

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088480.D
 Acq On : 09 Dec 2025 15:42
 Operator : JC\MD
 Sample : Q3795-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11966

Quant Time: Dec 10 05:08:47 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	250332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	573177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	570736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	254618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	251050	53.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	8.148	113	182174	45.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.720%	
50) Toluene-d8	10.542	98	677211	45.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.640%	
62) 4-Bromofluorobenzene	12.824	95	261456	51.559	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.120%	

Target Compounds				Qvalue		
3) Chloromethane	2.395	50	937	0.232	ug/l #	43
8) Diethyl Ether	3.948	74	470	0.217	ug/l	90
10) Methyl Iodide	4.589	142	1098	0.361	ug/l #	84
11) Tert butyl alcohol	5.512	59	2792	3.708	ug/l #	72
13) Acrolein	4.195	56	540	0.749	ug/l #	73
15) Acrylonitrile	5.701	53	544	0.250	ug/l #	64
16) Acetone	4.424	43	142005	83.265	ug/l	97
17) Carbon Disulfide	4.701	76	2647	0.265	ug/l #	76
18) Methyl Acetate	5.030	43	7830	1.542	ug/l #	83
20) Methylene Chloride	5.265	84	301518	82.633	ug/l	99
25) 2-Butanone	7.477	43	14061	5.129	ug/l #	81
29) Tetrahydrofuran	7.824	42	1804	0.917	ug/l #	75
31) Cyclohexane	8.206	56	8684	1.400	ug/l #	7
36) 1,1-Dichloropropene	8.206	75	26418	4.309	ug/l #	51
37) Ethyl Acetate	7.477	43	14061	1.744	ug/l #	75
38) Carbon Tetrachloride	8.200	117	30144	4.940	ug/l #	16
43) Isopropyl Acetate	8.671	43	31882	2.589	ug/l #	91
48) Methyl methacrylate	9.718	41	115797	20.608	ug/l #	45
49) 1,4-Dioxane	9.695	88	817	11.433	ug/l #	11
51) 4-Methyl-2-Pentanone	10.424	43	10431	1.437	ug/l	89
52) Toluene	10.606	92	10089	0.971	ug/l	87
54) cis-1,3-Dichloropropene	10.336	75	47536	6.561	ug/l #	63
57) 1,3-Dichloropropane	11.189	76	3903	0.538	ug/l #	42
59) 2-Hexanone	11.183	43	51703	11.306	ug/l #	58
68) m/p-Xylenes	12.041	106	1700	0.205	ug/l	75
76) 1,2,3-Trichloropropane	12.824	75	151306	25.372	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.824	75	151306	71.978	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.465	105	3763	0.243	ug/l	97
85) sec-Butylbenzene	13.594	105	4301	0.226	ug/l	80
86) p-Isopropyltoluene	13.700	119	3379	0.216	ug/l	84
89) n-Butylbenzene	14.030	91	5656	0.373	ug/l	87
90) Hexachloroethane	14.306	117	1088	0.381	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.371	180	2008	0.428	ug/l	92
94) Hexachlorobutadiene	15.471	225	1668	0.990	ug/l	89
95) Naphthalene	15.618	128	8211	0.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.818	180	2275	0.499	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

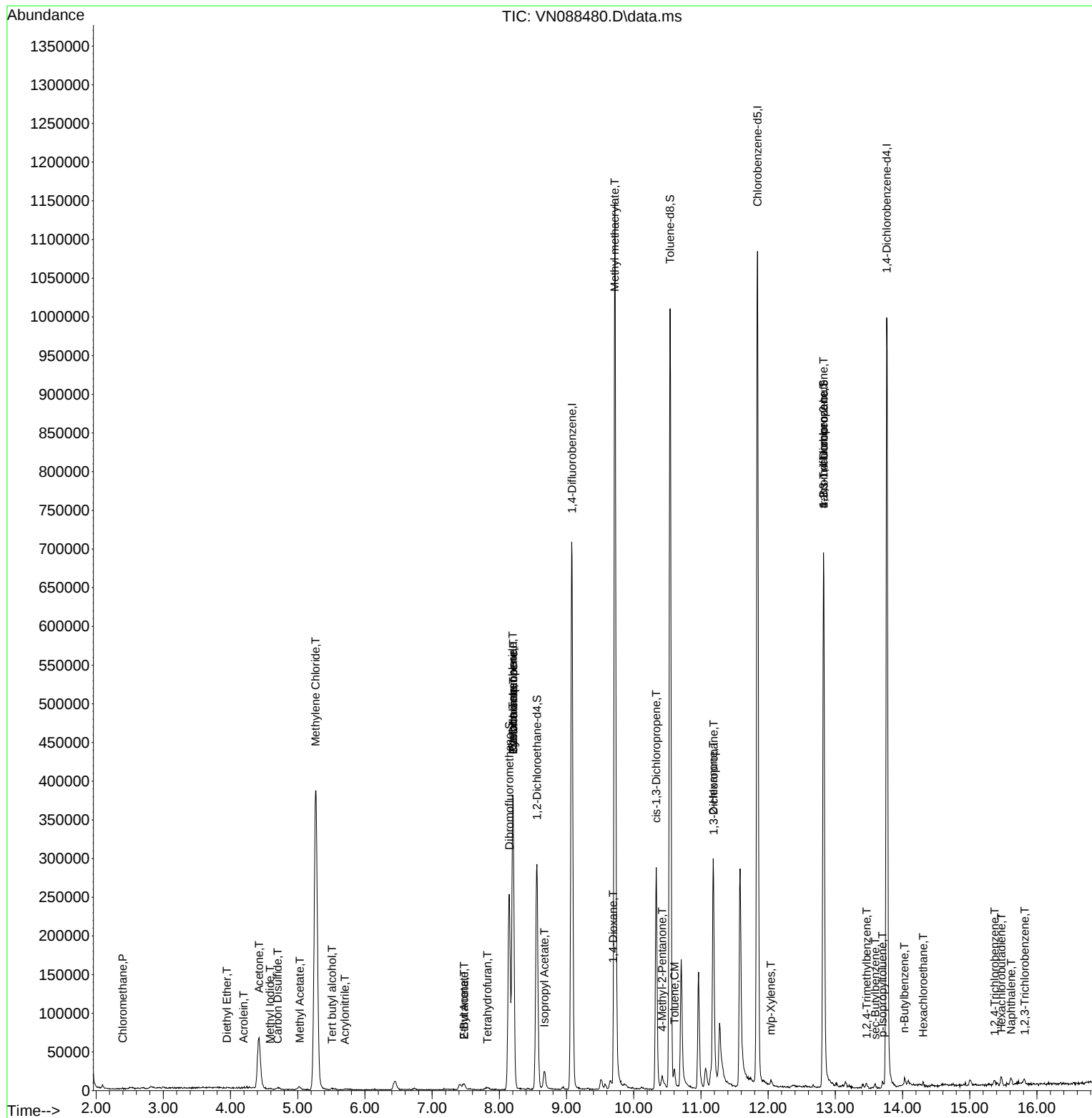
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

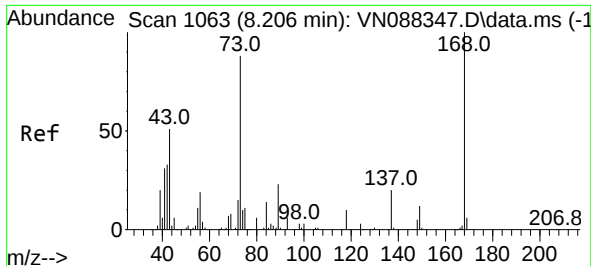
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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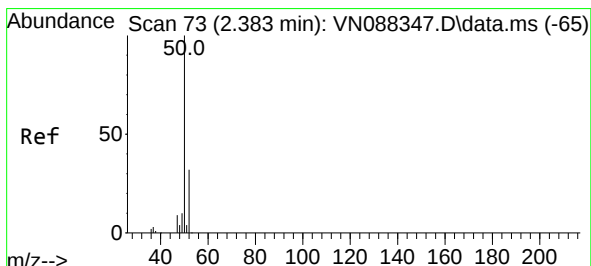
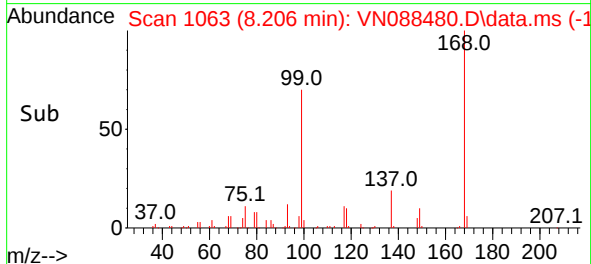
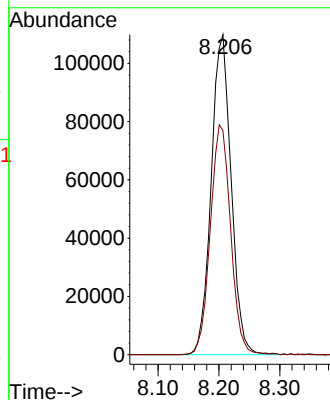
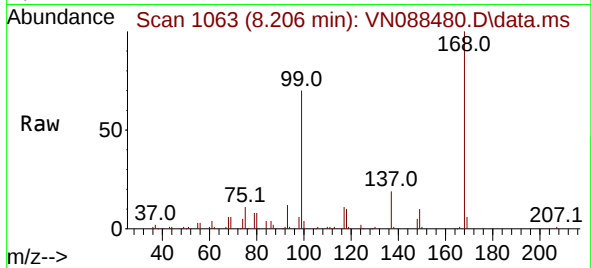




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

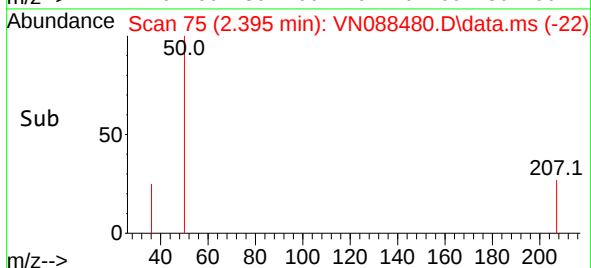
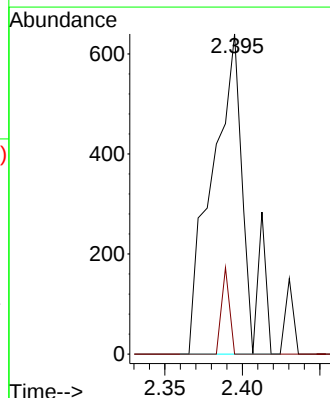
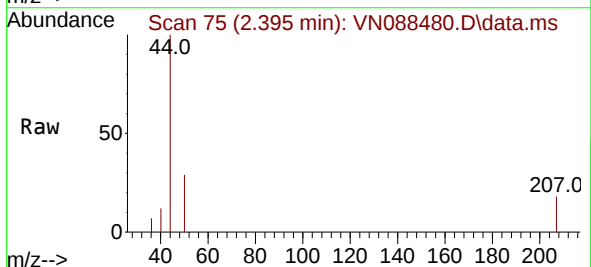
Instrument :
MSVOA_N
ClientSampleId :
72-11966

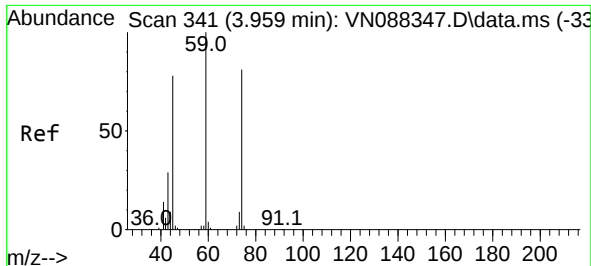
Tgt Ion:168 Resp: 250332
Ion Ratio Lower Upper
168 100
99 70.0 57.1 85.7



#3
Chloromethane
Concen: 0.232 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.012 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 50 Resp: 937
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#

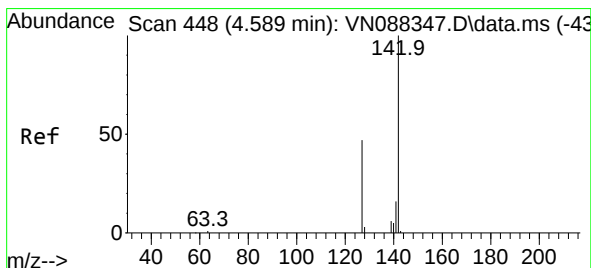
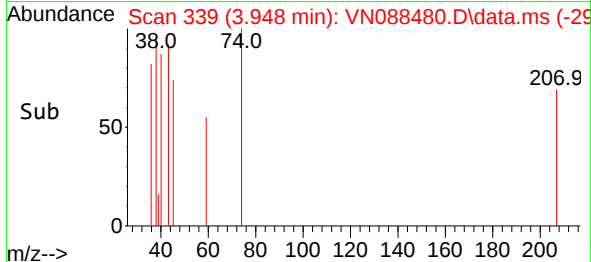
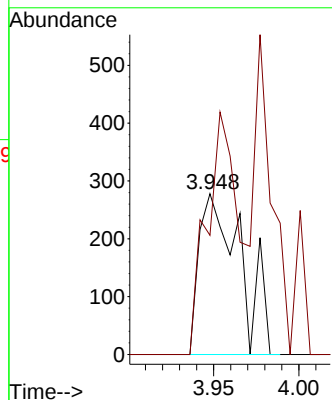
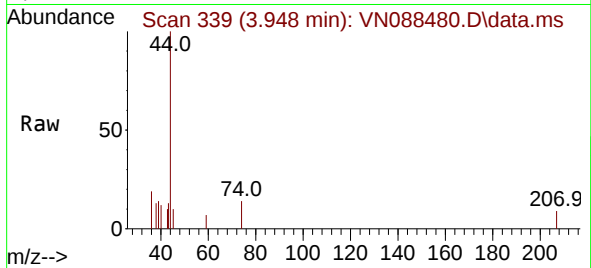




#8
Diethyl Ether
Concen: 0.217 ug/l
RT: 3.948 min Scan# 31
Delta R.T. -0.011 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

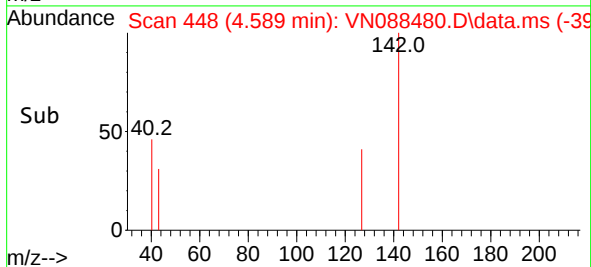
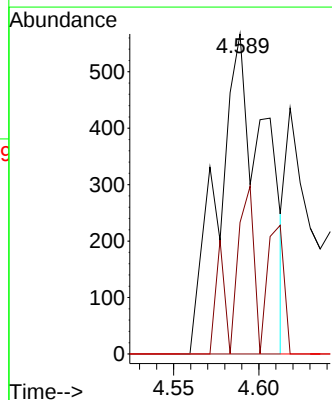
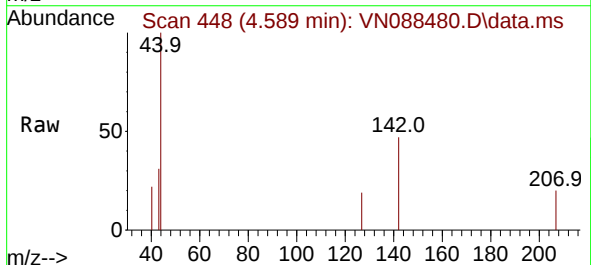
Instrument :
MSVOA_N
ClientSampleId :
72-11966

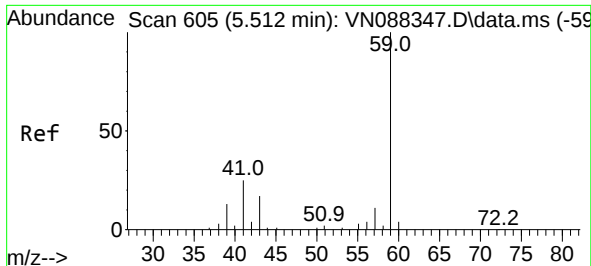
Tgt Ion: 74 Resp: 470
Ion Ratio Lower Upper
74 100
45 118.7 54.2 162.6



#10
Methyl Iodide
Concen: 0.361 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:142 Resp: 1098
Ion Ratio Lower Upper
142 100
127 41.1 37.9 56.9
141 0.0 12.4 18.6#

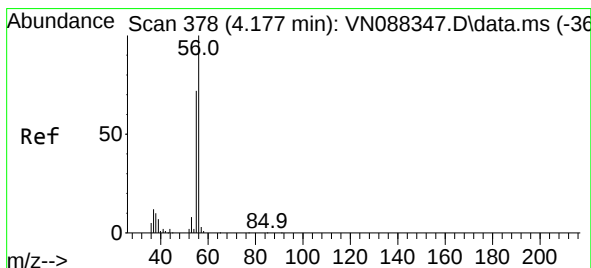
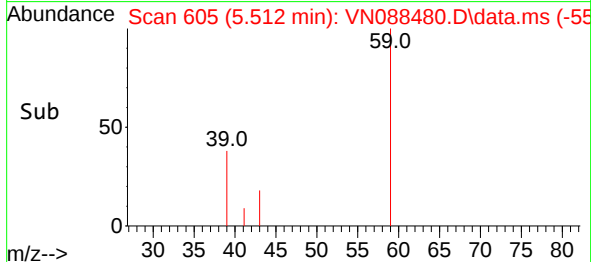
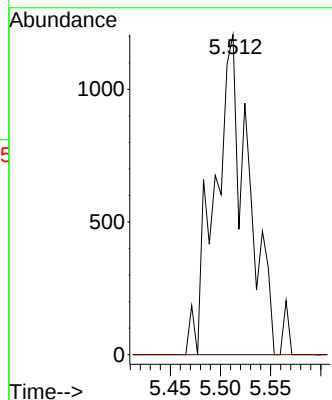
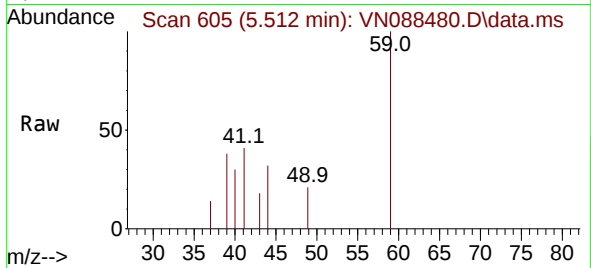




#11
Tert butyl alcohol
Concen: 3.708 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

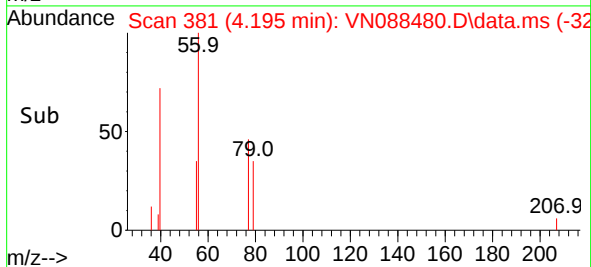
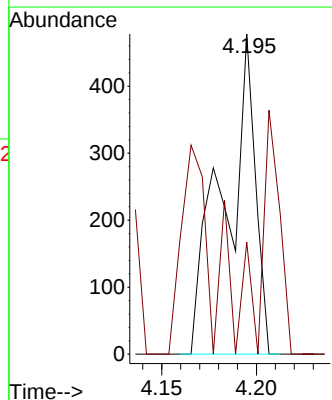
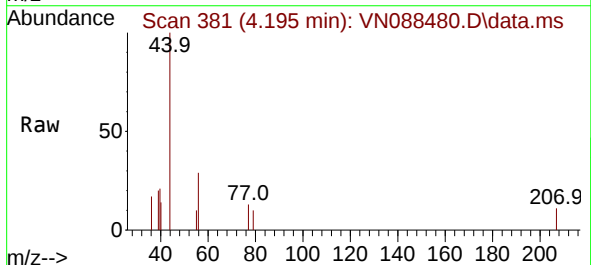
Instrument :
MSVOA_N
ClientSampleId :
72-11966

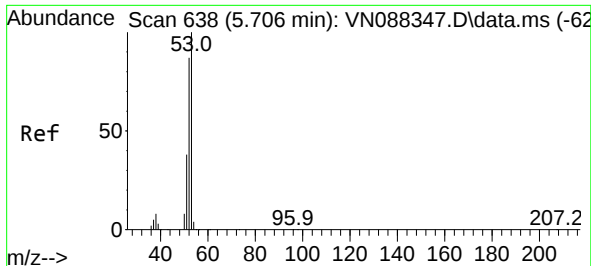
Tgt Ion: 59 Resp: 2792
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.749 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 56 Resp: 540
Ion Ratio Lower Upper
56 100
55 48.5 56.3 84.5#

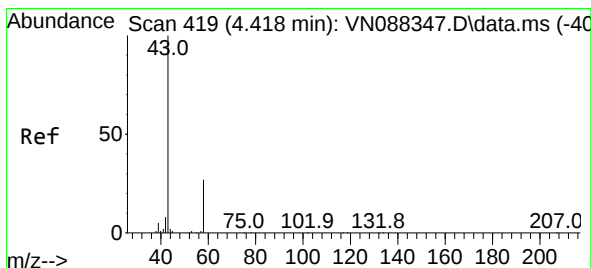
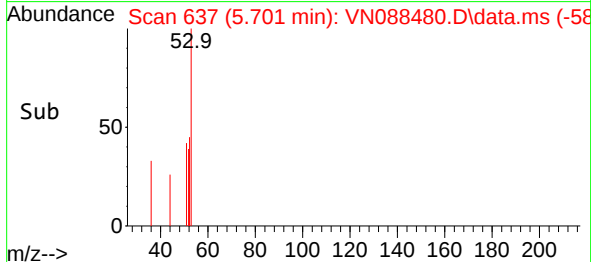
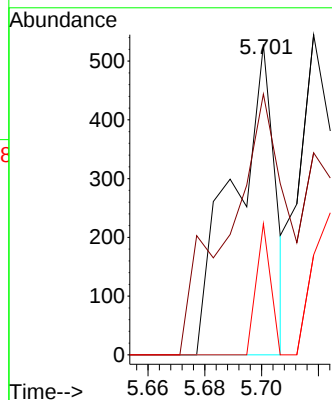
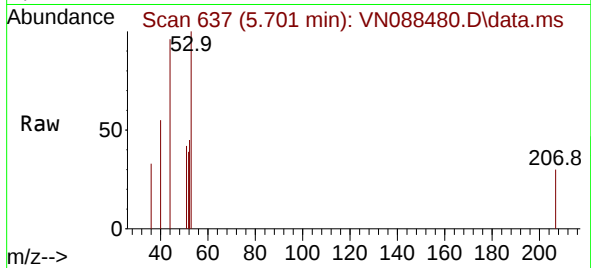




#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 5.701 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

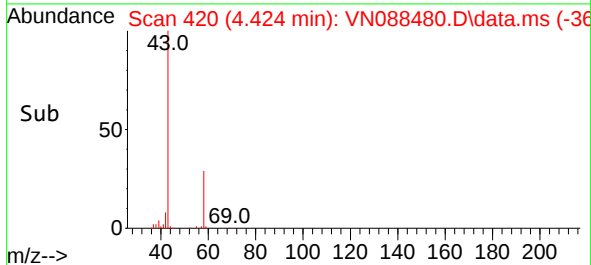
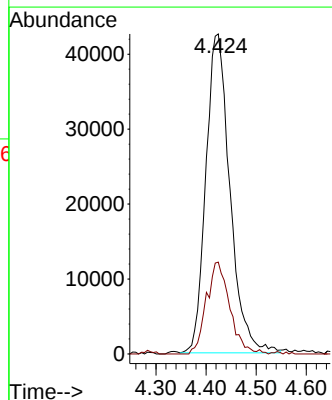
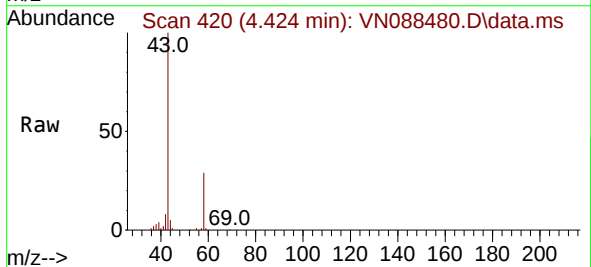
Instrument :
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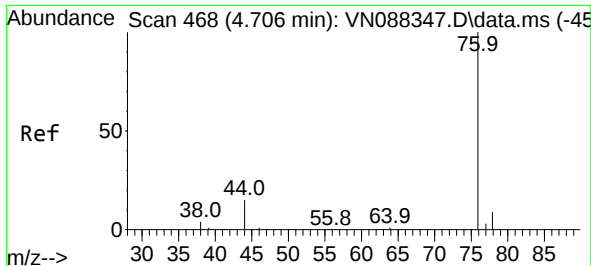
Tgt Ion: 53 Resp: 544
Ion Ratio Lower Upper
53 100
52 116.0 67.8 101.6#
51 14.5 29.8 44.8#



#16
Acetone
Concen: 83.265 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 43 Resp: 142005
Ion Ratio Lower Upper
43 100
58 28.8 21.7 32.5

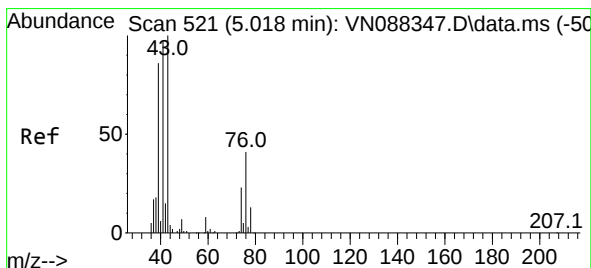
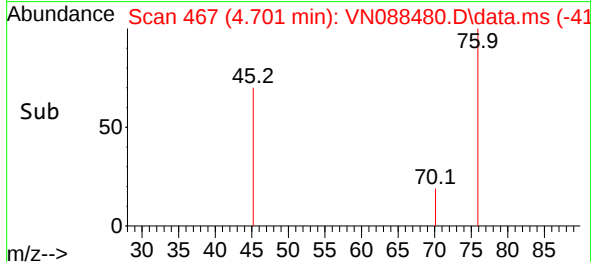
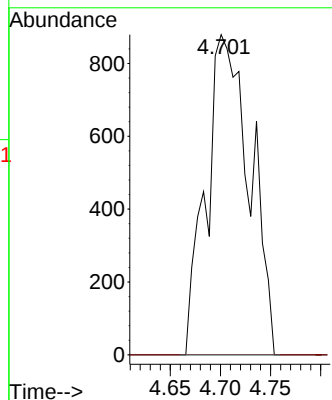
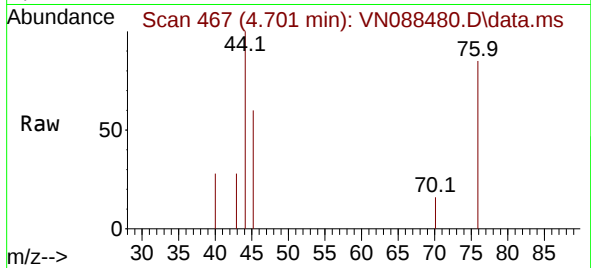




#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.005 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

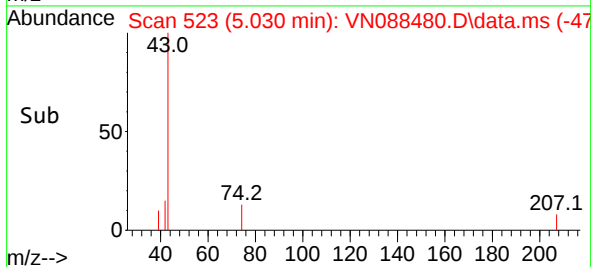
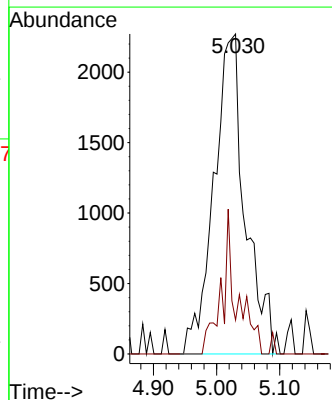
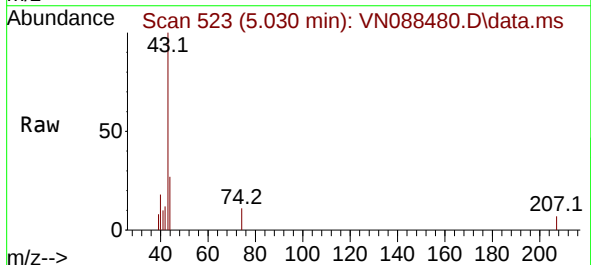
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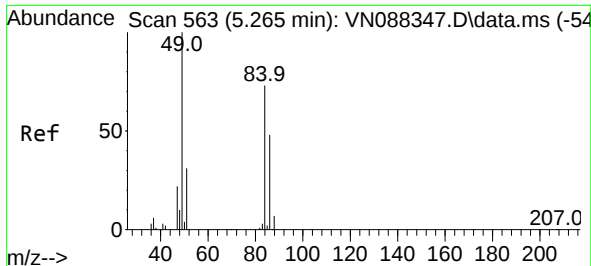
Tgt Ion: 76 Resp: 2647
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 1.542 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

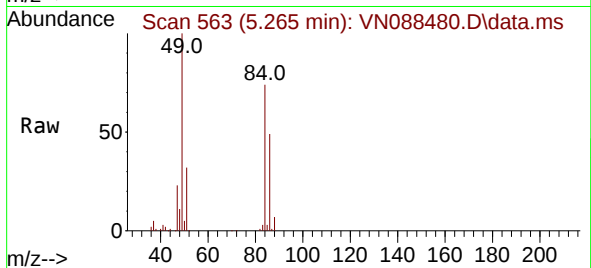
Tgt Ion: 43 Resp: 7830
Ion Ratio Lower Upper
43 100
74 14.4 17.9 26.9#



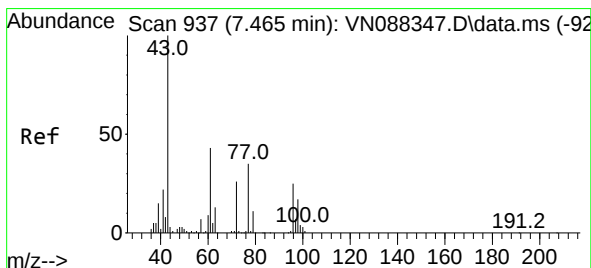
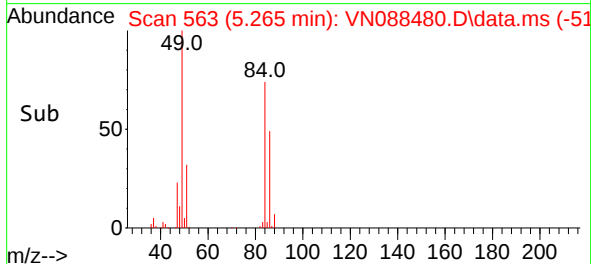
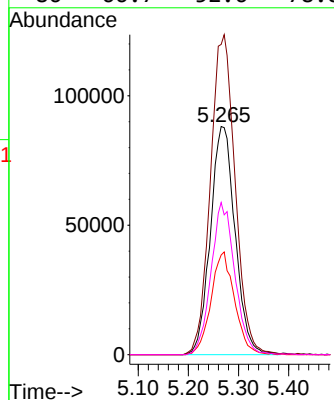


#20
Methylene Chloride
Concen: 82.633 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Instrument :
MSVOA_N
ClientSampleId :
72-11966

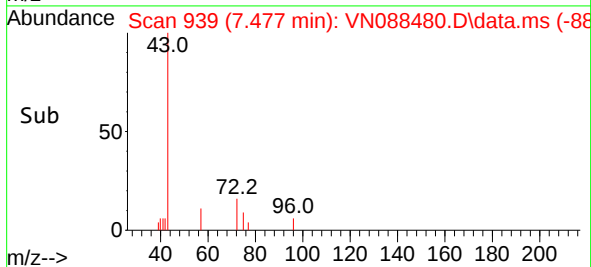
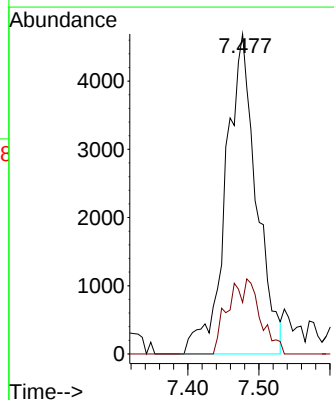
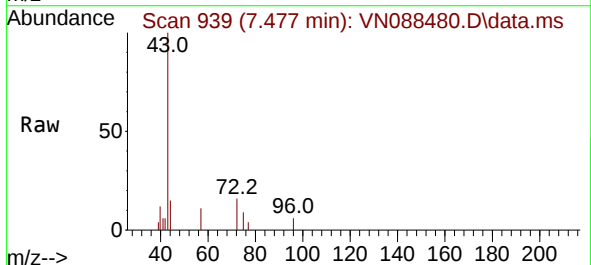


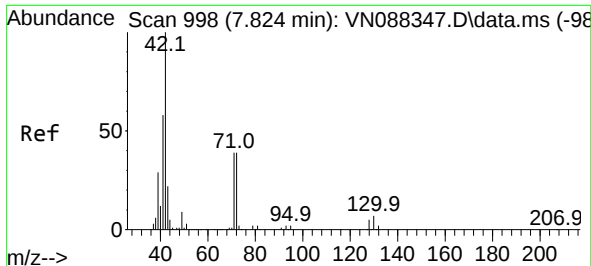
Tgt Ion:	84	Resp:	301518
Ion	Ratio	Lower	Upper
84	100		
49	136.0	110.2	165.2
51	43.7	34.1	51.1
86	66.7	52.6	78.8



#25
2-Butanone
Concen: 5.129 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	43	Resp:	14061
Ion	Ratio	Lower	Upper
43	100		
72	16.1	20.5	30.7#

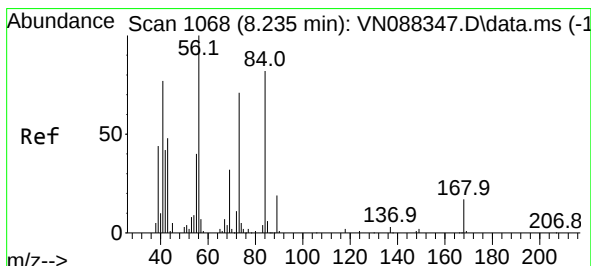
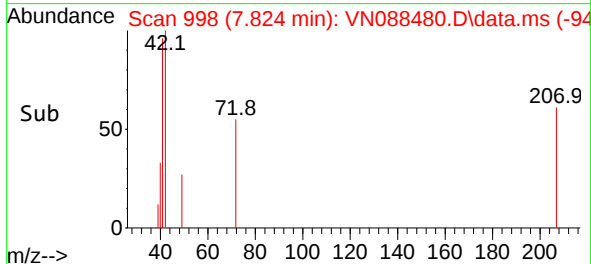
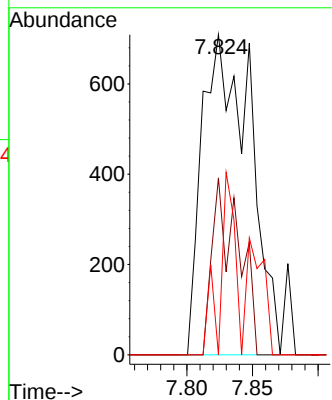
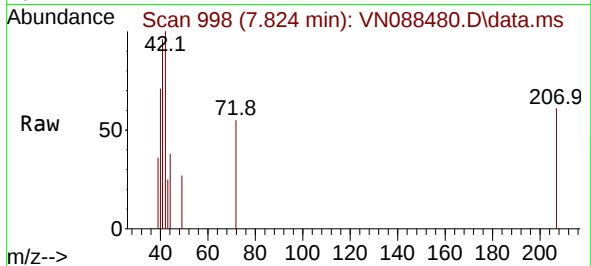




#29
Tetrahydrofuran
Concen: 0.917 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

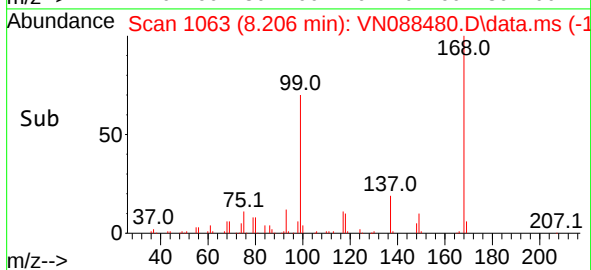
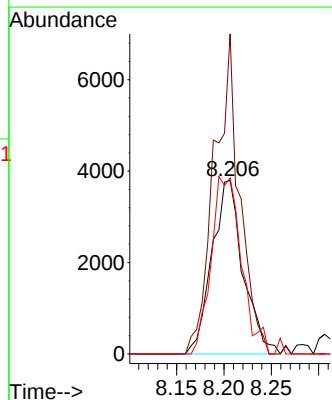
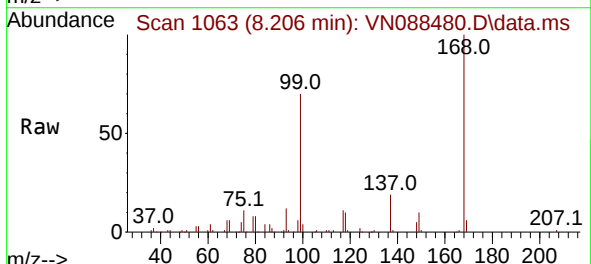
Instrument :
MSVOA_N
ClientSampleId :
72-11966

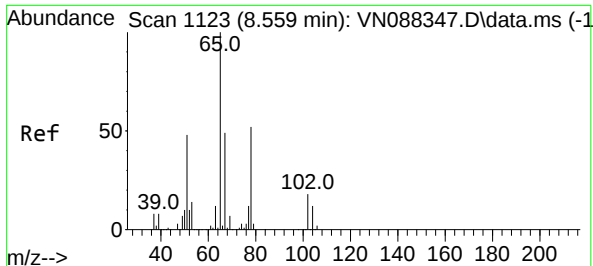
Tgt Ion:	42	Resp:	1804
Ion	Ratio	Lower	Upper
42	100		
72	30.4	32.2	48.4#
71	17.6	31.1	46.7#



#31
Cyclohexane
Concen: 1.400 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	56	Resp:	8684
Ion	Ratio	Lower	Upper
56	100		
69	184.5	25.3	37.9#
84	101.4	65.4	98.2#

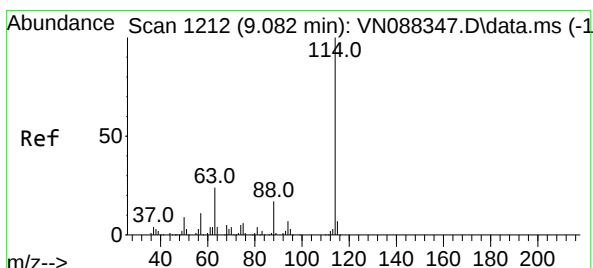
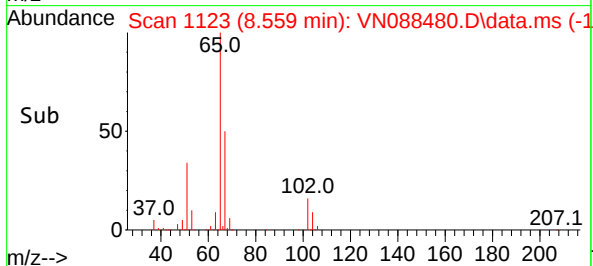
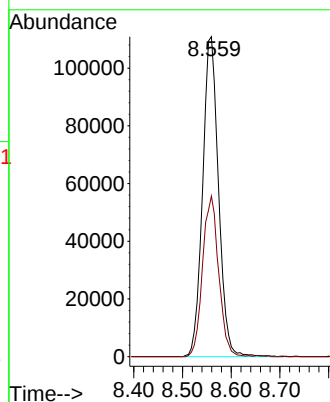
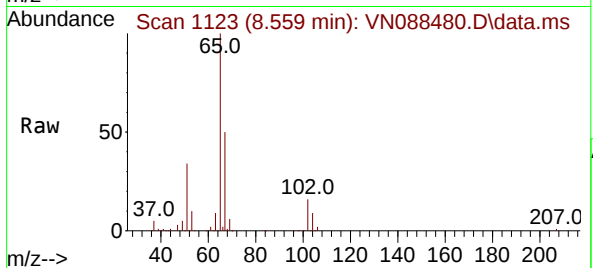




#33
 1,2-Dichloroethane-d4
 Concen: 53.236 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

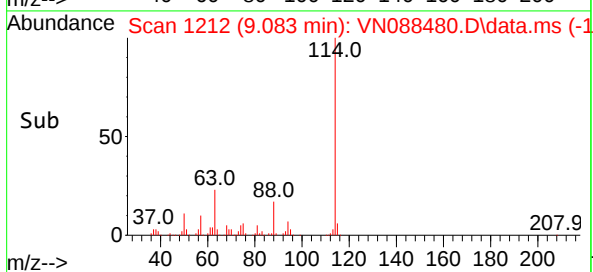
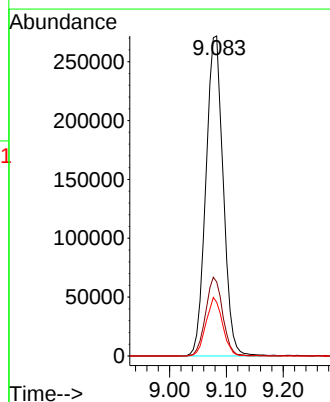
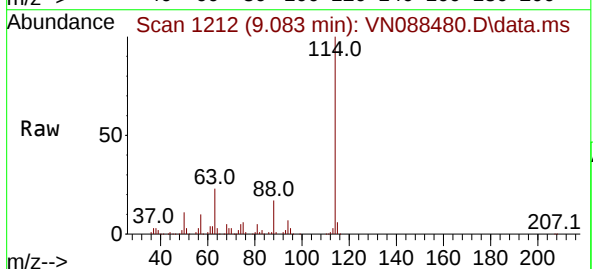
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11966

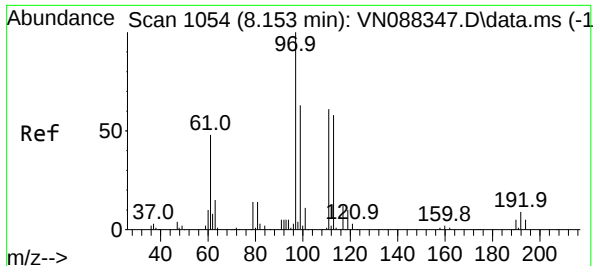
Tgt Ion: 65 Resp: 251050
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

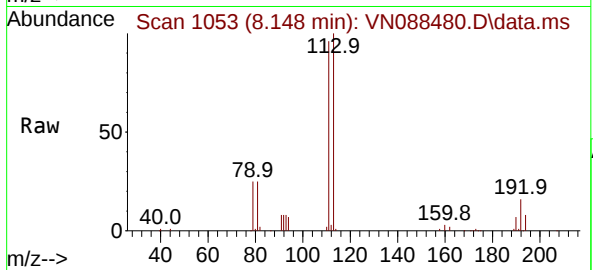
Tgt Ion: 114 Resp: 573177
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 49.0
 88 16.8 0.0 34.0



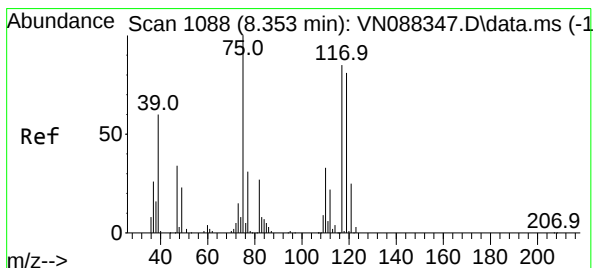
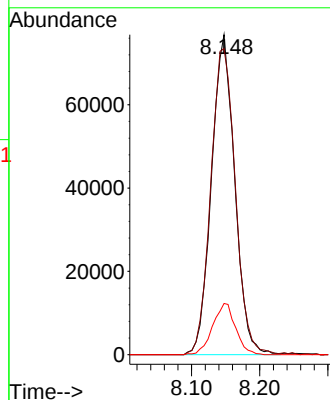
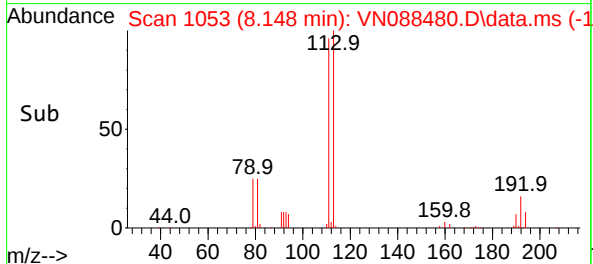


#35
 Dibromofluoromethane
 Concen: 45.863 ug/l
 RT: 8.148 min Scan# 1053
 Delta R.T. -0.005 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11966

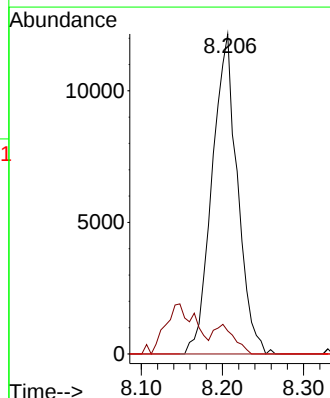
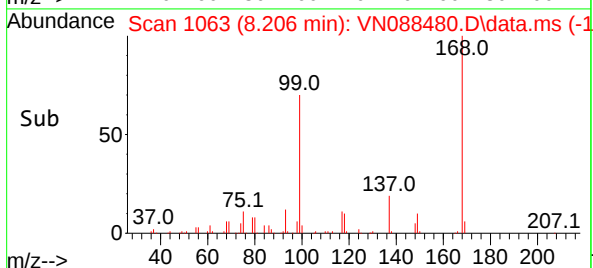
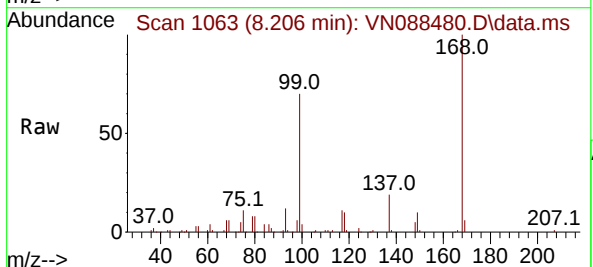


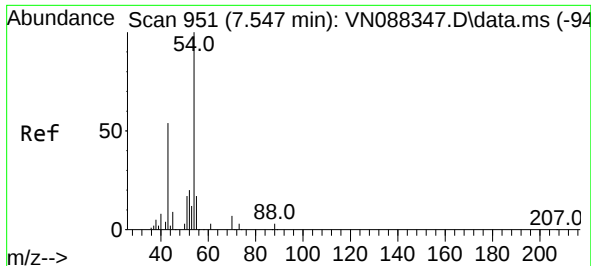
Tgt Ion:113 Resp: 182174
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.5 123.7
 192 15.8 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.309 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.147 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

Tgt Ion: 75 Resp: 26418
 Ion Ratio Lower Upper
 75 100
 110 7.4 15.8 47.4#
 77 0.0 24.2 36.2#

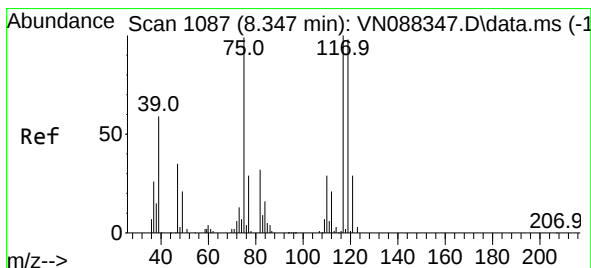
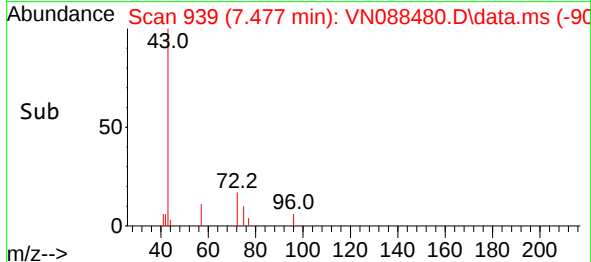
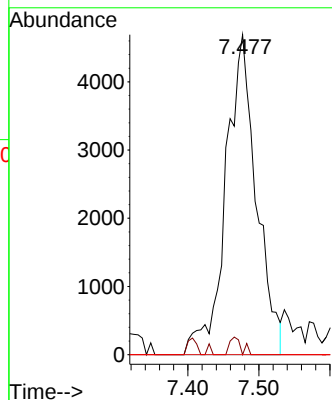
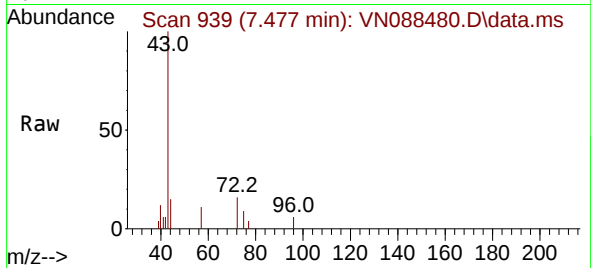




#37
Ethyl Acetate
Concen: 1.744 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.070 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

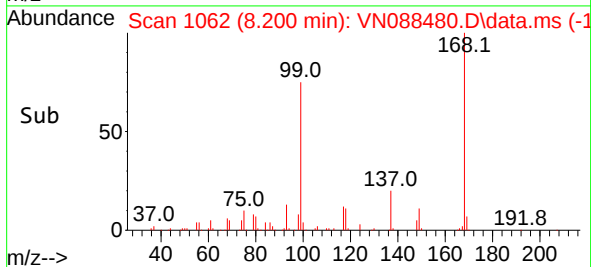
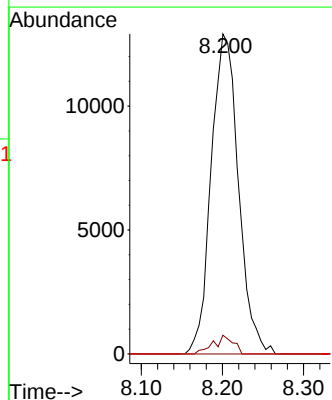
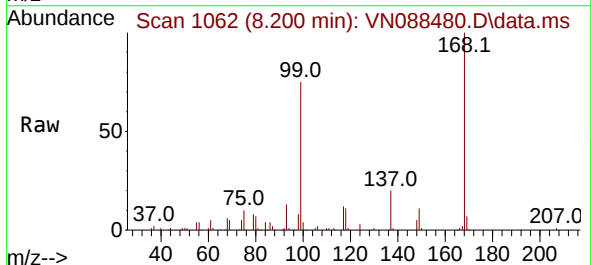
Instrument :
MSVOA_N
ClientSampleId :
72-11966

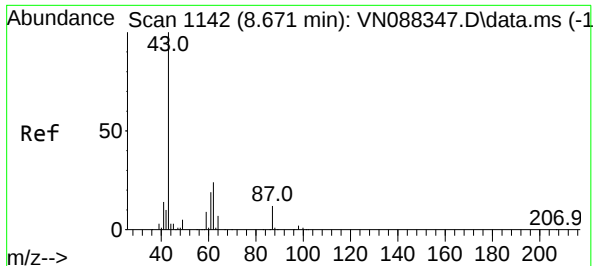
Tgt Ion: 43 Resp: 14061
Ion Ratio Lower Upper
43 100
61 2.1 9.5 14.3#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.147 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 117 Resp: 30144
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.4#
121 0.0 23.4 35.2#

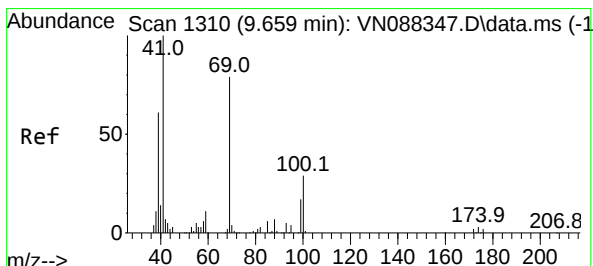
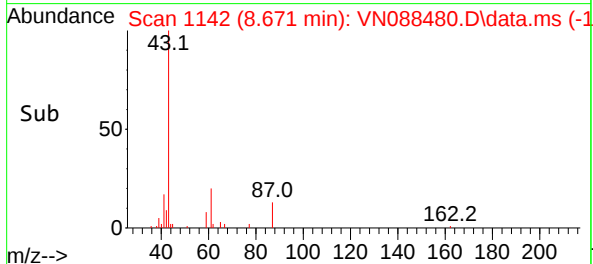
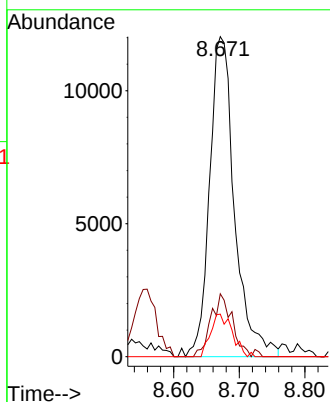
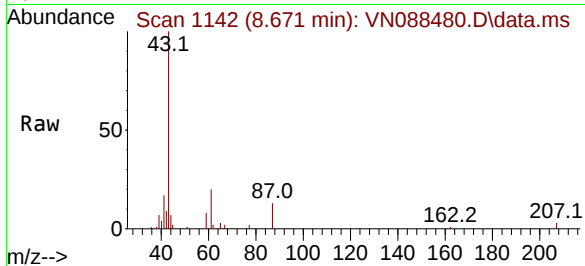




#43
Isopropyl Acetate
Concen: 2.589 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

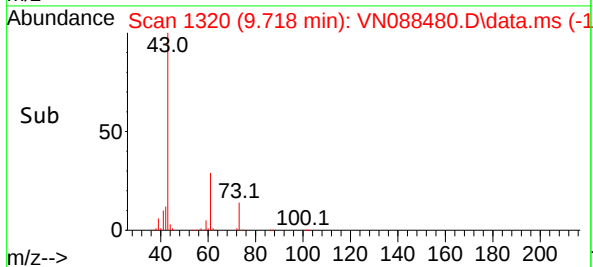
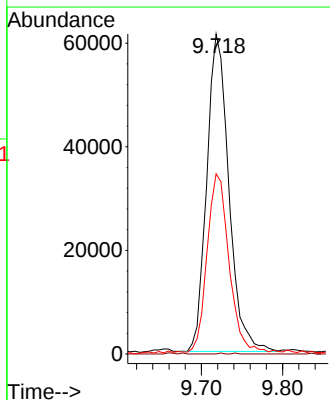
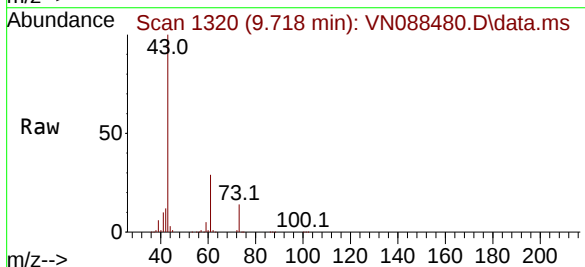
Instrument :
MSVOA_N
ClientSampleId :
72-11966

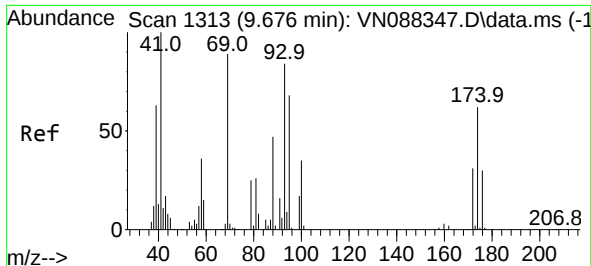
Tgt Ion: 43 Resp: 31882
Ion Ratio Lower Upper
43 100
61 16.6 18.7 28.1#
87 11.6 9.1 13.7



#48
Methyl methacrylate
Concen: 20.608 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.059 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 41 Resp: 115797
Ion Ratio Lower Upper
41 100
69 0.1 62.4 93.6#
39 55.2 52.6 79.0





#49

1,4-Dioxane

Concen: 11.433 ug/l

RT: 9.695 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN088480.D

Acq: 09 Dec 2025 15:42

Instrument :

MSVOA_N

ClientSampleId :

72-11966

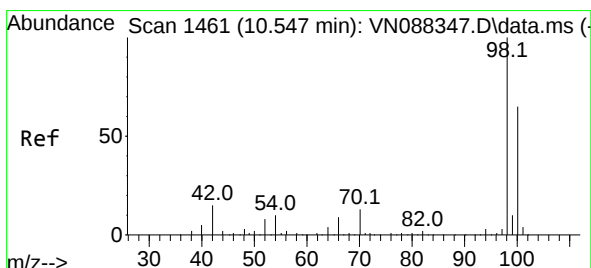
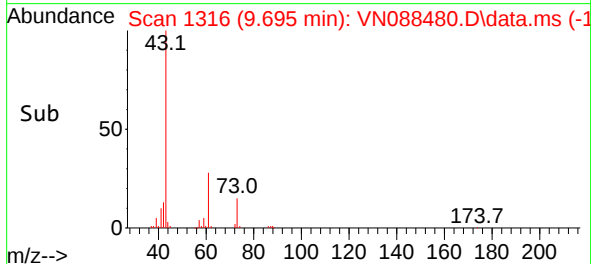
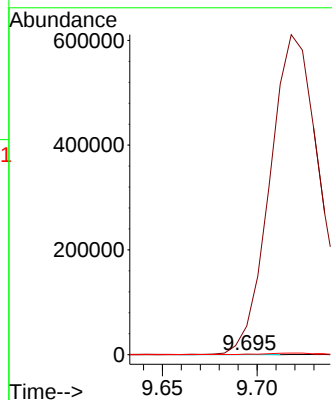
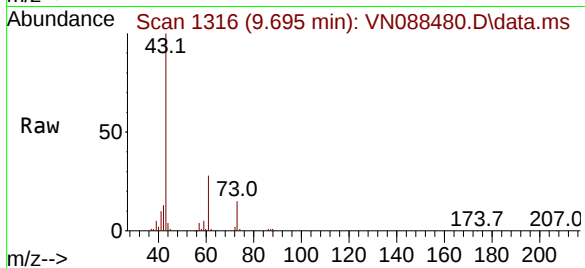
Tgt Ion: 88 Resp: 817

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 62.0 93.0#



#50

Toluene-d8

Concen: 45.822 ug/l

RT: 10.542 min Scan# 1460

Delta R.T. -0.005 min

Lab File: VN088480.D

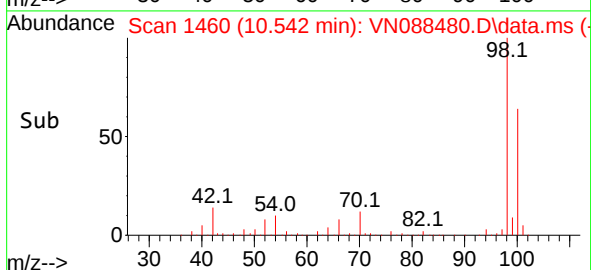
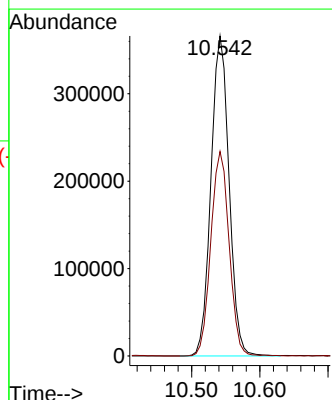
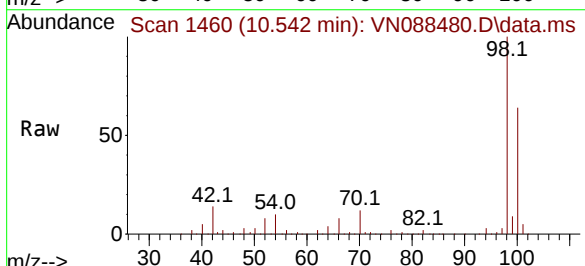
Acq: 09 Dec 2025 15:42

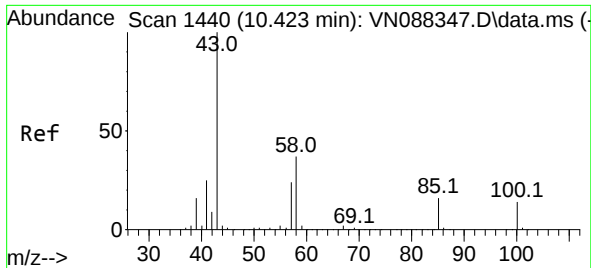
Tgt Ion: 98 Resp: 677211

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.437 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088480.D

Acq: 09 Dec 2025 15:42

Instrument :

MSVOA_N

ClientSampleId :

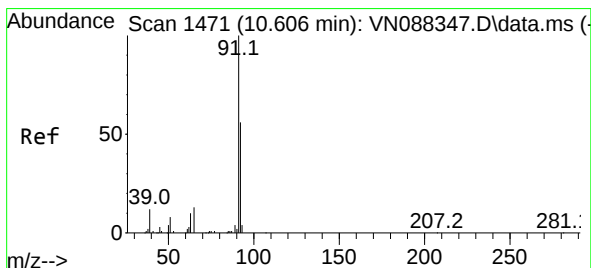
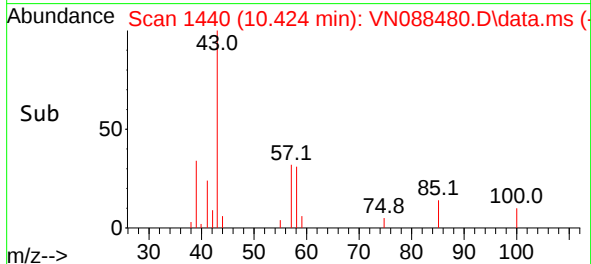
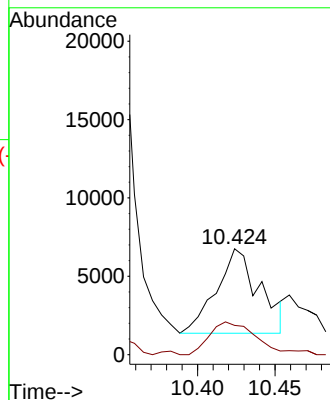
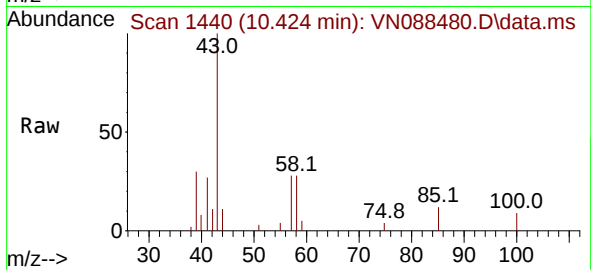
72-11966

Tgt Ion: 43 Resp: 10431

Ion Ratio Lower Upper

43 100

58 42.8 29.1 43.7



#52

Toluene

Concen: 0.971 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088480.D

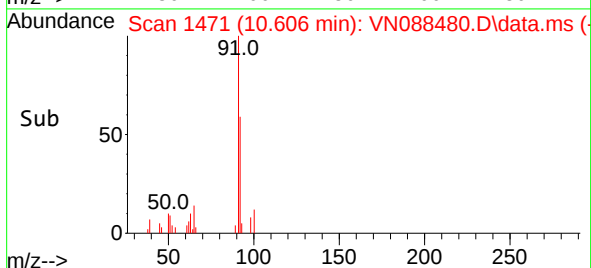
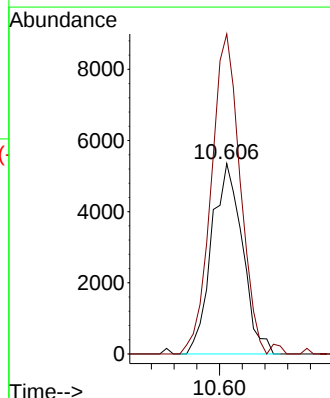
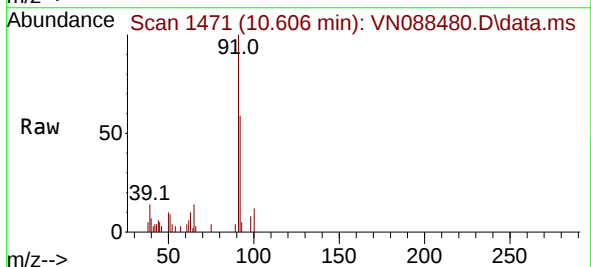
Acq: 09 Dec 2025 15:42

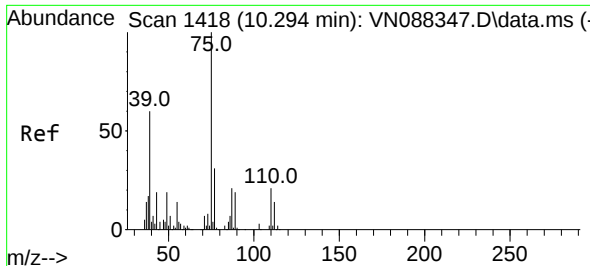
Tgt Ion: 92 Resp: 10089

Ion Ratio Lower Upper

92 100

91 157.1 140.2 210.2

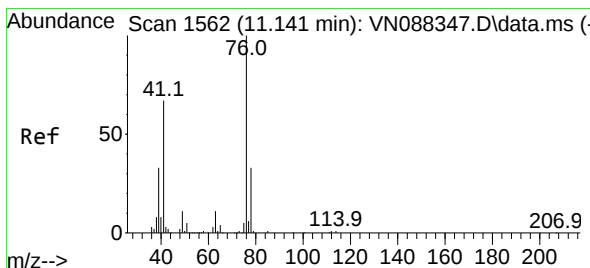
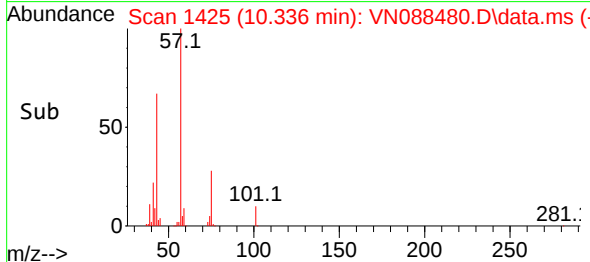
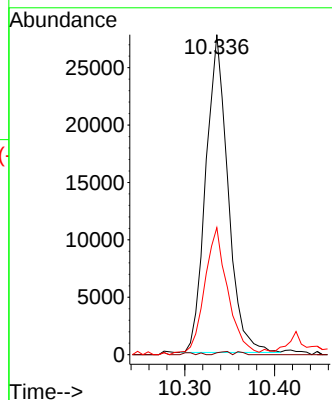
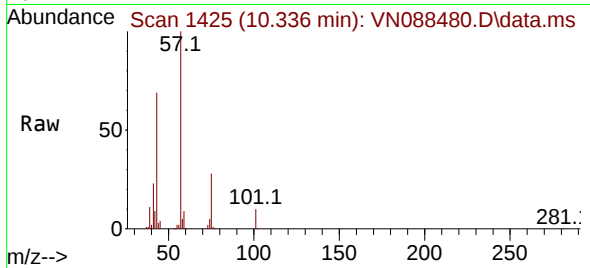




#54
cis-1,3-Dichloropropene
Concen: 6.561 ug/l
RT: 10.336 min Scan# 1418
Delta R.T. 0.042 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

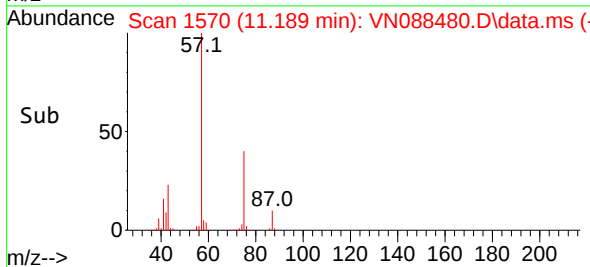
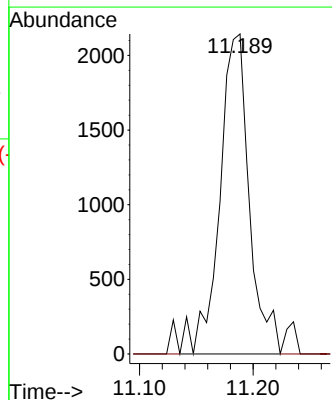
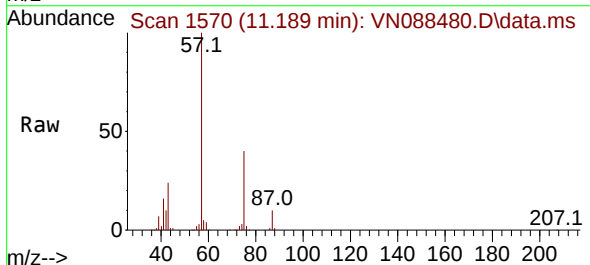
Instrument :
MSVOA_N
ClientSampleId :
72-11966

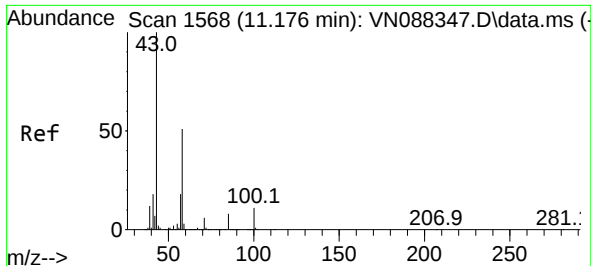
Tgt Ion: 75 Resp: 47536
Ion Ratio Lower Upper
75 100
77 0.6 24.5 36.7#
39 39.1 48.3 72.5#



#57
1,3-Dichloropropane
Concen: 0.538 ug/l
RT: 11.189 min Scan# 1570
Delta R.T. 0.047 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 76 Resp: 3903
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

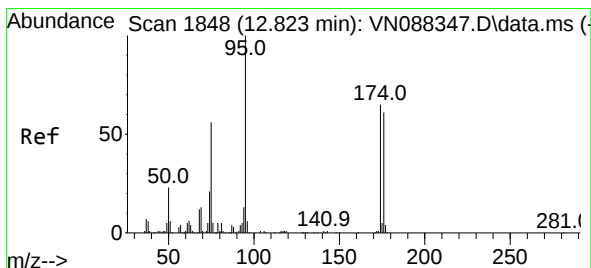
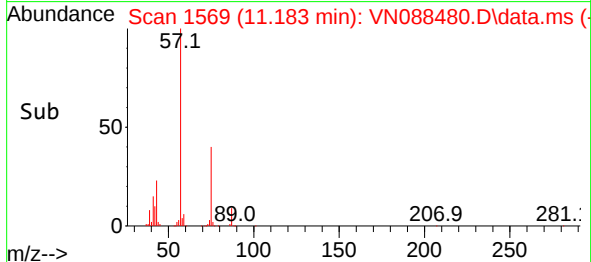
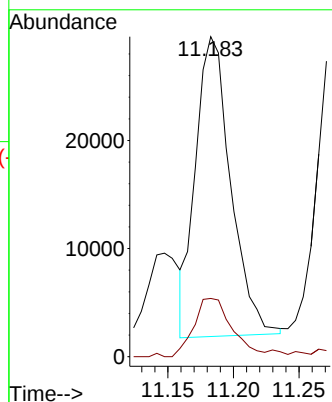
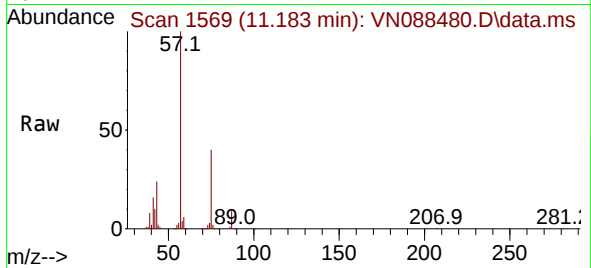




#59
2-Hexanone
Concen: 11.306 ug/l
RT: 11.183 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

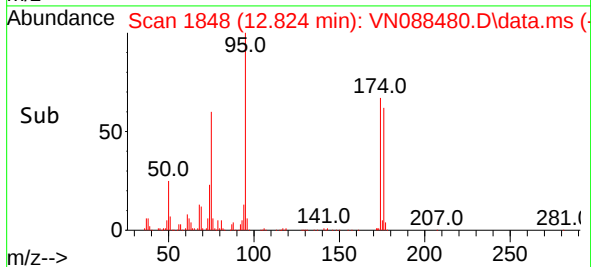
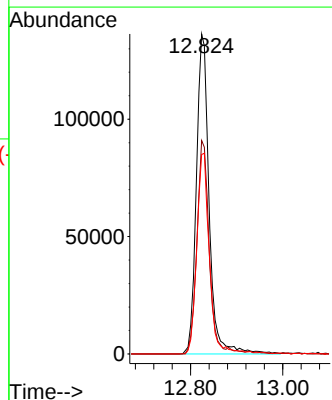
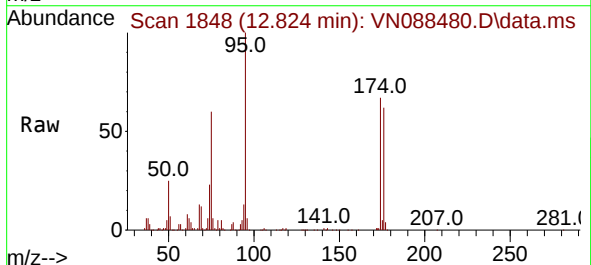
Instrument :
MSVOA_N
ClientSampleId :
72-11966

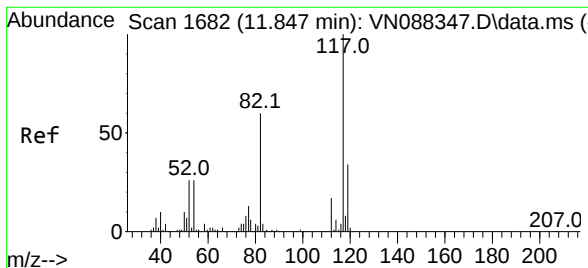
Tgt Ion: 43 Resp: 51703
Ion Ratio Lower Upper
43 100
58 21.8 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 51.559 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 95 Resp: 261456
Ion Ratio Lower Upper
95 100
174 64.4 0.0 139.0
176 62.2 0.0 132.4

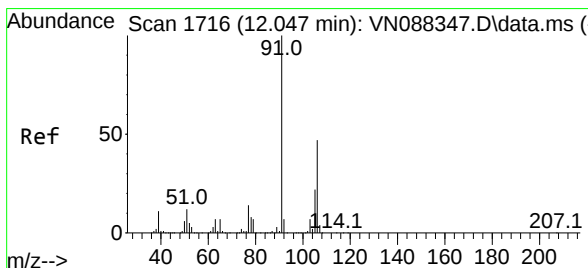
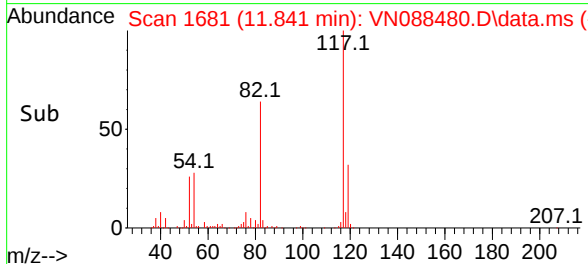
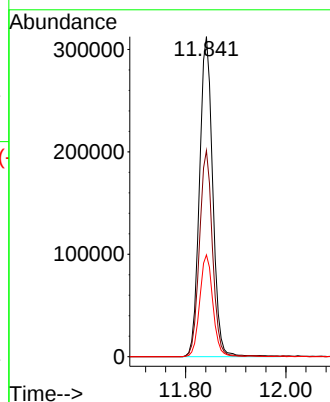
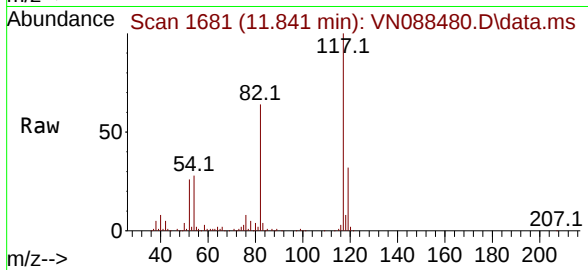




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.005 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

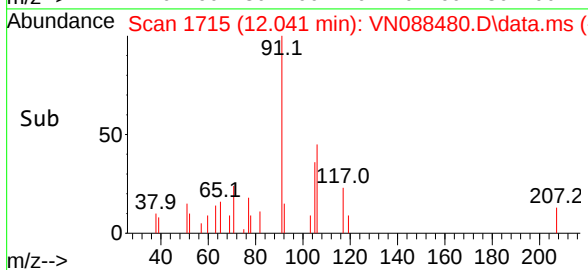
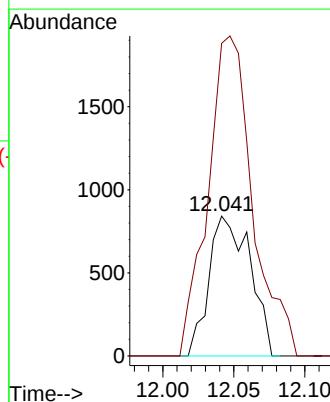
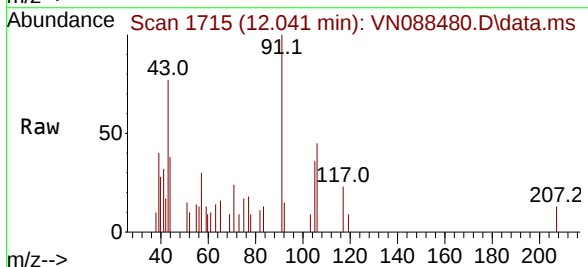
Instrument :
MSVOA_N
ClientSampleId :
72-11966

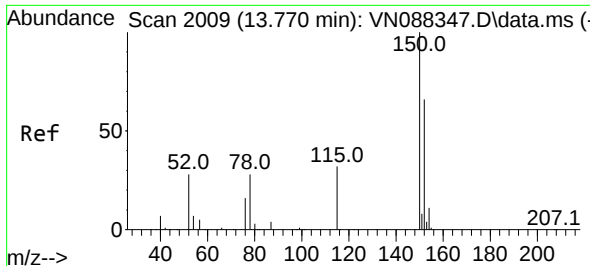
Tgt Ion:117 Resp: 570736
Ion Ratio Lower Upper
117 100
82 64.4 47.8 71.8
119 31.8 26.9 40.3



#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. -0.005 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:106 Resp: 1700
Ion Ratio Lower Upper
106 100
91 248.4 167.8 251.6

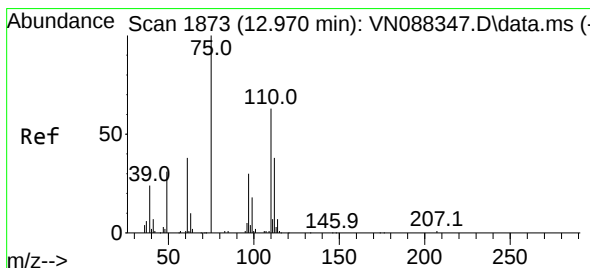
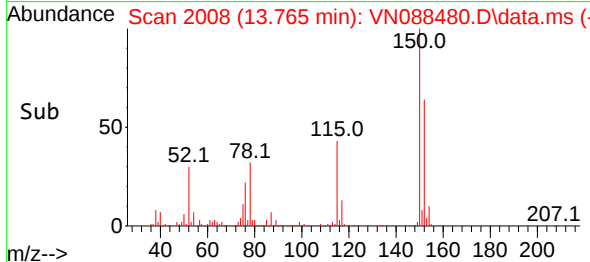
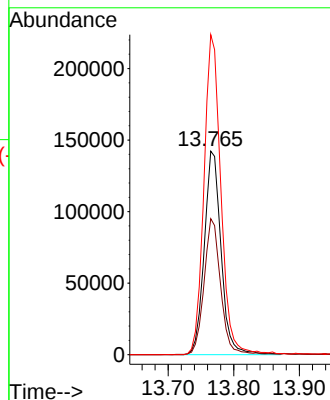
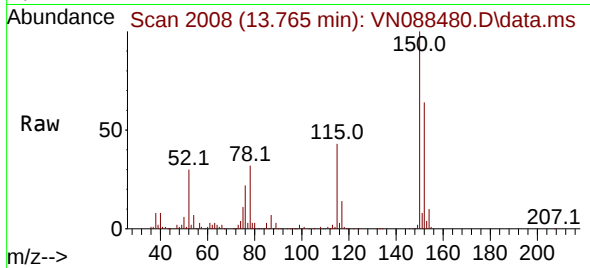




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.765 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

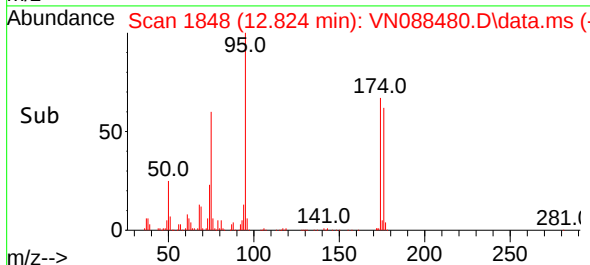
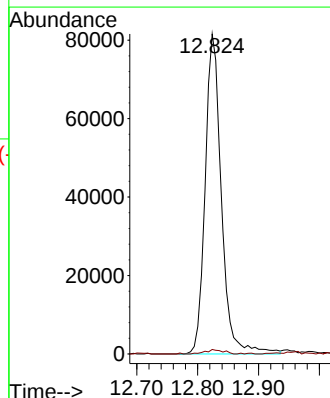
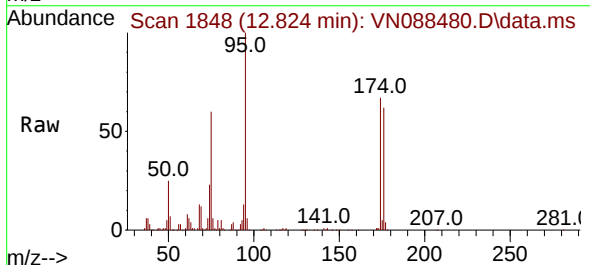
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11966

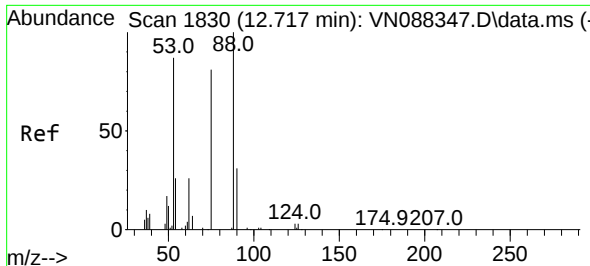
Tgt Ion:152 Resp: 254618
 Ion Ratio Lower Upper
 152 100
 115 65.8 33.0 98.9
 150 158.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.372 ug/l
 RT: 12.824 min Scan# 1848
 Delta R.T. -0.147 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

Tgt Ion: 75 Resp: 151306
 Ion Ratio Lower Upper
 75 100
 77 1.5 87.2 261.6#

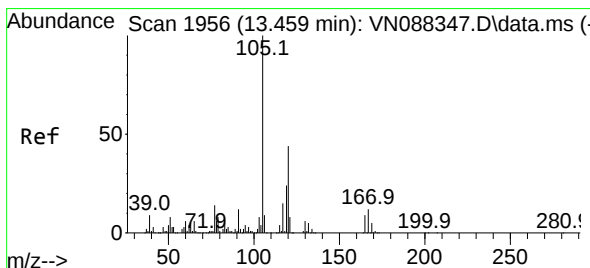
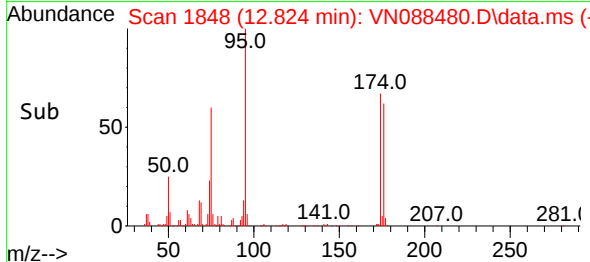
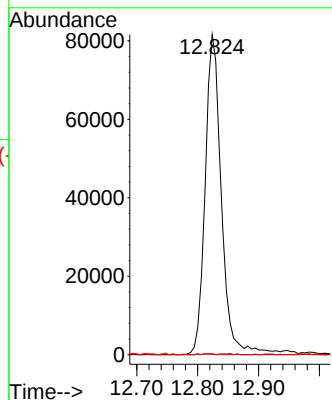
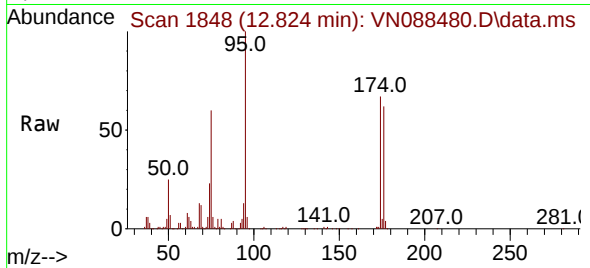




#81
trans-1,4-Dichloro-2-butene
Concen: 71.978 ug/l
RT: 12.824 min Scan# 1848
Delta R.T. 0.106 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

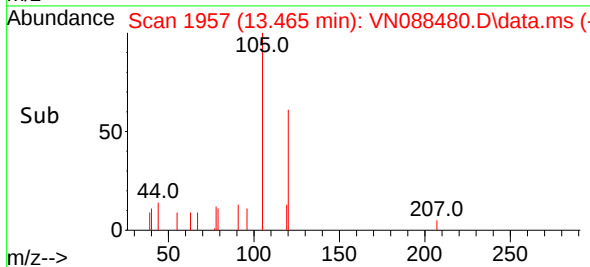
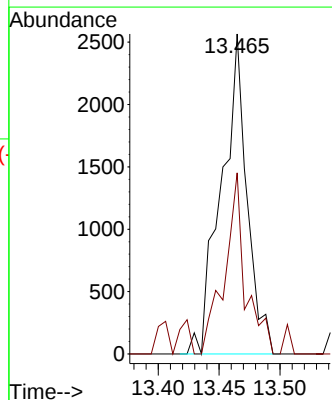
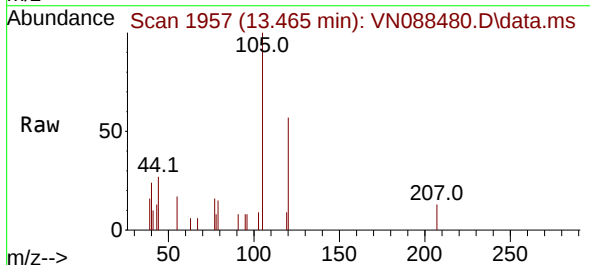
Instrument :
MSVOA_N
ClientSampleId :
72-11966

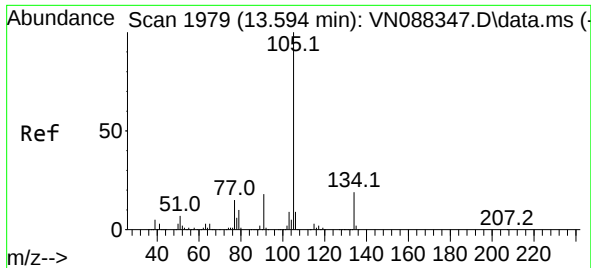
Tgt Ion: 75 Resp: 151306
Ion Ratio Lower Upper
75 100
53 0.2 92.2 138.4#
89 0.2 0.0 0.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.243 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion: 105 Resp: 3763
Ion Ratio Lower Upper
105 100
120 46.3 22.1 66.1

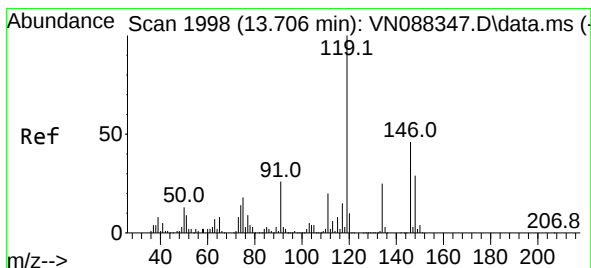
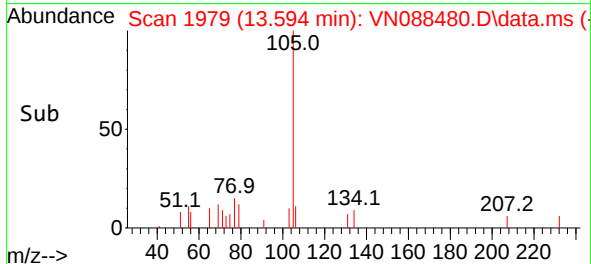
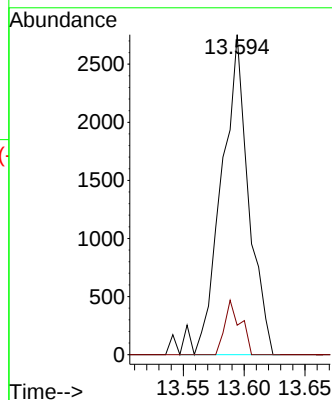
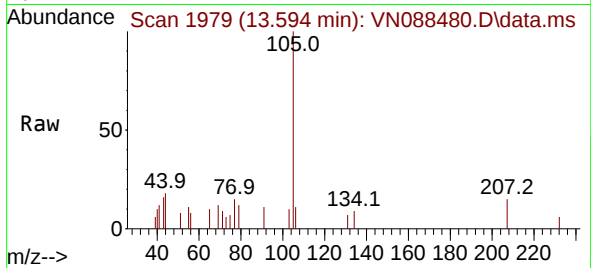




#85
 sec-Butylbenzene
 Concen: 0.226 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

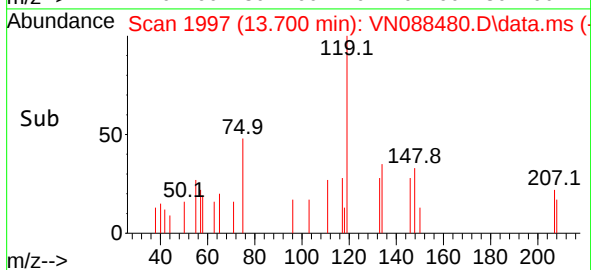
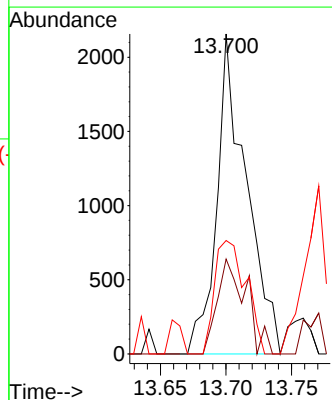
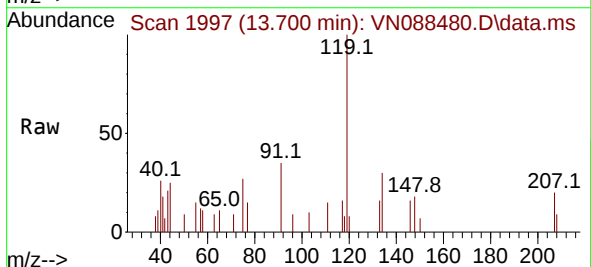
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11966

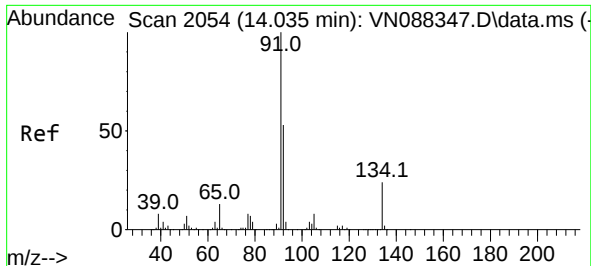
Tgt Ion:105 Resp: 4301
 Ion Ratio Lower Upper
 105 100
 134 9.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 0.216 ug/l
 RT: 13.700 min Scan# 1997
 Delta R.T. -0.005 min
 Lab File: VN088480.D
 Acq: 09 Dec 2025 15:42

Tgt Ion:119 Resp: 3379
 Ion Ratio Lower Upper
 119 100
 134 28.9 12.2 36.6
 91 37.7 13.0 39.0

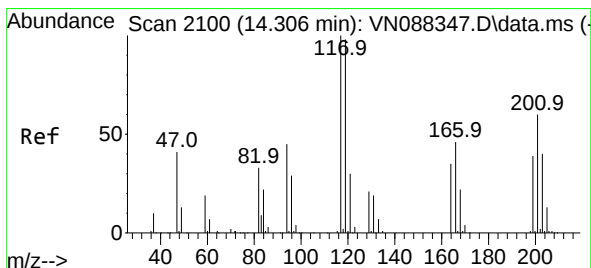
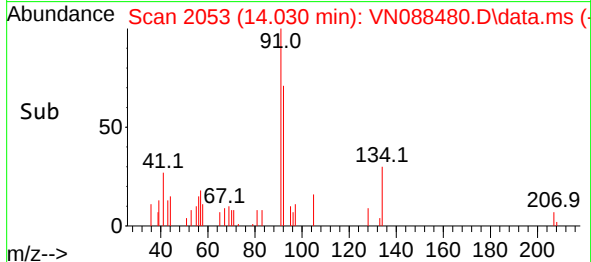
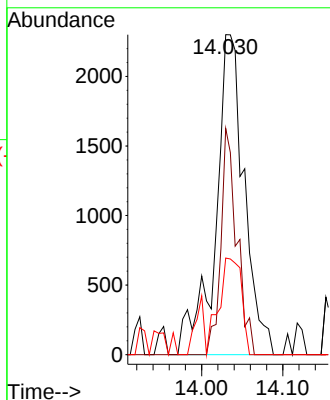
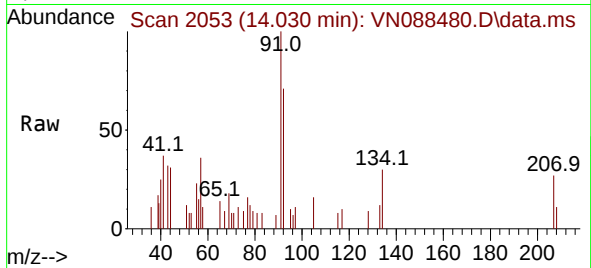




#89
n-Butylbenzene
Concen: 0.373 ug/l
RT: 14.030 min Scan# 2053
Delta R.T. -0.005 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

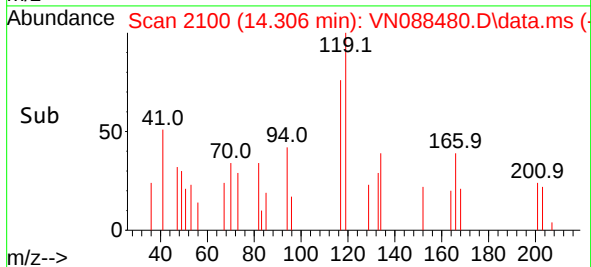
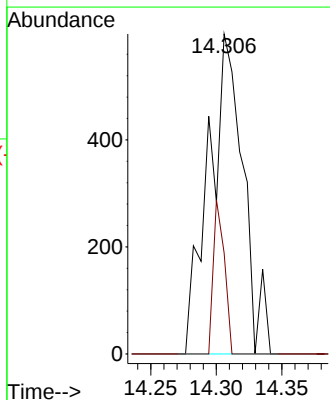
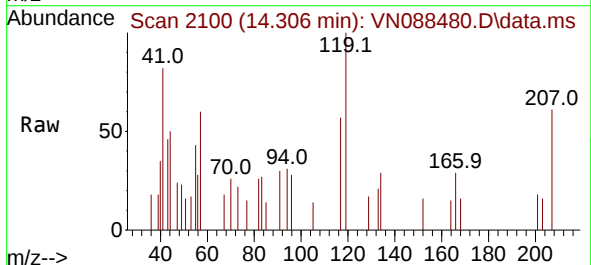
Instrument :
MSVOA_N
ClientSampleId :
72-11966

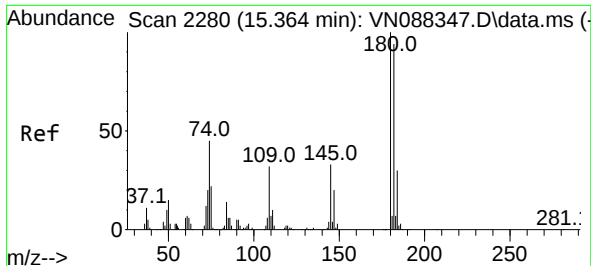
Tgt Ion:	91	Resp:	5656
Ion	Ratio	Lower	Upper
91	100		
92	39.5	26.1	78.3
134	23.8	11.7	35.1



#90
Hexachloroethane
Concen: 0.381 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	117	Resp:	1088
Ion	Ratio	Lower	Upper
117	100		
201	15.4	30.3	90.9#

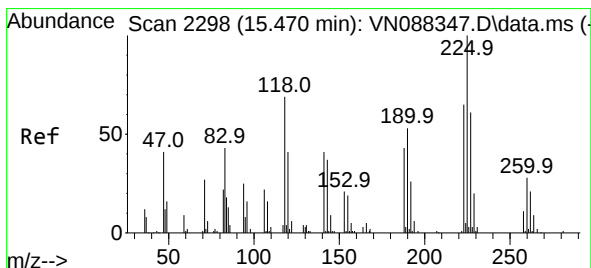
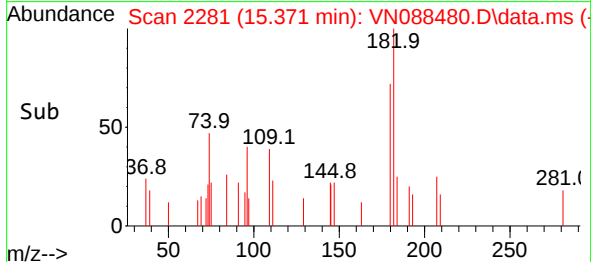
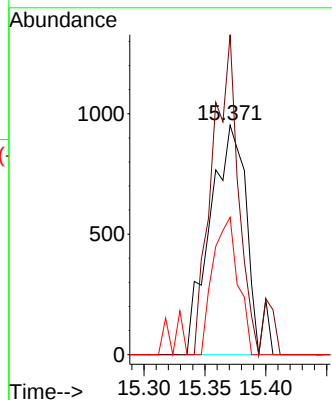
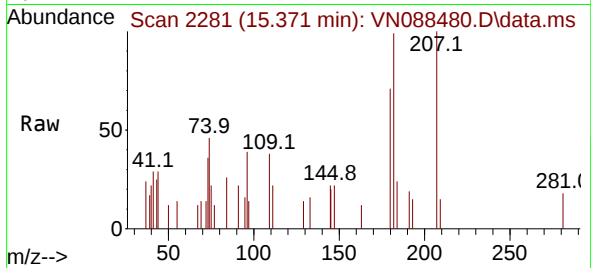




#93
1,2,4-Trichlorobenzene
Concen: 0.428 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

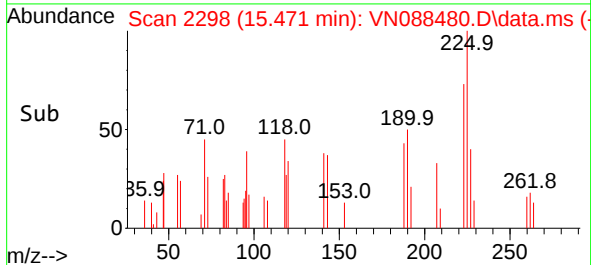
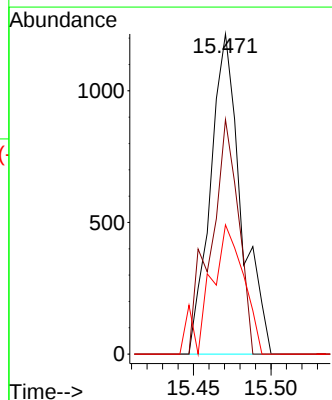
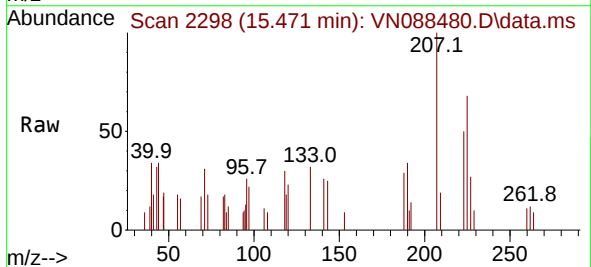
Instrument :
MSVOA_N
ClientSampleId :
72-11966

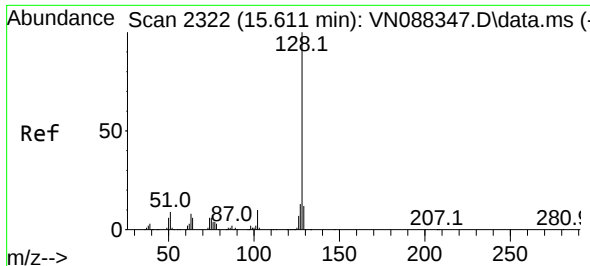
Tgt Ion:180 Resp: 2008
Ion Ratio Lower Upper
180 100
182 98.1 46.1 138.2
145 40.9 16.7 50.1



#94
Hexachlorobutadiene
Concen: 0.990 ug/l
RT: 15.471 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:225 Resp: 1668
Ion Ratio Lower Upper
225 100
223 66.2 32.3 96.8
227 44.7 29.9 89.8

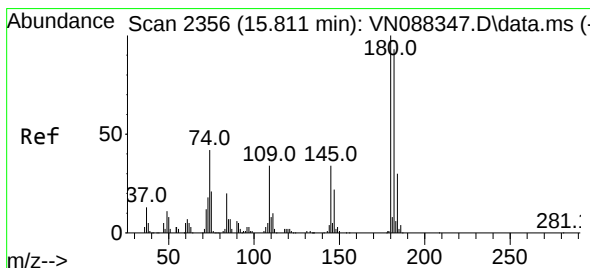
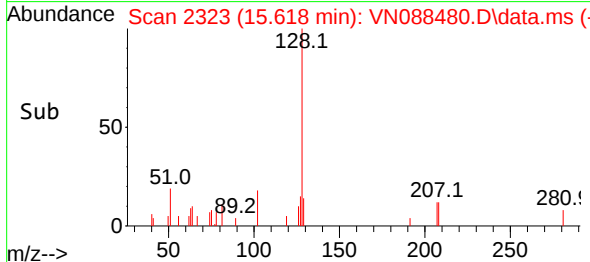
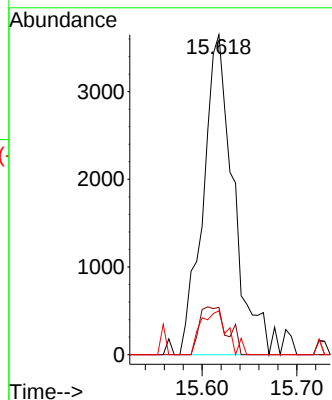
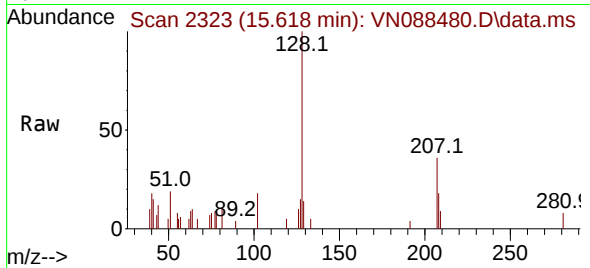




#95
Naphthalene
Concen: 0.505 ug/l
RT: 15.618 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Instrument :
MSVOA_N
ClientSampleId :
72-11966

Tgt Ion:	128	Resp:	8211
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.0	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 0.499 ug/l
RT: 15.818 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088480.D
Acq: 09 Dec 2025 15:42

Tgt Ion:	180	Resp:	2275
Ion	Ratio	Lower	Upper
180	100		
182	87.3	45.9	137.7
145	39.3	17.8	53.4

