

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088397.D
 Acq On : 02 Dec 2025 10:20
 Operator : JC\MD
 Sample : VN1202WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 01:24:12 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	8.206	168	181798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	401801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	185686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209307	61.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.240%	
35) Dibromofluoromethane	8.141	113	150997	52.423	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.840%	
50) Toluene-d8	10.541	98	537087	50.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.823	95	190598	51.832	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.660%	

Target Compounds				Qvalue		
3) Chloromethane	2.395	50	1172	0.400	ug/l	91
5) Bromomethane	3.000	94	997	0.694	ug/l #	77
10) Methyl Iodide	4.589	142	1212	0.548	ug/l #	68
11) Tert butyl alcohol	5.512	59	147	0.269	ug/l #	72
13) Acrolein	4.171	56	1018	1.945	ug/l #	76
15) Acrylonitrile	5.718	53	2017	1.279	ug/l #	70
16) Acetone	4.406	43	1188	0.959	ug/l #	48
17) Carbon Disulfide	4.712	76	5405	0.746	ug/l #	76
18) Methyl Acetate	5.012	43	2295	0.622	ug/l #	58
20) Methylene Chloride	5.259	84	601	0.227	ug/l #	65
21) trans-1,2-Dichloroethene	5.771	96	594	0.242	ug/l #	1
25) 2-Butanone	7.471	43	1007	0.506	ug/l #	49
27) cis-1,2-Dichloroethene	7.471	96	791	0.277	ug/l	21
29) Tetrahydrofuran	7.830	42	1184	0.829	ug/l #	70
31) Cyclohexane	8.206	56	6586	1.462	ug/l #	22
36) 1,1-Dichloropropene	8.200	75	18788	4.226	ug/l #	52
38) Carbon Tetrachloride	8.200	117	20520	4.637	ug/l #	16
39) Methylcyclohexane	9.582	83	1386	0.291	ug/l #	77
49) 1,4-Dioxane	9.694	88	1040	20.070	ug/l #	11
51) 4-Methyl-2-Pentanone	10.429	43	2420	0.460	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.135	63	865	0.326	ug/l #	49
64) Tetrachloroethene	11.088	164	643	0.202	ug/l #	53
68) m/p-Xylenes	12.053	106	1532	0.262	ug/l	94
76) 1,2,3-Trichloropropane	12.823	75	114652	26.362	ug/l #	1
78) n-propylbenzene	13.017	91	3965	0.236	ug/l	93
80) 1,3,5-Trimethylbenzene	13.147	105	2834	0.249	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.823	75	114652	74.788	ug/l #	1
82) 4-Chlorotoluene	13.211	91	2381	0.234	ug/l	99
83) tert-Butylbenzene	13.411	119	2508	0.259	ug/l	81
85) sec-Butylbenzene	13.588	105	4473	0.322	ug/l	83
86) p-Isopropyltoluene	13.706	119	3025	0.266	ug/l	96
87) 1,3-Dichlorobenzene	13.717	146	1450	0.237	ug/l	92
88) 1,4-Dichlorobenzene	13.717	146	1450	0.226	ug/l	90
89) n-Butylbenzene	14.029	91	5458	0.493	ug/l	86
90) Hexachloroethane	14.306	117	928	0.446	ug/l	73
91) 1,2-Dichlorobenzene	14.082	146	1410	0.245	ug/l	90

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

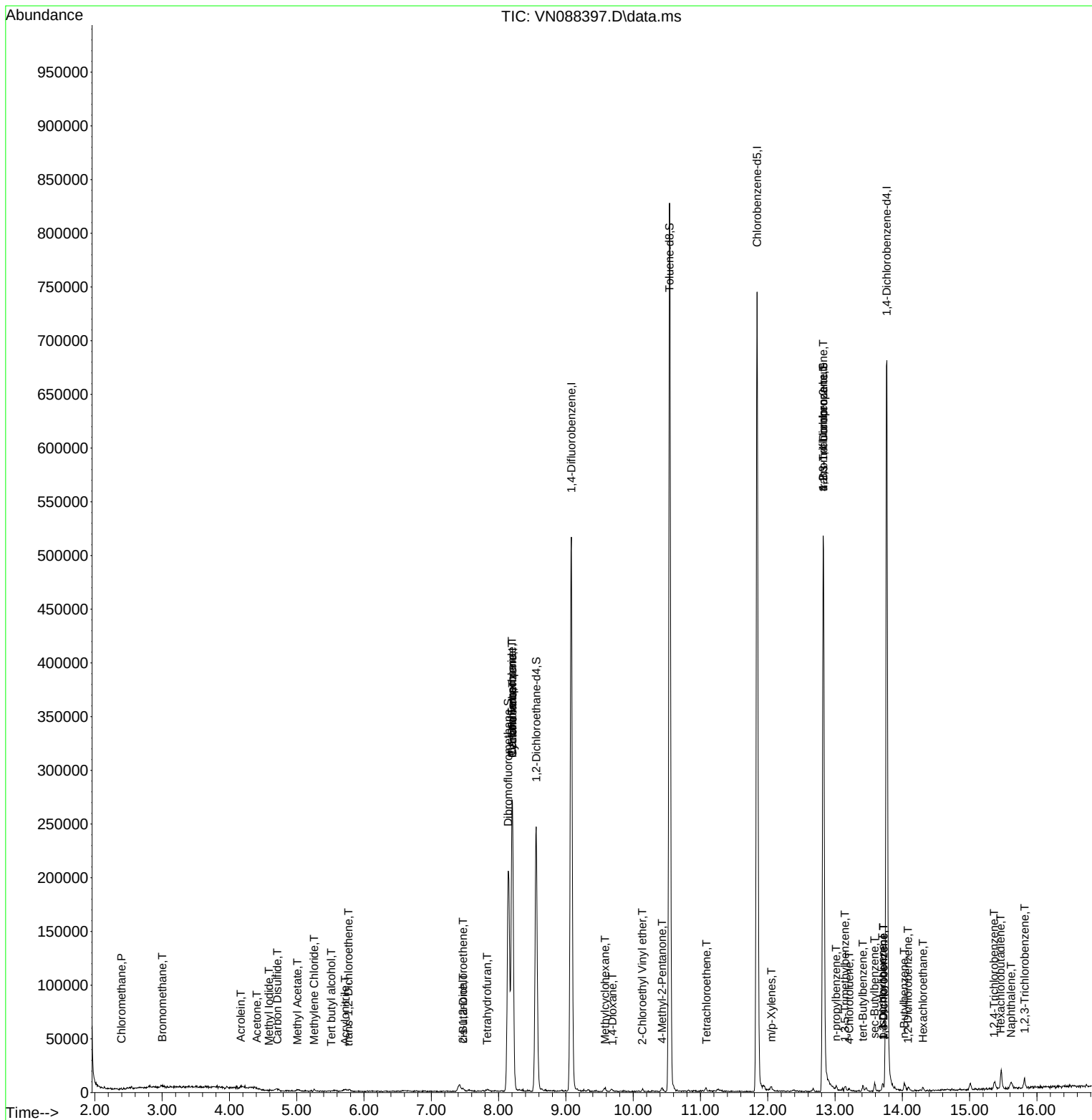
Instrument :
MSVOA_N
ClientSampleId :

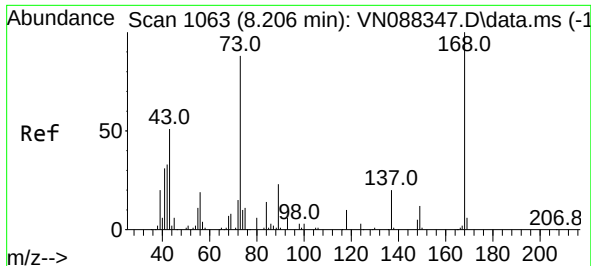
Quant Time: Dec 03 01:24:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.364	180	2766	0.809	ug/l	90
94) Hexachlorobutadiene	15.458	225	2634	2.144	ug/l	89
95) Naphthalene	15.617	128	5991	0.506	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.817	180	2398	0.721	ug/l	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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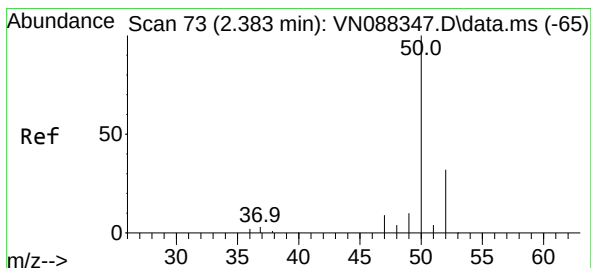
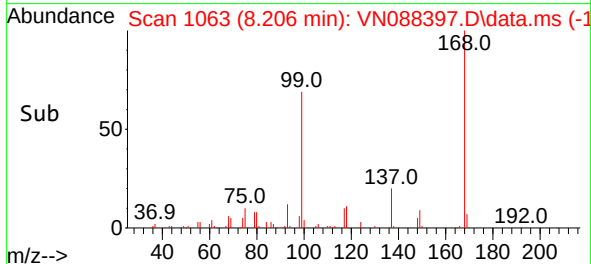
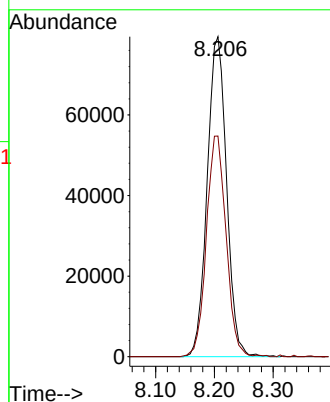
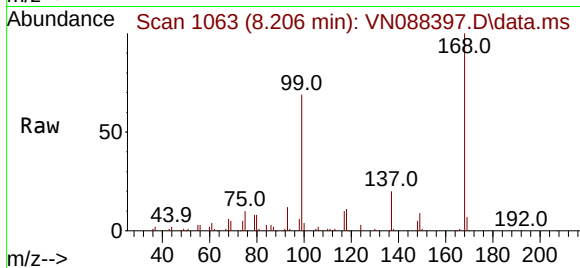




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

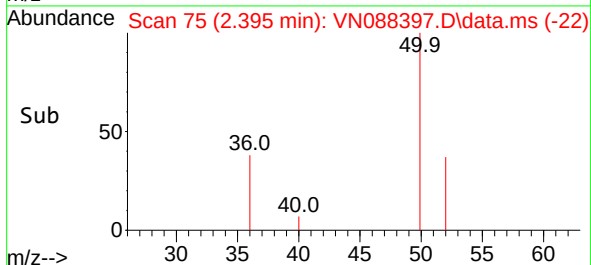
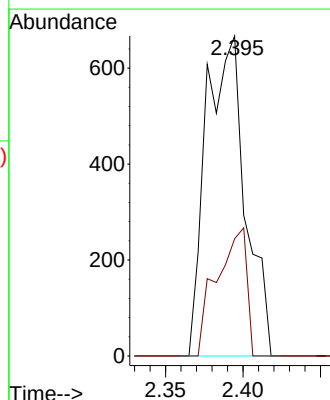
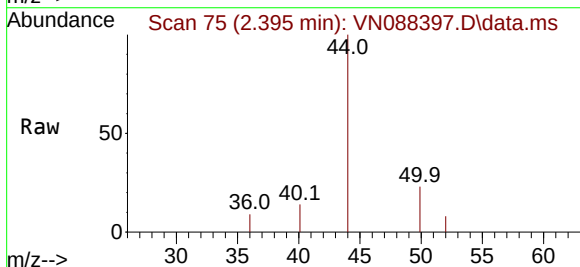
Instrument :
MSVOA_N
ClientSampleId :

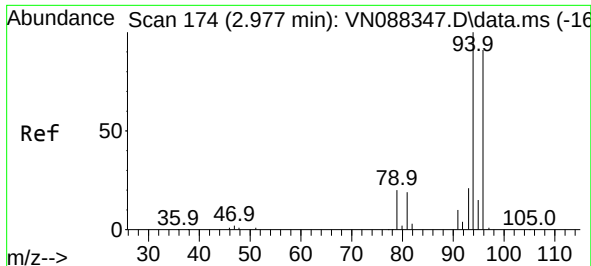
Tgt Ion:168 Resp: 181798
Ion Ratio Lower Upper
168 100
99 69.0 57.1 85.7



#3
Chloromethane
Concen: 0.400 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.012 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 36.6 25.2 37.8

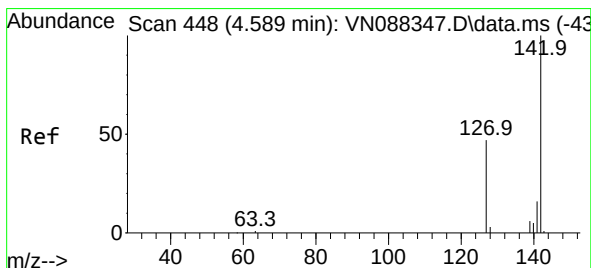
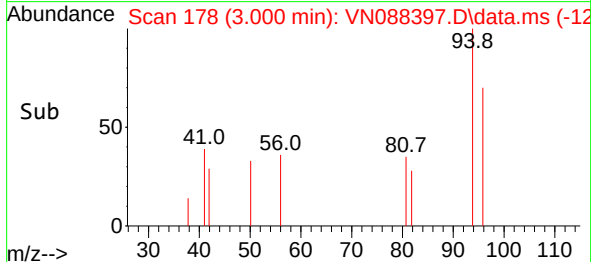
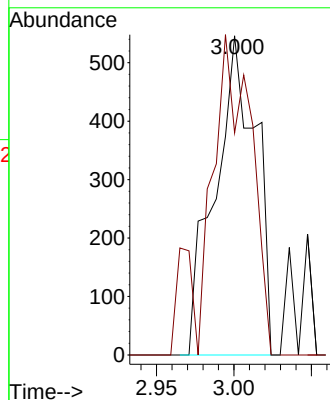
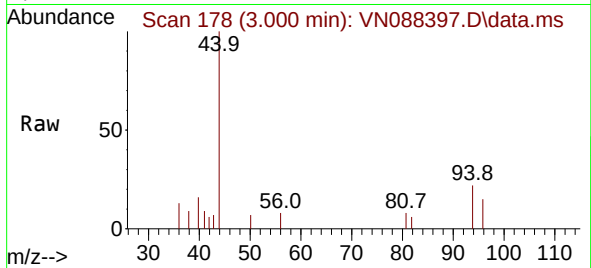




#5
Bromomethane
Concen: 0.694 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

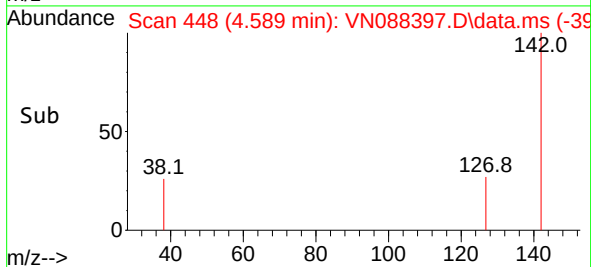
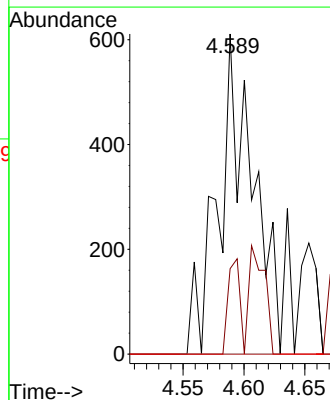
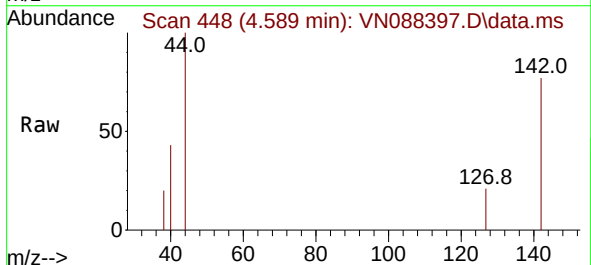
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ClientSampleId :

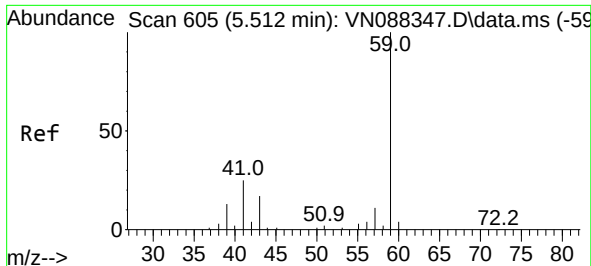
Tgt Ion: 94 Resp: 997
Ion Ratio Lower Upper
94 100
96 69.6 73.2 109.8#



#10
Methyl Iodide
Concen: 0.548 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion:142 Resp: 1212
Ion Ratio Lower Upper
142 100
127 26.7 37.9 56.9#
141 0.0 12.4 18.6#

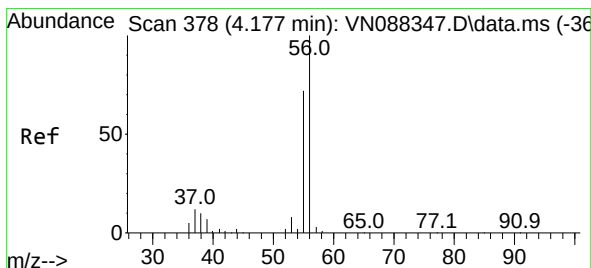
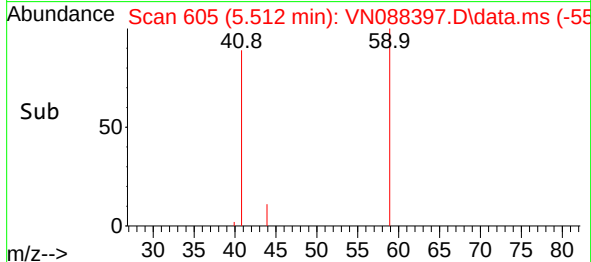
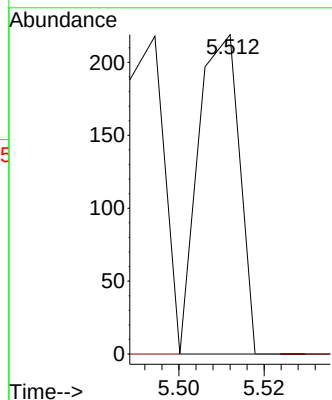
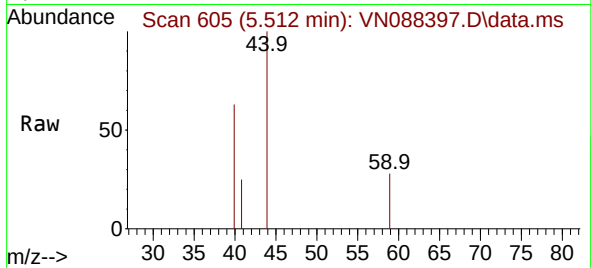




#11
Tert butyl alcohol
Concen: 0.269 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

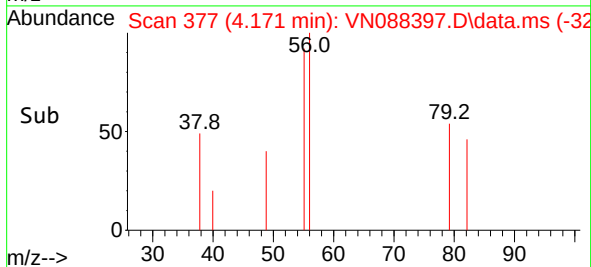
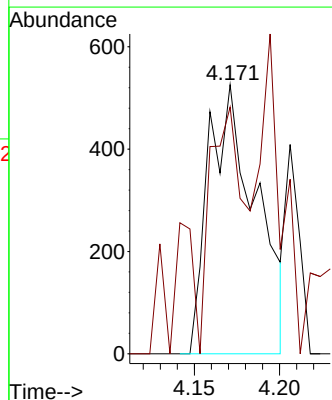
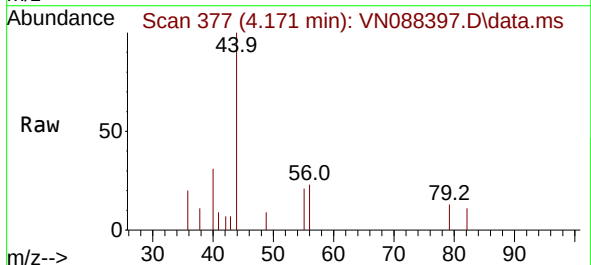
Instrument :
MSVOA_N
ClientSampleId :

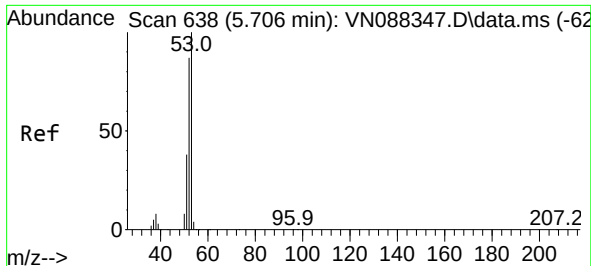
Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 1.945 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

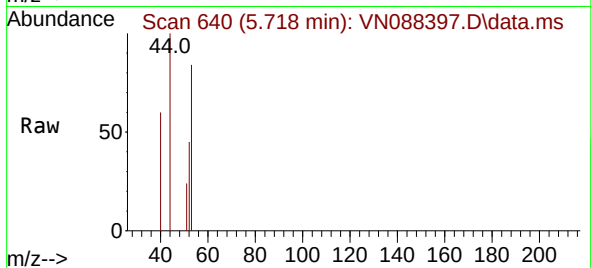
Tgt Ion: 56 Resp: 1018
Ion Ratio Lower Upper
56 100
55 89.8 56.3 84.5#



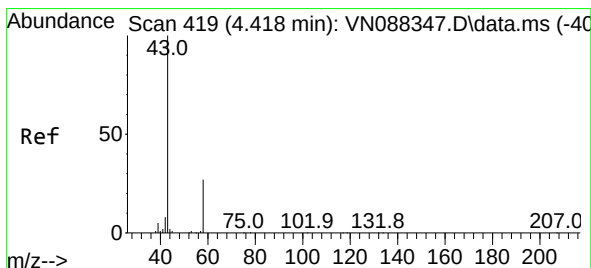
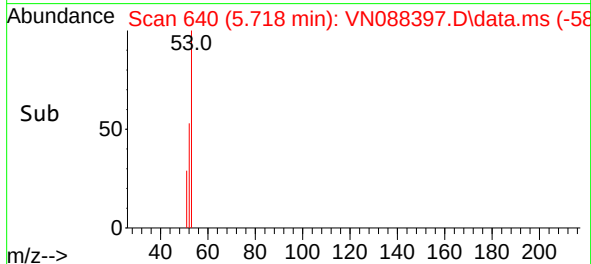
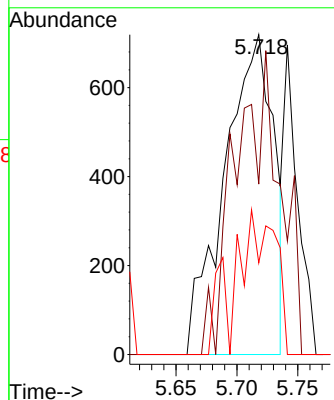


#15
Acrylonitrile
Concen: 1.279 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :

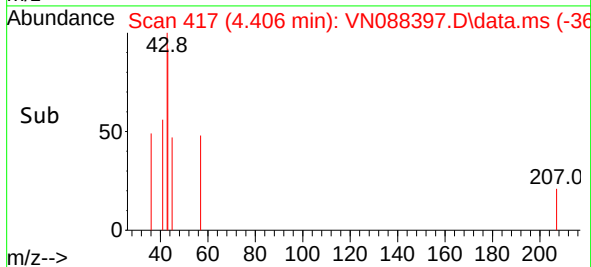
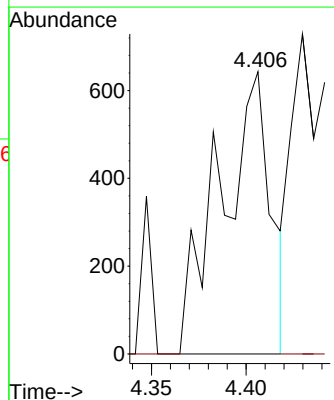
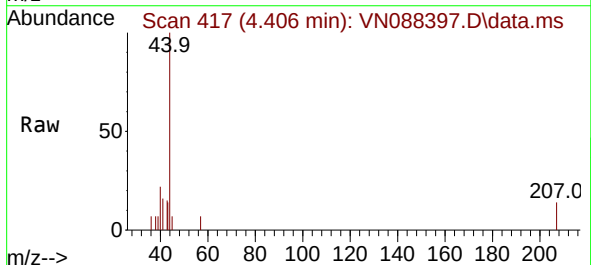


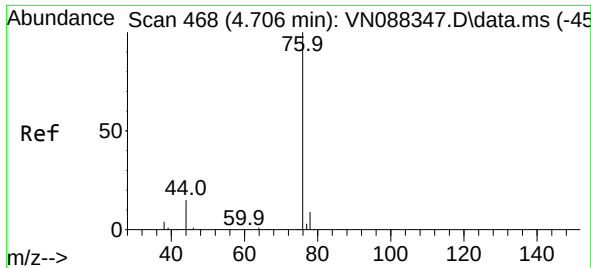
Tgt Ion: 53 Resp: 2017
Ion Ratio Lower Upper
53 100
52 49.2 67.8 101.6#
51 30.9 29.8 44.8



#16
Acetone
Concen: 0.959 ug/l
RT: 4.406 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#

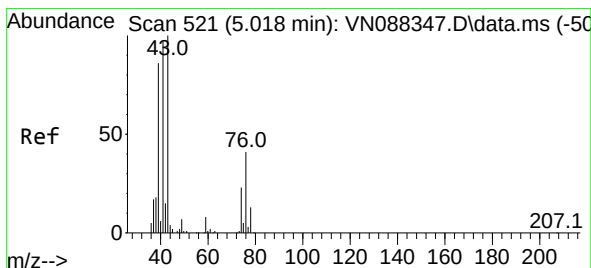
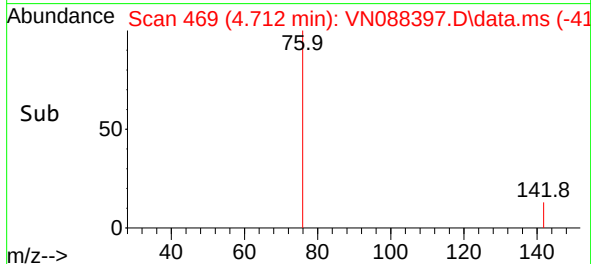
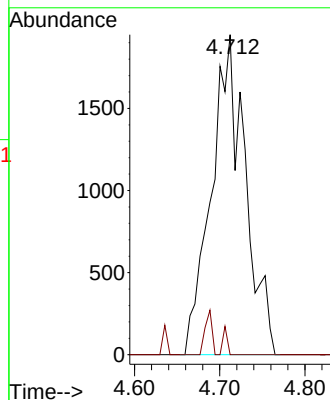
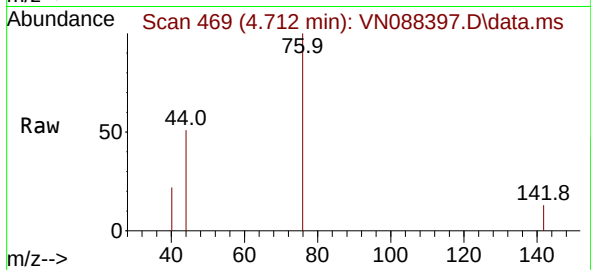




#17
Carbon Disulfide
Concen: 0.746 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

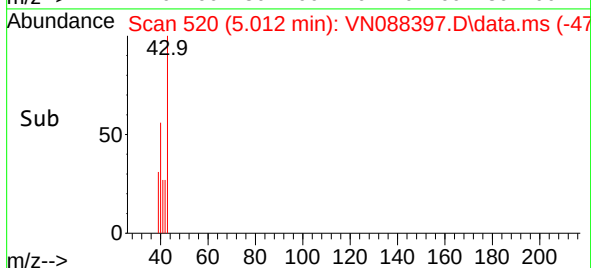
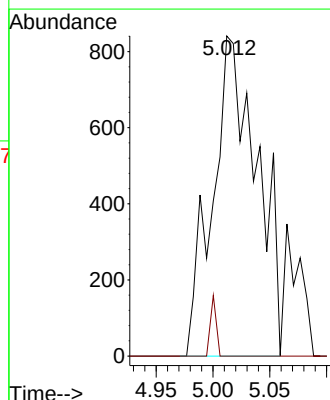
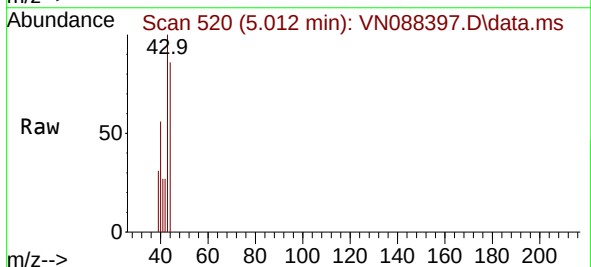
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ClientSampleId :

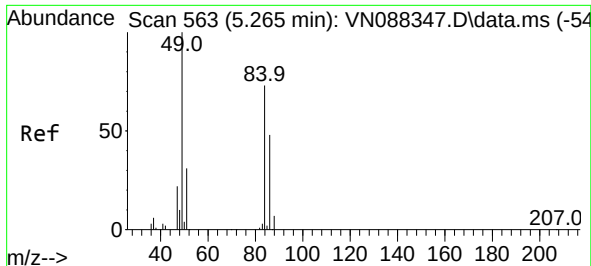
Tgt Ion: 76 Resp: 5405
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 0.622 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

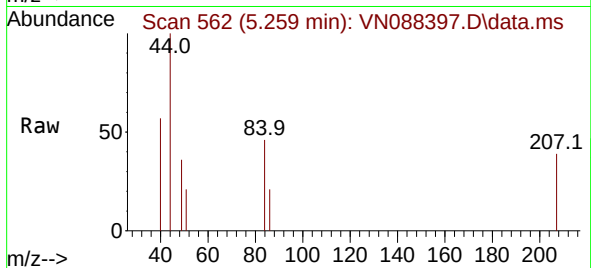
Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
74 2.4 17.9 26.9#





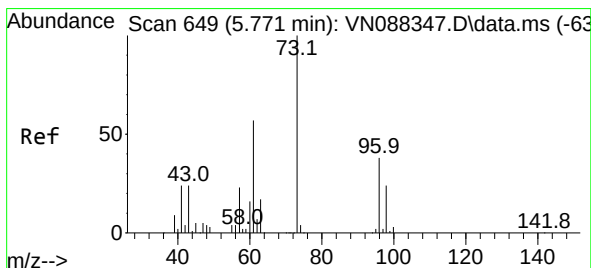
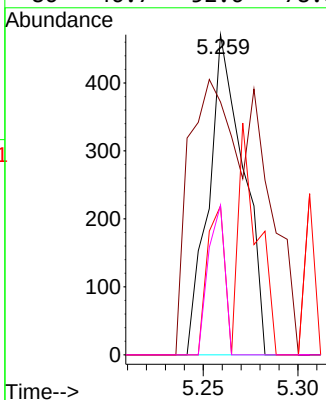
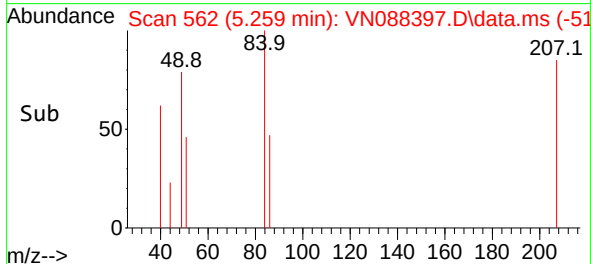
#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 5.259 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 601

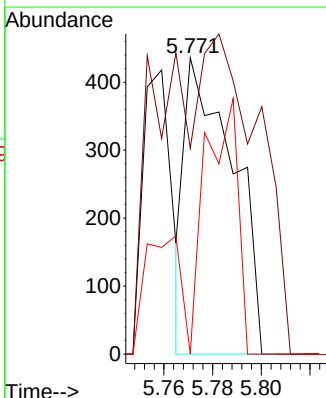
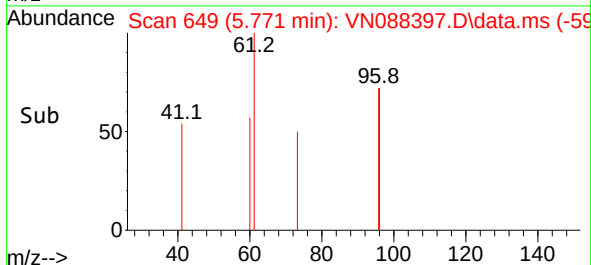
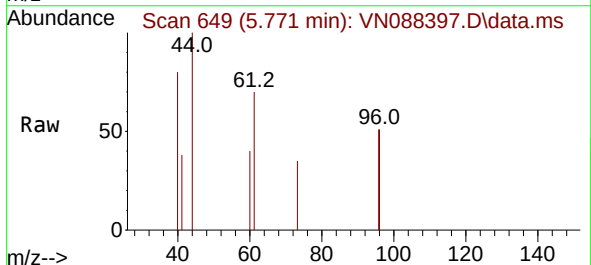
Ion	Ratio	Lower	Upper
84	100		
49	79.0	110.2	165.2#
51	46.5	34.1	51.1
86	46.7	52.6	78.8#

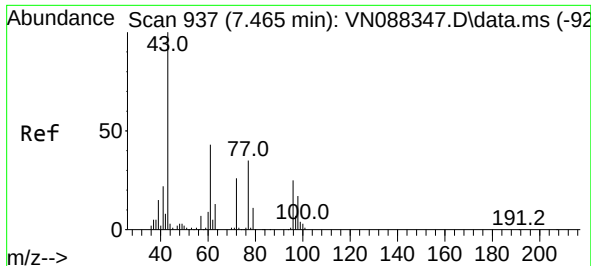


#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 96 Resp: 594

Ion	Ratio	Lower	Upper
96	100		
61	13.3	122.4	183.6#
98	0.0	50.9	76.3#

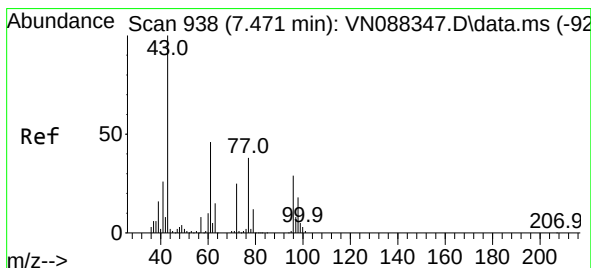
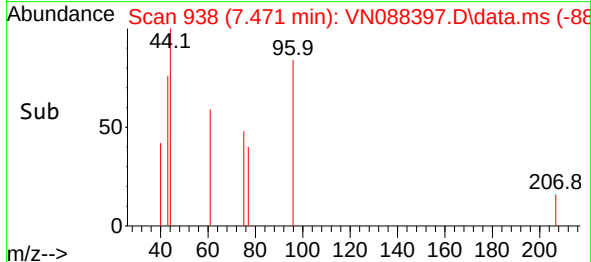
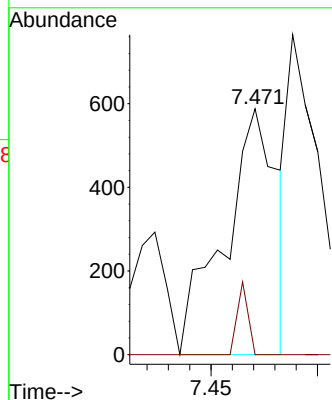
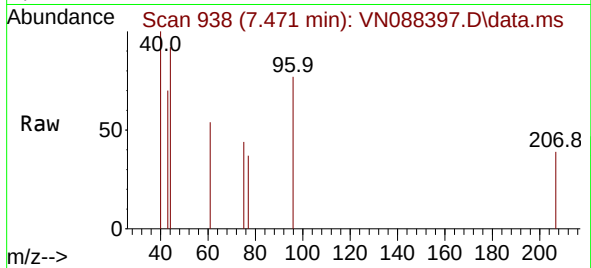




#25
2-Butanone
Concen: 0.506 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

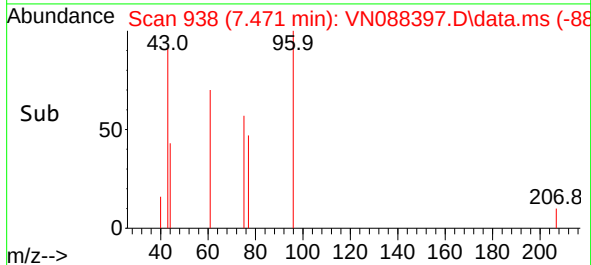
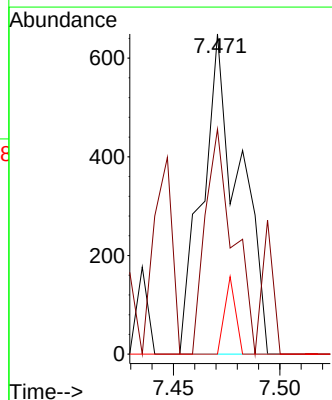
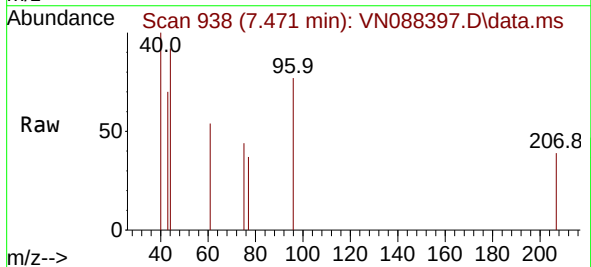
Instrument :
MSVOA_N
ClientSampleId :

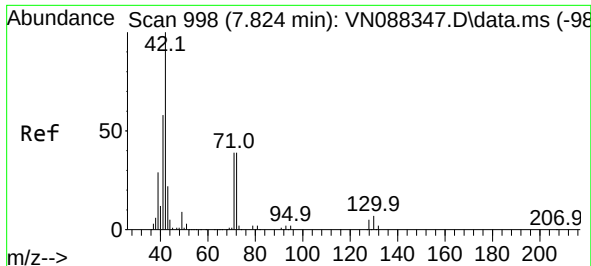
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#27
cis-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 96 Resp: 791
Ion Ratio Lower Upper
96 100
61 52.8 0.0 323.6
98 7.0 0.0 127.2





#29

Tetrahydrofuran

Concen: 0.829 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

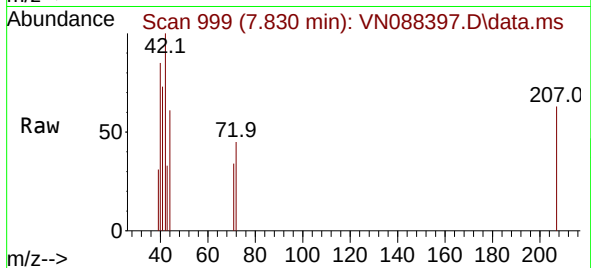
Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

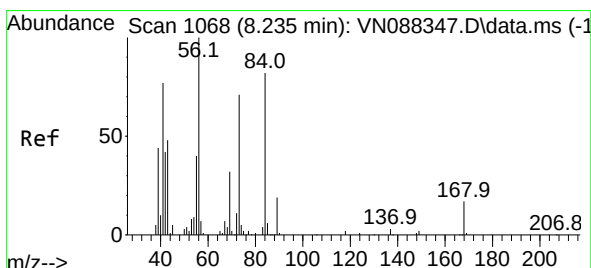
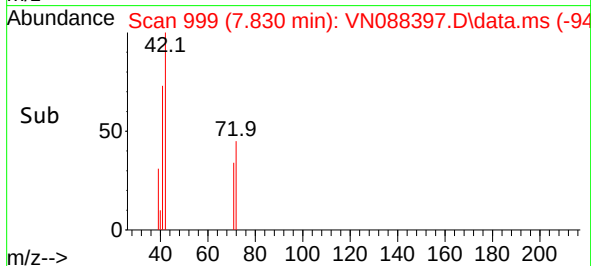
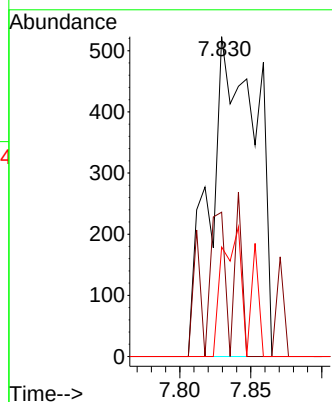
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1184
Ion	Ratio	Lower	Upper
42	100		
72	20.0	32.2	48.4#
71	21.8	31.1	46.7#



#31

Cyclohexane

Concen: 1.462 ug/l

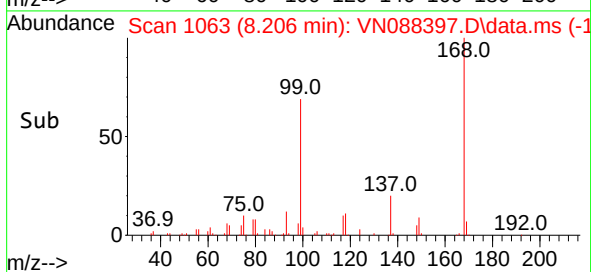
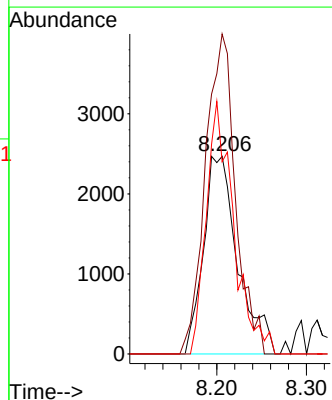
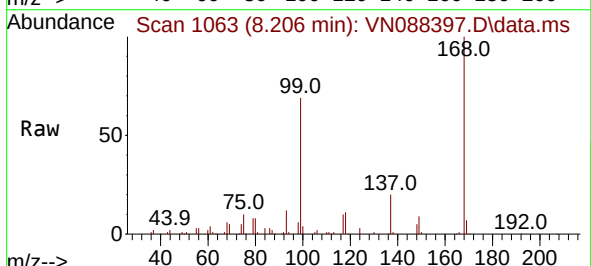
RT: 8.206 min Scan# 1063

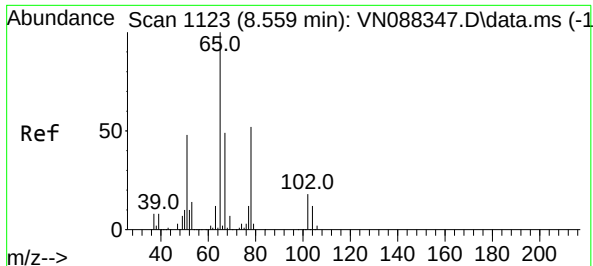
Delta R.T. -0.029 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Tgt Ion:	56	Resp:	6586
Ion	Ratio	Lower	Upper
56	100		
69	161.9	25.3	37.9#
84	97.3	65.4	98.2





#33

1,2-Dichloroethane-d4

Concen: 61.117 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

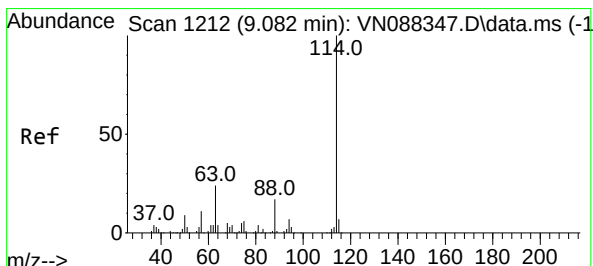
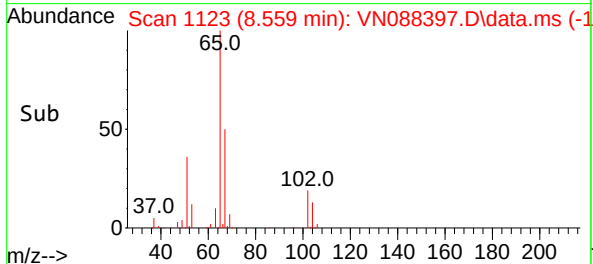
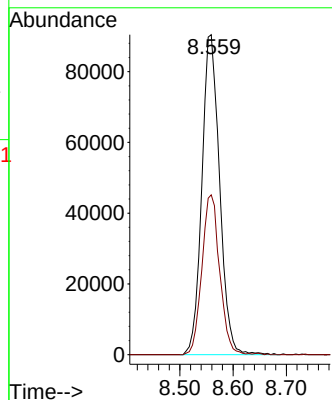
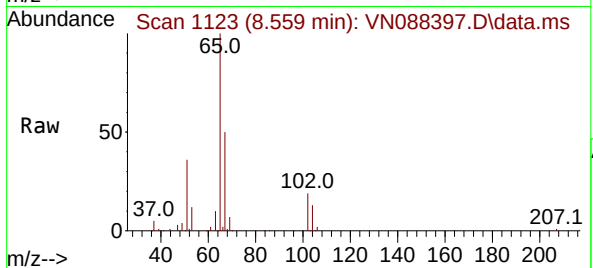
ClientSampleId :

Tgt Ion: 65 Resp: 209307

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

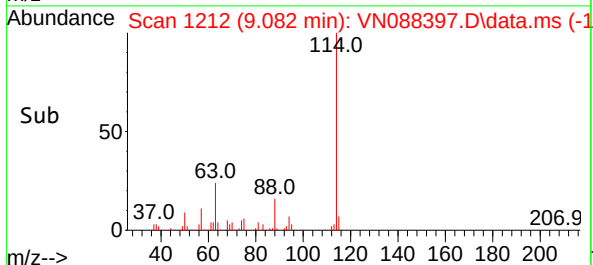
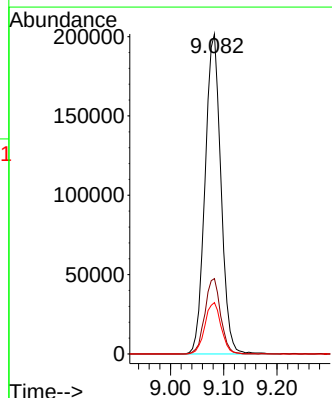
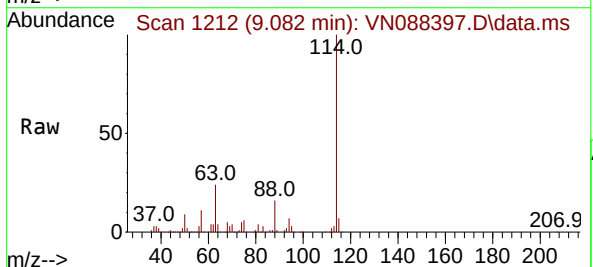
Tgt Ion: 114 Resp: 415636

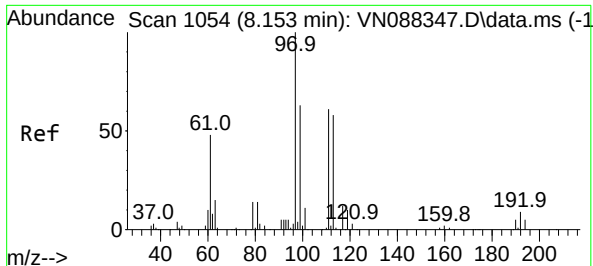
Ion Ratio Lower Upper

114 100

63 23.5 0.0 49.0

88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.423 ug/l

RT: 8.141 min Scan# 1052

Delta R.T. -0.012 min

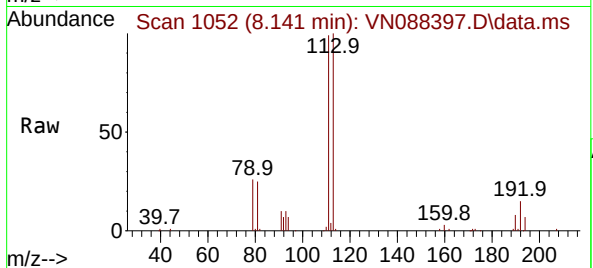
Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :



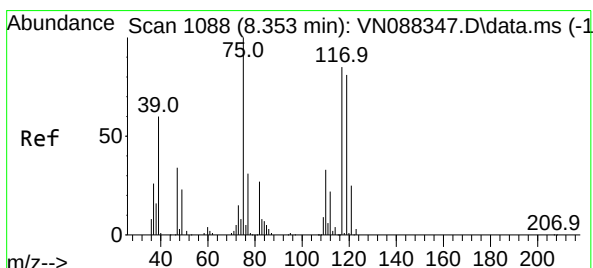
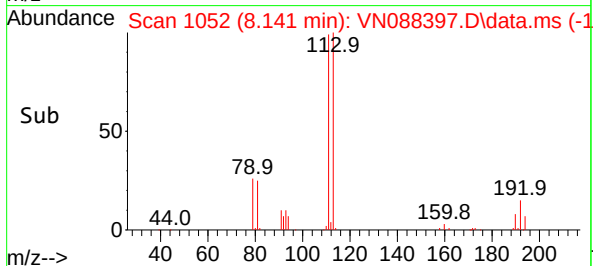
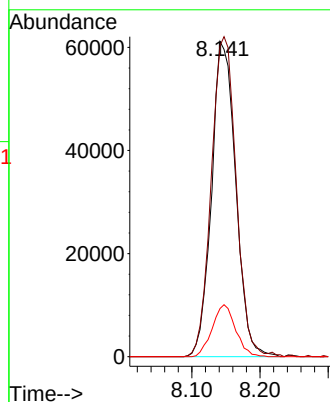
Tgt Ion:113 Resp: 150997

Ion Ratio Lower Upper

113 100

111 104.4 82.5 123.7

192 16.0 12.8 19.2



#36

1,1-Dichloropropene

Concen: 4.226 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

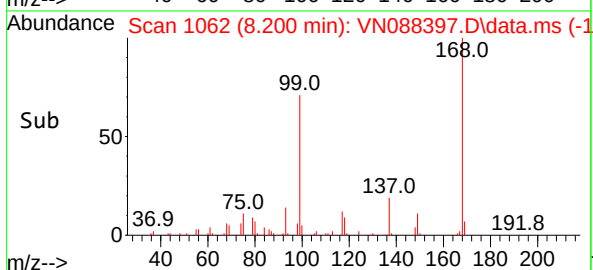
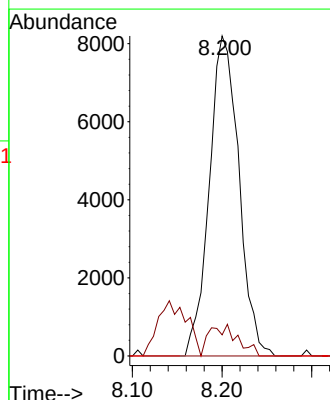
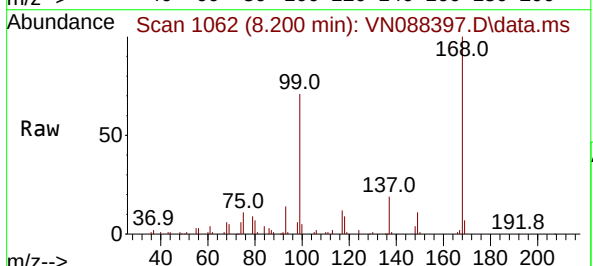
Tgt Ion: 75 Resp: 18788

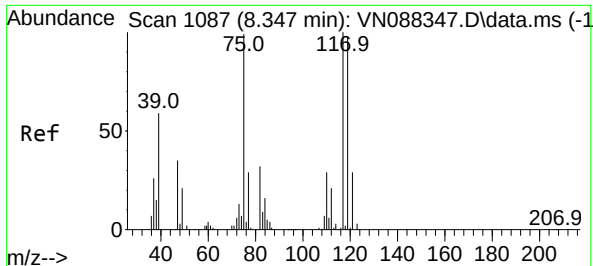
Ion Ratio Lower Upper

75 100

110 9.3 15.8 47.4#

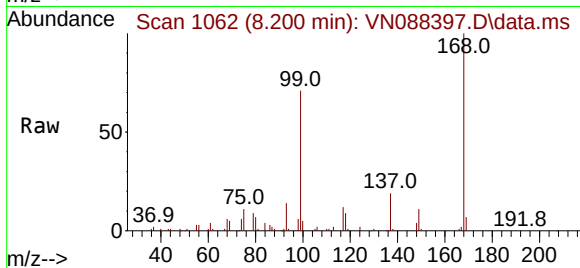
77 0.0 24.2 36.2#



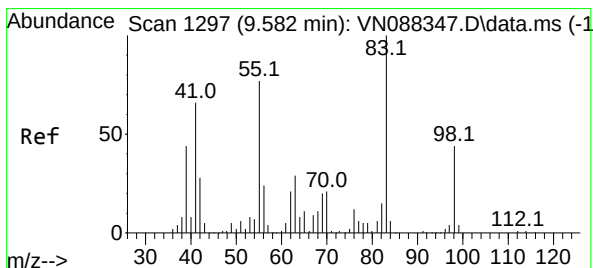
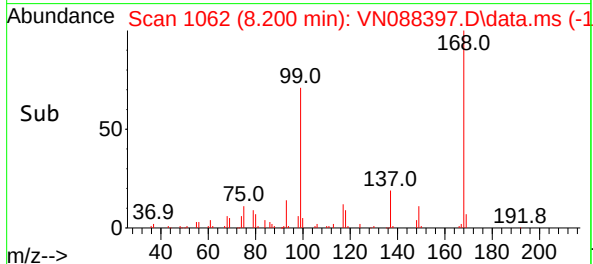
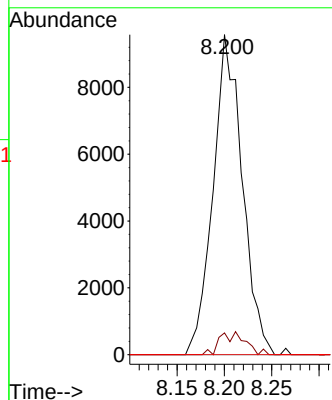


#38
Carbon Tetrachloride
Concen: 4.637 ug/l
RT: 8.200 min Scan# 117
Delta R.T. -0.147 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :

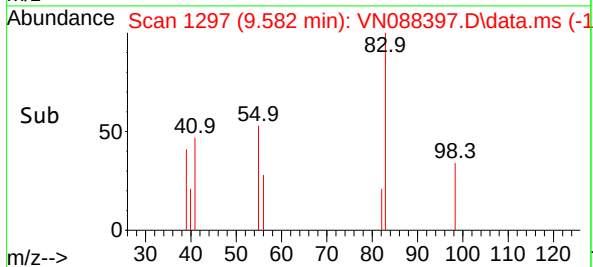
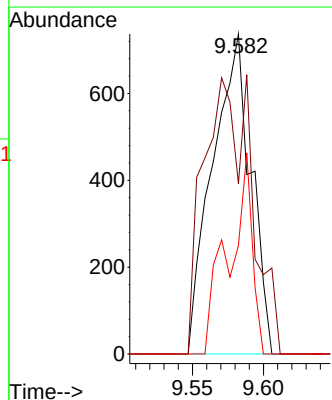
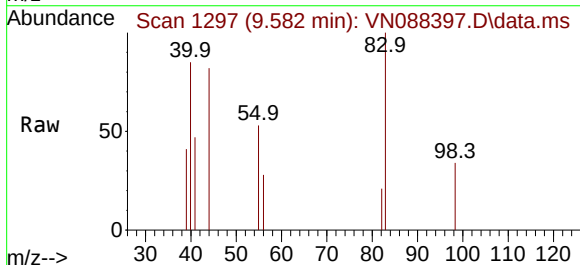


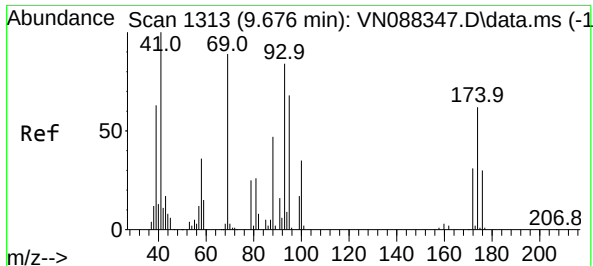
Tgt Ion:117 Resp: 20520
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.4#
121 0.0 23.4 35.2#



#39
Methylcyclohexane
Concen: 0.291 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion: 83 Resp: 1386
Ion Ratio Lower Upper
83 100
55 53.2 61.6 92.4#
98 33.9 35.3 52.9#





#49

1,4-Dioxane

Concen: 20.070 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.018 min

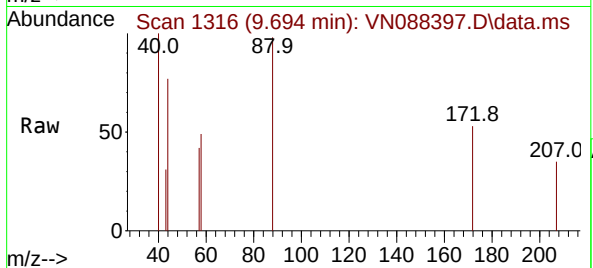
Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :



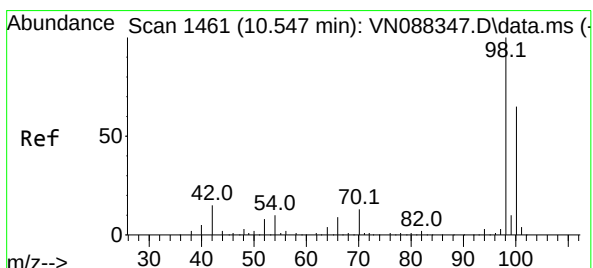
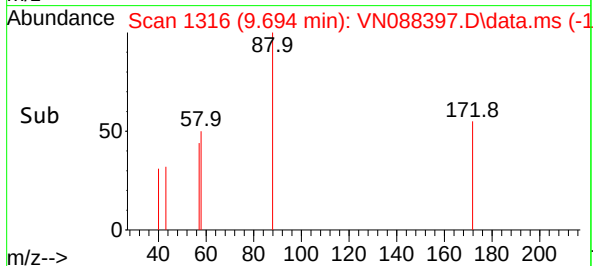
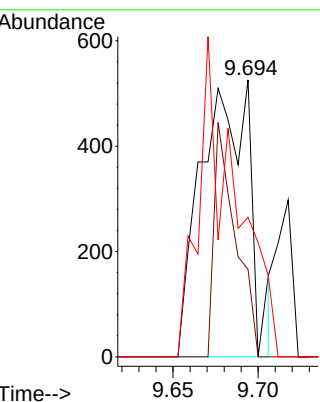
Tgt Ion: 88 Resp: 1040

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 62.0 93.0#



#50

Toluene-d8

Concen: 50.115 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088397.D

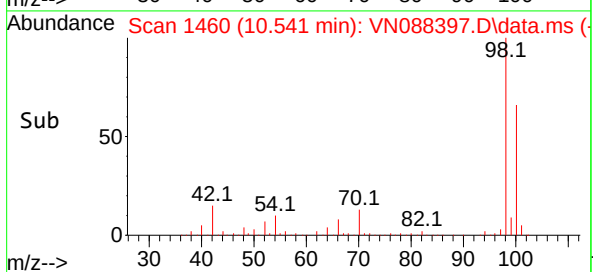
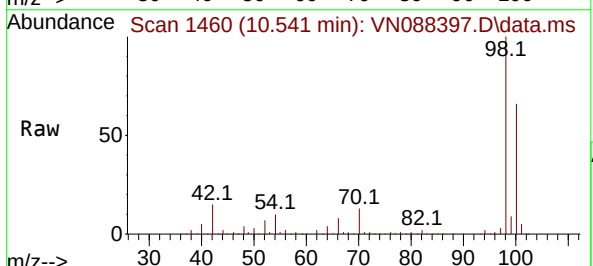
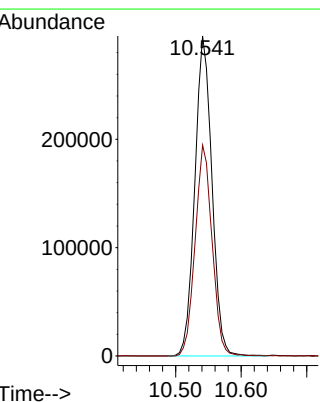
Acq: 02 Dec 2025 10:20

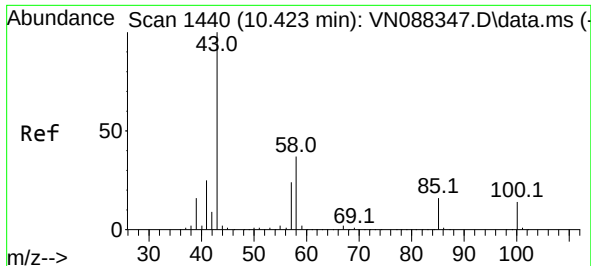
Tgt Ion: 98 Resp: 537087

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.460 ug/l

RT: 10.429 min Scan# 1440

Delta R.T. 0.006 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

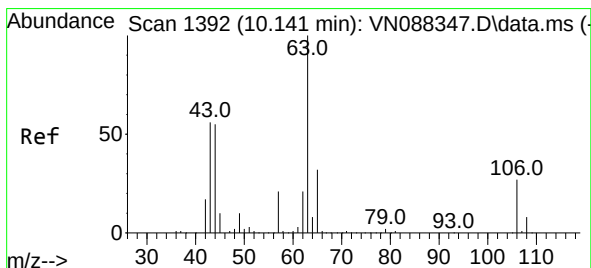
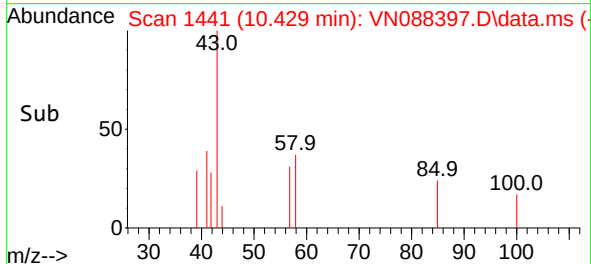
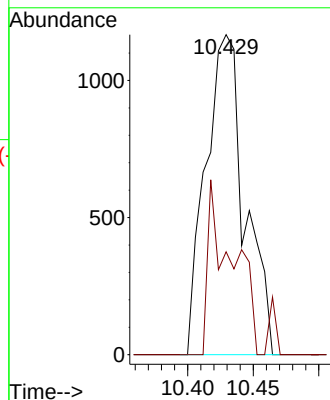
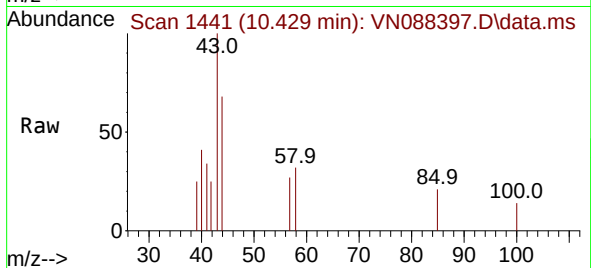
ClientSampleId :

Tgt Ion: 43 Resp: 2420

Ion Ratio Lower Upper

43 100

58 34.3 29.1 43.7



#58

2-Chloroethyl Vinyl ether

Concen: 0.326 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088397.D

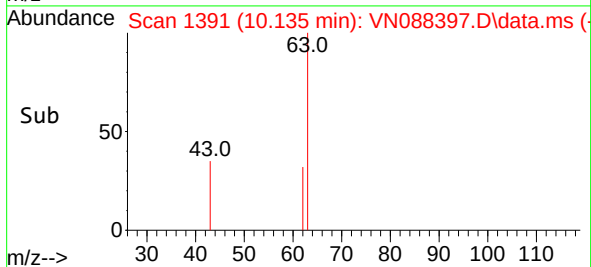
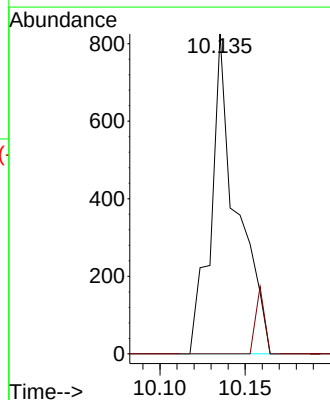
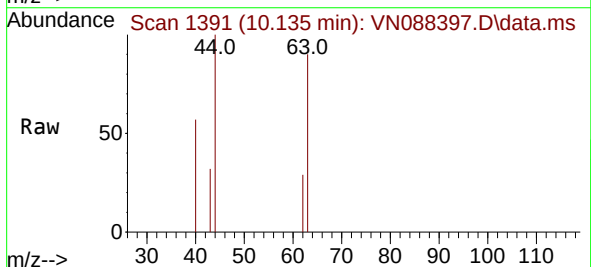
Acq: 02 Dec 2025 10:20

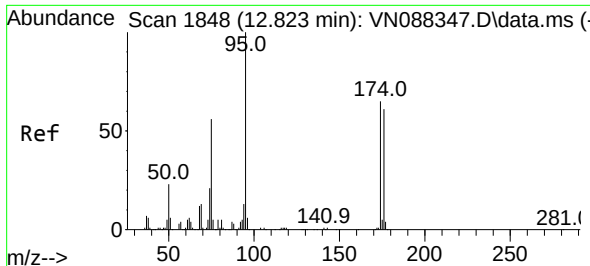
Tgt Ion: 63 Resp: 865

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#

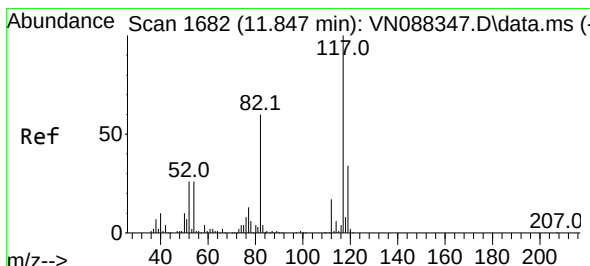
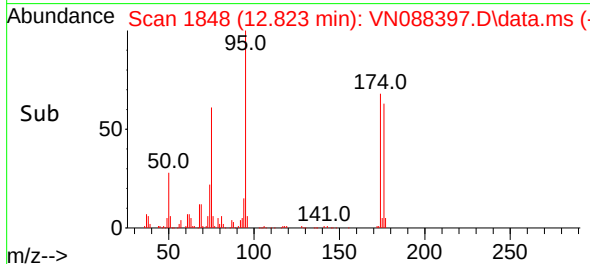
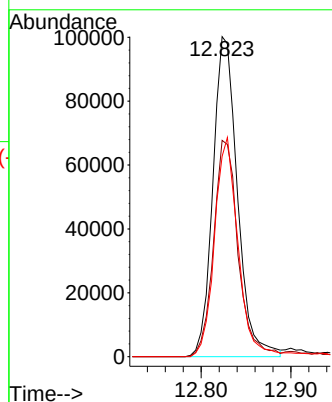
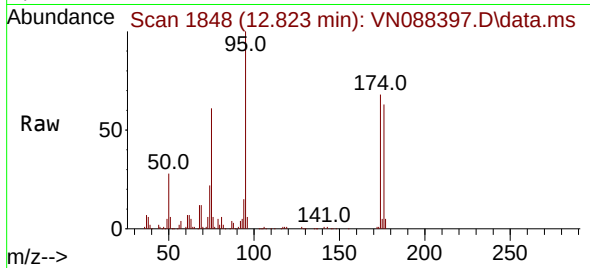




#62
4-Bromofluorobenzene
Concen: 51.832 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

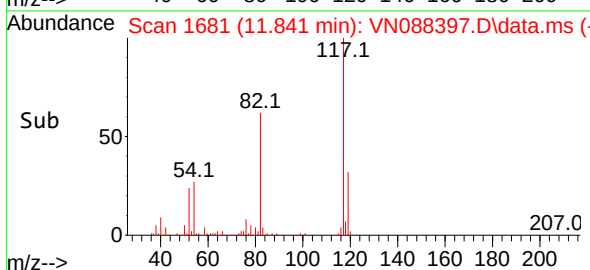
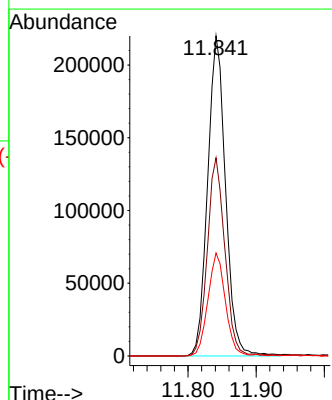
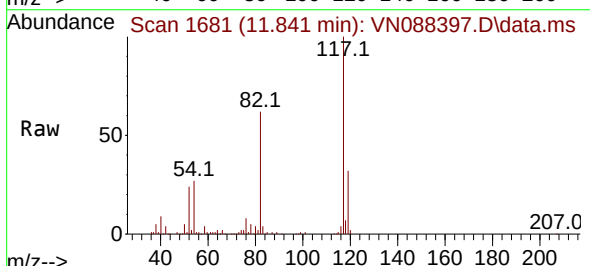
Instrument :
MSVOA_N
ClientSampleId :

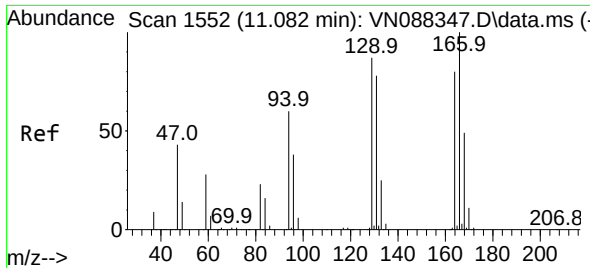
Tgt Ion: 95 Resp: 190598
Ion Ratio Lower Upper
95 100
174 67.4 0.0 139.0
176 66.5 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

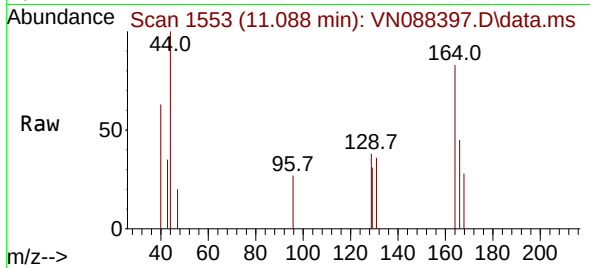
Tgt Ion: 117 Resp: 401801
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 32.1 26.9 40.3



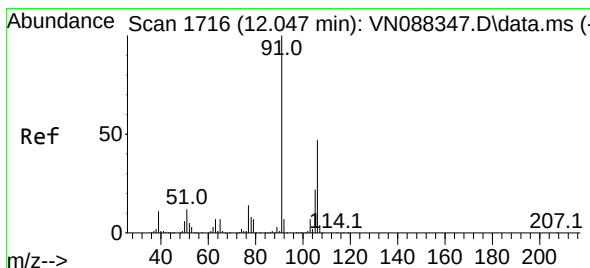
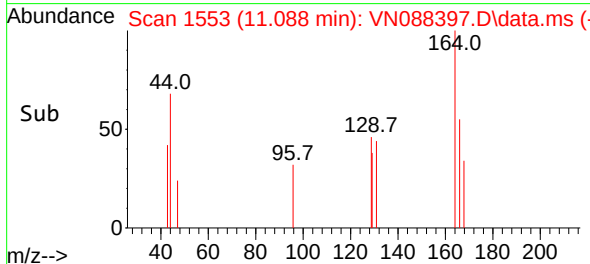
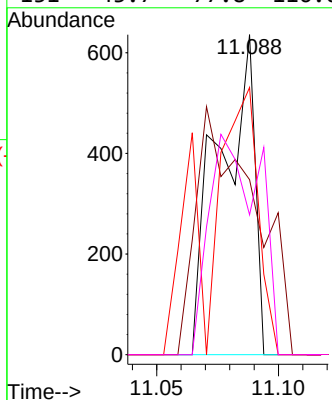


#64
Tetrachloroethene
Concen: 0.202 ug/l
RT: 11.088 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :

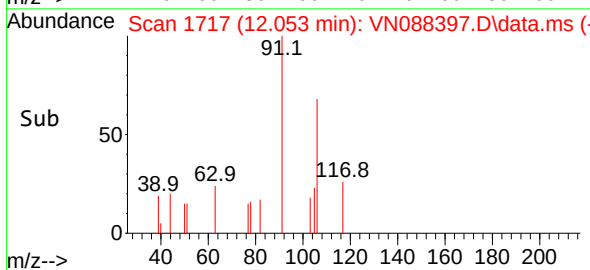
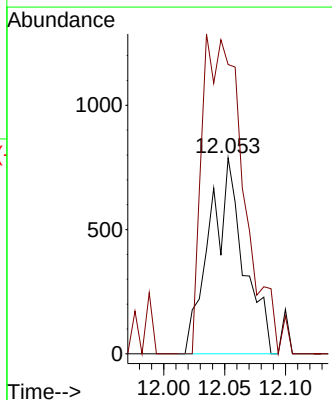
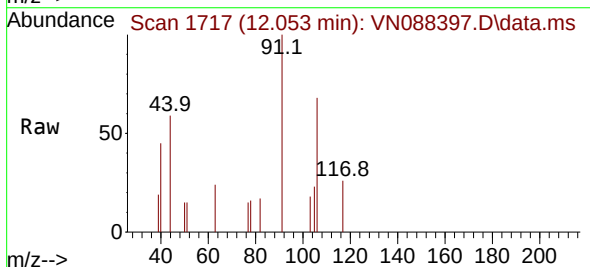


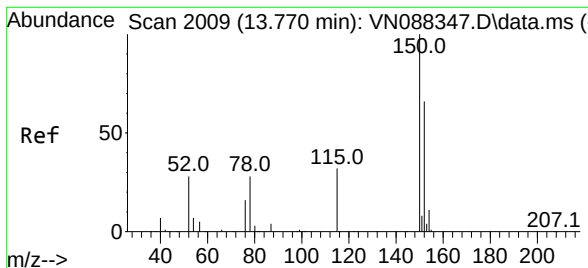
Tgt Ion:164 Resp: 643
Ion Ratio Lower Upper
164 100
166 54.7 99.6 149.4#
129 83.5 86.6 129.8#
131 43.7 77.8 116.6#



#68
m/p-Xylenes
Concen: 0.262 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

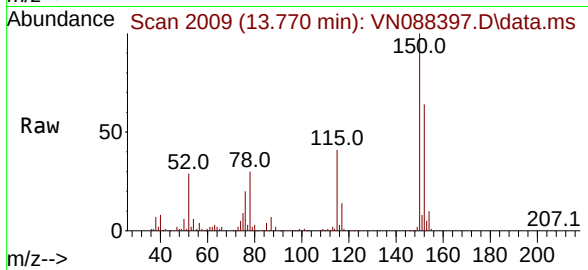
Tgt Ion:106 Resp: 1532
Ion Ratio Lower Upper
106 100
91 200.3 167.8 251.6



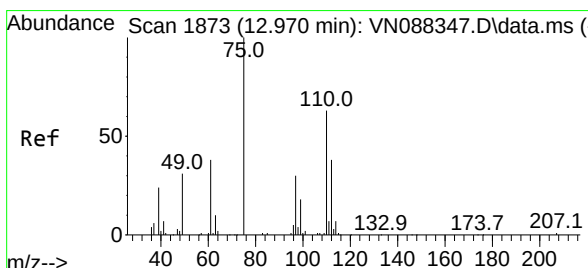
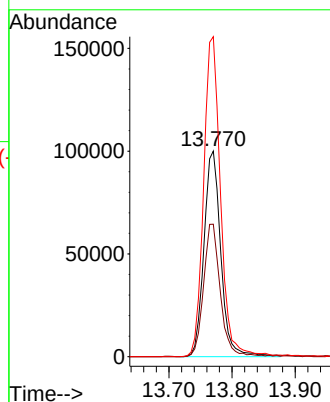
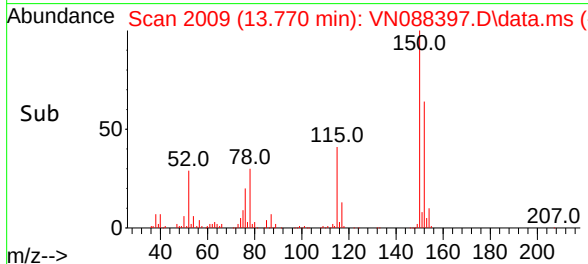


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088397.D
 Acq: 02 Dec 2025 10:20

Instrument :
 MSVOA_N
 ClientSampleId :

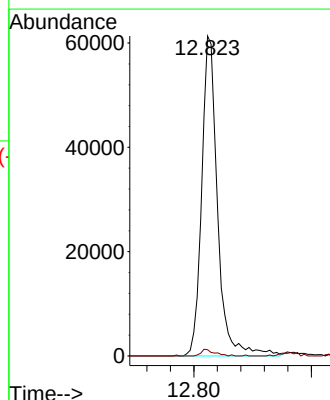
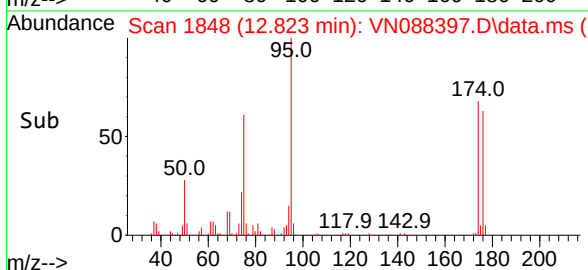
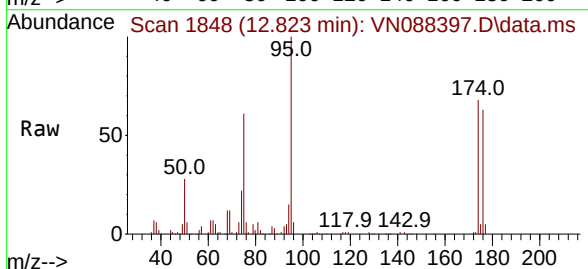


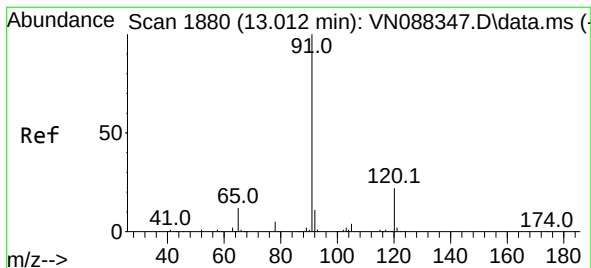
Tgt Ion:152 Resp: 185686
 Ion Ratio Lower Upper
 152 100
 115 63.7 33.0 98.9
 150 155.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.362 ug/l
 RT: 12.823 min Scan# 1848
 Delta R.T. -0.147 min
 Lab File: VN088397.D
 Acq: 02 Dec 2025 10:20

Tgt Ion: 75 Resp: 114652
 Ion Ratio Lower Upper
 75 100
 77 1.8 87.2 261.6#





#78

n-propylbenzene

Concen: 0.236 ug/l

RT: 13.017 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

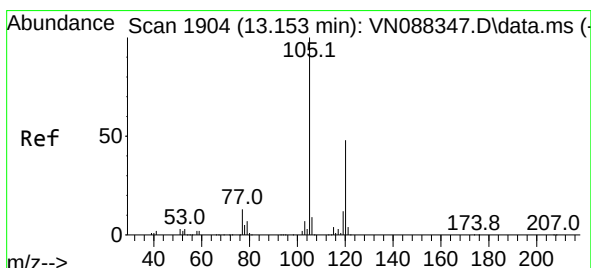
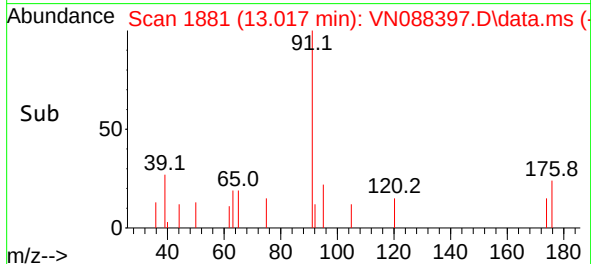
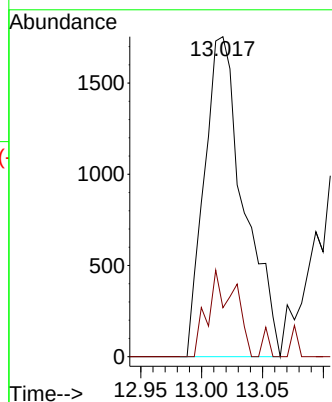
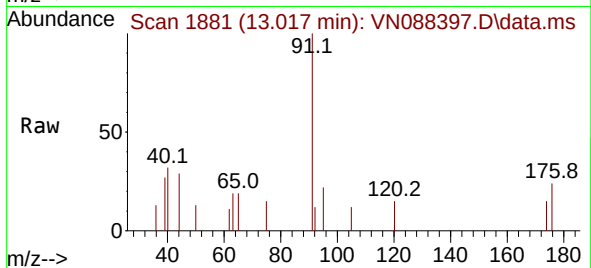
ClientSampleId :

Tgt Ion: 91 Resp: 3965

Ion Ratio Lower Upper

91 100

120 18.4 10.9 32.6



#80

1,3,5-Trimethylbenzene

Concen: 0.249 ug/l

RT: 13.147 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VN088397.D

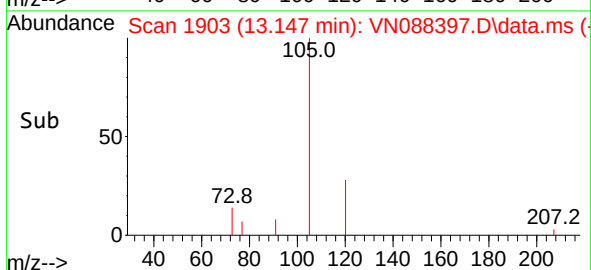
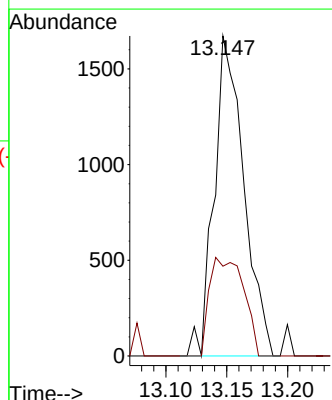
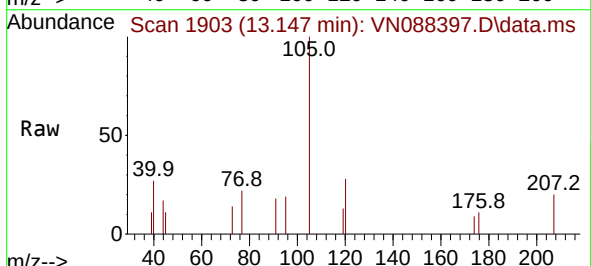
Acq: 02 Dec 2025 10:20

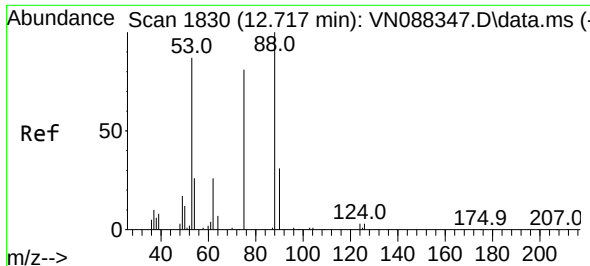
Tgt Ion: 105 Resp: 2834

Ion Ratio Lower Upper

105 100

120 35.3 23.8 71.5

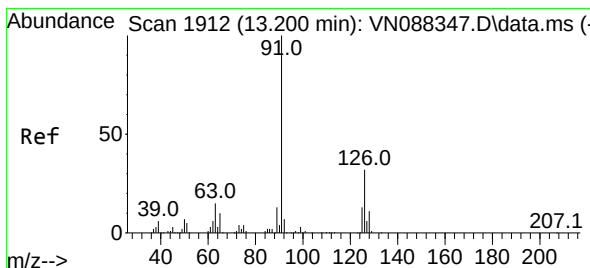
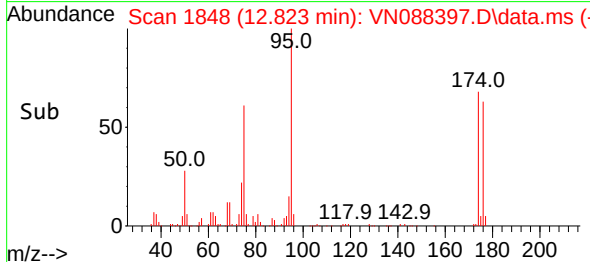
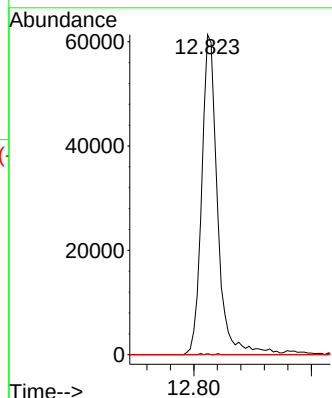
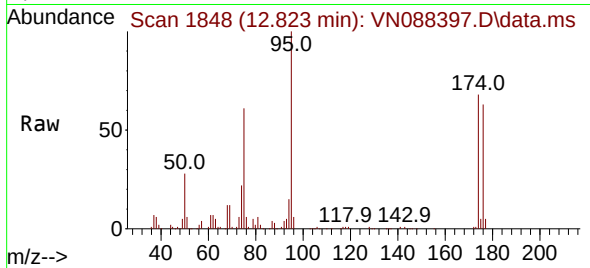




#81
trans-1,4-Dichloro-2-butene
Concen: 74.788 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

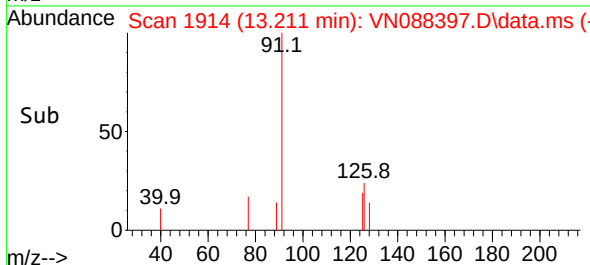
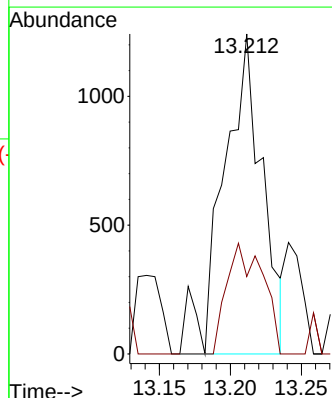
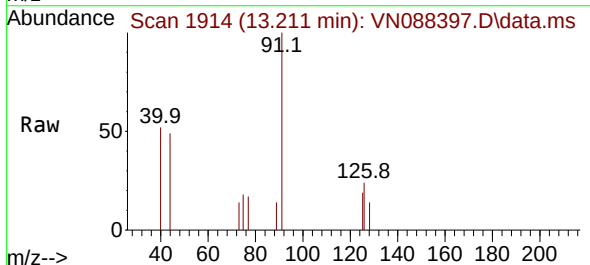
Instrument :
MSVOA_N
ClientSampleId :

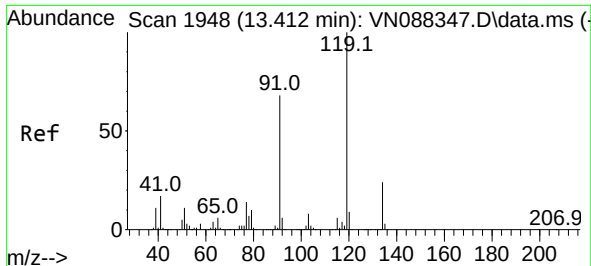
Tgt Ion: 75 Resp: 114652
Ion Ratio Lower Upper
75 100
53 0.1 92.2 138.4#
89 0.1 0.0 0.0#



#82
4-Chlorotoluene
Concen: 0.234 ug/l
RT: 13.211 min Scan# 1914
Delta R.T. 0.012 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

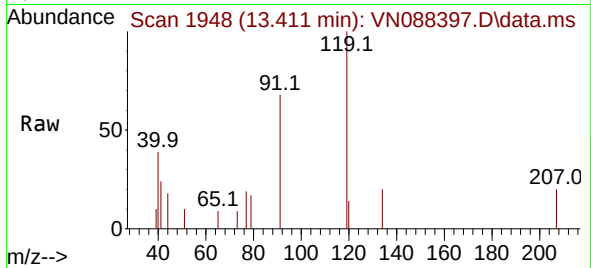
Tgt Ion: 91 Resp: 2381
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.7



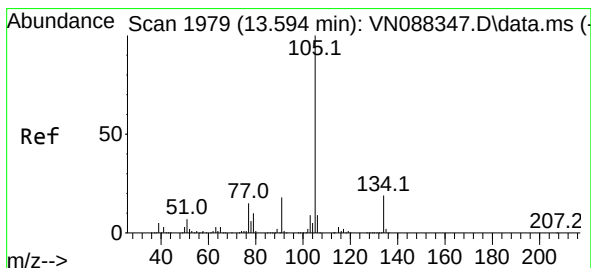
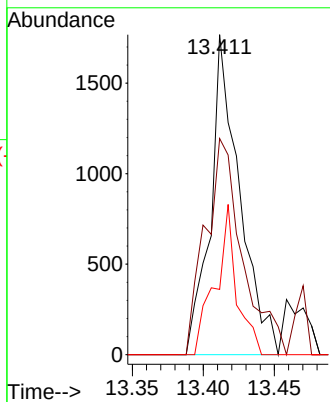
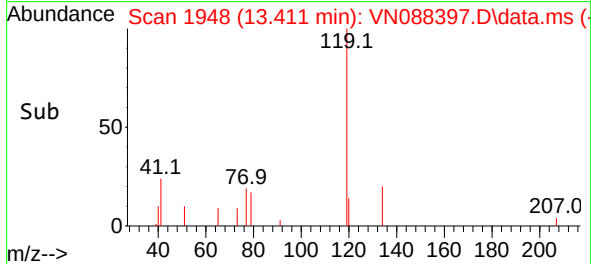


#83
tert-Butylbenzene
Concen: 0.259 ug/l
RT: 13.411 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :

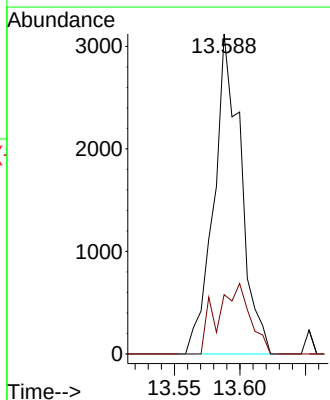
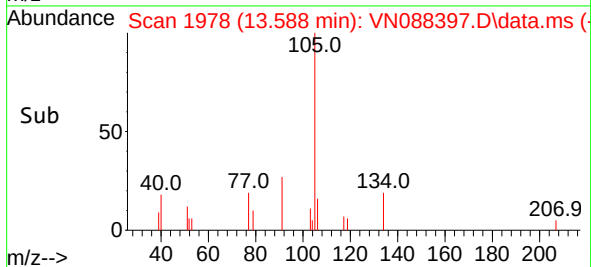
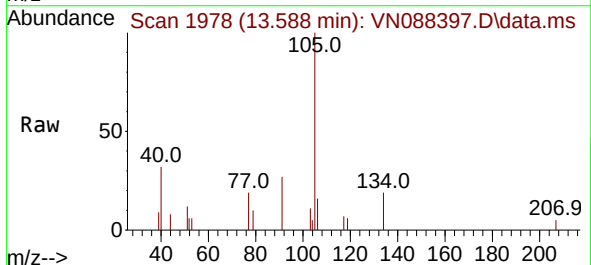


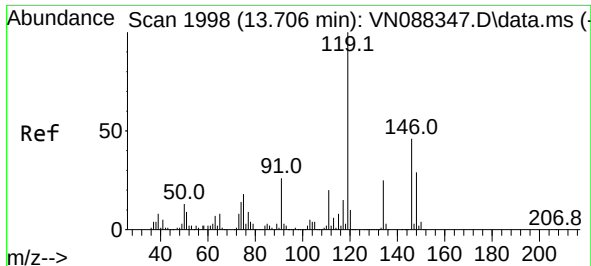
Tgt Ion:119 Resp: 2508
Ion Ratio Lower Upper
119 100
91 86.1 35.1 105.3
134 34.6 12.8 38.4



#85
sec-Butylbenzene
Concen: 0.322 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion:105 Resp: 4473
Ion Ratio Lower Upper
105 100
134 26.7 9.5 28.5

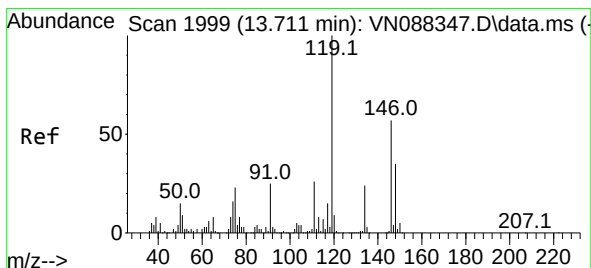
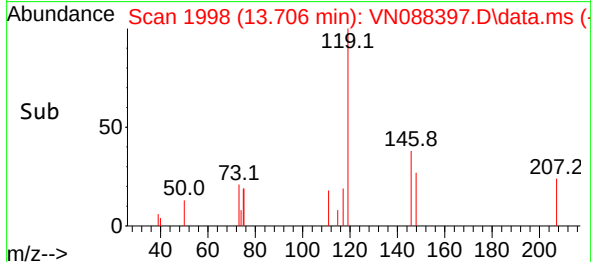
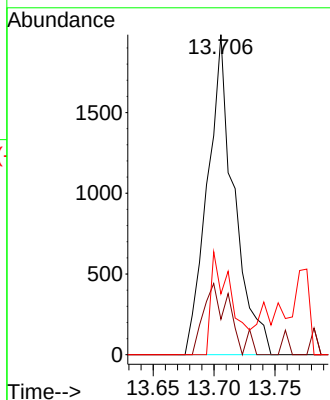
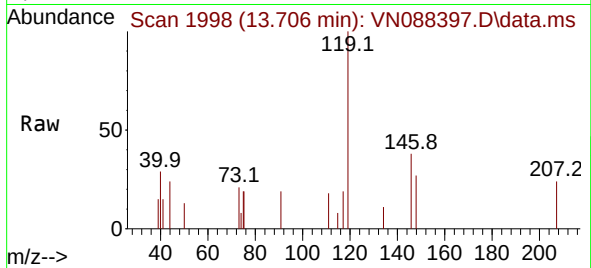




#86
 p-Isopropyltoluene
 Concen: 0.266 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088397.D
 Acq: 02 Dec 2025 10:20

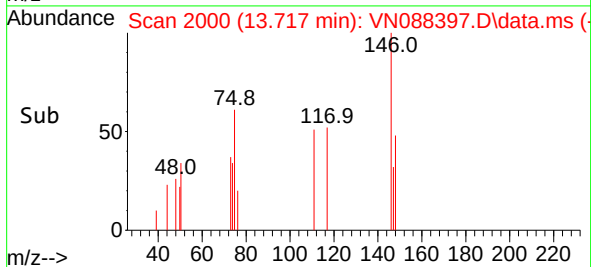
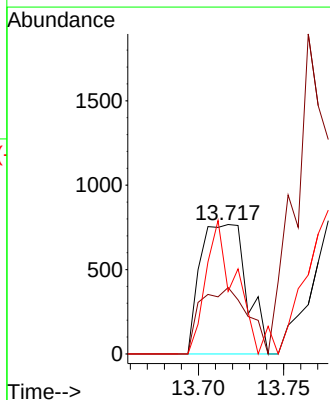
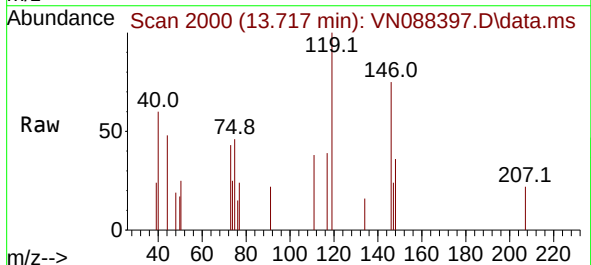
Instrument :
 MSVOA_N
 ClientSampleId :

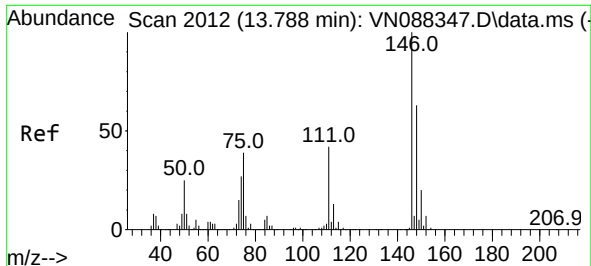
Tgt Ion:	119	Resp:	3025
Ion	Ratio	Lower	Upper
119	100		
134	21.9	12.2	36.6
91	24.7	13.0	39.0



#87
 1,3-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 13.717 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN088397.D
 Acq: 02 Dec 2025 10:20

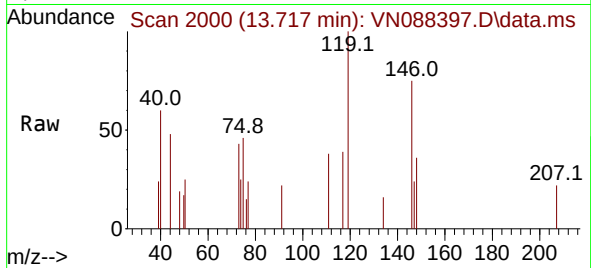
Tgt Ion:	146	Resp:	1450
Ion	Ratio	Lower	Upper
146	100		
111	51.9	22.4	67.0
148	68.1	31.6	94.8



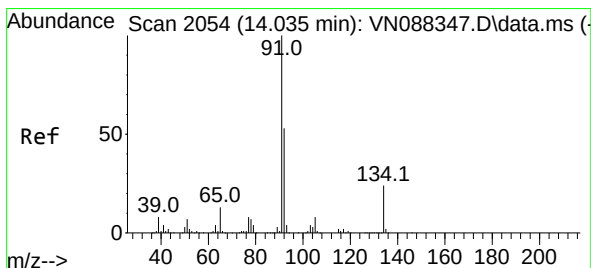
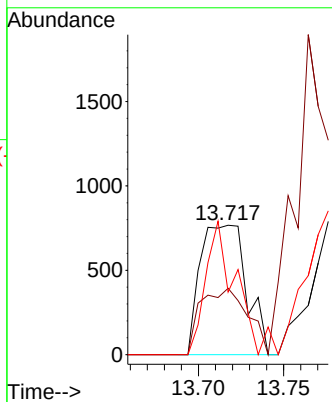
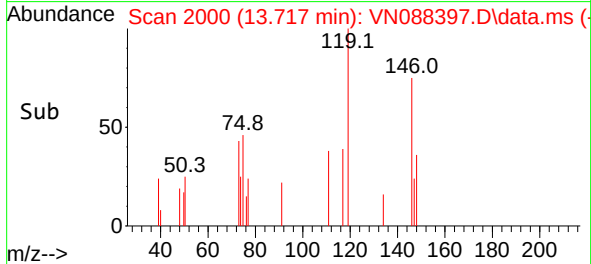


#88
1,4-Dichlorobenzene
Concen: 0.226 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. -0.071 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :

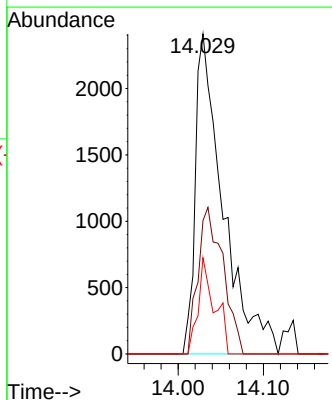
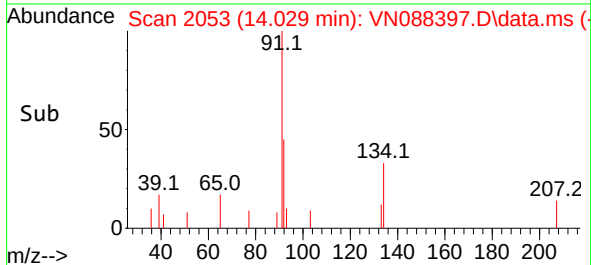
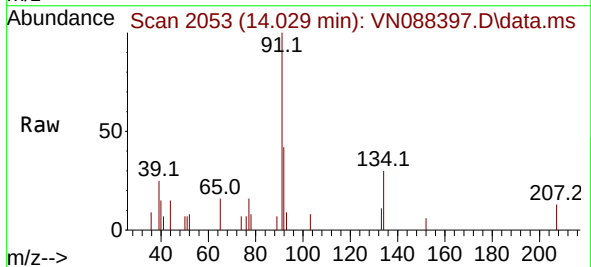


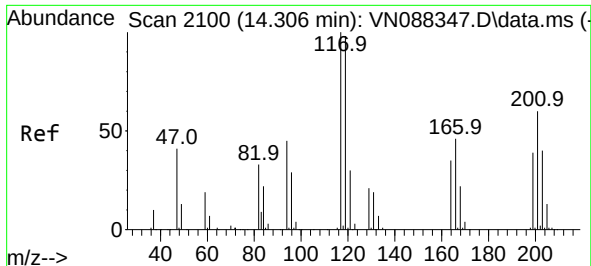
Tgt Ion:146 Resp: 1450
Ion Ratio Lower Upper
146 100
111 51.9 21.6 64.6
148 68.1 31.0 93.0



#89
n-Butylbenzene
Concen: 0.493 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

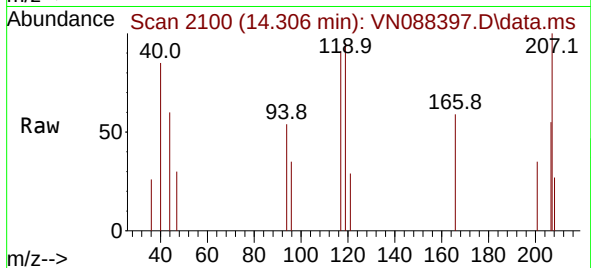
Tgt Ion: 91 Resp: 5458
Ion Ratio Lower Upper
91 100
92 41.1 26.1 78.3
134 17.9 11.7 35.1



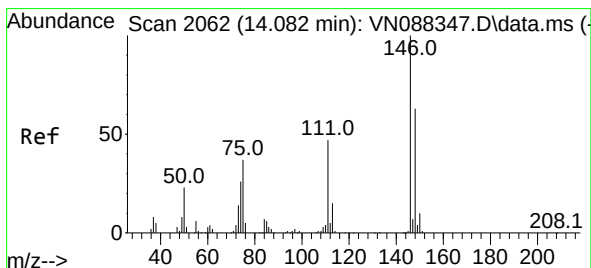
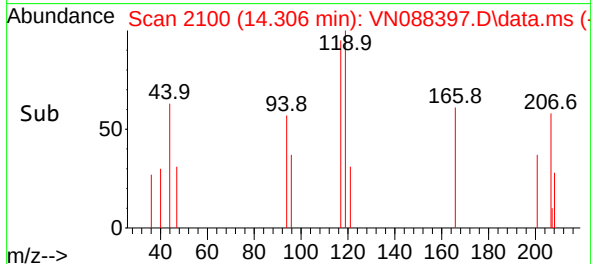
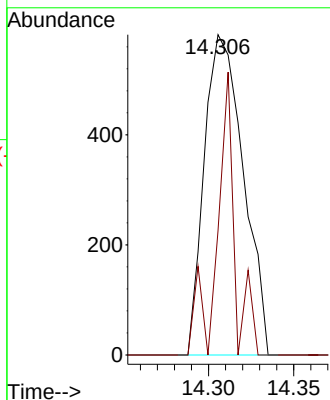


#90
Hexachloroethane
Concen: 0.446 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :

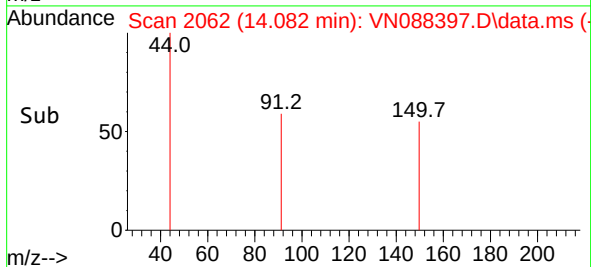
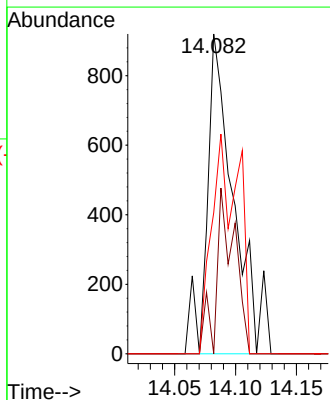
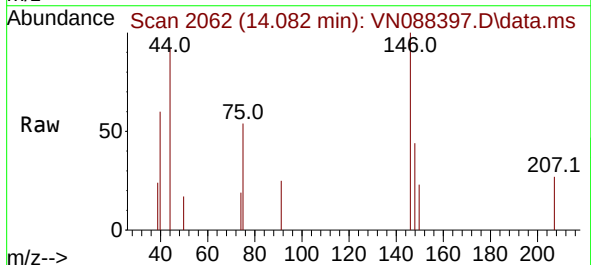


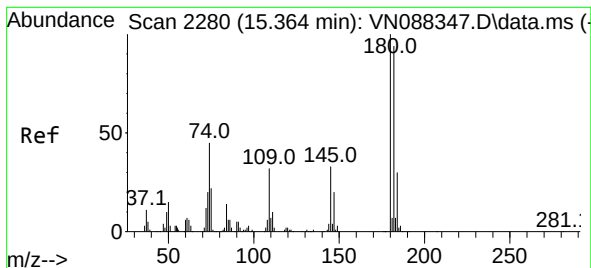
Tgt Ion:117 Resp: 928
Ion Ratio Lower Upper
117 100
201 40.1 30.3 90.9



#91
1,2-Dichlorobenzene
Concen: 0.245 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088397.D
Acq: 02 Dec 2025 10:20

Tgt Ion:146 Resp: 1410
Ion Ratio Lower Upper
146 100
111 36.0 23.3 69.9
148 68.2 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 0.809 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

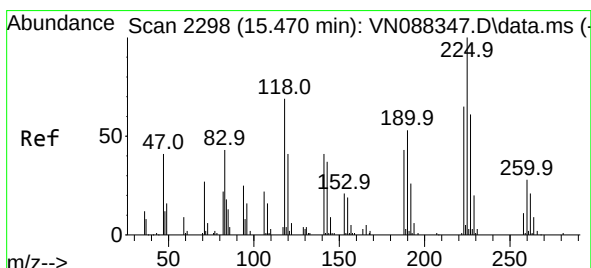
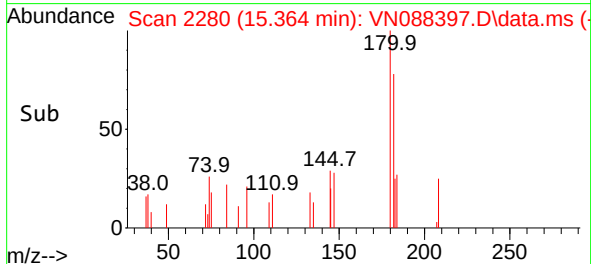
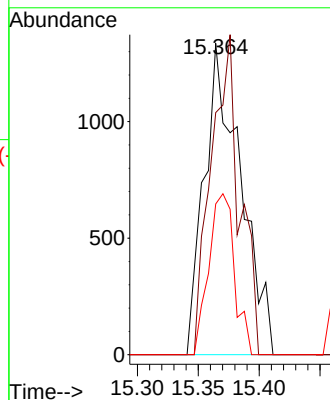
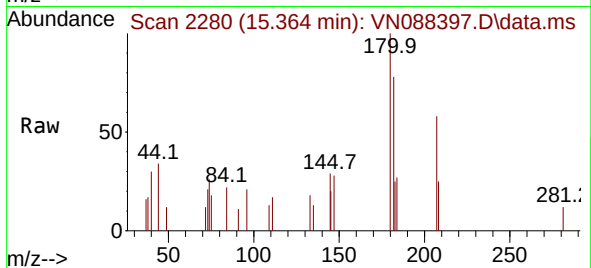
Tgt Ion:180 Resp: 2766

Ion Ratio Lower Upper

180 100

182 81.2 46.1 138.2

145 36.6 16.7 50.1



#94

Hexachlorobutadiene

Concen: 2.144 ug/l

RT: 15.458 min Scan# 2296

Delta R.T. -0.012 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

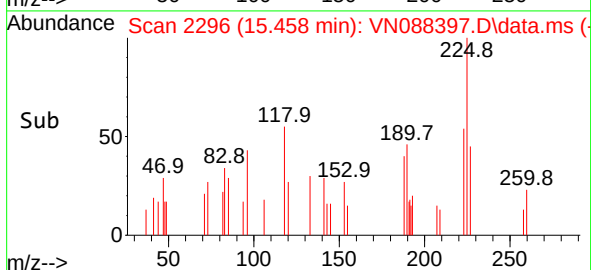
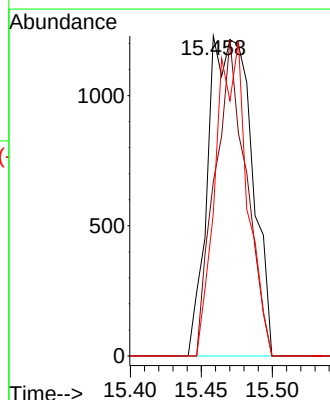
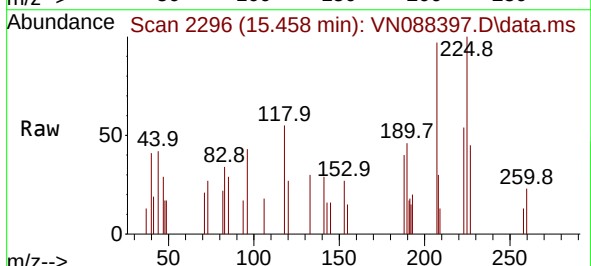
Tgt Ion:225 Resp: 2634

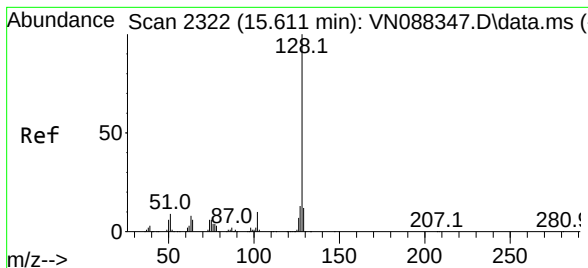
Ion Ratio Lower Upper

225 100

223 70.5 32.3 96.8

227 71.1 29.9 89.8





#95

Naphthalene

Concen: 0.506 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088397.D

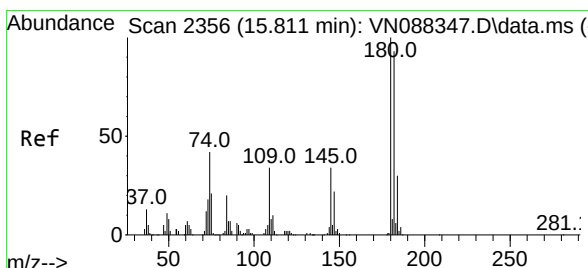
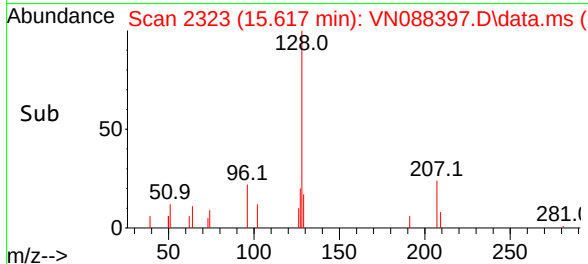
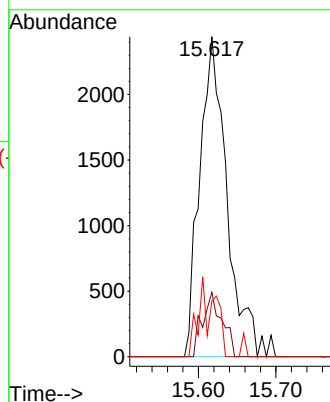
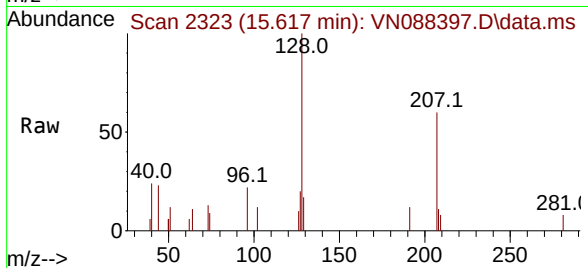
Acq: 02 Dec 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	5991
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.4 15.6
129	7.4	9.0 13.6#



#96

1,2,3-Trichlorobenzene

Concen: 0.721 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN088397.D

Acq: 02 Dec 2025 10:20

Tgt Ion:180	Resp:	2398
Ion Ratio	Lower	Upper
180	100	
182	99.4	45.9 137.7
145	41.8	17.8 53.4

