

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038846.D
 Acq On : 02 Jul 2025 17:21
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 03 04:18:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 04:16:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	359776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	622990	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	581664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	285971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	174450	43.265	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	86.520%
35) Dibromofluoromethane	4.510	113	155912	39.510	ug/l	0.01
Spiked Amount	50.000	Range	80 - 119	Recovery	=	79.020%#
50) Toluene-d8	7.239	98	434625	34.042	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	68.080%#
62) 4-Bromofluorobenzene	10.005	95	161139	31.239	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	62.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	1034	0.303	ug/l	91
3) Chloromethane	1.230	50	2771	0.661	ug/l	100
4) Vinyl Chloride	1.298	62	1718	0.441	ug/l #	86
5) Bromomethane	1.503	94	1634	0.687	ug/l	82
6) Chloroethane	1.564	64	1094	0.419	ug/l #	84
7) Trichlorofluoromethane	1.728	101	2552	0.370	ug/l #	79
8) Diethyl Ether	1.921	74	540	0.225	ug/l #	18
9) 1,1,2-Trichlorotrifluo...	2.085	101	1394	0.358	ug/l	96
10) Methyl Iodide	2.204	142	1411	0.285	ug/l #	66
11) Tert butyl alcohol	2.580	59	517	0.982	ug/l #	73
12) 1,1-Dichloroethene	2.082	96	1351	0.365	ug/l #	78
13) Acrolein	2.005	56	377	2.869	ug/l #	17
14) Allyl chloride	2.368	41	2547	0.511	ug/l #	54
15) Acrylonitrile	2.722	53	1641	0.891	ug/l #	65
16) Acetone	2.127	43	4197	3.123	ug/l	99
17) Carbon Disulfide	2.259	76	4635	0.540	ug/l	100
18) Methyl Acetate	2.394	43	247	0.054	ug/l #	48
19) Methyl tert-butyl Ether	2.719	73	3315	0.289	ug/l #	84
20) Methylene Chloride	2.465	84	3508	0.790	ug/l #	95
21) trans-1,2-Dichloroethene	2.712	96	1462	0.395	ug/l #	61
22) Diisopropyl ether	3.227	45	2614	0.256	ug/l #	16
23) Vinyl Acetate	3.223	43	968	0.131	ug/l #	68
24) 1,1-Dichloroethane	3.130	63	2493	0.362	ug/l #	80
25) 2-Butanone	3.850	43	70	0.035	ug/l #	45
26) 2,2-Dichloropropane	3.828	77	1692	0.265	ug/l	82
27) cis-1,2-Dichloroethene	3.838	96	298	0.069	ug/l	49
28) Bromochloromethane	4.185	49	1036	0.352	ug/l #	68
29) Tetrahydrofuran	4.256	42	85	0.063	ug/l #	27
30) Chloroform	4.307	83	2687	0.358	ug/l #	81
31) Cyclohexane	4.593	56	8314	1.524	ug/l #	28
32) 1,1,1-Trichloroethane	4.526	97	2067	0.297	ug/l #	50
36) 1,1-Dichloropropene	4.600	75	28165	5.882	ug/l #	49
37) Ethyl Acetate	4.008	43	108	0.022	ug/l #	65
38) Carbon Tetrachloride	4.600	117	37528	5.954	ug/l #	16
39) Methylcyclohexane	6.050	83	1107	0.177	ug/l #	83
40) Benzene	5.043	78	4519	0.286	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.233	41	198	0.094	ug/l #	35
42) 1,2-Dichloroethane	5.063	62	865	0.155	ug/l	82
43) Isopropyl Acetate	5.182	43	46	0.006	ug/l #	58
44) Trichloroethene	5.857	130	1348	0.327	ug/l	52
45) 1,2-Dichloropropane	6.092	63	287	0.072	ug/l #	81
46) Dibromomethane	6.262	93	450	0.144	ug/l #	18
47) Bromodichloromethane	6.448	83	1616	0.244	ug/l #	79
48) Methyl methacrylate	6.294	41	46	0.012	ug/l #	1
49) 1,4-Dioxane	6.249	88	19	0.370	ug/l #	26
51) 4-Methyl-2-Pentanone	7.172	43	2385	0.485	ug/l	90
52) Toluene	7.326	92	2660	0.269	ug/l #	39
53) t-1,3-Dichloropropene	7.635	75	1020	0.161	ug/l	99
54) cis-1,3-Dichloropropene	6.985	75	1502	0.231	ug/l #	80
55) 1,1,2-Trichloroethane	7.799	97	1266	0.293	ug/l	94
56) Ethyl methacrylate	7.770	69	102	0.018	ug/l #	15
57) 1,3-Dichloropropane	7.960	76	1508	0.222	ug/l #	84
58) 2-Chloroethyl Vinyl ether	6.863	63	4078	1.580	ug/l	99
59) 2-Hexanone	8.095	43	53	0.015	ug/l	66
60) Dibromochloromethane	8.188	129	1510	0.278	ug/l	56
61) 1,2-Dibromoethane	8.291	107	534	0.119	ug/l #	31
64) Tetrachloroethene	7.908	164	1303	0.348	ug/l #	63
65) Chlorobenzene	8.812	112	3615	0.295	ug/l	90
66) 1,1,1,2-Tetrachloroethane	8.908	131	1143	0.250	ug/l #	49
67) Ethyl Benzene	8.956	91	4167	0.217	ug/l	89
68) m/p-Xylenes	9.079	106	1942	0.264	ug/l #	28
69) o-Xylene	9.484	106	2061	0.293	ug/l	78
70) Styrene	9.593	104	376	0.031	ug/l	92
71) Bromoform	9.680	173	1164	0.313	ug/l #	89
73) Isopropylbenzene	9.870	105	4757	0.283	ug/l	99
74) N-amyl acetate	9.738	43	21	0.004	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	10.172	83	2239	0.368	ug/l #	60
76) 1,2,3-Trichloropropane	10.001	75	81306	18.376	ug/l #	55
77) Bromobenzene	10.165	156	1628	0.376	ug/l	83
78) n-propylbenzene	10.300	91	5214	0.261	ug/l	96
79) 2-Chlorotoluene	10.361	91	3871	0.319	ug/l	86
80) 1,3,5-Trimethylbenzene	10.471	105	3574	0.249	ug/l	87
81) trans-1,4-Dichloro-2-b...	10.001	75	81306	39.115	ug/l #	12
82) 4-Chlorotoluene	10.493	91	2543	0.182	ug/l	92
83) tert-Butylbenzene	10.796	119	3960	0.266	ug/l	93
84) 1,2,4-Trimethylbenzene	10.869	105	3522	0.250	ug/l	98
85) sec-Butylbenzene	11.017	105	5402	0.285	ug/l	94
86) p-Isopropyltoluene	11.172	119	5198	0.320	ug/l	91
87) 1,3-Dichlorobenzene	11.130	146	2906	0.330	ug/l	96
88) 1,4-Dichlorobenzene	11.130	146	2906	0.313	ug/l	95
89) n-Butylbenzene	11.599	91	3692	0.245	ug/l	73
90) Hexachloroethane	11.831	117	804	0.228	ug/l	89
91) 1,2-Dichlorobenzene	11.599	146	2683	0.323	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.358	75	106	0.082	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.213	180	1762	0.328	ug/l	89
94) Hexachlorobutadiene	13.368	225	1080	0.416	ug/l	85
95) Naphthalene	13.455	128	3356	0.196	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.683	180	1244	0.224	ug/l #	51

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ALS Vial : 20 Sample Multiplier: 1

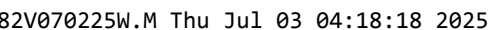
Instrument :
MSVOA_V
ClientSampleId :
MDL02

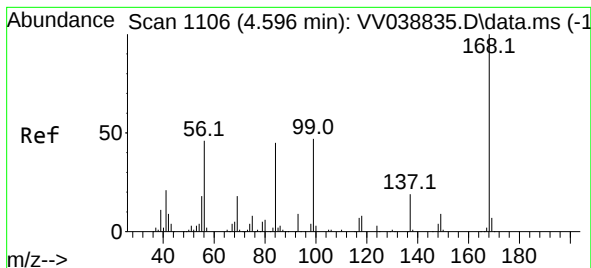
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 04:16:46 2025
Response via : Initial Calibration

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

Quant Time: Jul 03 04:18:07 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038846.D

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Instrument :

MSVOA_V

ClientSampleId :

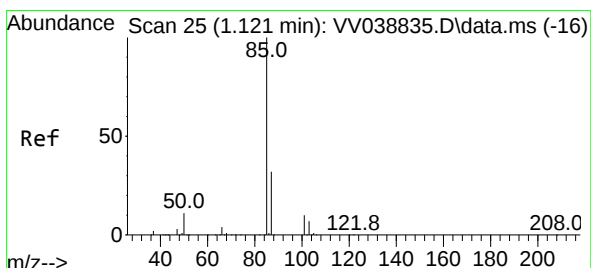
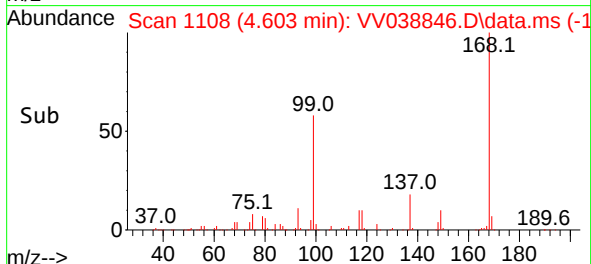
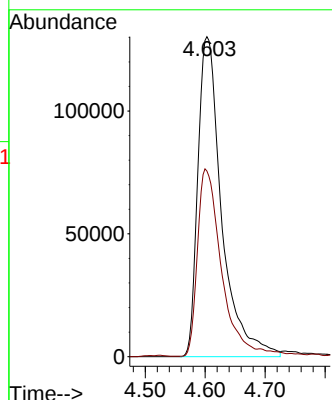
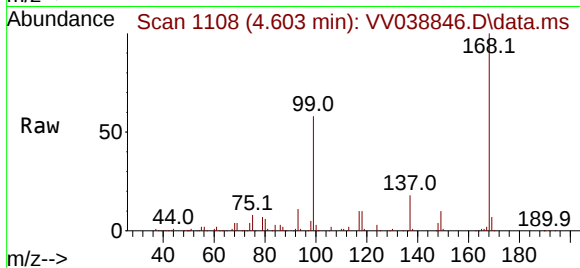
MDL02

Tgt Ion:168 Resp: 359776

Ion Ratio Lower Upper

168 100

99 57.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.303 ug/l

RT: 1.124 min Scan# 26

Delta R.T. 0.003 min

Lab File: VV038846.D

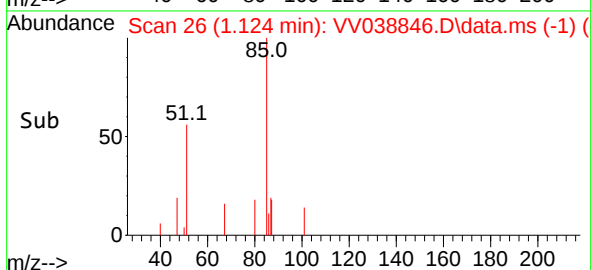
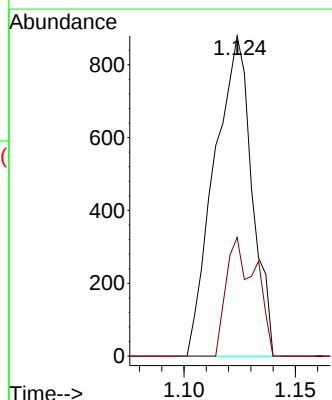
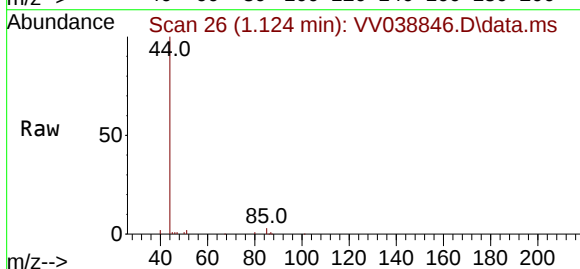
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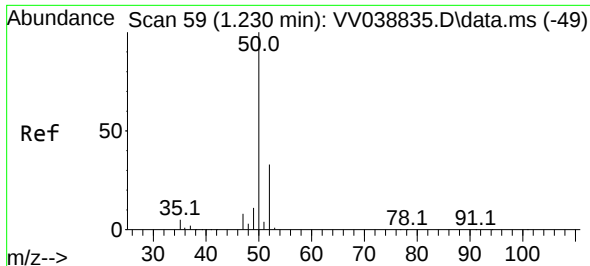
Tgt Ion: 85 Resp: 1034

Ion Ratio Lower Upper

85 100

87 37.1 16.1 48.3

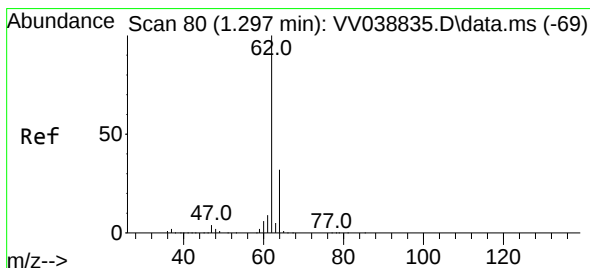
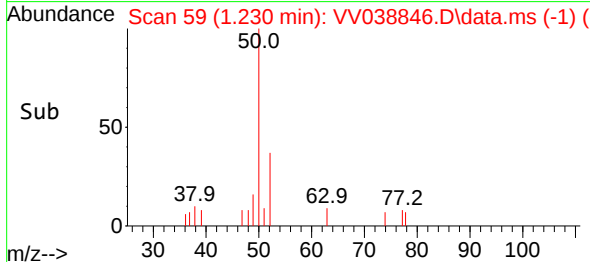
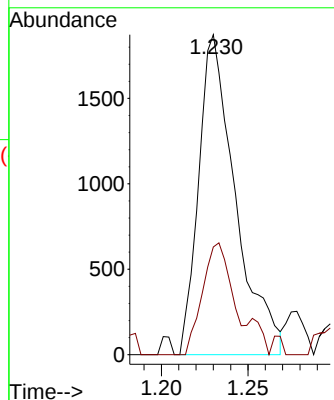
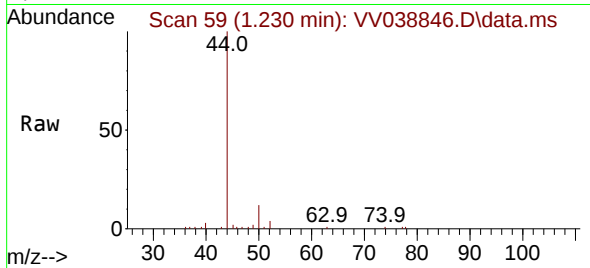




#3
Chloromethane
Concen: 0.661 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038846.D
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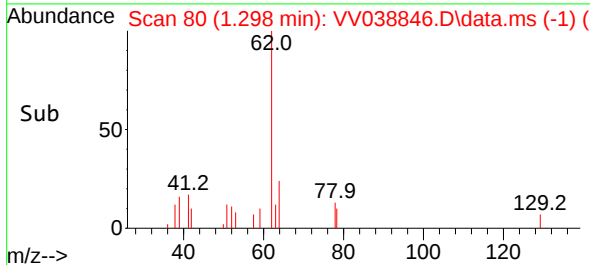
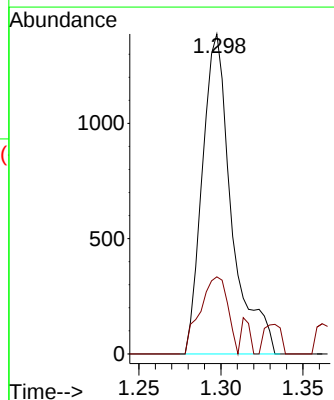
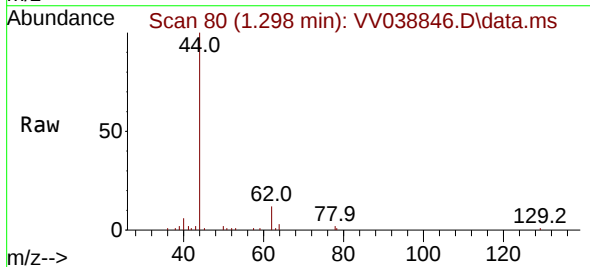
Instrument :
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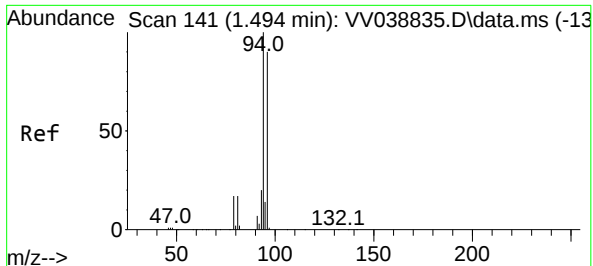
Tgt Ion: 50 Resp: 2771
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1



#4
Vinyl Chloride
Concen: 0.441 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 62 Resp: 1718
Ion Ratio Lower Upper
62 100
64 24.1 25.5 38.3#

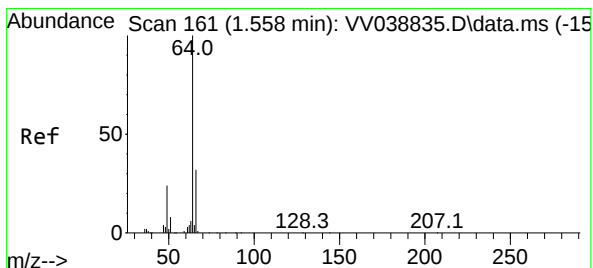
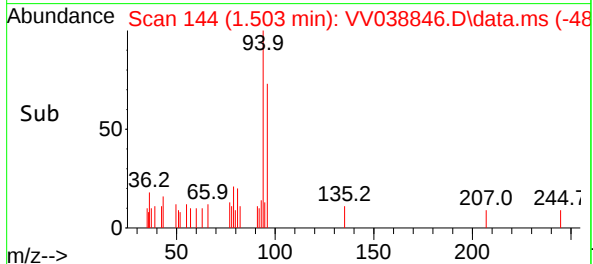
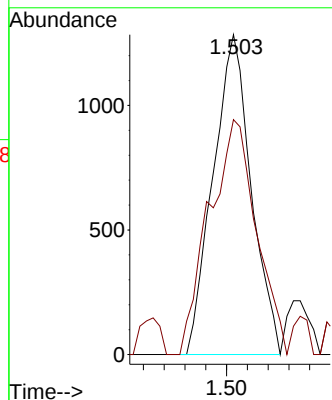
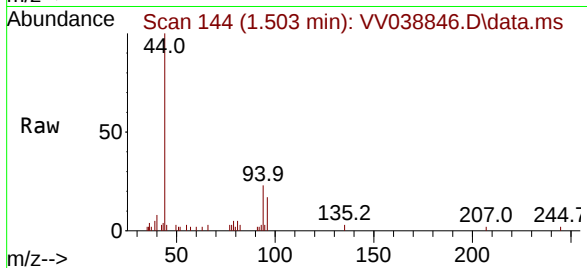




#5
Bromomethane
Concen: 0.687 ug/l
RT: 1.503 min Scan# 141
Delta R.T. 0.010 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

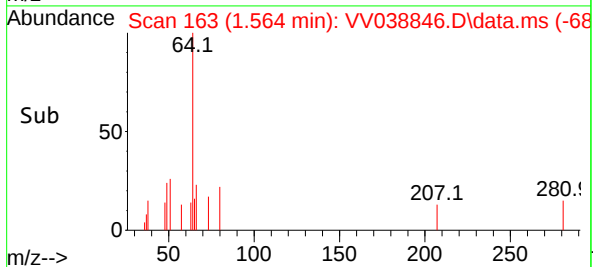
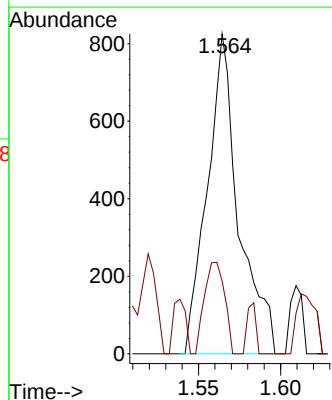
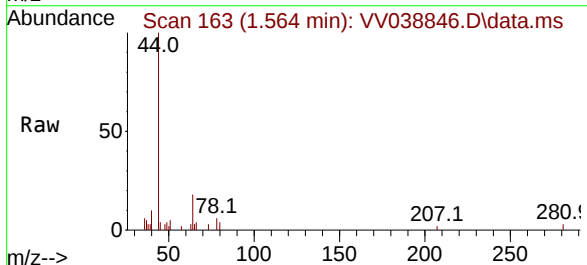
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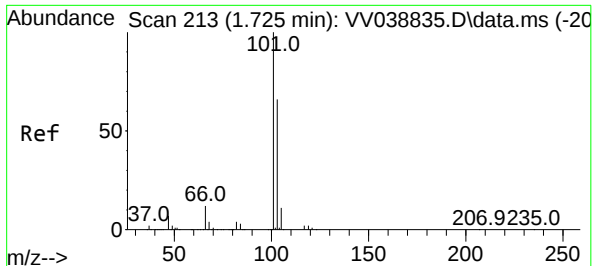
Tgt Ion: 94 Resp: 1634
Ion Ratio Lower Upper
94 100
96 73.4 72.2 108.4



#6
Chloroethane
Concen: 0.419 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 64 Resp: 1094
Ion Ratio Lower Upper
64 100
66 22.8 25.4 38.0#

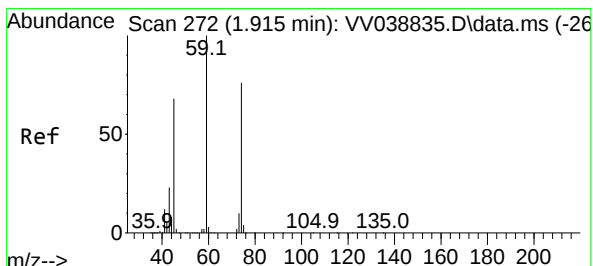
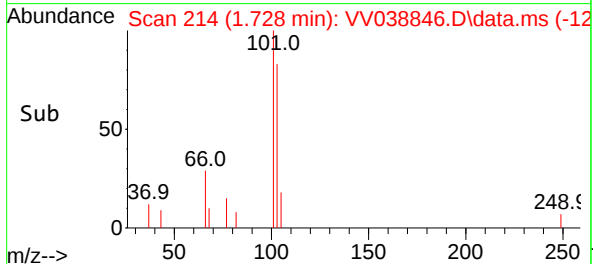
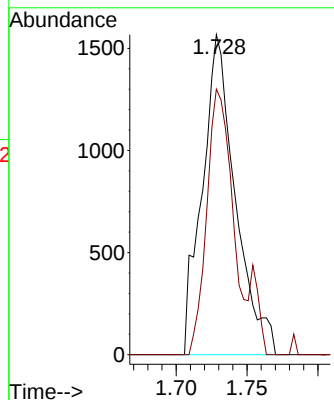
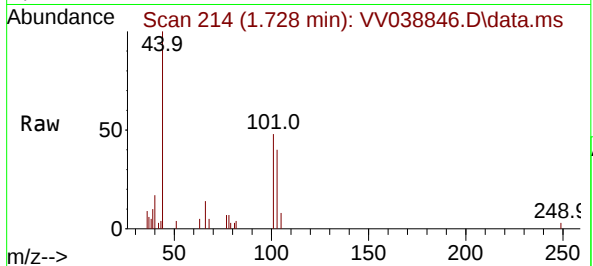




#7
 Trichlorofluoromethane
 Concen: 0.370 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

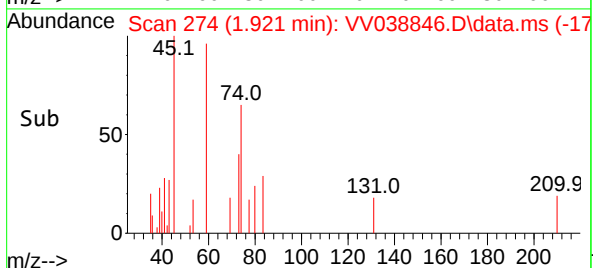
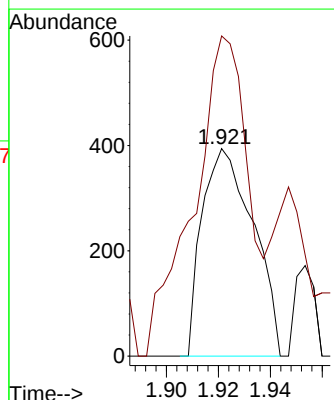
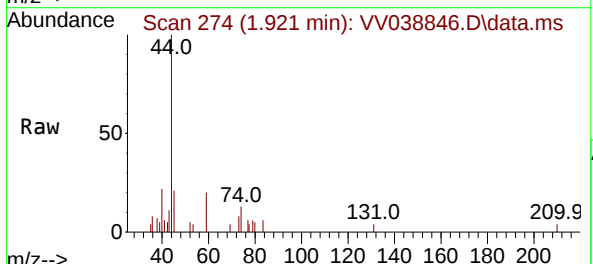
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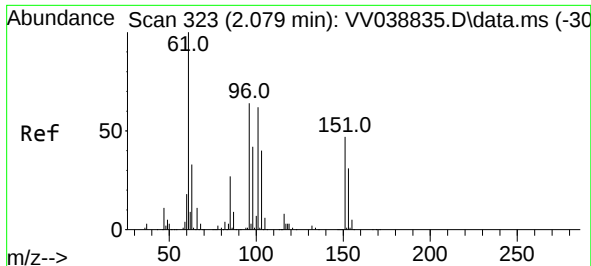
Tgt Ion:101 Resp: 2552
 Ion Ratio Lower Upper
 101 100
 103 83.0 52.8 79.2#



#8
 Diethyl Ether
 Concen: 0.225 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 540
 Ion Ratio Lower Upper
 74 100
 45 164.4 43.9 131.7#

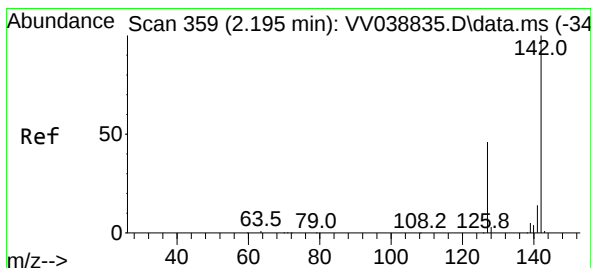
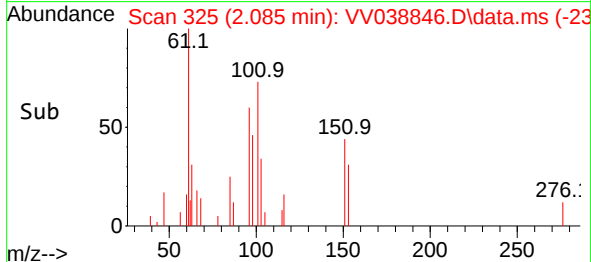
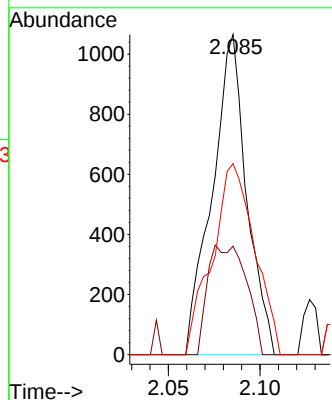
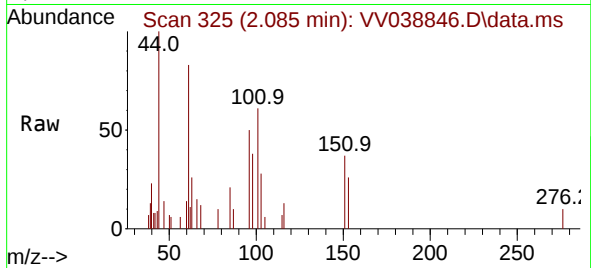




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.358 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

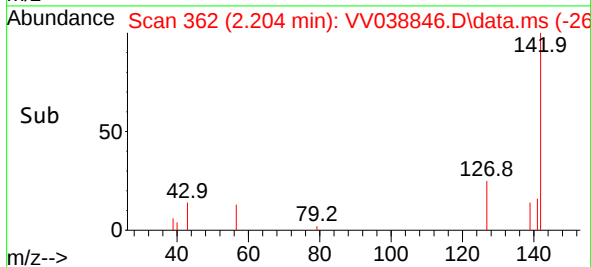
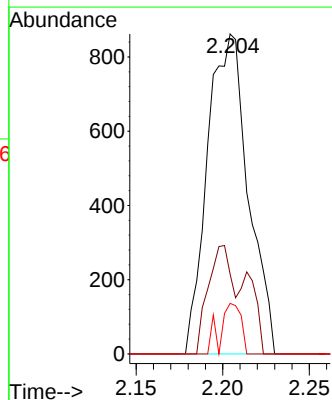
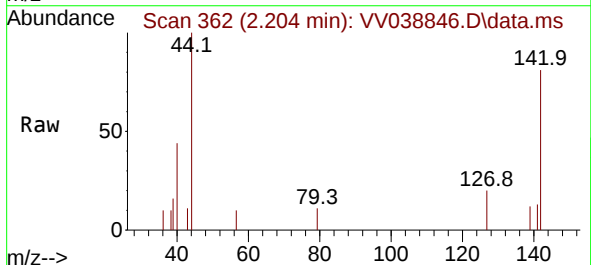
Instrument :
MSVOA_V
ClientSampleId :
MDL02

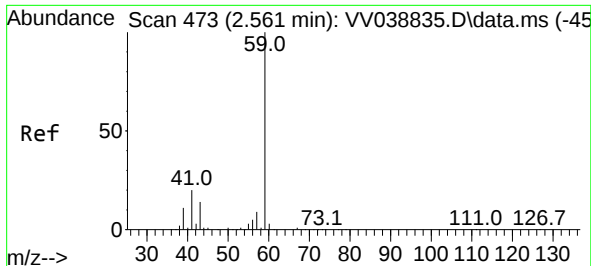
Tgt Ion:101 Resp: 1394
Ion Ratio Lower Upper
101 100
85 38.2 34.6 52.0
151 73.4 60.4 90.6



#10
Methyl Iodide
Concen: 0.285 ug/l
RT: 2.204 min Scan# 362
Delta R.T. 0.010 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:142 Resp: 1411
Ion Ratio Lower Upper
142 100
127 20.2 36.9 55.3#
141 8.0 11.8 17.8#

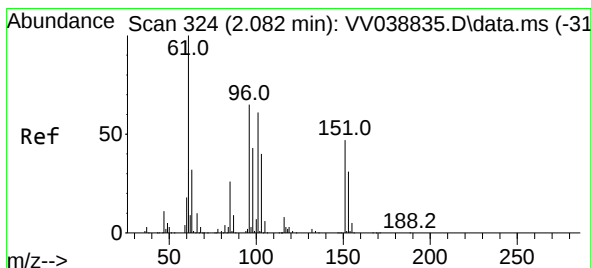
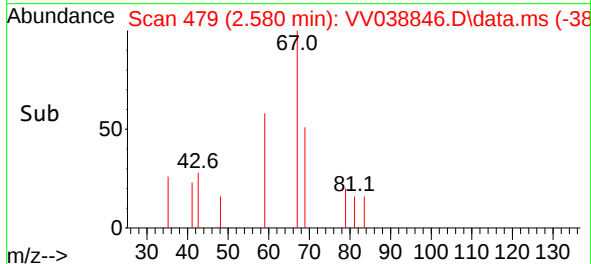
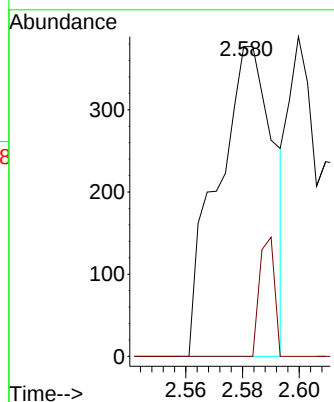
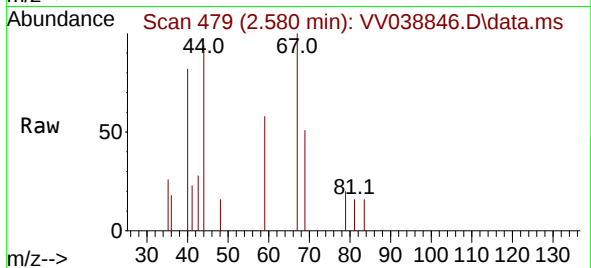




#11
Tert butyl alcohol
Concen: 0.982 ug/l
RT: 2.580 min Scan# 411
Delta R.T. 0.019 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

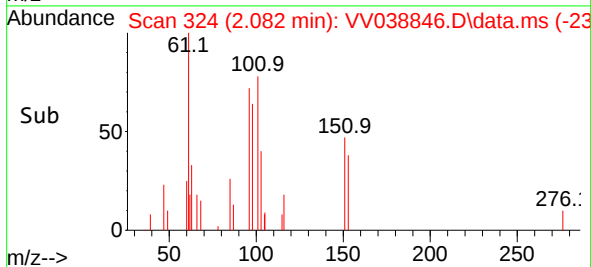
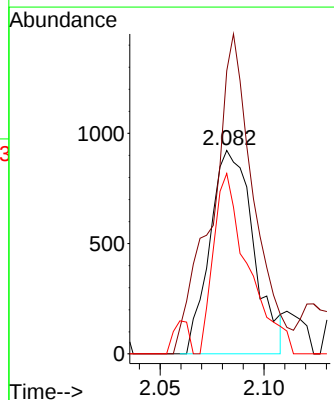
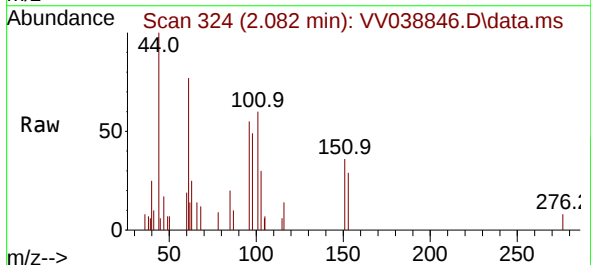
Instrument :
MSVOA_V
ClientSampleId :
MDL02

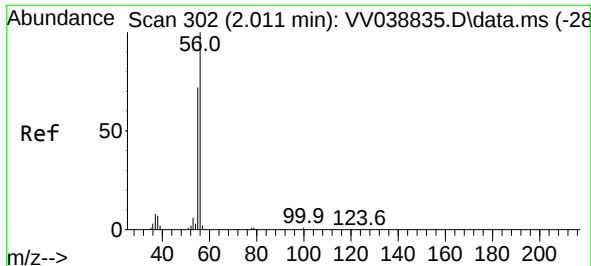
Tgt Ion: 59 Resp: 517
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.365 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 96 Resp: 1351
Ion Ratio Lower Upper
96 100
61 119.6 123.5 185.3#
98 75.1 52.5 78.7





#13

Acrolein

Concen: 2.869 ug/l

RT: 2.005 min Scan# 302

Delta R.T. -0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

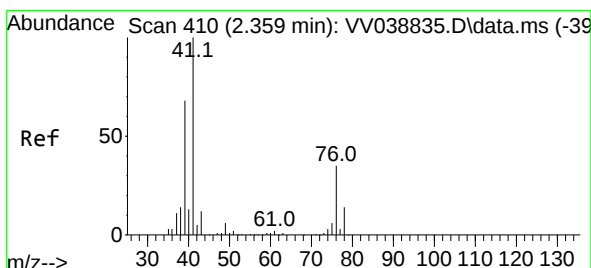
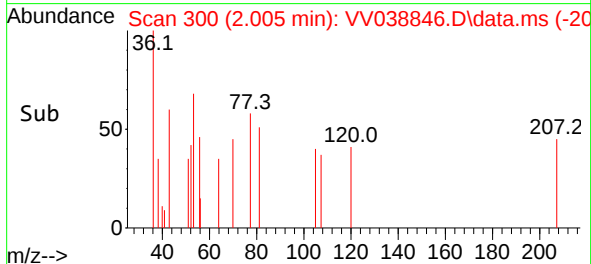
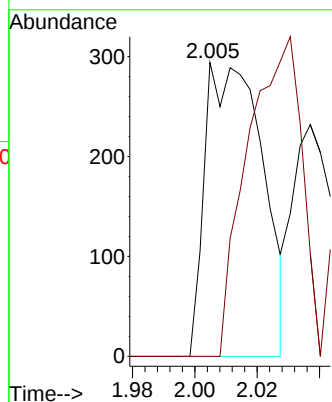
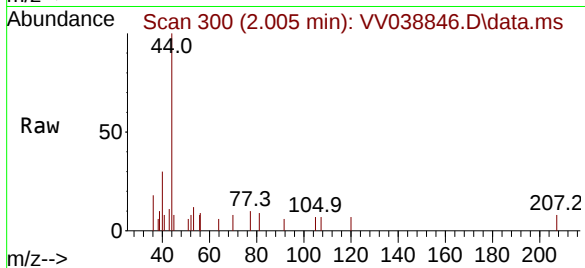
MDL02

Tgt Ion: 56 Resp: 377

Ion Ratio Lower Upper

56 100

55 0.0 53.4 80.2#



#14

Allyl chloride

Concen: 0.511 ug/l

RT: 2.368 min Scan# 413

Delta R.T. 0.010 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

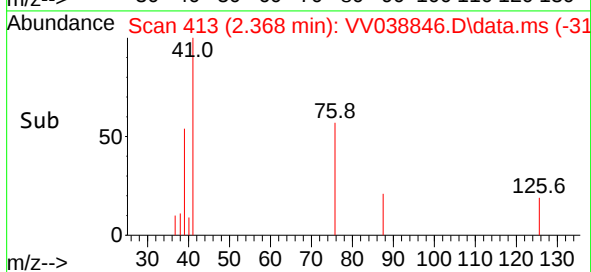
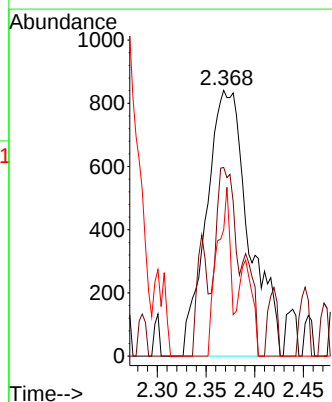
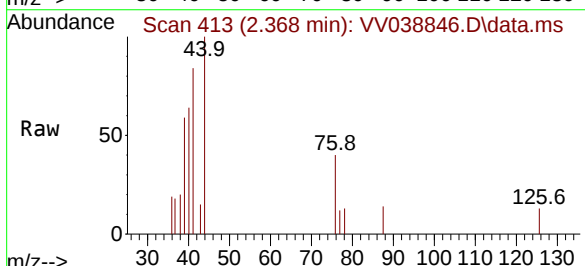
Tgt Ion: 41 Resp: 2547

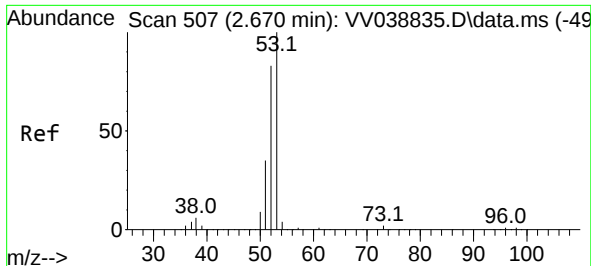
Ion Ratio Lower Upper

41 100

39 21.9 51.0 76.4#

76 20.9 33.6 50.4#

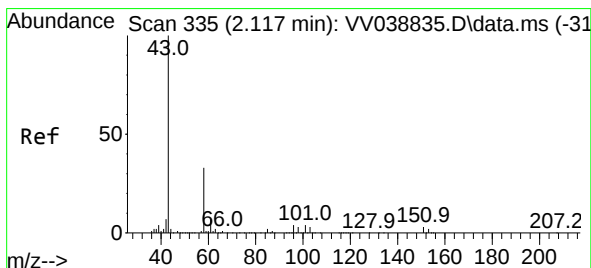
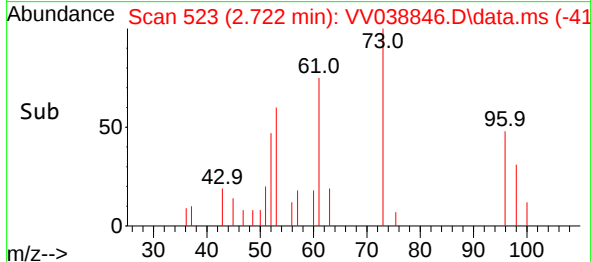
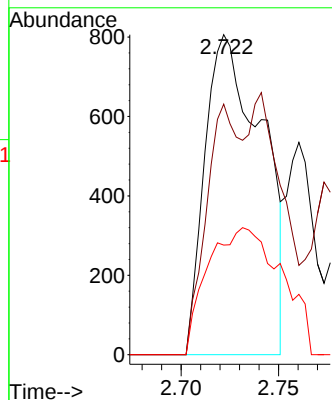
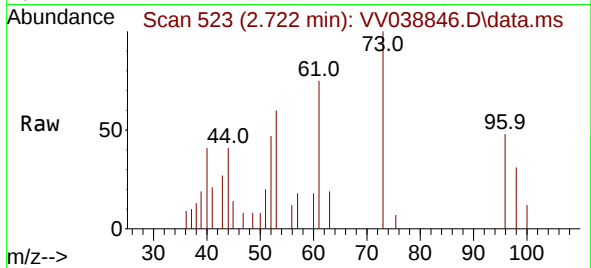




#15
Acrylonitrile
Concen: 0.891 ug/l
RT: 2.722 min Scan# 51
Delta R.T. 0.051 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

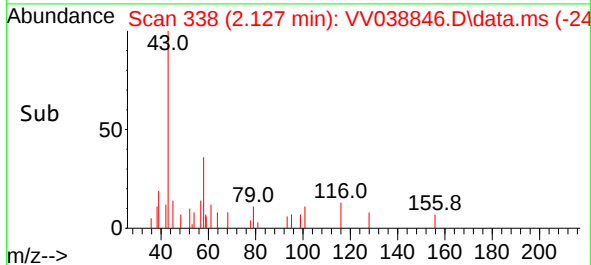
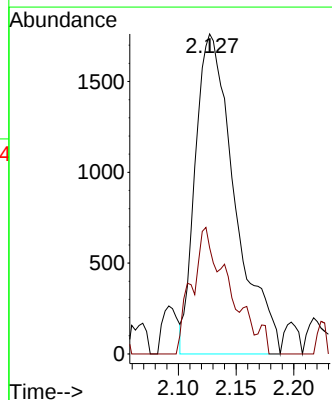
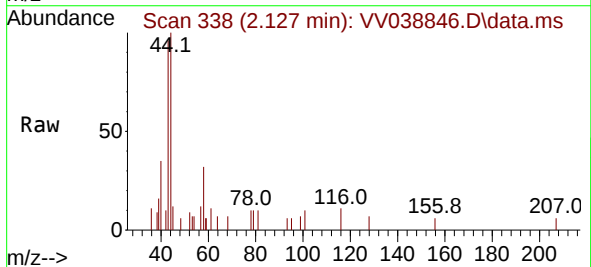
Instrument :
MSVOA_V
ClientSampleId :
MDL02

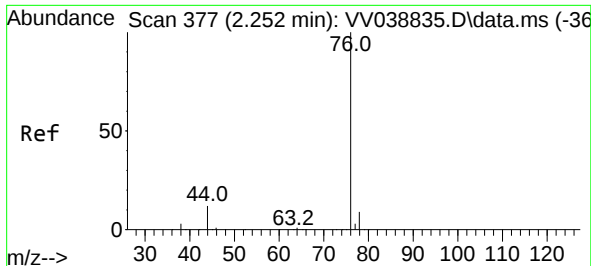
Tgt Ion: 53 Resp: 1641
Ion Ratio Lower Upper
53 100
52 47.5 65.8 98.6#
51 51.2 28.5 42.7#



#16
Acetone
Concen: 3.123 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
58 33.2 27.0 40.4

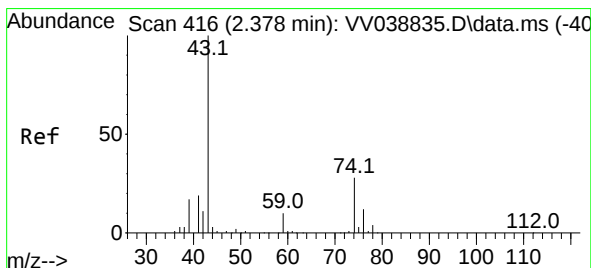
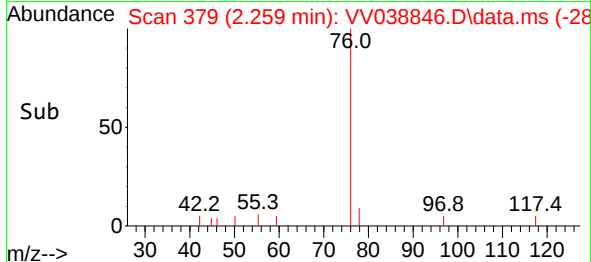
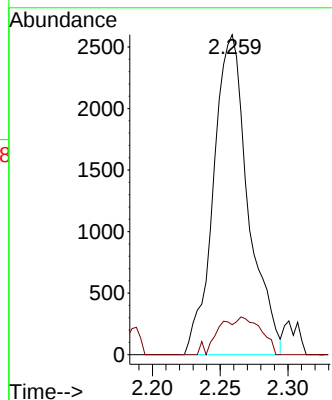
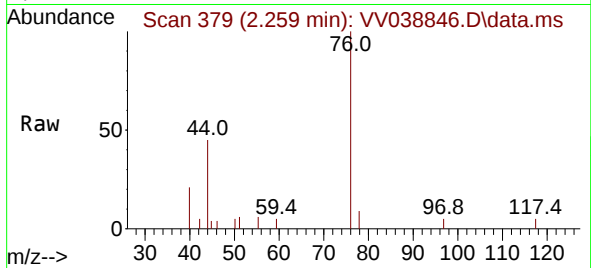




#17
Carbon Disulfide
Concen: 0.540 ug/l
RT: 2.259 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

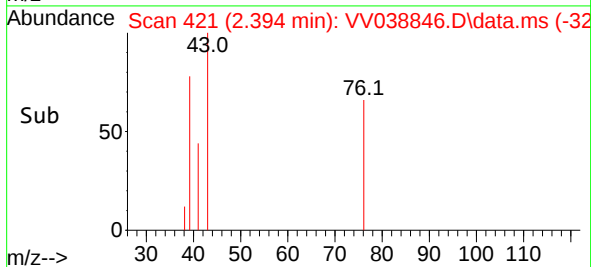
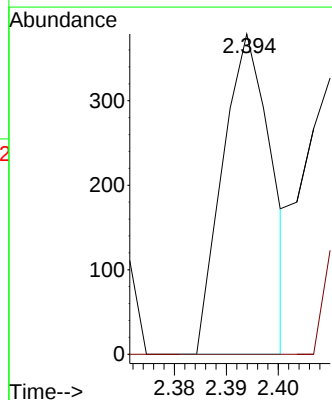
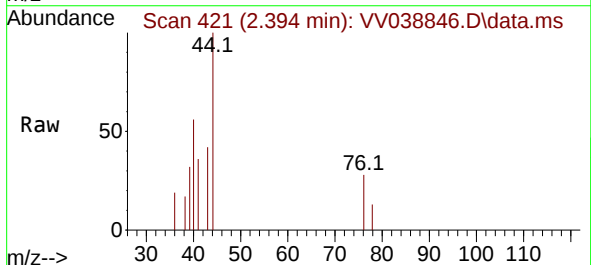
Instrument :
MSVOA_V
ClientSampleId :
MDL02

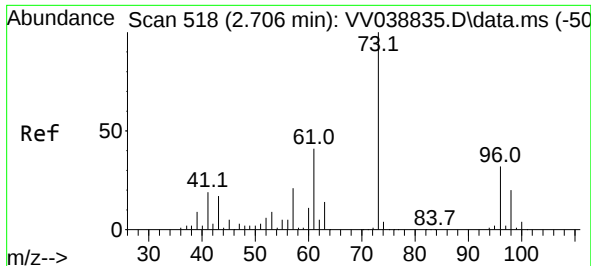
Tgt Ion: 76 Resp: 4635
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 0.054 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#





#19

Methyl tert-butyl Ether

Concen: 0.289 ug/l

RT: 2.719 min Scan# 51

Delta R.T. 0.013 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

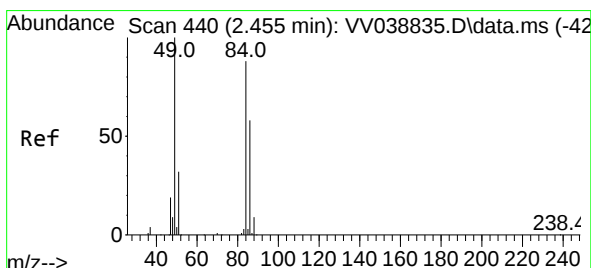
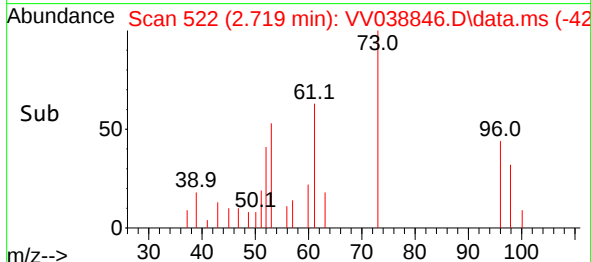
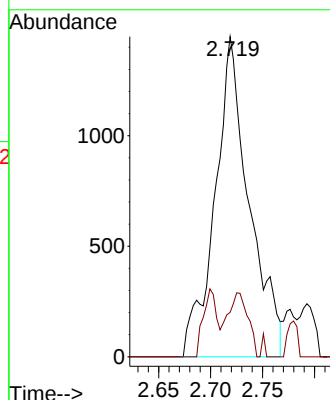
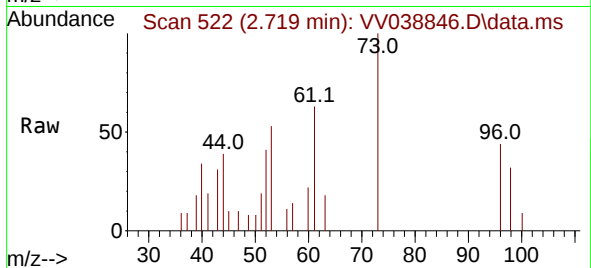
MDL02

Tgt Ion: 73 Resp: 3315

Ion Ratio Lower Upper

73 100

57 13.9 17.0 25.4#



#20

Methylene Chloride

Concen: 0.790 ug/l

RT: 2.465 min Scan# 443

Delta R.T. 0.010 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Tgt Ion: 84 Resp: 3508

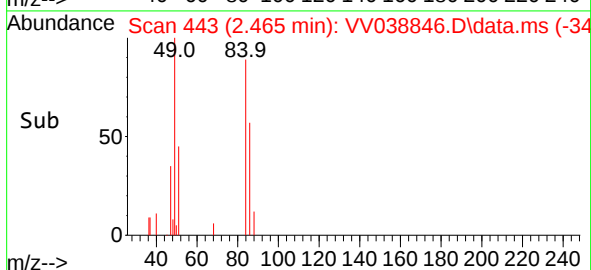
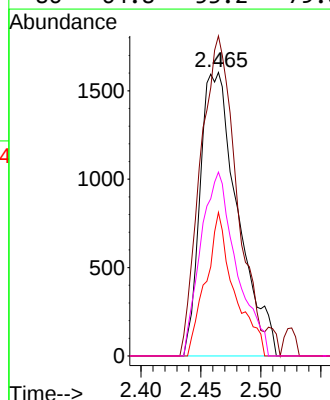
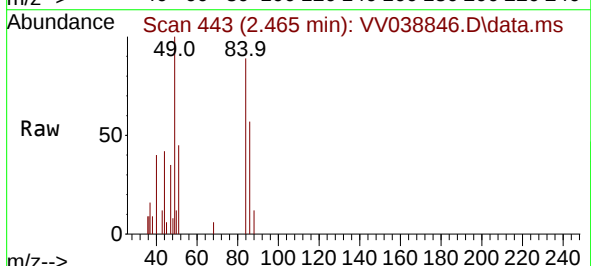
Ion Ratio Lower Upper

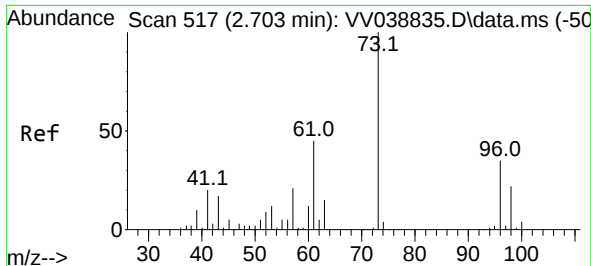
84 100

49 112.8 91.0 136.4

51 50.6 29.4 44.2#

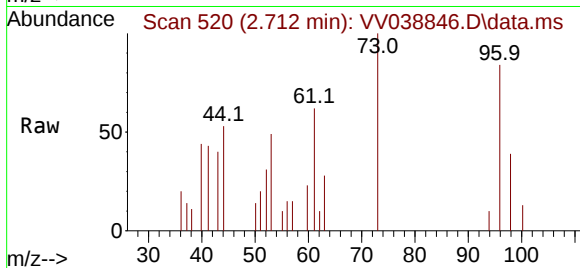
86 64.8 53.2 79.8



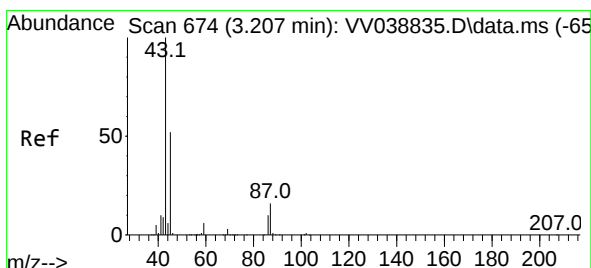
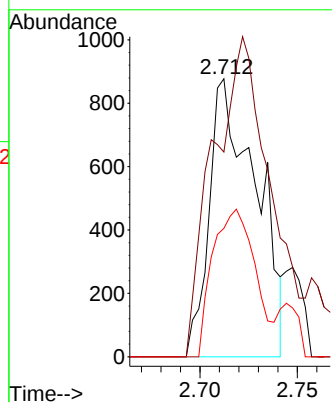
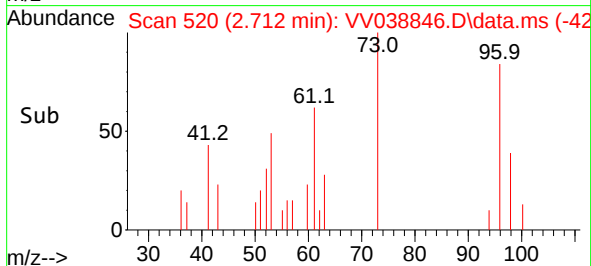


#21
trans-1,2-Dichloroethene
Concen: 0.395 ug/l
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

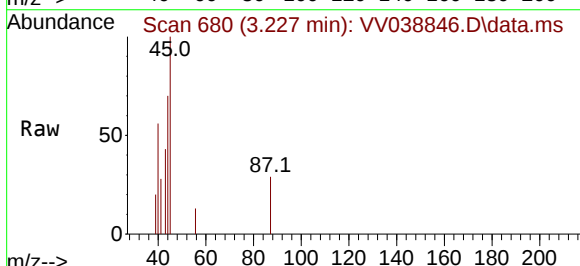
Instrument :
MSVOA_V
ClientSampleId :
MDL02



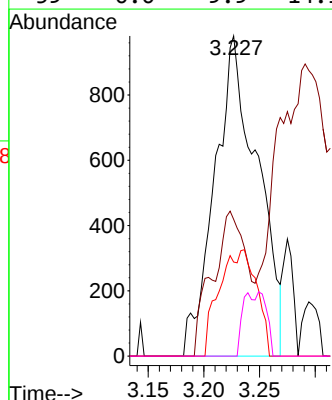
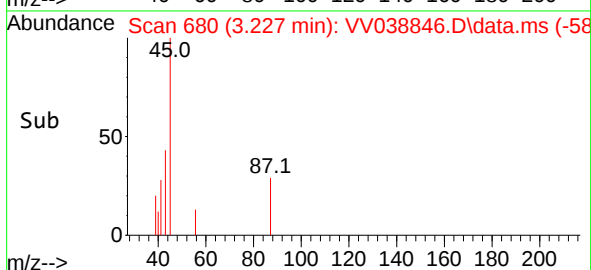
Tgt Ion: 96 Resp: 1462
Ion Ratio Lower Upper
96 100
61 73.7 102.8 154.2#
98 46.2 50.9 76.3#

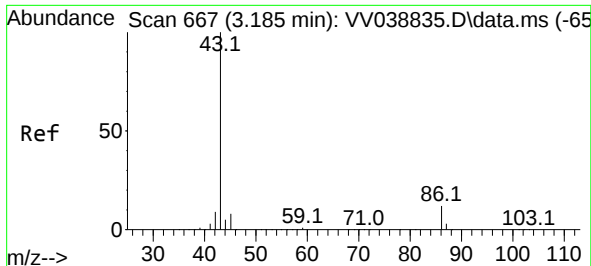


#22
Diisopropyl ether
Concen: 0.256 ug/l
RT: 3.227 min Scan# 680
Delta R.T. 0.019 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21



Tgt Ion: 45 Resp: 2614
Ion Ratio Lower Upper
45 100
43 42.7 153.1 229.7#
87 29.4 25.2 37.8
59 0.0 9.9 14.9#

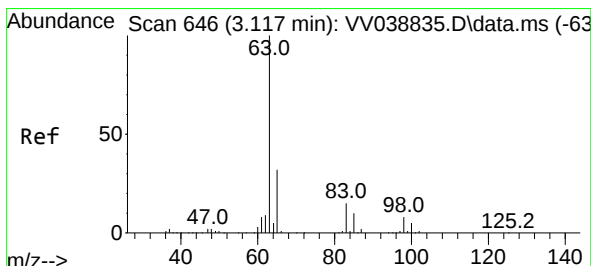
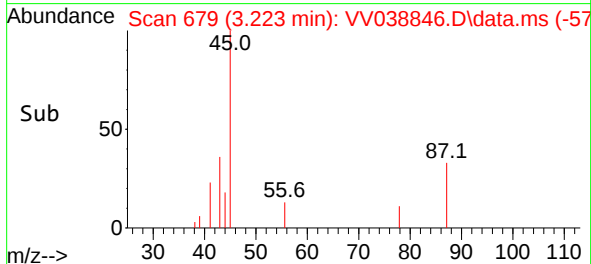
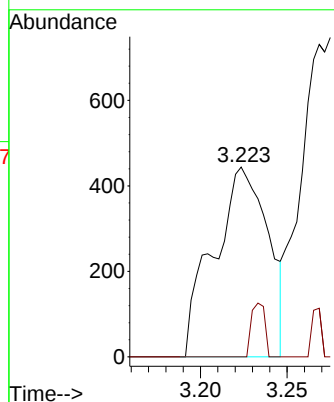
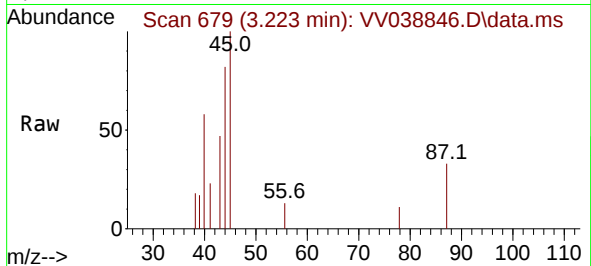




#23
 Vinyl Acetate
 Concen: 0.131 ug/l
 RT: 3.223 min Scan# 61
 Delta R.T. 0.039 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

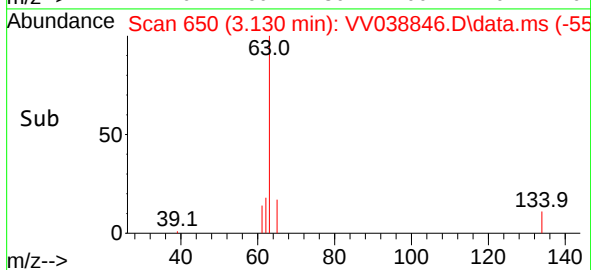
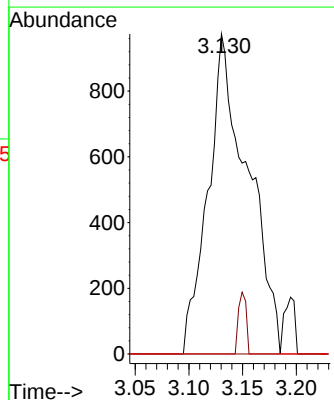
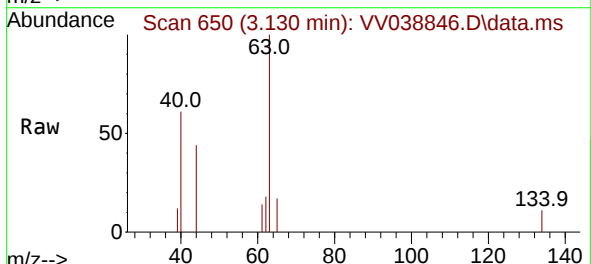
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

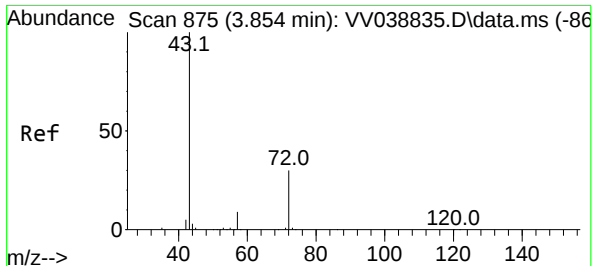
Tgt Ion: 43 Resp: 968
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#24
 1,1-Dichloroethane
 Concen: 0.362 ug/l
 RT: 3.130 min Scan# 650
 Delta R.T. 0.013 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

Tgt Ion: 63 Resp: 2493
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.4 7.2#

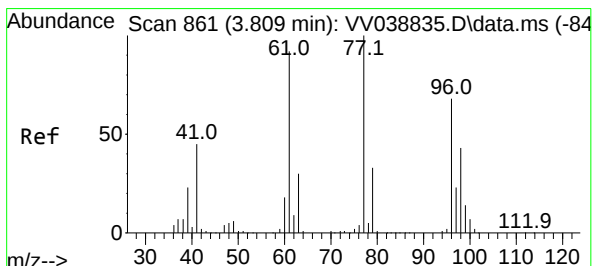
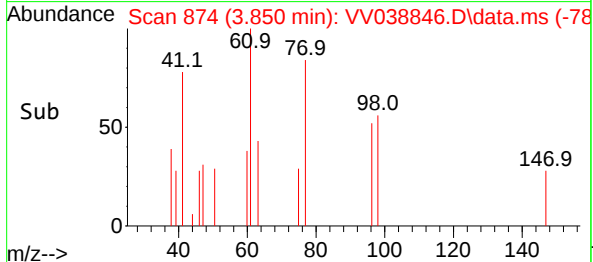
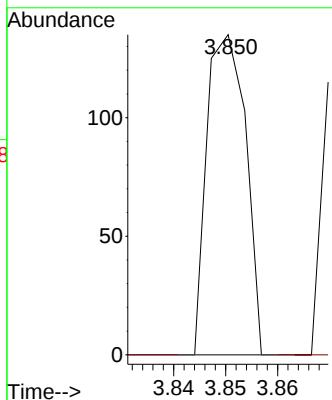
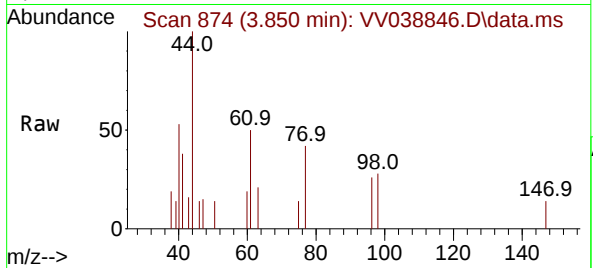




#25
2-Butanone
Concen: 0.035 ug/l
RT: 3.850 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

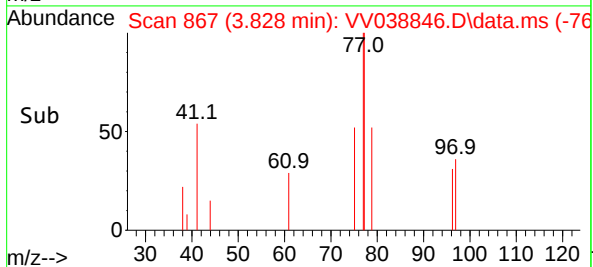
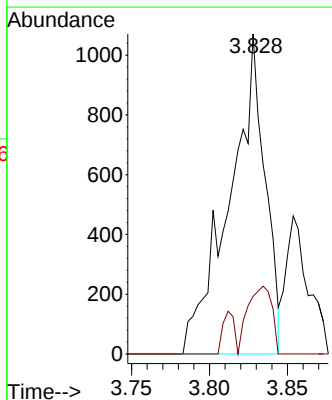
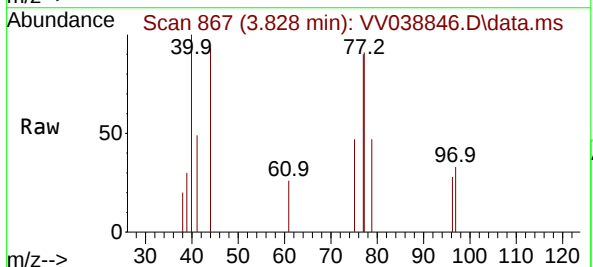
Instrument :
MSVOA_V
ClientSampleId :
MDL02

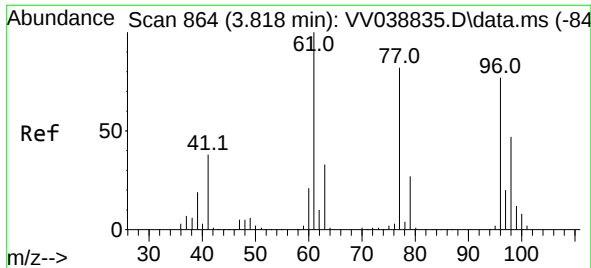
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#



#26
2,2-Dichloropropane
Concen: 0.265 ug/l
RT: 3.828 min Scan# 867
Delta R.T. 0.019 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 77 Resp: 1692
Ion Ratio Lower Upper
77 100
97 14.4 11.5 34.4



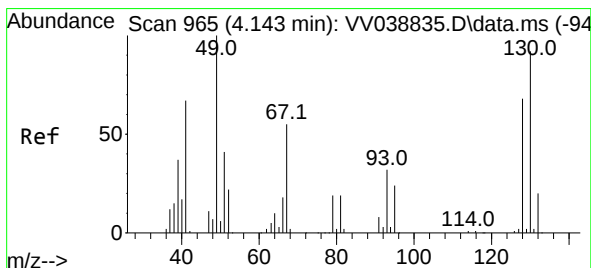
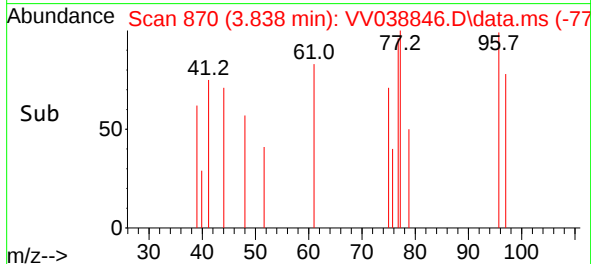
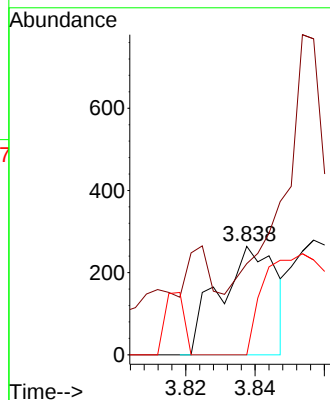
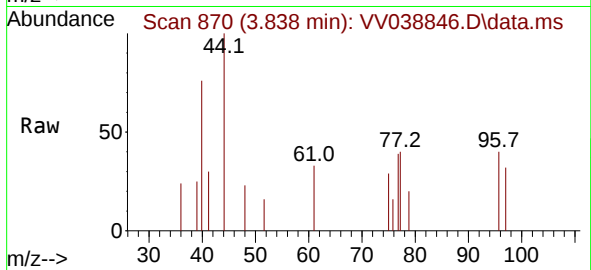


#27
 cis-1,2-Dichloroethene
 Concen: 0.069 ug/l
 RT: 3.838 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 96 Resp: 298

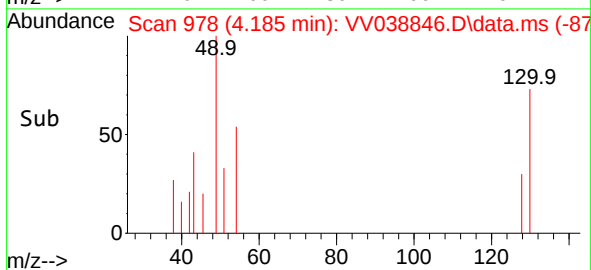
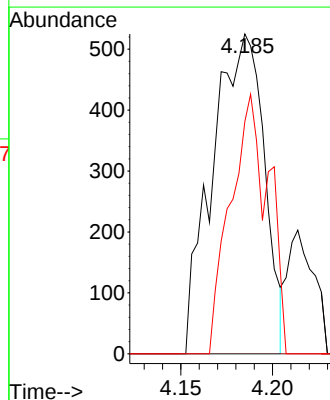
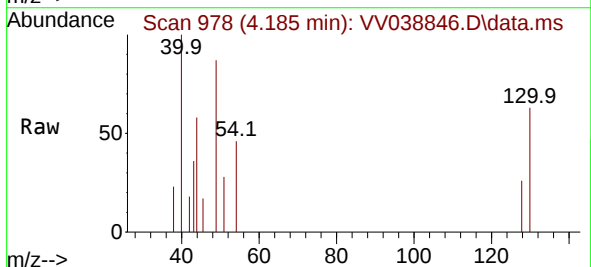
Ion	Ratio	Lower	Upper
96	100		
61	200.0	0.0	268.4
98	96.6	0.0	128.0

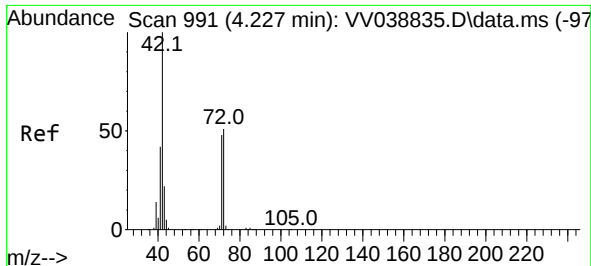


#28
 Bromochloromethane
 Concen: 0.352 ug/l
 RT: 4.185 min Scan# 978
 Delta R.T. 0.042 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

Tgt Ion: 49 Resp: 1036

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	59.6	72.5	108.7#

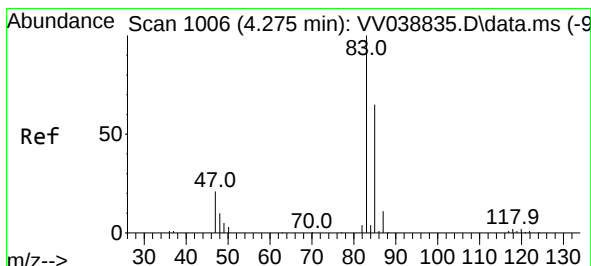
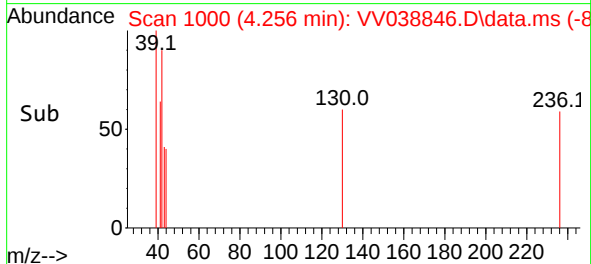
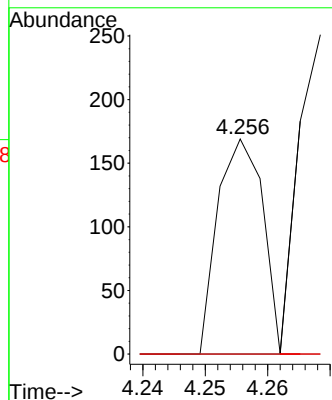
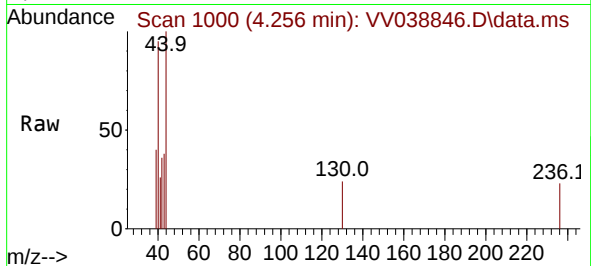




#29
Tetrahydrofuran
Concen: 0.063 ug/l
RT: 4.256 min Scan# 1000
Delta R.T. 0.029 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

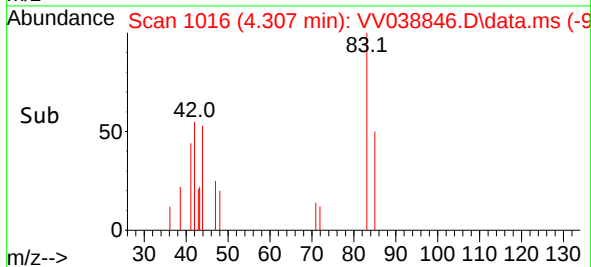
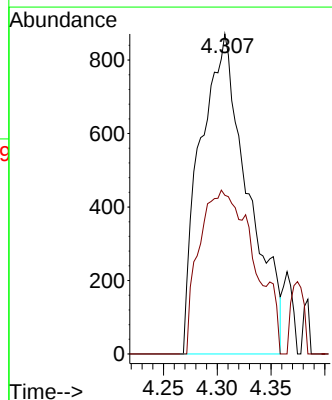
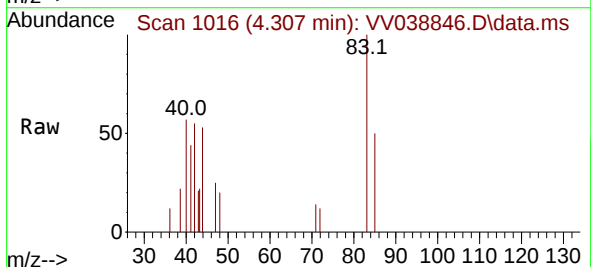
Instrument :
MSVOA_V
ClientSampleId :
MDL02

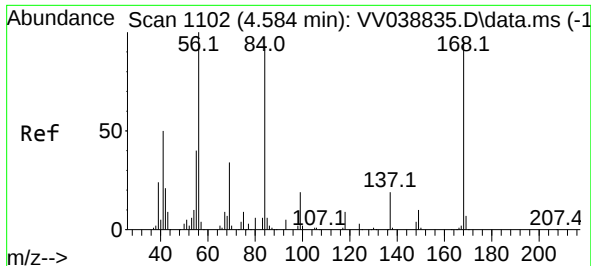
Tgt Ion: 42 Resp: 85
Ion Ratio Lower Upper
42 100
72 0.0 41.3 61.9#
71 0.0 39.2 58.8#



#30
Chloroform
Concen: 0.358 ug/l
RT: 4.307 min Scan# 1016
Delta R.T. 0.032 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 83 Resp: 2687
Ion Ratio Lower Upper
83 100
85 49.6 51.8 77.6#

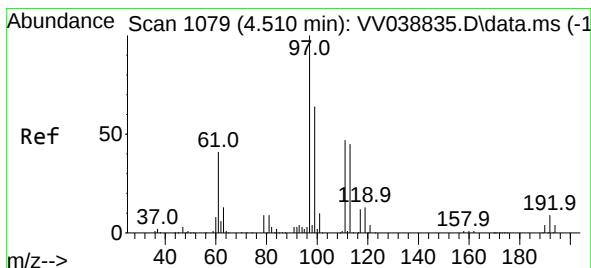
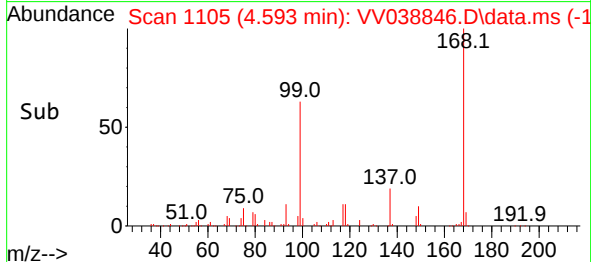
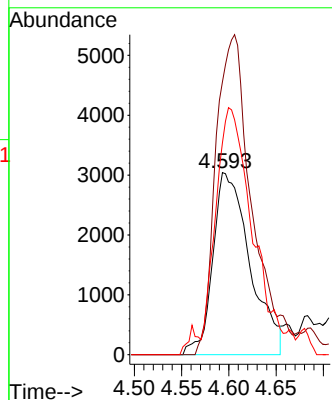
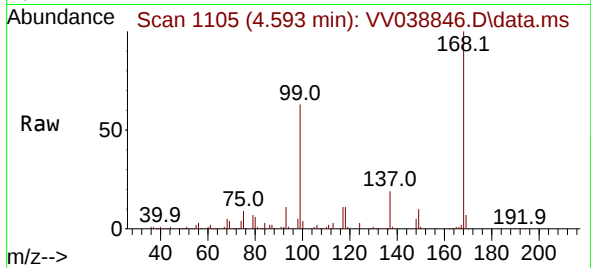




#31
Cyclohexane
Concen: 1.524 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

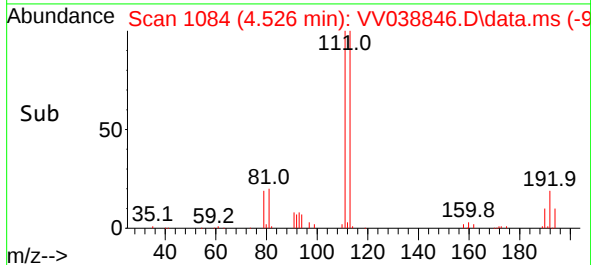
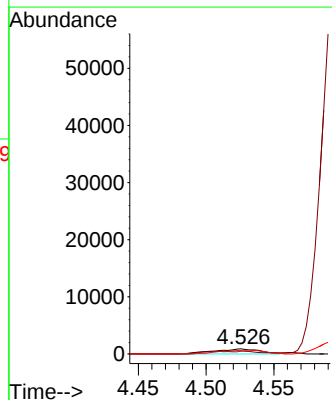
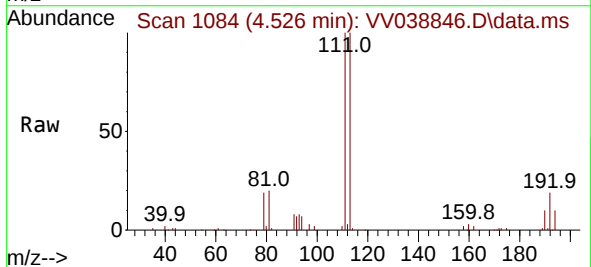
Instrument : MSVOA_V
ClientSampleId : MDL02

Tgt Ion: 56 Resp: 8314
Ion Ratio Lower Upper
56 100
69 149.8 27.0 40.4#
84 116.4 74.4 111.6#



#32
1,1,1-Trichloroethane
Concen: 0.297 ug/l
RT: 4.526 min Scan# 1084
Delta R.T. 0.016 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 97 Resp: 2067
Ion Ratio Lower Upper
97 100
99 0.0 48.8 73.2#
61 37.4 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 43.265 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

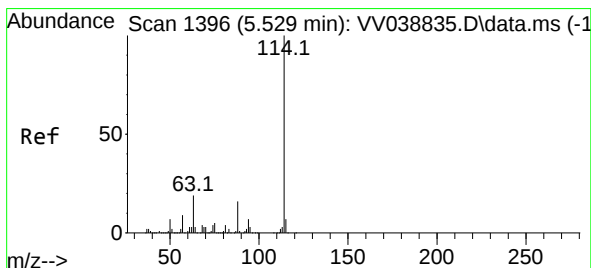
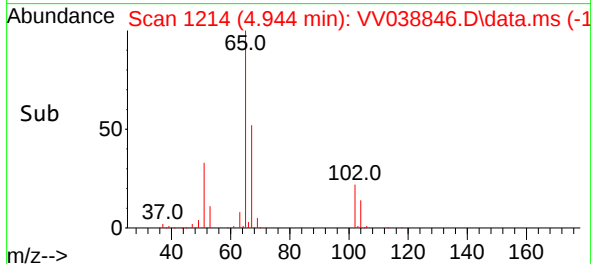
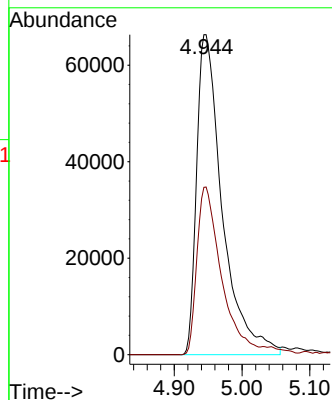
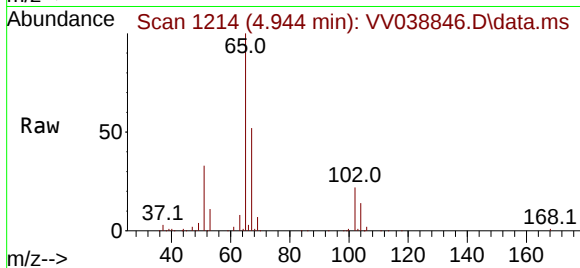
MDL02

Tgt Ion: 65 Resp: 174450

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

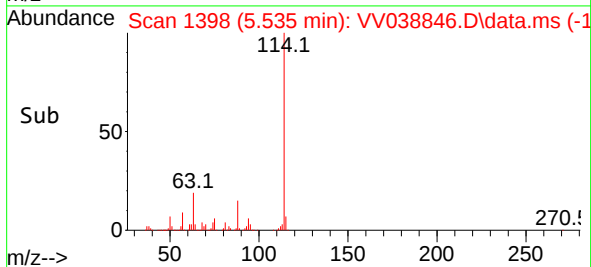
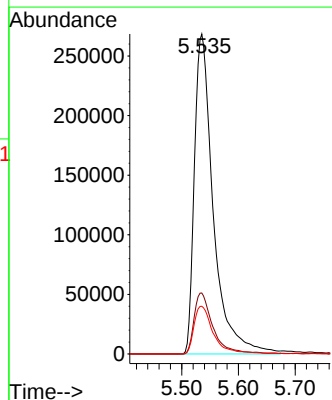
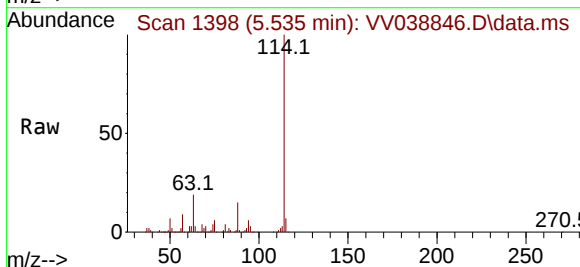
Tgt Ion: 114 Resp: 622990

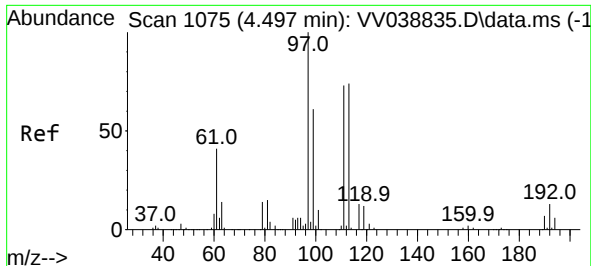
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

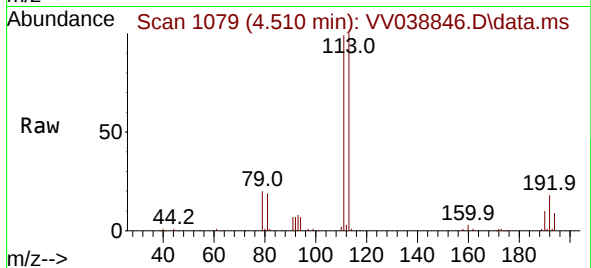
88 14.9 0.0 31.2



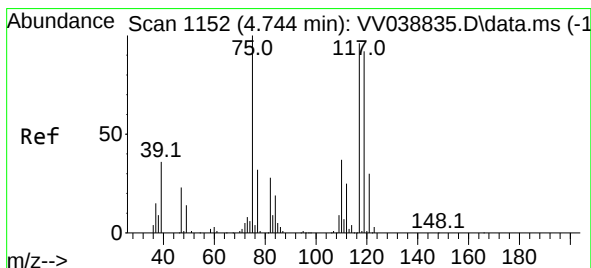
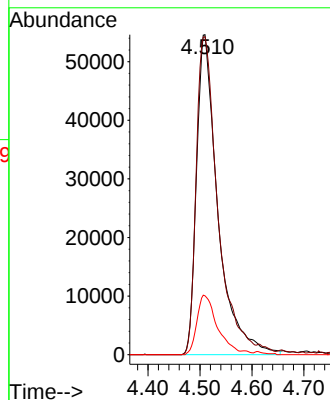
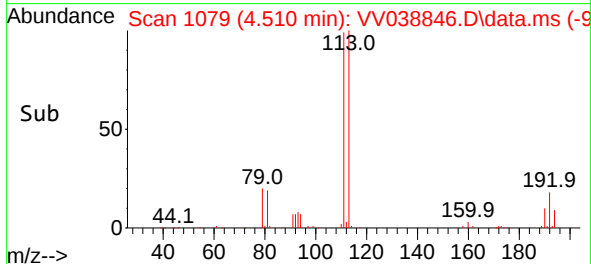


#35
 Dibromofluoromethane
 Concen: 39.510 ug/l
 RT: 4.510 min Scan# 1107
 Delta R.T. 0.013 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

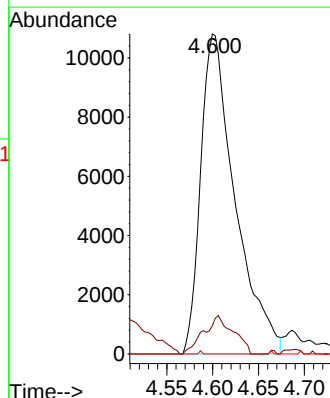
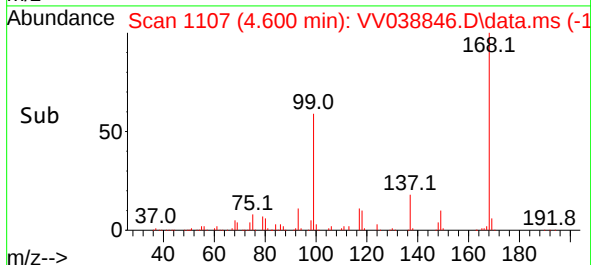
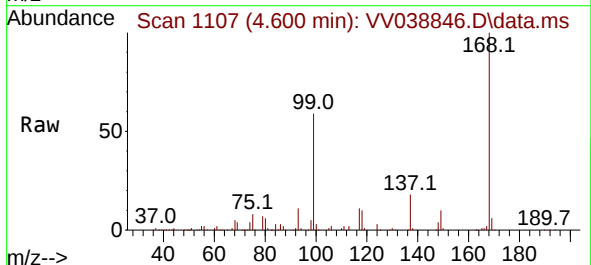


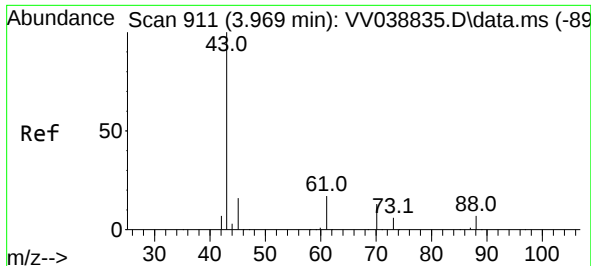
Tgt Ion:113 Resp: 155912
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.5 122.3
 192 17.7 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.882 ug/l
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.145 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

Tgt Ion: 75 Resp: 28165
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.3 57.9#
 77 0.1 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.022 ug/l

RT: 4.008 min Scan# 91

Delta R.T. 0.039 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL02

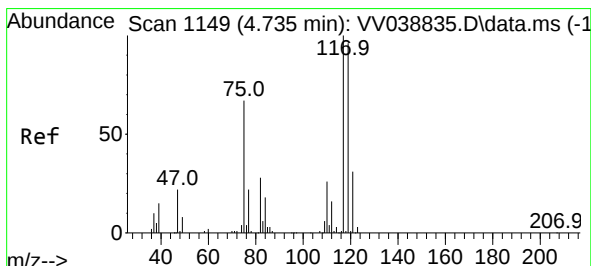
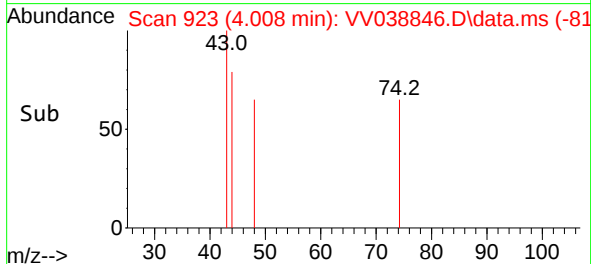
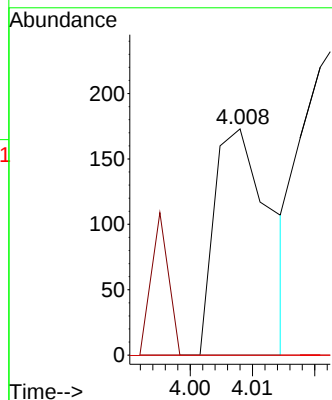
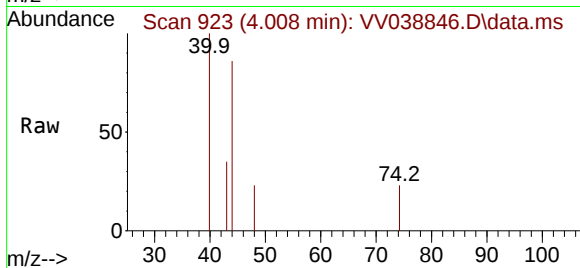
Tgt Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 5.954 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

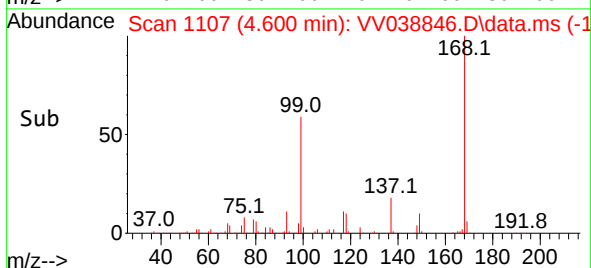
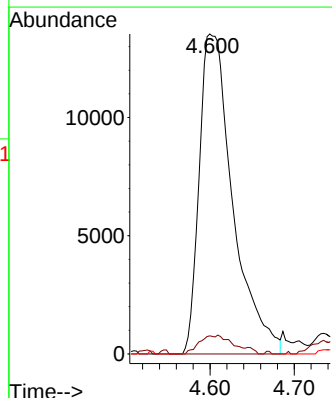
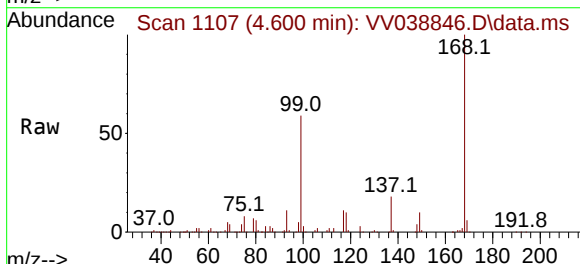
Tgt Ion: 117 Resp: 37528

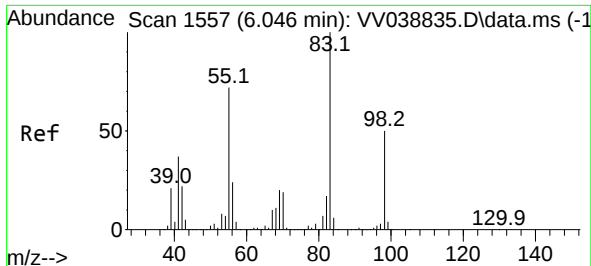
Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.177 ug/l

RT: 6.050 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL02

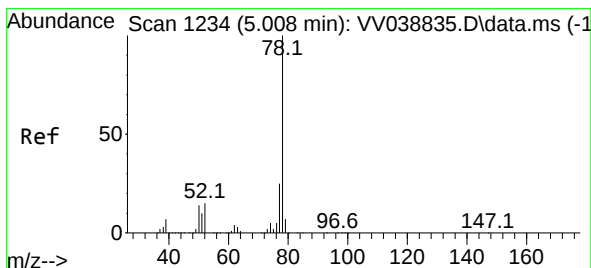
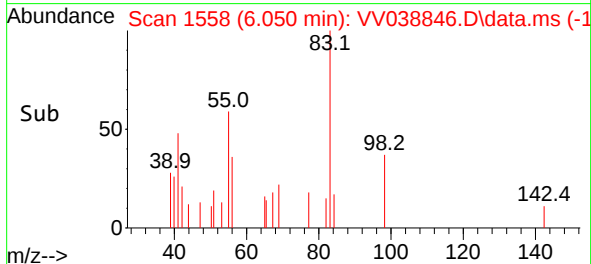
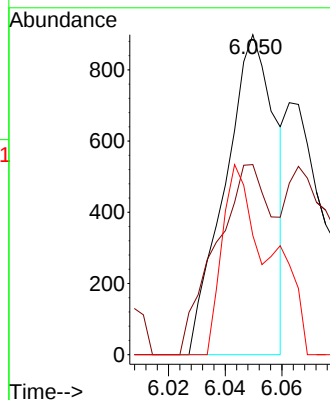
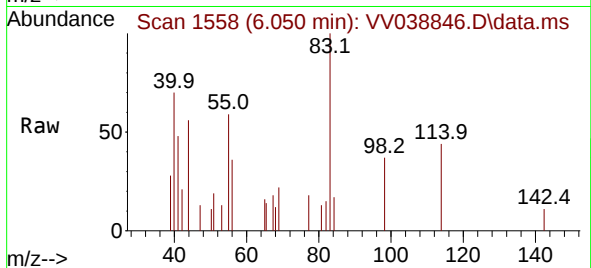
Tgt Ion: 83 Resp: 1107

Ion Ratio Lower Upper

83 100

55 59.4 57.7 86.5

98 37.3 40.2 60.2#



#40

Benzene

Concen: 0.286 ug/l

RT: 5.043 min Scan# 1245

Delta R.T. 0.035 min

Lab File: VV038846.D

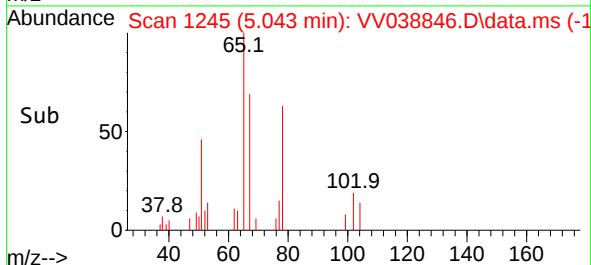
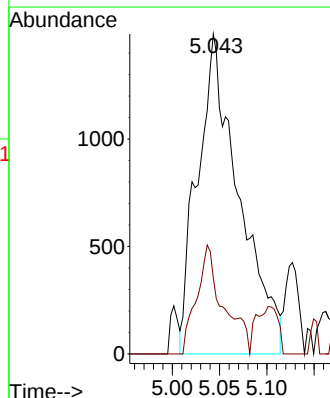
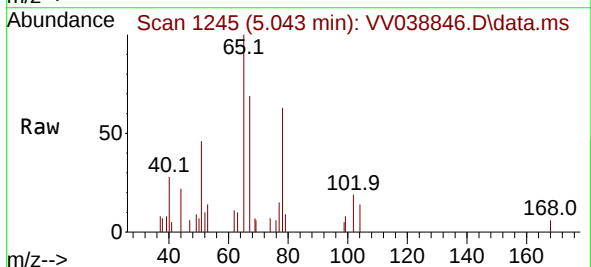
Acq: 02 Jul 2025 17:21

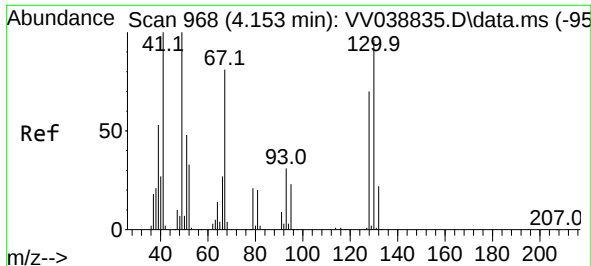
Tgt Ion: 78 Resp: 4519

Ion Ratio Lower Upper

78 100

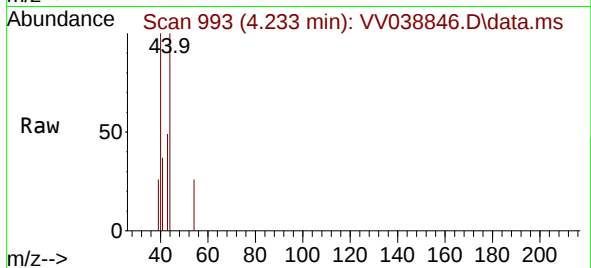
77 25.5 19.6 29.4



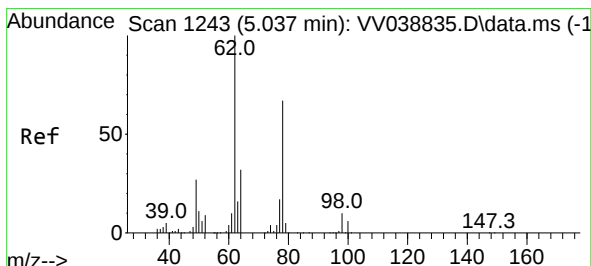
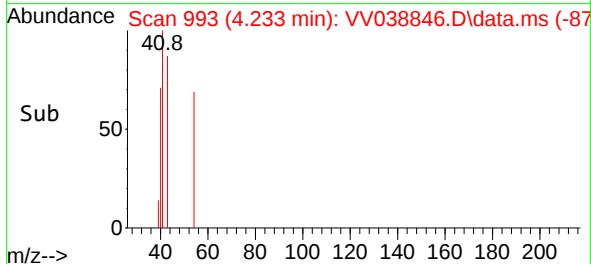
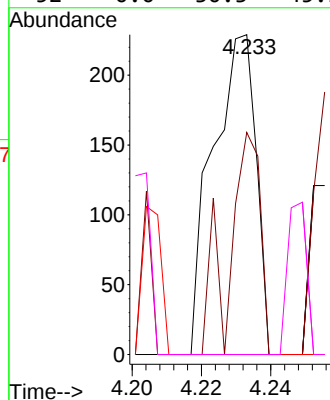


#41
Methacrylonitrile
Concen: 0.094 ug/l
RT: 4.233 min Scan# 91
Delta R.T. 0.080 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Instrument :
MSVOA_V
ClientSampleId :
MDL02

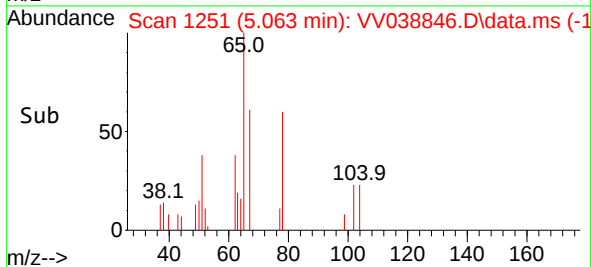
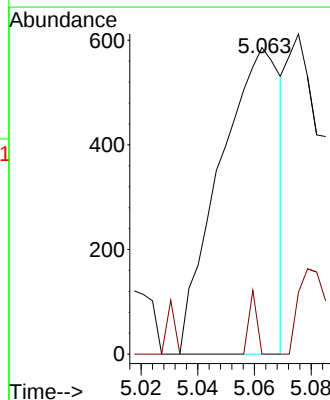
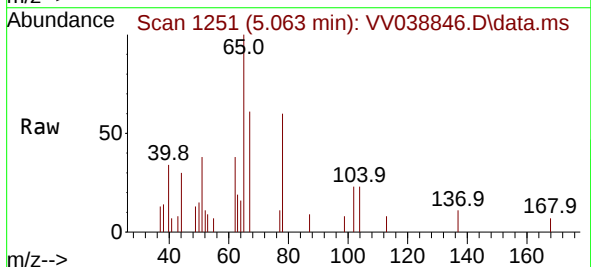


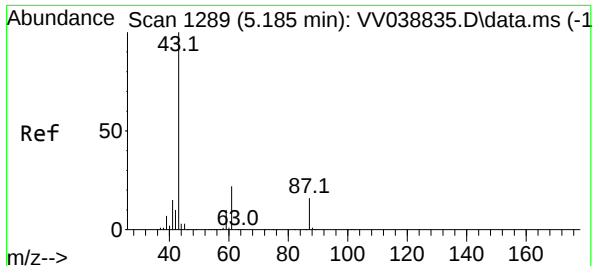
Tgt Ion:	41	Resp:	198
Ion	Ratio	Lower	Upper
41	100		
39	50.5	43.8	65.8
67	0.0	78.8	118.2#
52	0.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 0.155 ug/l
RT: 5.063 min Scan# 1251
Delta R.T. 0.026 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:	62	Resp:	865
Ion	Ratio	Lower	Upper
62	100		
98	2.8	0.0	19.0

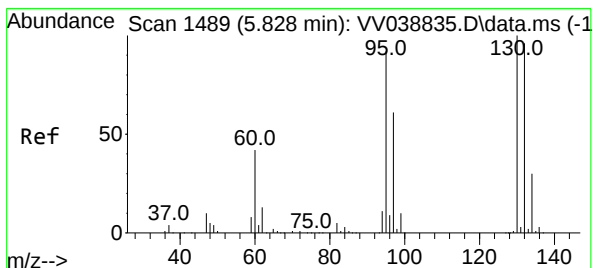
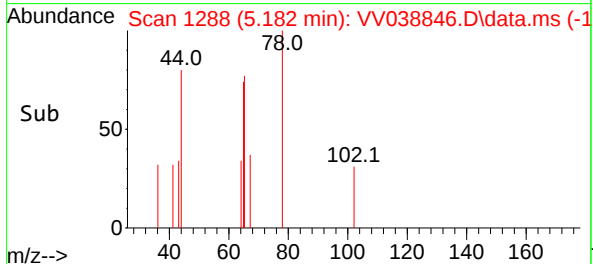
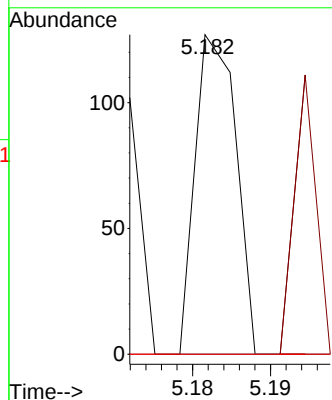
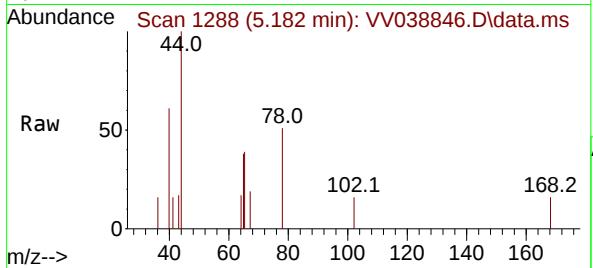




#43
Isopropyl Acetate
Concen: 0.006 ug/l
RT: 5.182 min Scan# 1288
Delta R.T. -0.003 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

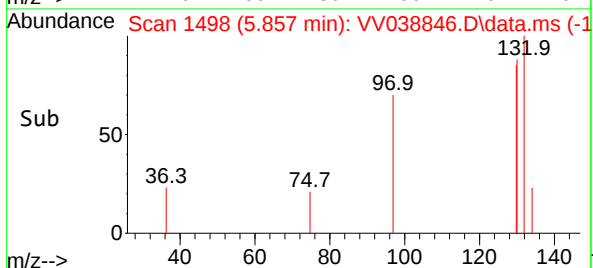
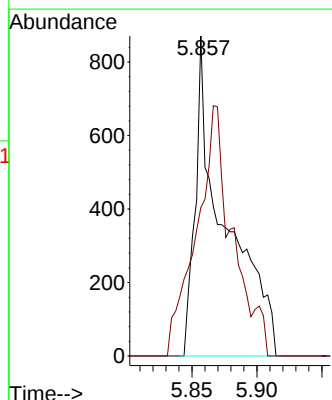
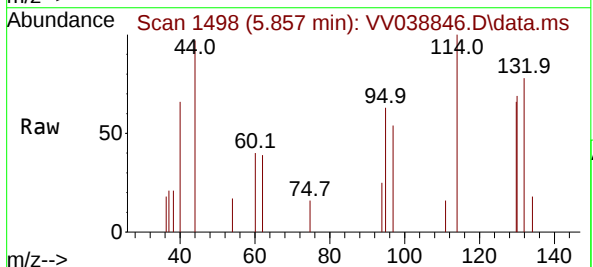
Instrument :
MSVOA_V
ClientSampleId :
MDL02

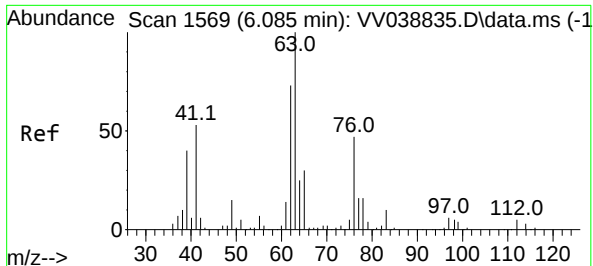
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
61 0.0 17.0 25.6#
87 0.0 13.0 19.6#



#44
Trichloroethene
Concen: 0.327 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.029 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 130 Resp: 1348
Ion Ratio Lower Upper
130 100
95 46.4 0.0 184.4





#45

1,2-Dichloropropane

Concen: 0.072 ug/l

RT: 6.092 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

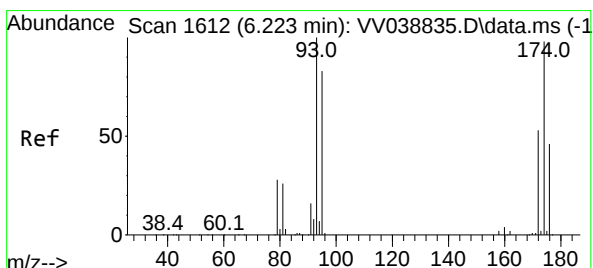
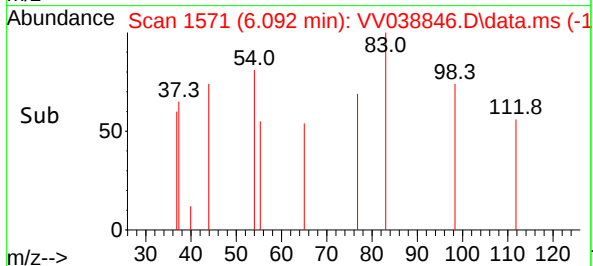
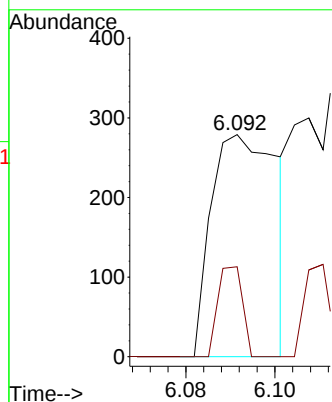
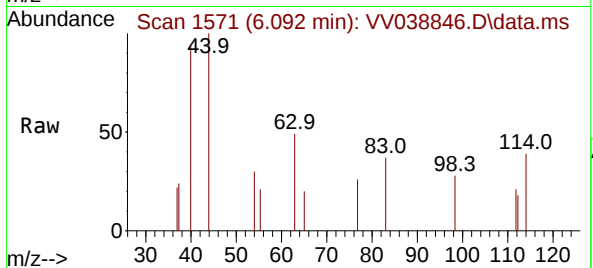
MDL02

Tgt Ion: 63 Resp: 287

Ion Ratio Lower Upper

63 100

65 40.5 24.3 36.5#



#46

Dibromomethane

Concen: 0.144 ug/l

RT: 6.262 min Scan# 1624

Delta R.T. 0.039 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

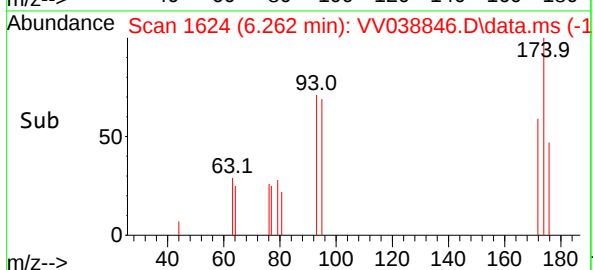
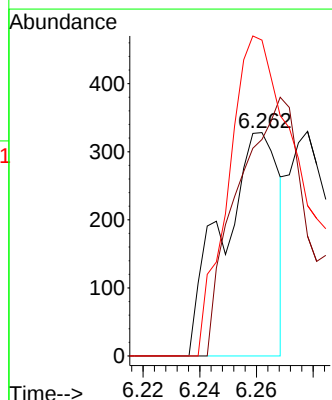
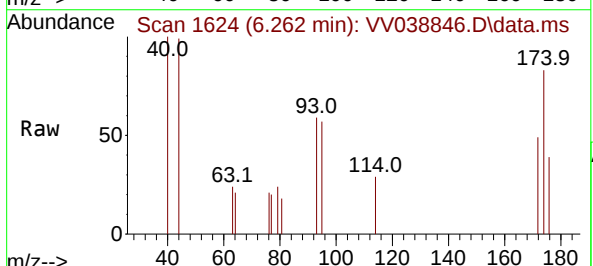
Tgt Ion: 93 Resp: 450

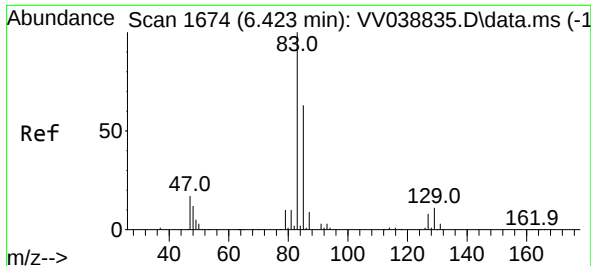
Ion Ratio Lower Upper

93 100

95 134.0 66.7 100.1#

174 202.0 78.7 118.1#

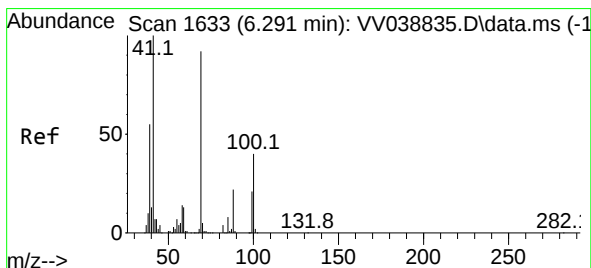
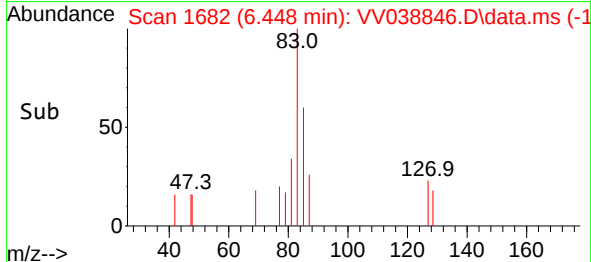
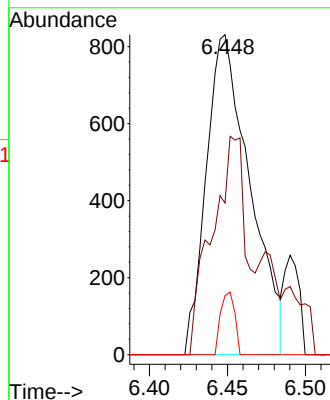
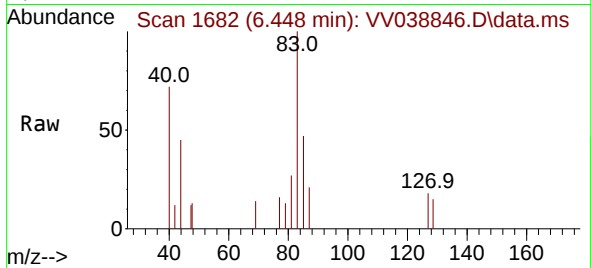




#47
Bromodichloromethane
Concen: 0.244 ug/l
RT: 6.448 min Scan# 1682
Delta R.T. 0.026 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

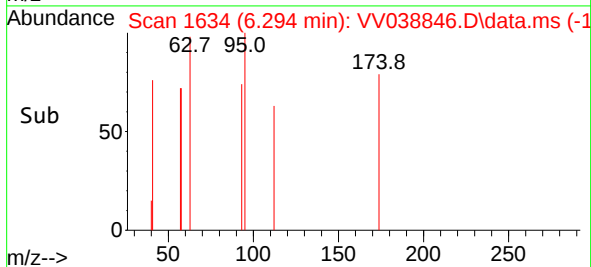
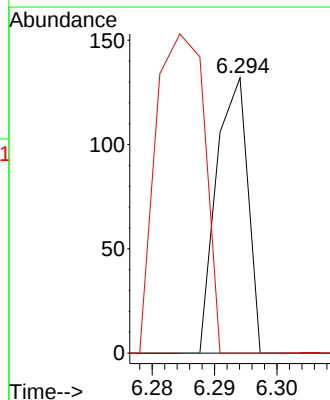
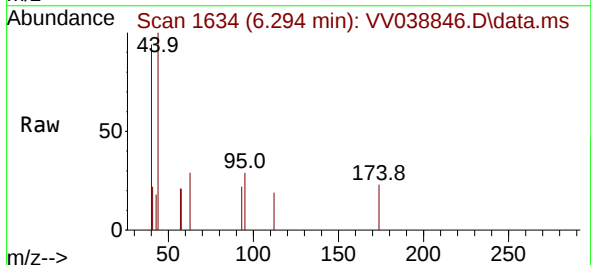
Instrument :
MSVOA_V
ClientSampleId :
MDL02

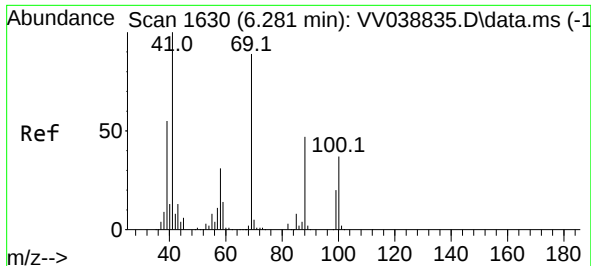
Tgt Ion: 83 Resp: 1616
Ion Ratio Lower Upper
83 100
85 47.4 50.1 75.1#
127 18.4 6.6 10.0#



#48
Methyl methacrylate
Concen: 0.012 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 41 Resp: 46
Ion Ratio Lower Upper
41 100
69 0.0 77.4 116.2#
39 180.4 44.2 66.4#





#49

1,4-Dioxane

Concen: 0.370 ug/l

RT: 6.249 min Scan# 1

Delta R.T. -0.032 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL02

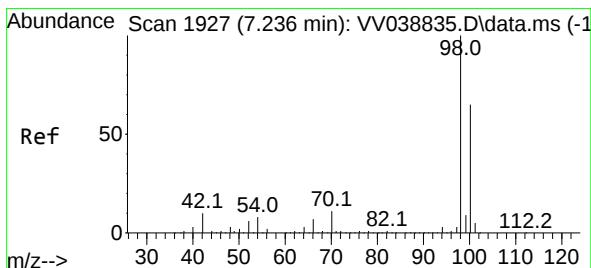
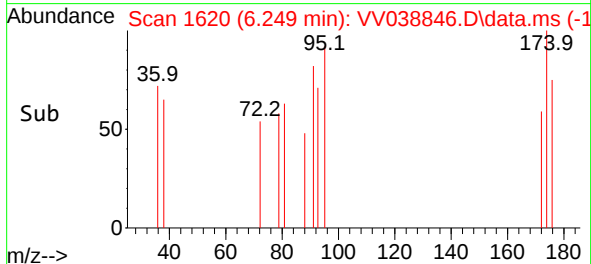
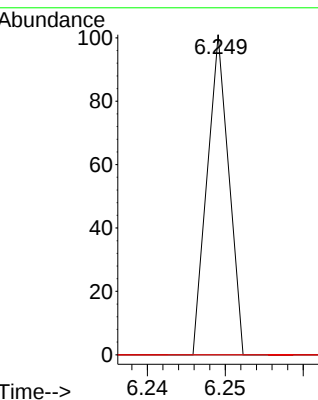
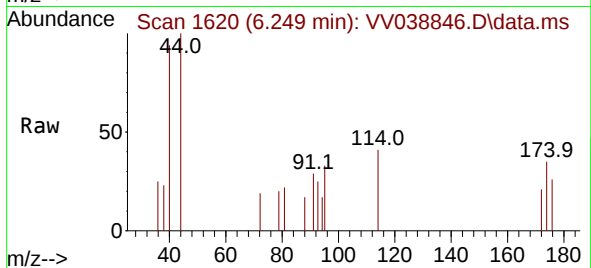
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 25.2 37.8#

58 0.0 52.1 78.1#



#50

Toluene-d8

Concen: 34.042 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038846.D

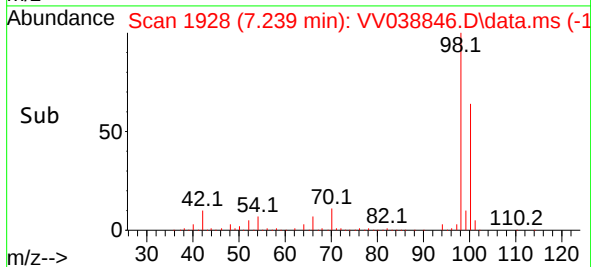
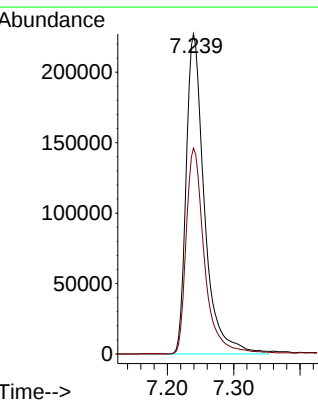
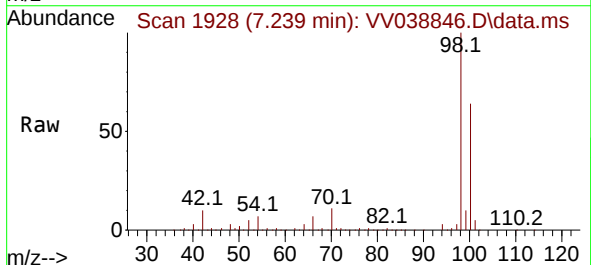
Acq: 02 Jul 2025 17:21

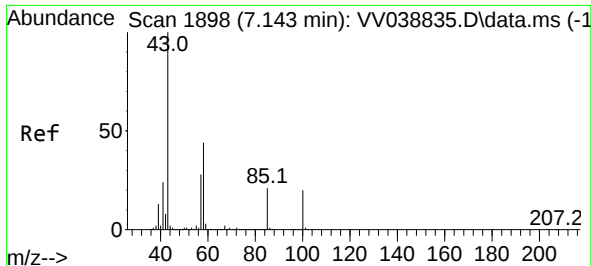
Tgt Ion: 98 Resp: 434625

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4

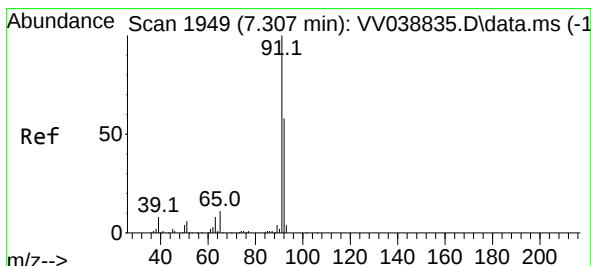
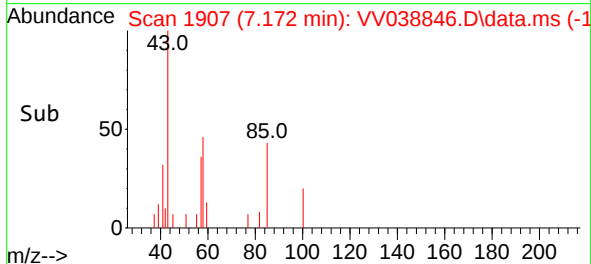
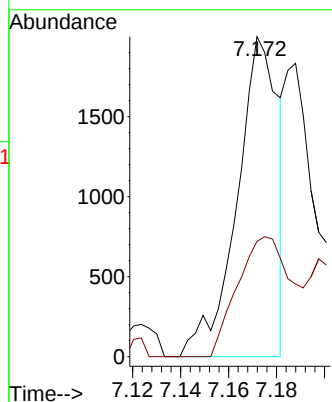
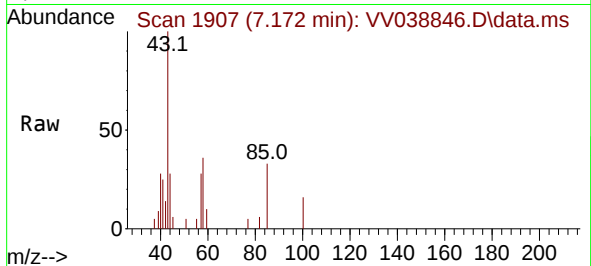




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 7.172 min Scan# 1907
Delta R.T. 0.029 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

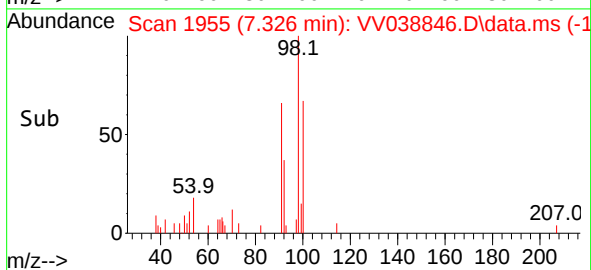
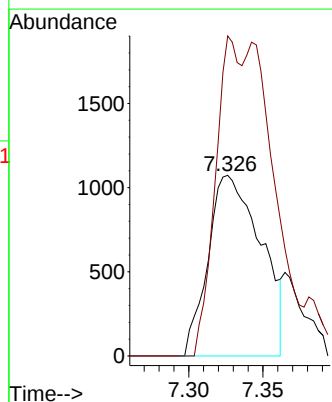
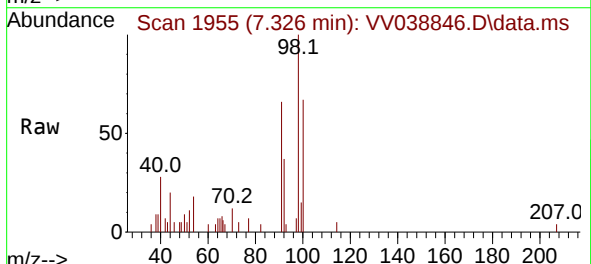
Instrument :
MSVOA_V
ClientSampleId :
MDL02

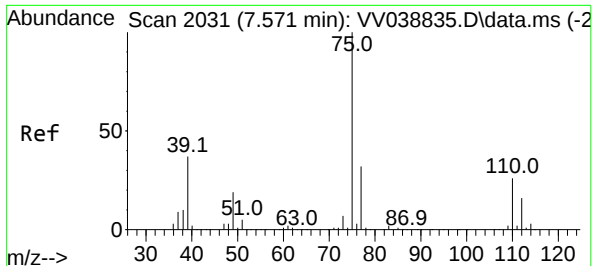
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
58 49.6 34.4 51.6



#52
Toluene
Concen: 0.269 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 92 Resp: 2660
Ion Ratio Lower Upper
92 100
91 87.9 138.5 207.7#





#53

t-1,3-Dichloropropene

Concen: 0.161 ug/l

RT: 7.635 min Scan# 2031

Delta R.T. 0.064 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

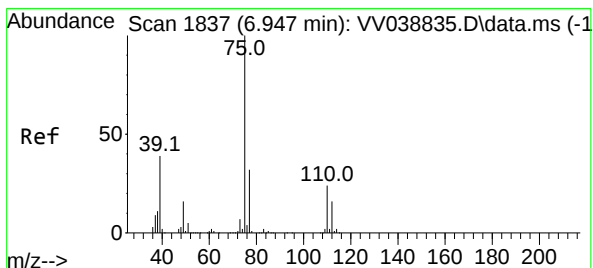
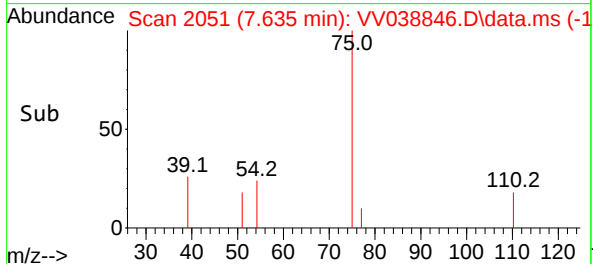
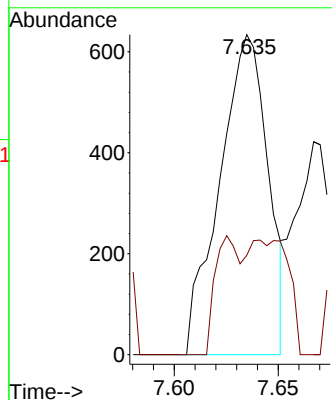
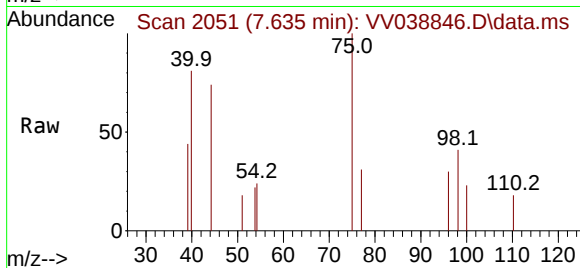
MDL02

Tgt Ion: 75 Resp: 1020

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.231 ug/l

RT: 6.985 min Scan# 1849

Delta R.T. 0.039 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

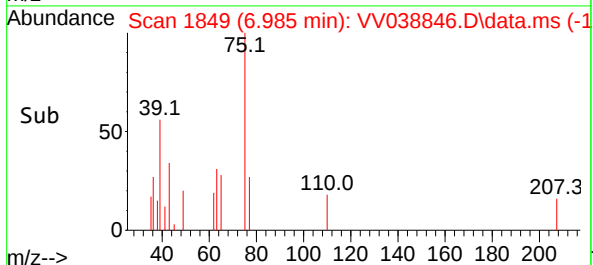
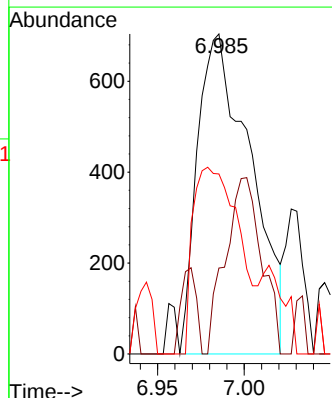
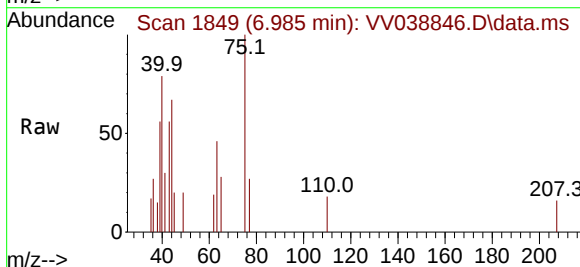
Tgt Ion: 75 Resp: 1502

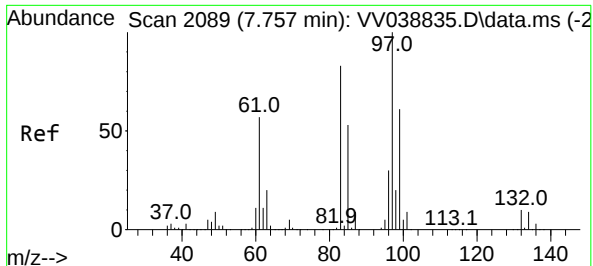
Ion Ratio Lower Upper

75 100

77 26.8 25.8 38.8

39 56.2 31.3 46.9#





#55

1,1,2-Trichloroethane

Concen: 0.293 ug/l

RT: 7.799 min Scan# 2102

Delta R.T. 0.042 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 97 Resp: 1266

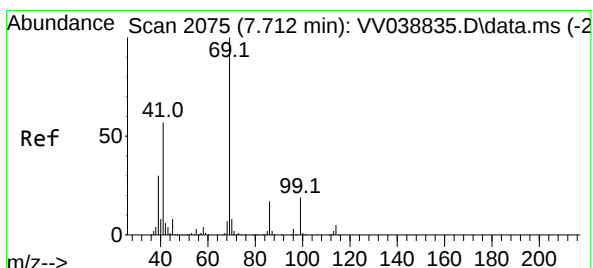
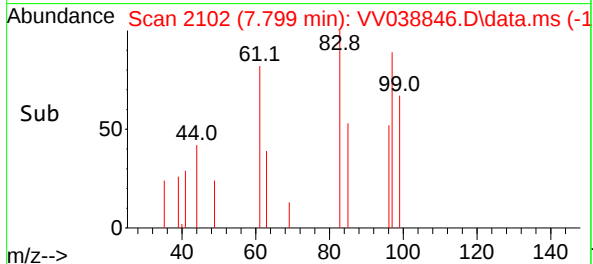
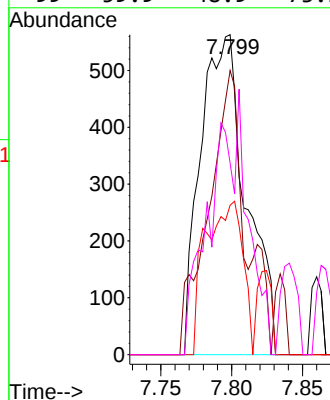
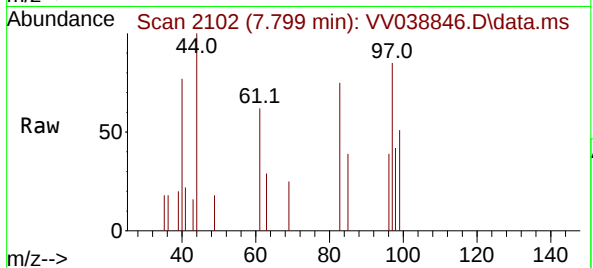
Ion Ratio Lower Upper

97 100

83 88.8 66.2 99.4

85 46.7 42.2 63.4

99 59.9 48.9 73.3



#56

Ethyl methacrylate

Concen: 0.018 ug/l

RT: 7.770 min Scan# 2093

Delta R.T. 0.058 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

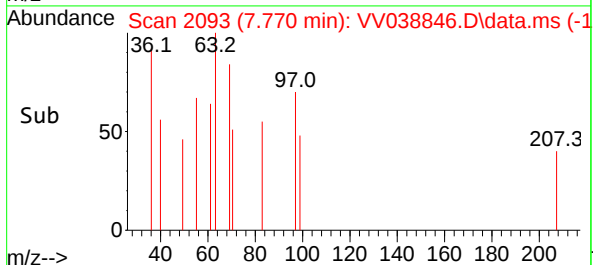
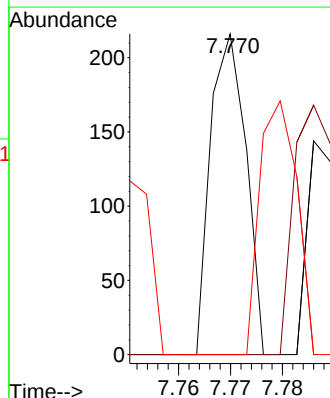
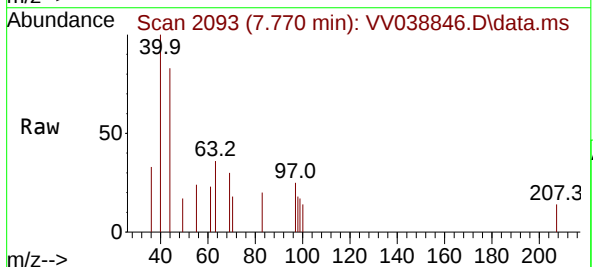
Tgt Ion: 69 Resp: 102

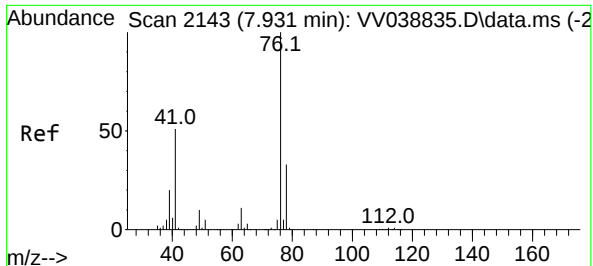
Ion Ratio Lower Upper

69 100

41 0.0 46.1 69.1#

39 83.3 24.1 36.1#

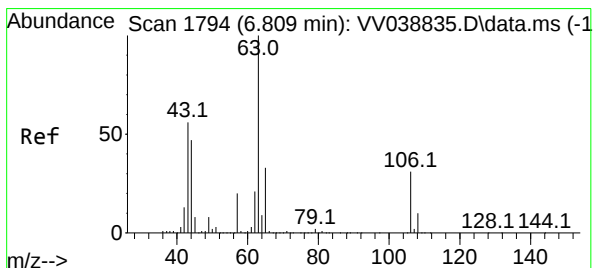
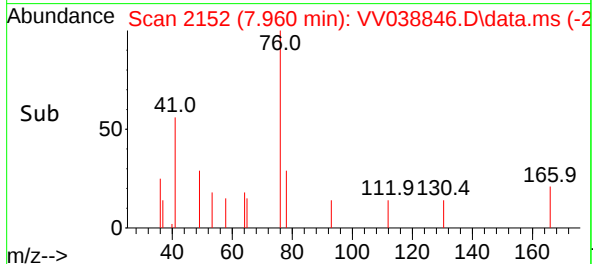
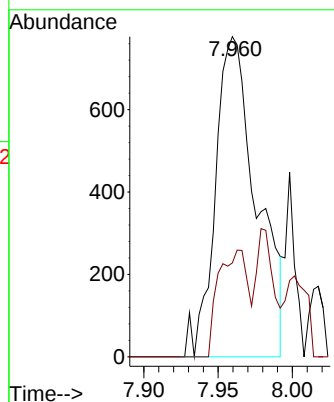
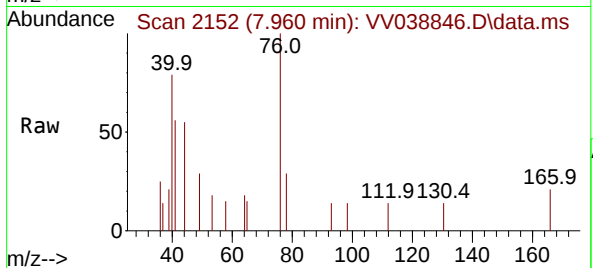




#57
1,3-Dichloropropane
Concen: 0.222 ug/l
RT: 7.960 min Scan# 2143
Delta R.T. 0.029 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

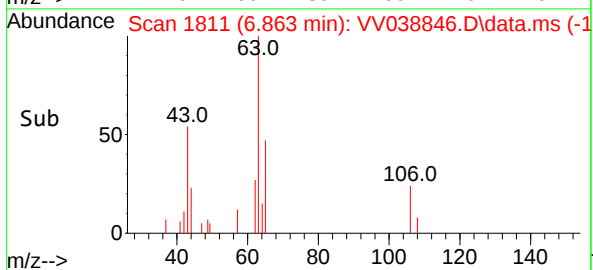
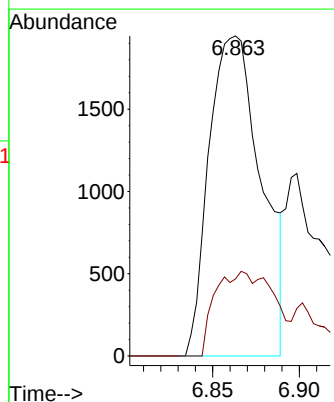
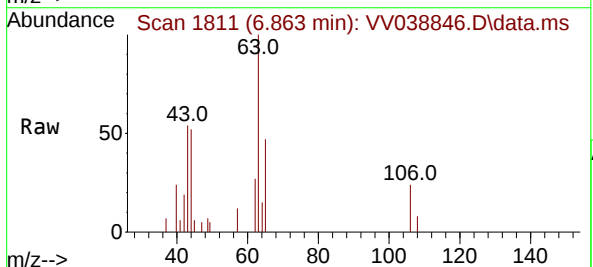
Instrument :
MSVOA_V
ClientSampleId :
MDL02

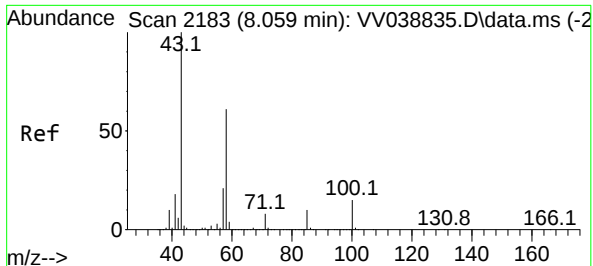
Tgt Ion: 76 Resp: 1508
Ion Ratio Lower Upper
76 100
78 23.5 26.2 39.2#



#58
2-Chloroethyl Vinyl ether
Concen: 1.580 ug/l
RT: 6.863 min Scan# 1811
Delta R.T. 0.055 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 63 Resp: 4078
Ion Ratio Lower Upper
63 100
106 30.1 24.6 37.0





#59

2-Hexanone

Concen: 0.015 ug/l

RT: 8.095 min Scan# 21

Delta R.T. 0.035 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

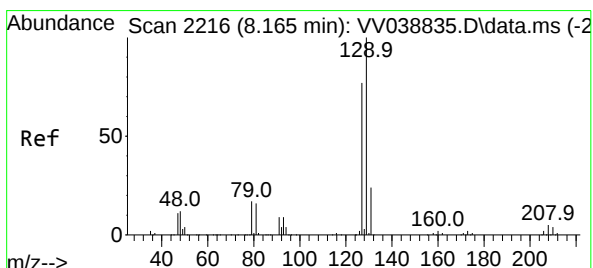
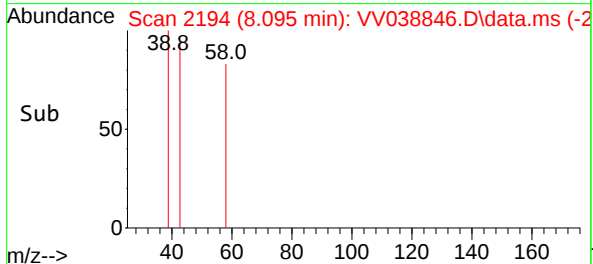
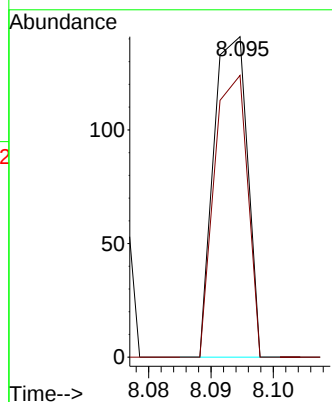
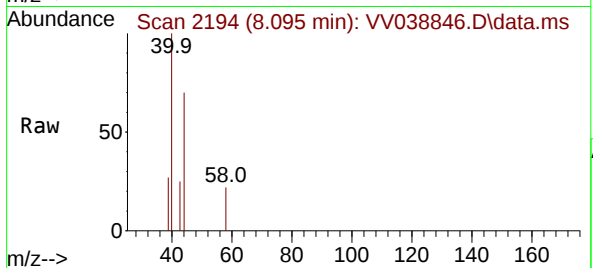
MDL02

Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

58 86.8 30.3 91.0



#60

Dibromochloromethane

Concen: 0.278 ug/l

RT: 8.188 min Scan# 2223

Delta R.T. 0.023 min

Lab File: VV038846.D

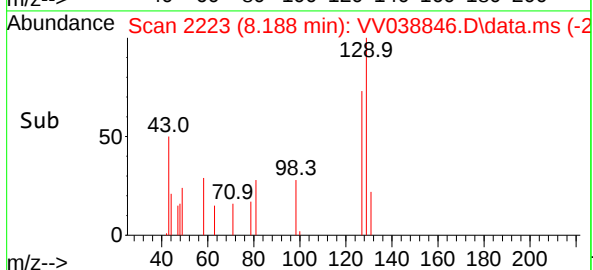
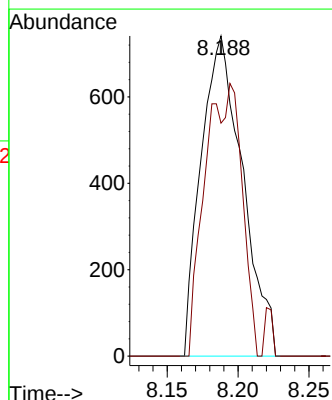
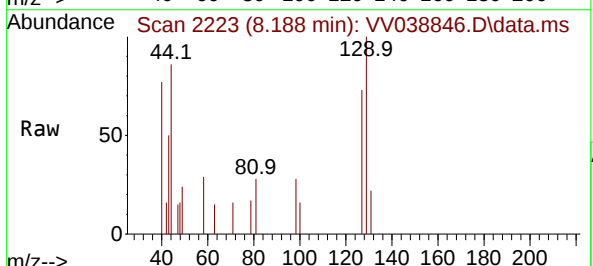
Acq: 02 Jul 2025 17:21

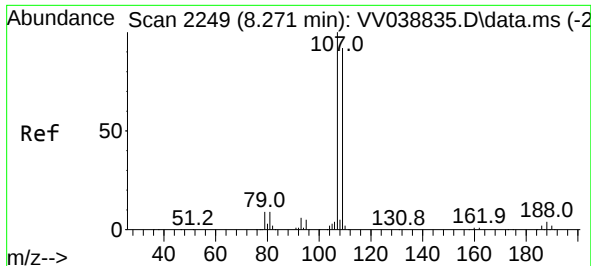
Tgt Ion: 129 Resp: 1510

Ion Ratio Lower Upper

129 100

127 38.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.119 ug/l

RT: 8.291 min Scan# 21

Delta R.T. 0.019 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

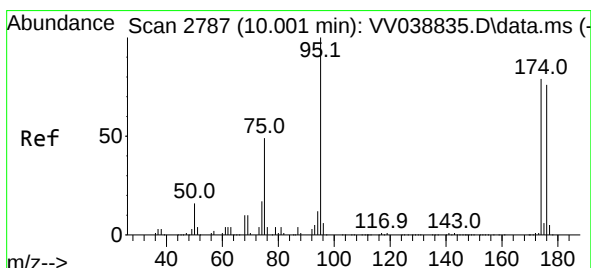
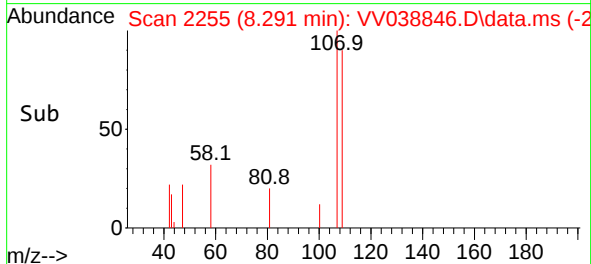
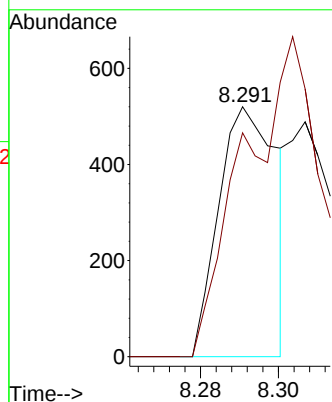
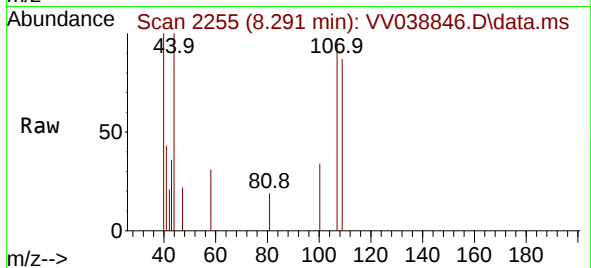
MDL02

Tgt Ion:107 Resp: 534

Ion Ratio Lower Upper

107 100

109 159.9 74.8 112.2#



#62

4-Bromofluorobenzene

Concen: 31.239 ug/l

RT: 10.005 min Scan# 2788

Delta R.T. 0.003 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

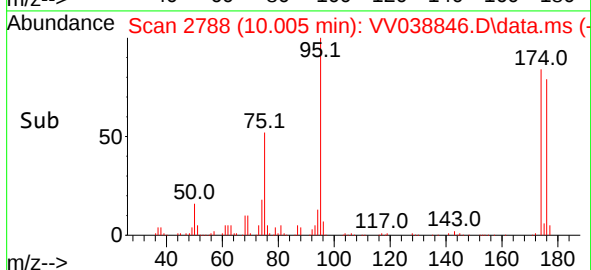
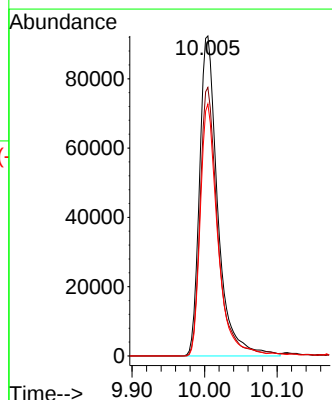
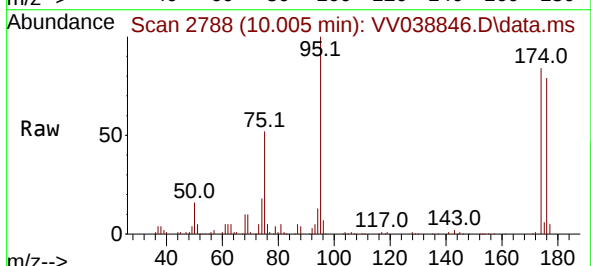
Tgt Ion: 95 Resp: 161139

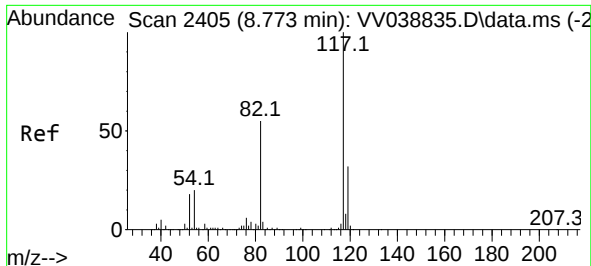
Ion Ratio Lower Upper

95 100

174 80.8 0.0 158.2

176 75.6 0.0 154.4

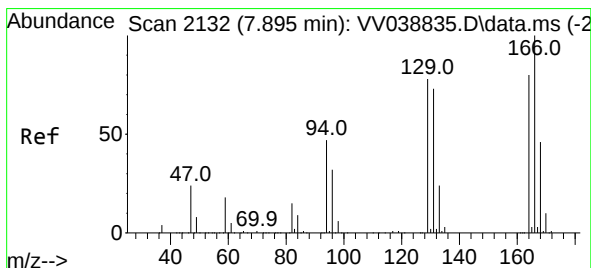
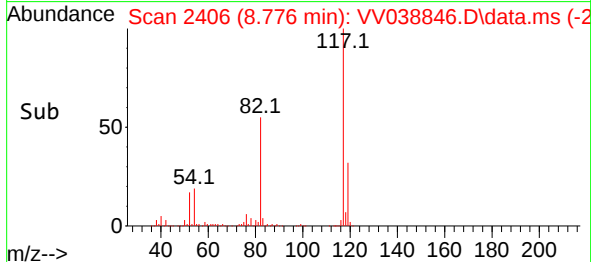
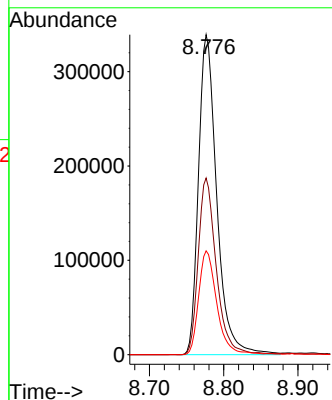
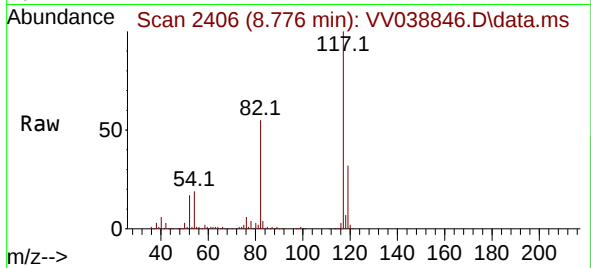




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

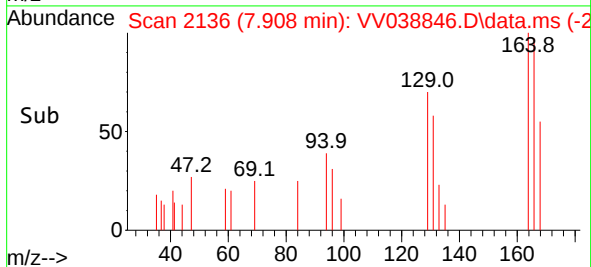
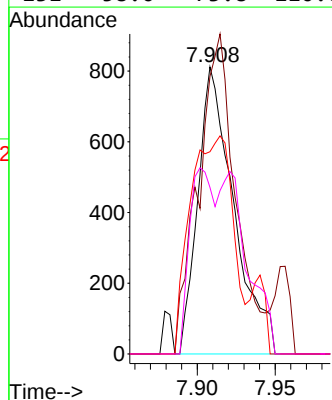
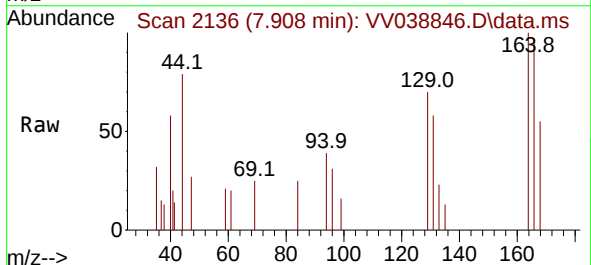
Instrument :
MSVOA_V
ClientSampleId :
MDL02

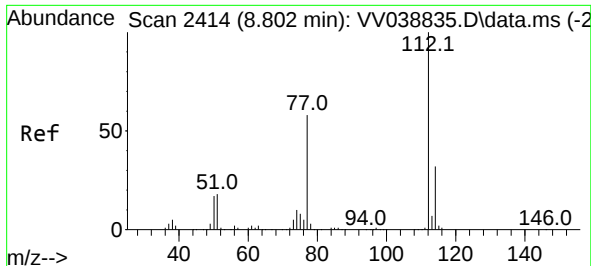
Tgt Ion:117 Resp: 581664
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.348 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:164 Resp: 1303
Ion Ratio Lower Upper
164 100
166 75.6 100.6 151.0#
129 70.4 78.4 117.6#
131 58.0 73.8 110.6#

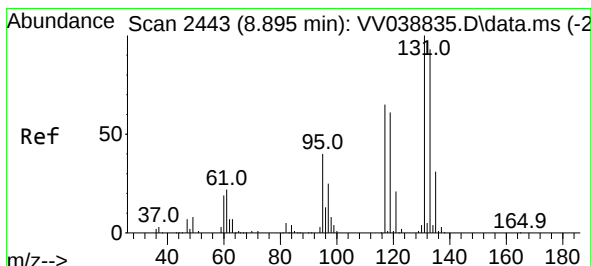
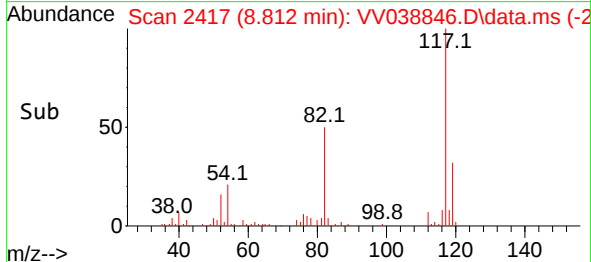
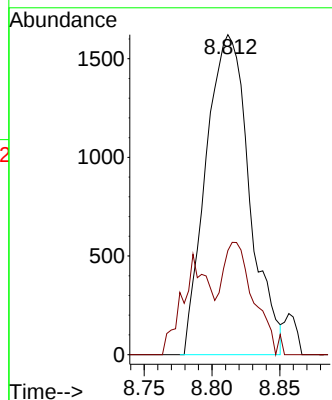
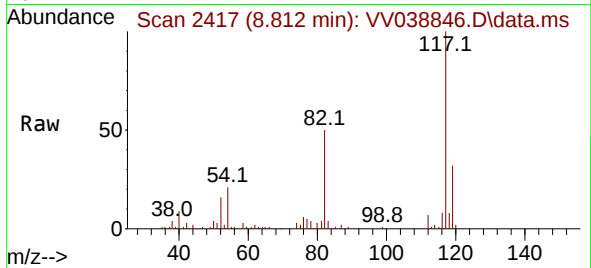




#65
Chlorobenzene
Concen: 0.295 ug/l
RT: 8.812 min Scan# 2414
Delta R.T. 0.010 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

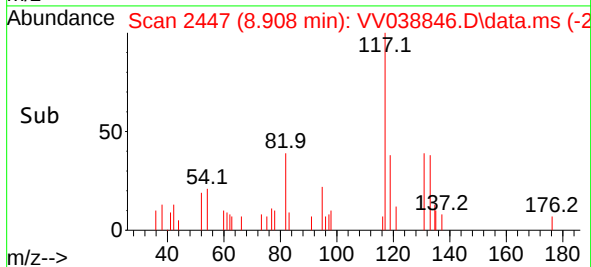
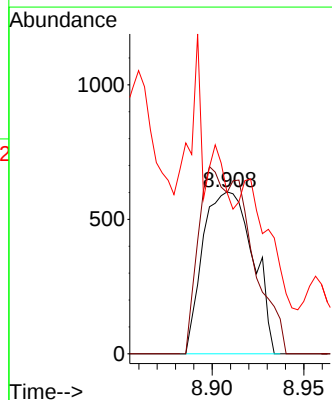
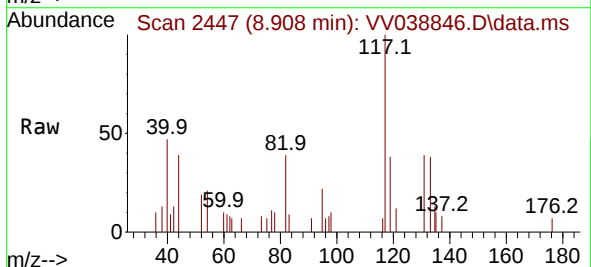
Instrument :
MSVOA_V
ClientSampleId :
MDL02

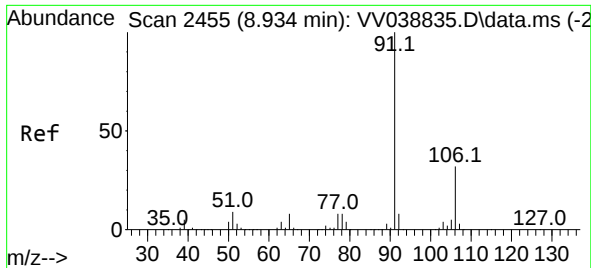
Tgt Ion:112 Resp: 3615
Ion Ratio Lower Upper
112 100
114 26.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.250 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.013 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:131 Resp: 1143
Ion Ratio Lower Upper
131 100
133 64.7 47.3 142.0
119 0.0 31.0 93.0#

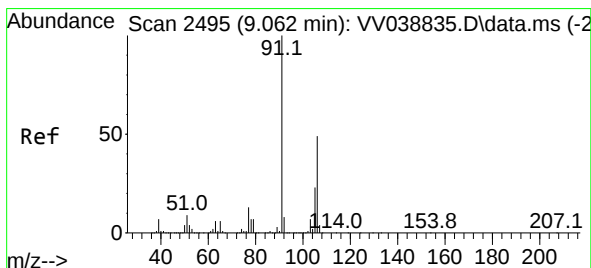
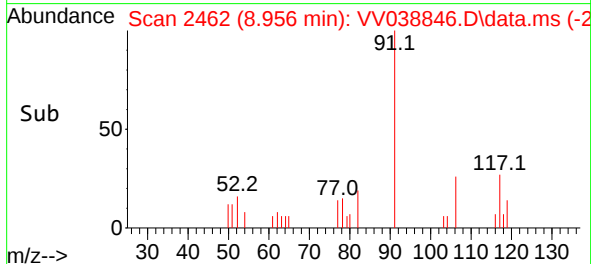
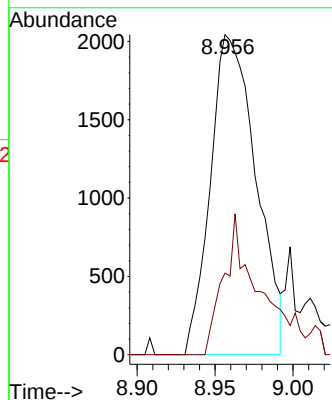
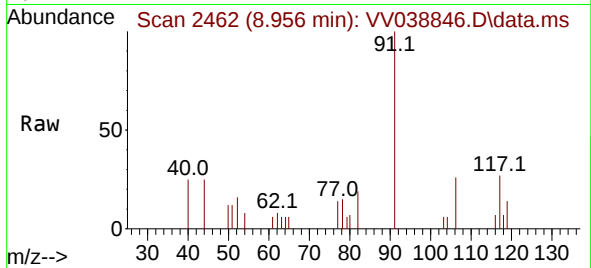




#67
Ethyl Benzene
Concen: 0.217 ug/l
RT: 8.956 min Scan# 2455
Delta R.T. 0.023 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

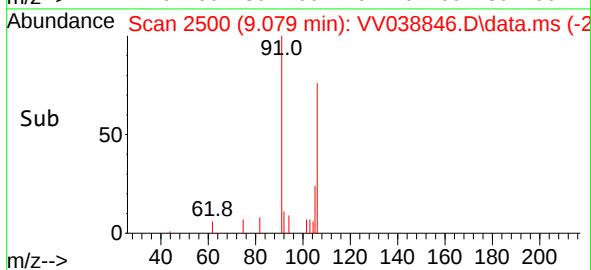
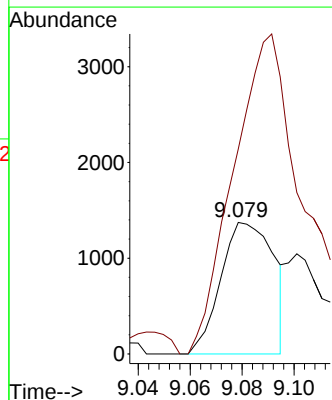
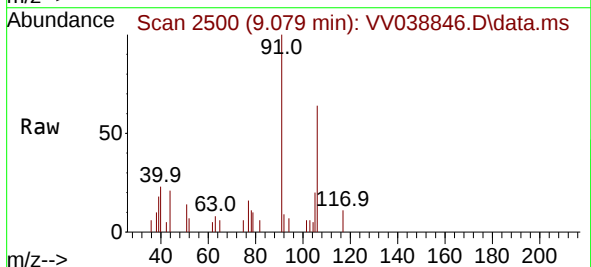
Instrument :
MSVOA_V
ClientSampleId :
MDL02

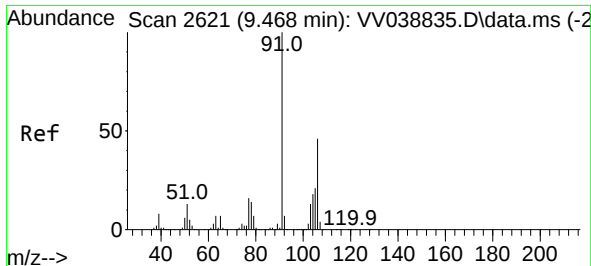
Tgt Ion: 91 Resp: 4167
Ion Ratio Lower Upper
91 100
106 25.5 25.2 37.8



#68
m/p-Xylenes
Concen: 0.264 ug/l
RT: 9.079 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 106 Resp: 1942
Ion Ratio Lower Upper
106 100
91 313.7 162.9 244.3#

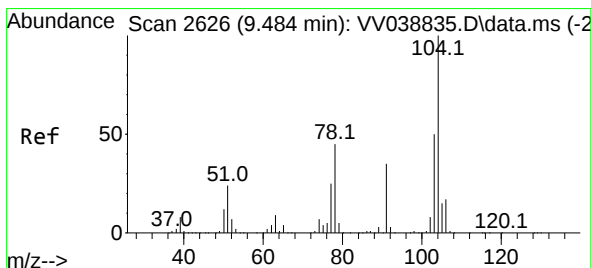
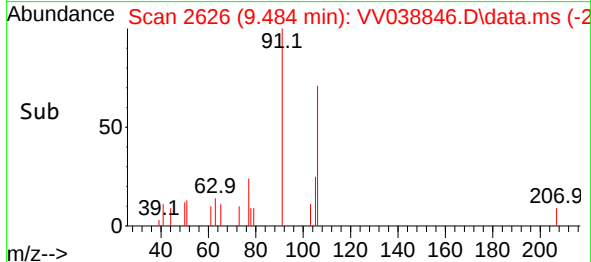
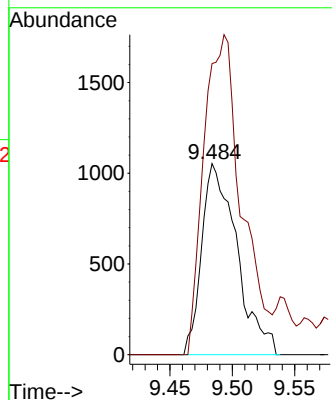
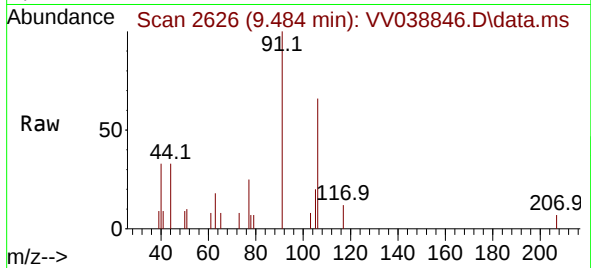




#69
o-Xylene
Concen: 0.293 ug/l
RT: 9.484 min Scan# 2061
Delta R.T. 0.016 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

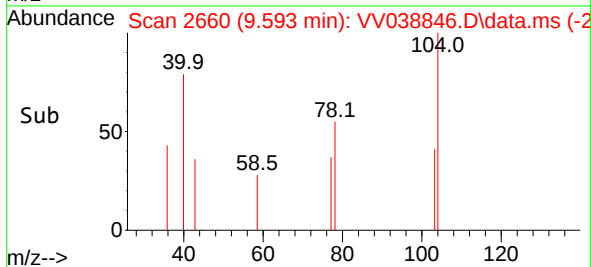
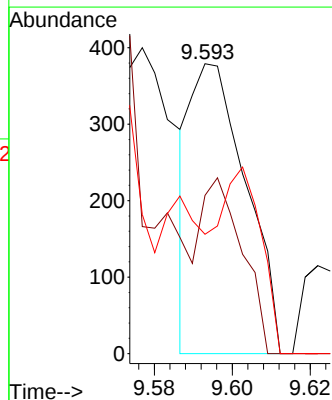
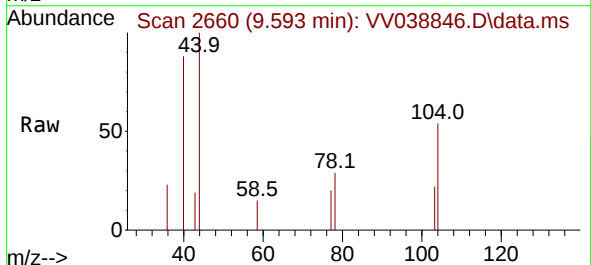
Instrument :
MSVOA_V
ClientSampleId :
MDL02

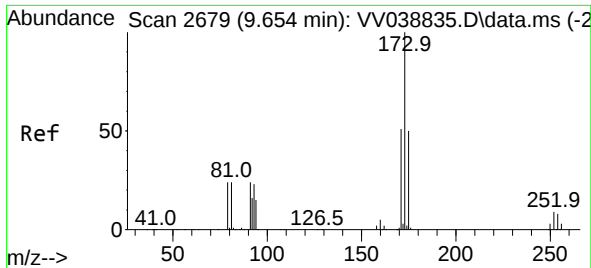
Tgt Ion:106 Resp: 2061
Ion Ratio Lower Upper
106 100
91 181.0 107.6 322.8



#70
Styrene
Concen: 0.031 ug/l
RT: 9.593 min Scan# 2660
Delta R.T. 0.109 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:104 Resp: 376
Ion Ratio Lower Upper
104 100
78 43.9 39.9 59.9
103 48.7 43.4 65.0

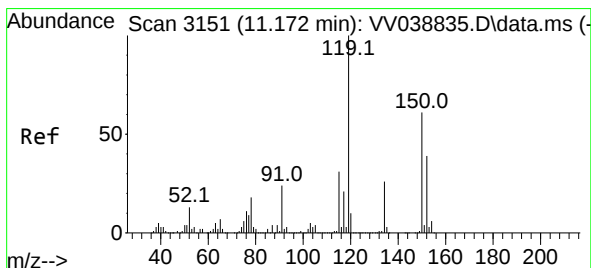
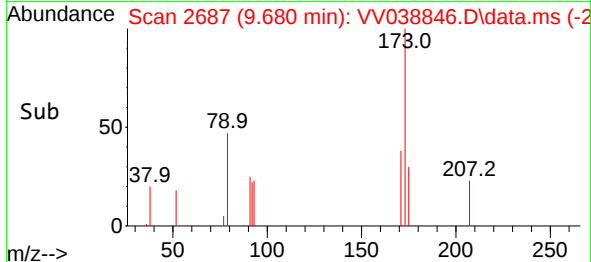
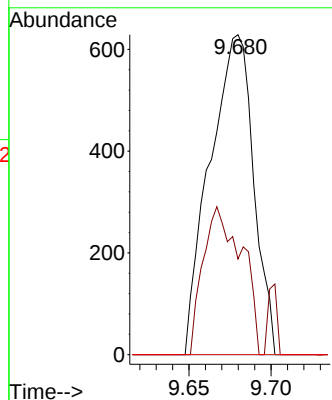
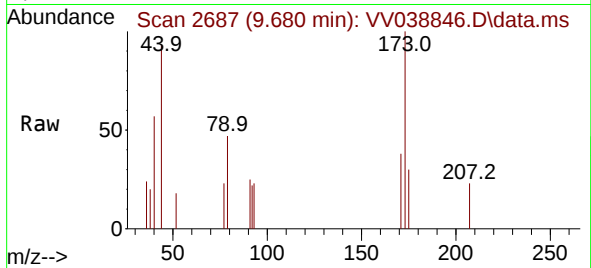




#71
Bromoform
Concen: 0.313 ug/l
RT: 9.680 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

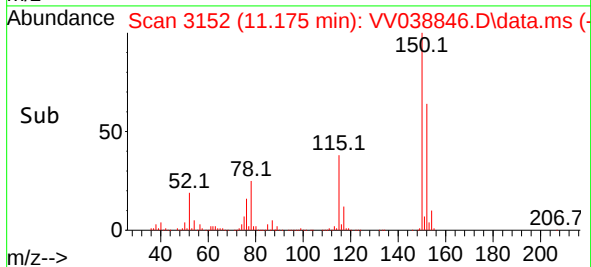
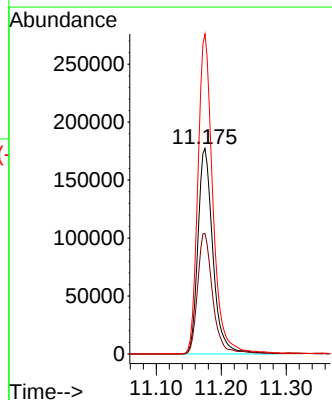
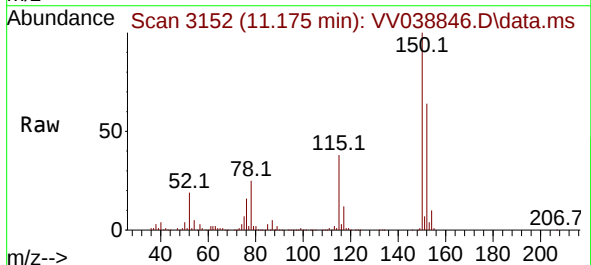
Instrument :
MSVOA_V
ClientSampleId :
MDL02

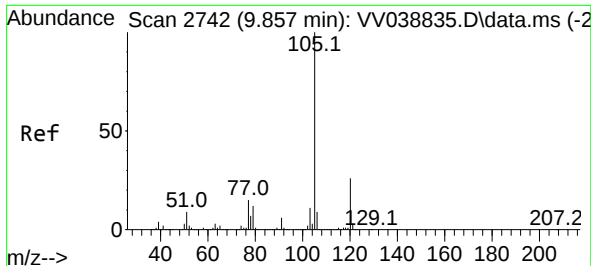
Tgt Ion:173 Resp: 1164
Ion Ratio Lower Upper
173 100
175 40.9 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:152 Resp: 285971
Ion Ratio Lower Upper
152 100
115 59.5 42.0 126.0
150 154.9 0.0 343.6

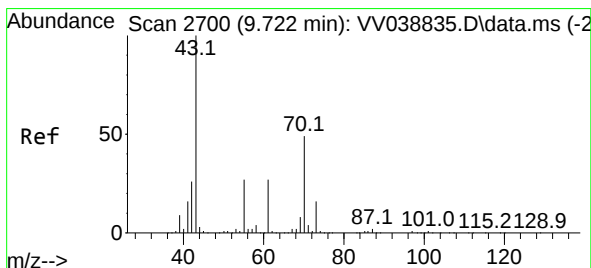
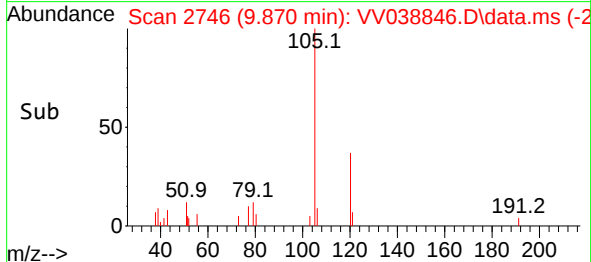
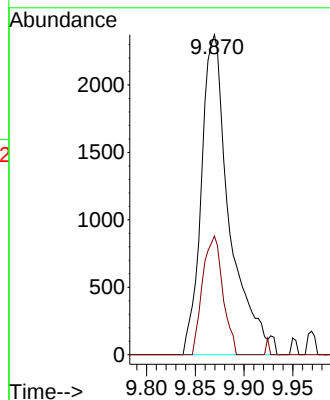
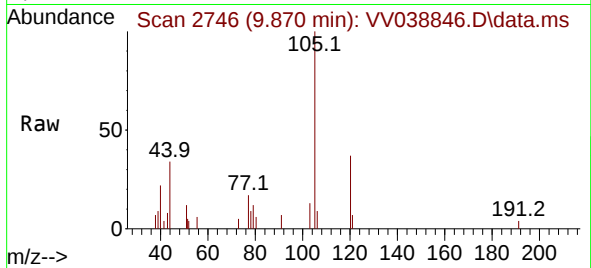




#73
Isopropylbenzene
Concen: 0.283 ug/l
RT: 9.870 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

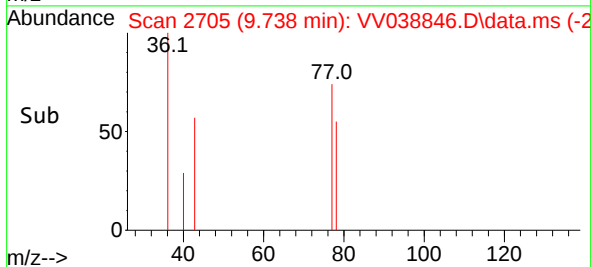
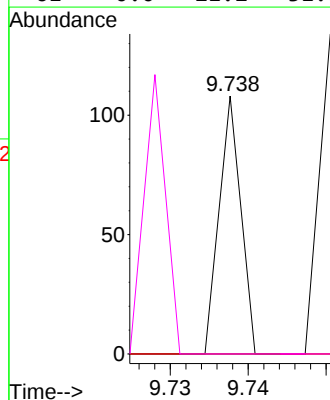
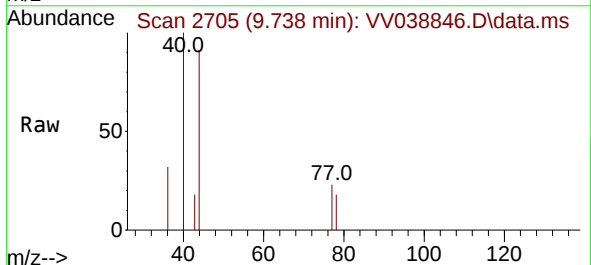
Instrument :
MSVOA_V
ClientSampleId :
MDL02

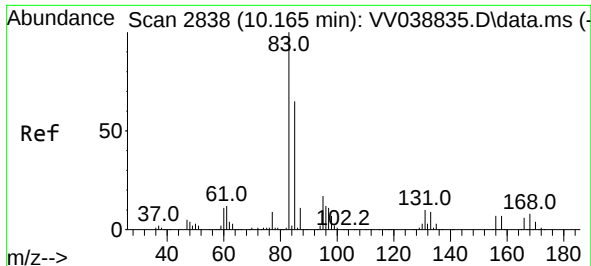
Tgt Ion:105 Resp: 4757
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 0.004 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.016 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
70 0.0 39.7 59.5#
55 0.0 22.1 33.1#
61 0.0 21.2 31.8#

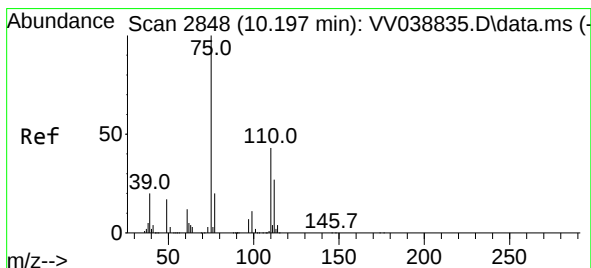
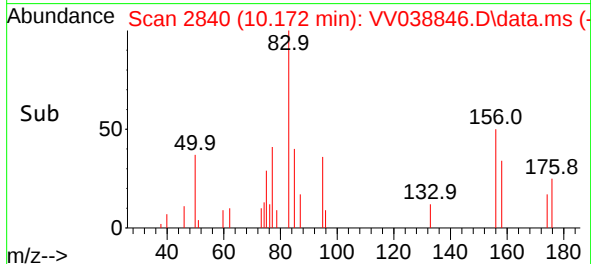
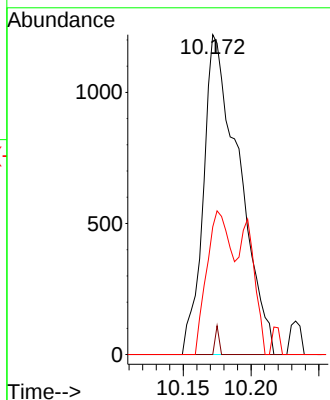
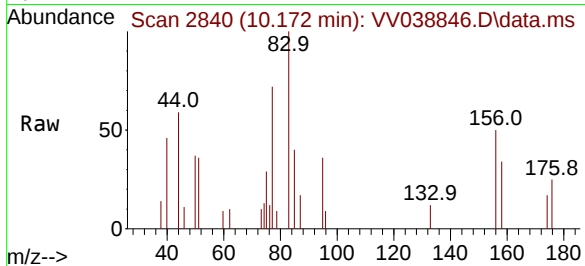




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.368 ug/l
 RT: 10.172 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

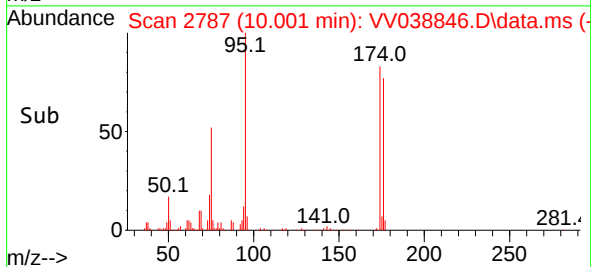
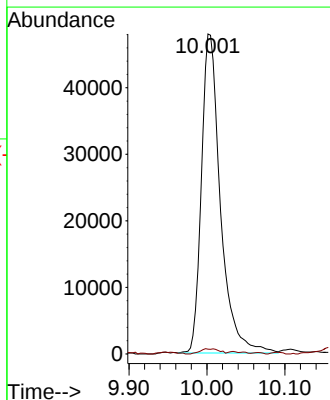
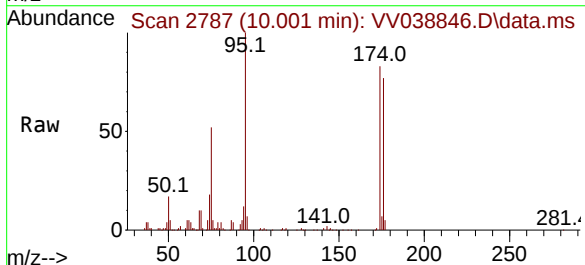
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

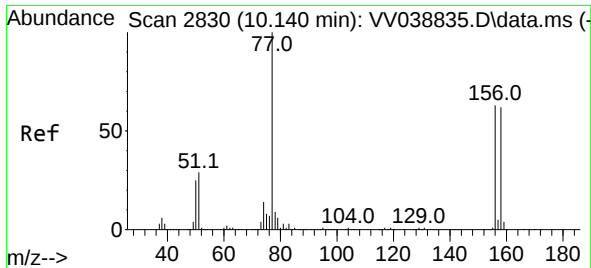
Tgt Ion: 83 Resp: 2239
 Ion Ratio Lower Upper
 83 100
 131 0.9 5.1 15.3#
 85 30.7 31.6 95.0#



#76
 1,2,3-Trichloropropane
 Concen: 18.376 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. -0.196 min
 Lab File: VV038846.D
 Acq: 02 Jul 2025 17:21

Tgt Ion: 75 Resp: 81306
 Ion Ratio Lower Upper
 75 100
 77 1.6 11.7 35.1#

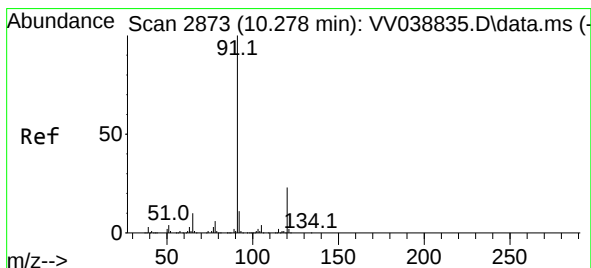
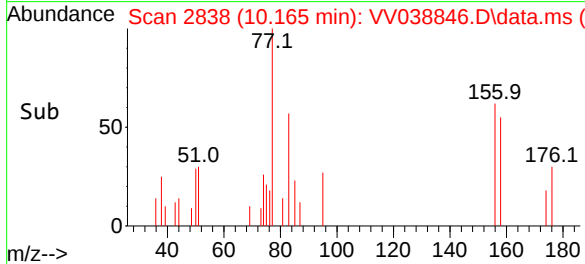
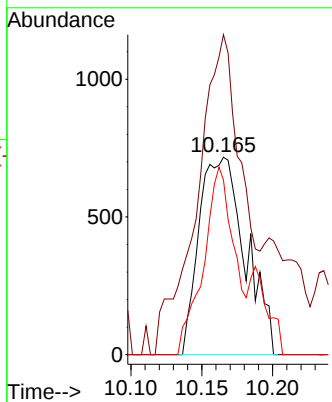
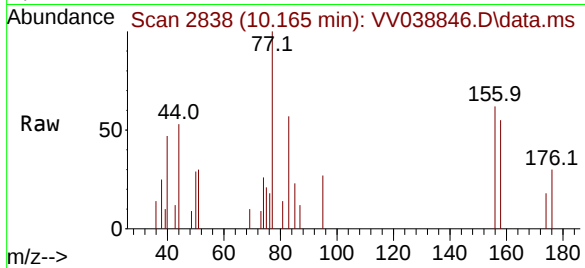




#77
Bromobenzene
Concen: 0.376 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.026 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

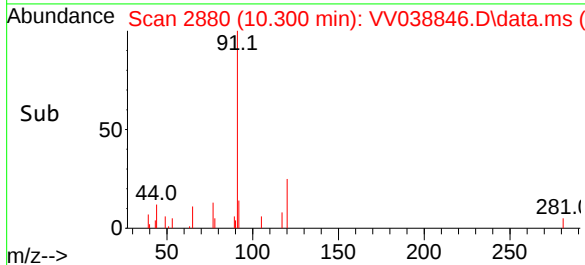
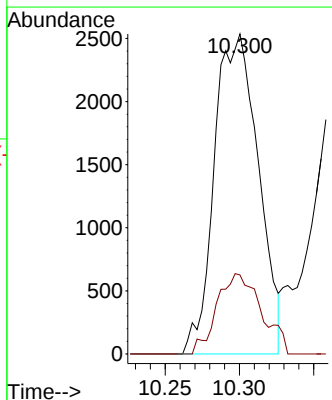
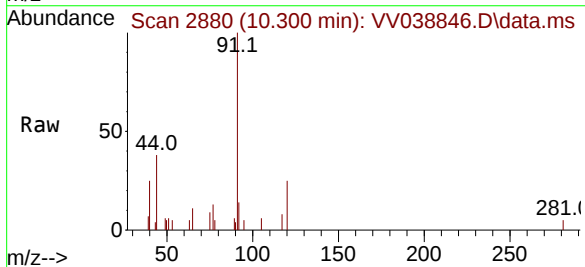
Instrument :
MSVOA_V
ClientSampleId :
MDL02

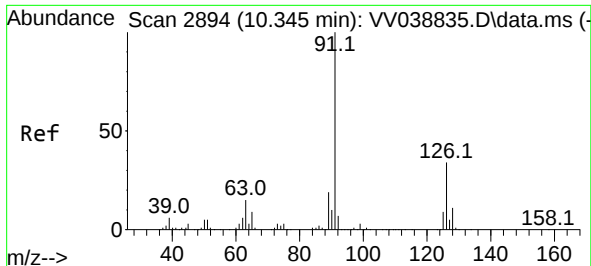
Tgt Ion:156 Resp: 1628
Ion Ratio Lower Upper
156 100
77 160.7 77.0 230.8
158 63.4 48.8 146.3



#78
n-propylbenzene
Concen: 0.261 ug/l
RT: 10.300 min Scan# 2880
Delta R.T. 0.023 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 91 Resp: 5214
Ion Ratio Lower Upper
91 100
120 25.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.319 ug/l

RT: 10.361 min Scan# 2899

Delta R.T. 0.016 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

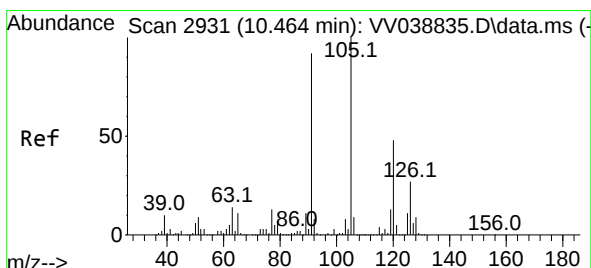
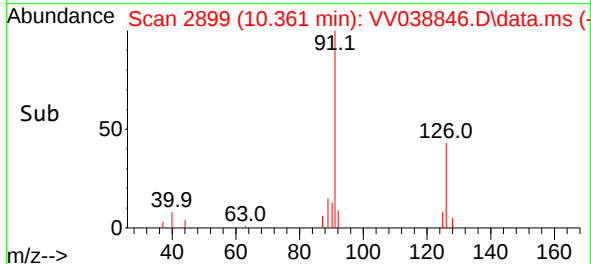
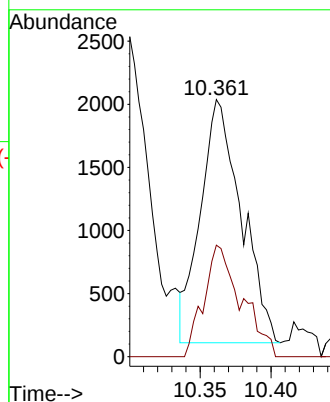
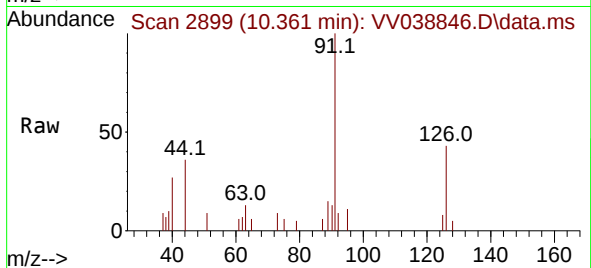
MDL02

Tgt Ion: 91 Resp: 3871

Ion Ratio Lower Upper

91 100

126 42.0 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 0.249 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.006 min

Lab File: VV038846.D

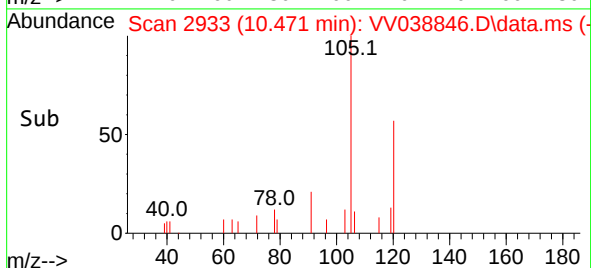
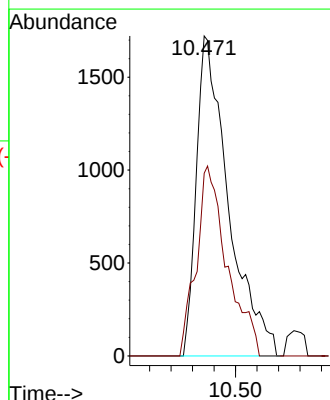
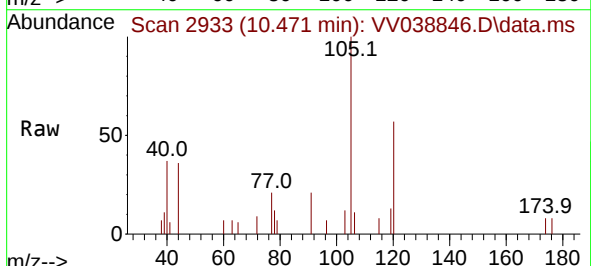
Acq: 02 Jul 2025 17:21

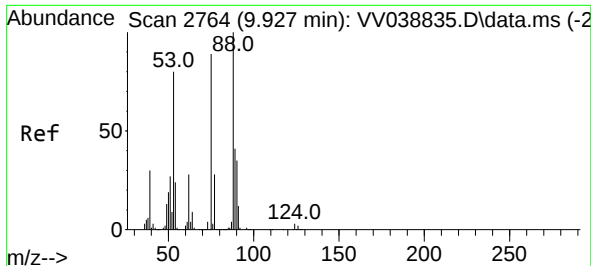
Tgt Ion: 105 Resp: 3574

Ion Ratio Lower Upper

105 100

120 56.9 23.9 71.7

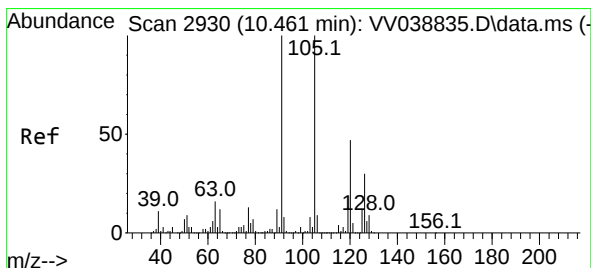
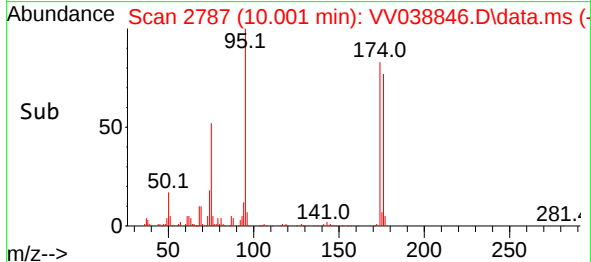
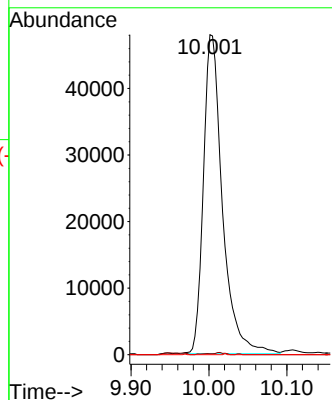
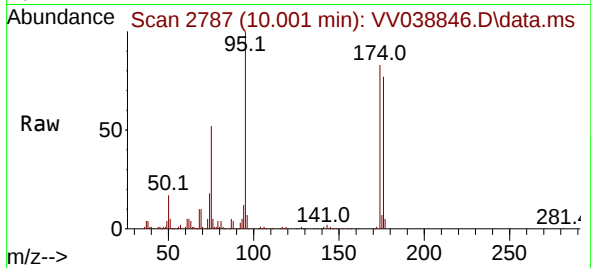




#81
trans-1,4-Dichloro-2-butene
Concen: 39.115 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

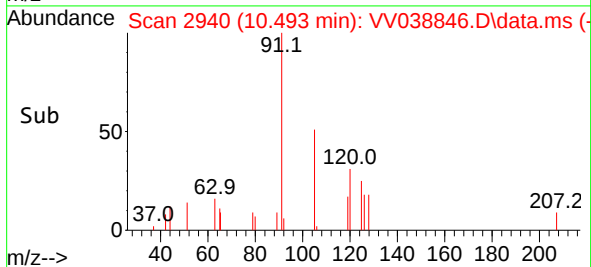
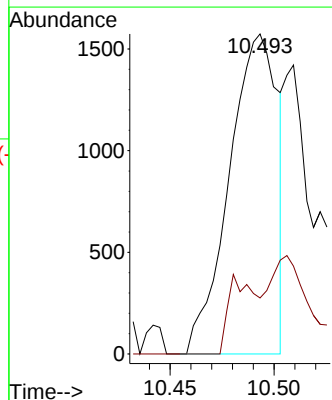
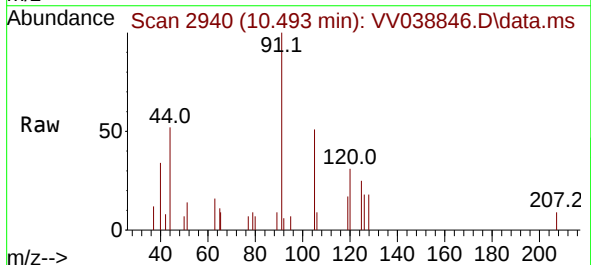
Instrument :
MSVOA_V
ClientSampleId :
MDL02

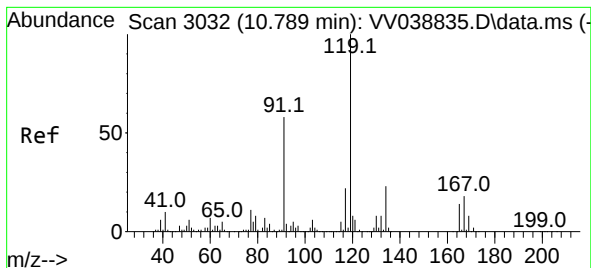
Tgt Ion: 75 Resp: 81306
Ion Ratio Lower Upper
75 100
53 0.2 71.2 106.8#
89 0.0 44.6 66.8#



#82
4-Chlorotoluene
Concen: 0.182 ug/l
RT: 10.493 min Scan# 2940
Delta R.T. 0.032 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 91 Resp: 2543
Ion Ratio Lower Upper
91 100
126 24.9 14.8 44.3





#83

tert-Butylbenzene

Concen: 0.266 ug/l

RT: 10.796 min Scan# 3034

Delta R.T. 0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

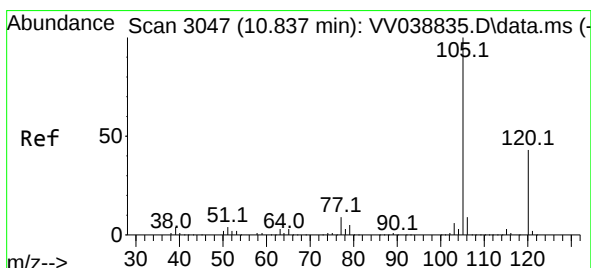
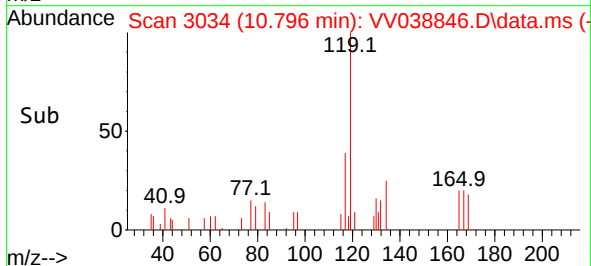
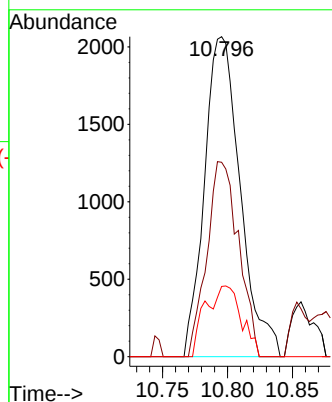
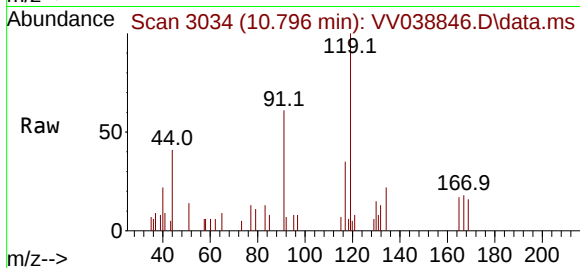
Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:119	Resp:	3960
Ion	Ratio	Lower Upper
119	100	
91	54.1	28.5 85.5
134	15.0	11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.250 ug/l

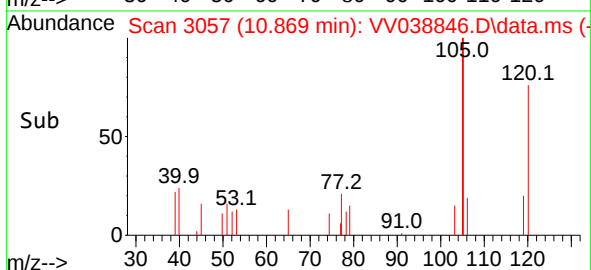
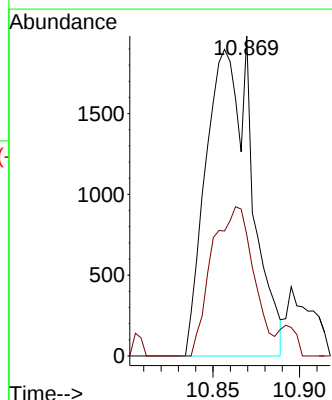
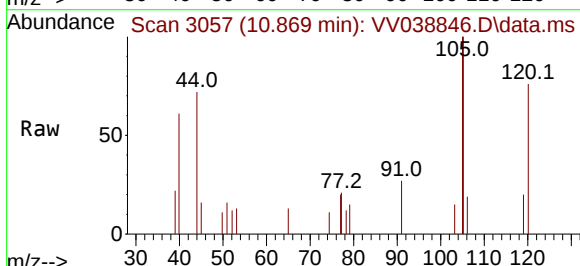
RT: 10.869 min Scan# 3057

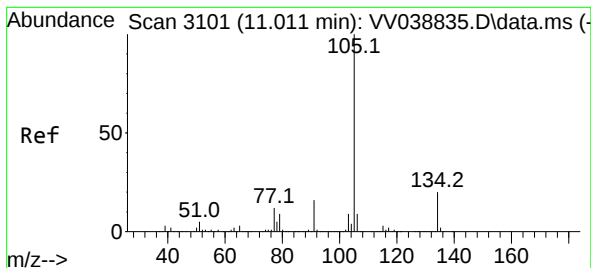
Delta R.T. 0.032 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Tgt Ion:105	Resp:	3522
Ion	Ratio	Lower Upper
105	100	
120	44.2	22.7 68.0





#85

sec-Butylbenzene

Concen: 0.285 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

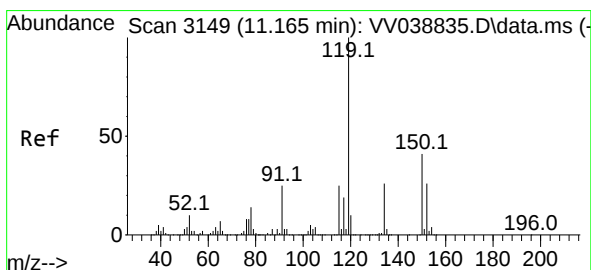
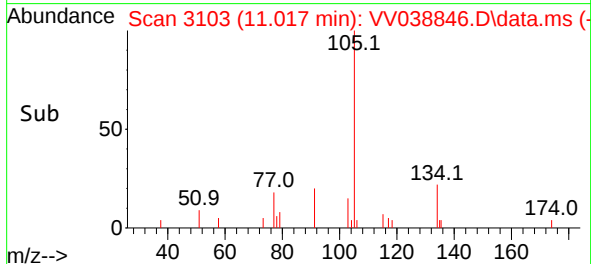
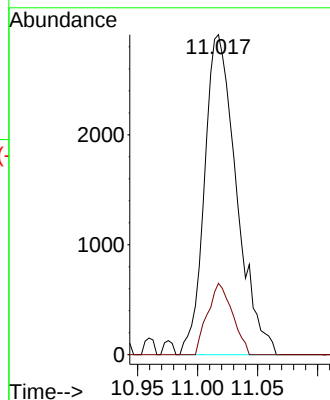
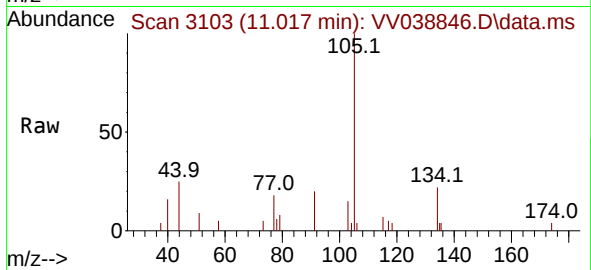
MDL02

Tgt Ion:105 Resp: 5402

Ion Ratio Lower Upper

105 100

134 17.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 0.320 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

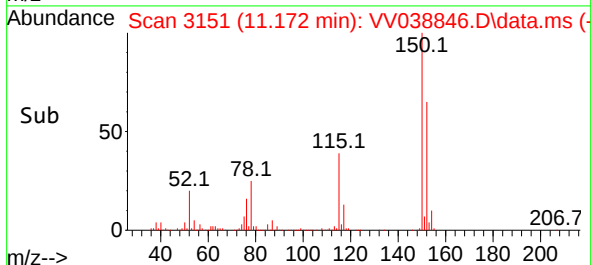
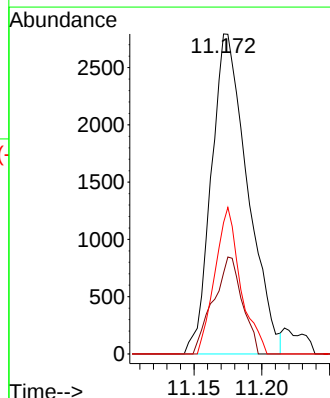
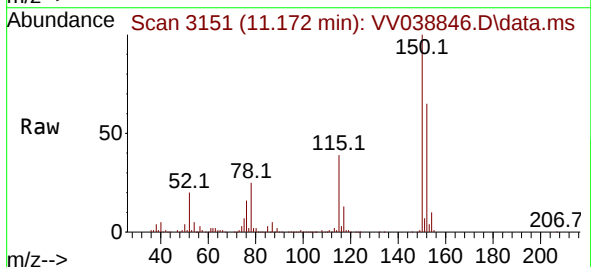
Tgt Ion:119 Resp: 5198

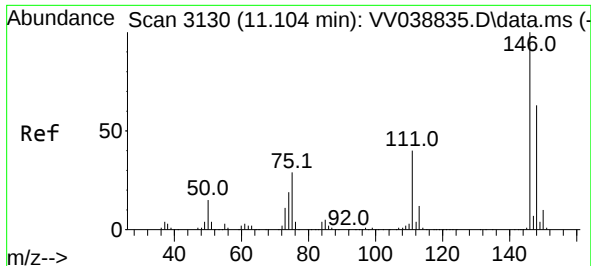
Ion Ratio Lower Upper

119 100

134 24.1 13.0 39.0

91 32.3 12.4 37.0

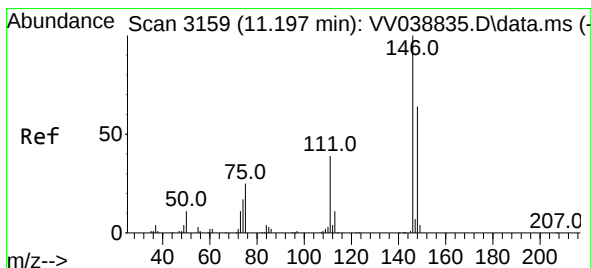
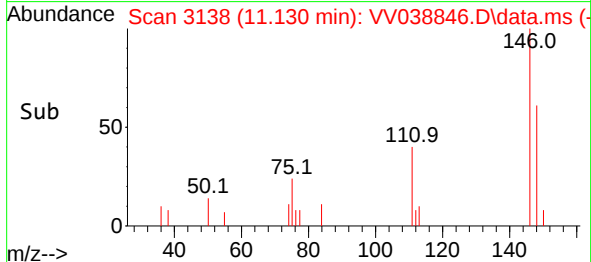
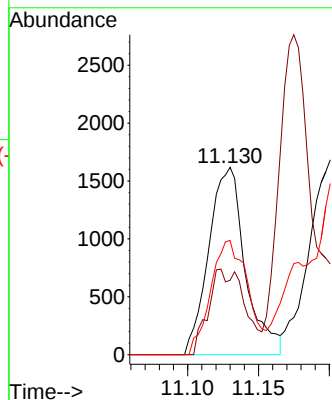
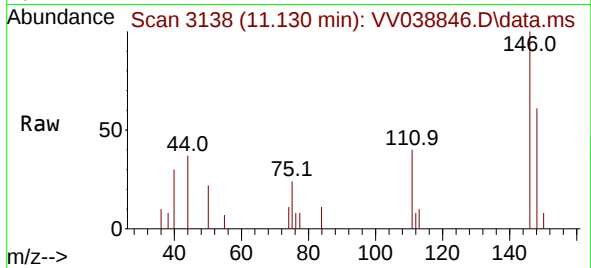




#87
1,3-Dichlorobenzene
Concen: 0.330 ug/l
RT: 11.130 min Scan# 3138
Delta R.T. 0.026 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

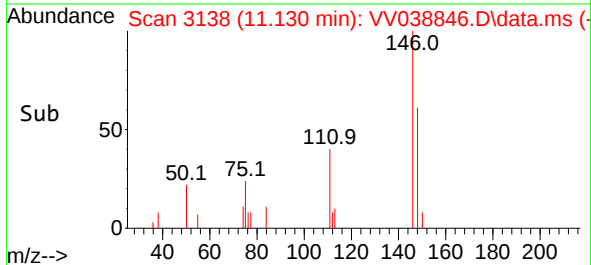
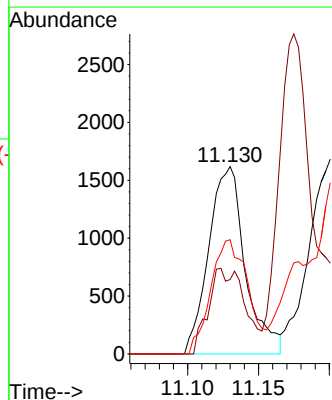
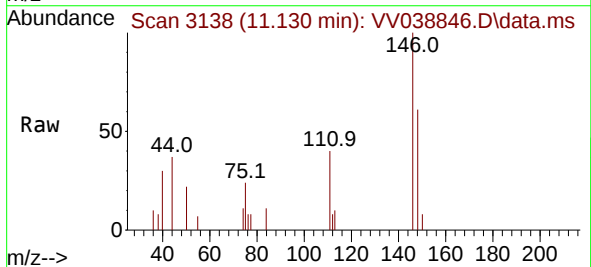
Instrument :
MSVOA_V
ClientSampleId :
MDL02

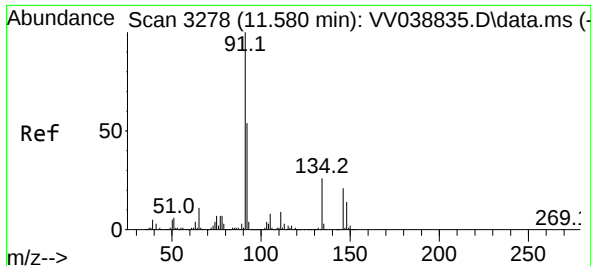
Tgt Ion:146 Resp: 2906
Ion Ratio Lower Upper
146 100
111 45.8 20.2 60.6
148 62.3 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 0.313 ug/l
RT: 11.130 min Scan# 3138
Delta R.T. -0.068 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:146 Resp: 2906
Ion Ratio Lower Upper
146 100
111 45.8 19.8 59.3
148 62.3 32.0 96.2





#89

n-Butylbenzene

Concen: 0.245 ug/l

RT: 11.599 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL02

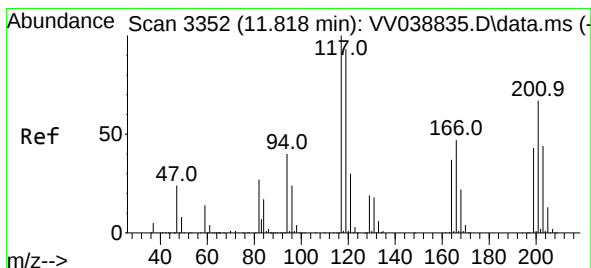
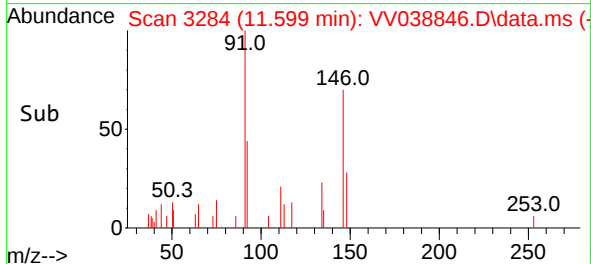
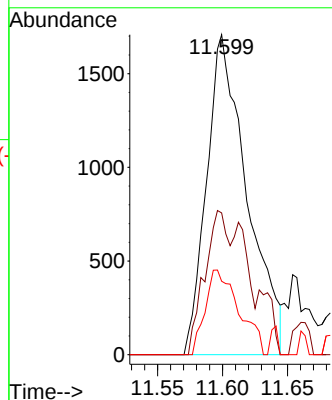
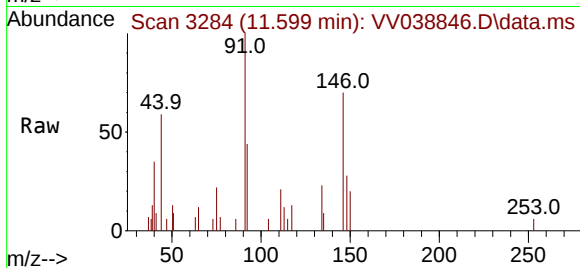
Tgt Ion: 91 Resp: 3692

Ion Ratio Lower Upper

91 100

92 26.9 26.7 80.0

134 22.1 12.9 38.7



#90

Hexachloroethane

Concen: 0.228 ug/l

RT: 11.831 min Scan# 3356

Delta R.T. 0.013 min

Lab File: VV038846.D

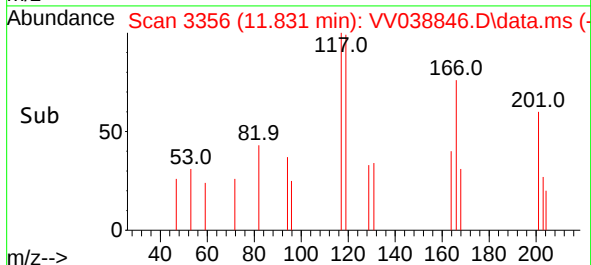
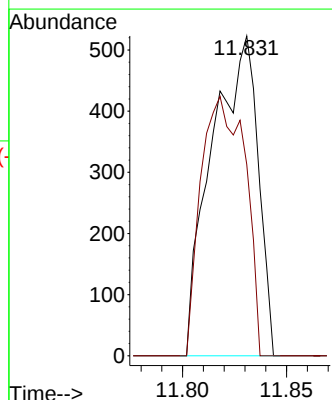
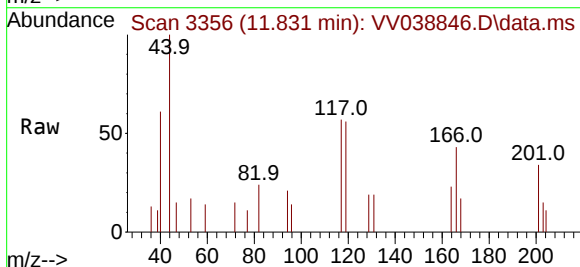
Acq: 02 Jul 2025 17:21

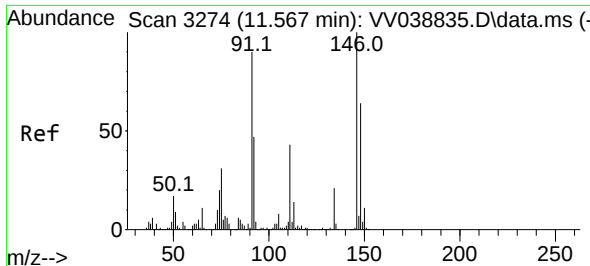
Tgt Ion: 117 Resp: 804

Ion Ratio Lower Upper

117 100

201 77.7 34.4 103.1

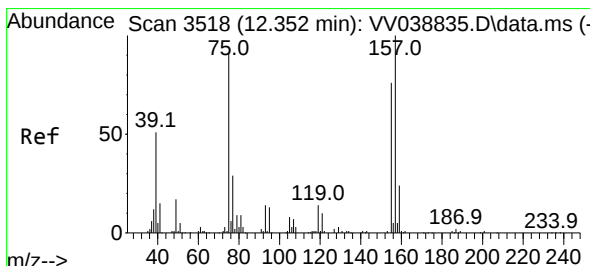
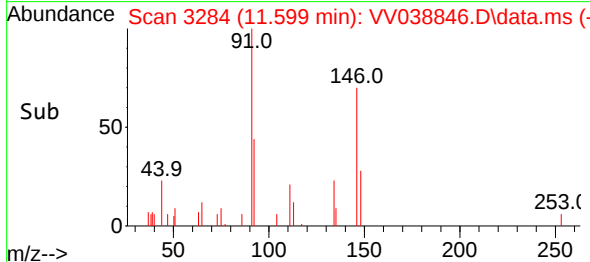
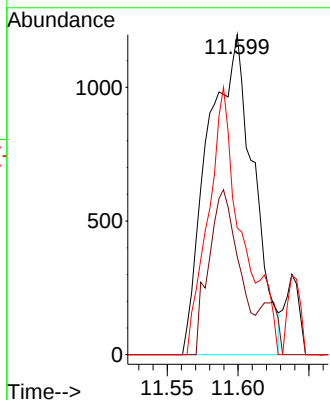
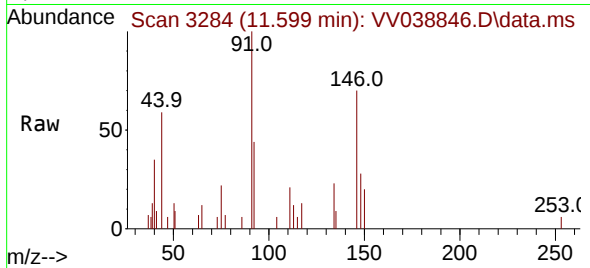




#91
1,2-Dichlorobenzene
Concen: 0.323 ug/l
RT: 11.599 min Scan# 31
Delta R.T. 0.032 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

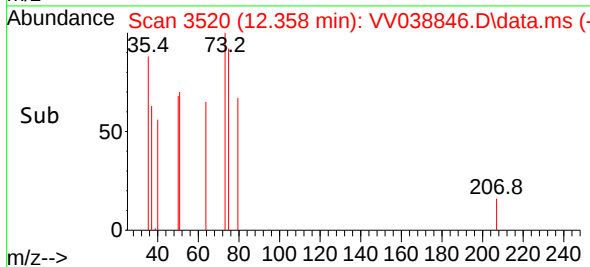
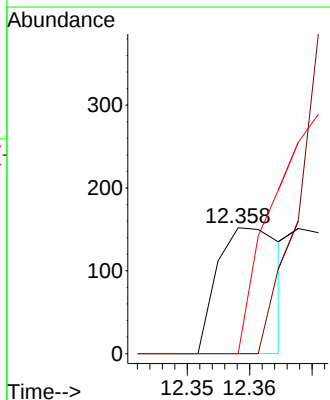
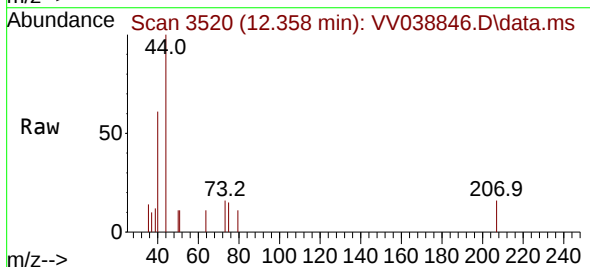
Instrument :
MSVOA_V
ClientSampleId :
MDL02

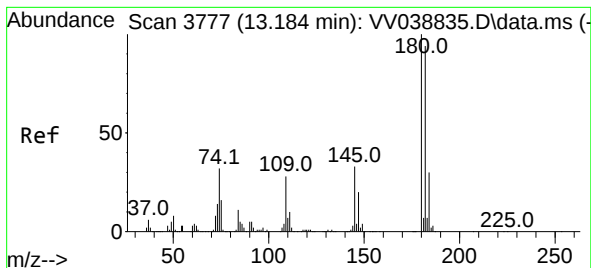
Tgt Ion:146 Resp: 2683
Ion Ratio Lower Upper
146 100
111 34.4 21.3 63.7
148 62.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.082 ug/l
RT: 12.358 min Scan# 3520
Delta R.T. 0.006 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
155 279.2 43.2 129.6#
157 264.2 54.9 164.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.328 ug/l

RT: 13.213 min Scan# 3786

Delta R.T. 0.029 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

Instrument :

MSVOA_V

ClientSampleId :

MDL02

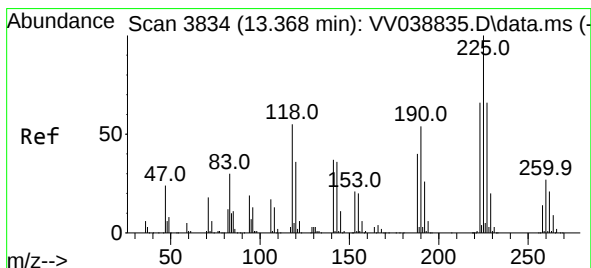
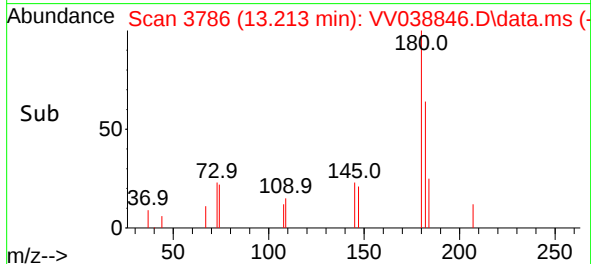
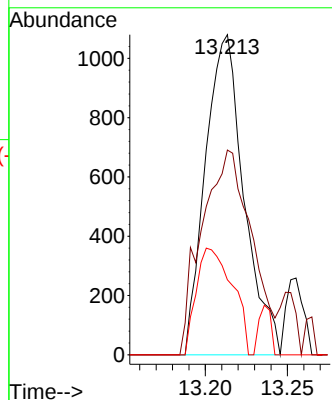
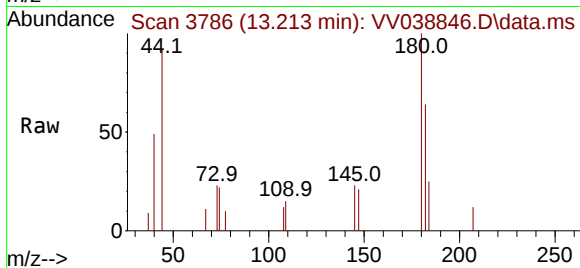
Tgt Ion:180 Resp: 1762

Ion Ratio Lower Upper

180 100

182 82.2 47.6 142.8

145 31.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 0.416 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038846.D

Acq: 02 Jul 2025 17:21

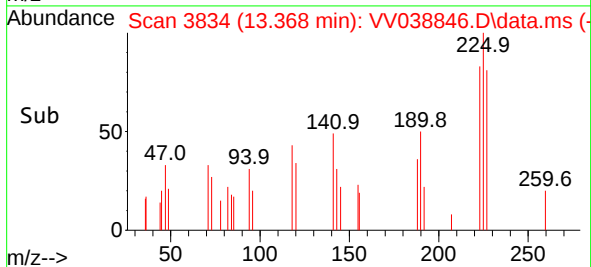
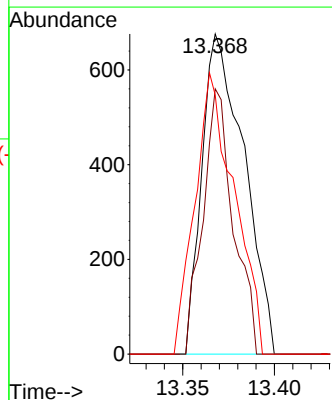
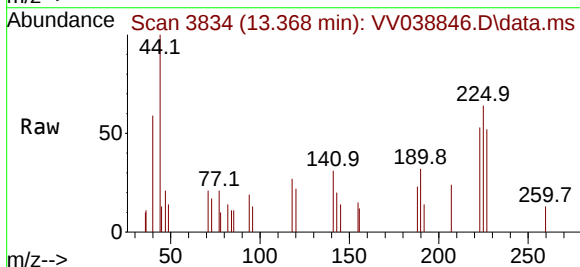
Tgt Ion:225 Resp: 1080

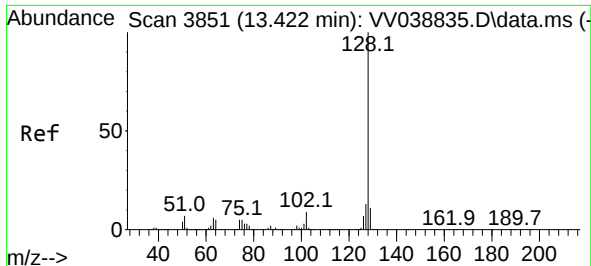
Ion Ratio Lower Upper

225 100

223 59.9 33.2 99.6

227 81.9 32.3 96.8

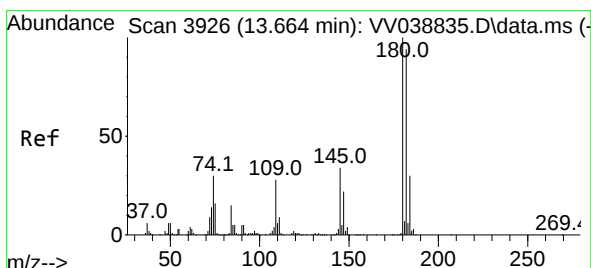
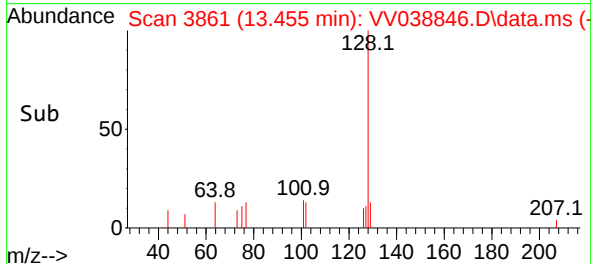
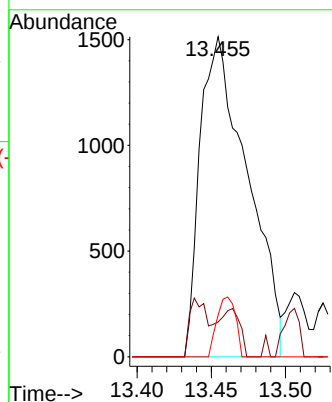
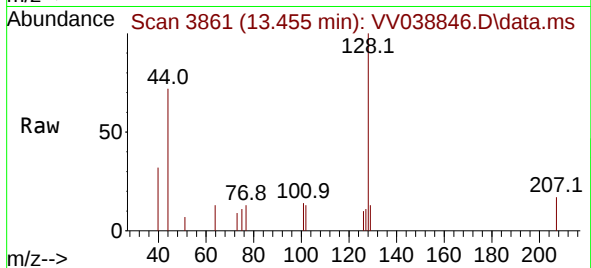




#95
Naphthalene
Concen: 0.196 ug/l
RT: 13.455 min Scan# 3932
Delta R.T. 0.032 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:128 Resp: 3356
Ion Ratio Lower Upper
128 100
127 6.4 10.2 15.4#
129 7.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.224 ug/l
RT: 13.683 min Scan# 3932
Delta R.T. 0.019 min
Lab File: VV038846.D
Acq: 02 Jul 2025 17:21

Tgt Ion:180 Resp: 1244
Ion Ratio Lower Upper
180 100
182 158.7 47.3 141.9#
145 33.9 17.1 51.2

