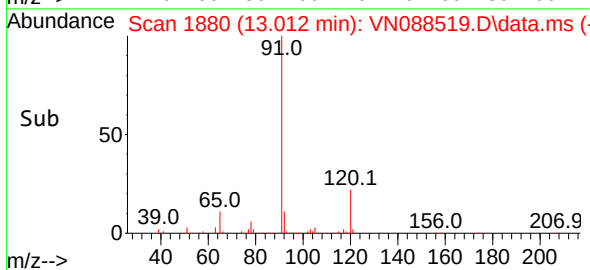
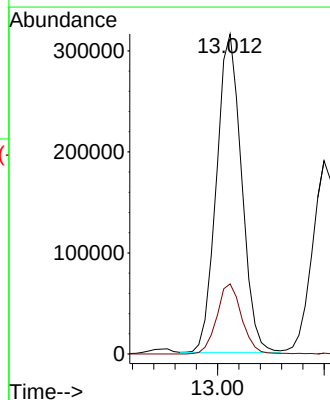
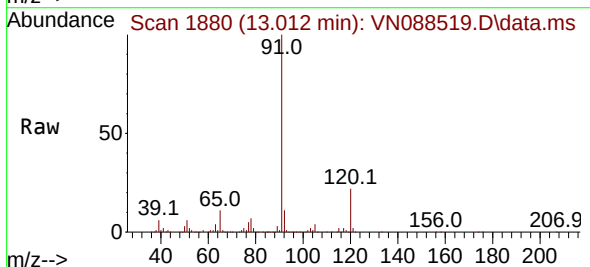
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

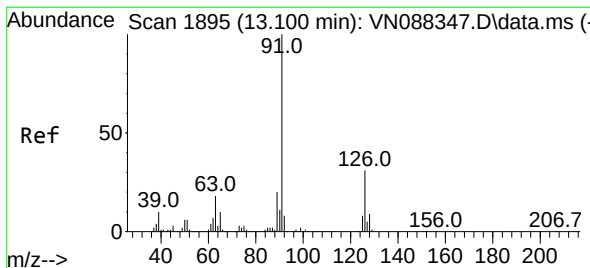
Tgt Ion:156 Resp: 111488
Ion Ratio Lower Upper
156 100
77 233.9 121.6 364.7
158 96.7 48.6 145.8



#78
n-propylbenzene
Concen: 14.453 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 91 Resp: 514564
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6





#79

2-Chlorotoluene

Concen: 14.754 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

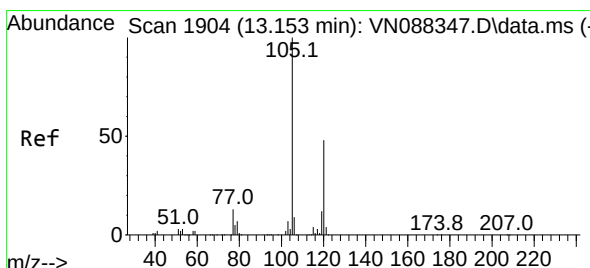
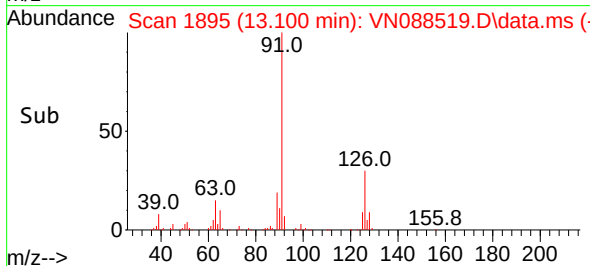
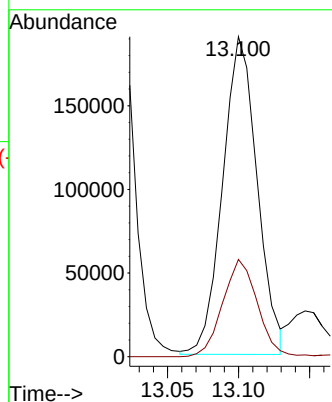
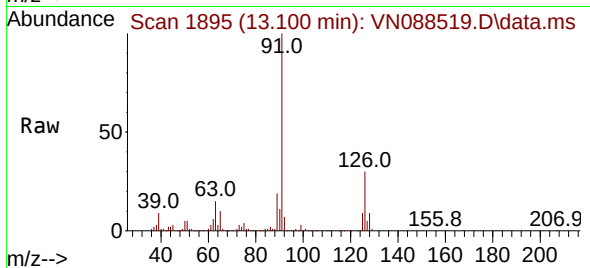
VN1216WBS01

Tgt Ion: 91 Resp: 320781

Ion Ratio Lower Upper

91 100

126 30.9 15.3 45.9



#80

1,3,5-Trimethylbenzene

Concen: 14.778 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN088519.D

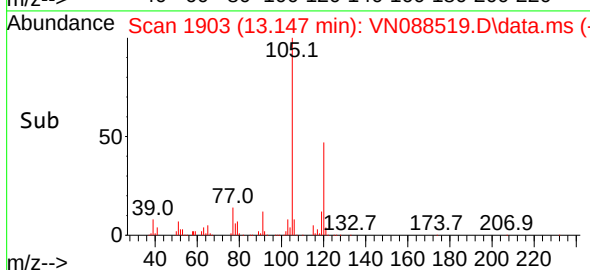
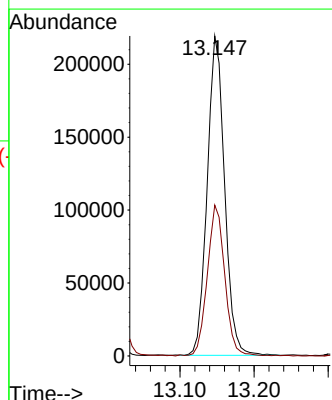
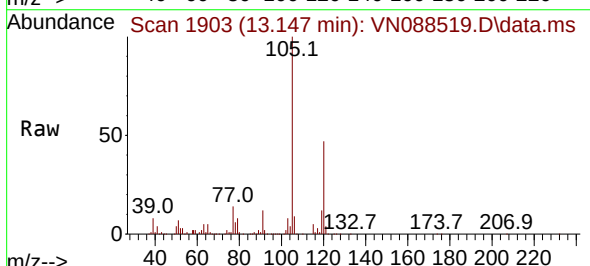
Acq: 16 Dec 2025 11:47

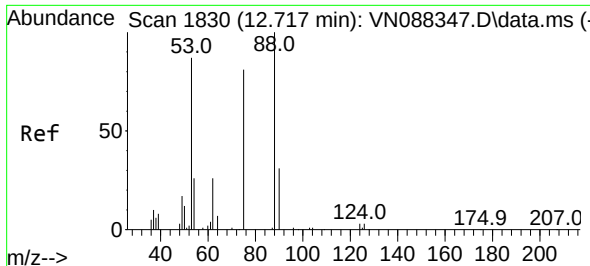
Tgt Ion:105 Resp: 356378

Ion Ratio Lower Upper

105 100

120 47.8 23.8 71.5

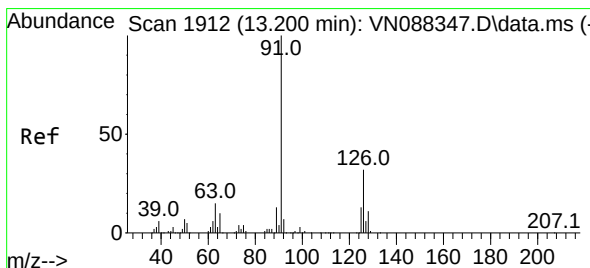
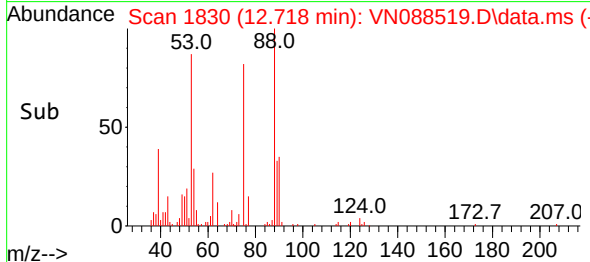
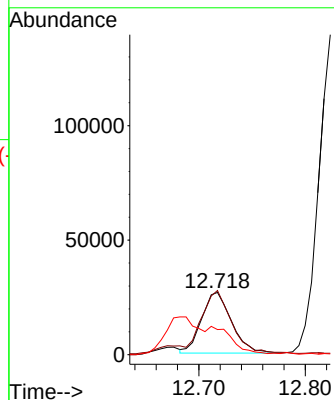
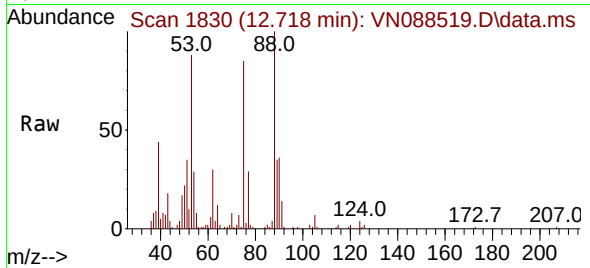




#81
trans-1,4-Dichloro-2-butene
Concen: 15.899 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

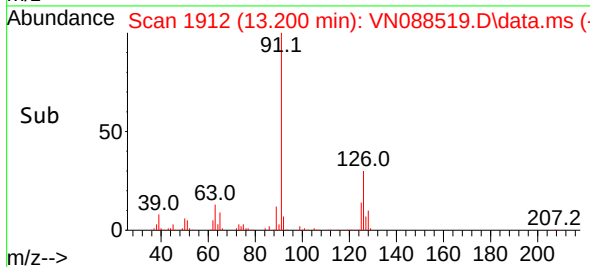
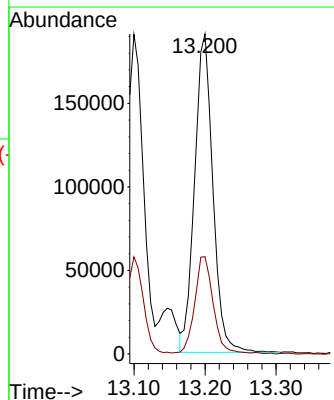
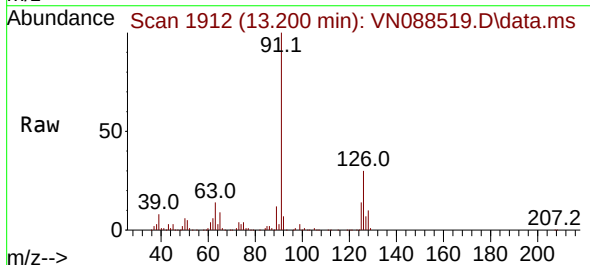
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

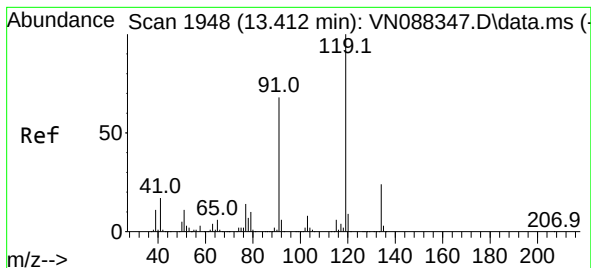
Tgt Ion: 75 Resp: 51664
Ion Ratio Lower Upper
75 100
53 120.2 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 15.814 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion: 91 Resp: 341501
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





#83

tert-Butylbenzene

Concen: 13.779 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

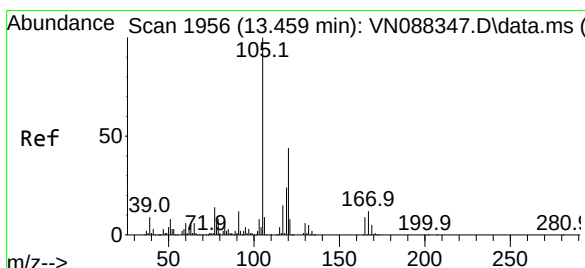
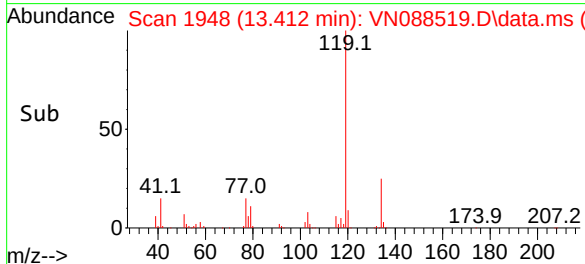
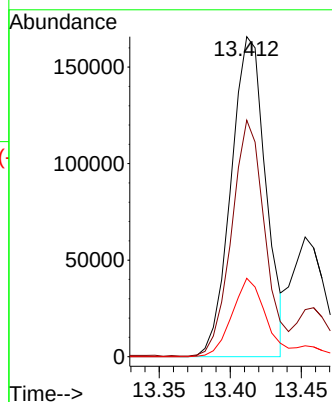
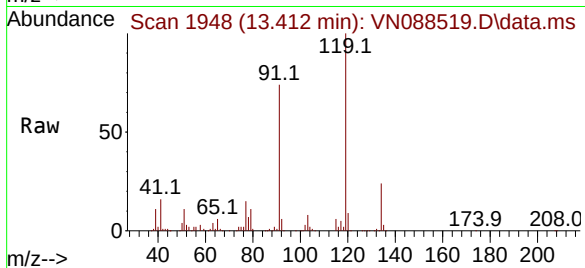
Tgt Ion:119 Resp: 282473

Ion Ratio Lower Upper

119 100

91 70.7 35.1 105.3

134 24.1 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 15.609 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088519.D

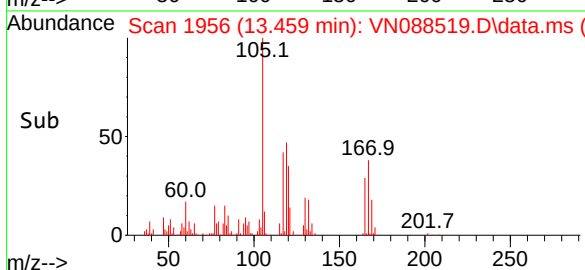
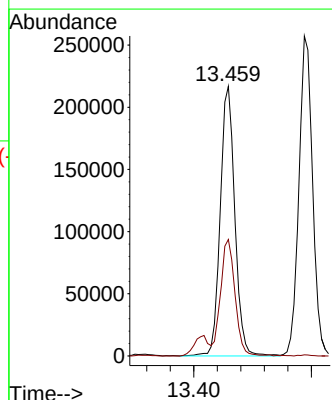
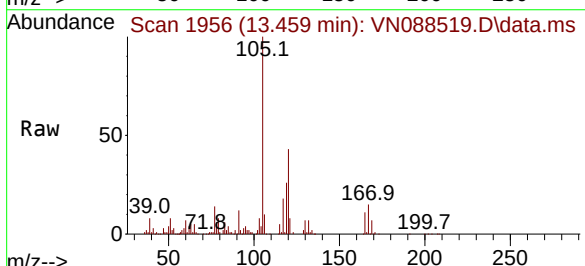
Acq: 16 Dec 2025 11:47

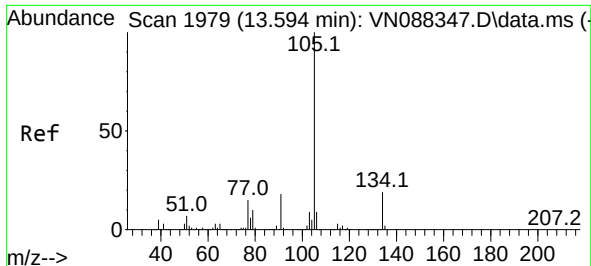
Tgt Ion:105 Resp: 374137

Ion Ratio Lower Upper

105 100

120 42.6 22.1 66.1

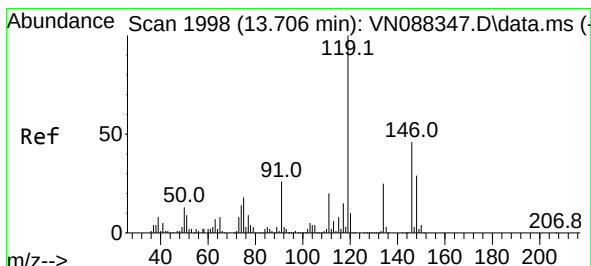
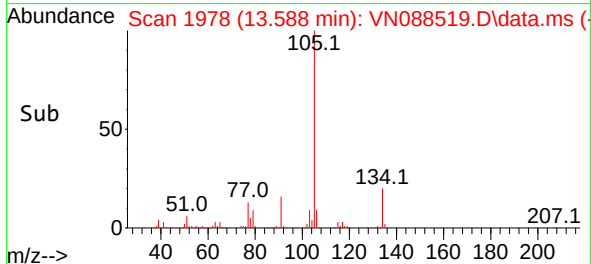
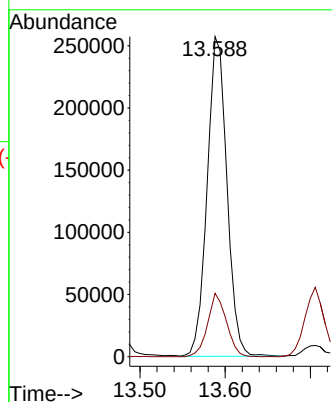
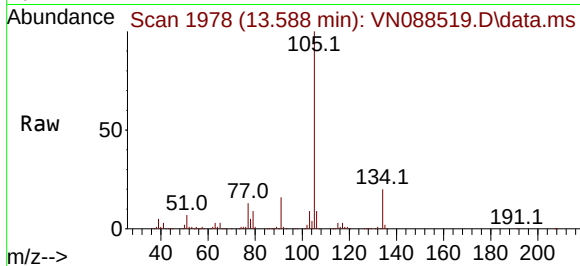




#85
 sec-Butylbenzene
 Concen: 14.050 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

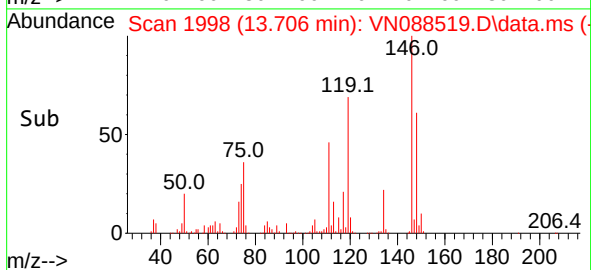
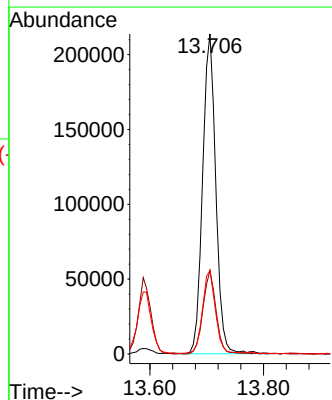
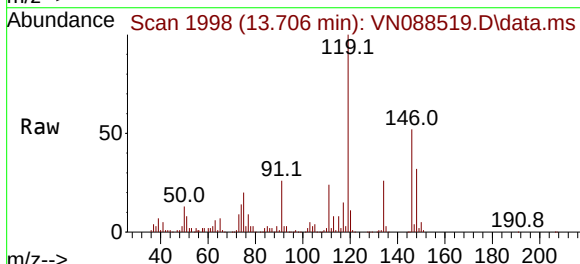
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

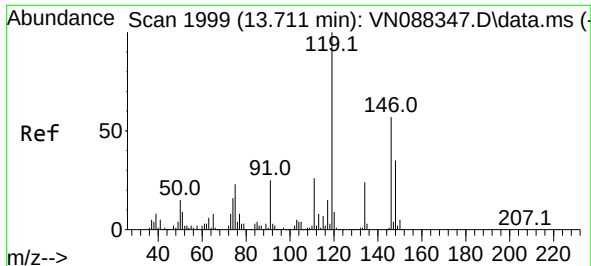
Tgt Ion:105 Resp: 413782
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 14.240 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

Tgt Ion:119 Resp: 343889
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.2 36.6
 91 25.3 13.0 39.0

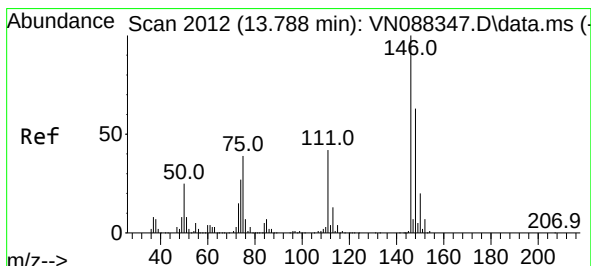
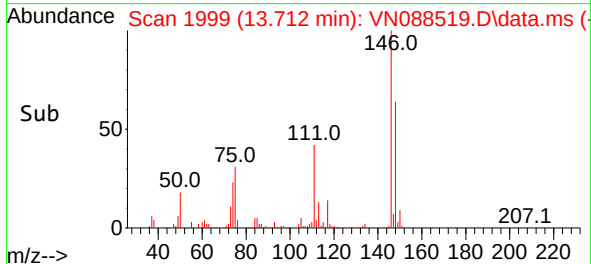
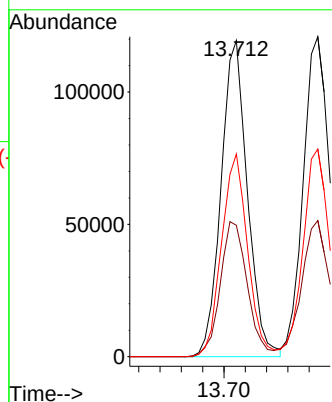
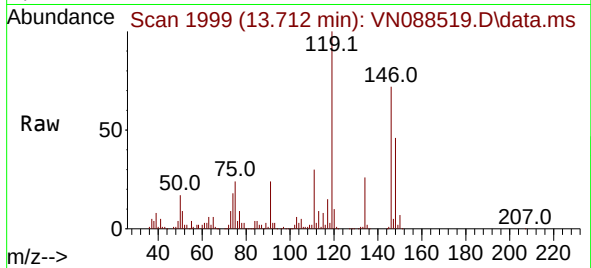




#87
 1,3-Dichlorobenzene
 Concen: 15.820 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

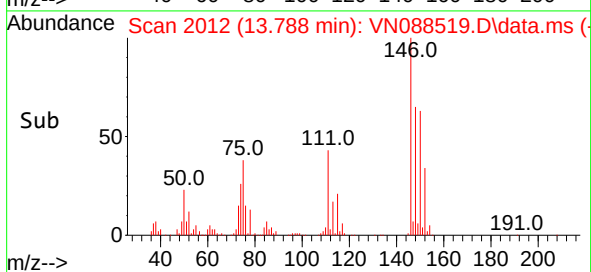
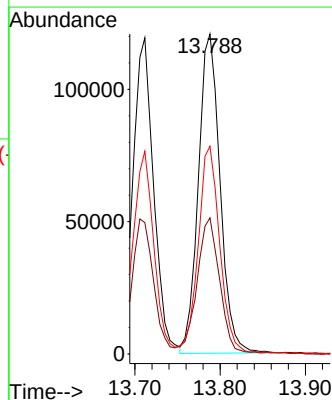
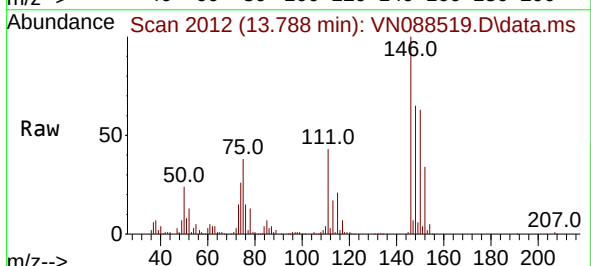
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

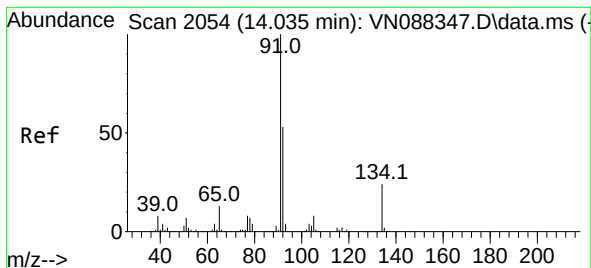
Tgt Ion:146 Resp: 205059
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.4 67.0
 148 63.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 15.715 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

Tgt Ion:146 Resp: 213378
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.6
 148 64.7 31.0 93.0





#89

n-Butylbenzene

Concen: 13.694 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

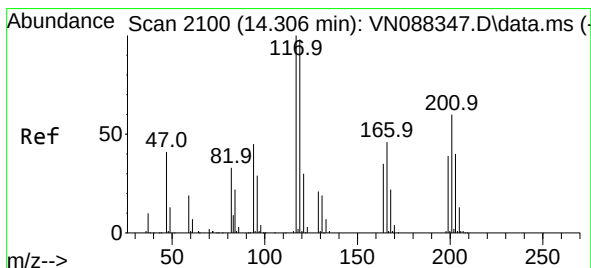
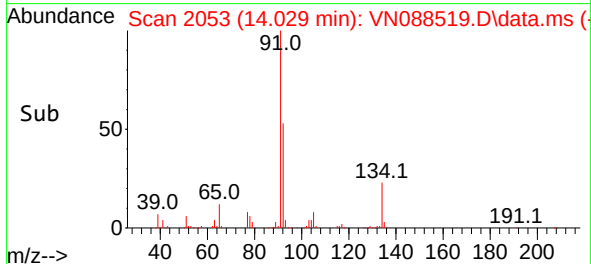
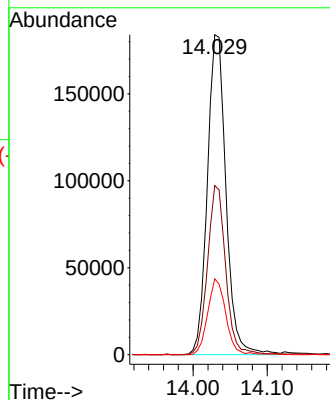
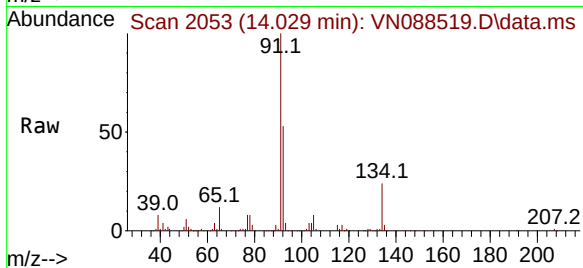
Tgt Ion: 91 Resp: 321092

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.3

134 23.1 11.7 35.1



#90

Hexachloroethane

Concen: 14.713 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN088519.D

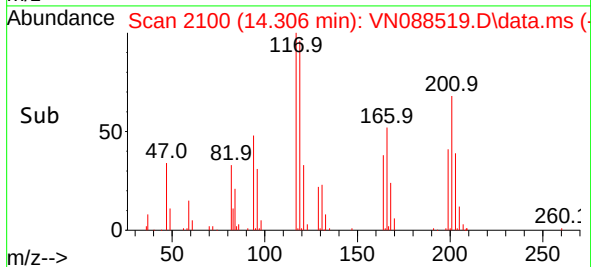
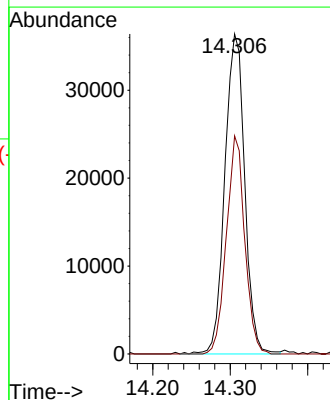
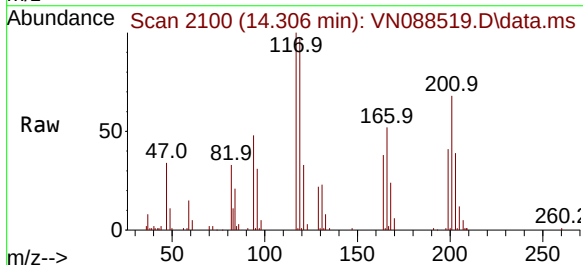
Acq: 16 Dec 2025 11:47

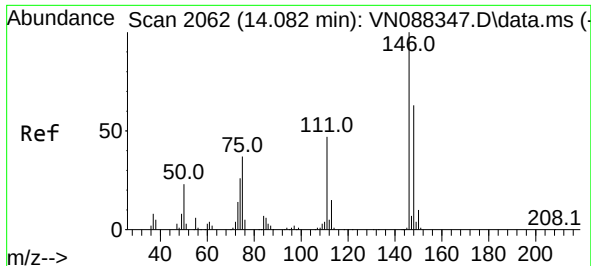
Tgt Ion: 117 Resp: 64907

Ion Ratio Lower Upper

117 100

201 63.0 30.3 90.9

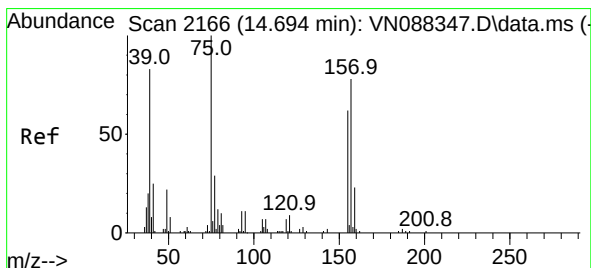
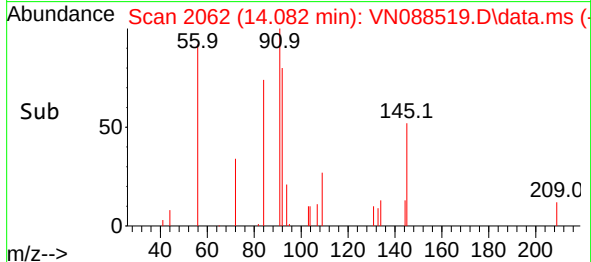
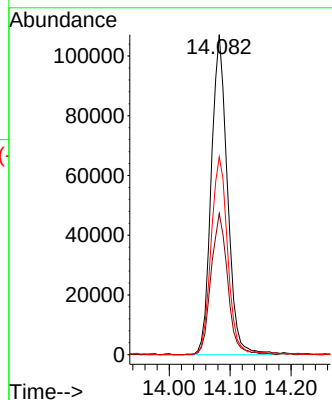
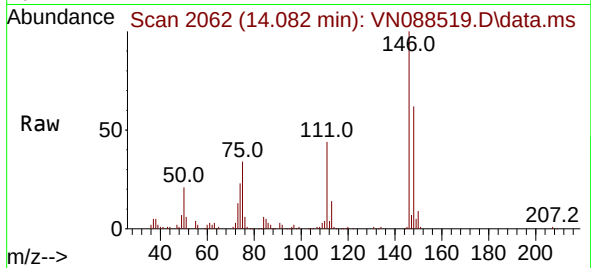




#91
 1,2-Dichlorobenzene
 Concen: 16.203 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

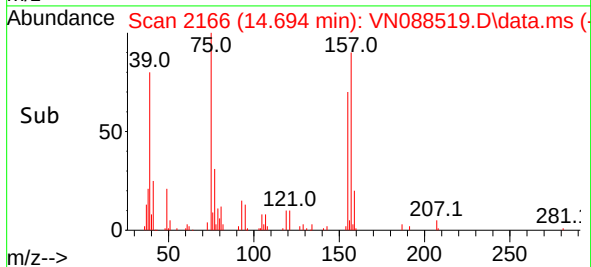
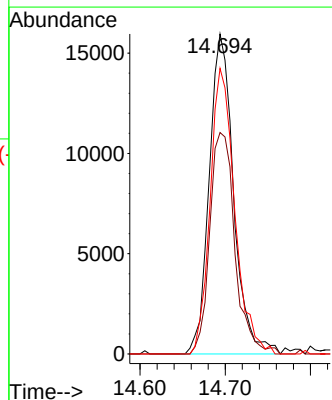
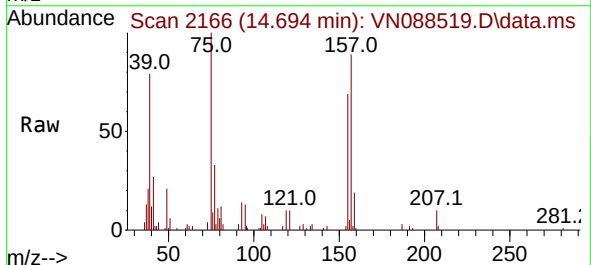
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

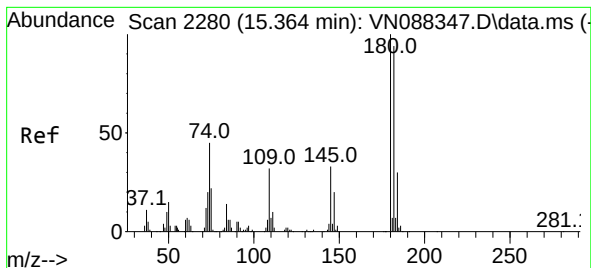
Tgt Ion:146 Resp: 197637
 Ion Ratio Lower Upper
 146 100
 111 45.1 23.3 69.9
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.939 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN088519.D
 Acq: 16 Dec 2025 11:47

Tgt Ion: 75 Resp: 31819
 Ion Ratio Lower Upper
 75 100
 155 71.2 33.7 101.1
 157 89.7 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 14.798 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

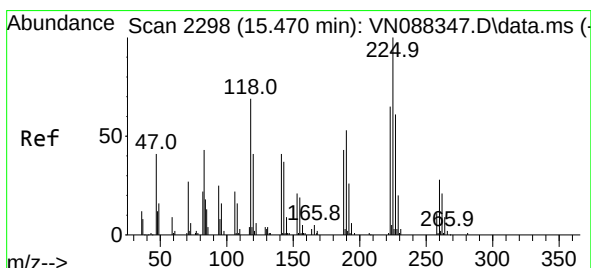
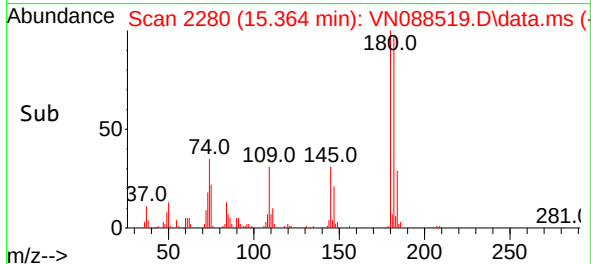
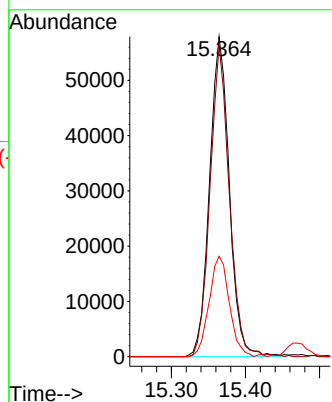
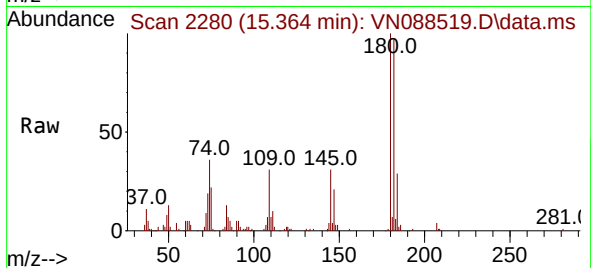
Tgt Ion:180 Resp: 107246

Ion Ratio Lower Upper

180 100

182 94.9 46.1 138.2

145 32.0 16.7 50.1



#94

Hexachlorobutadiene

Concen: 15.542 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088519.D

Acq: 16 Dec 2025 11:47

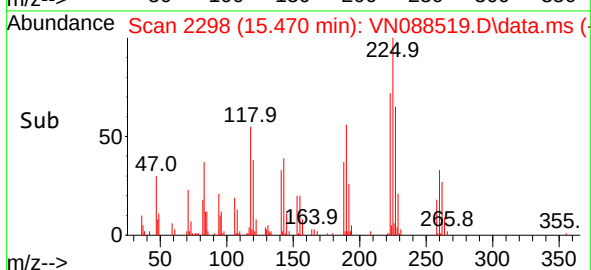
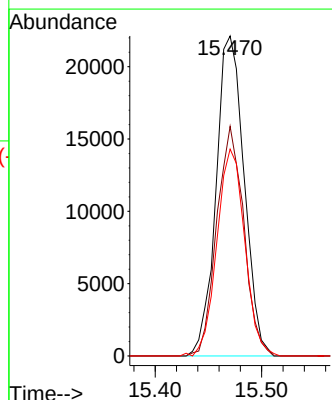
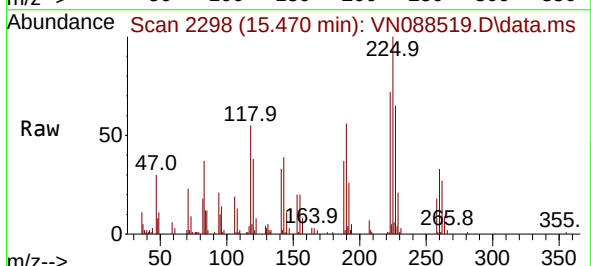
Tgt Ion:225 Resp: 40476

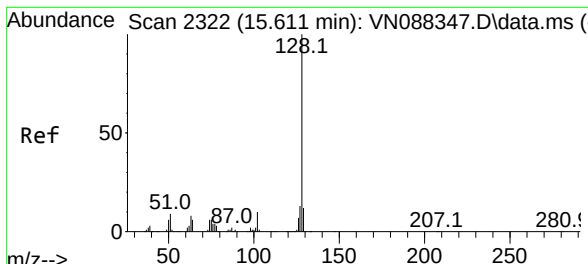
Ion Ratio Lower Upper

225 100

223 68.9 32.3 96.8

227 64.0 29.9 89.8

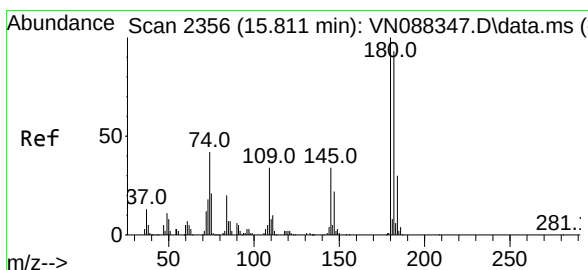
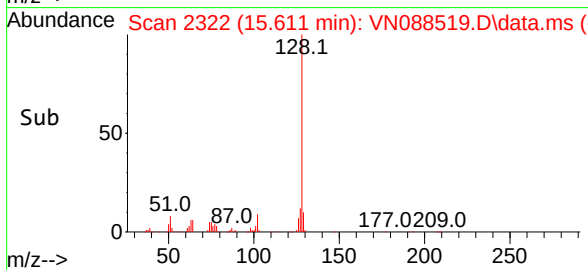
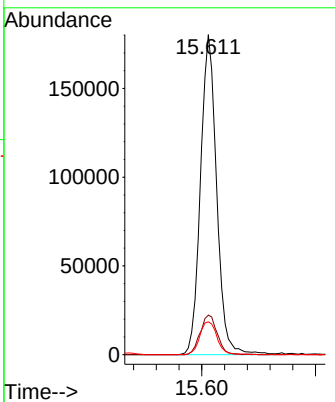
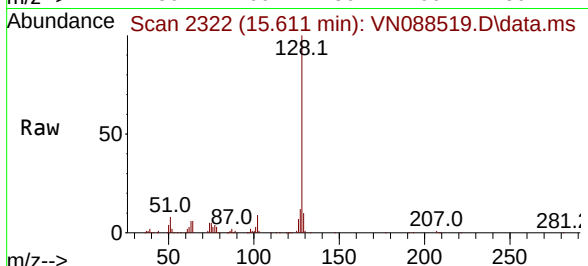




#95
Naphthalene
Concen: 14.136 ug/l
RT: 15.611 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:	128	Resp:	355013
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 15.238 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088519.D
Acq: 16 Dec 2025 11:47

Tgt Ion:	180	Resp:	107476
Ion Ratio	Lower	Upper	
180	100		
182	92.1	45.9	137.7
145	33.3	17.8	53.4

