

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038896.D
 Acq On : 15 Jul 2025 12:00
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 16 02:50:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	593200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1015315	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	944328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	446776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	395598	54.581	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.160%	
35) Dibromofluoromethane	4.497	113	331060	47.824	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 95.640%	
50) Toluene-d8	7.236	98	1159238	55.401	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	10.001	95	429694	50.977	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 101.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	10055	1.929	ug/l	100
3) Chloromethane	1.230	50	10903	1.937	ug/l	98
4) Vinyl Chloride	1.294	62	12058	1.872	ug/l	97
5) Bromomethane	1.490	94	11955	2.475	ug/l	96
6) Chloroethane	1.555	64	8943	2.077	ug/l	97
7) Trichlorofluoromethane	1.725	101	23113	2.028	ug/l	97
8) Diethyl Ether	1.921	74	9080	2.215	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.079	101	12159	1.784	ug/l	93
10) Methyl Iodide	2.198	142	13406	1.713	ug/l	98
11) Tert butyl alcohol	2.574	59	16990	10.182	ug/l	99
12) 1,1-Dichloroethene	2.082	96	13660	2.200	ug/l	92
13) Acrolein	2.018	56	2132	8.835	ug/l #	77
14) Allyl chloride	2.359	41	22901	2.315	ug/l #	87
15) Acrylonitrile	2.677	53	41415	9.699	ug/l	97
16) Acetone	2.124	43	33809	10.780	ug/l	91
17) Carbon Disulfide	2.252	76	30190	2.330	ug/l	98
18) Methyl Acetate	2.381	43	17999	1.696	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	45018	1.933	ug/l	97
20) Methylene Chloride	2.455	84	15674	1.970	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	13979	2.116	ug/l	95
22) Diisopropyl ether	3.224	45	36602	1.852	ug/l #	84
23) Vinyl Acetate	3.195	43	140765	9.081	ug/l	94
24) 1,1-Dichloroethane	3.121	63	26404	2.039	ug/l	97
25) 2-Butanone	3.896	43	37327	8.304	ug/l	93
26) 2,2-Dichloropropane	3.812	77	22023	1.943	ug/l	95
27) cis-1,2-Dichloroethene	3.825	96	14852	1.957	ug/l	95
28) Bromochloromethane	4.156	49	11572	2.309	ug/l	97
29) Tetrahydrofuran	4.249	42	22599	7.628	ug/l	93
30) Chloroform	4.278	83	26962	1.889	ug/l	91
31) Cyclohexane	4.584	56	27554	3.243	ug/l #	75
32) 1,1,1-Trichloroethane	4.516	97	23421	1.881	ug/l #	85
36) 1,1-Dichloropropene	4.751	75	14568	1.831	ug/l	96
37) Ethyl Acetate	3.998	43	2958	0.316	ug/l #	36
38) Carbon Tetrachloride	4.735	117	18123	1.715	ug/l	97
39) Methylcyclohexane	6.047	83	17443	1.858	ug/l	93
40) Benzene	5.018	78	49635	1.840	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	4467	1.039	ug/l #	80
42) 1,2-Dichloroethane	5.050	62	20375	1.982	ug/l	100
43) Isopropyl Acetate	5.214	43	23051	1.556	ug/l	99
44) Trichloroethene	5.844	130	13175	1.870	ug/l	80
45) 1,2-Dichloropropane	6.098	63	11426	1.604	ug/l	99
46) Dibromomethane	6.236	93	9288	1.685	ug/l	93
47) Bromodichloromethane	6.436	83	20293	1.735	ug/l	91
48) Methyl methacrylate	6.333	41	3620	0.563	ug/l #	63
49) 1,4-Dioxane	6.313	88	4228	30.523	ug/l #	82
51) 4-Methyl-2-Pentanone	7.156	43	76278	7.562	ug/l	91
52) Toluene	7.317	92	31343	1.845	ug/l	96
53) t-1,3-Dichloropropene	7.593	75	17693	1.671	ug/l	97
54) cis-1,3-Dichloropropene	6.963	75	19014	1.662	ug/l	99
55) 1,1,2-Trichloroethane	7.770	97	14281	1.759	ug/l	95
56) Ethyl methacrylate	7.735	69	12462	1.291	ug/l #	82
57) 1,3-Dichloropropane	7.944	76	21561	1.771	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.825	63	38546	6.619	ug/l	97
59) 2-Hexanone	8.079	43	45900	6.113	ug/l	94
60) Dibromochloromethane	8.172	129	16750	1.752	ug/l	96
61) 1,2-Dibromoethane	8.284	107	14831	1.813	ug/l	91
64) Tetrachloroethene	7.902	164	12884	2.080	ug/l	98
65) Chlorobenzene	8.812	112	38967	1.889	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	13671	1.661	ug/l	90
67) Ethyl Benzene	8.944	91	52951	1.728	ug/l	96
68) m/p-Xylenes	9.069	106	38374	3.217	ug/l	96
69) o-Xylene	9.474	106	18605	1.652	ug/l	92
70) Styrene	9.497	104	29106	1.463	ug/l	96
71) Bromoform	9.661	173	11437	1.710	ug/l #	96
73) Isopropylbenzene	9.860	105	47043	1.762	ug/l	100
74) N-amyl acetate	9.735	43	16645	1.702	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.172	83	23480	2.100	ug/l	98
76) 1,2,3-Trichloropropane	10.204	75	15868	1.910	ug/l	94
77) Bromobenzene	10.149	156	15042	2.148	ug/l	96
78) n-propylbenzene	10.281	91	60583	1.942	ug/l	100
79) 2-Chlorotoluene	10.352	91	39372	1.984	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	39674	1.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.001	75	214897	63.132	ug/l #	13
82) 4-Chlorotoluene	10.474	91	39708	1.790	ug/l	96
83) tert-Butylbenzene	10.792	119	42518	1.801	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	36995	1.670	ug/l	95
85) sec-Butylbenzene	11.014	105	51390	1.706	ug/l	97
86) p-Isopropyltoluene	11.172	119	46027	1.800	ug/l	99
87) 1,3-Dichlorobenzene	11.114	146	26787	1.874	ug/l	97
88) 1,4-Dichlorobenzene	11.114	146	26787	1.723	ug/l	96
89) n-Butylbenzene	11.587	91	43684	1.871	ug/l	95
90) Hexachloroethane	11.824	117	11604	1.908	ug/l	96
91) 1,2-Dichlorobenzene	11.574	146	25956	1.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	4532	1.793	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	15126	1.847	ug/l	96
94) Hexachlorobutadiene	13.371	225	8355	1.981	ug/l	97
95) Naphthalene	13.432	128	42176	1.567	ug/l	96
96) 1,2,3-Trichlorobenzene	13.673	180	14198	1.672	ug/l	92

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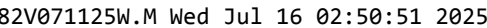
Instrument :
MSVOA_V
ClientSampleId :
MDL02

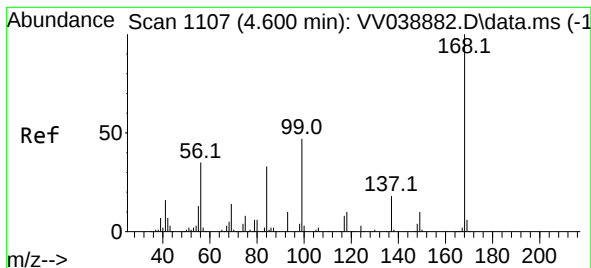
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Quant Title : SW846 8260
QLast Update : Wed Jul 16 02:47:34 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.004 min

Lab File: VV038896.D

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Instrument :

MSVOA_V

ClientSampleId :

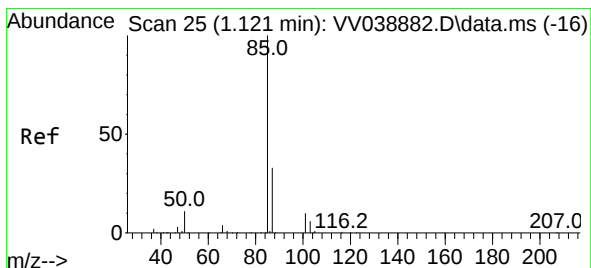
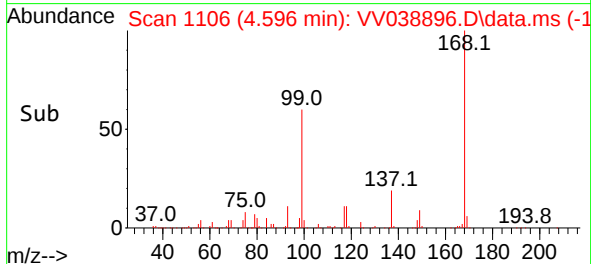
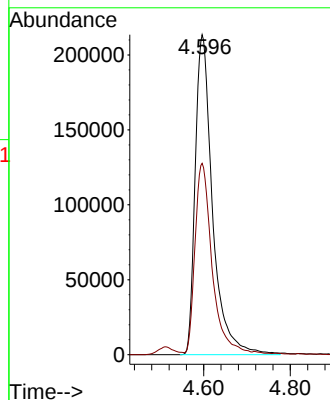
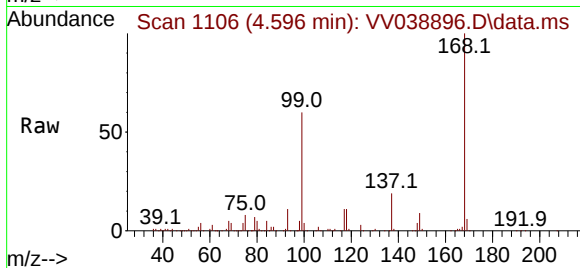
MDL02

Tgt Ion:168 Resp: 593200

Ion Ratio Lower Upper

168 100

99 59.4 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 1.929 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038896.D

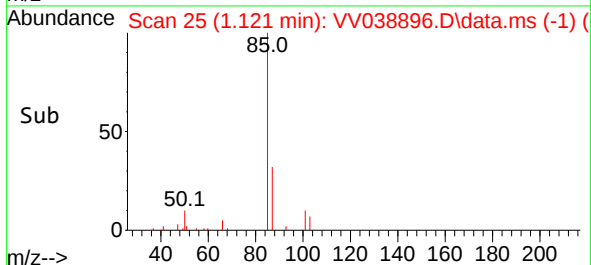
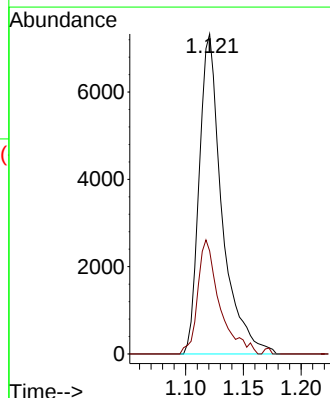
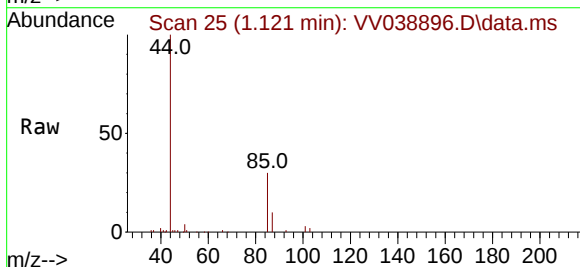
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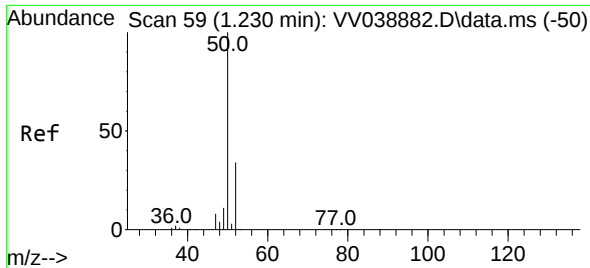
Tgt Ion: 85 Resp: 10055

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8

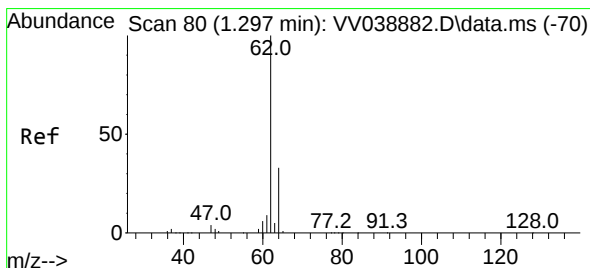
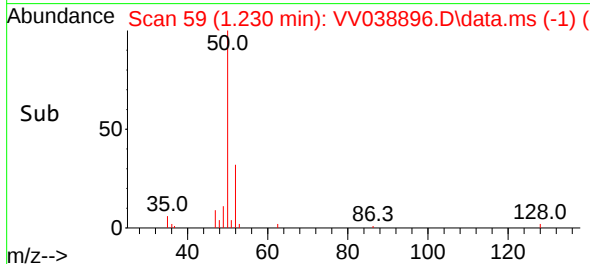
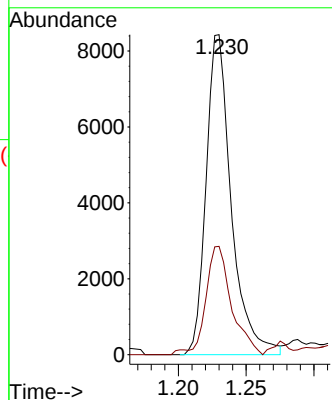
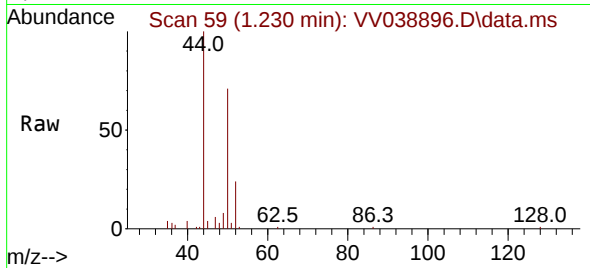




#3
Chloromethane
Concen: 1.937 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

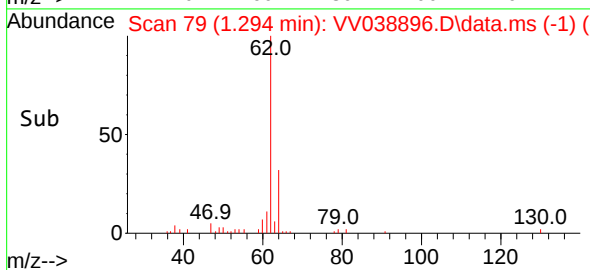
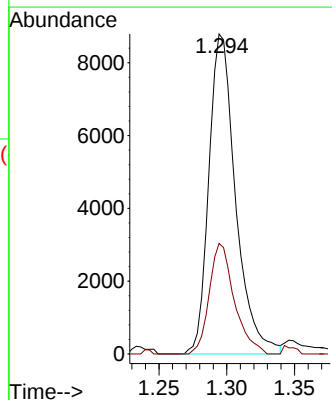
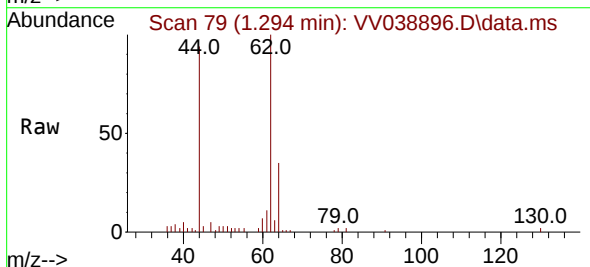
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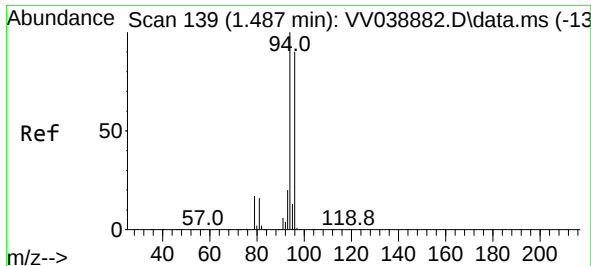
Tgt Ion: 50 Resp: 10903
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3



#4
Vinyl Chloride
Concen: 1.872 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 62 Resp: 12058
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2

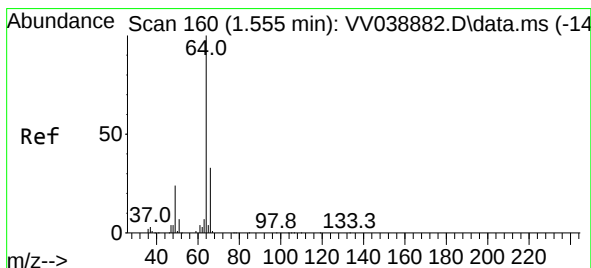
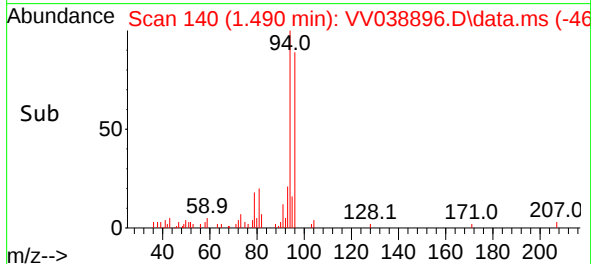
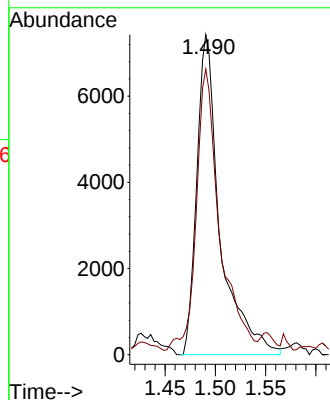
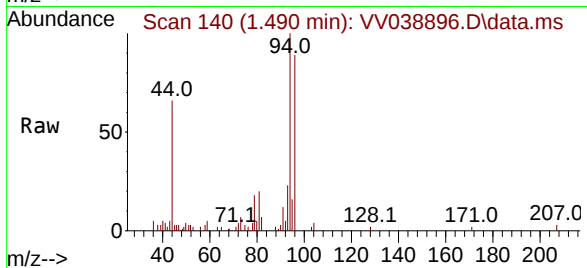




#5
Bromomethane
Concen: 2.475 ug/l
RT: 1.490 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

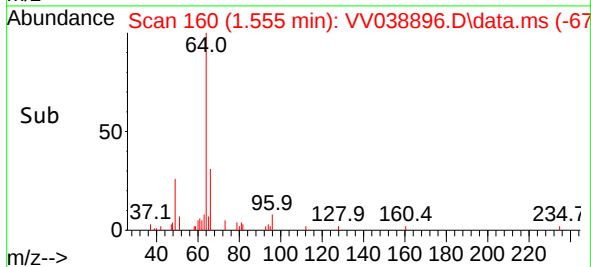
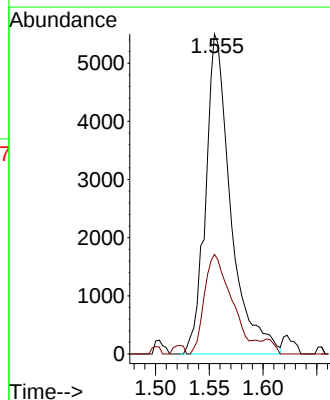
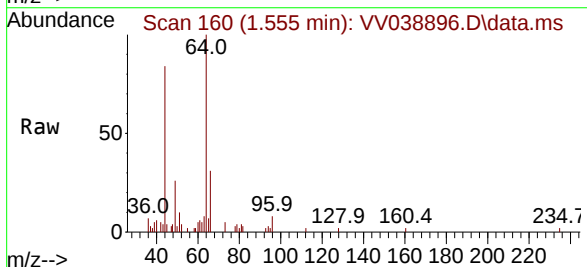
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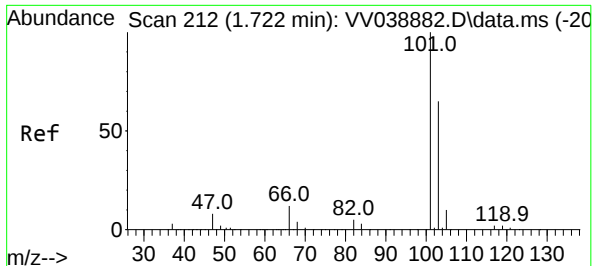
Tgt Ion: 94 Resp: 11955
Ion Ratio Lower Upper
94 100
96 86.6 71.9 107.9



#6
Chloroethane
Concen: 2.077 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 64 Resp: 8943
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.2

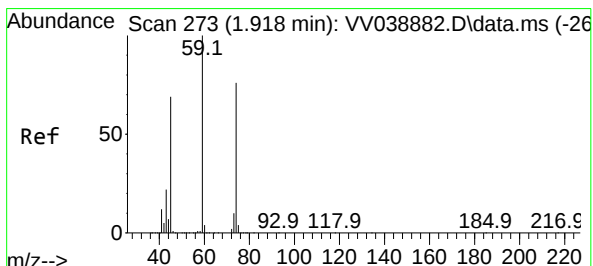
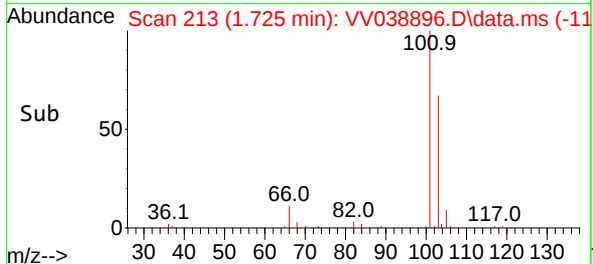
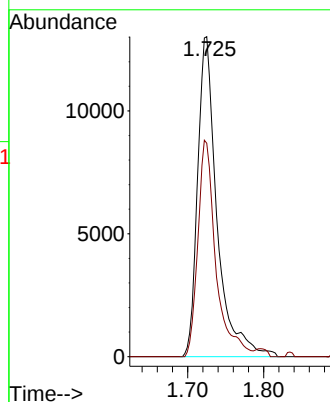
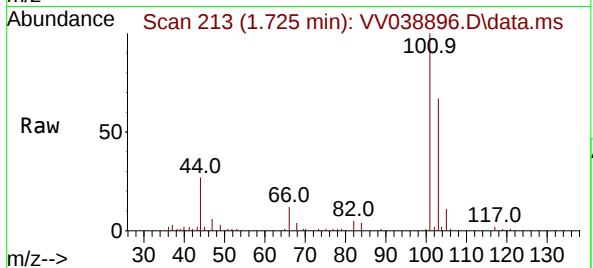




#7
Trichlorofluoromethane
Concen: 2.028 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

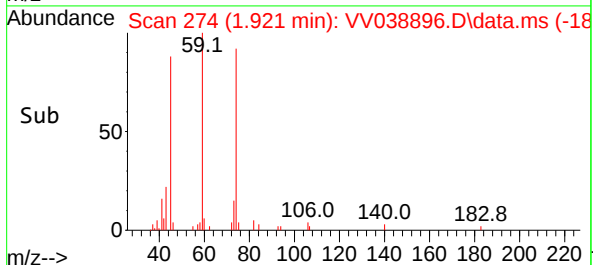
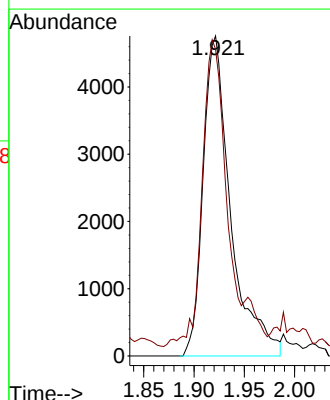
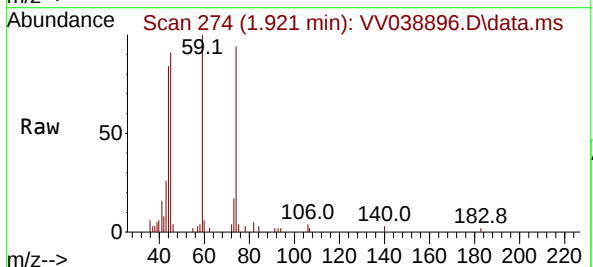
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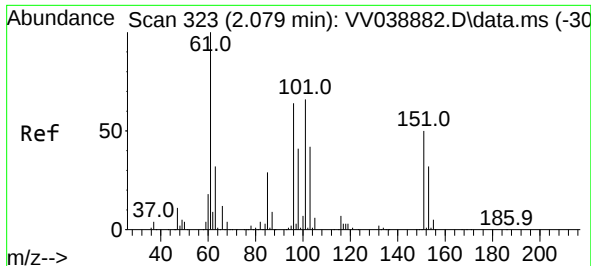
Tgt Ion:101 Resp: 23113
Ion Ratio Lower Upper
101 100
103 66.7 51.8 77.6



#8
Diethyl Ether
Concen: 2.215 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 74 Resp: 9080
Ion Ratio Lower Upper
74 100
45 81.6 45.5 136.5

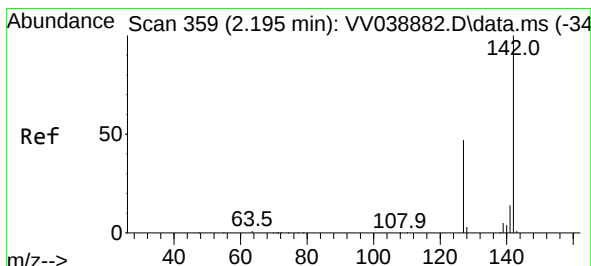
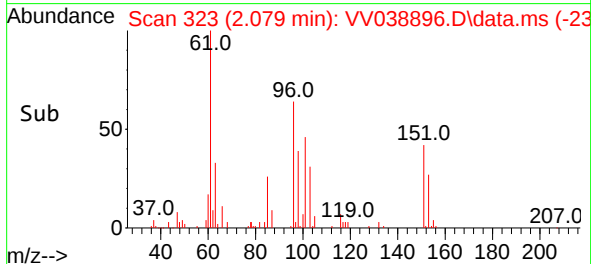
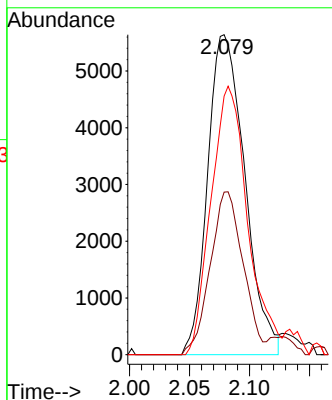
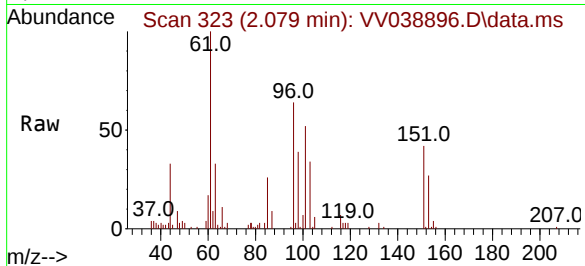




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.784 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

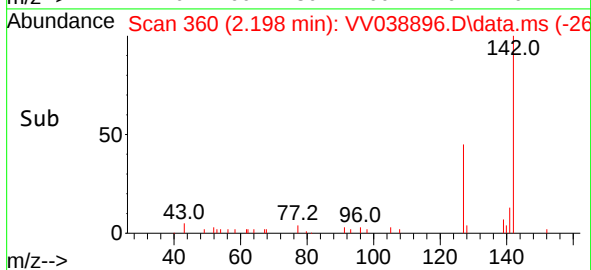
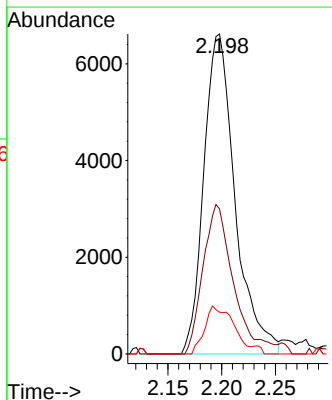
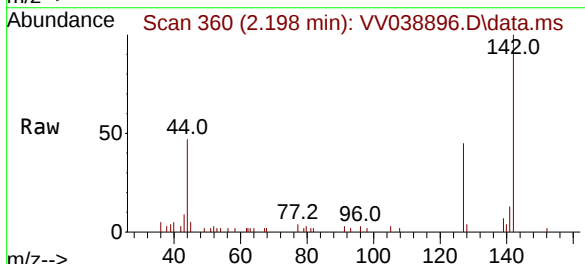
Instrument :
MSVOA_V
ClientSampleId :
MDL02

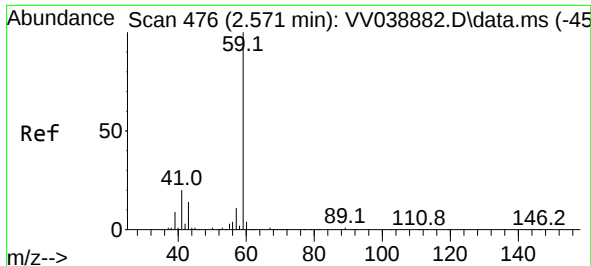
Tgt Ion:101 Resp: 12159
Ion Ratio Lower Upper
101 100
85 45.3 35.0 52.6
151 83.1 60.1 90.1



#10
Methyl Iodide
Concen: 1.713 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:142 Resp: 13406
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 13.7 11.2 16.8

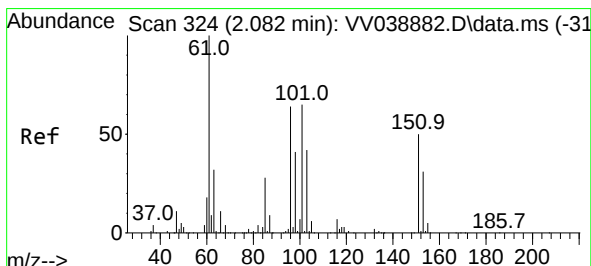
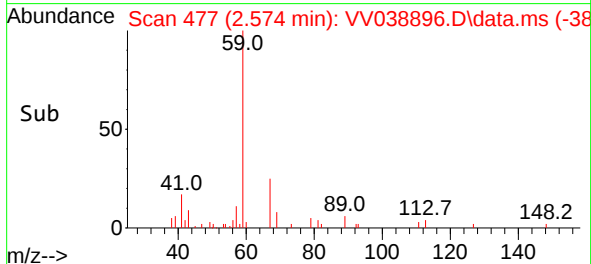
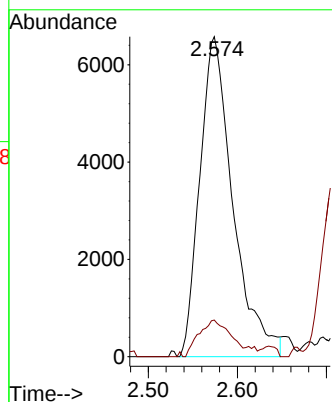
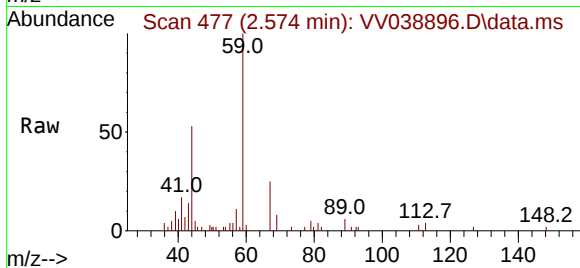




#11
Tert butyl alcohol
Concen: 10.182 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

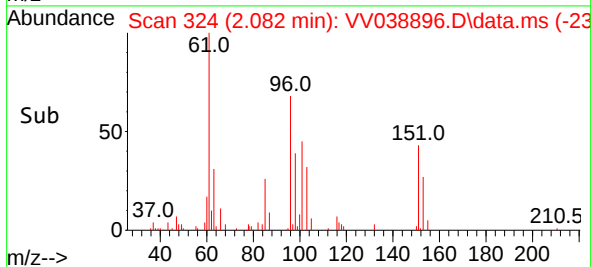
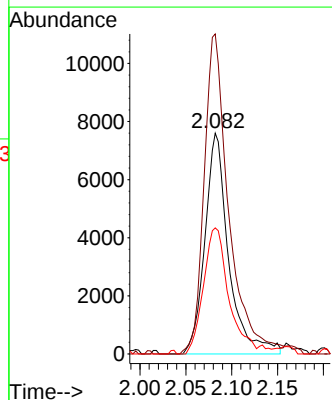
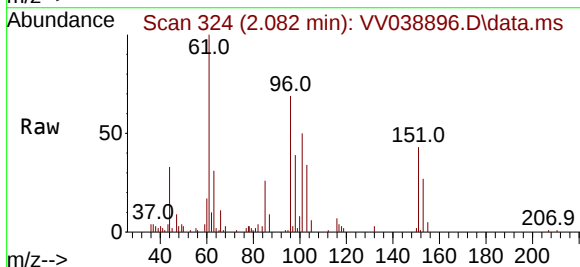
Instrument :
MSVOA_V
ClientSampleId :
MDL02

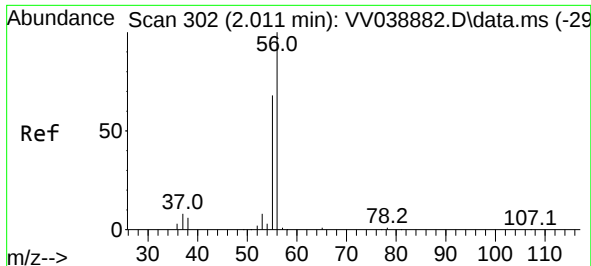
Tgt Ion: 59 Resp: 16990
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 2.200 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 96 Resp: 13660
Ion Ratio Lower Upper
96 100
61 144.9 124.1 186.1
98 57.1 50.6 75.8





#13

Acrolein

Concen: 8.835 ug/l

RT: 2.018 min Scan# 302

Delta R.T. 0.007 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

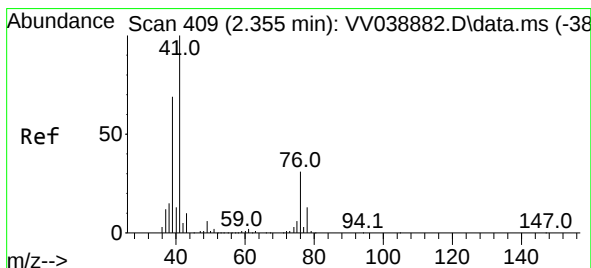
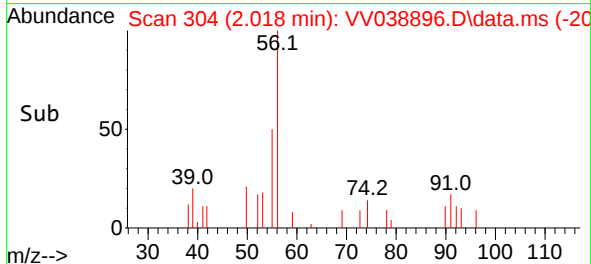
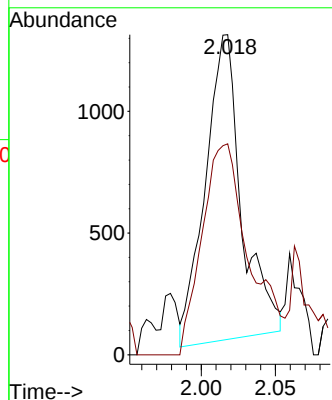
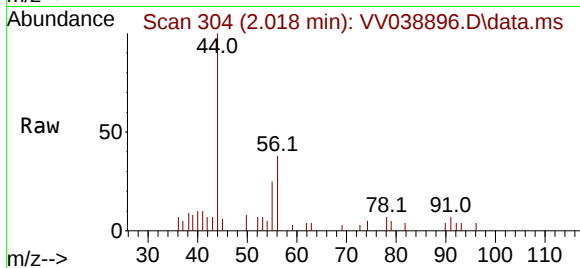
MDL02

Tgt Ion: 56 Resp: 2132

Ion Ratio Lower Upper

56 100

55 90.3 56.7 85.1#



#14

Allyl chloride

Concen: 2.315 ug/l

RT: 2.359 min Scan# 410

Delta R.T. 0.003 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

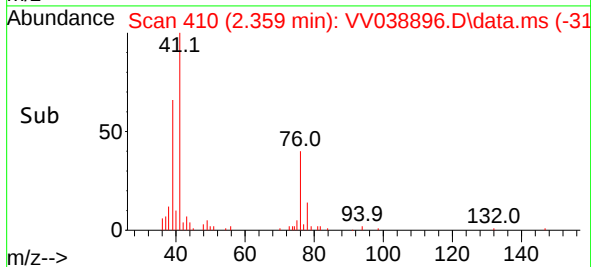
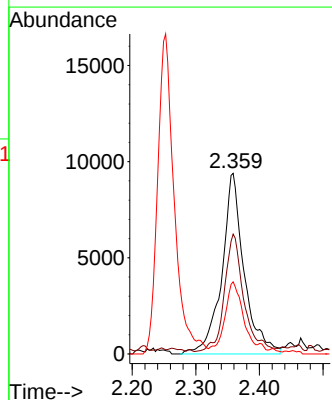
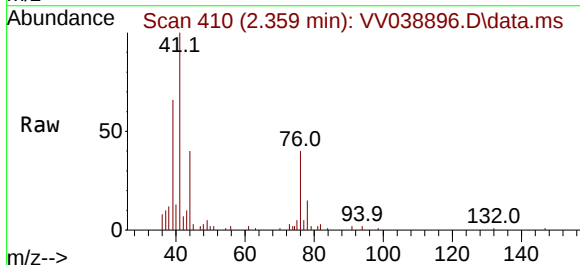
Tgt Ion: 41 Resp: 22901

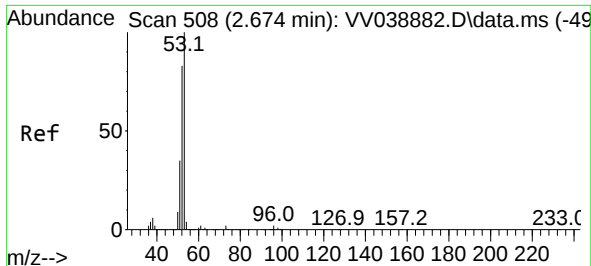
Ion Ratio Lower Upper

41 100

39 55.5 50.6 76.0

76 27.7 30.4 45.6#

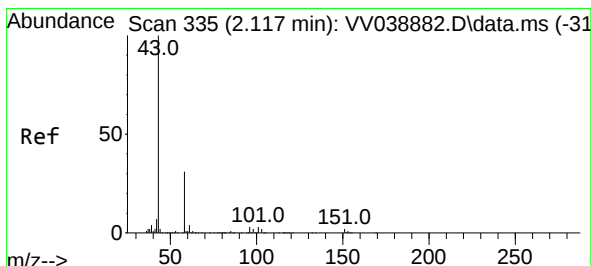
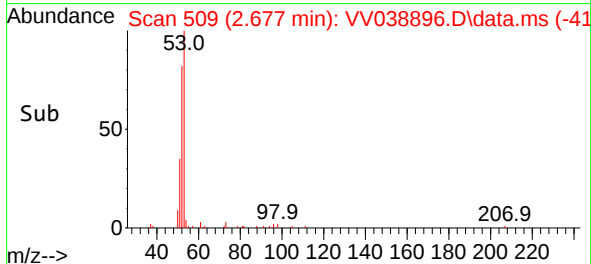
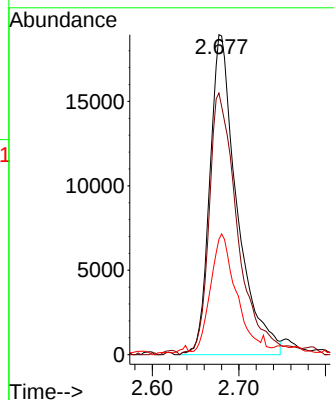
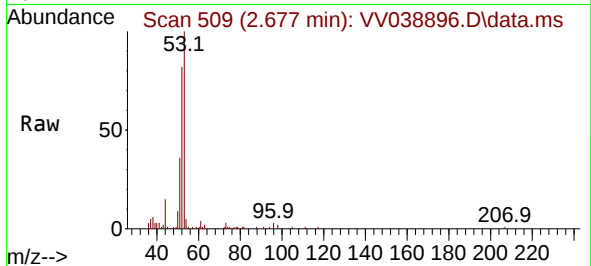




#15
Acrylonitrile
Concen: 9.699 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

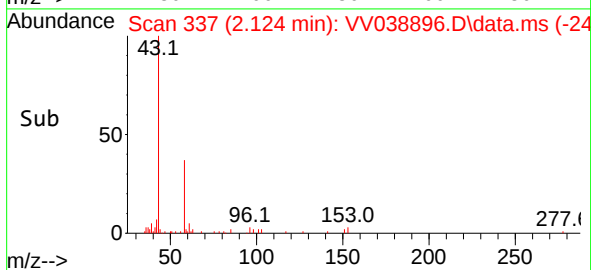
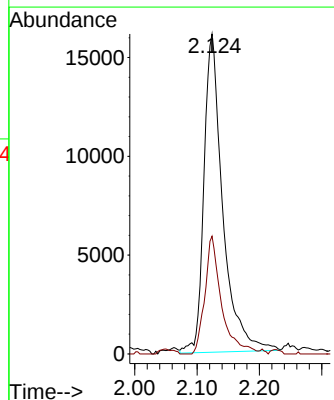
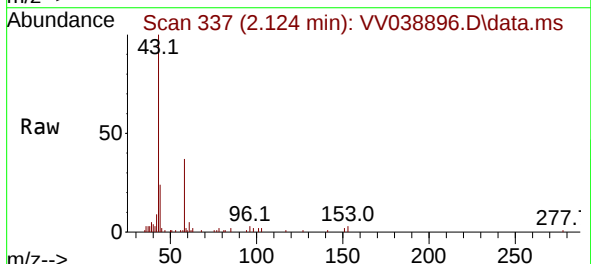
Instrument :
MSVOA_V
ClientSampleId :
MDL02

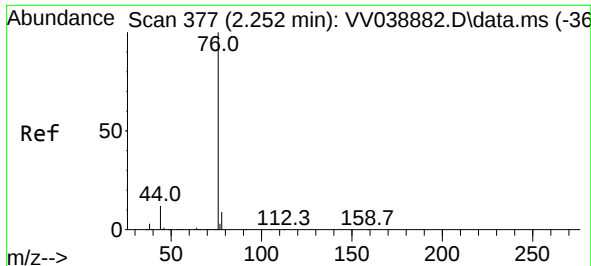
Tgt Ion: 53	Resp: 41415
Ion Ratio	Lower Upper
53	100
52	86.5 66.6 99.8
51	34.8 28.7 43.1



#16
Acetone
Concen: 10.780 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 43	Resp: 33809
Ion Ratio	Lower Upper
43	100
58	37.2 25.8 38.6

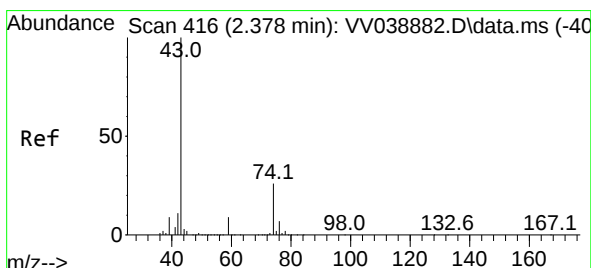
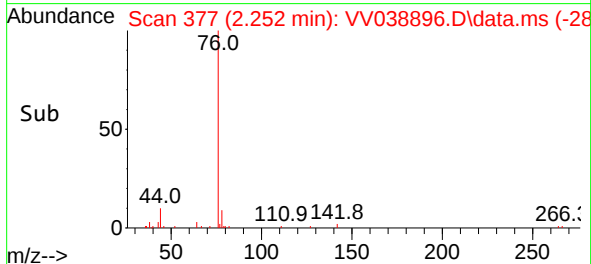
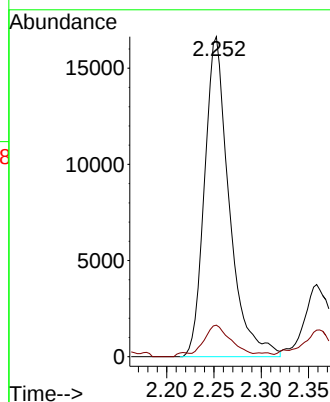
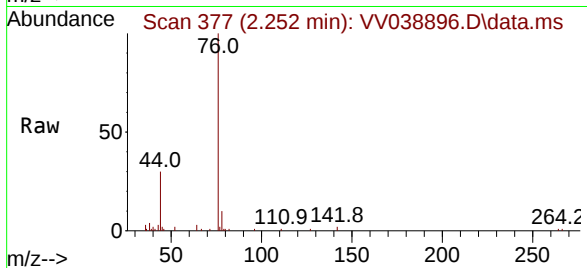




#17
Carbon Disulfide
Concen: 2.330 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.001 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

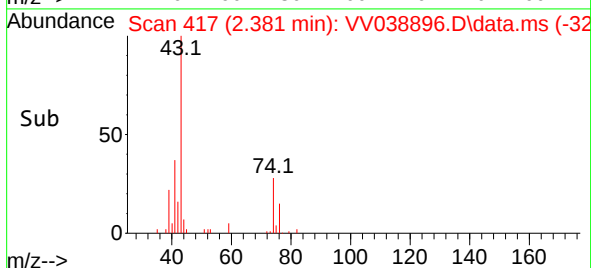
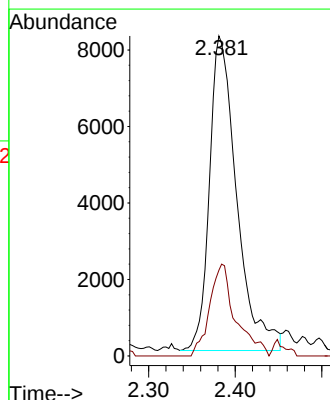
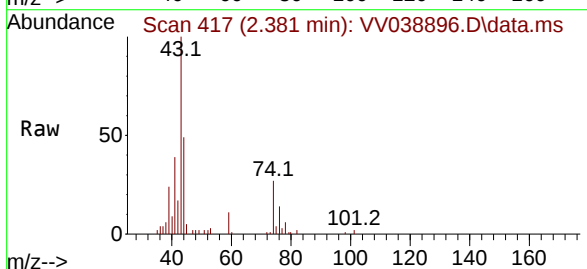
Instrument :
MSVOA_V
ClientSampleId :
MDL02

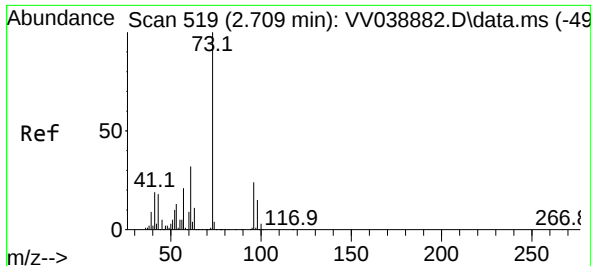
Tgt Ion: 76 Resp: 30190
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 1.696 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 43 Resp: 17999
Ion Ratio Lower Upper
43 100
74 27.6 21.1 31.7

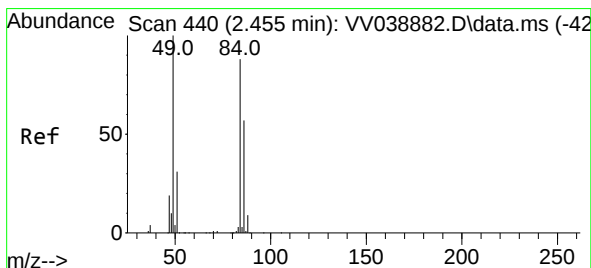
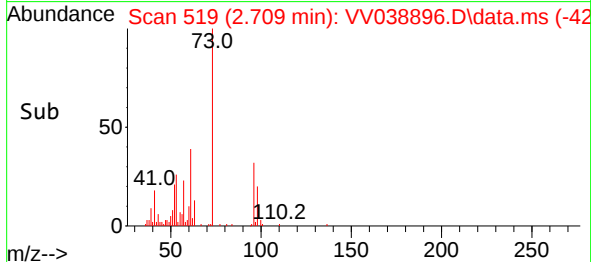
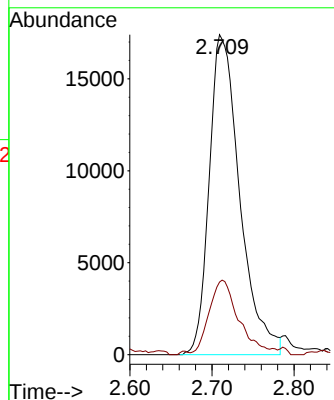
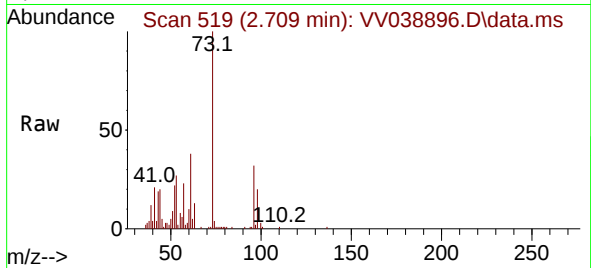




#19
Methyl tert-butyl Ether
Concen: 1.933 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

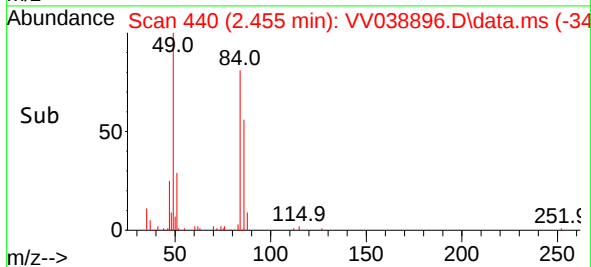
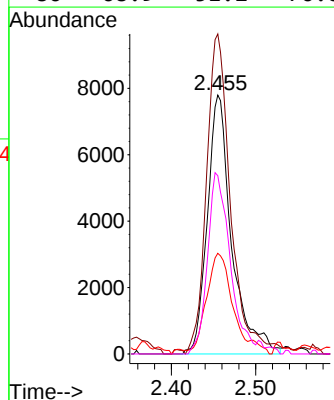
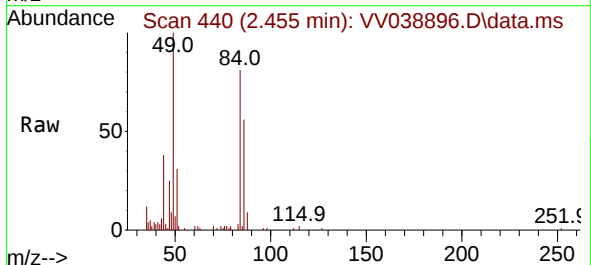
Instrument :
MSVOA_V
ClientSampleId :
MDL02

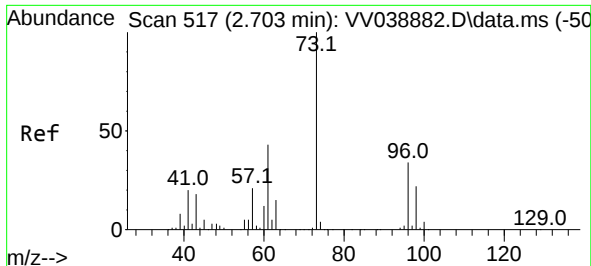
Tgt Ion: 73 Resp: 45018
Ion Ratio Lower Upper
73 100
57 22.1 16.5 24.7



#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 84 Resp: 15674
Ion Ratio Lower Upper
84 100
49 122.2 90.5 135.7
51 37.1 27.8 41.6
86 68.9 51.2 76.8

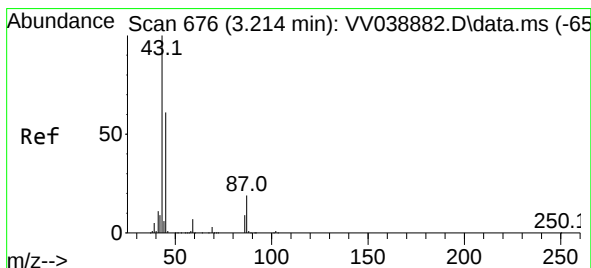
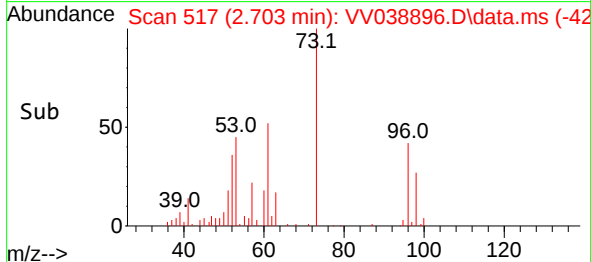
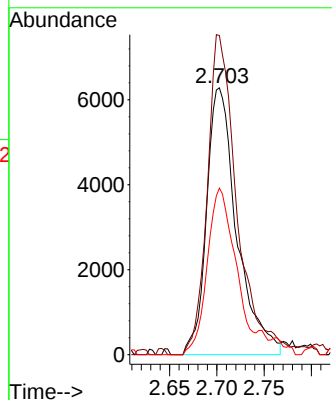
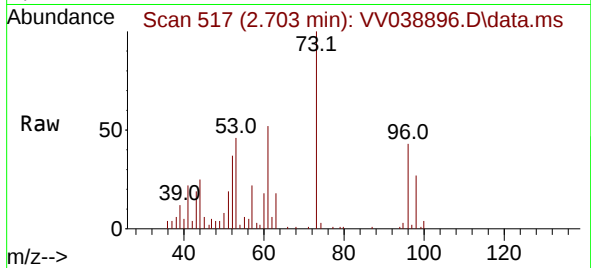




#21
trans-1,2-Dichloroethene
Concen: 2.116 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

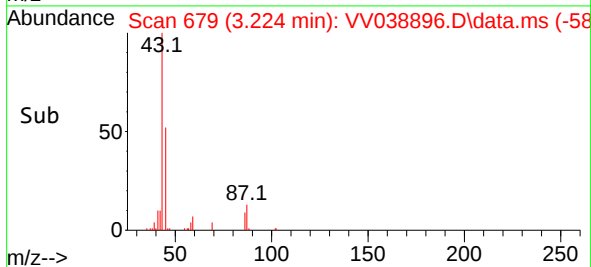
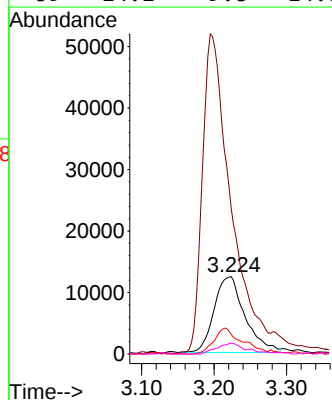
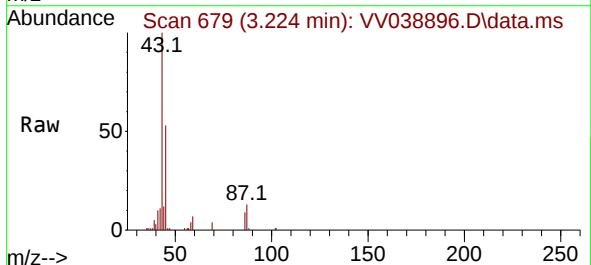
Instrument :
MSVOA_V
ClientSampleId :
MDL02

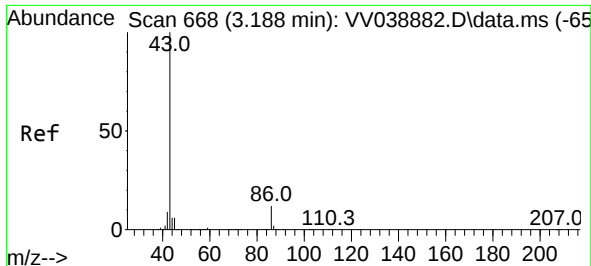
Tgt Ion: 96 Resp: 13979
Ion Ratio Lower Upper
96 100
61 119.6 102.0 153.0
98 62.4 51.0 76.6



#22
Diisopropyl ether
Concen: 1.852 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 45 Resp: 36602
Ion Ratio Lower Upper
45 100
43 189.7 132.1 198.1
87 25.0 25.0 37.4#
59 14.1 9.8 14.8

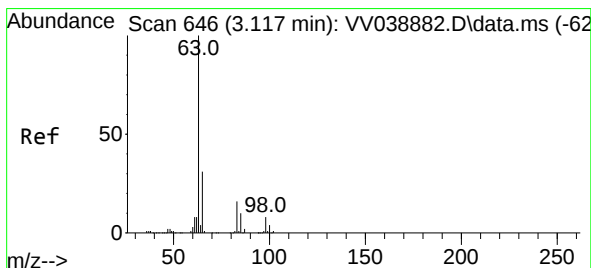
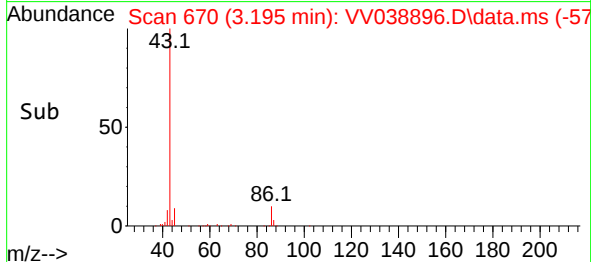
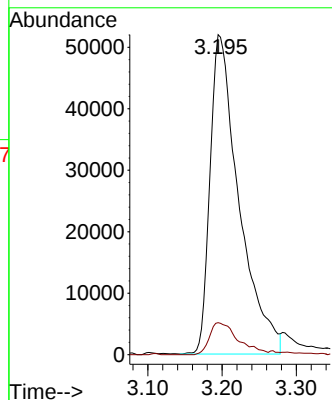
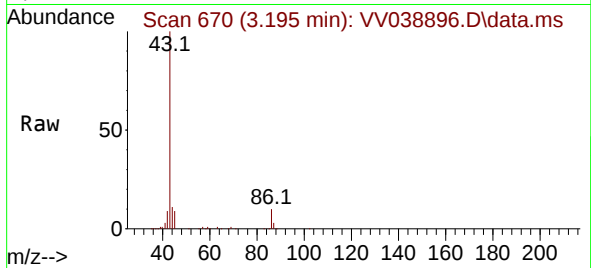




#23
 Vinyl Acetate
 Concen: 9.081 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

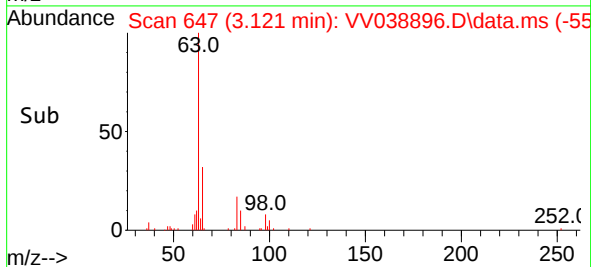
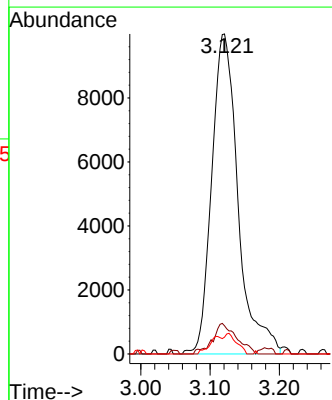
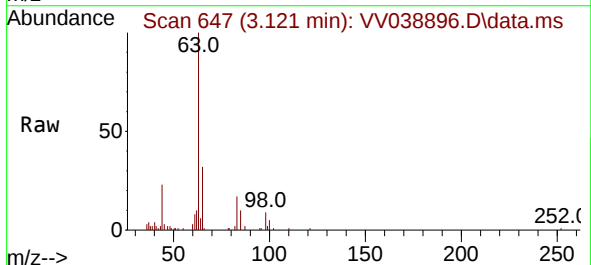
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

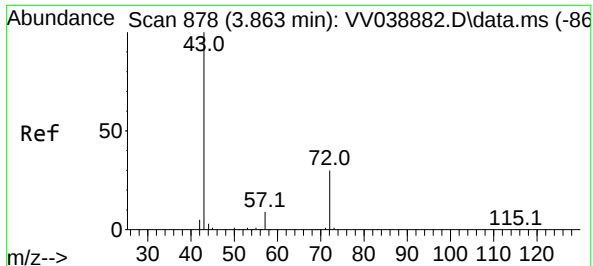
Tgt Ion: 43 Resp: 140765
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 2.039 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

Tgt Ion: 63 Resp: 26404
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 8.304 ug/l

RT: 3.896 min Scan# 8

Delta R.T. 0.032 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

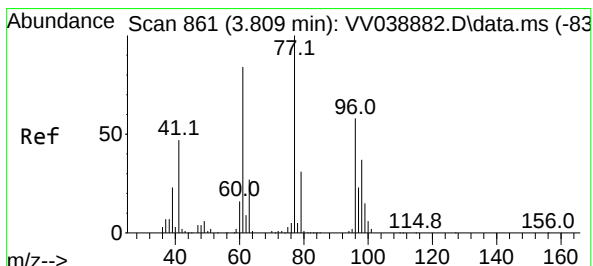
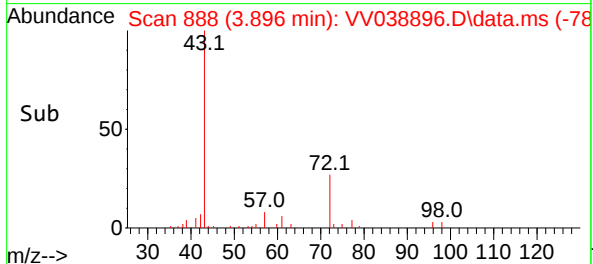
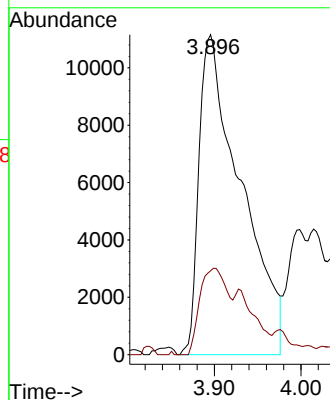
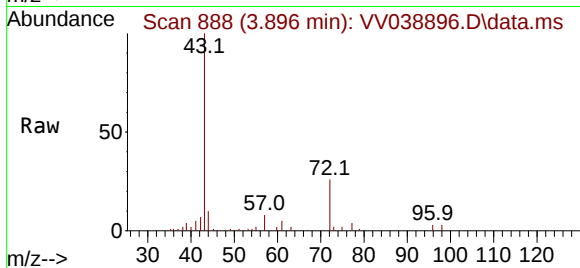
MDL02

Tgt Ion: 43 Resp: 37327

Ion Ratio Lower Upper

43 100

72 26.2 23.9 35.9



#26

2,2-Dichloropropane

Concen: 1.943 ug/l

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV038896.D

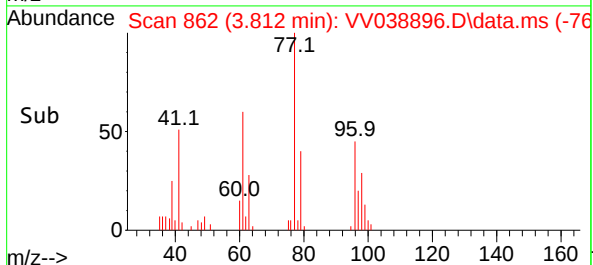
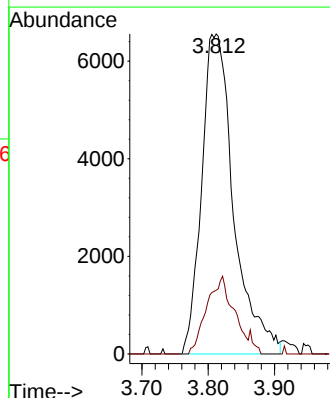
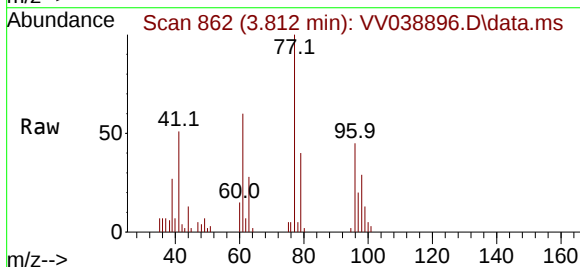
Acq: 15 Jul 2025 12:00

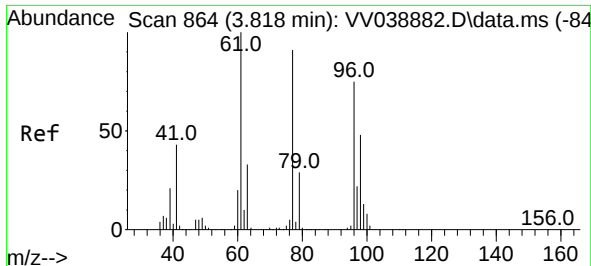
Tgt Ion: 77 Resp: 22023

Ion Ratio Lower Upper

77 100

97 20.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 1.957 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.007 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

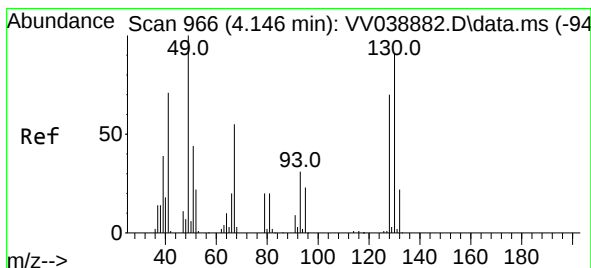
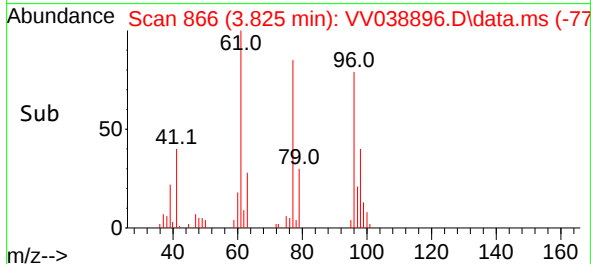
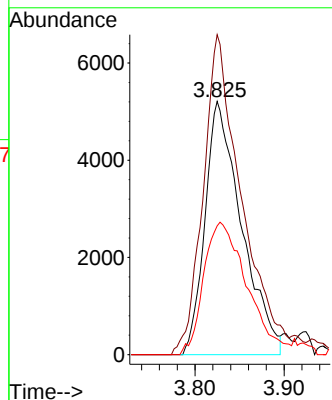
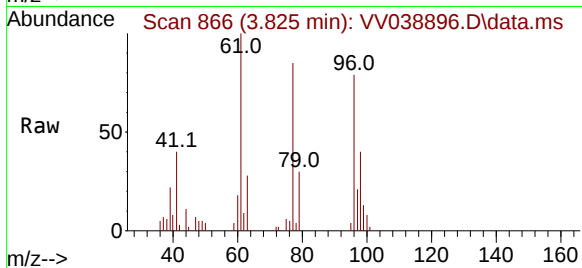
Tgt Ion: 96 Resp: 14852

Ion Ratio Lower Upper

96 100

61 131.4 0.0 275.0

98 61.7 0.0 130.0



#28

Bromochloromethane

Concen: 2.309 ug/l

RT: 4.156 min Scan# 969

Delta R.T. 0.010 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

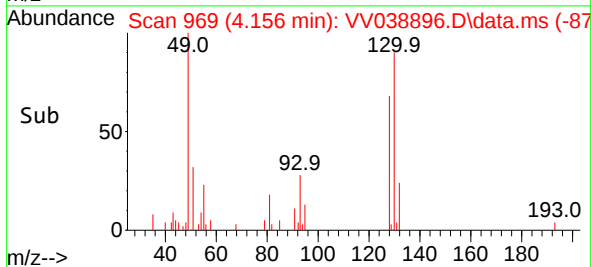
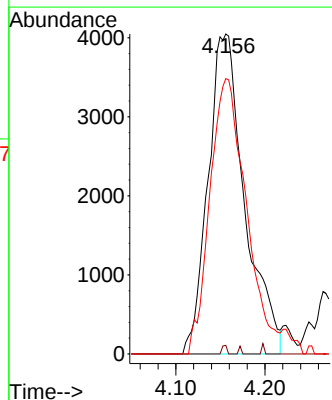
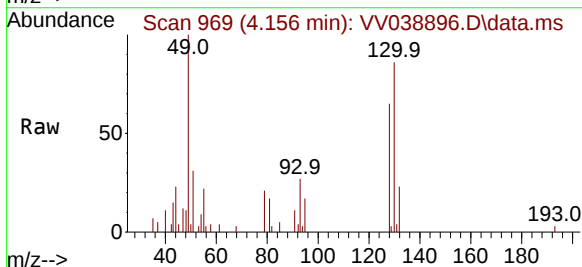
Tgt Ion: 49 Resp: 11572

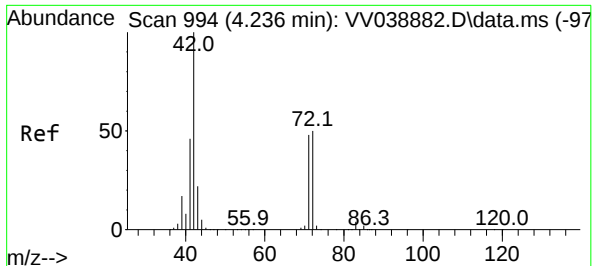
Ion Ratio Lower Upper

49 100

129 0.3 0.0 4.8

130 85.1 70.1 105.1





#29

Tetrahydrofuran

Concen: 7.628 ug/l

RT: 4.249 min Scan# 994

Delta R.T. 0.013 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

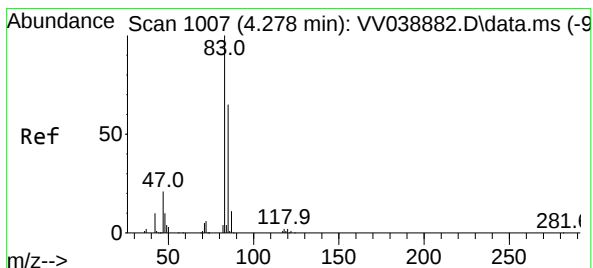
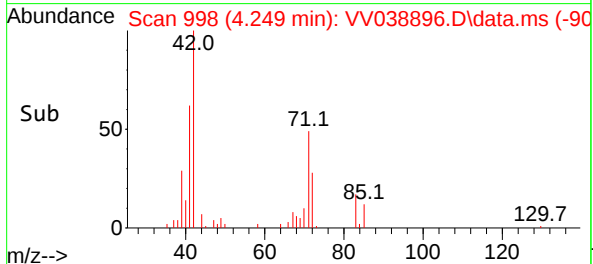
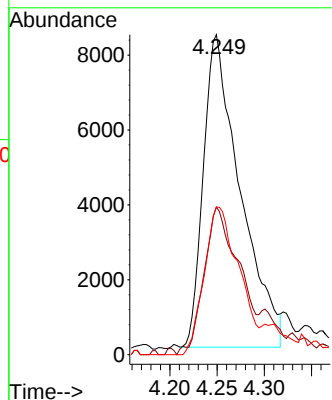
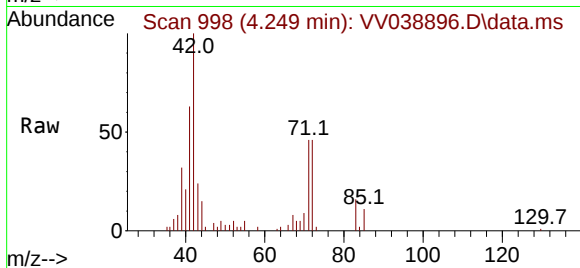
Tgt Ion: 42 Resp: 22599

Ion Ratio Lower Upper

42 100

72 45.6 41.6 62.4

71 44.6 38.4 57.6



#30

Chloroform

Concen: 1.889 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038896.D

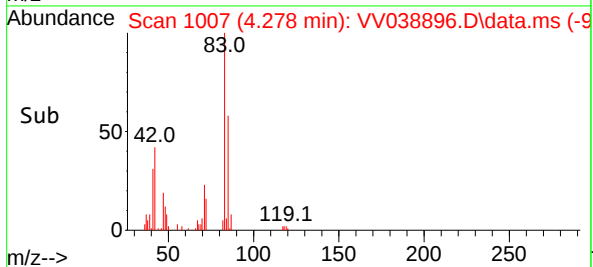
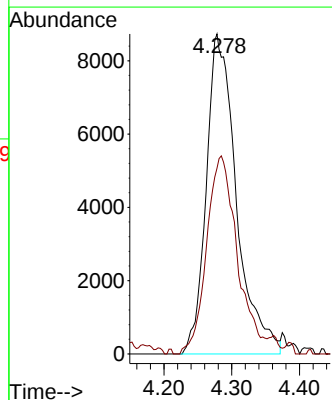
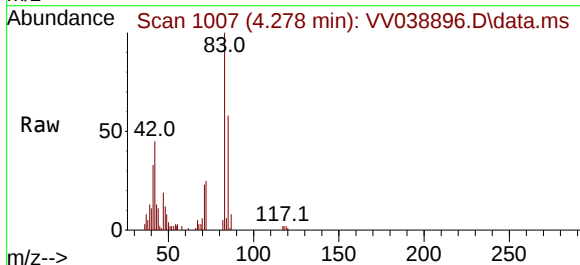
Acq: 15 Jul 2025 12:00

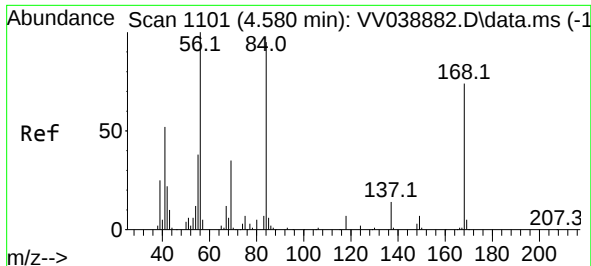
Tgt Ion: 83 Resp: 26962

Ion Ratio Lower Upper

83 100

85 58.1 52.2 78.4

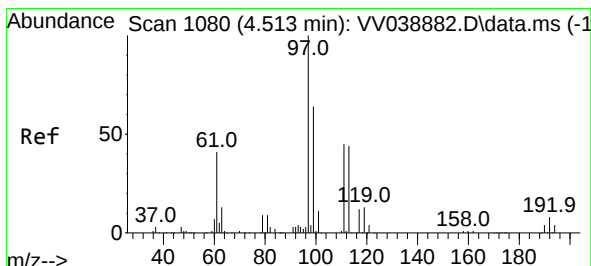
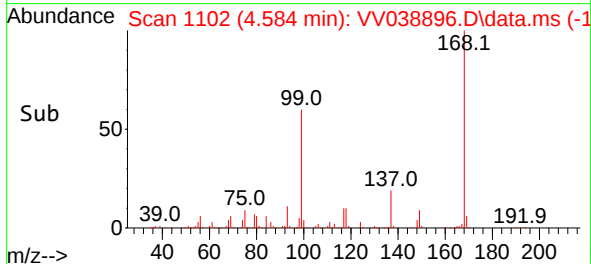
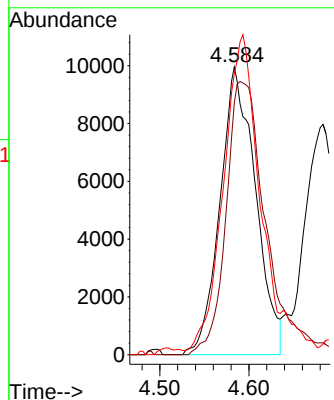
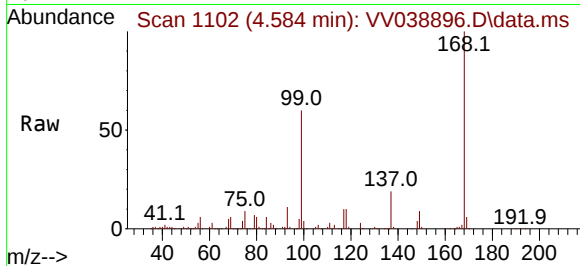




#31
Cyclohexane
Concen: 3.243 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

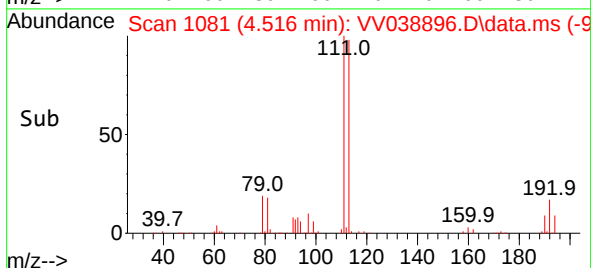
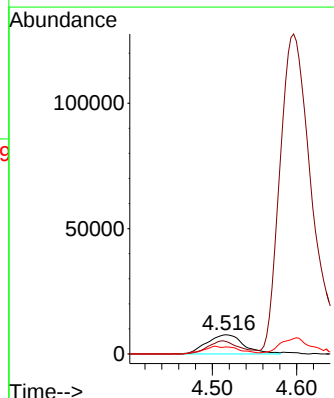
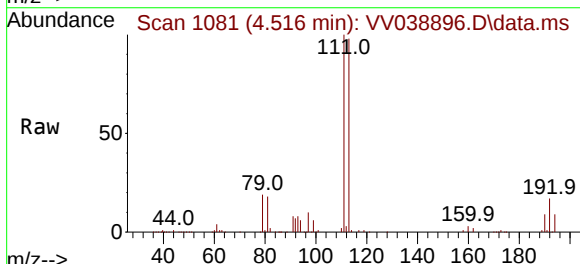
Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 27554
Ion Ratio Lower Upper
56 100
69 87.5 28.2 42.2#
84 95.8 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 1.881 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 97 Resp: 23421
Ion Ratio Lower Upper
97 100
99 58.9 50.1 75.1
61 20.9 32.6 49.0#





#33

1,2-Dichloroethane-d4

Concen: 54.581 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

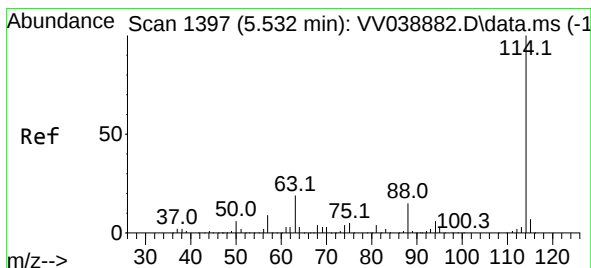
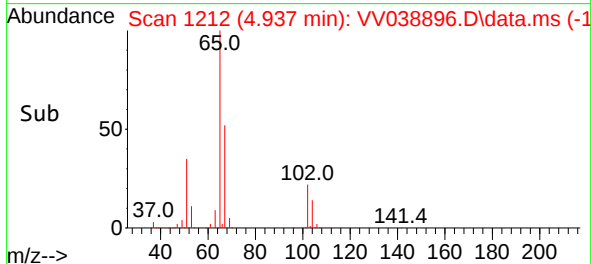
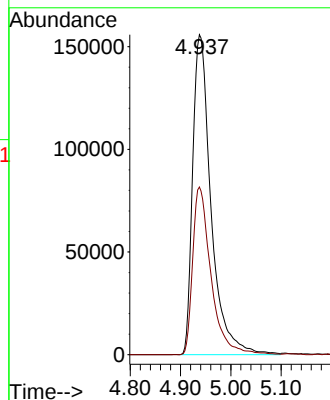
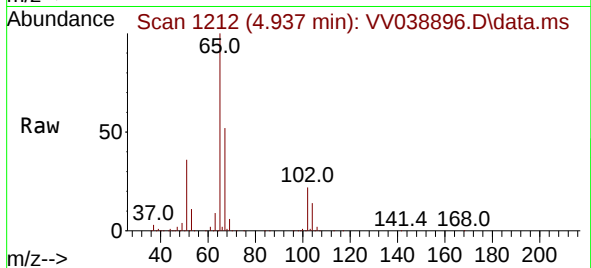
MDL02

Tgt Ion: 65 Resp: 395598

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

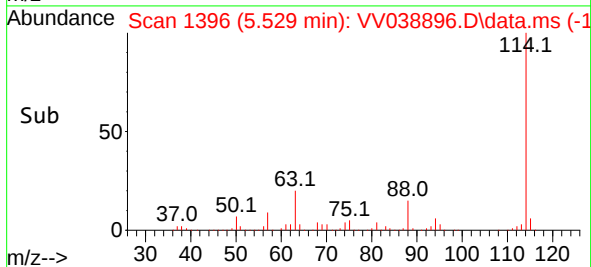
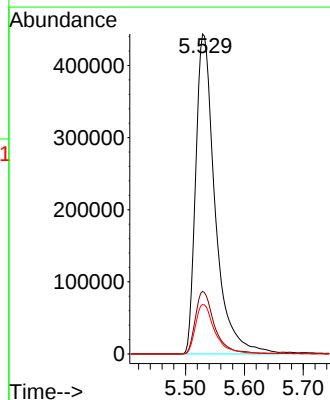
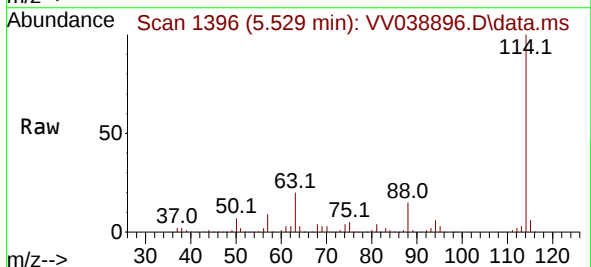
Tgt Ion: 114 Resp: 1015315

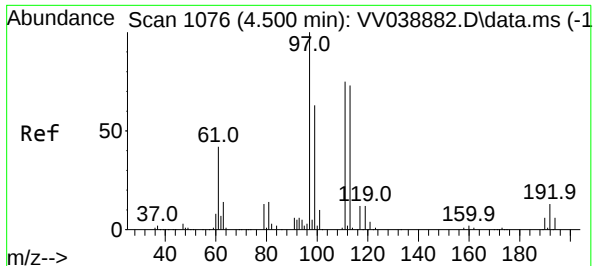
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.5 0.0 30.8

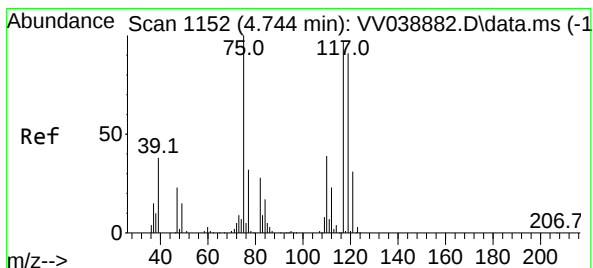
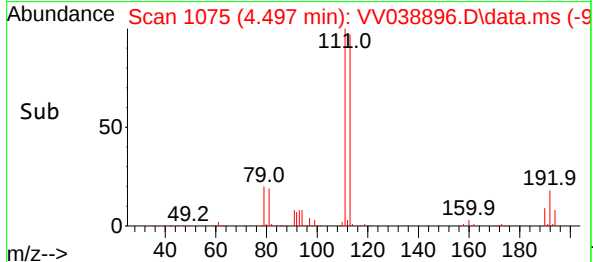
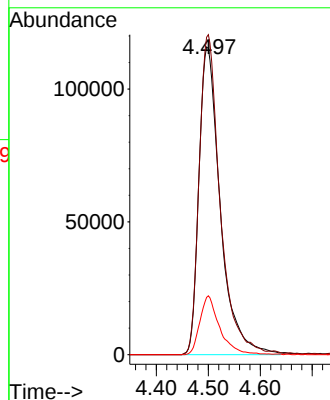
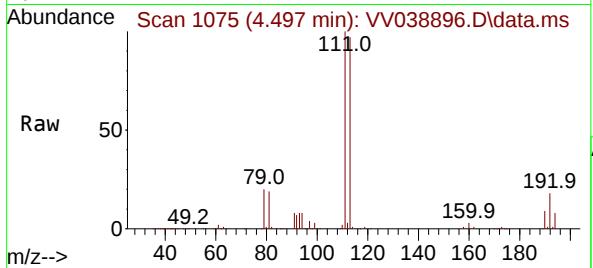




#35
Dibromofluoromethane
Concen: 47.824 ug/l
RT: 4.497 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

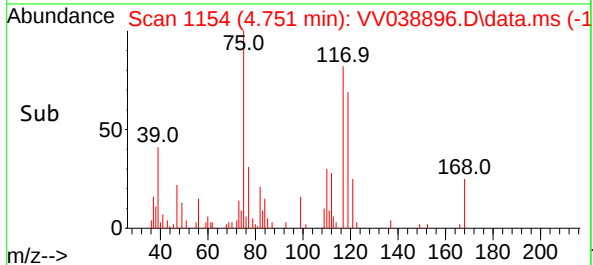
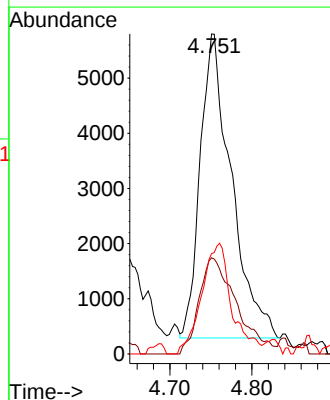
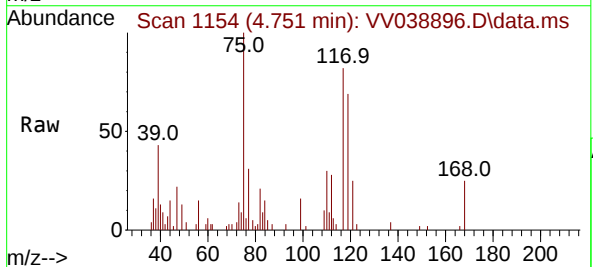
Instrument :
MSVOA_V
ClientSampleId :
MDL02

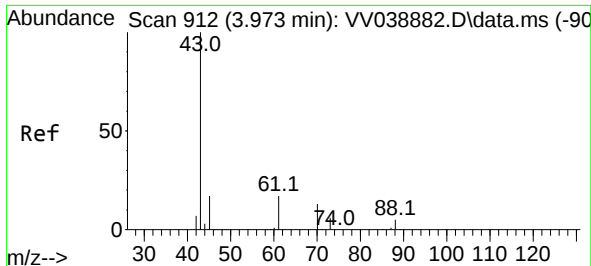
Tgt Ion:113 Resp: 331060
Ion Ratio Lower Upper
113 100
111 101.6 83.3 124.9
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 1.831 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 75 Resp: 14568
Ion Ratio Lower Upper
75 100
110 37.8 18.8 56.3
77 35.0 24.2 36.4





#37

Ethyl Acetate

Concen: 0.316 ug/l

RT: 3.998 min Scan# 912

Delta R.T. 0.026 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

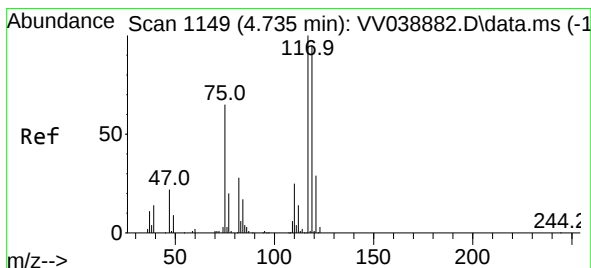
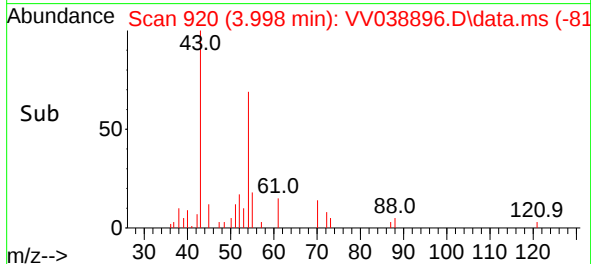
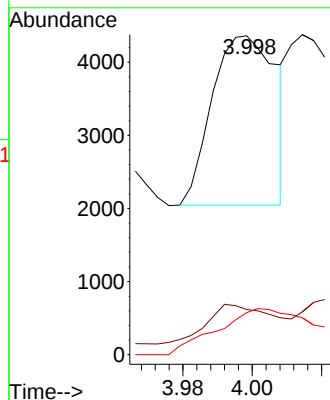
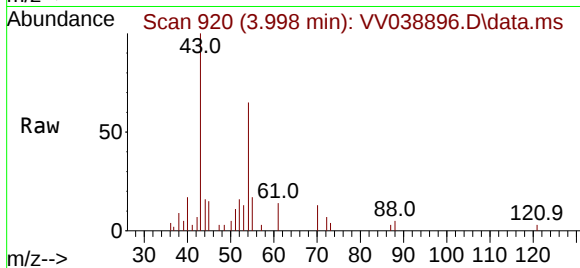
Tgt Ion: 43 Resp: 2958

Ion Ratio Lower Upper

43 100

61 28.6 11.1 16.7#

70 48.5 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 1.715 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

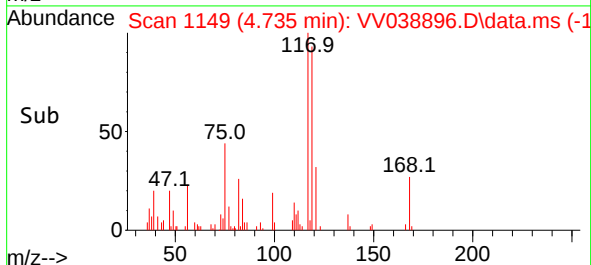
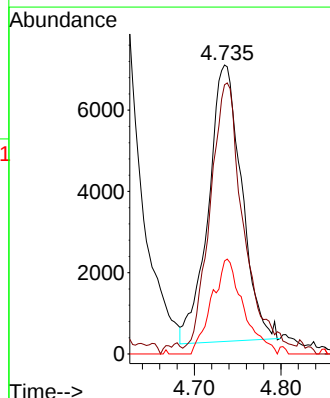
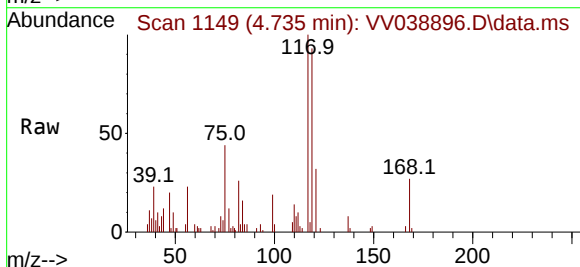
Tgt Ion: 117 Resp: 18123

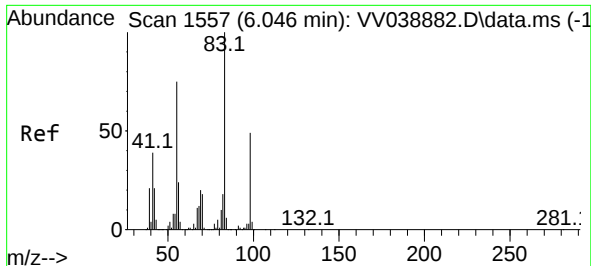
Ion Ratio Lower Upper

117 100

119 95.7 76.0 114.0

121 34.0 23.1 34.7





#39

Methylcyclohexane

Concen: 1.858 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

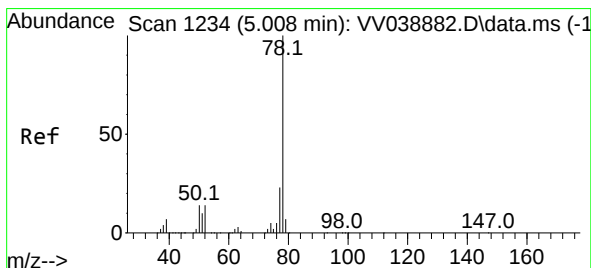
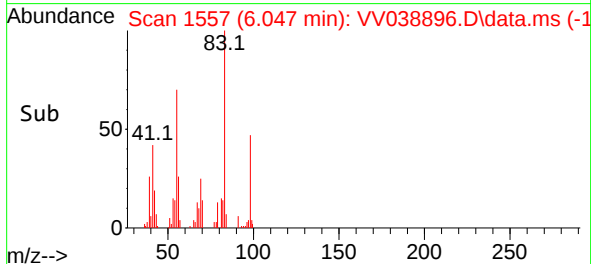
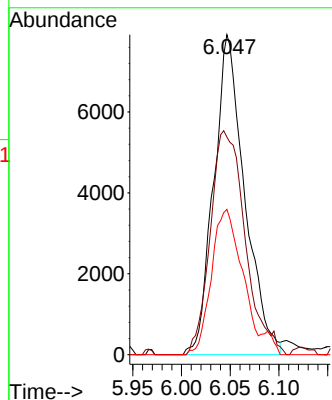
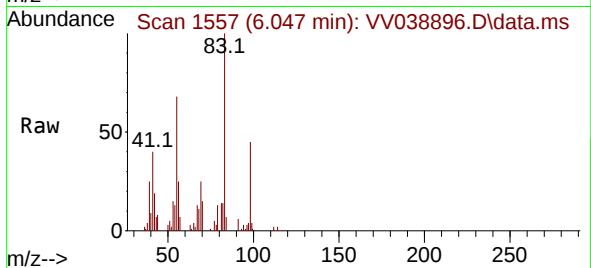
Tgt Ion: 83 Resp: 17443

Ion Ratio Lower Upper

83 100

55 68.0 60.0 90.0

98 45.4 39.0 58.6



#40

Benzene

Concen: 1.840 ug/l

RT: 5.018 min Scan# 1237

Delta R.T. 0.010 min

Lab File: VV038896.D

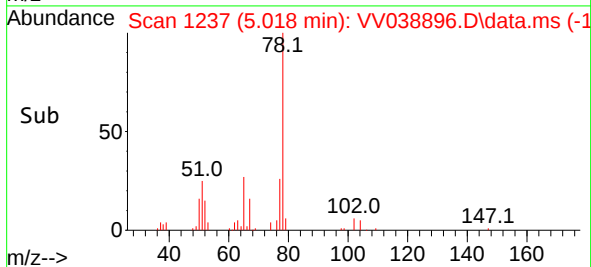
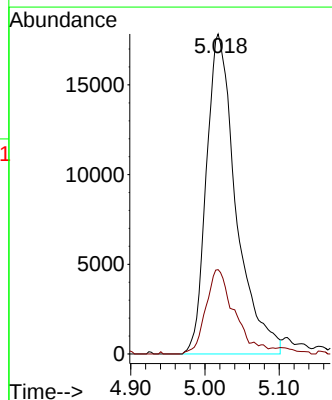
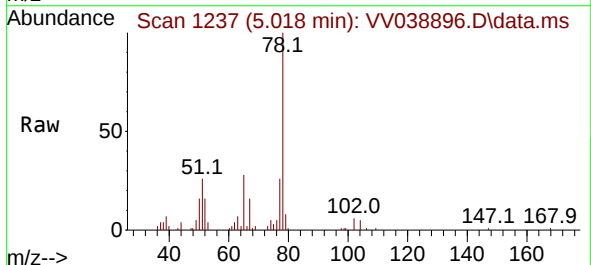
Acq: 15 Jul 2025 12:00

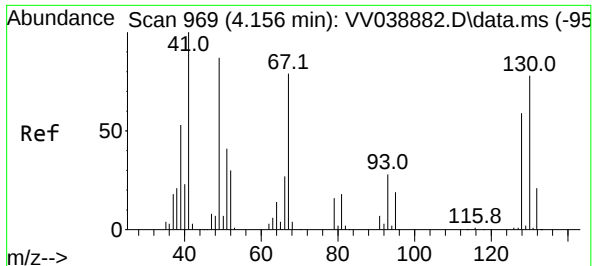
Tgt Ion: 78 Resp: 49635

Ion Ratio Lower Upper

78 100

77 26.4 18.6 28.0

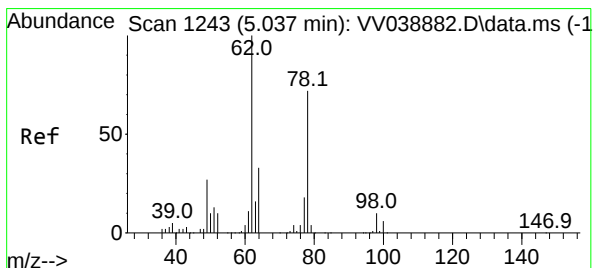
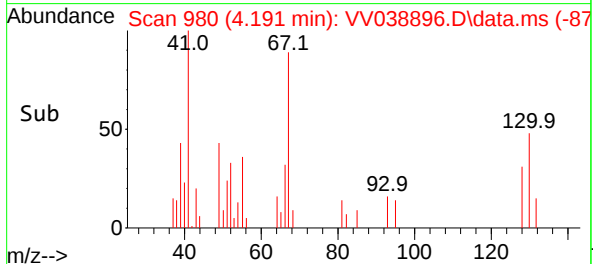
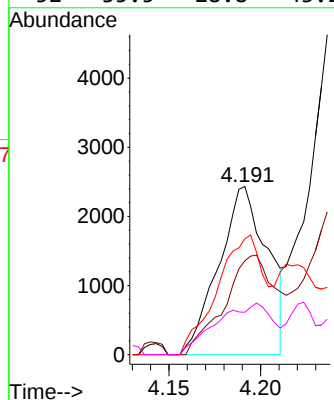
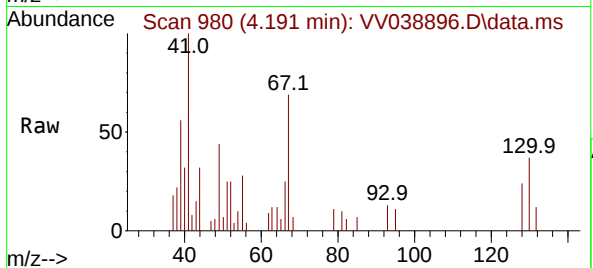




#41
Methacrylonitrile
Concen: 1.039 ug/l
RT: 4.191 min Scan# 91
Delta R.T. 0.035 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

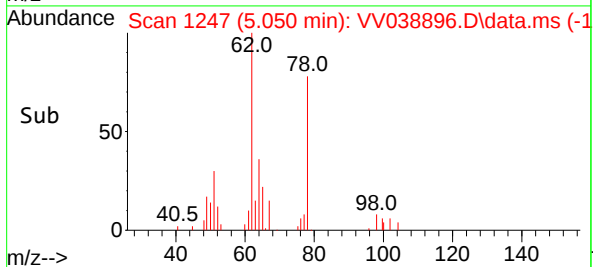
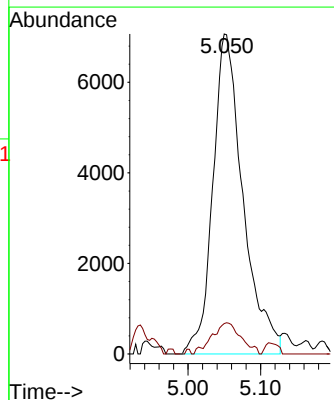
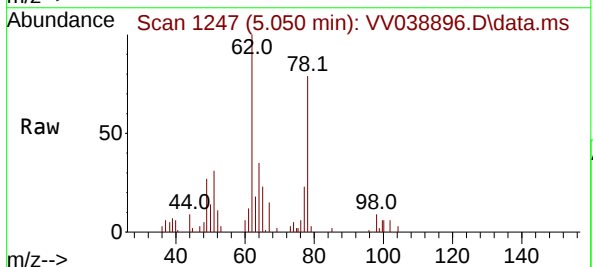
Instrument :
MSVOA_V
ClientSampleId :
MDL02

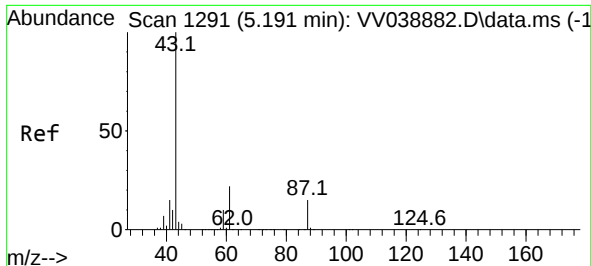
Tgt Ion: 41 Resp: 4467
Ion Ratio Lower Upper
41 100
39 63.4 42.0 63.0#
67 67.1 76.2 114.2#
52 35.5 28.8 43.2



#42
1,2-Dichloroethane
Concen: 1.982 ug/l
RT: 5.050 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 62 Resp: 20375
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8

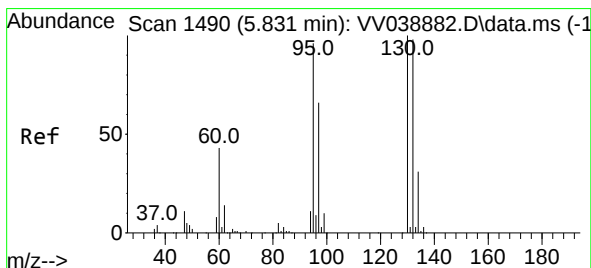
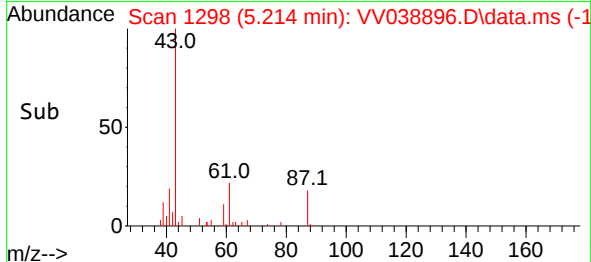
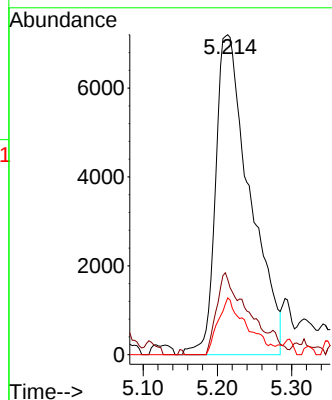
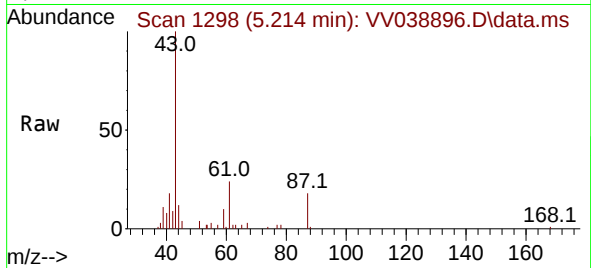




#43
Isopropyl Acetate
Concen: 1.556 ug/l
RT: 5.214 min Scan# 1298
Delta R.T. 0.023 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

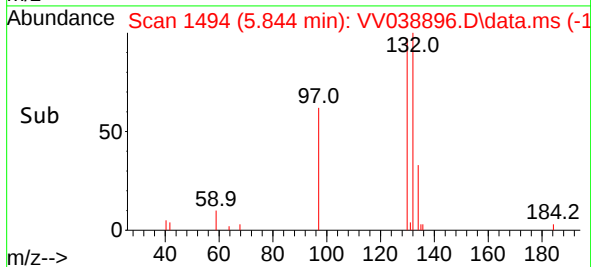
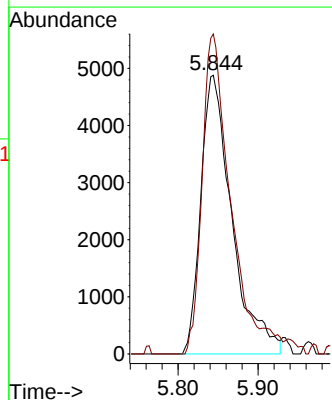
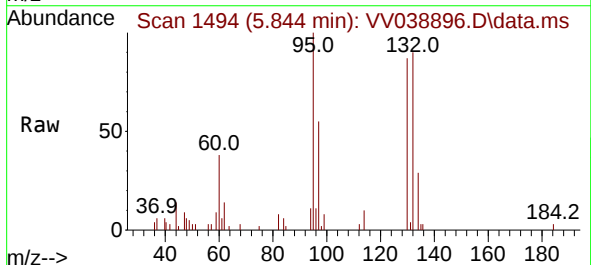
Instrument :
MSVOA_V
ClientSampleId :
MDL02

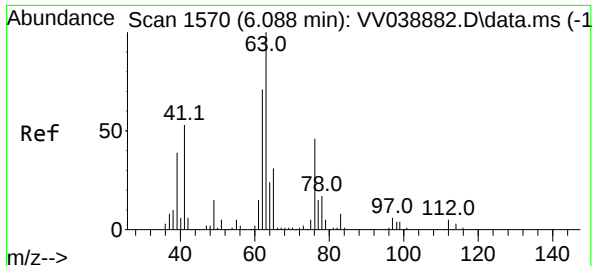
Tgt Ion: 43 Resp: 23051
Ion Ratio Lower Upper
43 100
61 22.2 17.1 25.7
87 15.1 12.2 18.4



#44
Trichloroethene
Concen: 1.870 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:130 Resp: 13175
Ion Ratio Lower Upper
130 100
95 114.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 1.604 ug/l

RT: 6.098 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

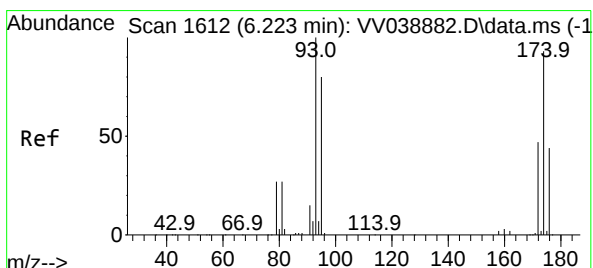
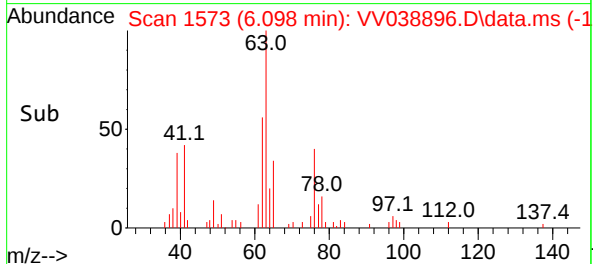
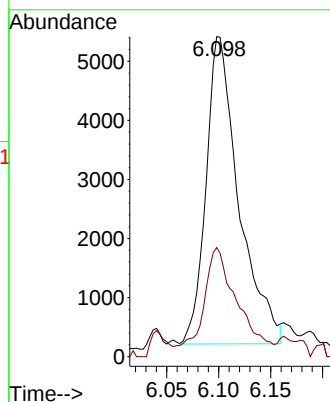
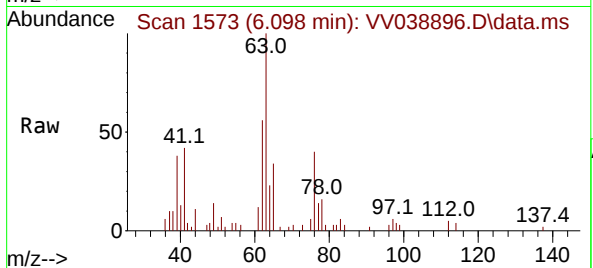
MDL02

Tgt Ion: 63 Resp: 11426

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 1.685 ug/l

RT: 6.236 min Scan# 1616

Delta R.T. 0.013 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

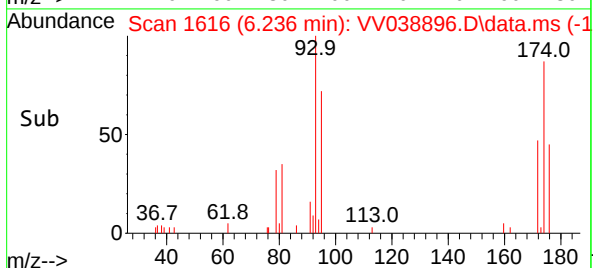
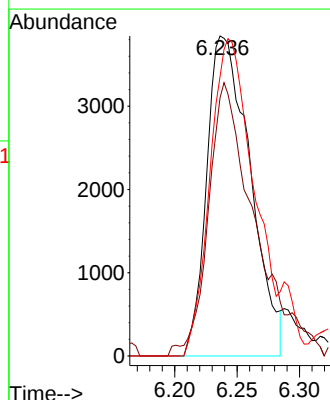
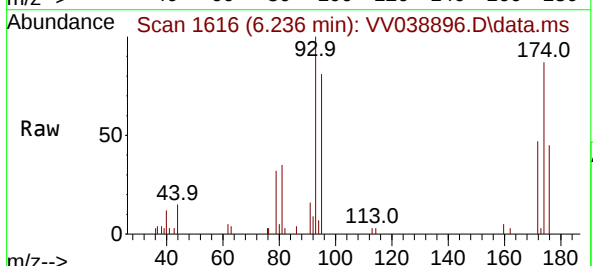
Tgt Ion: 93 Resp: 9288

Ion Ratio Lower Upper

93 100

95 91.6 66.2 99.4

174 99.0 75.3 112.9





#47

Bromodichloromethane

Concen: 1.735 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

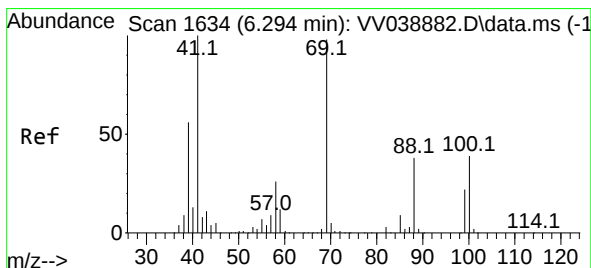
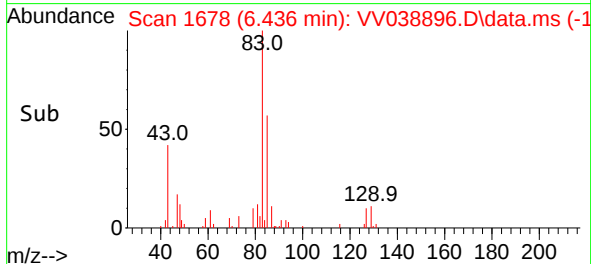
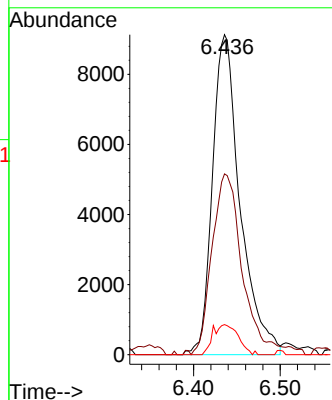
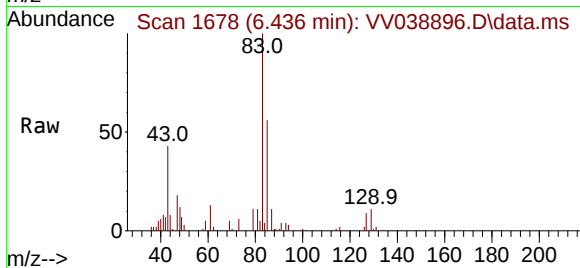
Tgt Ion: 83 Resp: 20293

Ion Ratio Lower Upper

83 100

85 56.5 51.4 77.0

127 9.4 6.9 10.3



#48

Methyl methacrylate

Concen: 0.563 ug/l

RT: 6.333 min Scan# 1646

Delta R.T. 0.039 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

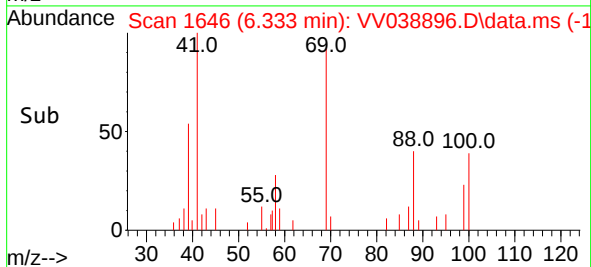
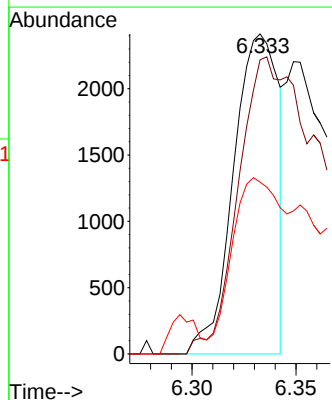
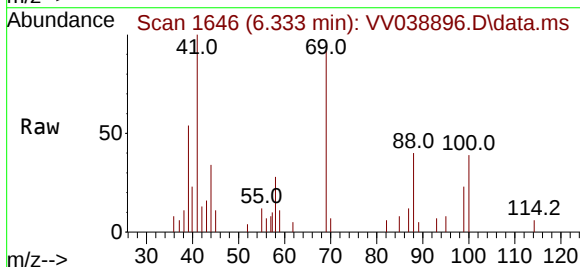
Tgt Ion: 41 Resp: 3620

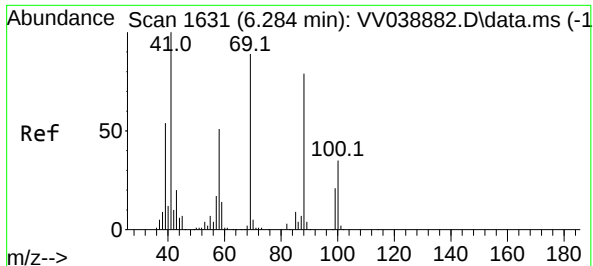
Ion Ratio Lower Upper

41 100

69 157.0 79.4 119.2#

39 54.8 44.0 66.0





#49

1,4-Dioxane

Concen: 30.523 ug/l

RT: 6.313 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

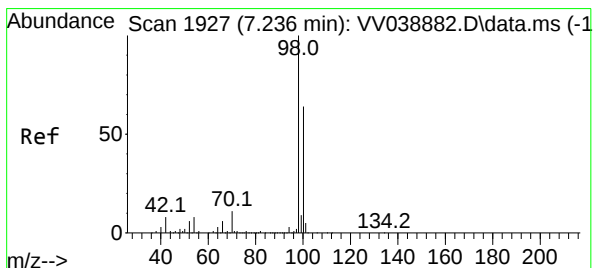
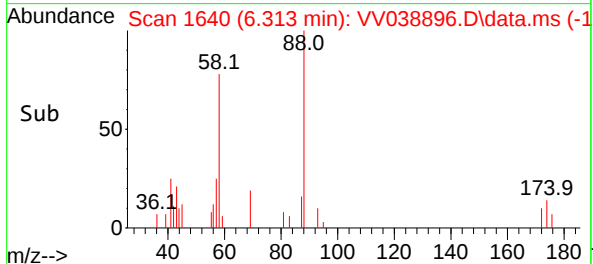
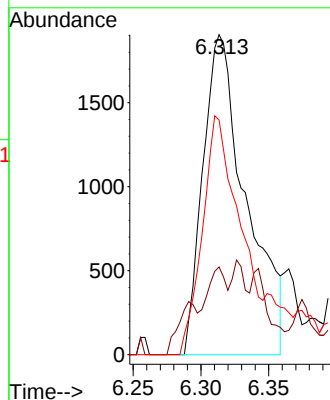
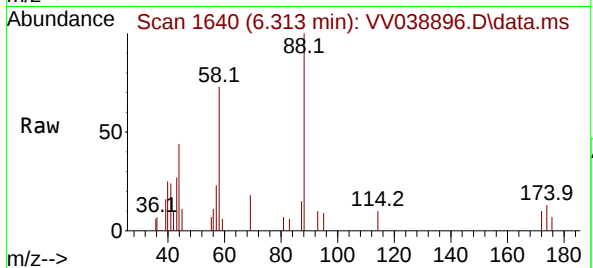
Tgt Ion: 88 Resp: 4228

Ion Ratio Lower Upper

88 100

43 0.0 23.0 34.4#

58 64.6 53.8 80.6



#50

Toluene-d8

Concen: 55.401 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038896.D

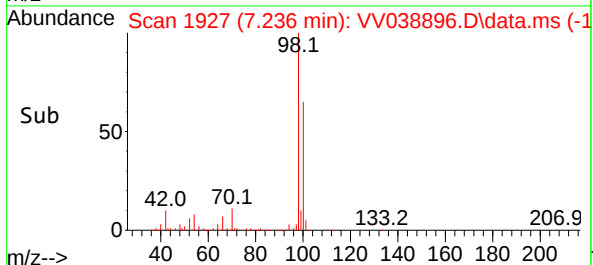
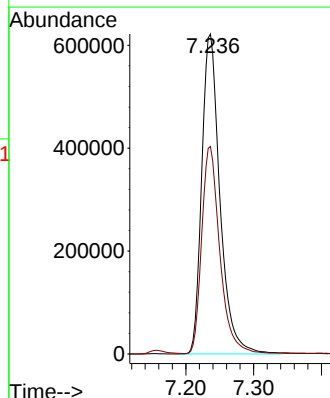
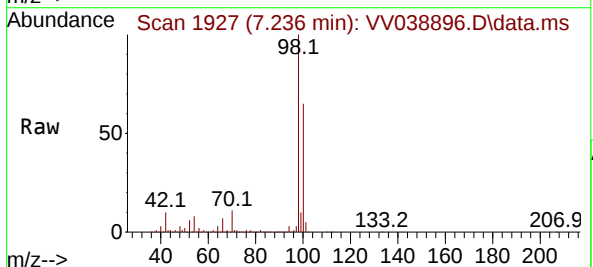
Acq: 15 Jul 2025 12:00

Tgt Ion: 98 Resp: 1159238

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3

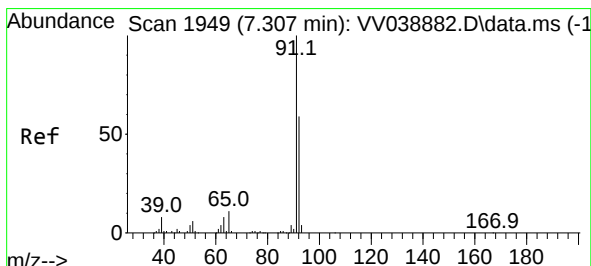
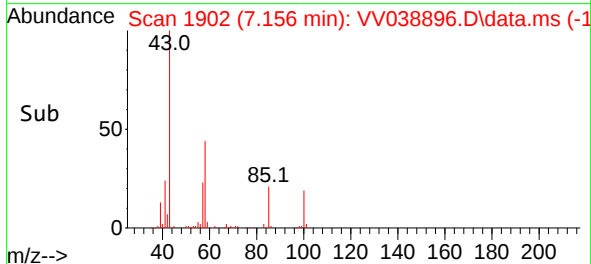
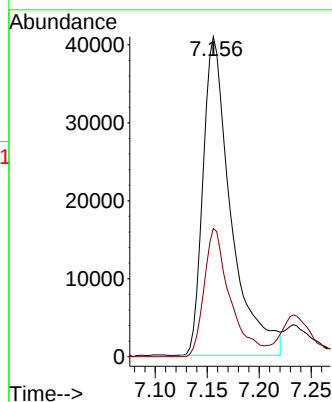
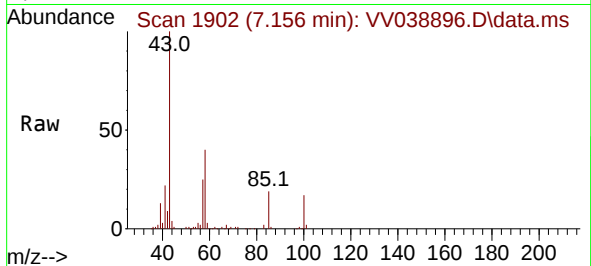




#51
4-Methyl-2-Pentanone
Concen: 7.562 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

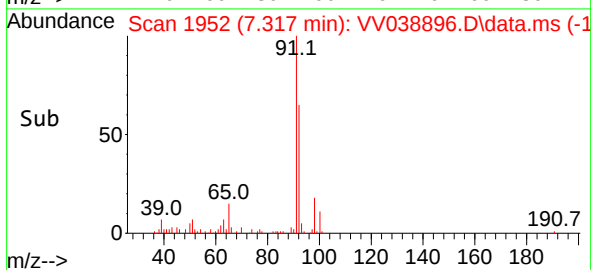
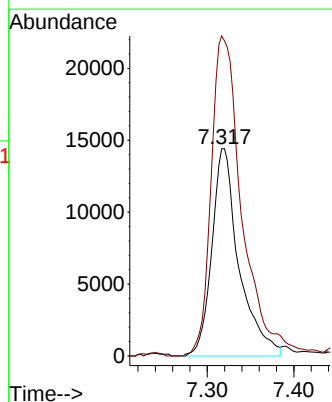
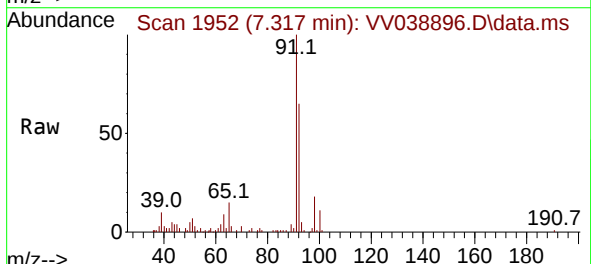
Instrument :
MSVOA_V
ClientSampleId :
MDL02

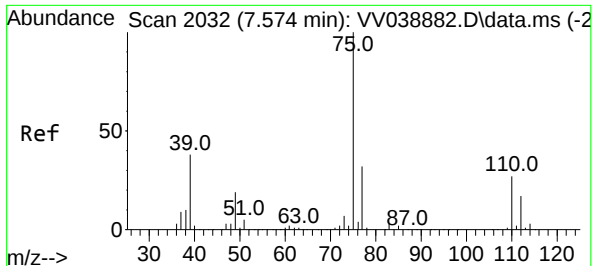
Tgt Ion: 43 Resp: 76278
Ion Ratio Lower Upper
43 100
58 37.2 34.5 51.7



#52
Toluene
Concen: 1.845 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 92 Resp: 31343
Ion Ratio Lower Upper
92 100
91 177.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 1.671 ug/l

RT: 7.593 min Scan# 2038

Delta R.T. 0.019 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

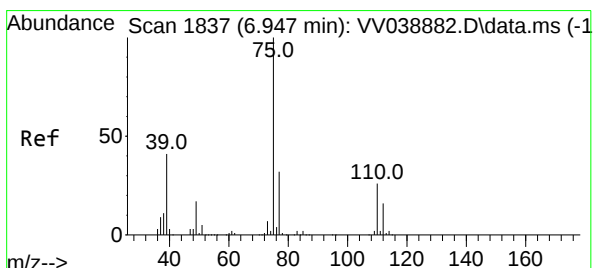
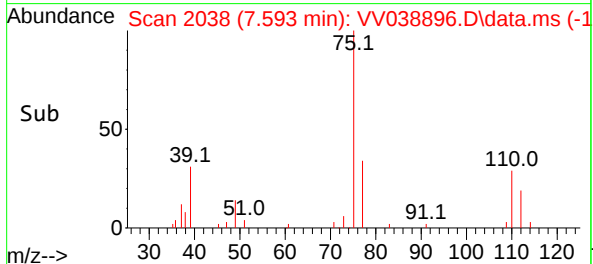
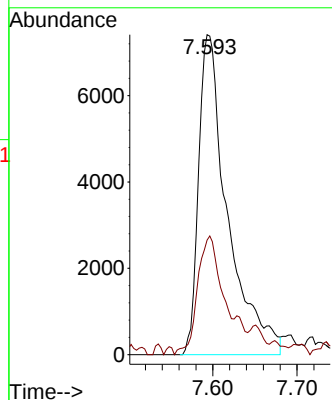
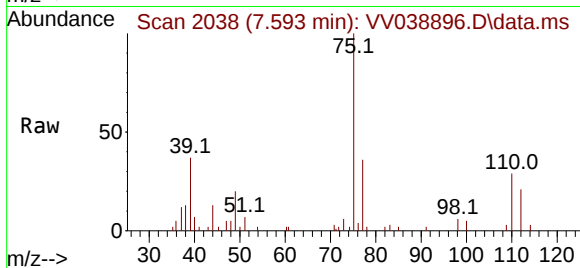
MDL02

Tgt Ion: 75 Resp: 17693

Ion Ratio Lower Upper

75 100

77 33.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 1.662 ug/l

RT: 6.963 min Scan# 1842

Delta R.T. 0.016 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

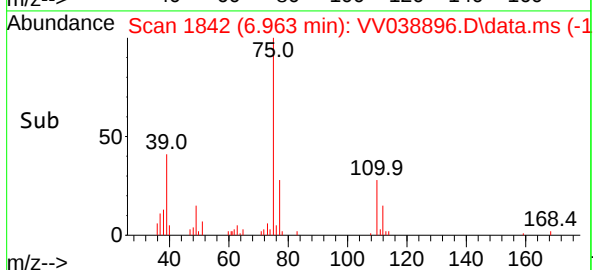
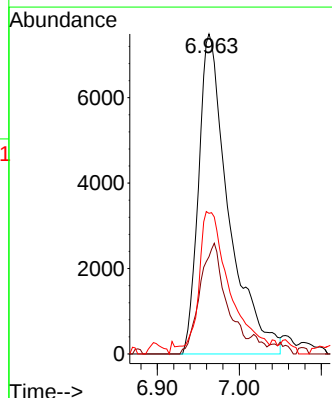
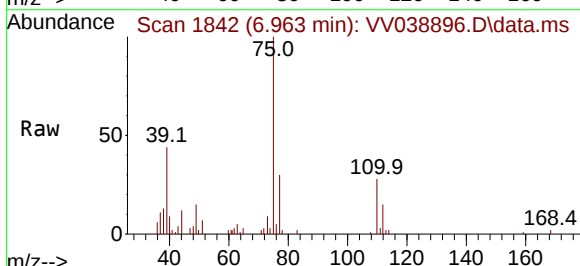
Tgt Ion: 75 Resp: 19014

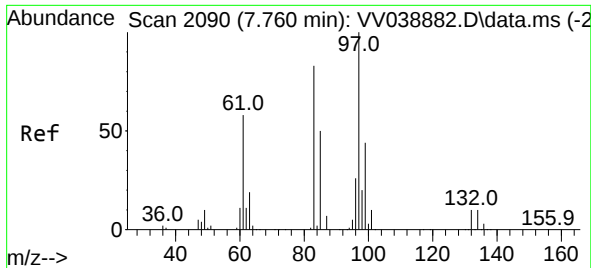
Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3

39 41.5 33.1 49.7

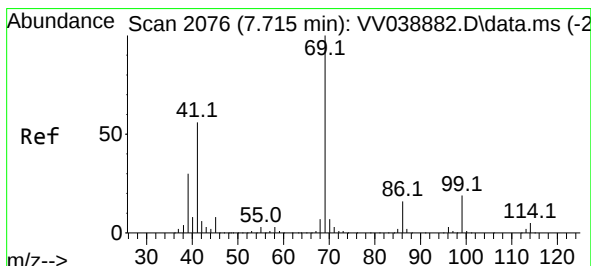
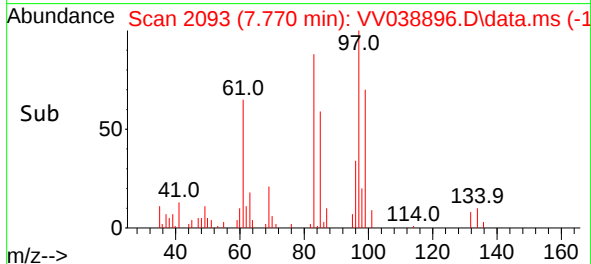
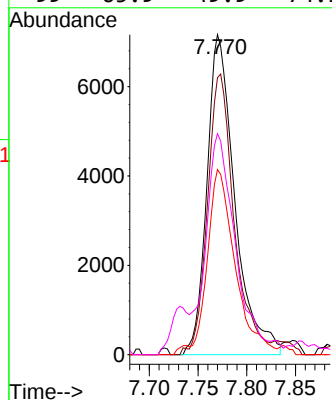
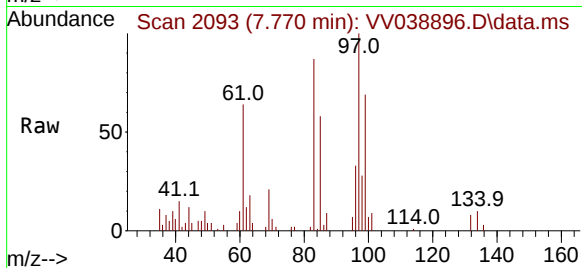




#55
 1,1,2-Trichloroethane
 Concen: 1.759 ug/l
 RT: 7.770 min Scan# 2090
 Delta R.T. 0.010 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

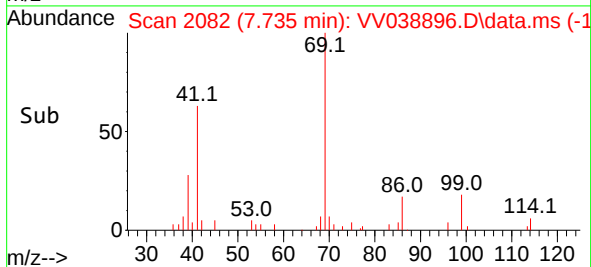
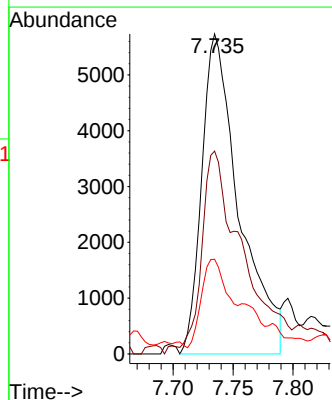
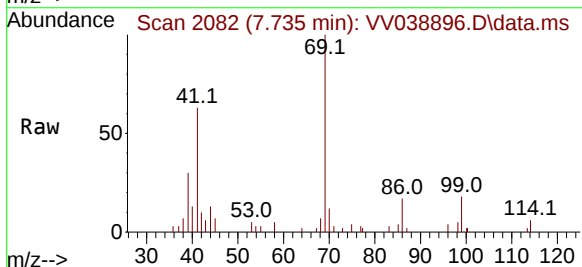
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

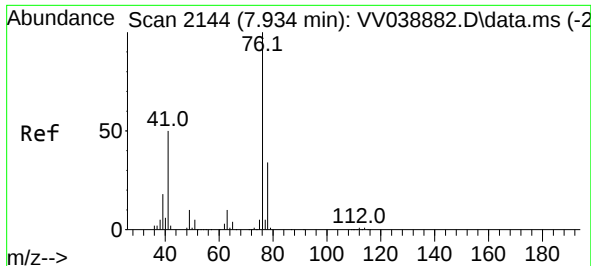
Tgt Ion: 97	Resp: 14281
Ion Ratio	Lower Upper
97 100	
83 86.6	66.2 99.4
85 55.7	41.4 62.2
99 65.9	49.9 74.9



#56
 Ethyl methacrylate
 Concen: 1.291 ug/l
 RT: 7.735 min Scan# 2082
 Delta R.T. 0.019 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

Tgt Ion: 69	Resp: 12462
Ion Ratio	Lower Upper
69 100	
41 70.1	45.7 68.5#
39 20.0	23.8 35.8#

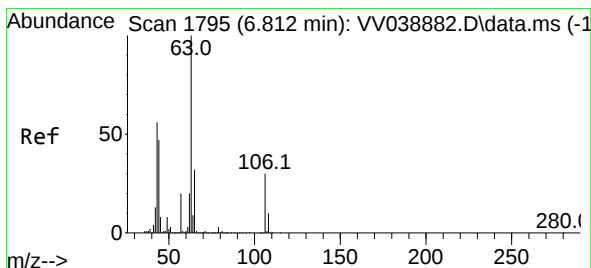
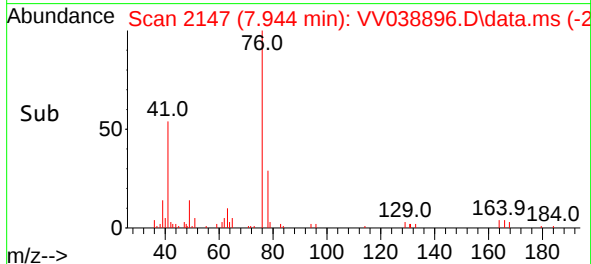
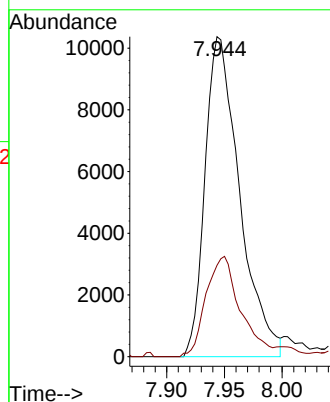
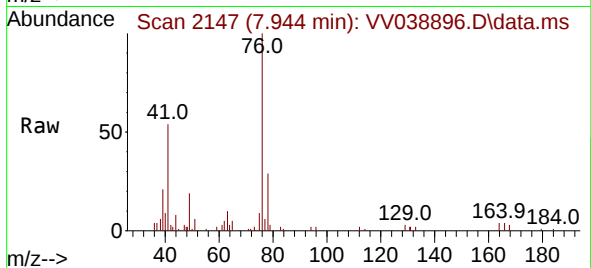




#57
1,3-Dichloropropane
Concen: 1.771 ug/l
RT: 7.944 min Scan# 2144
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

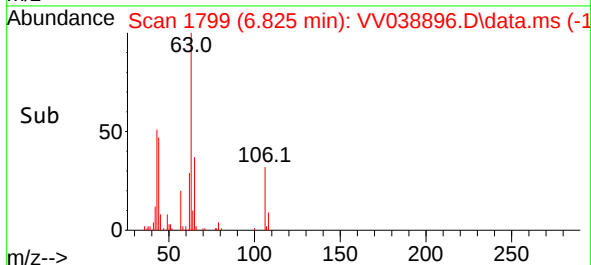
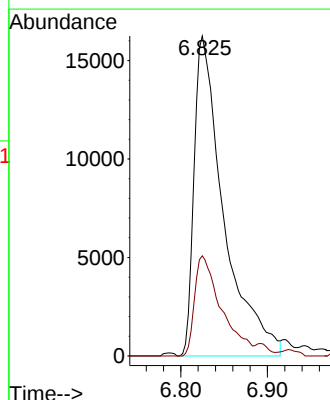
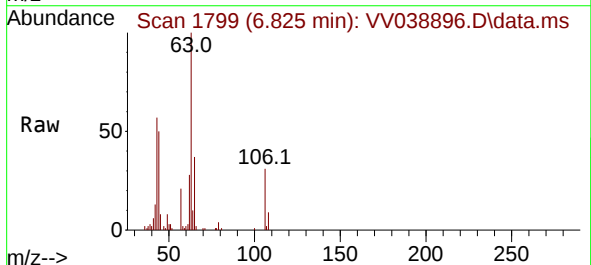
Instrument :
MSVOA_V
ClientSampleId :
MDL02

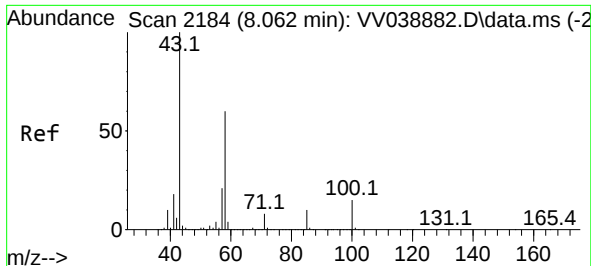
Tgt Ion: 76 Resp: 21561
Ion Ratio Lower Upper
76 100
78 31.2 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 6.619 ug/l
RT: 6.825 min Scan# 1799
Delta R.T. 0.013 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 63 Resp: 38546
Ion Ratio Lower Upper
63 100
106 28.5 24.1 36.1

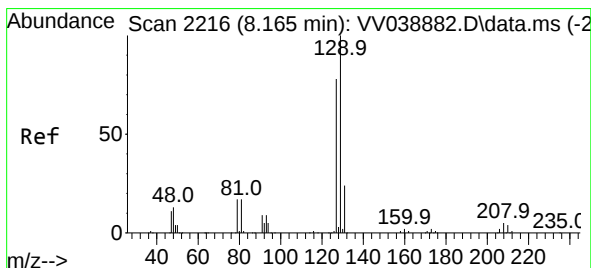
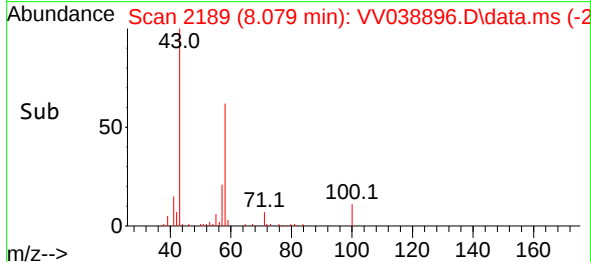
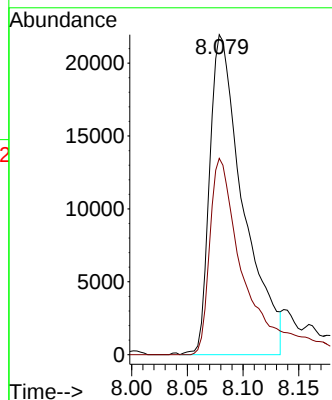
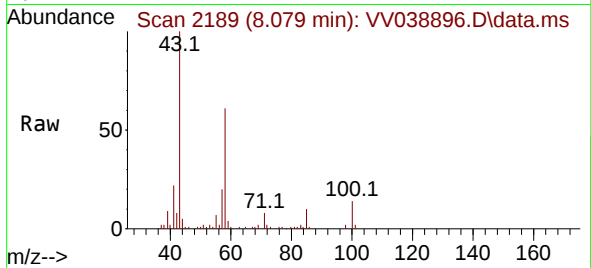




#59
2-Hexanone
Concen: 6.113 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.016 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

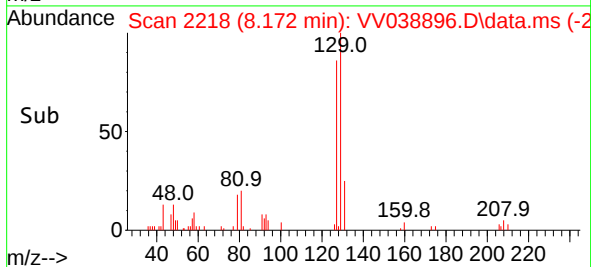
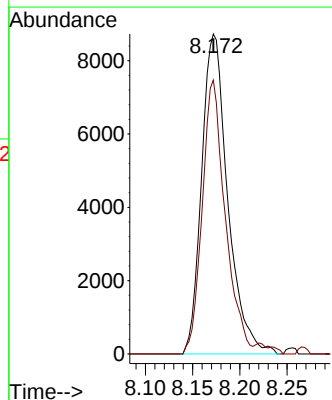
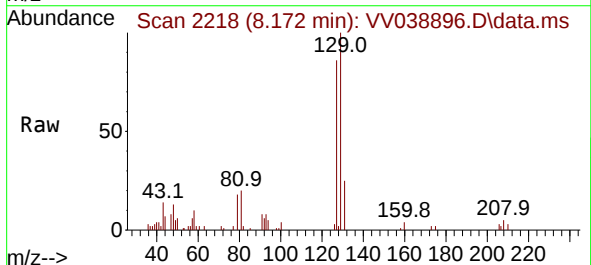
Instrument :
MSVOA_V
ClientSampleId :
MDL02

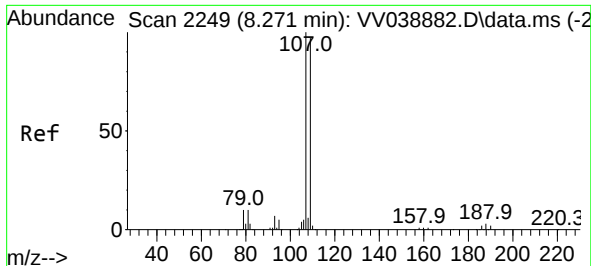
Tgt Ion: 43 Resp: 45900
Ion Ratio Lower Upper
43 100
58 63.9 29.6 88.8



#60
Dibromochloromethane
Concen: 1.752 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 129 Resp: 16750
Ion Ratio Lower Upper
129 100
127 75.6 39.4 118.2





#61

1,2-Dibromoethane

Concen: 1.813 ug/l

RT: 8.284 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

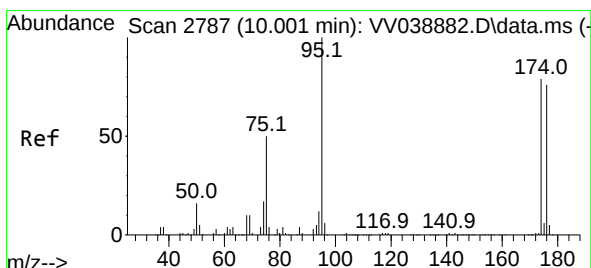
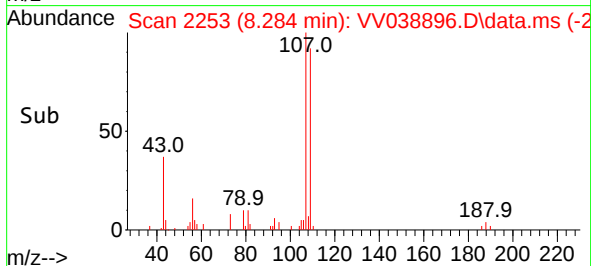
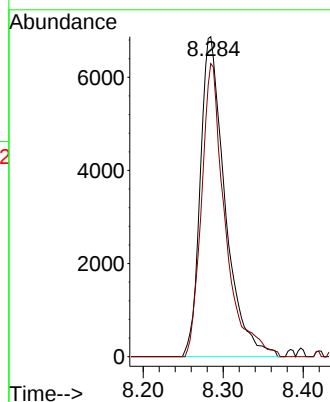
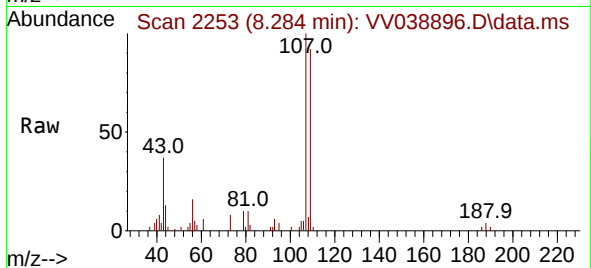
MDL02

Tgt Ion:107 Resp: 14831

Ion Ratio Lower Upper

107 100

109 87.2 77.1 115.7



#62

4-Bromofluorobenzene

Concen: 50.977 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

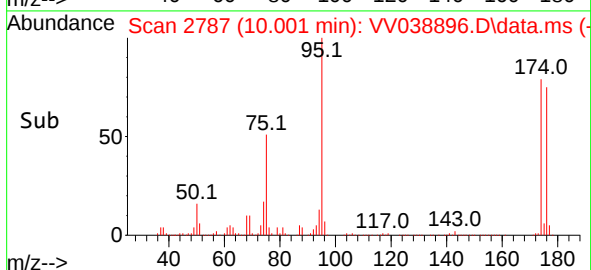
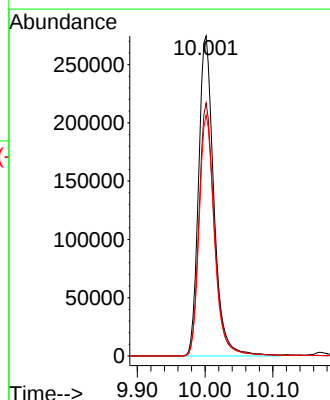
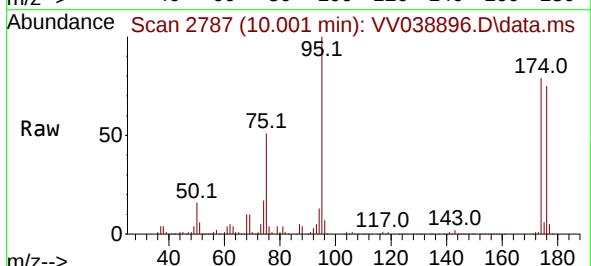
Tgt Ion: 95 Resp: 429694

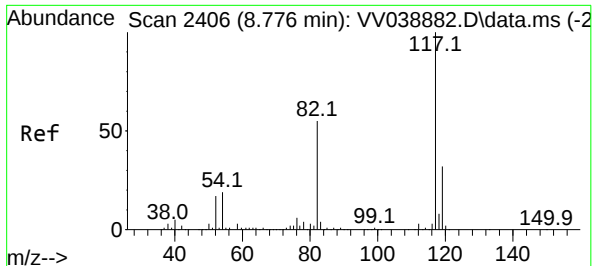
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.0

176 75.8 0.0 152.2

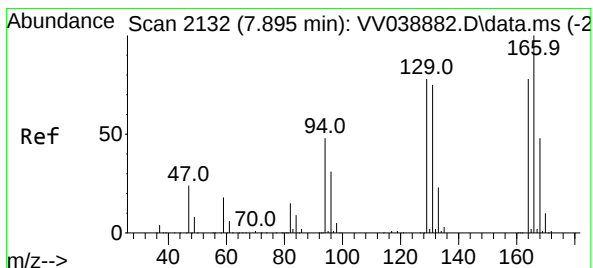
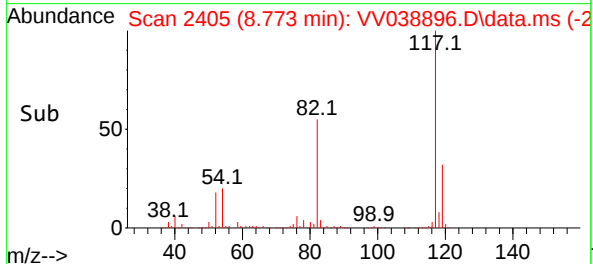
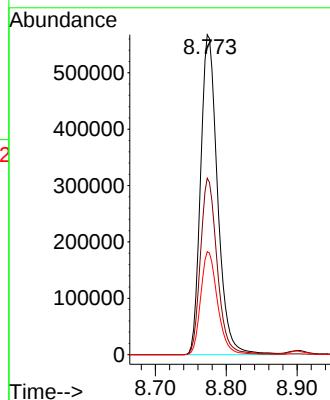
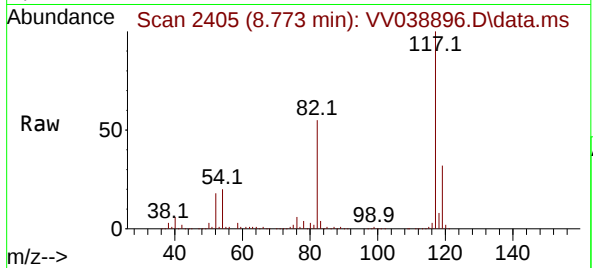




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

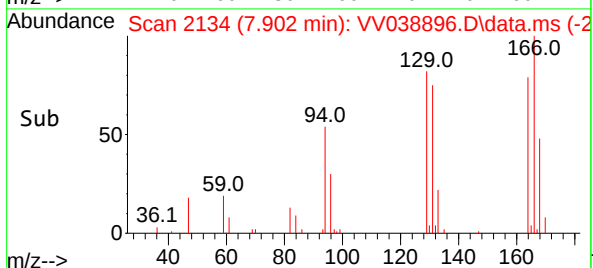
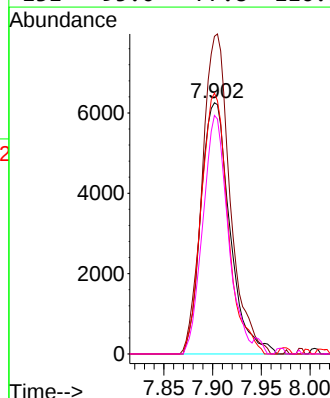
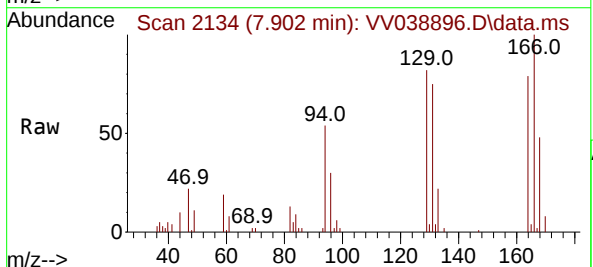
Instrument :
MSVOA_V
ClientSampleId :
MDL02

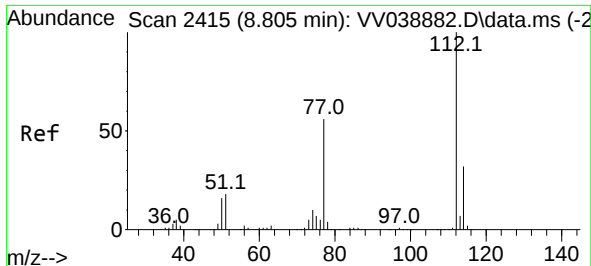
Tgt Ion:117 Resp: 944328
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 2.080 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:164 Resp: 12884
Ion Ratio Lower Upper
164 100
166 126.5 103.2 154.8
129 103.9 81.0 121.4
131 95.0 77.8 116.8

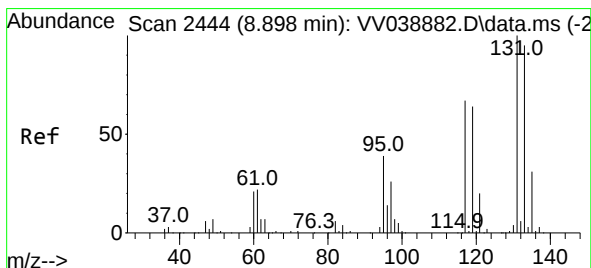
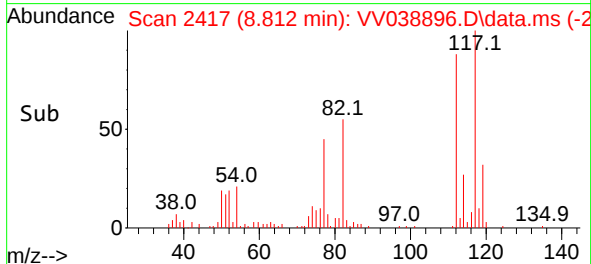
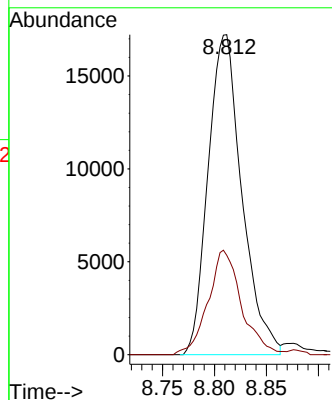
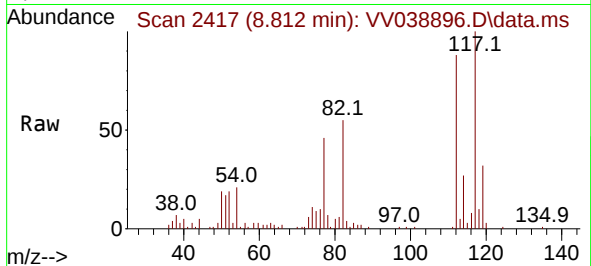




#65
Chlorobenzene
Concen: 1.889 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

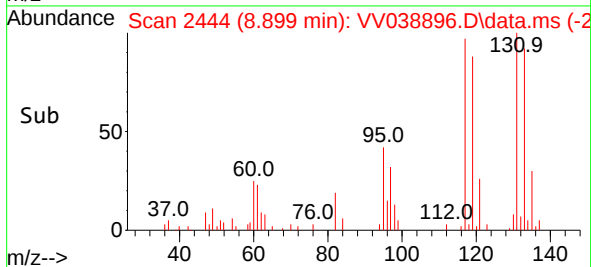
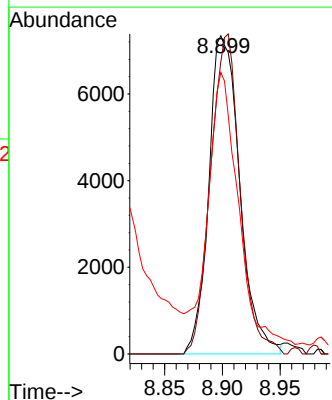
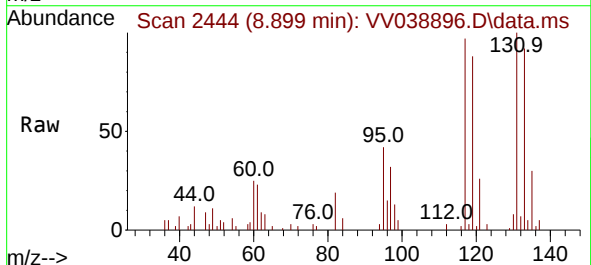
Instrument :
MSVOA_V
ClientSampleId :
MDL02

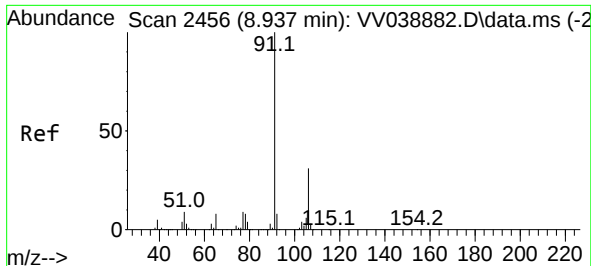
Tgt Ion:112 Resp: 38967
Ion Ratio Lower Upper
112 100
114 30.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 1.661 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:131 Resp: 13671
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 82.3 32.0 96.2





#67

Ethyl Benzene

Concen: 1.728 ug/l

RT: 8.944 min Scan# 2456

Delta R.T. 0.007 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

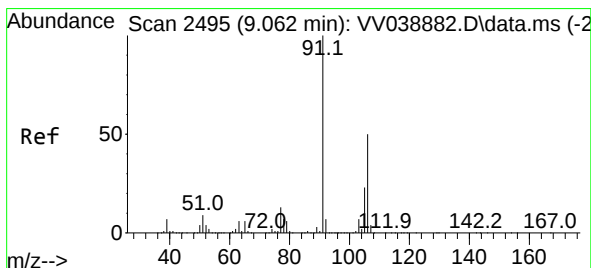
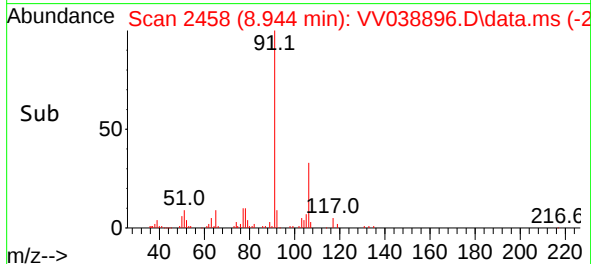
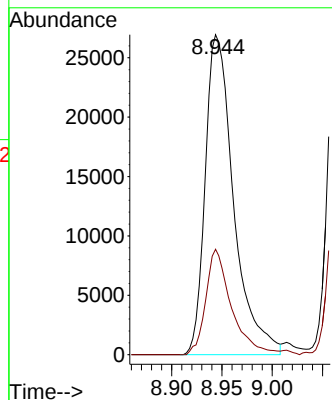
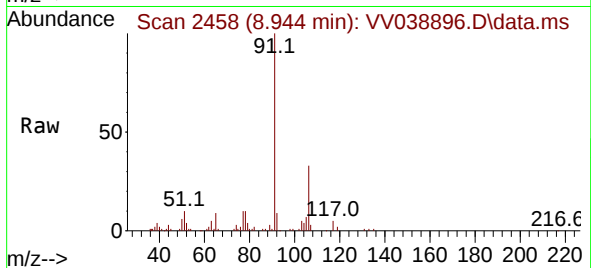
MDL02

Tgt Ion: 91 Resp: 52951

Ion Ratio Lower Upper

91 100

106 33.0 24.8 37.2



#68

m/p-Xylenes

Concen: 3.217 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038896.D

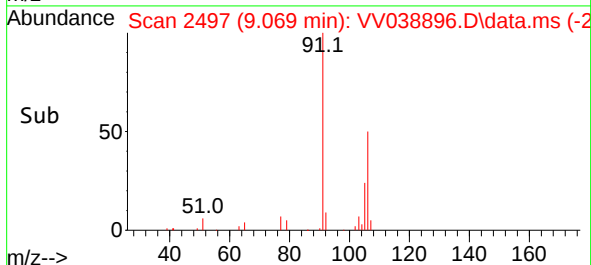
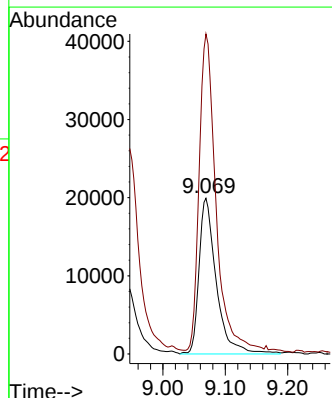
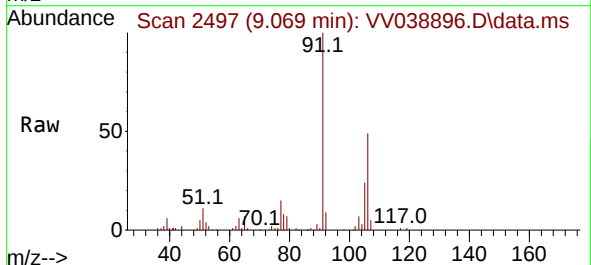
Acq: 15 Jul 2025 12:00

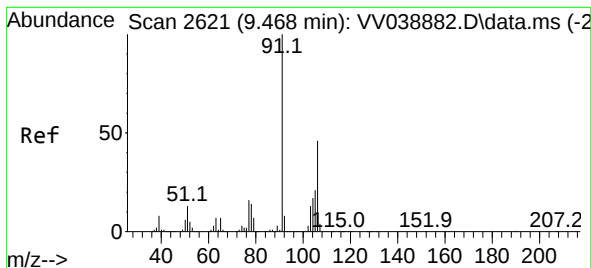
Tgt Ion: 106 Resp: 38374

Ion Ratio Lower Upper

106 100

91 195.4 161.0 241.6





#69

o-Xylene

Concen: 1.652 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

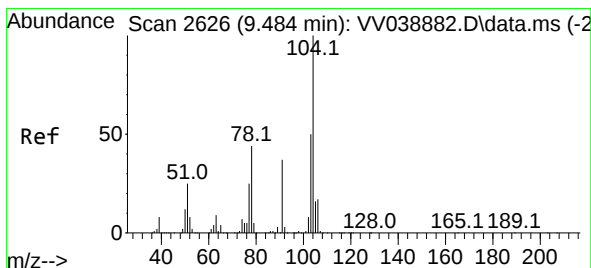
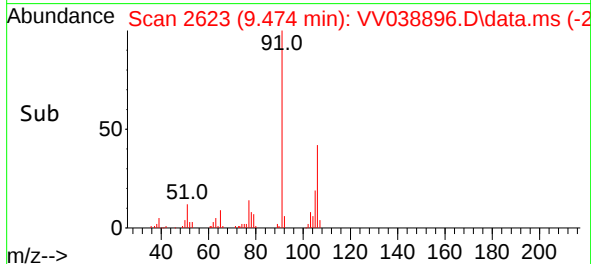
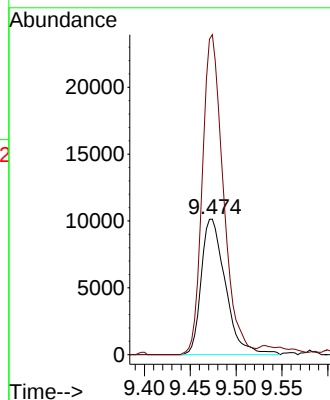
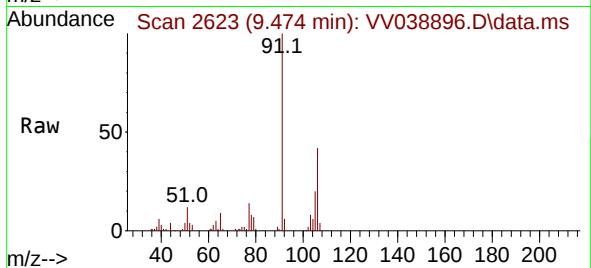
MDL02

Tgt Ion:106 Resp: 18605

Ion Ratio Lower Upper

106 100

91 205.6 108.9 326.6



#70

Styrene

Concen: 1.463 ug/l

RT: 9.497 min Scan# 2630

Delta R.T. 0.013 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

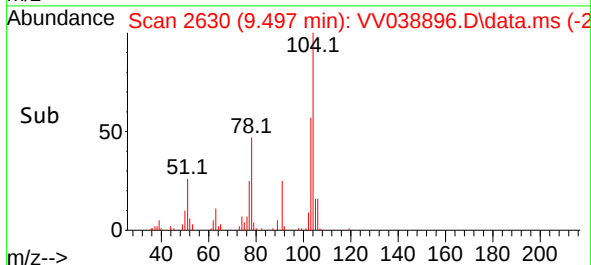
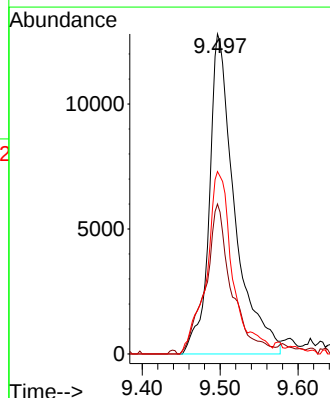
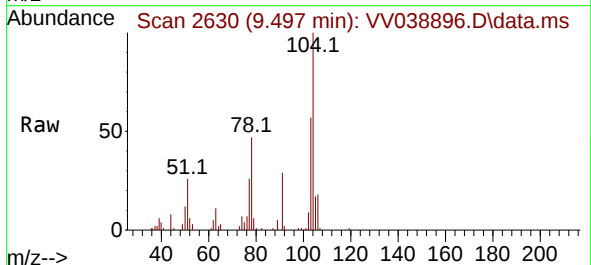
Tgt Ion:104 Resp: 29106

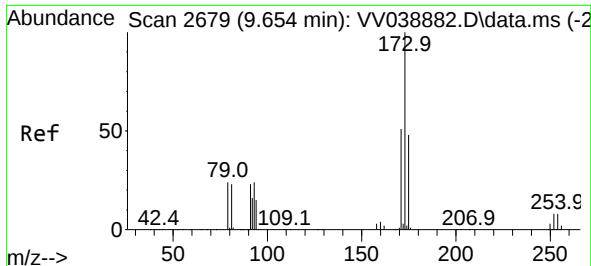
Ion Ratio Lower Upper

104 100

78 48.3 39.9 59.9

103 59.0 43.4 65.2

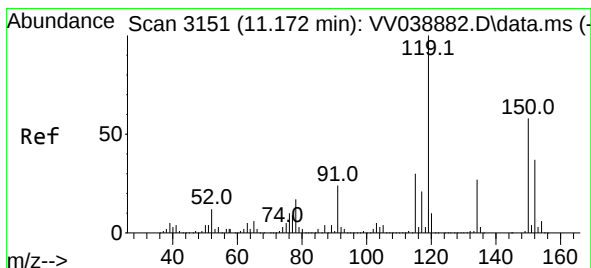
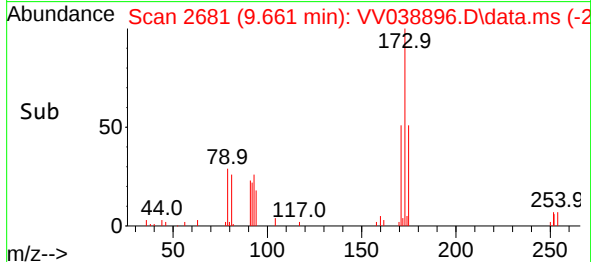
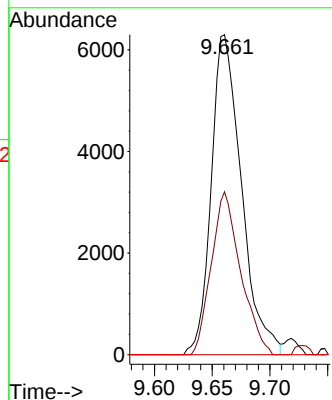
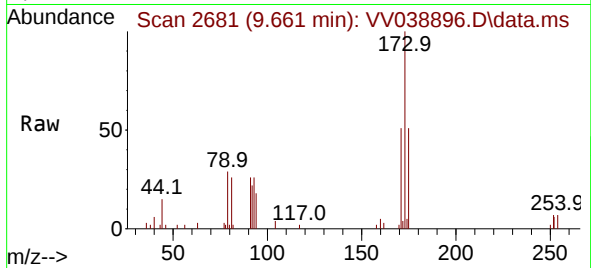




#71
Bromoform
Concen: 1.710 ug/l
RT: 9.661 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

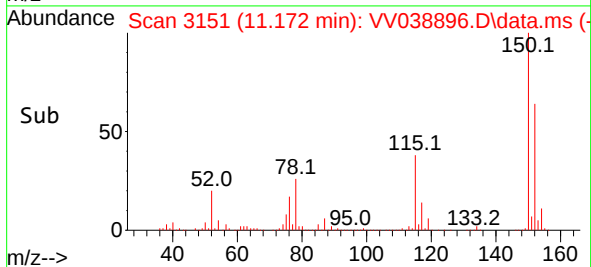
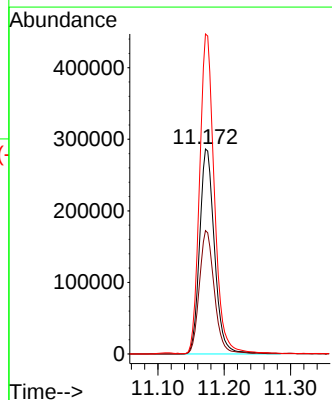
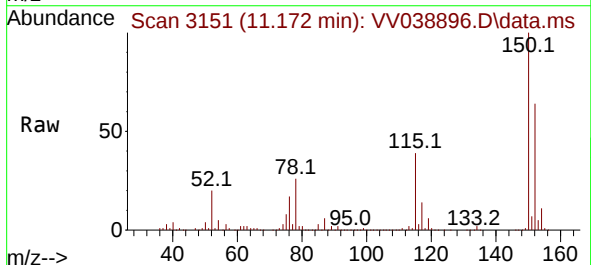
Instrument :
MSVOA_V
ClientSampleId :
MDL02

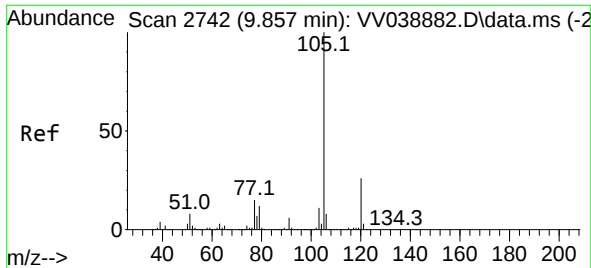
Tgt Ion:173 Resp: 11437
Ion Ratio Lower Upper
173 100
175 49.5 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:152 Resp: 446776
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 154.6 0.0 342.4

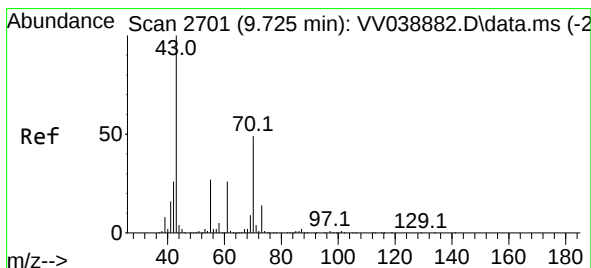
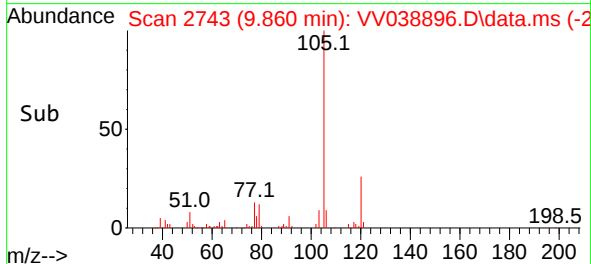
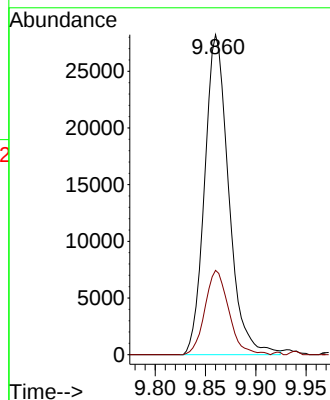
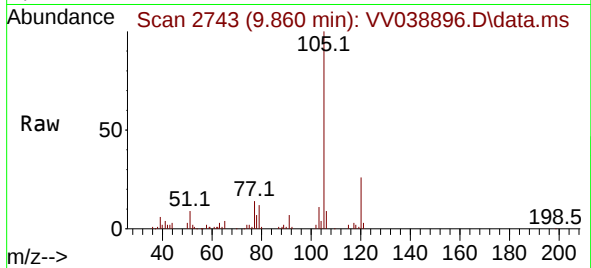




#73
Isopropylbenzene
Concen: 1.762 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

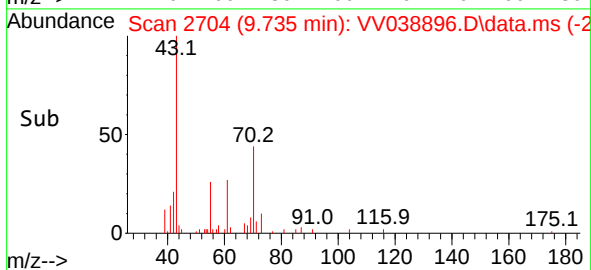
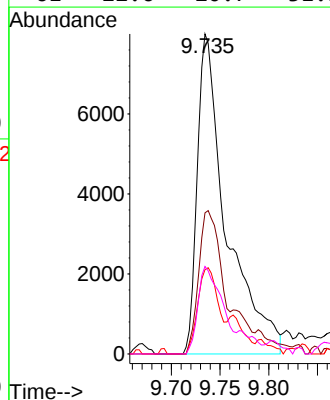
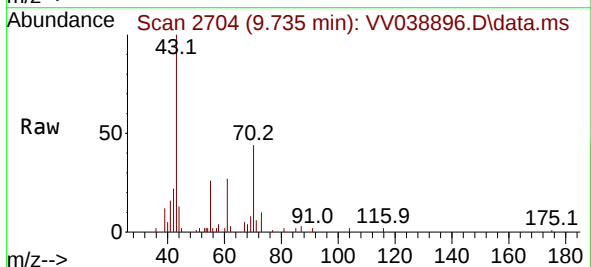
Instrument :
MSVOA_V
ClientSampleId :
MDL02

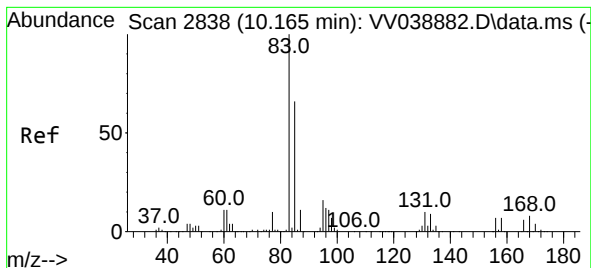
Tgt Ion:105 Resp: 47043
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 1.702 ug/l
RT: 9.735 min Scan# 2704
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 43 Resp: 16645
Ion Ratio Lower Upper
43 100
70 42.1 38.6 58.0
55 19.5 21.8 32.8#
61 22.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.100 ug/l

RT: 10.172 min Scan# 2840

Delta R.T. 0.007 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

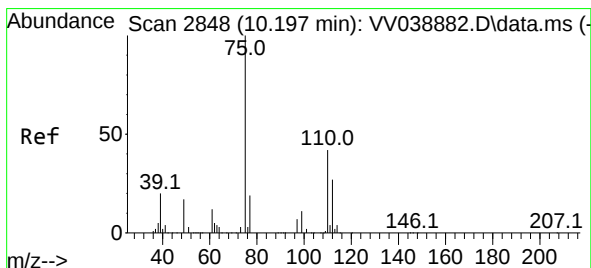
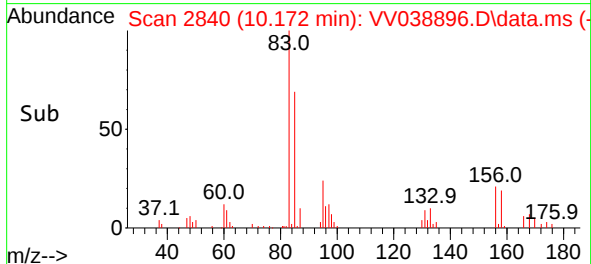
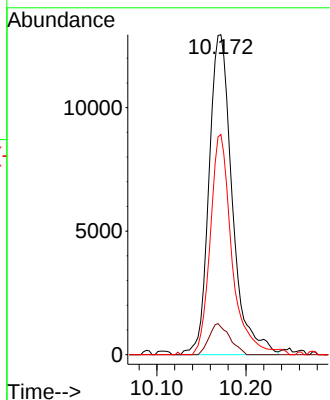
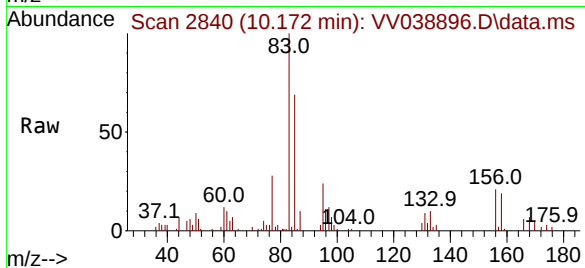
Tgt Ion: 83 Resp: 23480

Ion Ratio Lower Upper

83 100

131 8.5 5.1 15.4

85 63.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 1.910 ug/l

RT: 10.204 min Scan# 2850

Delta R.T. 0.007 min

Lab File: VV038896.D

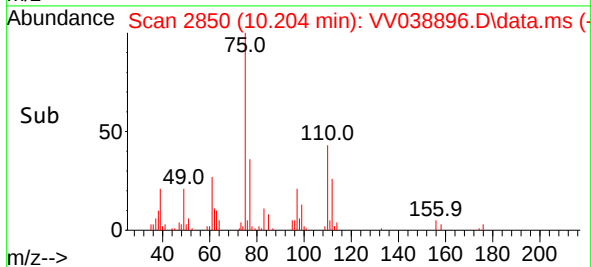
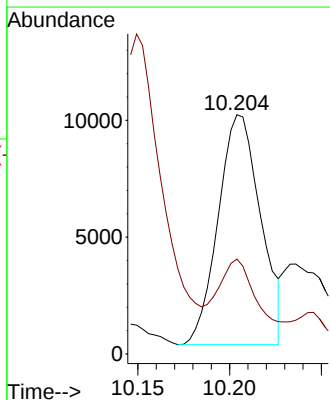
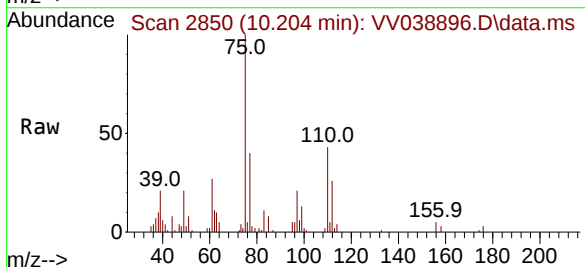
Acq: 15 Jul 2025 12:00

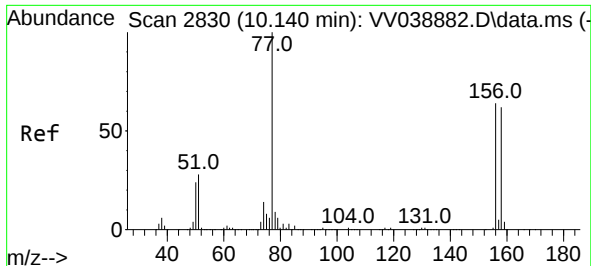
Tgt Ion: 75 Resp: 15868

Ion Ratio Lower Upper

75 100

77 38.1 17.4 52.3

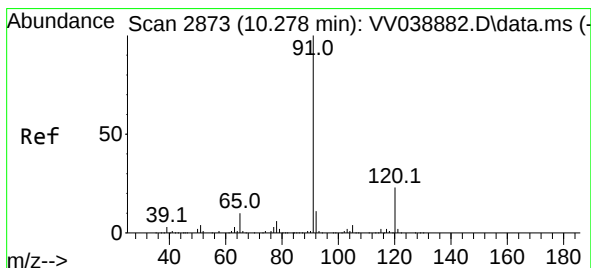
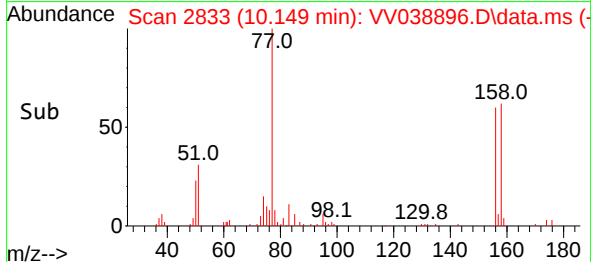
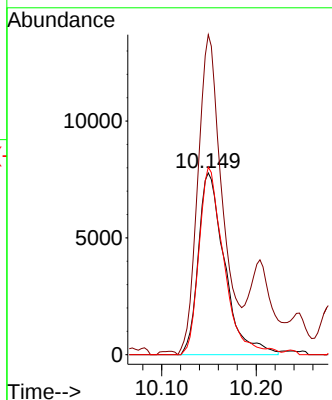
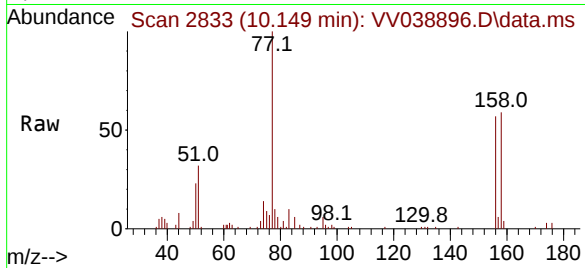




#77
Bromobenzene
Concen: 2.148 ug/l
RT: 10.149 min Scan# 2833
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

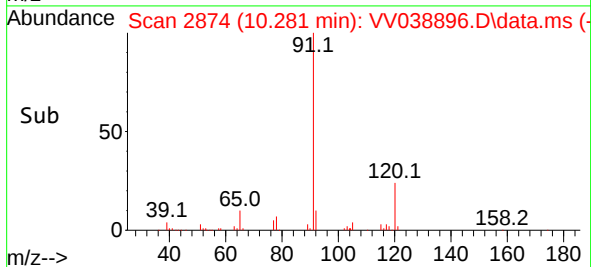
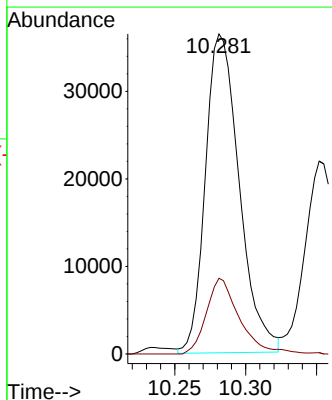
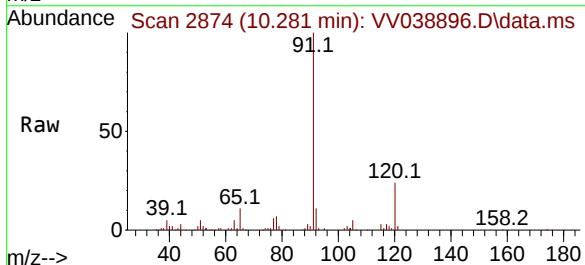
Instrument :
MSVOA_V
ClientSampleId :
MDL02

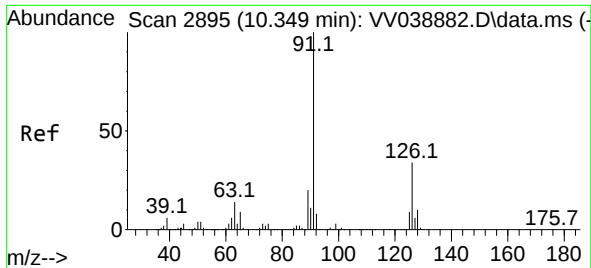
Tgt Ion:156 Resp: 15042
Ion Ratio Lower Upper
156 100
77 161.8 77.2 231.6
158 97.9 48.4 145.3



#78
n-propylbenzene
Concen: 1.942 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 91 Resp: 60583
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 1.984 ug/l

RT: 10.352 min Scan# 2896

Delta R.T. 0.003 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

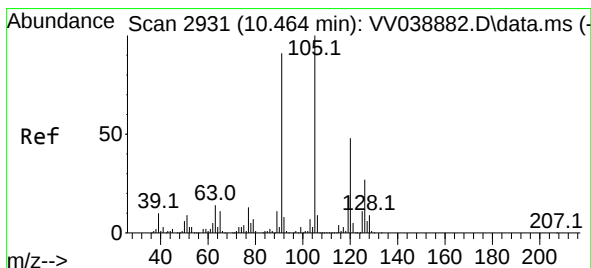
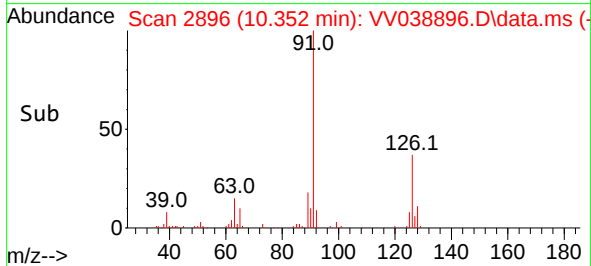
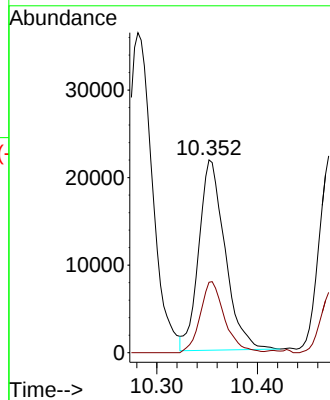
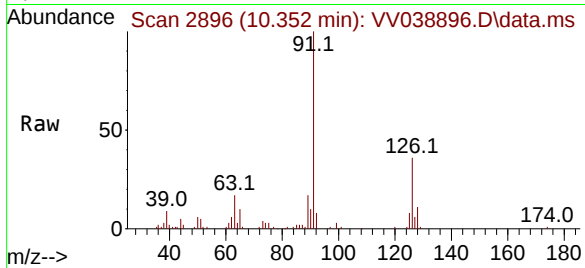
MDL02

Tgt Ion: 91 Resp: 39372

Ion Ratio Lower Upper

91 100

126 34.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 1.762 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038896.D

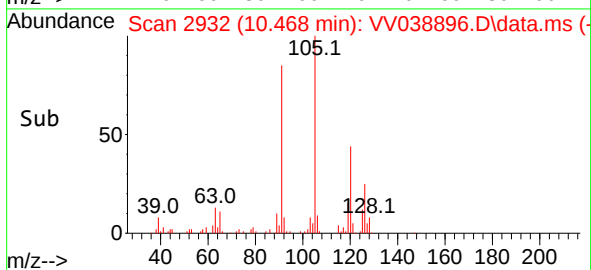
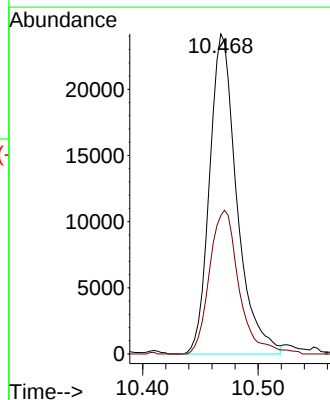
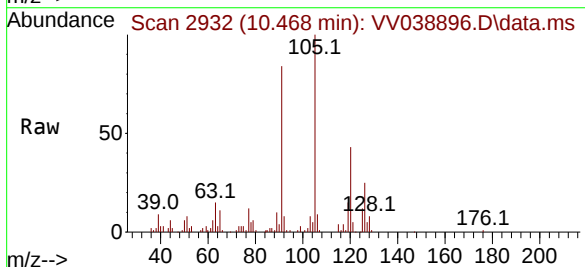
Acq: 15 Jul 2025 12:00

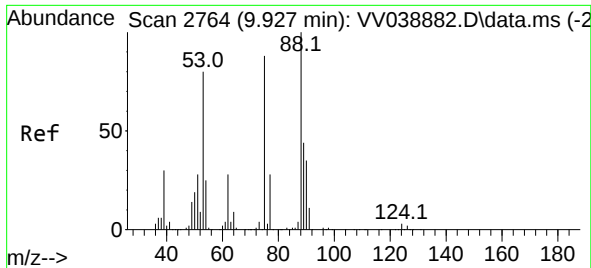
Tgt Ion:105 Resp: 39674

Ion Ratio Lower Upper

105 100

120 48.6 24.0 72.0

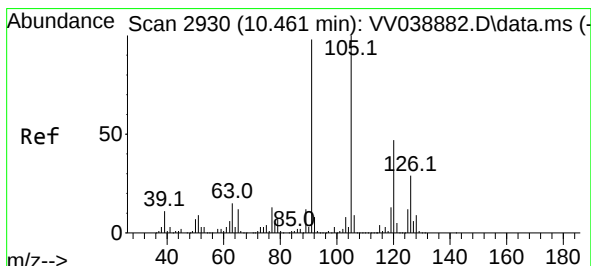
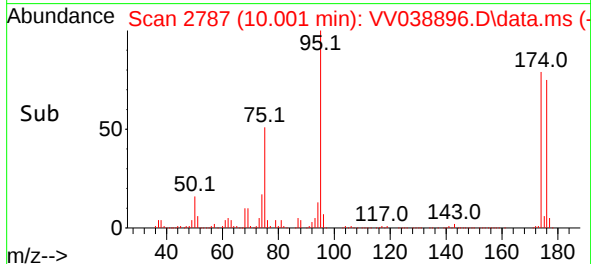
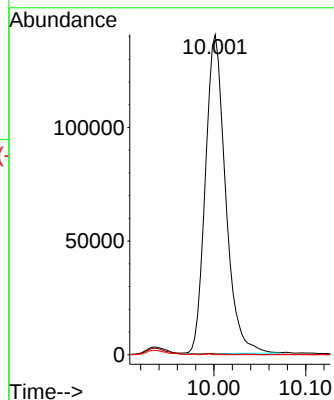
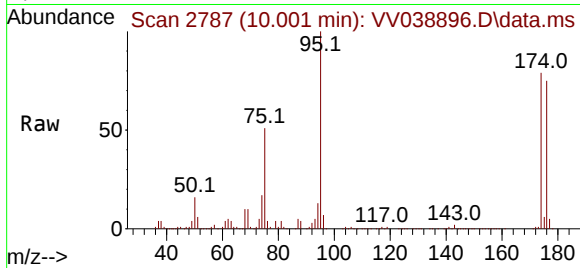




#81
trans-1,4-Dichloro-2-butene
Concen: 63.132 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

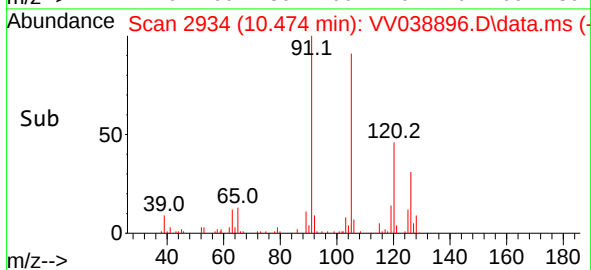
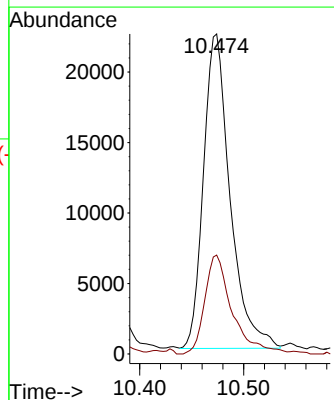
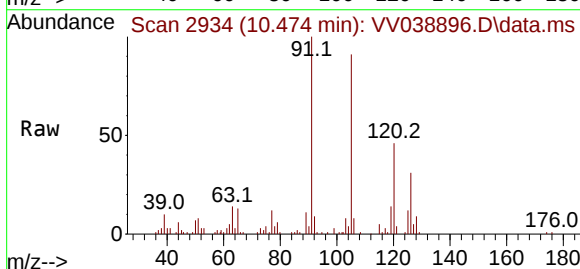
Instrument :
MSVOA_V
ClientSampleId :
MDL02

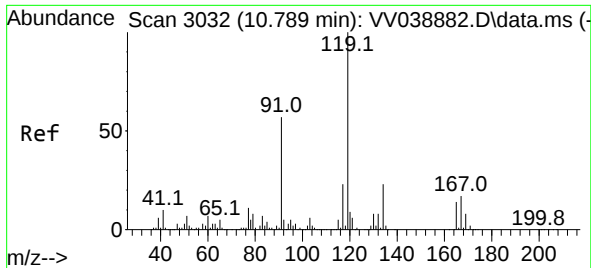
Tgt Ion: 75 Resp: 214897
Ion Ratio Lower Upper
75 100
53 0.3 71.3 106.9#
89 0.1 42.2 63.2#



#82
4-Chlorotoluene
Concen: 1.790 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 91 Resp: 39708
Ion Ratio Lower Upper
91 100
126 32.3 14.9 44.9

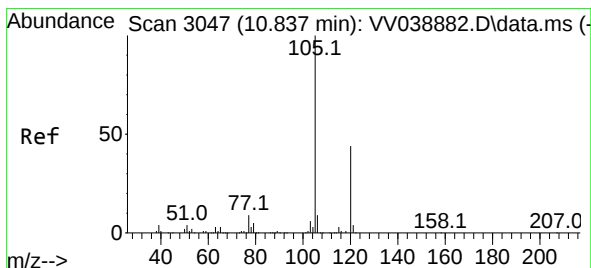
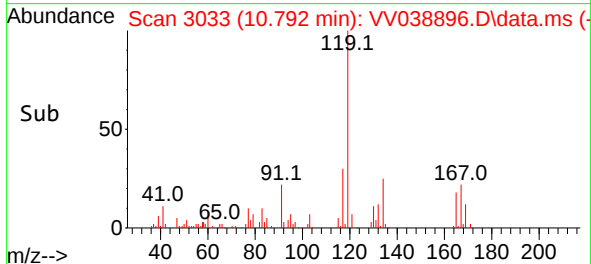
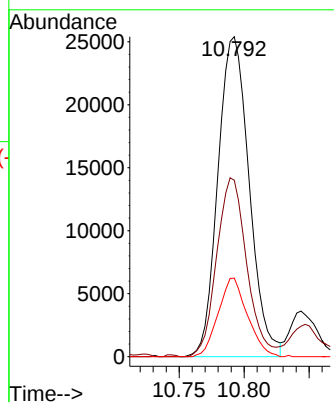
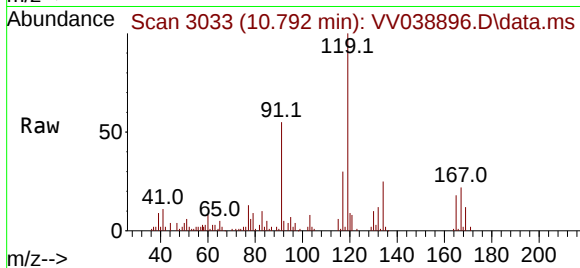




#83
 tert-Butylbenzene
 Concen: 1.801 ug/l
 RT: 10.792 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

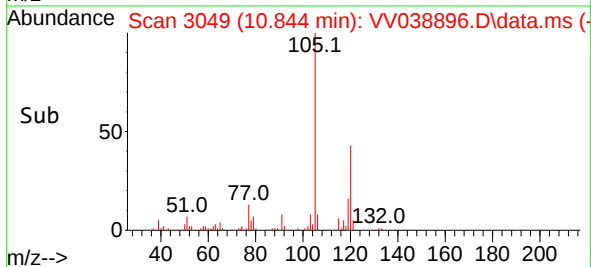
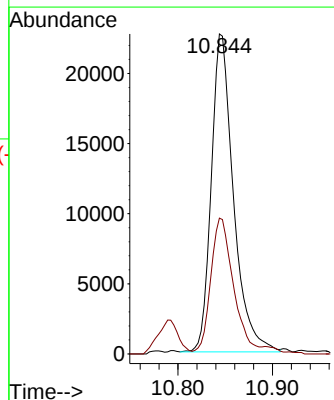
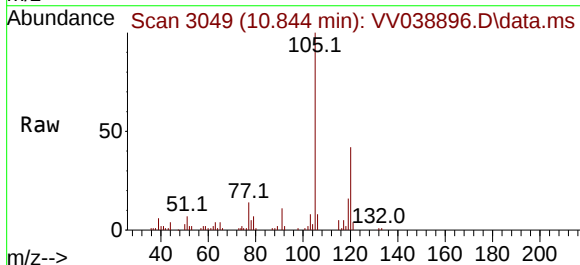
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

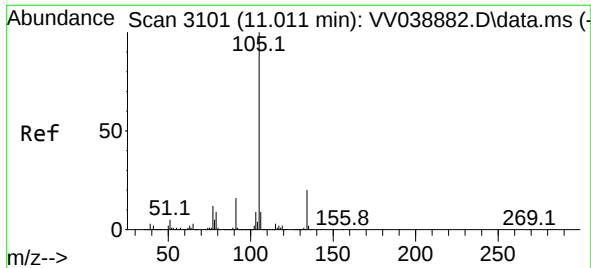
Tgt Ion:	119	Resp:	42518
Ion	Ratio	Lower	Upper
119	100		
91	53.5	28.1	84.2
134	22.9	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.670 ug/l
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.007 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

Tgt Ion:	105	Resp:	36995
Ion	Ratio	Lower	Upper
105	100		
120	41.7	22.6	67.8

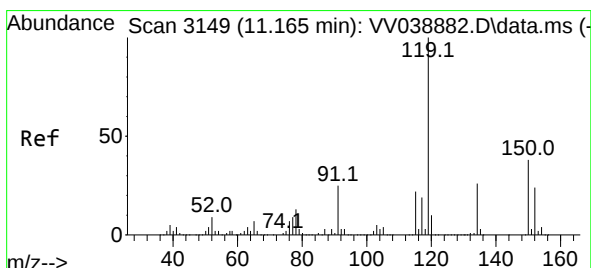
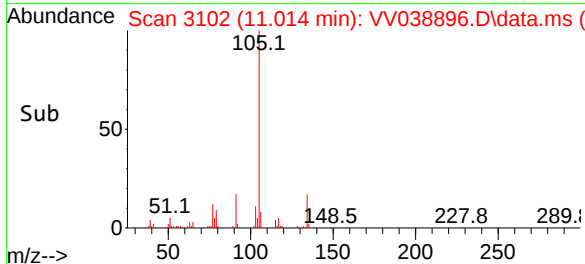
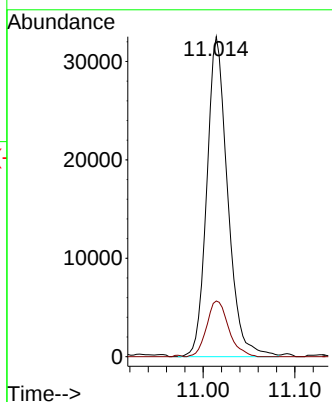
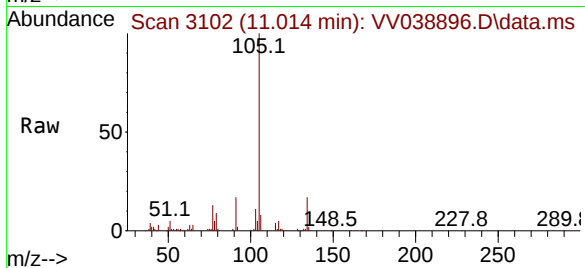




#85
 sec-Butylbenzene
 Concen: 1.706 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

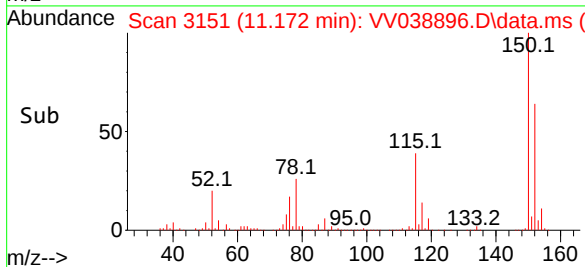
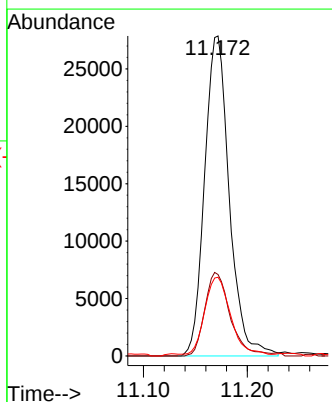
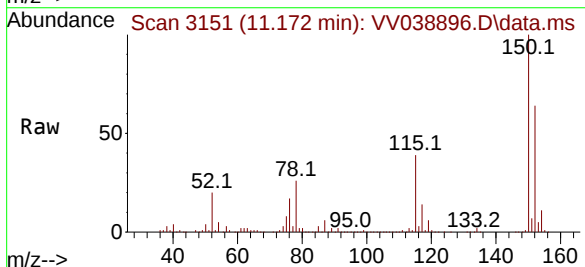
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

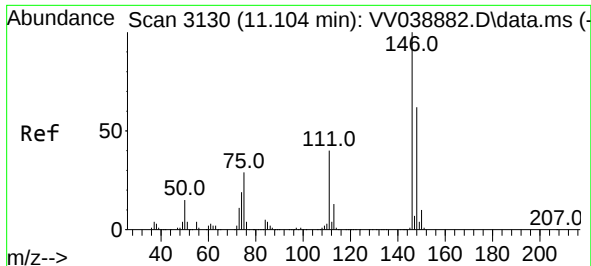
Tgt Ion:105 Resp: 51390
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 1.800 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: VV038896.D
 Acq: 15 Jul 2025 12:00

Tgt Ion:119 Resp: 46027
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 25.2 12.3 36.8

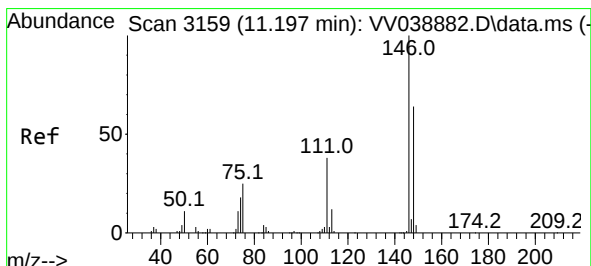
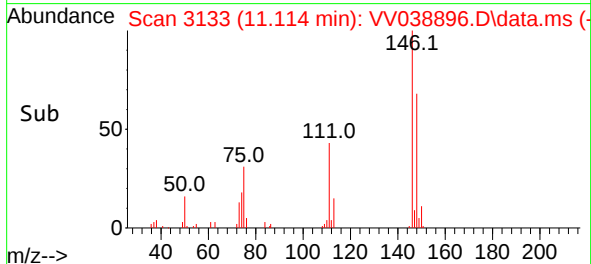
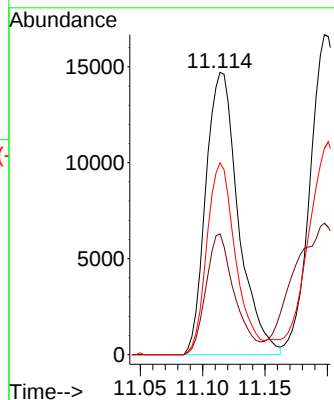
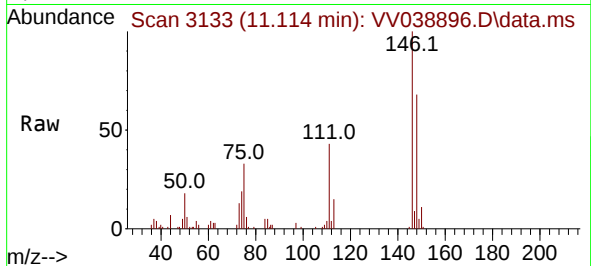




#87
1,3-Dichlorobenzene
Concen: 1.874 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

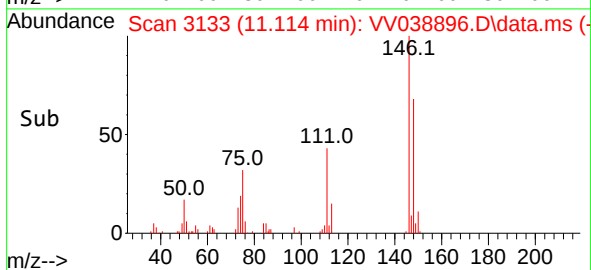
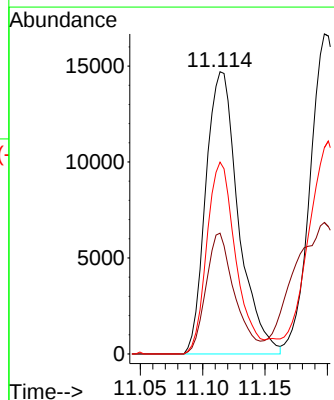
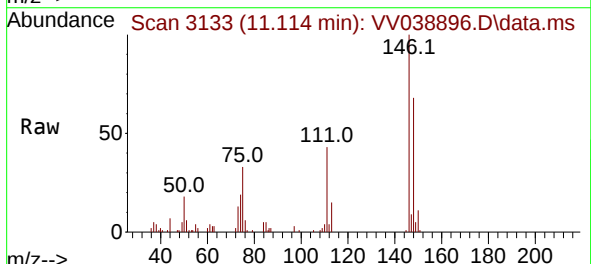
Instrument :
MSVOA_V
ClientSampleId :
MDL02

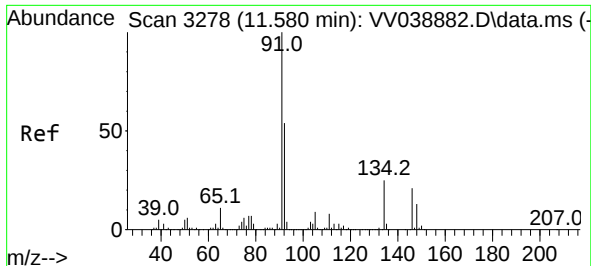
Tgt Ion:146 Resp: 26787
Ion Ratio Lower Upper
146 100
111 37.7 20.2 60.5
148 60.6 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 1.723 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. -0.084 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:146 Resp: 26787
Ion Ratio Lower Upper
146 100
111 37.7 19.8 59.3
148 60.6 32.1 96.5

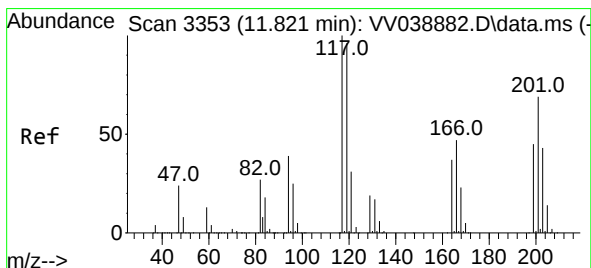
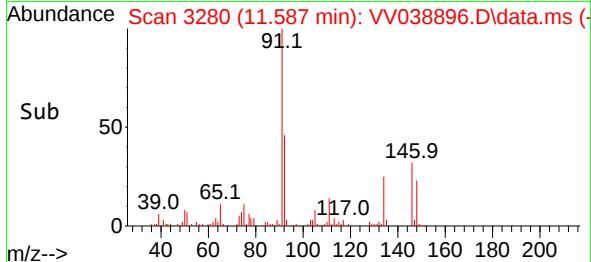
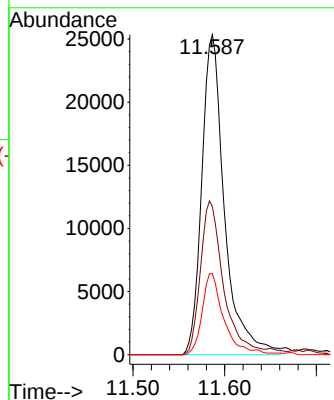
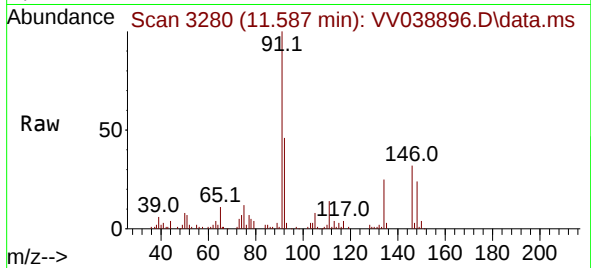




#89
n-Butylbenzene
Concen: 1.871 ug/l
RT: 11.587 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

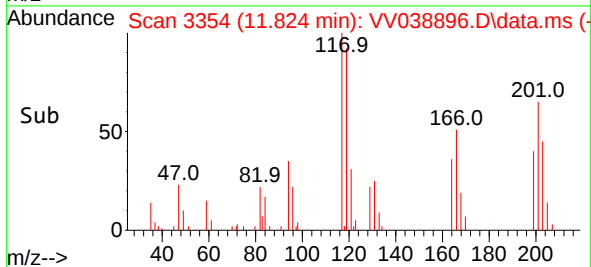
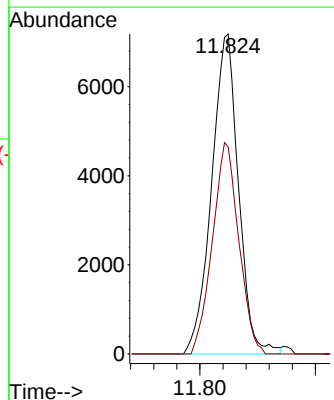
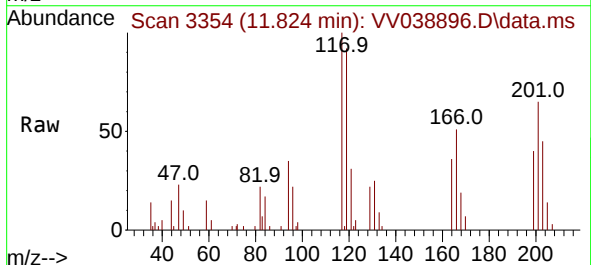
Instrument :
MSVOA_V
ClientSampleId :
MDL02

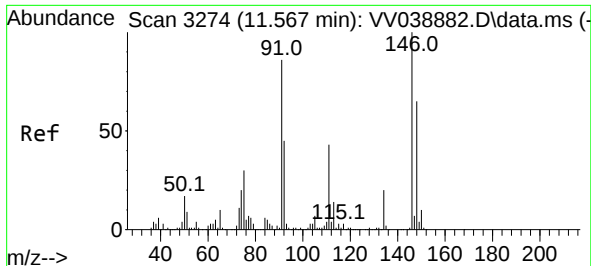
Tgt Ion: 91 Resp: 43684
Ion Ratio Lower Upper
91 100
92 48.6 26.7 80.1
134 24.3 12.7 38.1



#90
Hexachloroethane
Concen: 1.908 ug/l
RT: 11.824 min Scan# 3354
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 117 Resp: 11604
Ion Ratio Lower Upper
117 100
201 64.7 34.0 102.0

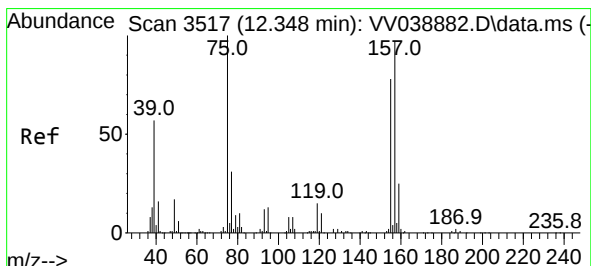
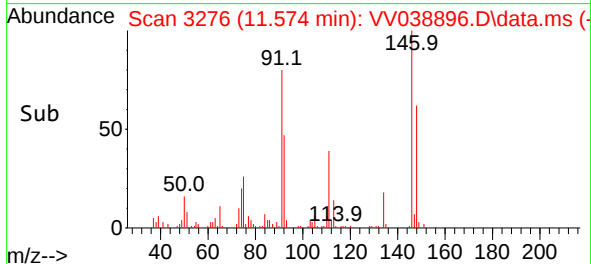
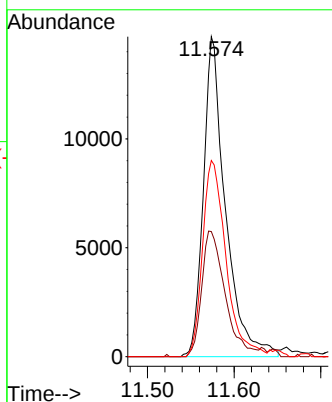
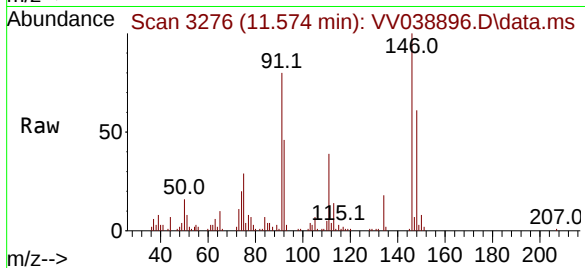




#91
1,2-Dichlorobenzene
Concen: 1.871 ug/l
RT: 11.574 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

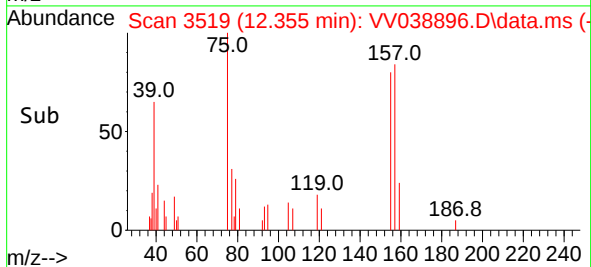
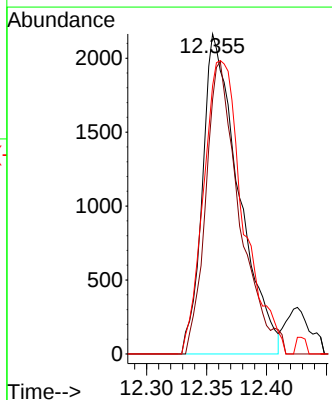
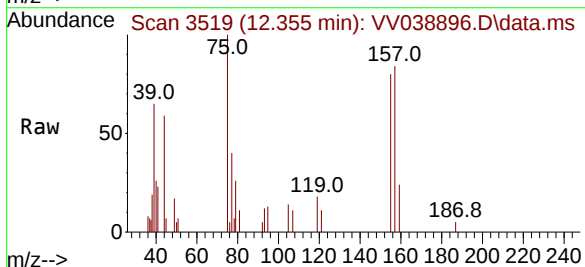
Instrument :
MSVOA_V
ClientSampleId :
MDL02

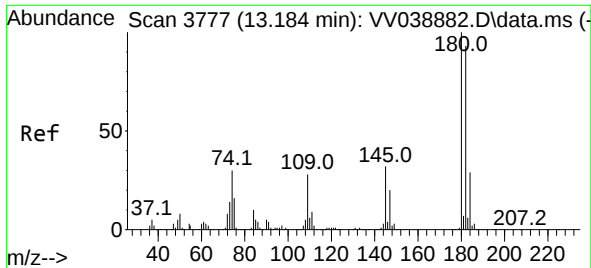
Tgt Ion:146 Resp: 25956
Ion Ratio Lower Upper
146 100
111 41.8 21.4 64.3
148 65.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.793 ug/l
RT: 12.355 min Scan# 3519
Delta R.T. 0.006 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion: 75 Resp: 4532
Ion Ratio Lower Upper
75 100
155 85.4 40.2 120.6
157 100.2 51.1 153.3

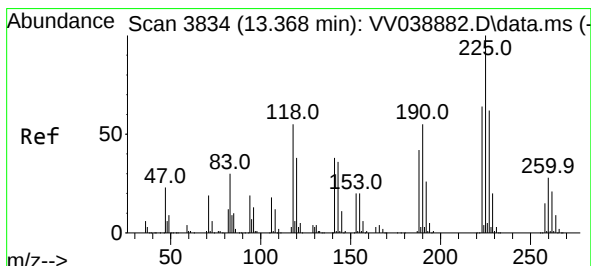
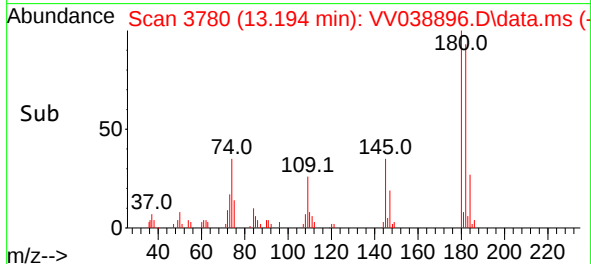
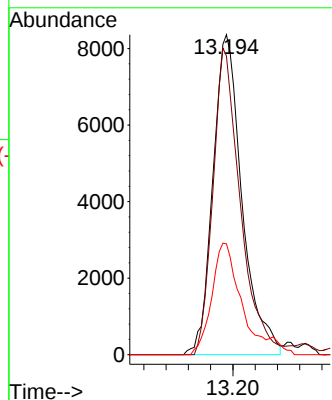
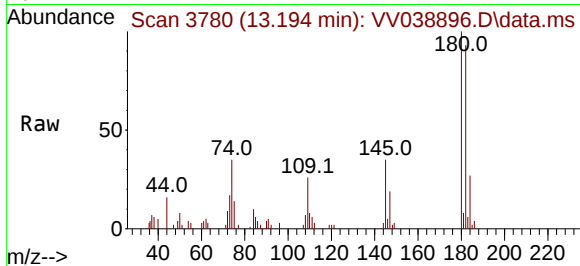




#93
1,2,4-Trichlorobenzene
Concen: 1.847 ug/l
RT: 13.194 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

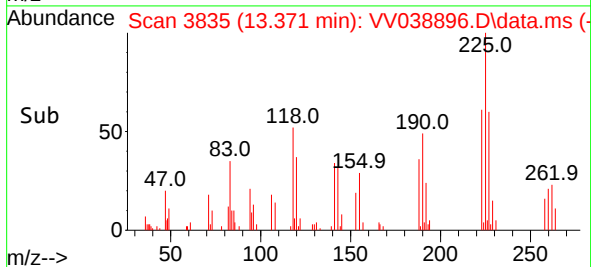
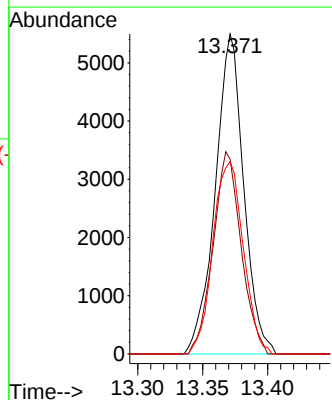
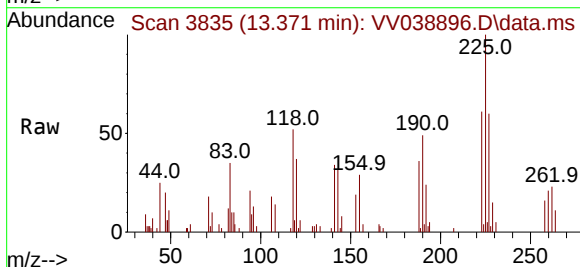
Instrument :
MSVOA_V
ClientSampleId :
MDL02

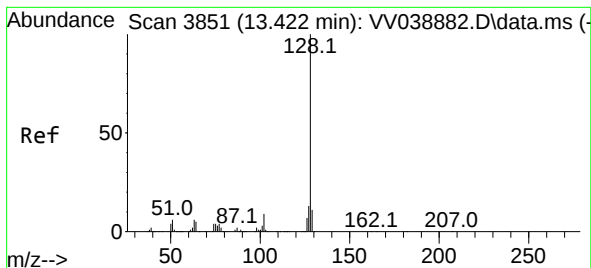
Tgt Ion:180 Resp: 15126
Ion Ratio Lower Upper
180 100
182 90.3 47.4 142.3
145 34.3 16.2 48.6



#94
Hexachlorobutadiene
Concen: 1.981 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038896.D
Acq: 15 Jul 2025 12:00

Tgt Ion:225 Resp: 8355
Ion Ratio Lower Upper
225 100
223 62.4 32.4 97.2
227 64.4 31.3 93.9





#95

Naphthalene

Concen: 1.567 ug/l

RT: 13.432 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

MDL02

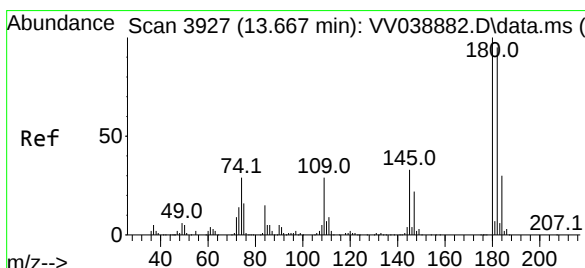
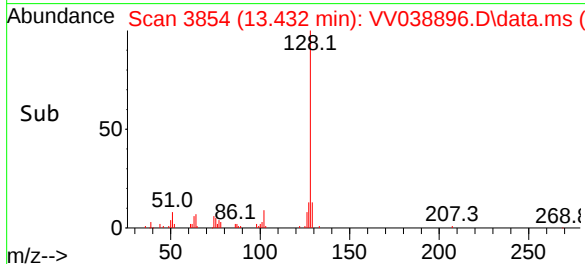
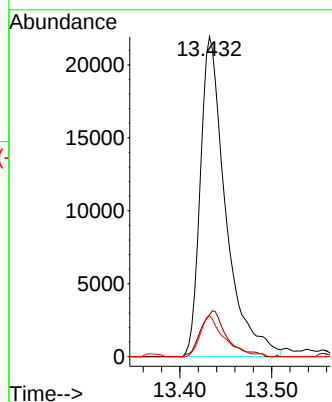
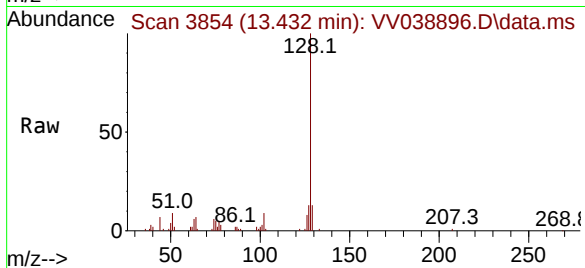
Tgt Ion:128 Resp: 42176

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 12.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.672 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.007 min

Lab File: VV038896.D

Acq: 15 Jul 2025 12:00

Tgt Ion:180 Resp: 14198

Ion Ratio Lower Upper

180 100

182 101.7 47.0 141.2

145 38.3 17.0 51.0

