

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038886.D
 Acq On : 11 Jul 2025 13:23
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 06:10:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	420939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	726163	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	662887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	301407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.963	65	1900	0.369	ug/l	0.02
Spiked Amount	50.000	Range	81 - 118	Recovery	=	0.740%#
35) Dibromofluoromethane	4.507	113	2073	0.419	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.840%#
50) Toluene-d8	7.256	98	7877	0.526	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	1.060%#
62) 4-Bromofluorobenzene	10.021	95	4684	0.777	ug/l	0.02
Spiked Amount	50.000	Range	85 - 114	Recovery	=	1.560%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	4150	1.122	ug/l	98
3) Chloromethane	1.230	50	5050	1.264	ug/l	97
4) Vinyl Chloride	1.294	62	5173	1.132	ug/l	92
5) Bromomethane	1.500	94	5433	Below Cal		90
6) Chloroethane	1.565	64	3254	1.065	ug/l #	73
7) Trichlorofluoromethane	1.725	101	7788	0.963	ug/l	99
8) Diethyl Ether	1.918	74	2803	0.964	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	4579	0.947	ug/l #	93
10) Methyl Iodide	2.201	142	4036	0.727	ug/l	96
11) Tert butyl alcohol	2.571	59	5969	5.041	ug/l	96
12) 1,1-Dichloroethene	2.082	96	5117	1.161	ug/l	92
13) Acrolein	2.005	56	896	5.233	ug/l #	58
14) Allyl chloride	2.356	41	7258	1.034	ug/l #	93
15) Acrylonitrile	2.680	53	15014	4.955	ug/l #	95
16) Acetone	2.124	43	10059	4.520	ug/l #	84
17) Carbon Disulfide	2.253	76	13010	Below Cal		97
18) Methyl Acetate	2.384	43	6420	0.853	ug/l	97
19) Methyl tert-butyl Ether	2.719	73	16058	0.972	ug/l #	90
20) Methylene Chloride	2.455	84	7013	1.242	ug/l #	96
21) trans-1,2-Dichloroethene	2.706	96	5847	1.247	ug/l	95
22) Diisopropyl ether	3.224	45	11234	0.801	ug/l #	79
23) Vinyl Acetate	3.204	43	46292	4.209	ug/l	94
24) 1,1-Dichloroethane	3.114	63	8692	0.946	ug/l #	86
25) 2-Butanone	3.825	43	279	0.088	ug/l #	70
26) 2,2-Dichloropropane	3.809	77	8068	1.003	ug/l #	70
27) cis-1,2-Dichloroethene	3.828	96	3295	0.612	ug/l	55
28) Bromochloromethane	4.166	49	2326	0.654	ug/l #	49
29) Tetrahydrofuran	4.262	42	8891	4.229	ug/l #	73
30) Chloroform	4.282	83	4591	0.453	ug/l	94
31) Cyclohexane	4.590	56	13827	2.293	ug/l #	44
32) 1,1,1-Trichloroethane	4.513	97	8152	0.922	ug/l #	47
36) 1,1-Dichloropropene	4.757	75	5287	0.929	ug/l	95
37) Ethyl Acetate	4.015	43	209	0.031	ug/l #	68
38) Carbon Tetrachloride	4.735	117	6294	0.833	ug/l #	94
39) Methylcyclohexane	6.047	83	6990	1.041	ug/l	97
40) Benzene	5.018	78	16701	0.866	ug/l #	89

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Instrument :
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 ClientSampleId :

Quant Time: Jul 14 06:10:58 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.175	41	211	0.070	ug/l #	26
42) 1,2-Dichloroethane	5.060	62	6994	0.951	ug/l	82
43) Isopropyl Acetate	5.227	43	7474	0.705	ug/l #	60
44) Trichloroethene	5.847	130	5112	1.014	ug/l	91
45) 1,2-Dichloropropane	6.105	63	4929	0.967	ug/l	98
46) Dibromomethane	6.243	93	3664	0.929	ug/l	93
47) Bromodichloromethane	6.439	83	6859	0.820	ug/l	100
48) Methyl methacrylate	6.314	41	122	0.026	ug/l #	21
49) 1,4-Dioxane	6.262	88	45	0.452	ug/l #	31
51) 4-Methyl-2-Pentanone	7.166	43	22813	3.162	ug/l	98
52) Toluene	7.326	92	7825	0.644	ug/l	92
53) t-1,3-Dichloropropene	7.606	75	4580	0.605	ug/l	94
54) cis-1,3-Dichloropropene	6.969	75	6352	0.776	ug/l #	84
55) 1,1,2-Trichloroethane	7.777	97	4691	0.808	ug/l	87
56) Ethyl methacrylate	7.748	69	1377	0.200	ug/l #	78
57) 1,3-Dichloropropane	8.027	76	225	0.026	ug/l	95
58) 2-Chloroethyl Vinyl ether	6.841	63	12590	10.815	ug/l	99
59) 2-Hexanone	8.095	43	13072	2.434	ug/l	81
60) Dibromochloromethane	8.175	129	5635	0.824	ug/l	91
61) 1,2-Dibromoethane	8.285	107	4761	0.814	ug/l	91
64) Tetrachloroethene	7.902	164	4371	1.005	ug/l	94
65) Chlorobenzene	8.805	112	14221	0.982	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	5752	0.996	ug/l #	56
67) Ethyl Benzene	8.947	91	16995	0.790	ug/l	97
68) m/p-Xylenes	9.069	106	12518	1.495	ug/l	99
69) o-Xylene	9.474	106	6309	0.798	ug/l	90
70) Styrene	9.474	104	268	0.019	ug/l #	1
71) Bromoform	9.667	173	3465	0.738	ug/l #	84
73) Isopropylbenzene	9.863	105	15020	0.834	ug/l	97
74) N-amyl acetate	9.754	43	2497	0.378	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	10.172	83	7204	0.955	ug/l	92
76) 1,2,3-Trichloropropane	10.211	75	4587	0.819	ug/l	80
77) Bromobenzene	10.153	156	1842	0.390	ug/l #	1
78) n-propylbenzene	10.284	91	17775	0.844	ug/l	97
79) 2-Chlorotoluene	10.358	91	12499	0.934	ug/l	100
80) 1,3,5-Trimethylbenzene	10.474	105	11958	0.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.953	75	1666	0.725	ug/l #	79
82) 4-Chlorotoluene	10.477	91	11865	0.793	ug/l	100
83) tert-Butylbenzene	10.792	119	13485	0.847	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	11839	0.792	ug/l	99
85) sec-Butylbenzene	11.018	105	16445	0.809	ug/l	95
86) p-Isopropyltoluene	11.172	119	14892	0.863	ug/l	98
87) 1,3-Dichlorobenzene	11.120	146	9206	0.955	ug/l	95
88) 1,4-Dichlorobenzene	11.120	146	9206	0.878	ug/l	95
89) n-Butylbenzene	11.590	91	13239	0.840	ug/l	94
90) Hexachloroethane	11.818	117	4490	1.094	ug/l	86
91) 1,2-Dichlorobenzene	11.583	146	8689	0.928	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	917	0.538	ug/l #	28
93) 1,2,4-Trichlorobenzene	13.204	180	4912	0.889	ug/l	89
94) Hexachlorobutadiene	13.371	225	2893	1.017	ug/l	99
95) Naphthalene	13.442	128	13347	0.730	ug/l	95
96) 1,2,3-Trichlorobenzene	13.673	180	4817	0.841	ug/l	87

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ALS Vial : 9 Sample Multiplier: 1

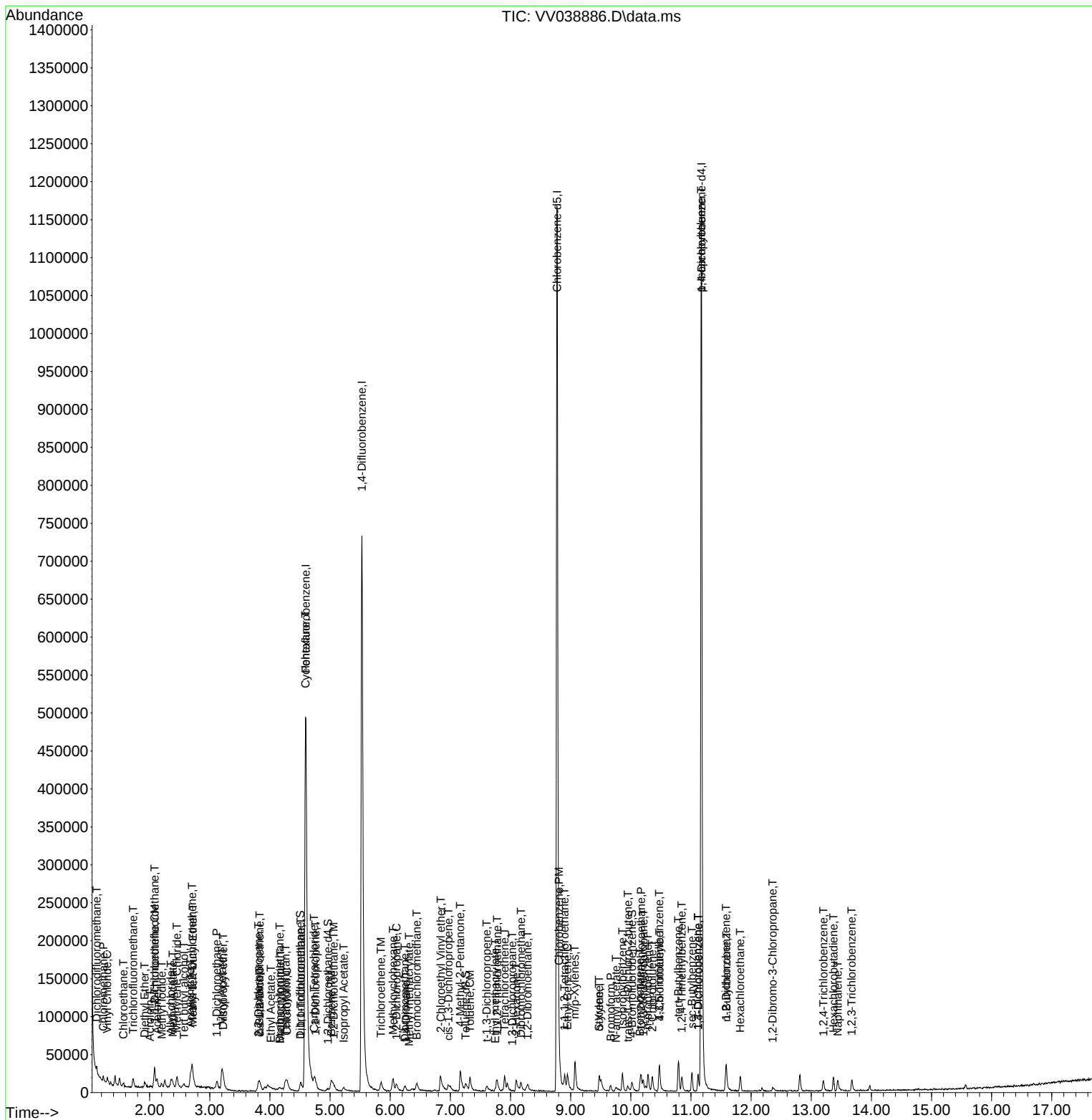
Instrument :
MSVOA_V
ClientSampleId :

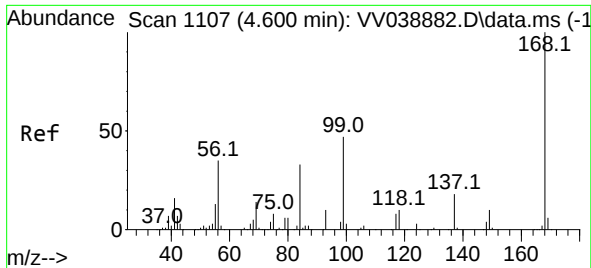
Quant Time: Jul 14 06:10:58 2025
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 06:07:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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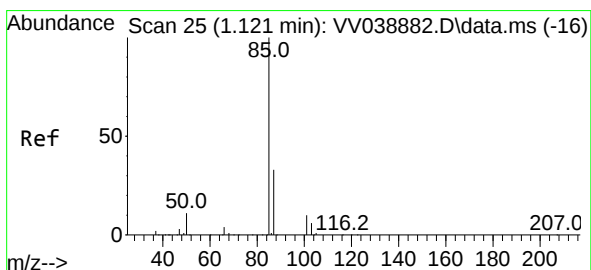
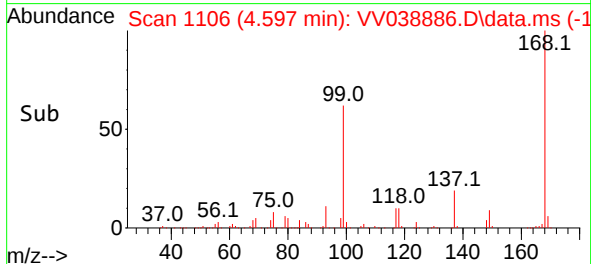
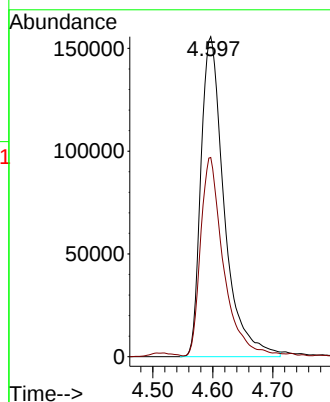
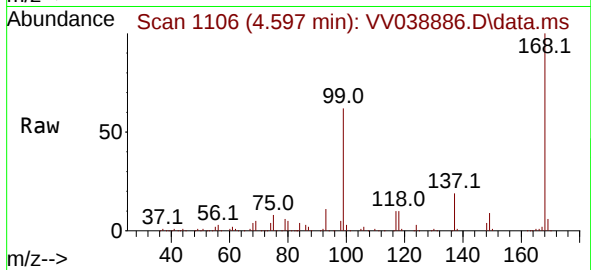




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

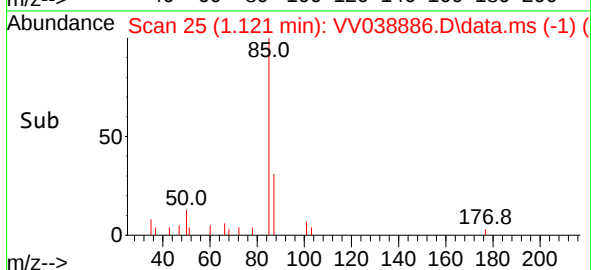
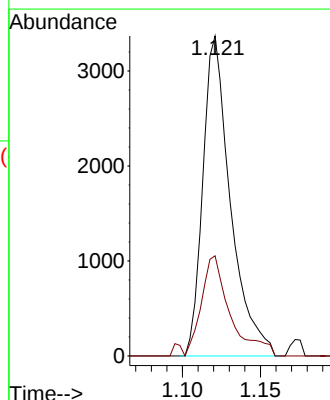
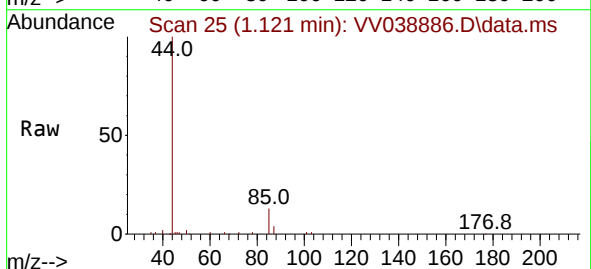
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MSVOA_V
ClientSampleId :

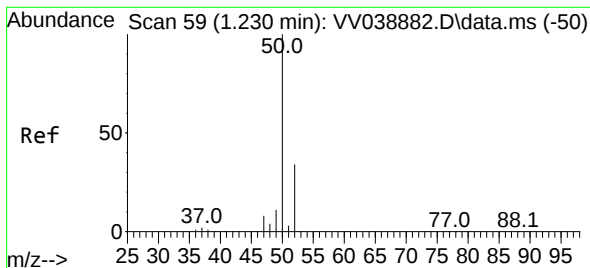
Tgt Ion:168 Resp: 420939
Ion Ratio Lower Upper
168 100
99 61.8 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 1.122 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 85 Resp: 4150
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.8





#3

Chloromethane

Concen: 1.264 ug/l

RT: 1.230 min Scan# 59

Delta R.T. 0.000 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

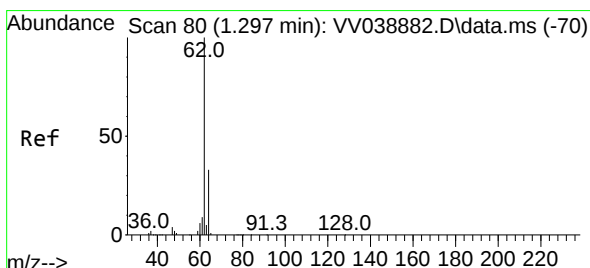
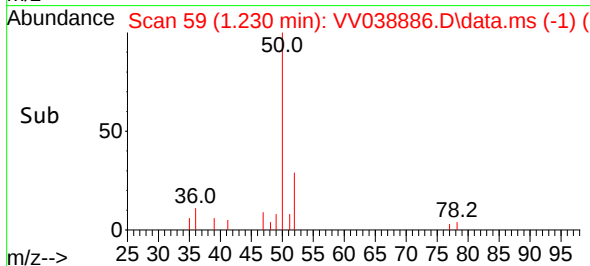
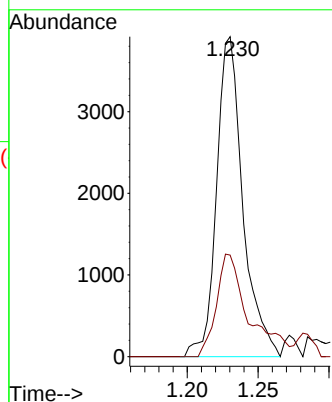
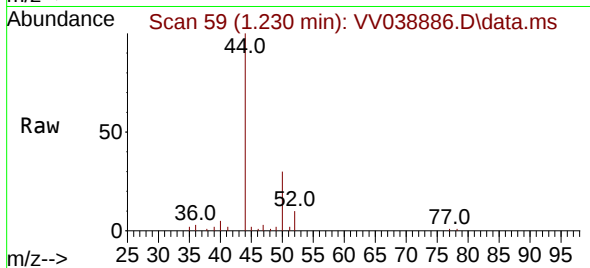
ClientSampleId :

Tgt Ion: 50 Resp: 5050

Ion Ratio Lower Upper

50 100

52 31.7 26.9 40.3



#4

Vinyl Chloride

Concen: 1.132 ug/l

RT: 1.294 min Scan# 79

Delta R.T. -0.003 min

Lab File: VV038886.D

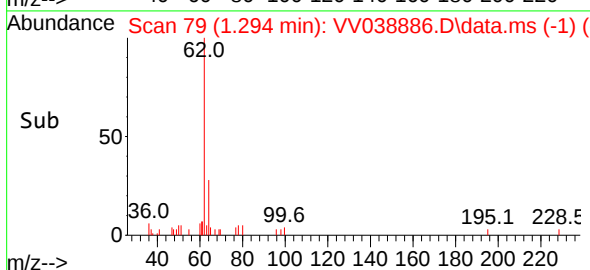
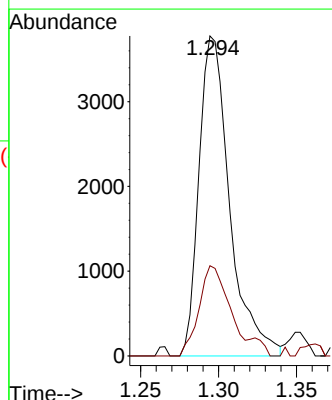
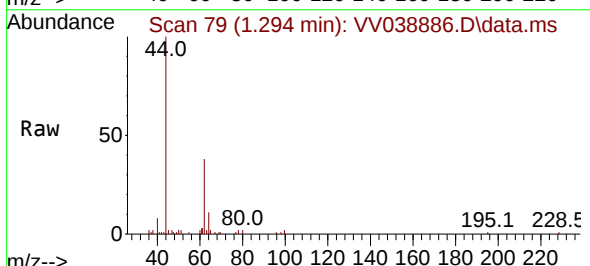
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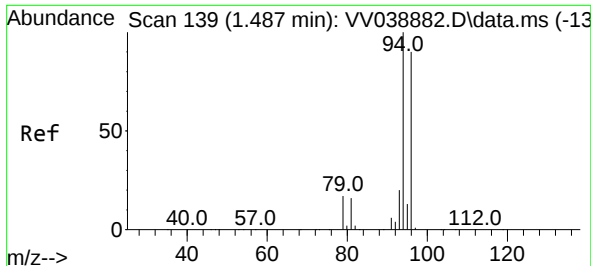
Tgt Ion: 62 Resp: 5173

Ion Ratio Lower Upper

62 100

64 28.2 26.2 39.2

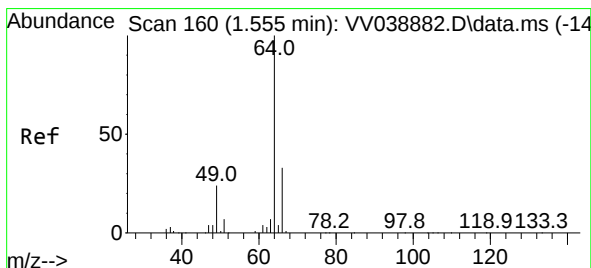
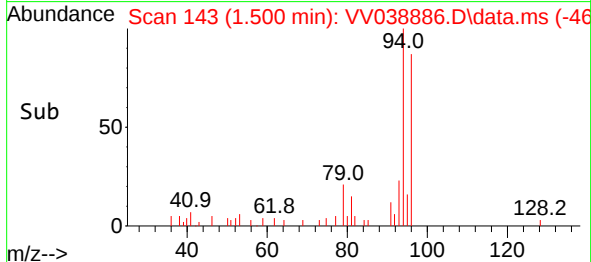
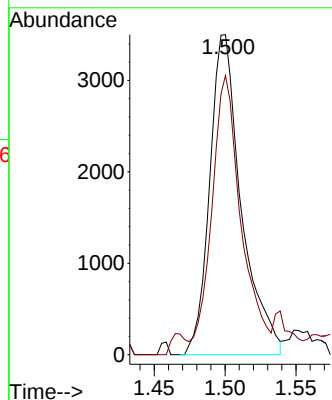
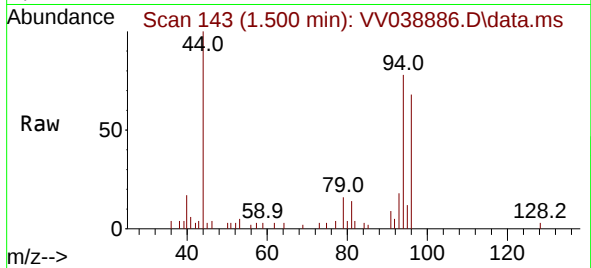




#5
Bromomethane
Concen: Below Cal
RT: 1.500 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

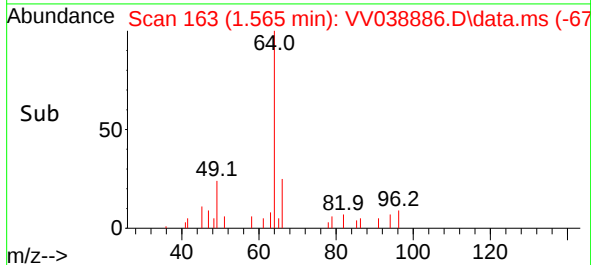
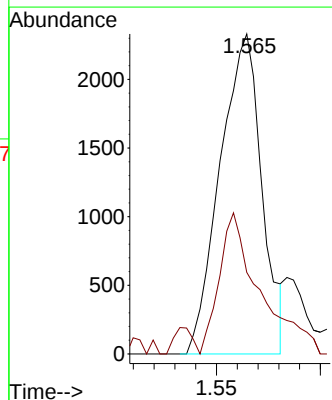
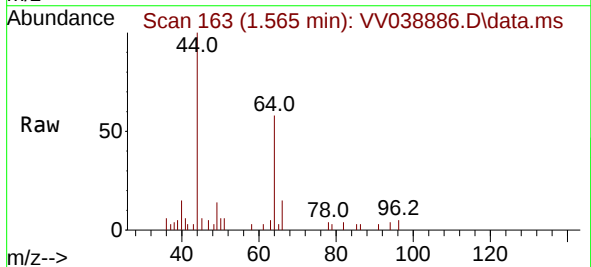
Instrument :
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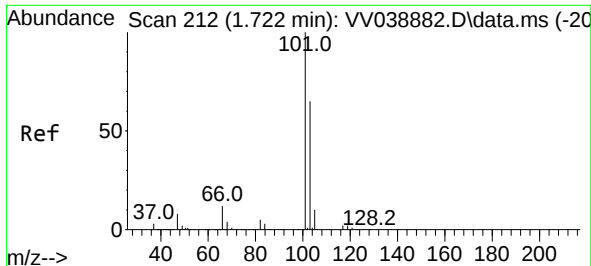
Tgt Ion: 94 Resp: 5433
Ion Ratio Lower Upper
94 100
96 80.8 71.9 107.9



#6
Chloroethane
Concen: 1.065 ug/l
RT: 1.565 min Scan# 163
Delta R.T. 0.010 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

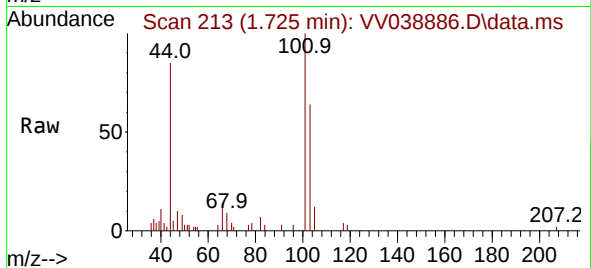
Tgt Ion: 64 Resp: 3254
Ion Ratio Lower Upper
64 100
66 17.2 26.2 39.2#



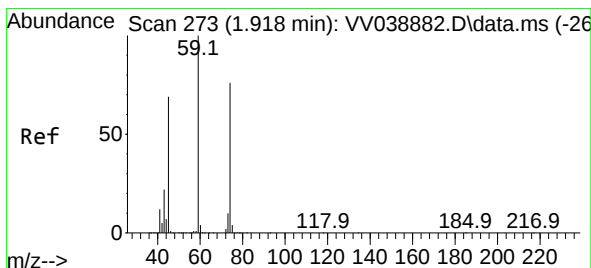
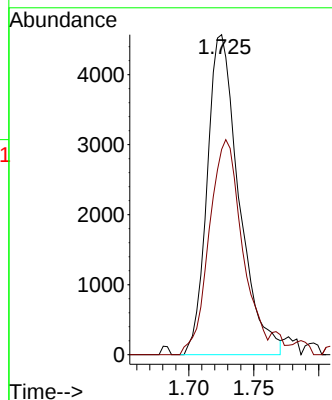
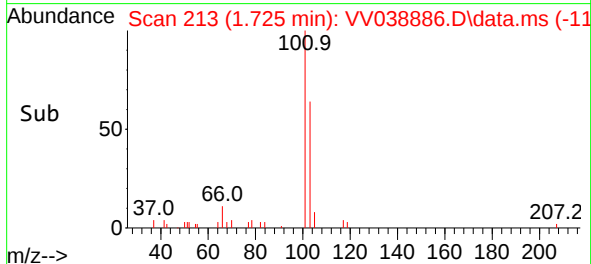


#7
 Trichlorofluoromethane
 Concen: 0.963 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Instrument :
 MSVOA_V
 ClientSampleId :

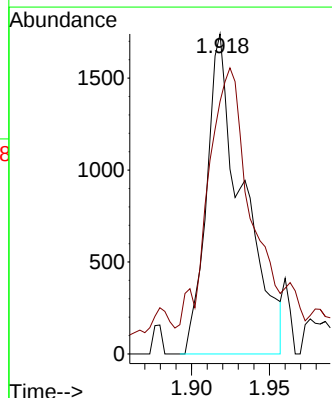
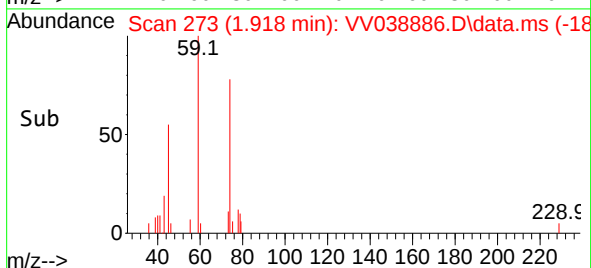
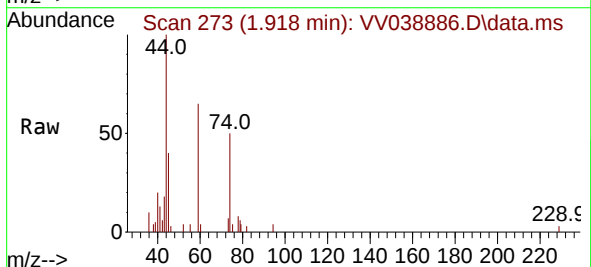


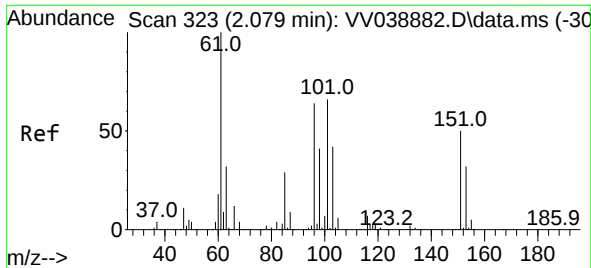
Tgt Ion:101 Resp: 7788
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6



#8
 Diethyl Ether
 Concen: 0.964 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Tgt Ion: 74 Resp: 2803
 Ion Ratio Lower Upper
 74 100
 45 92.7 45.5 136.5

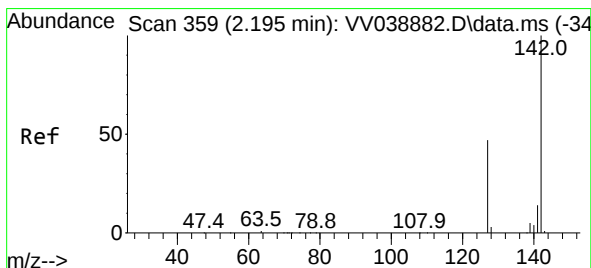
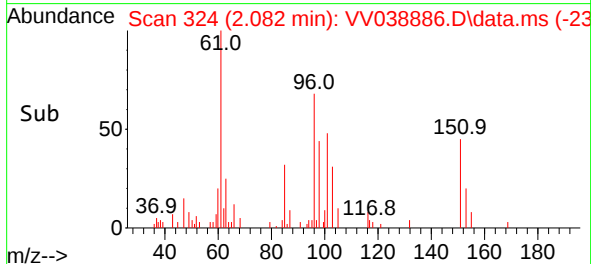
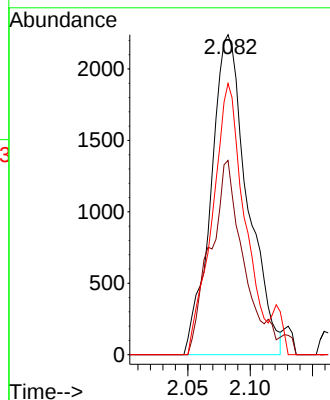
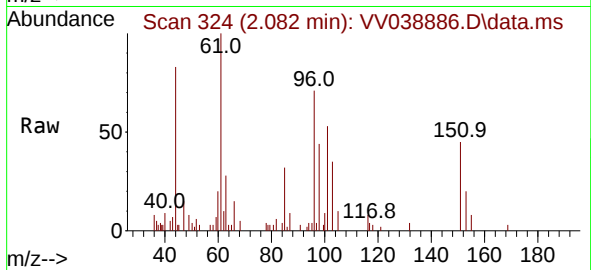




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.947 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038886.D
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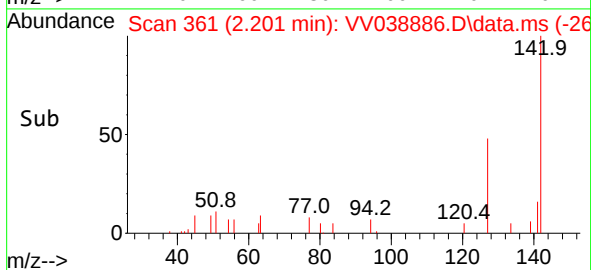
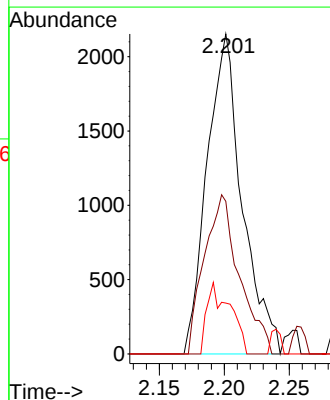
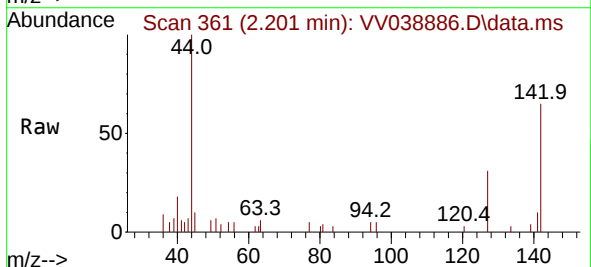
Instrument :
MSVOA_V
ClientSampleId :

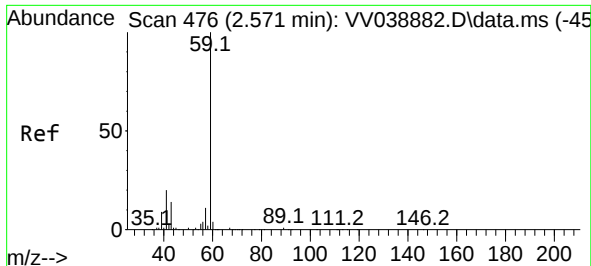
Tgt Ion:101 Resp: 4579
Ion Ratio Lower Upper
101 100
85 56.1 35.0 52.6#
151 75.1 60.1 90.1



#10
Methyl Iodide
Concen: 0.727 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion:142 Resp: 4036
Ion Ratio Lower Upper
142 100
127 49.9 37.3 55.9
141 14.8 11.2 16.8

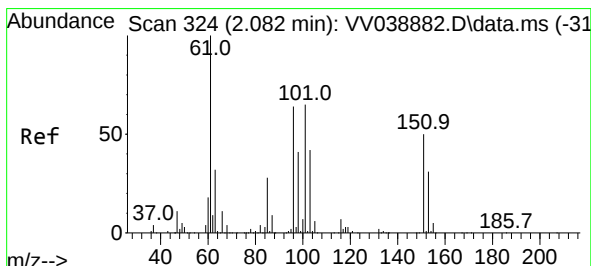
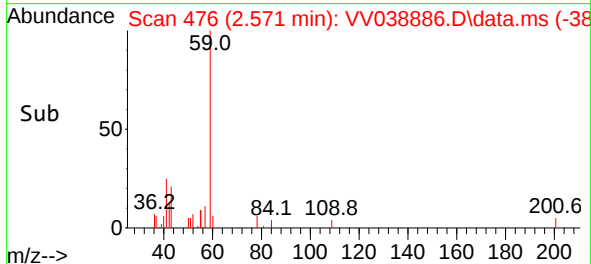
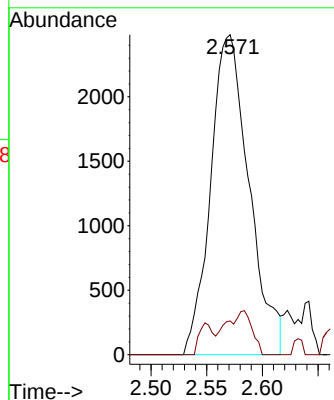
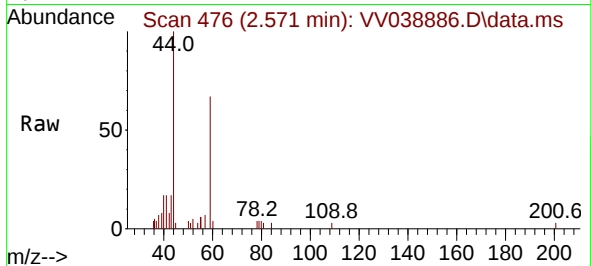




#11
Tert butyl alcohol
Concen: 5.041 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

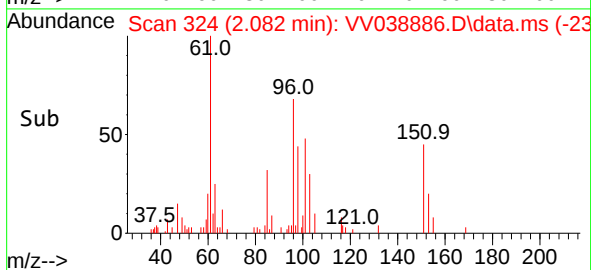
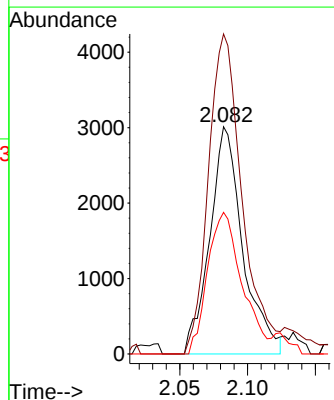
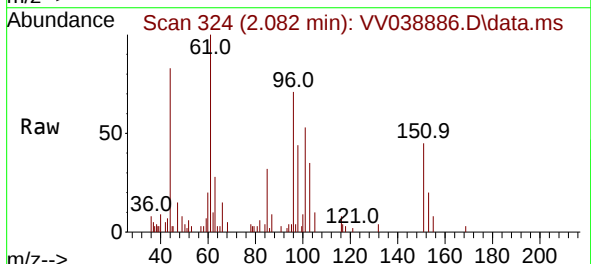
Instrument :
MSVOA_V
ClientSampleId :

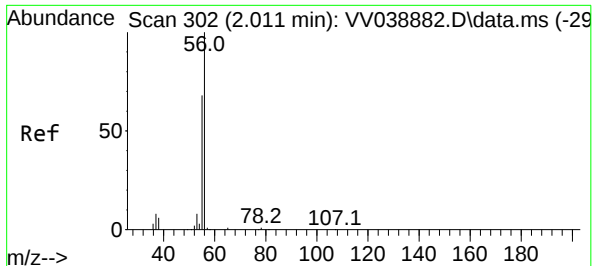
Tgt Ion: 59 Resp: 5969
Ion Ratio Lower Upper
59 100
57 9.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 1.161 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 96 Resp: 5117
Ion Ratio Lower Upper
96 100
61 140.8 124.1 186.1
98 62.4 50.6 75.8

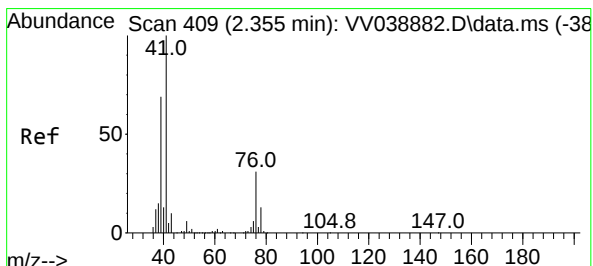
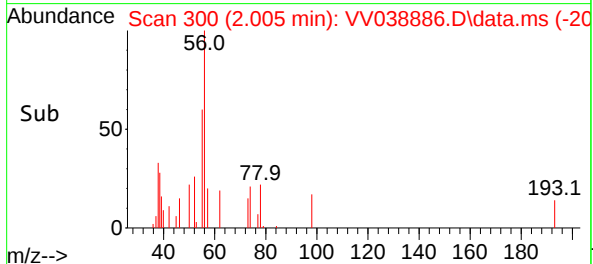
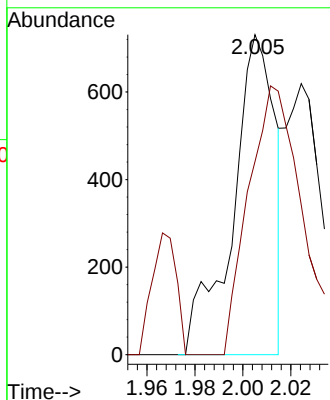
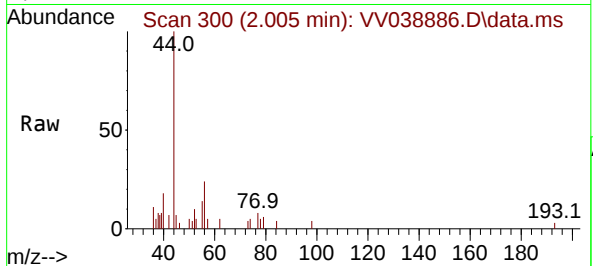




#13
Acrolein
Concen: 5.233 ug/l
RT: 2.005 min Scan# 302
Delta R.T. -0.006 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

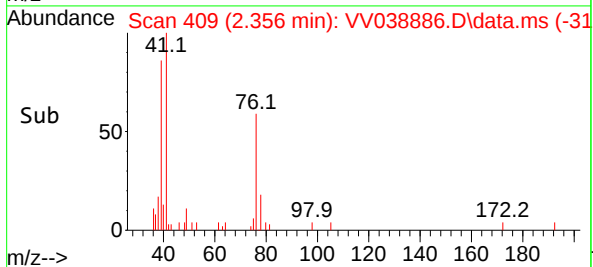
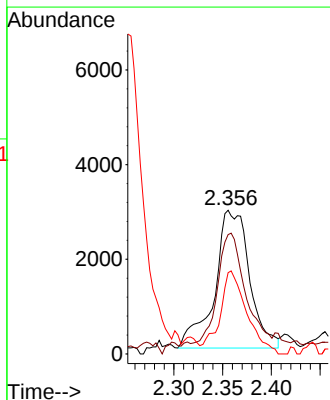
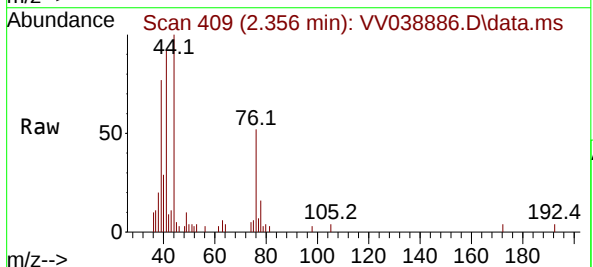
Instrument :
MSVOA_V
ClientSampleId :

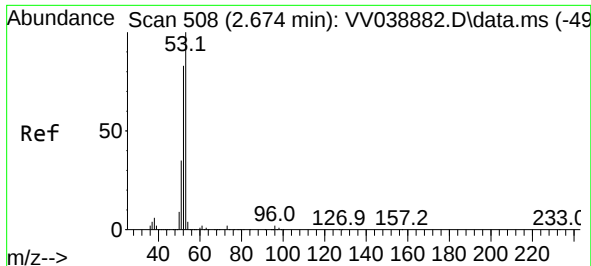
Tgt Ion: 56 Resp: 896
Ion Ratio Lower Upper
56 100
55 105.6 56.7 85.1#



#14
Allyl chloride
Concen: 1.034 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 41 Resp: 7258
Ion Ratio Lower Upper
41 100
39 60.9 50.6 76.0
76 46.7 30.4 45.6#

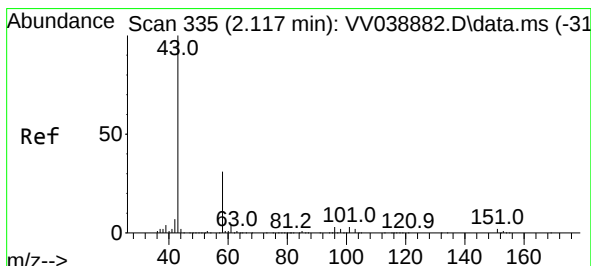
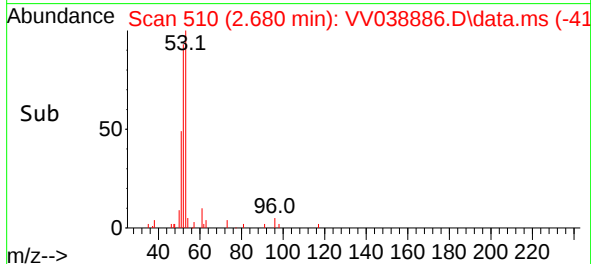
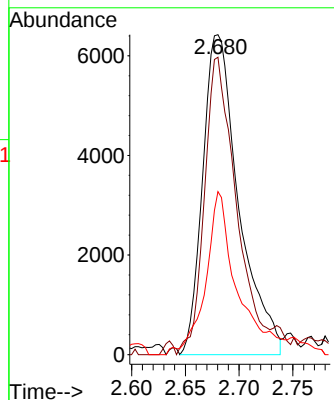
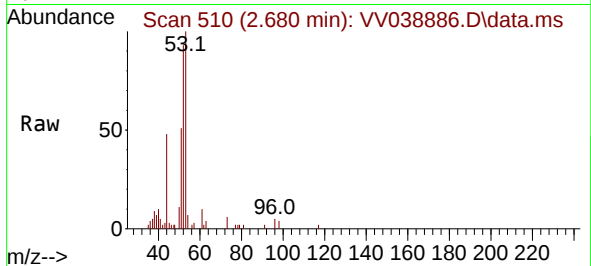




#15
Acrylonitrile
Concen: 4.955 ug/l
RT: 2.680 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

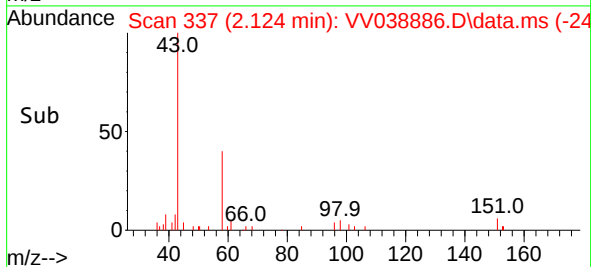
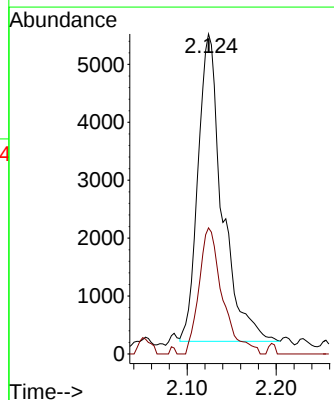
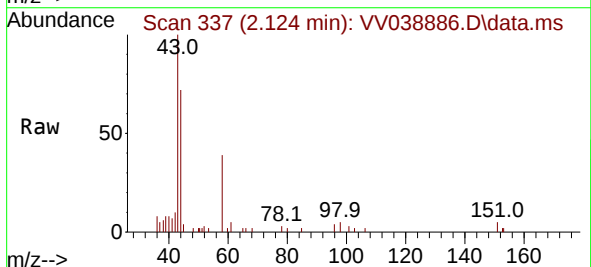
Instrument :
MSVOA_V
ClientSampleId :

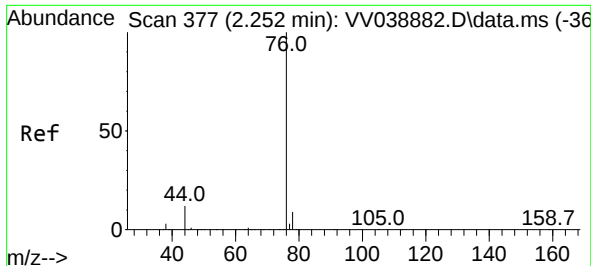
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.6	99.8
51	44.7	28.7	43.1#



#16
Acetone
Concen: 4.520 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.0	25.8	38.6#

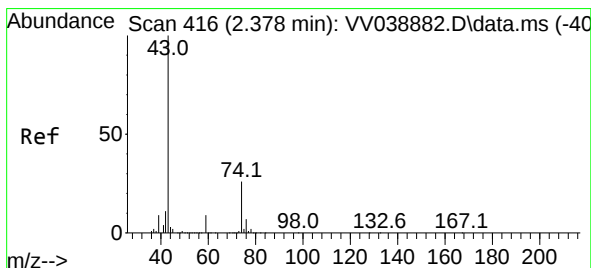
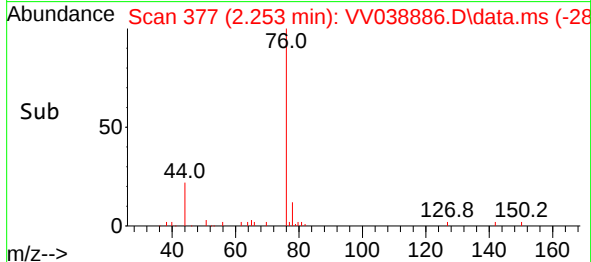
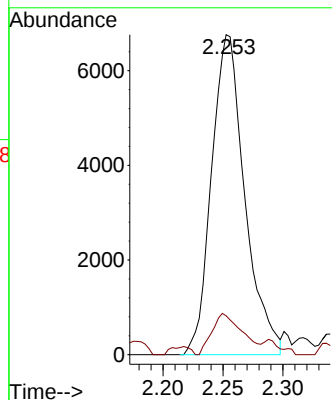
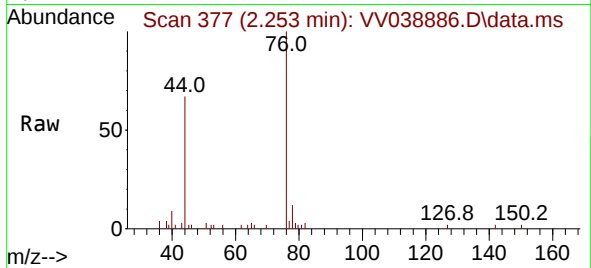




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

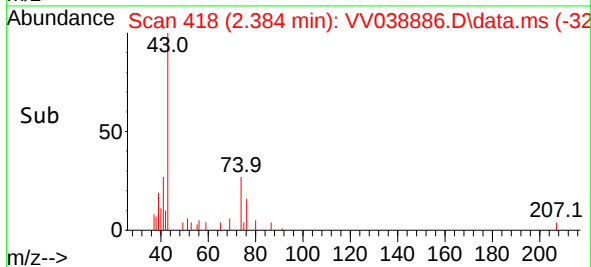
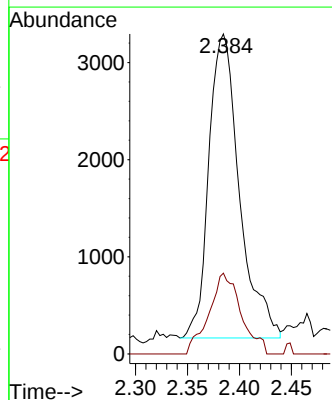
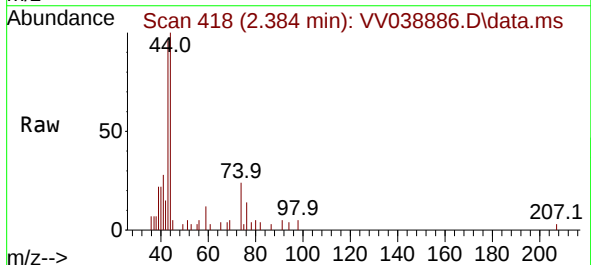
Instrument :
MSVOA_V
ClientSampleId :

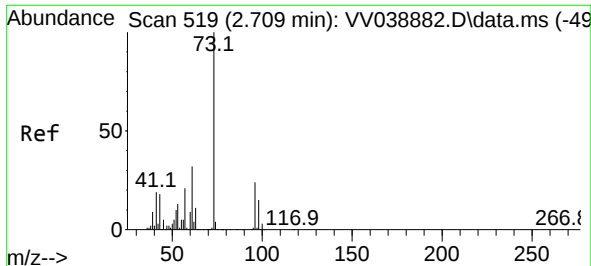
Tgt Ion: 76 Resp: 13010
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#18
Methyl Acetate
Concen: 0.853 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 43 Resp: 6420
Ion Ratio Lower Upper
43 100
74 27.8 21.1 31.7

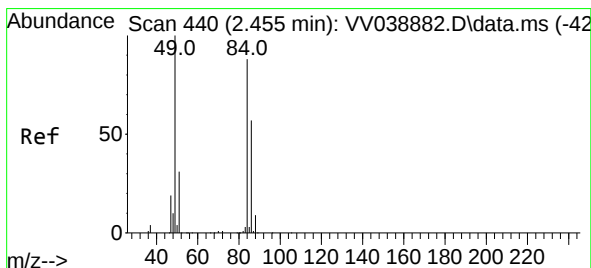
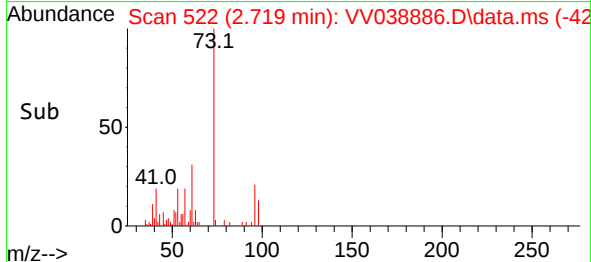
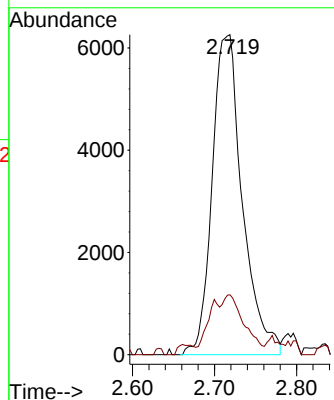
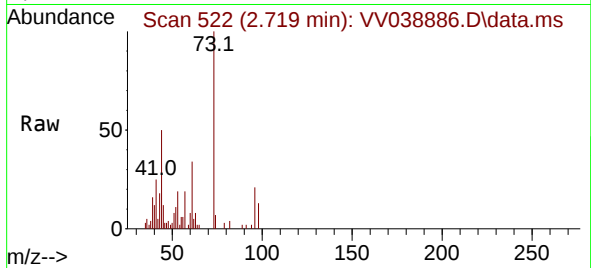




#19
Methyl tert-butyl Ether
Concen: 0.972 ug/l
RT: 2.719 min Scan# 519
Delta R.T. 0.010 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

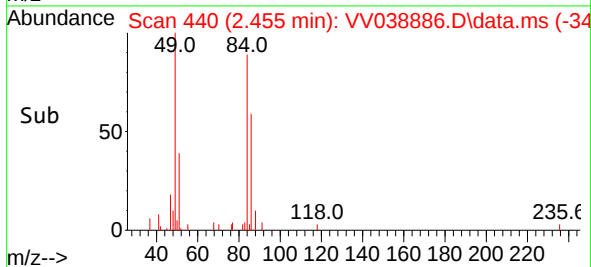
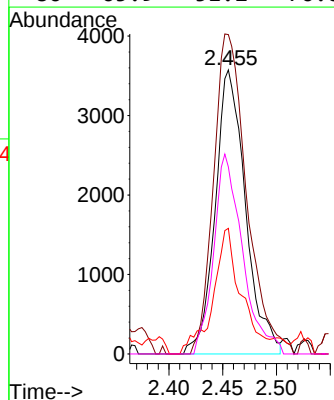
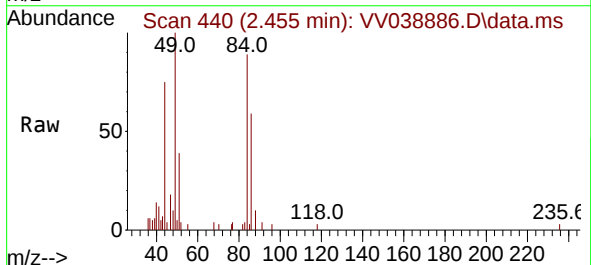
Instrument :
MSVOA_V
ClientSampleId :

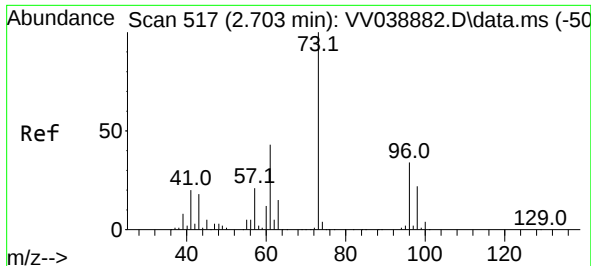
Tgt Ion: 73 Resp: 16058
Ion Ratio Lower Upper
73 100
57 15.9 16.5 24.7#



#20
Methylene Chloride
Concen: 1.242 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 84 Resp: 7013
Ion Ratio Lower Upper
84 100
49 112.5 90.5 135.7
51 44.2 27.8 41.6#
86 65.9 51.2 76.8

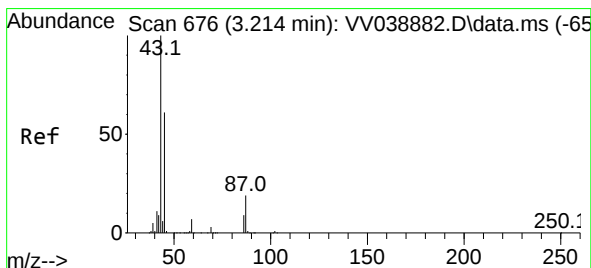
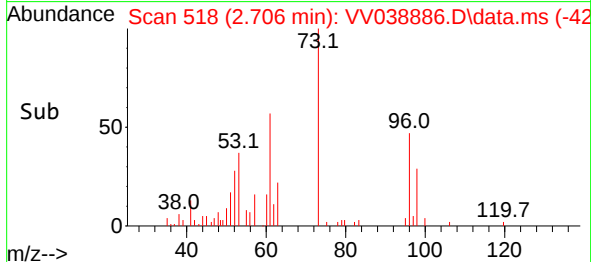
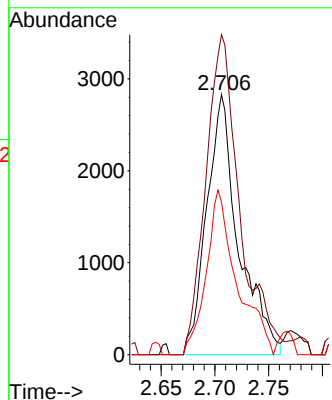
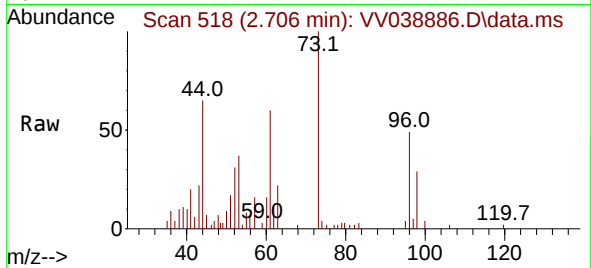




#21
trans-1,2-Dichloroethene
Concen: 1.247 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

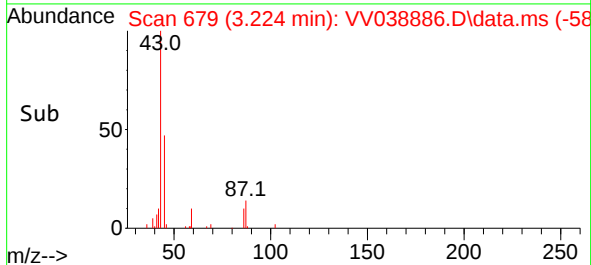
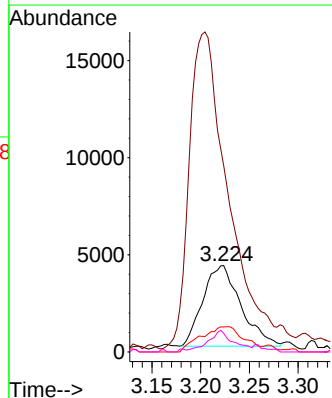
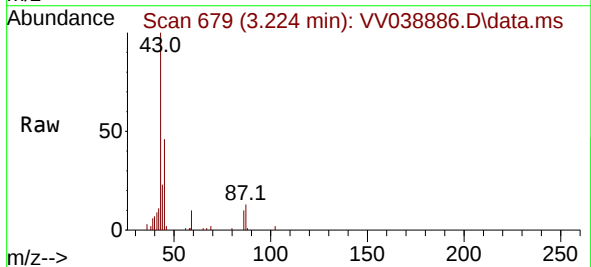
Instrument :
MSVOA_V
ClientSampleId :

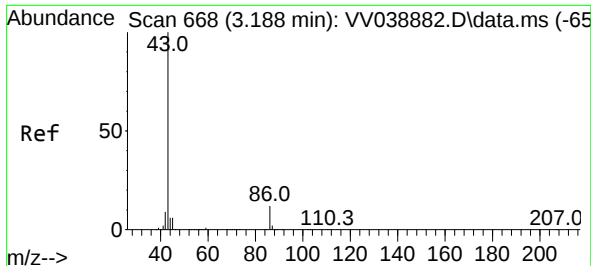
Tgt Ion: 96 Resp: 5847
Ion Ratio Lower Upper
96 100
61 123.0 102.0 153.0
98 58.7 51.0 76.6



#22
Diisopropyl ether
Concen: 0.801 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 45 Resp: 11234
Ion Ratio Lower Upper
45 100
43 197.5 132.1 198.1
87 31.1 25.0 37.4
59 23.0 9.8 14.8#

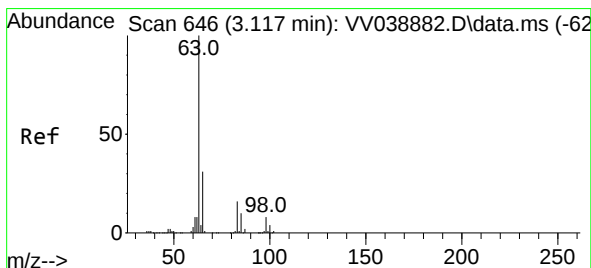
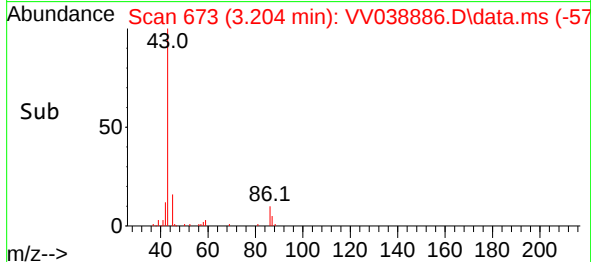
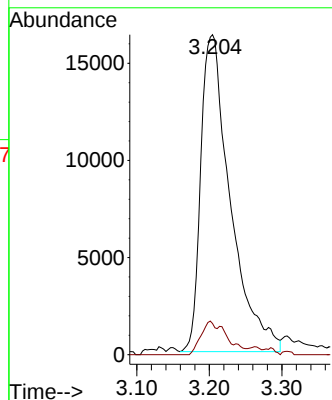
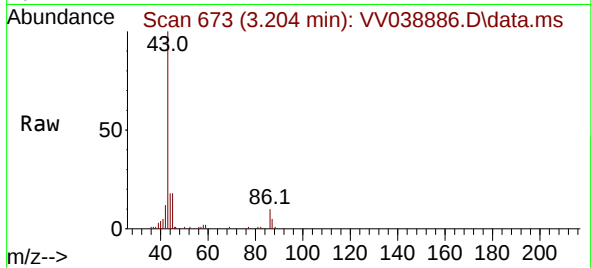




#23
 Vinyl Acetate
 Concen: 4.209 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

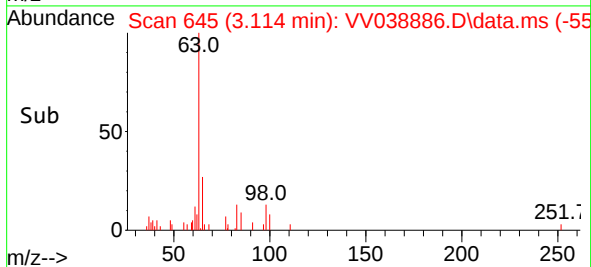
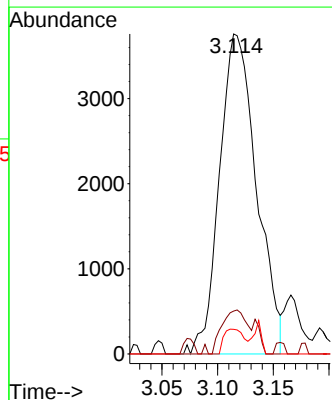
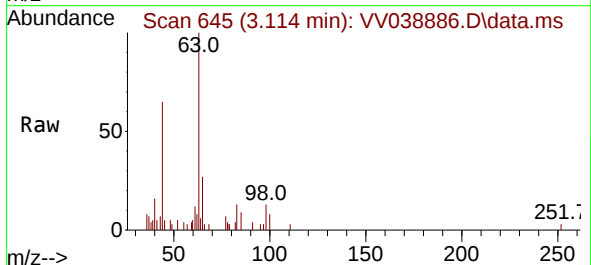
Instrument :
 MSVOA_V
 ClientSampleId :

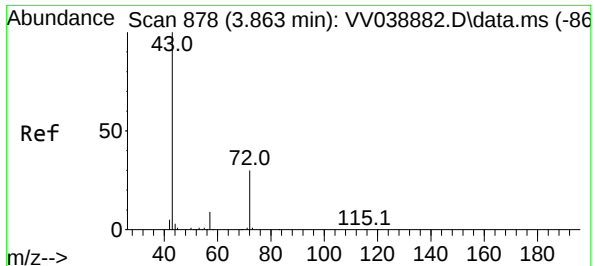
Tgt Ion: 43 Resp: 46292
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 0.946 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Tgt Ion: 63 Resp: 8692
 Ion Ratio Lower Upper
 63 100
 98 13.4 3.9 11.7#
 100 7.7 2.2 6.6#





#25

2-Butanone

Concen: 0.088 ug/l

RT: 3.825 min Scan# 8

Delta R.T. -0.038 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

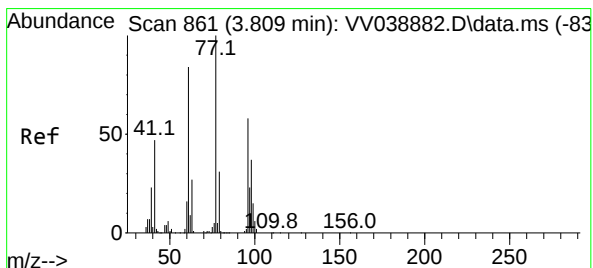
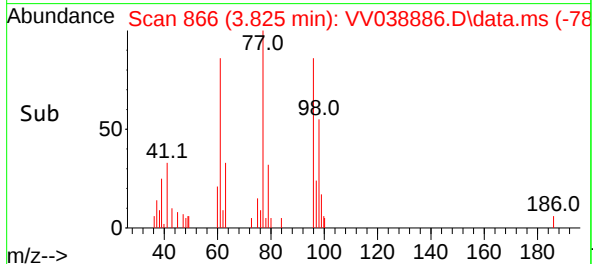
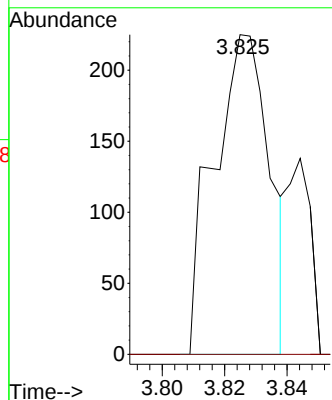
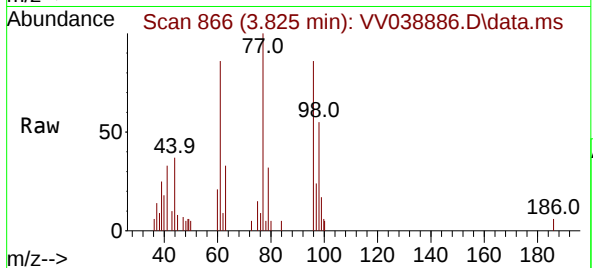
ClientSampleId :

Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

72 46.2 23.9 35.9#



#26

2,2-Dichloropropane

Concen: 1.003 ug/l

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV038886.D

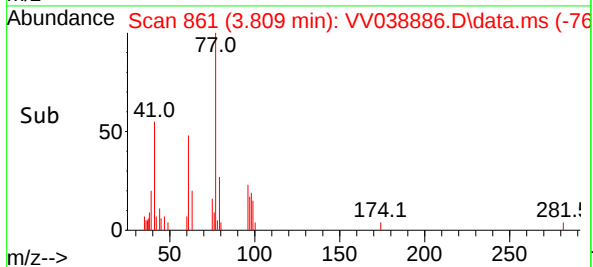
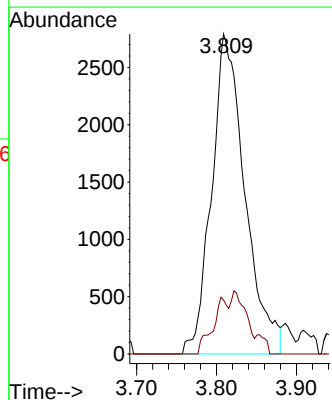
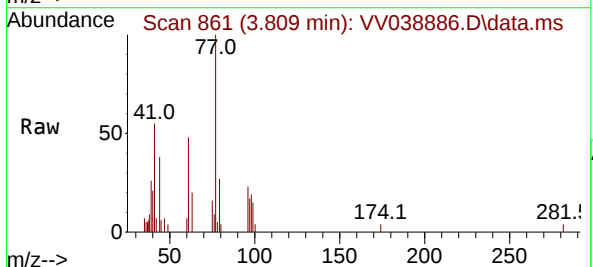
Acq: 11 Jul 2025 13:23

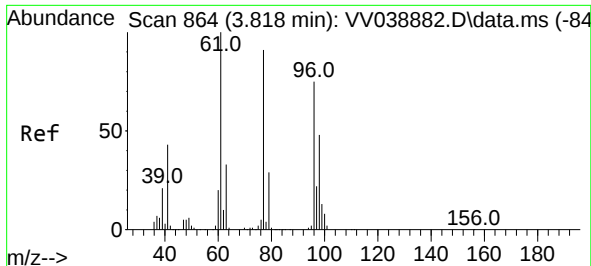
Tgt Ion: 77 Resp: 8068

Ion Ratio Lower Upper

77 100

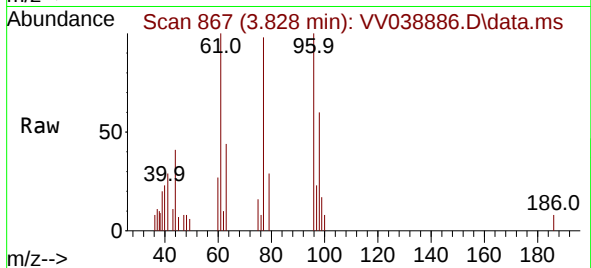
97 8.3 11.4 34.2#





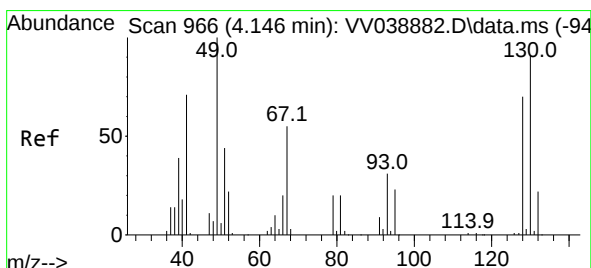
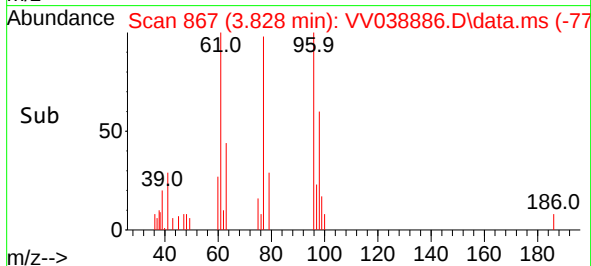
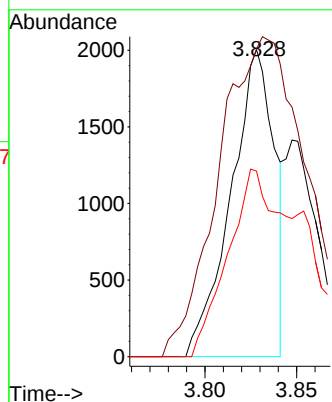
#27
 cis-1,2-Dichloroethene
 Concen: 0.612 ug/l
 RT: 3.828 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 3295

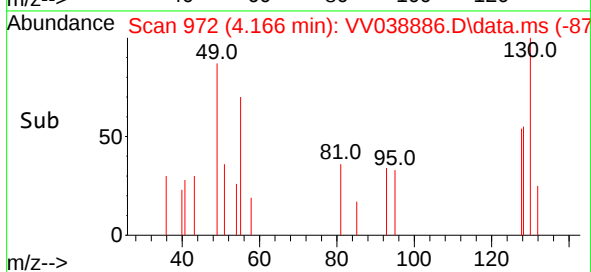
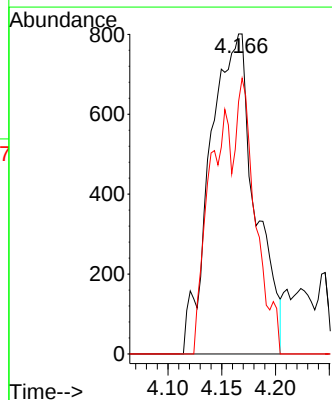
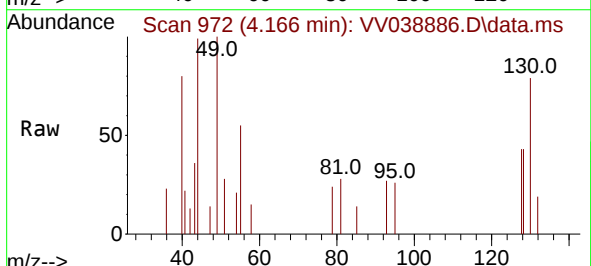
Ion	Ratio	Lower	Upper
96	100		
61	209.1	0.0	275.0
98	76.4	0.0	130.0

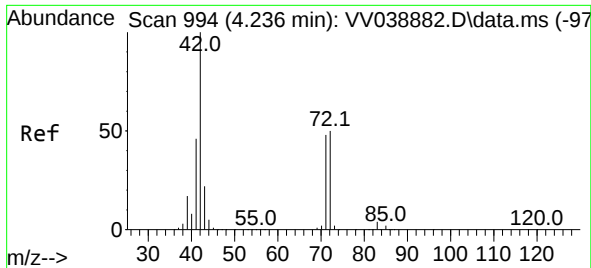


#28
 Bromochloromethane
 Concen: 0.654 ug/l
 RT: 4.166 min Scan# 972
 Delta R.T. 0.020 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Tgt Ion: 49 Resp: 2326

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	38.9	70.1	105.1





#29

Tetrahydrofuran

Concen: 4.229 ug/l

RT: 4.262 min Scan# 1002

Delta R.T. 0.026 min

Lab File: VV038886.D

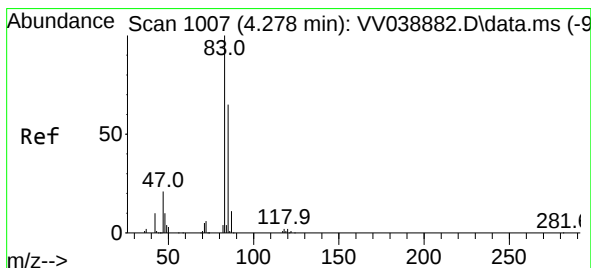
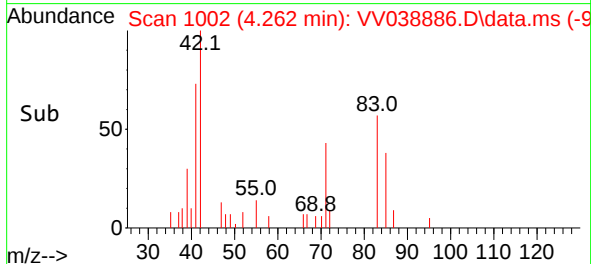
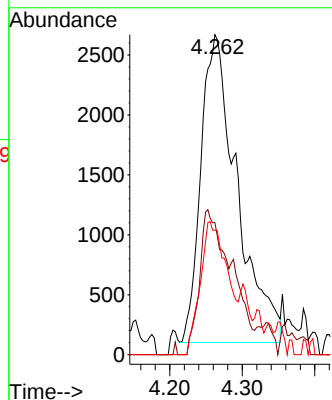
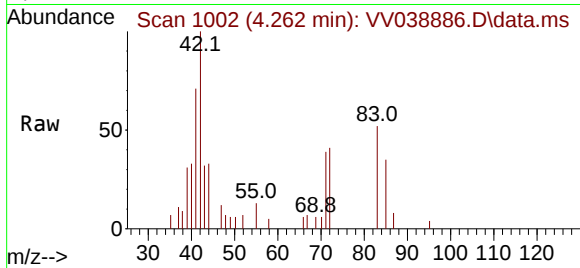
Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	42	Resp:	8891
Ion	Ratio	Lower	Upper
42	100		
72	30.6	41.6	62.4#
71	32.9	38.4	57.6#



#30

Chloroform

Concen: 0.453 ug/l

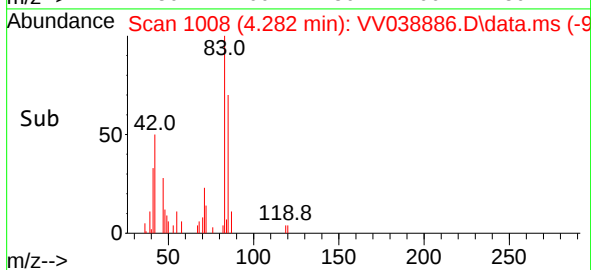
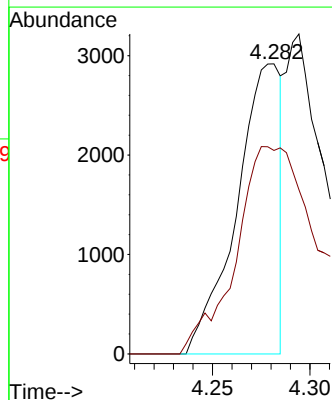
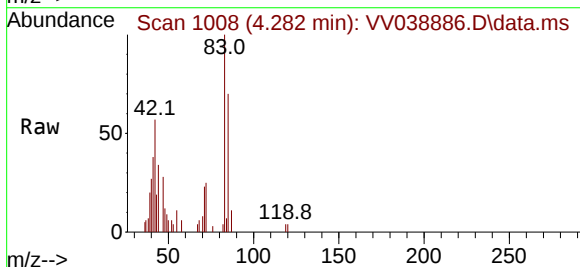
RT: 4.282 min Scan# 1008

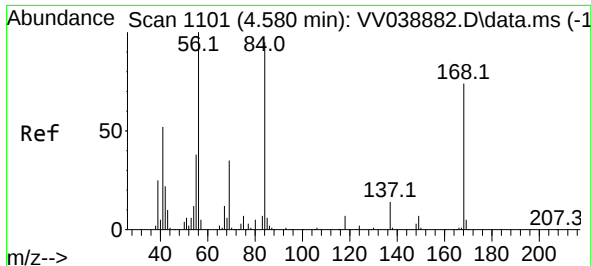
Delta R.T. 0.003 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

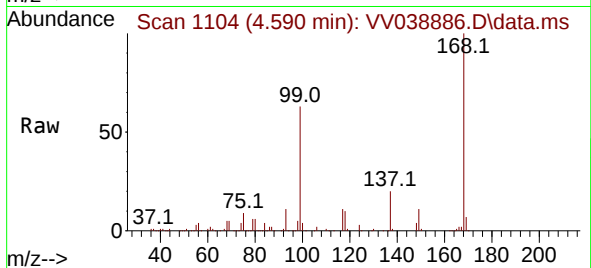
Tgt Ion:	83	Resp:	4591
Ion	Ratio	Lower	Upper
83	100		
85	70.1	52.2	78.4



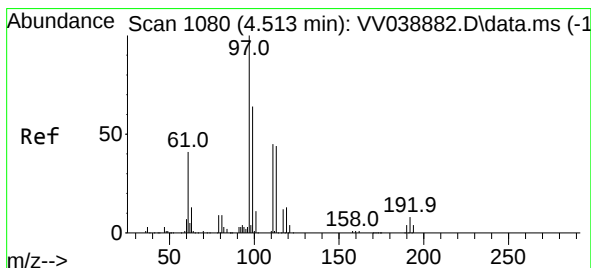
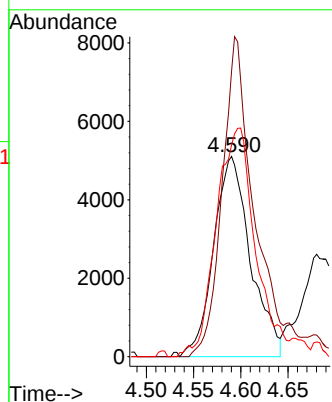
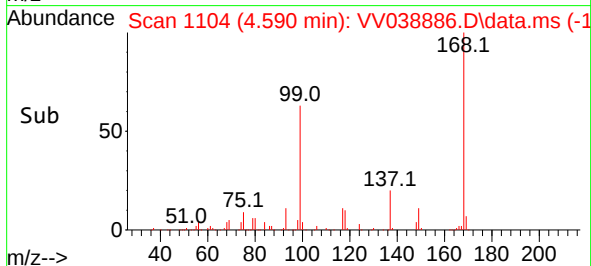


#31
Cyclohexane
Concen: 2.293 ug/l
RT: 4.590 min Scan# 1101
Delta R.T. 0.010 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Instrument :
MSVOA_V
ClientSampleId :

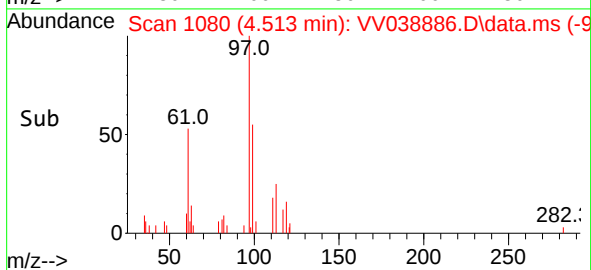
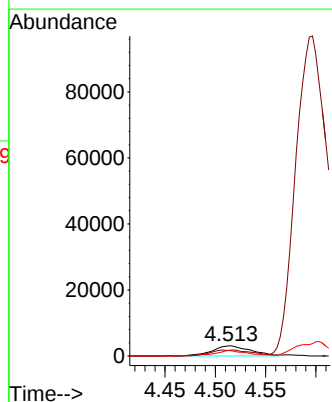
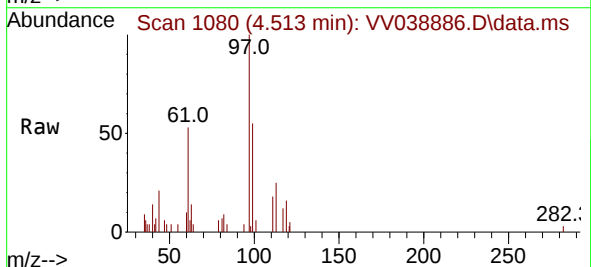


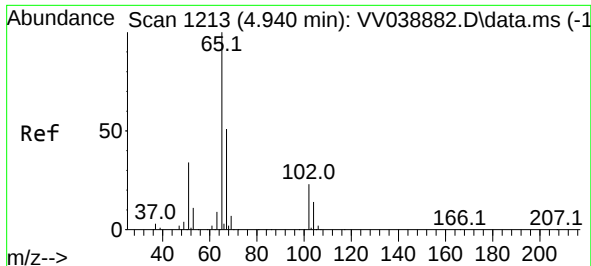
Tgt Ion: 56 Resp: 13827
Ion Ratio Lower Upper
56 100
69 142.5 28.2 42.2#
84 103.5 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 0.922 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 97 Resp: 8152
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 46.7 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 0.369 ug/l

RT: 4.963 min Scan# 11

Delta R.T. 0.023 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

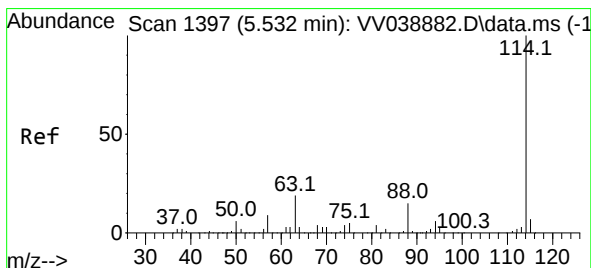
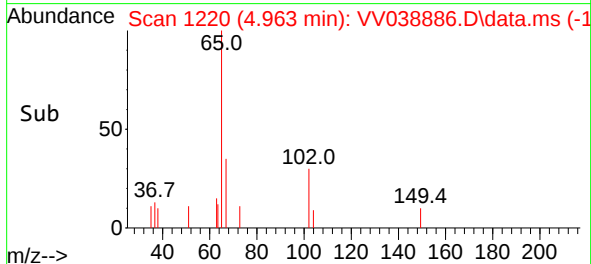
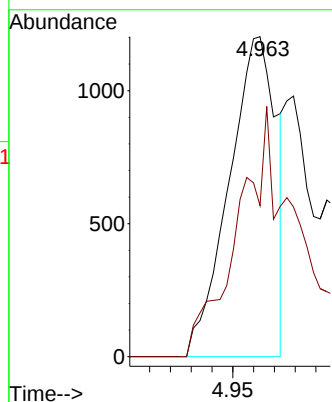
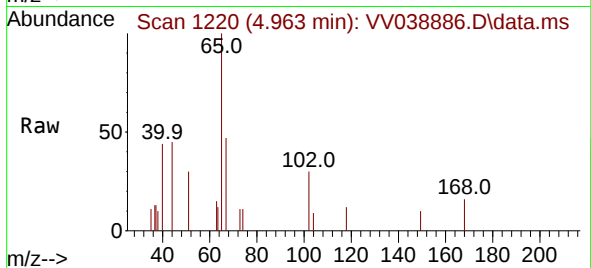
ClientSampleId :

Tgt Ion: 65 Resp: 1900

Ion Ratio Lower Upper

65 100

67 61.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

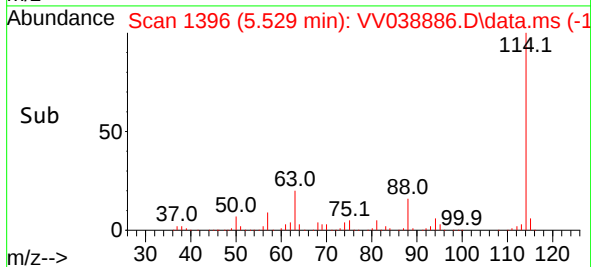
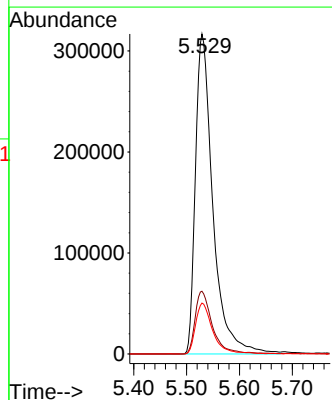
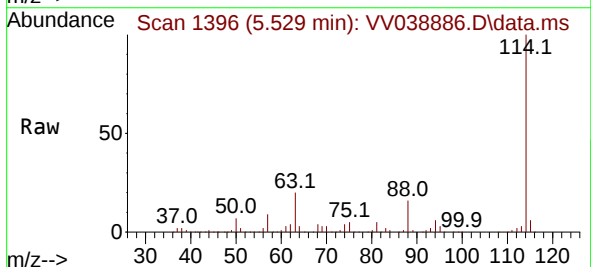
Tgt Ion: 114 Resp: 726163

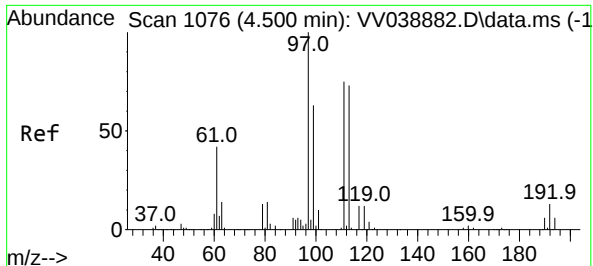
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 0.419 ug/l

RT: 4.507 min Scan# 1107

Delta R.T. 0.007 min

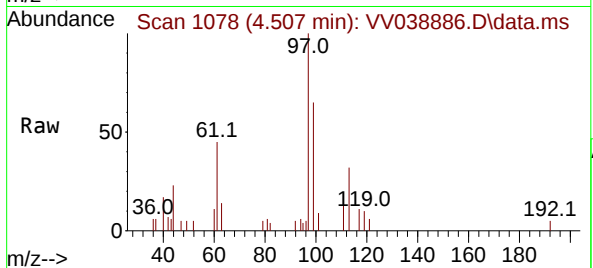
Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :



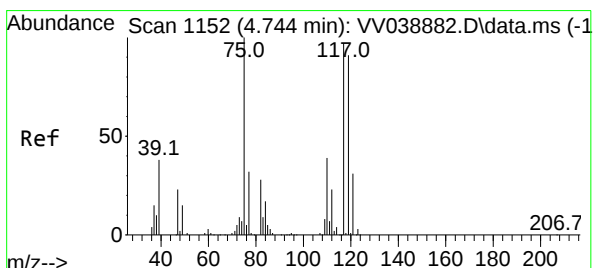
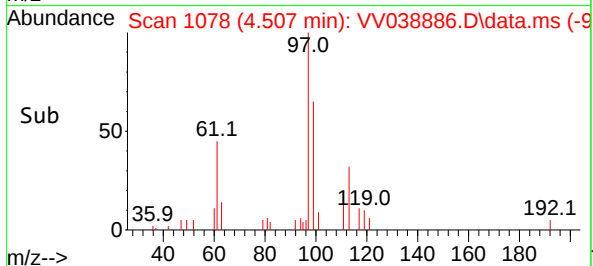
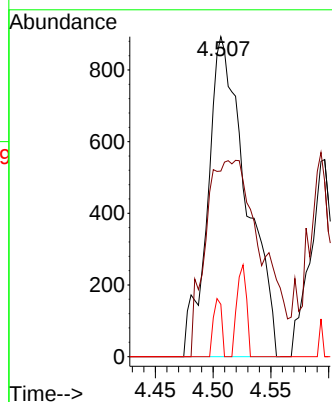
Tgt Ion:113 Resp: 2073

Ion Ratio Lower Upper

113 100

111 0.0 83.3 124.9#

192 3.9 14.2 21.4#



#36

1,1-Dichloropropene

Concen: 0.929 ug/l

RT: 4.757 min Scan# 1156

Delta R.T. 0.013 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

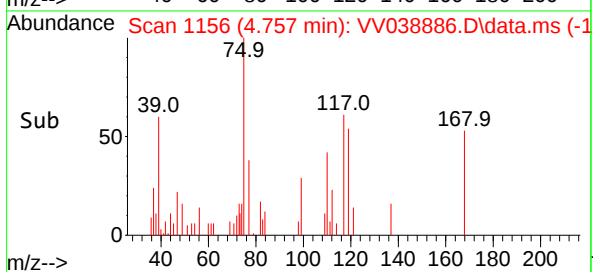
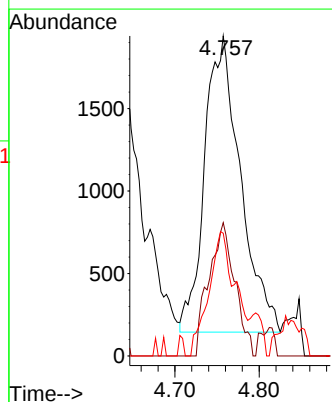
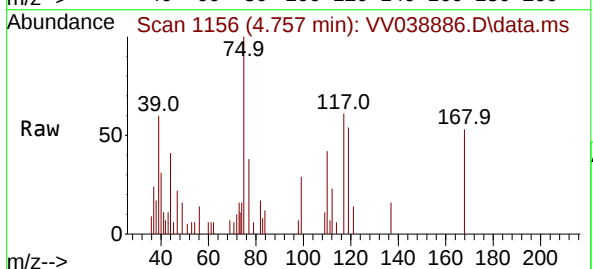
Tgt Ion: 75 Resp: 5287

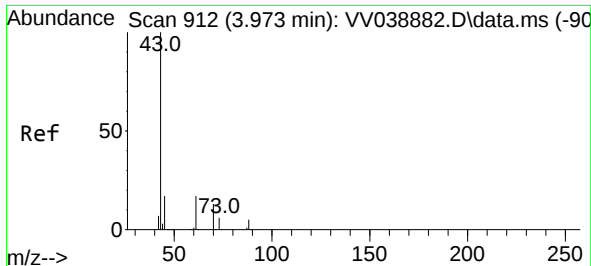
Ion Ratio Lower Upper

75 100

110 32.7 18.8 56.3

77 31.3 24.2 36.4





#37

Ethyl Acetate

Concen: 0.031 ug/l

RT: 4.015 min Scan# 912

Delta R.T. 0.042 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :

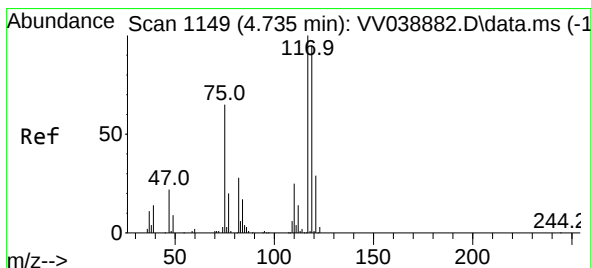
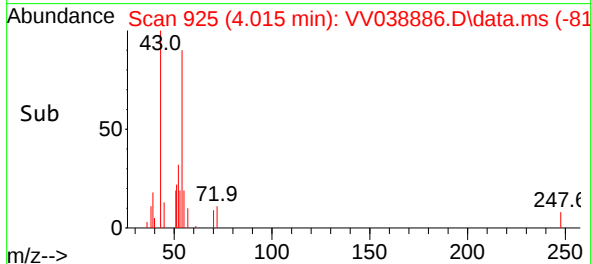
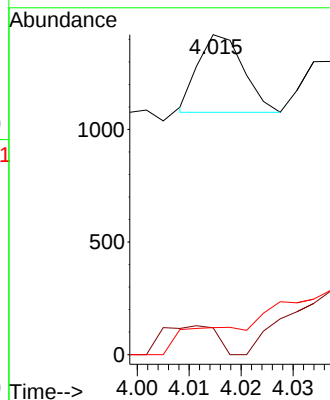
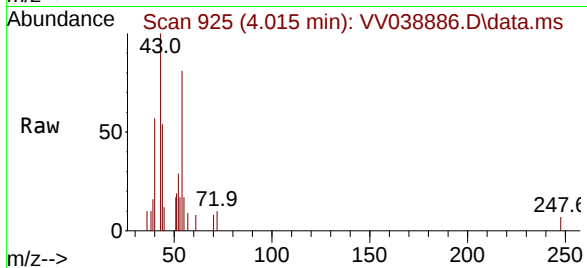
Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 0.833 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

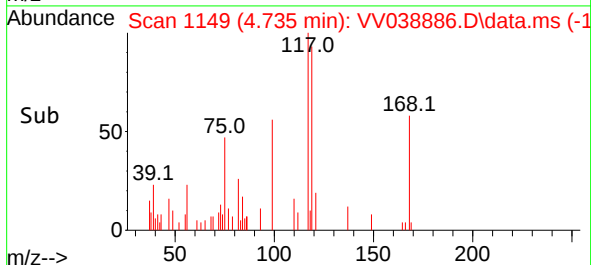
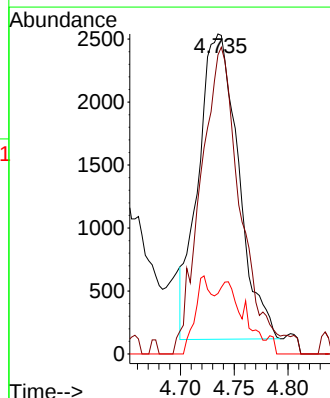
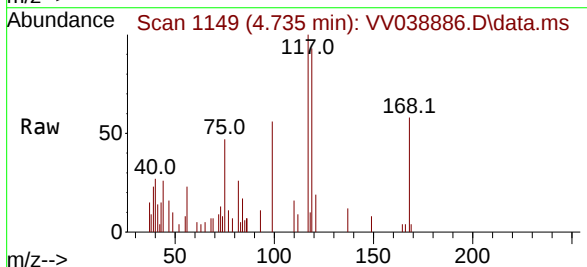
Tgt Ion: 117 Resp: 6294

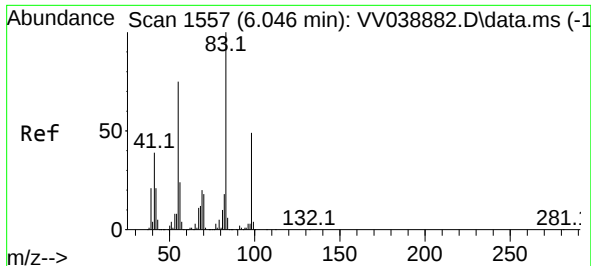
Ion Ratio Lower Upper

117 100

119 92.2 76.0 114.0

121 19.9 23.1 34.7#





#39

Methylcyclohexane

Concen: 1.041 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

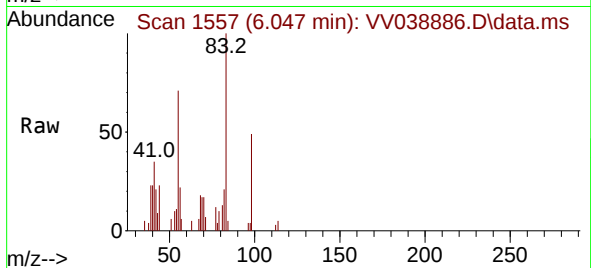
Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

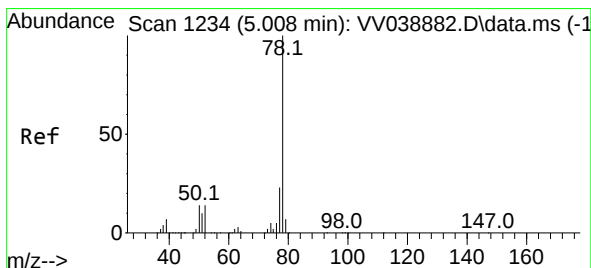
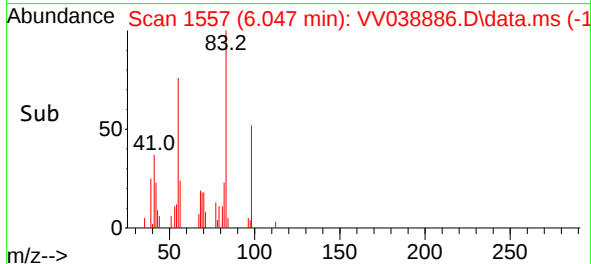
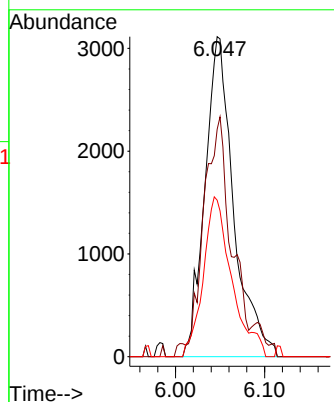
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 83	Resp: 6990		
Ion Ratio	Lower	Upper	
83 100			
55 71.1	60.0	90.0	
98 48.9	39.0	58.6	



#40

Benzene

Concen: 0.866 ug/l

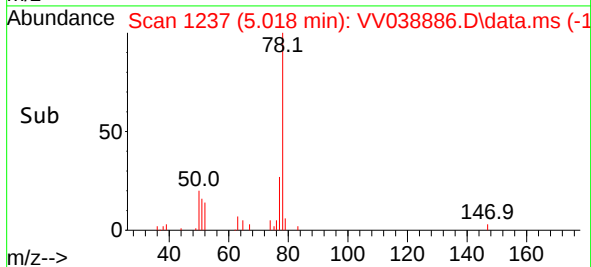
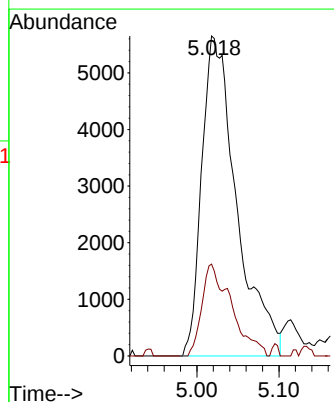
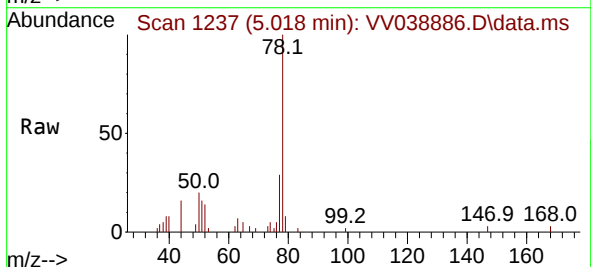
RT: 5.018 min Scan# 1237

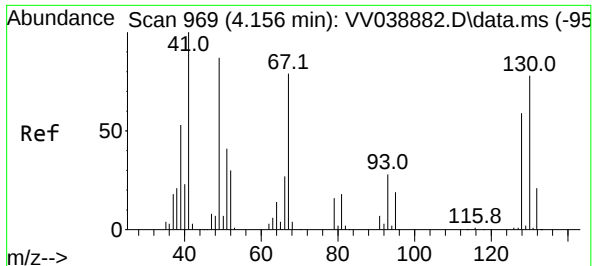
Delta R.T. 0.010 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

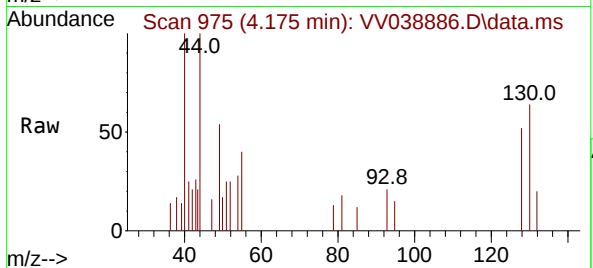
Tgt Ion: 78	Resp: 16701
Ion Ratio	Lower Upper
78 100	
77 28.7	18.6 28.0#



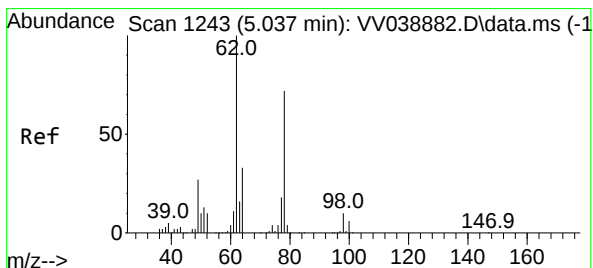
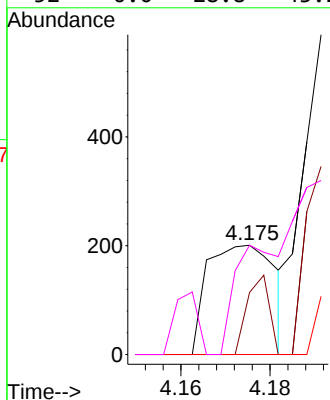
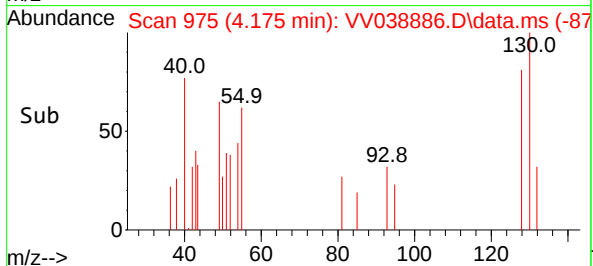


#41
Methacrylonitrile
Concen: 0.070 ug/l
RT: 4.175 min Scan# 91
Delta R.T. 0.019 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Instrument :
MSVOA_V
ClientSampleId :

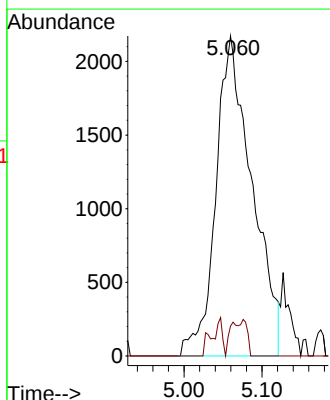
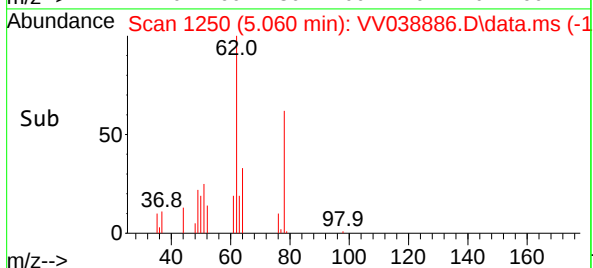
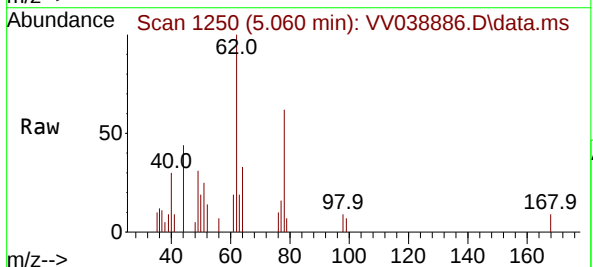


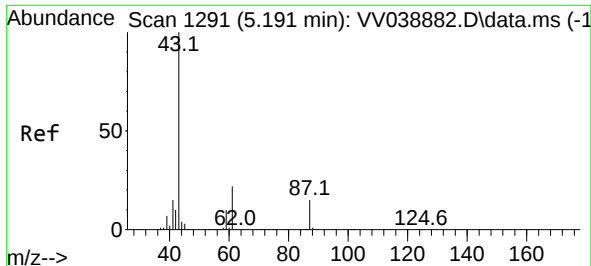
Tgt Ion: 41 Resp: 211
Ion Ratio Lower Upper
41 100
39 23.7 42.0 63.0#
67 0.0 76.2 114.2#
52 0.0 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 0.951 ug/l
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

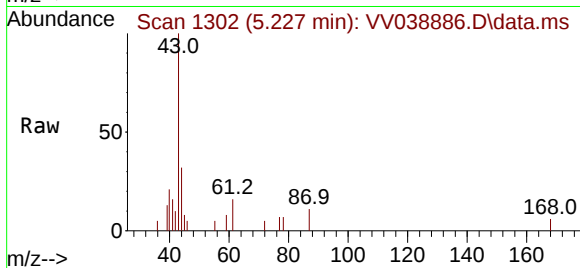
Tgt Ion: 62 Resp: 6994
Ion Ratio Lower Upper
62 100
98 2.7 0.0 18.8



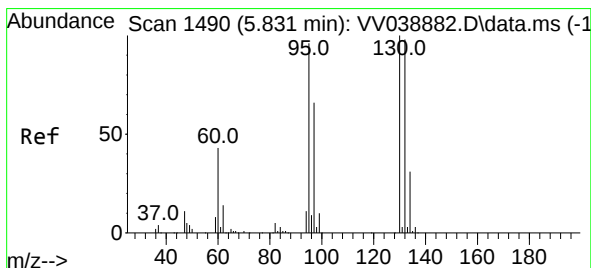
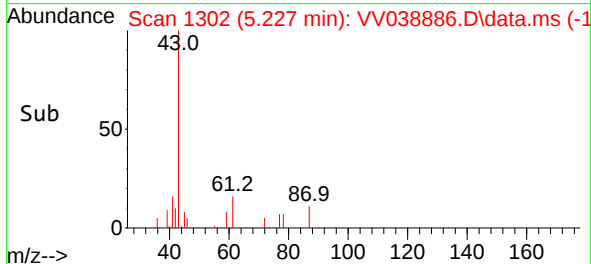
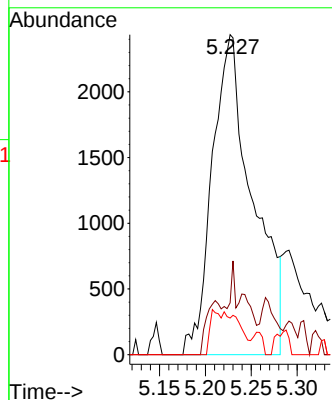


#43
Isopropyl Acetate
Concen: 0.705 ug/l
RT: 5.227 min Scan# 11
Delta R.T. 0.036 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Instrument :
MSVOA_V
ClientSampleId :

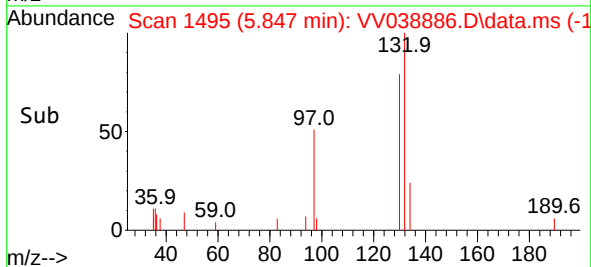
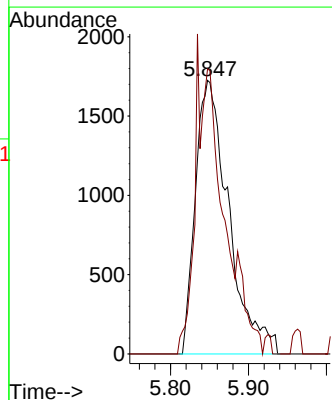
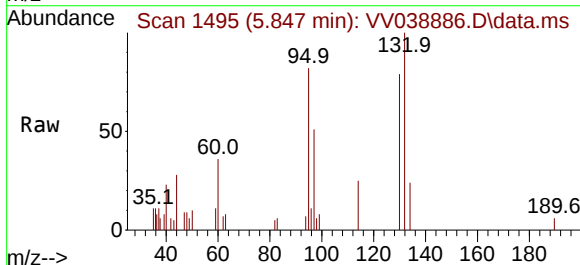


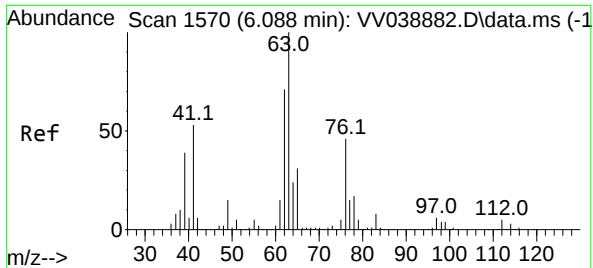
Tgt Ion: 43 Resp: 7474
Ion Ratio Lower Upper
43 100
61 1.5 17.1 25.7#
87 0.0 12.2 18.4#



#44
Trichloroethene
Concen: 1.014 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 130 Resp: 5112
Ion Ratio Lower Upper
130 100
95 104.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.967 ug/l

RT: 6.105 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

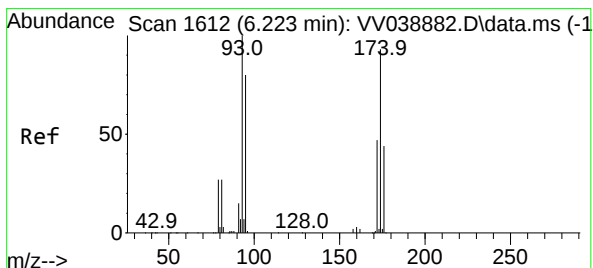
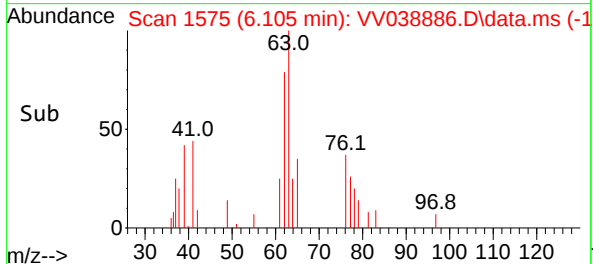
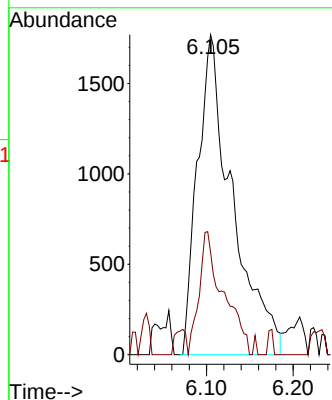
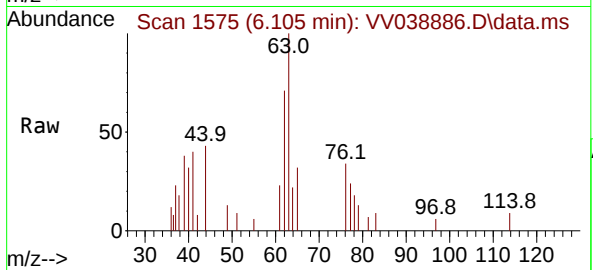
ClientSampleId :

Tgt Ion: 63 Resp: 4929

Ion Ratio Lower Upper

63 100

65 32.0 24.9 37.3



#46

Dibromomethane

Concen: 0.929 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.020 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

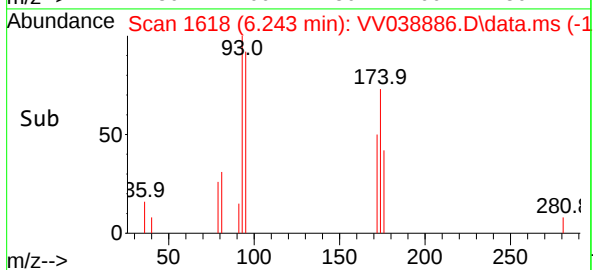
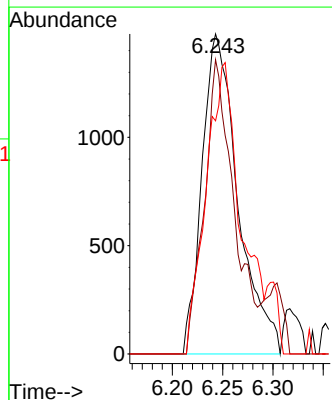
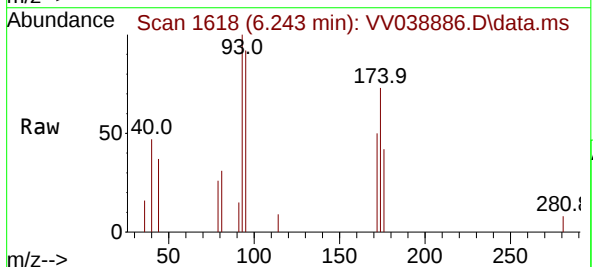
Tgt Ion: 93 Resp: 3664

Ion Ratio Lower Upper

93 100

95 75.8 66.2 99.4

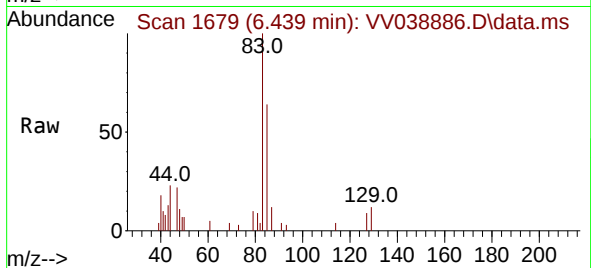
174 88.1 75.3 112.9



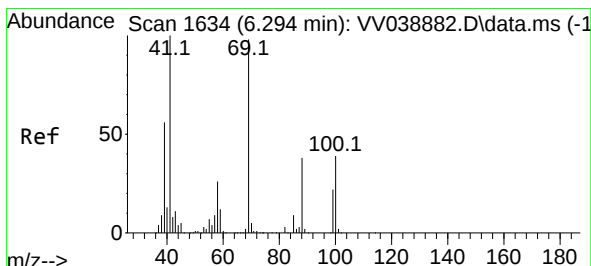
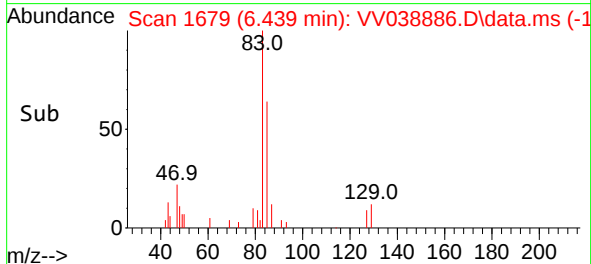
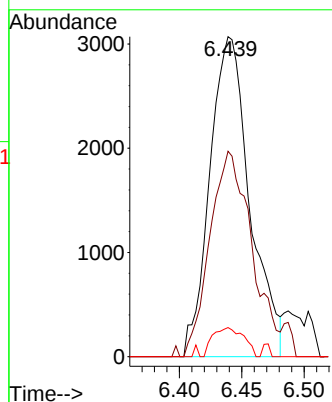


#47
Bromodichloromethane
Concen: 0.820 ug/l
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Instrument :
MSVOA_V
ClientSampleId :

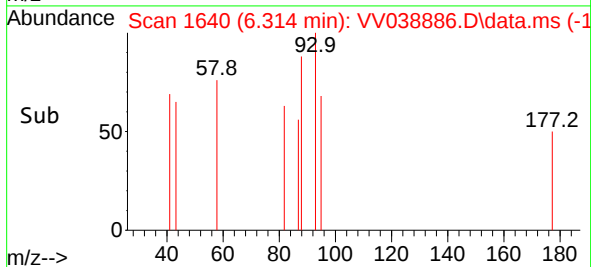
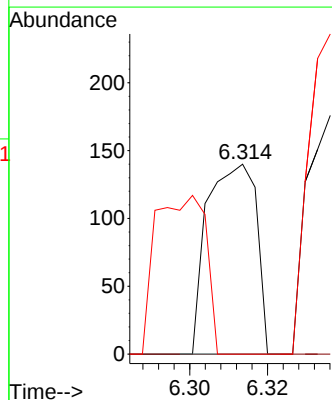
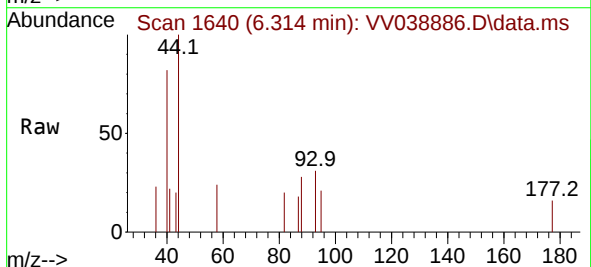


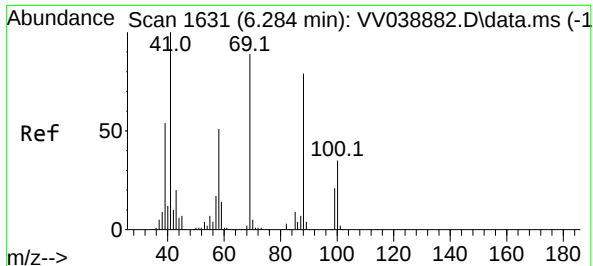
Tgt Ion: 83 Resp: 6859
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 9.1 6.9 10.3



#48
Methyl methacrylate
Concen: 0.026 ug/l
RT: 6.314 min Scan# 1640
Delta R.T. 0.020 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 41 Resp: 122
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 85.2 44.0 66.0#





#49

1,4-Dioxane

Concen: 0.452 ug/l

RT: 6.262 min Scan# 1

Delta R.T. -0.022 min

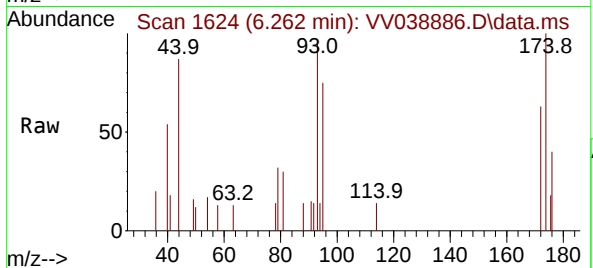
Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :



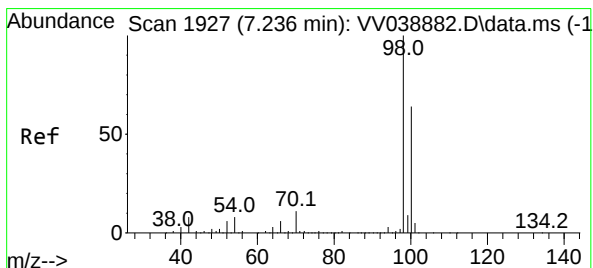
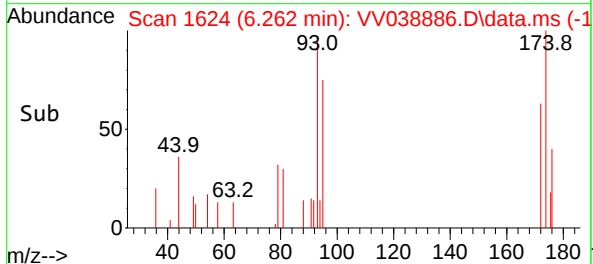
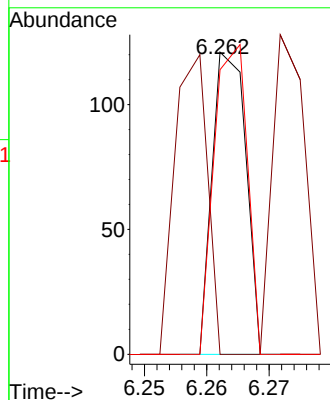
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 97.8 23.0 34.4#

58 102.2 53.8 80.6#



#50

Toluene-d8

Concen: 0.526 ug/l

RT: 7.256 min Scan# 1933

Delta R.T. 0.019 min

Lab File: VV038886.D

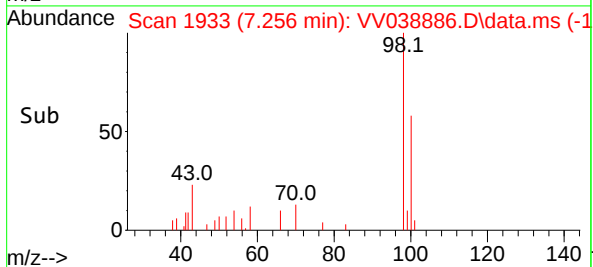
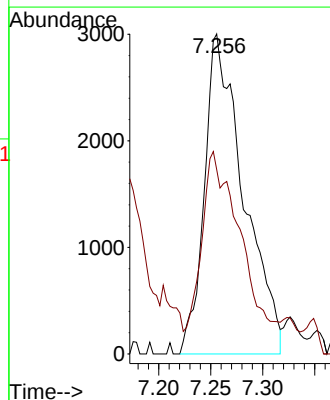
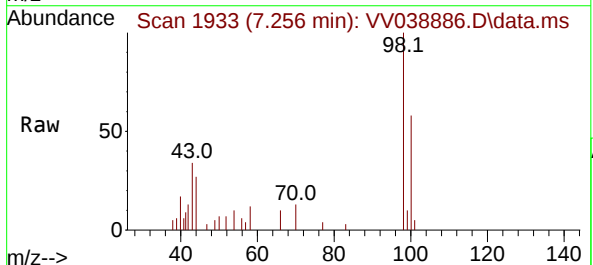
Acq: 11 Jul 2025 13:23

Tgt Ion: 98 Resp: 7877

Ion Ratio Lower Upper

98 100

100 50.9 52.9 79.3#

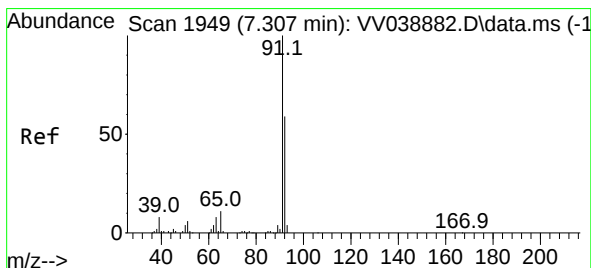
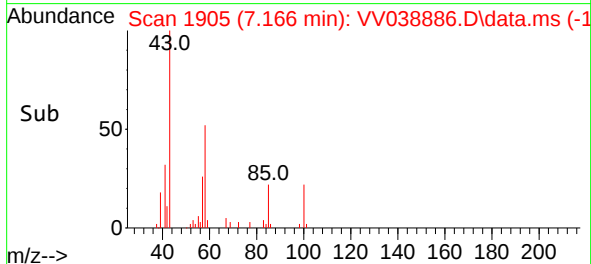
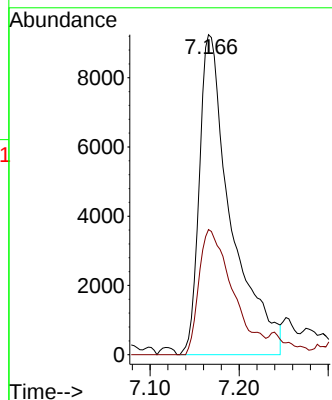
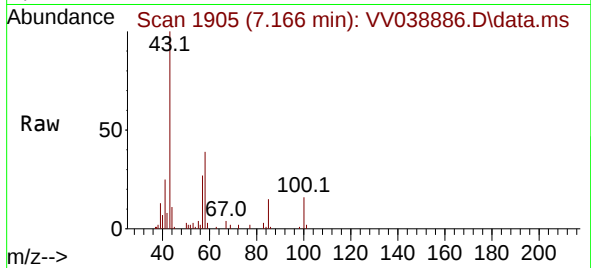




#51
4-Methyl-2-Pentanone
Concen: 3.162 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

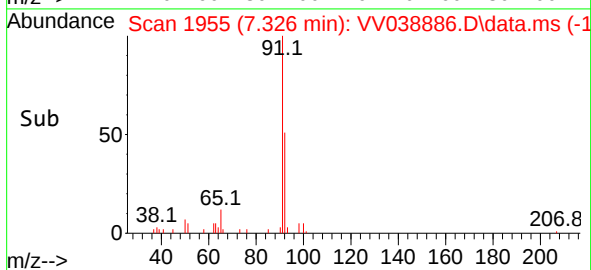
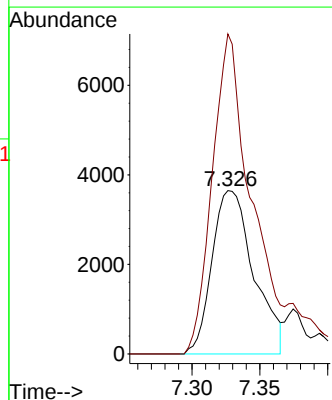
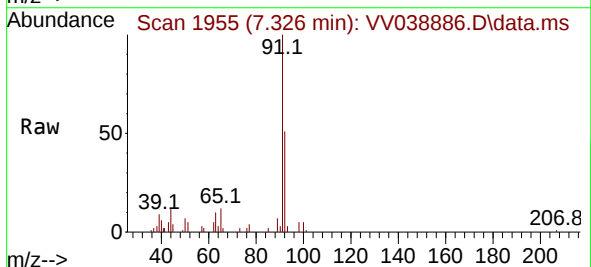
Instrument :
MSVOA_V
ClientSampleId :

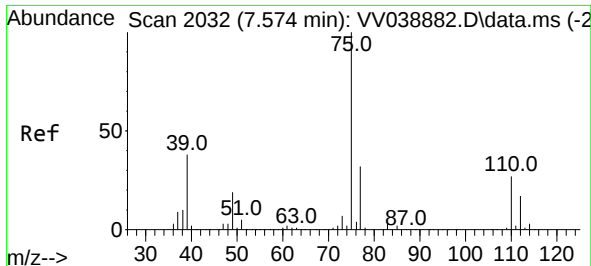
Tgt Ion: 43 Resp: 22813
Ion Ratio Lower Upper
43 100
58 41.7 34.5 51.7



#52
Toluene
Concen: 0.644 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 92 Resp: 7825
Ion Ratio Lower Upper
92 100
91 182.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 0.605 ug/l

RT: 7.606 min Scan# 2032

Delta R.T. 0.032 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

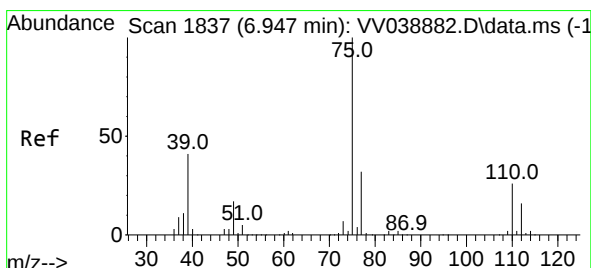
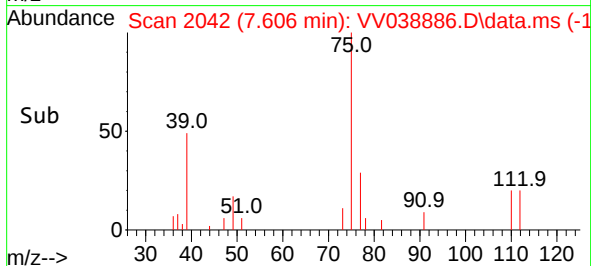
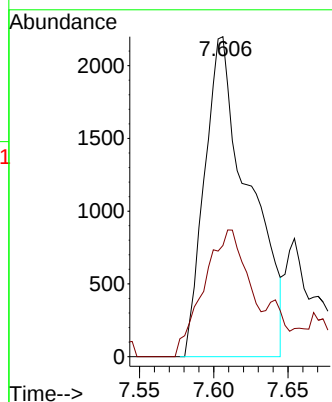
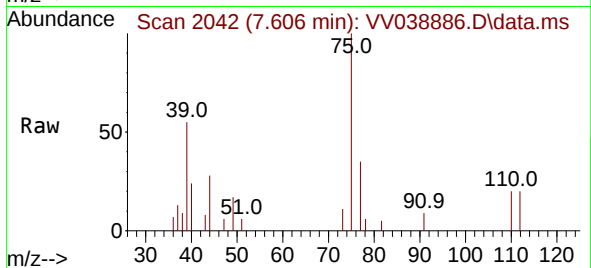
ClientSampleId :

Tgt Ion: 75 Resp: 4580

Ion Ratio Lower Upper

75 100

77 29.1 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 0.776 ug/l

RT: 6.969 min Scan# 1844

Delta R.T. 0.023 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

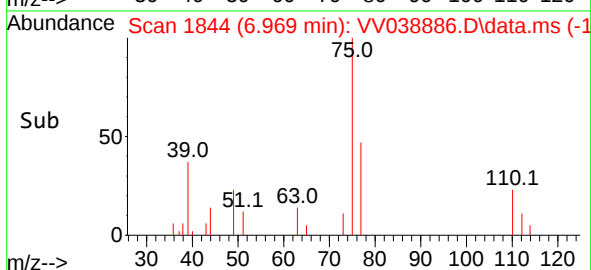
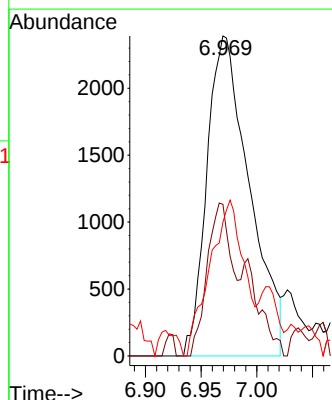
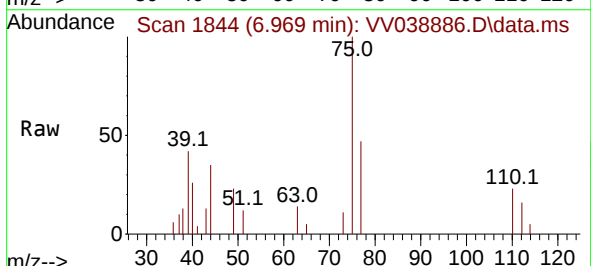
Tgt Ion: 75 Resp: 6352

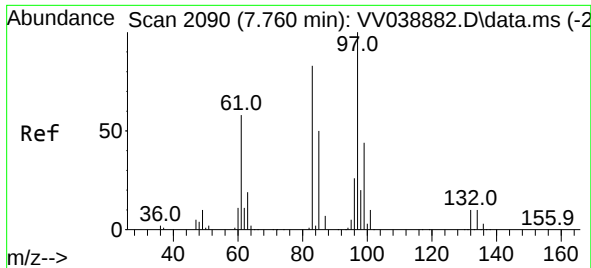
Ion Ratio Lower Upper

75 100

77 47.4 25.5 38.3#

39 37.5 33.1 49.7

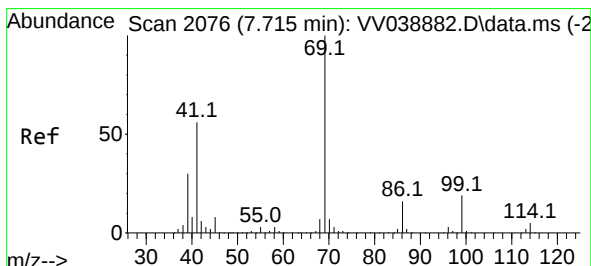
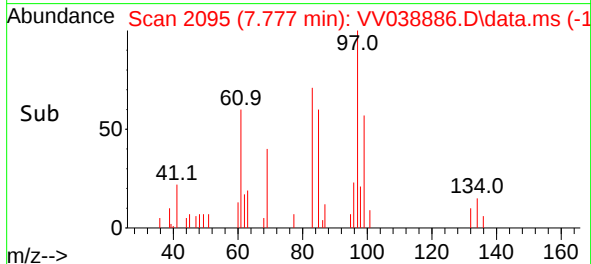
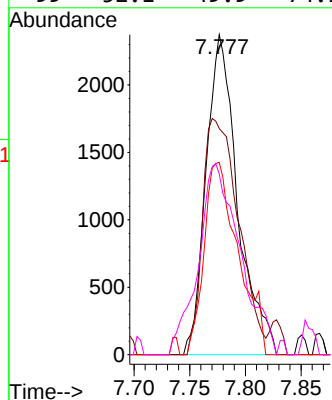
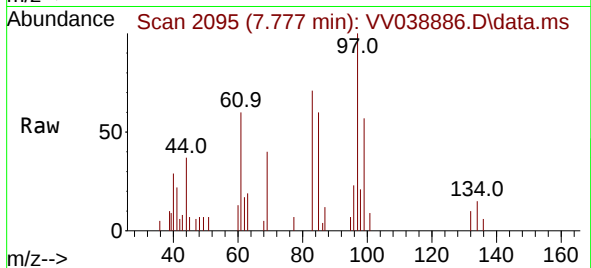




#55
 1,1,2-Trichloroethane
 Concen: 0.808 ug/l
 RT: 7.777 min Scan# 2090
 Delta R.T. 0.016 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

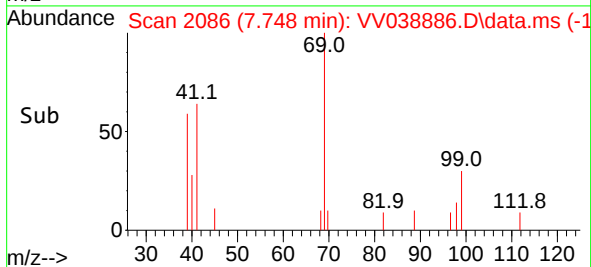
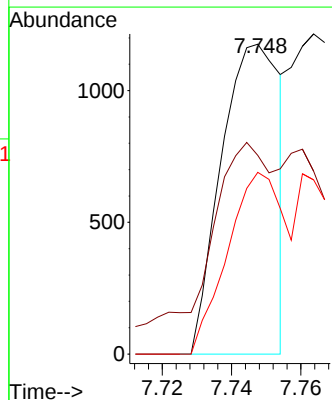
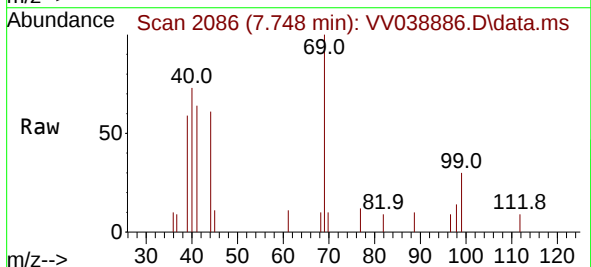
Instrument :
 MSVOA_V
 ClientSampleId :

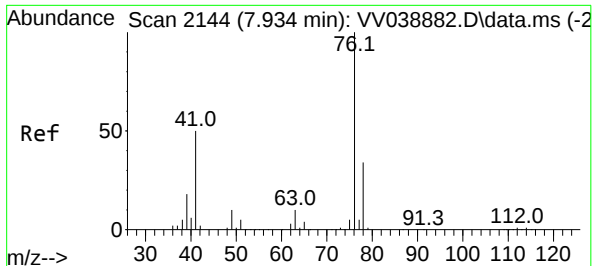
Tgt Ion: 97	Resp: 4691
Ion Ratio	Lower Upper
97 100	
83 70.7	66.2 99.4
85 60.1	41.4 62.2
99 52.1	49.9 74.9



#56
 Ethyl methacrylate
 Concen: 0.200 ug/l
 RT: 7.748 min Scan# 2086
 Delta R.T. 0.032 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Tgt Ion: 69	Resp: 1377		
Ion Ratio	Lower	Upper	
69 100			
41 52.7	45.7	68.5	
39 58.2	23.8	35.8	#





#57

1,3-Dichloropropane

Concen: 0.026 ug/l

RT: 8.027 min Scan# 2144

Delta R.T. 0.093 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

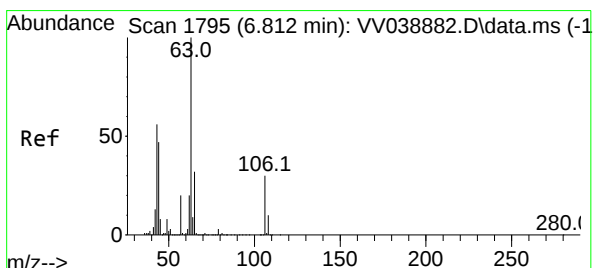
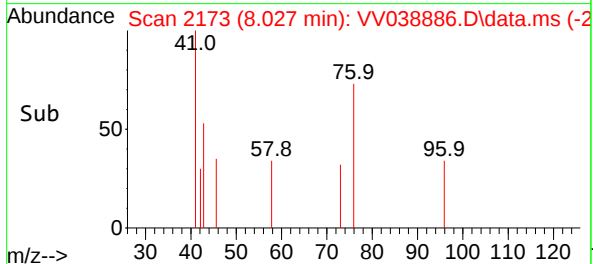
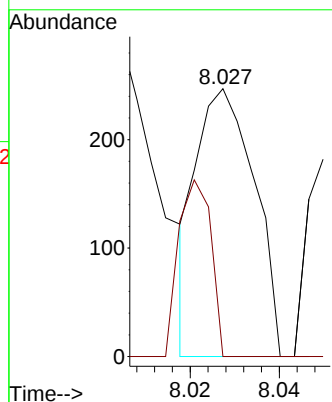
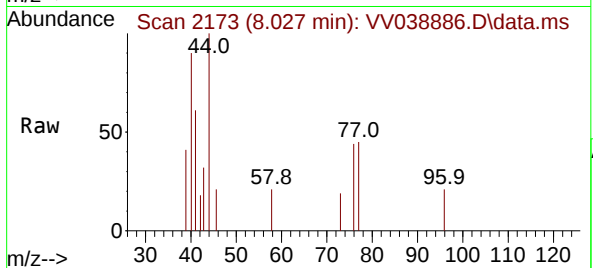
ClientSampleId :

Tgt Ion: 76 Resp: 225

Ion Ratio Lower Upper

76 100

78 36.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 10.815 ug/l

RT: 6.841 min Scan# 1804

Delta R.T. 0.029 min

Lab File: VV038886.D

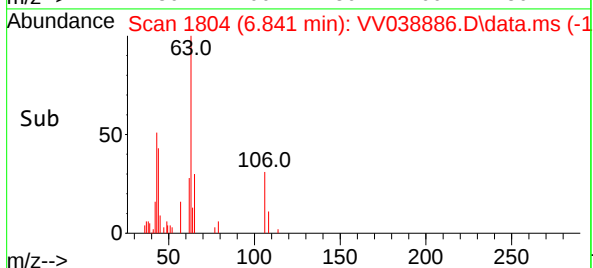
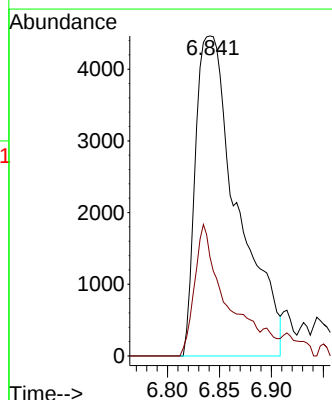
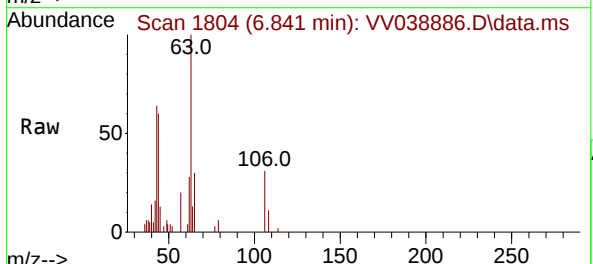
Acq: 11 Jul 2025 13:23

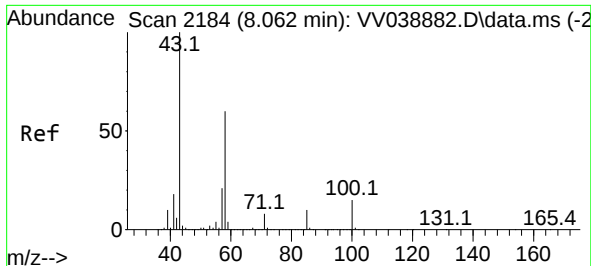
Tgt Ion: 63 Resp: 12590

Ion Ratio Lower Upper

63 100

106 29.7 24.1 36.1

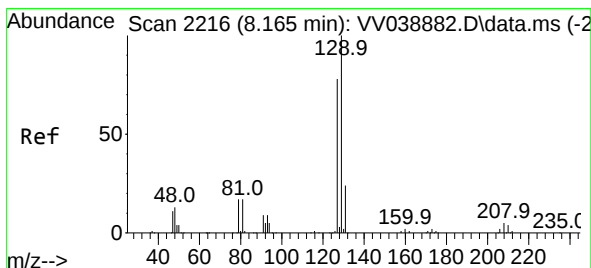
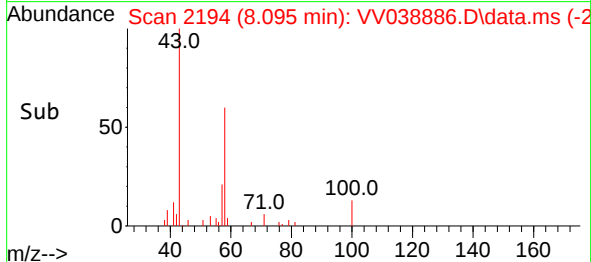
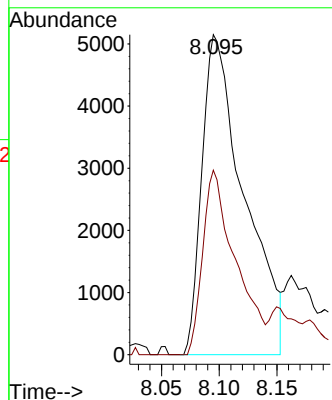
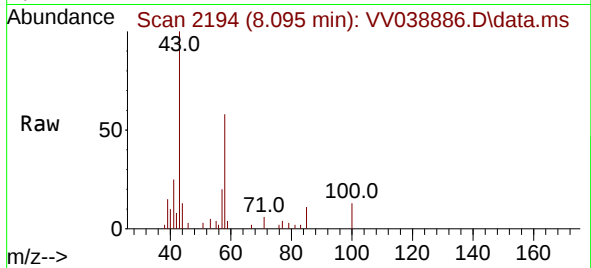




#59
2-Hexanone
Concen: 2.434 ug/l
RT: 8.095 min Scan# 2184
Delta R.T. 0.032 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

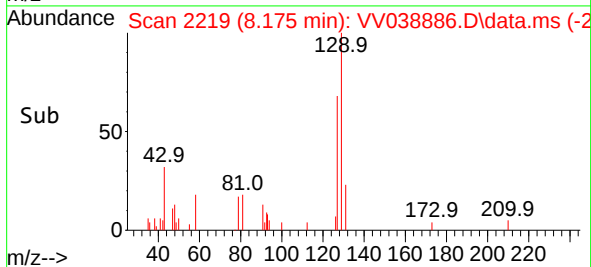
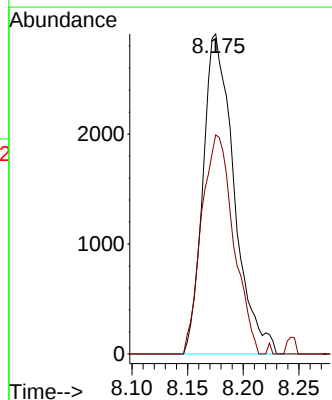
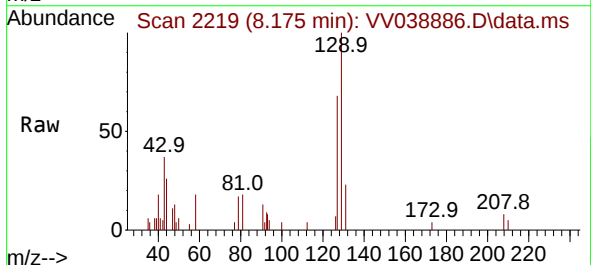
Instrument :
MSVOA_V
ClientSampleId :

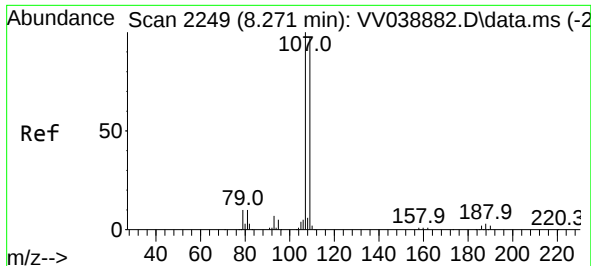
Tgt Ion: 43 Resp: 13072
Ion Ratio Lower Upper
43 100
58 45.2 29.6 88.8



#60
Dibromochloromethane
Concen: 0.824 ug/l
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 129 Resp: 5635
Ion Ratio Lower Upper
129 100
127 70.6 39.4 118.2

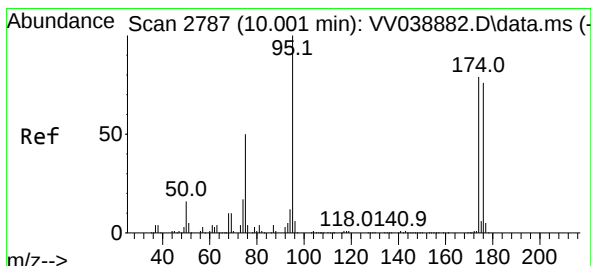
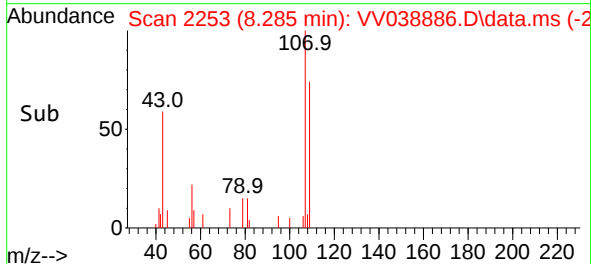
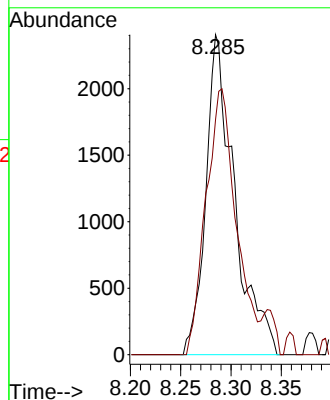
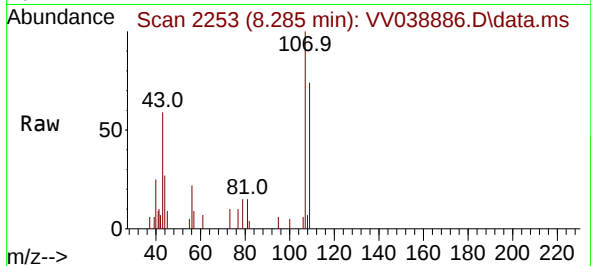




#61
1,2-Dibromoethane
Concen: 0.814 ug/l
RT: 8.285 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

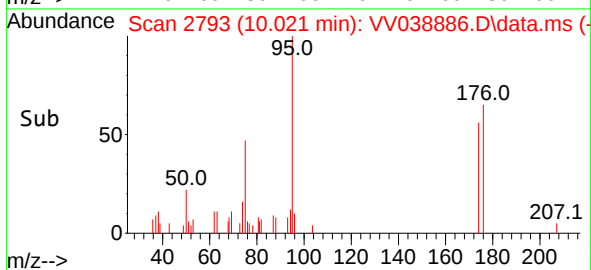
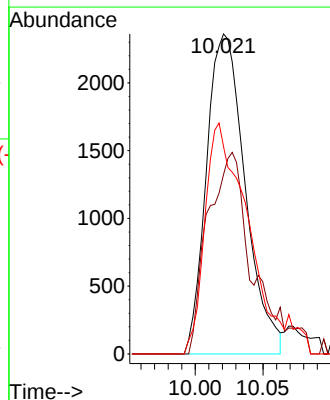
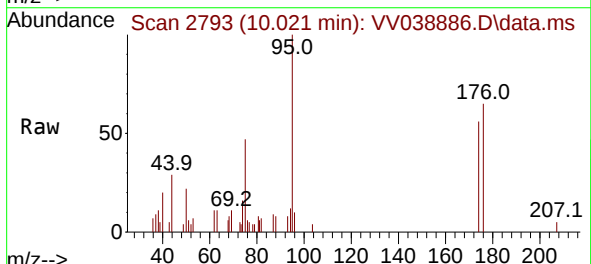
Instrument :
MSVOA_V
ClientSampleId :

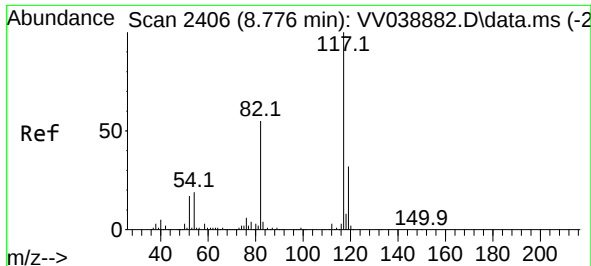
Tgt Ion:107 Resp: 4761
Ion Ratio Lower Upper
107 100
109 87.5 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 0.777 ug/l
RT: 10.021 min Scan# 2793
Delta R.T. 0.020 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

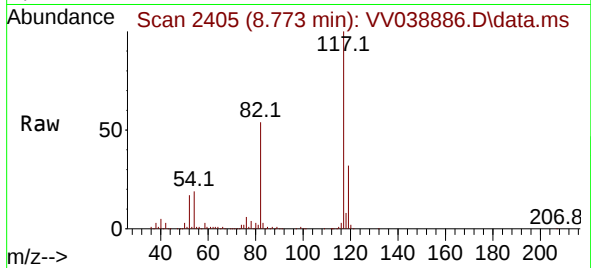
Tgt Ion: 95 Resp: 4684
Ion Ratio Lower Upper
95 100
174 72.0 0.0 160.0
176 78.9 0.0 152.2



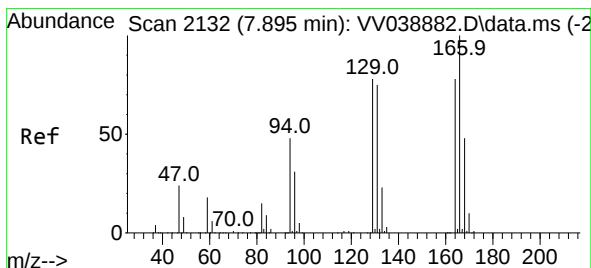
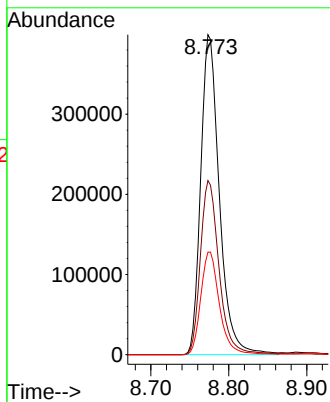
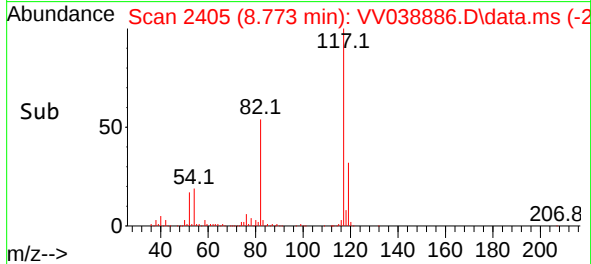


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Instrument :
MSVOA_V
ClientSampleId :

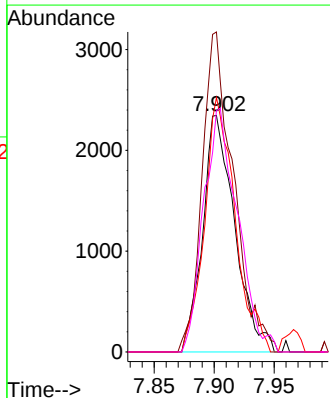
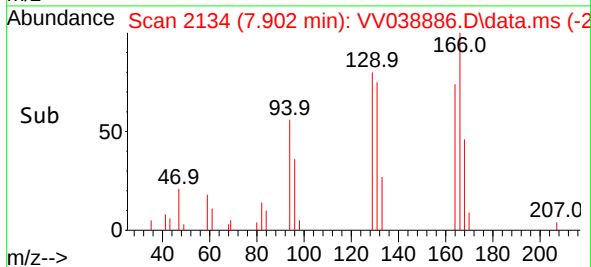
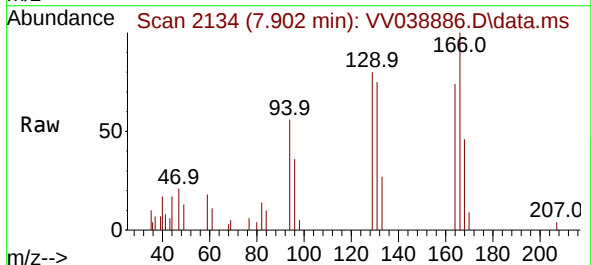


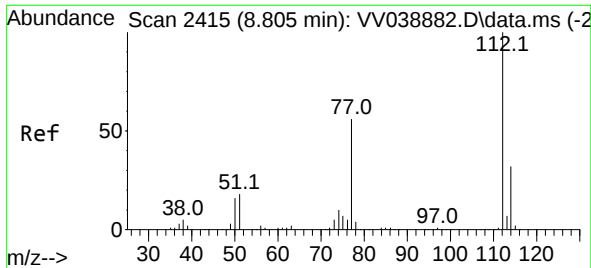
Tgt Ion:117 Resp: 662887
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 1.005 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion:164 Resp: 4371
Ion Ratio Lower Upper
164 100
166 135.3 103.2 154.8
129 107.6 81.0 121.4
131 102.0 77.8 116.8

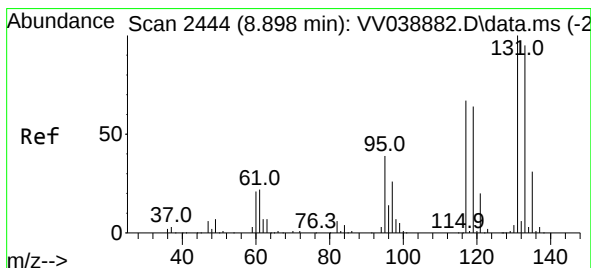
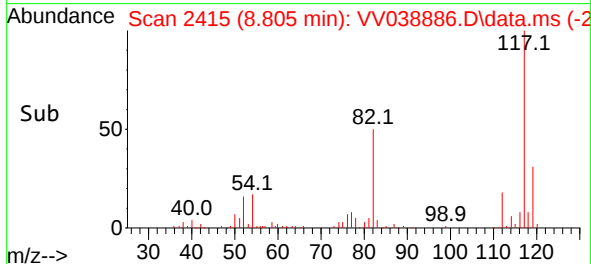
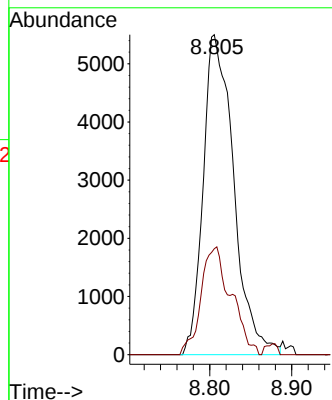
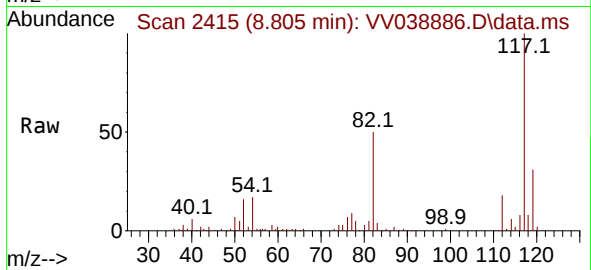




#65
Chlorobenzene
Concen: 0.982 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

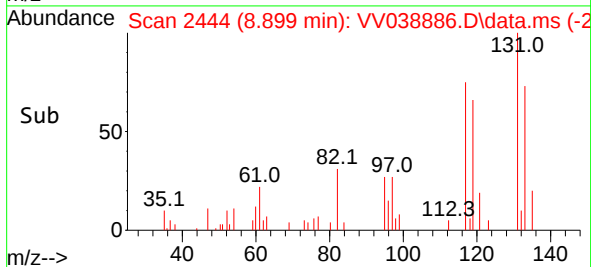
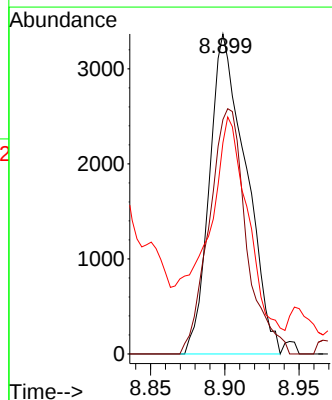
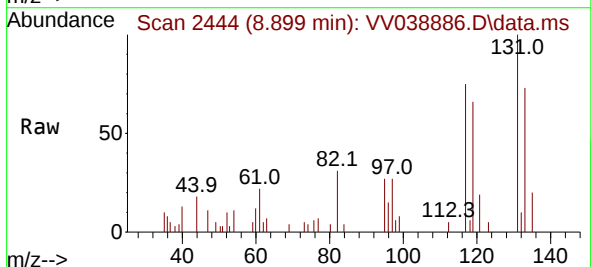
Instrument :
MSVOA_V
ClientSampleId :

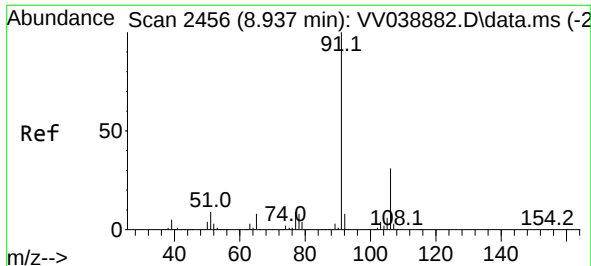
Tgt Ion:112 Resp: 14221
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.996 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion:131 Resp: 5752
Ion Ratio Lower Upper
131 100
133 78.0 47.6 142.9
119 0.0 32.0 96.2#





#67

Ethyl Benzene

Concen: 0.790 ug/l

RT: 8.947 min Scan# 2456

Delta R.T. 0.010 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

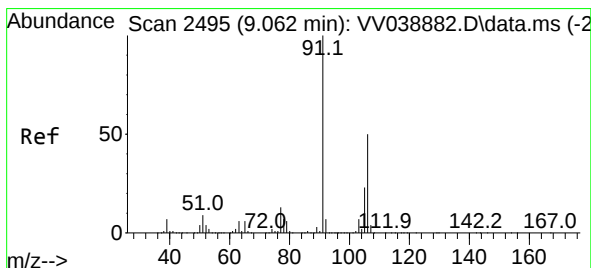
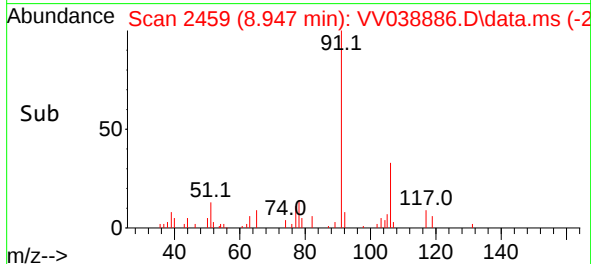
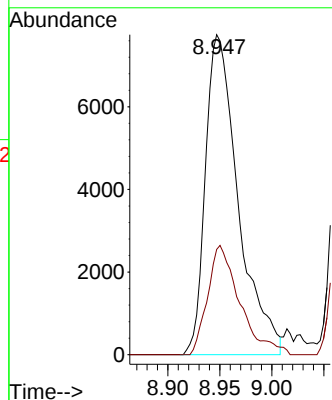
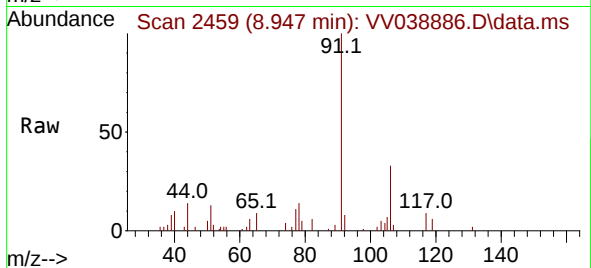
ClientSampleId :

Tgt Ion: 91 Resp: 16995

Ion Ratio Lower Upper

91 100

106 32.9 24.8 37.2



#68

m/p-Xylenes

Concen: 1.495 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038886.D

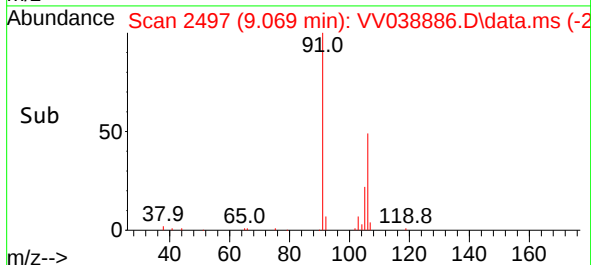
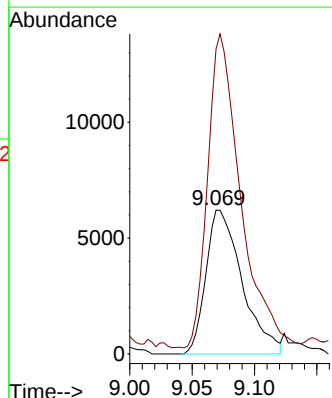
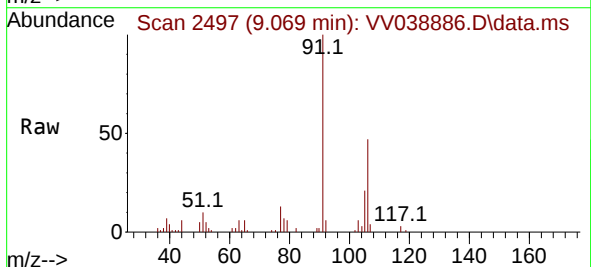
Acq: 11 Jul 2025 13:23

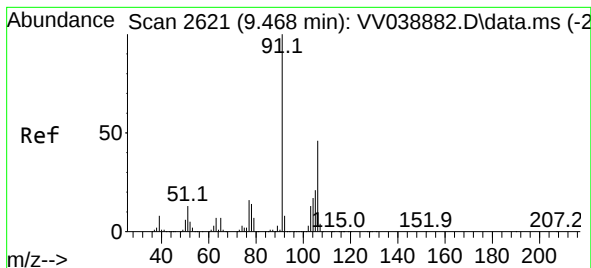
Tgt Ion: 106 Resp: 12518

Ion Ratio Lower Upper

106 100

91 199.8 161.0 241.6





#69

o-Xylene

Concen: 0.798 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

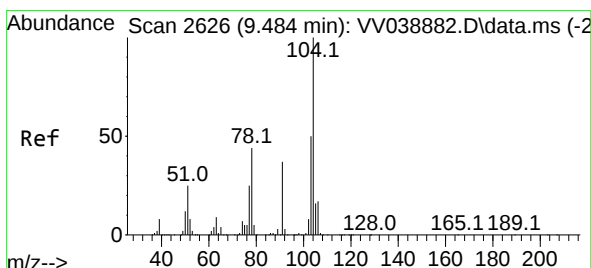
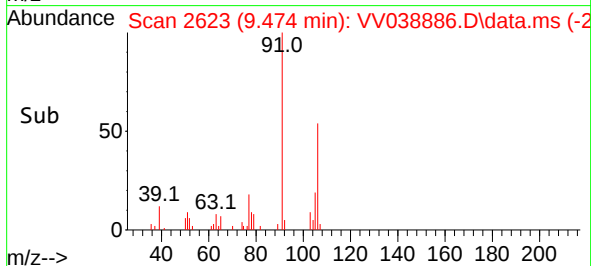
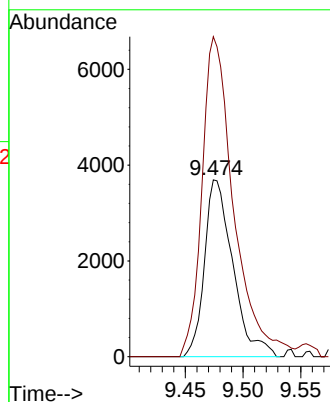
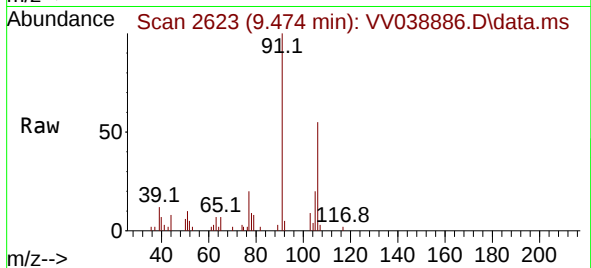
ClientSampleId :

Tgt Ion:106 Resp: 6309

Ion Ratio Lower Upper

106 100

91 202.3 108.9 326.6



#70

Styrene

Concen: 0.019 ug/l

RT: 9.474 min Scan# 2623

Delta R.T. -0.009 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

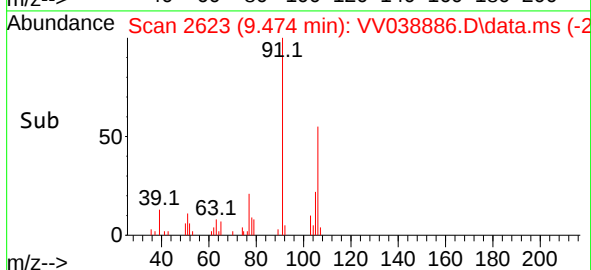
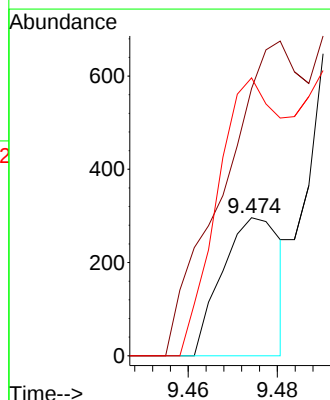
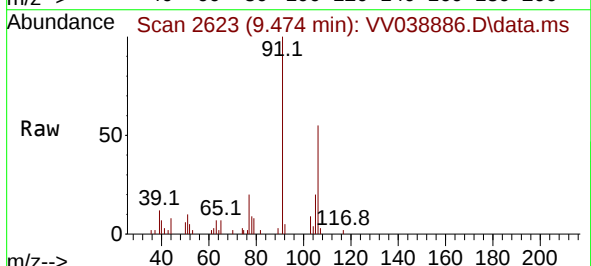
Tgt Ion:104 Resp: 268

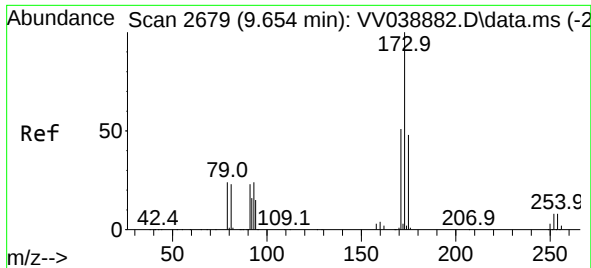
Ion Ratio Lower Upper

104 100

78 327.2 39.9 59.9#

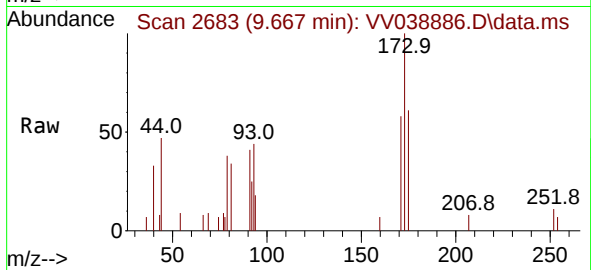
103 213.8 43.4 65.2#



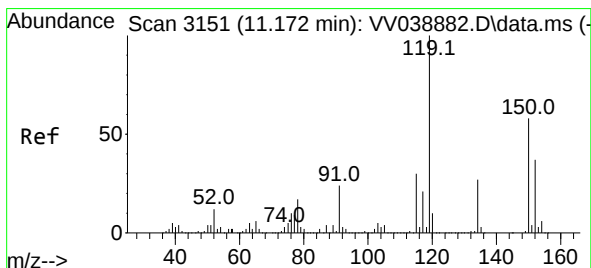
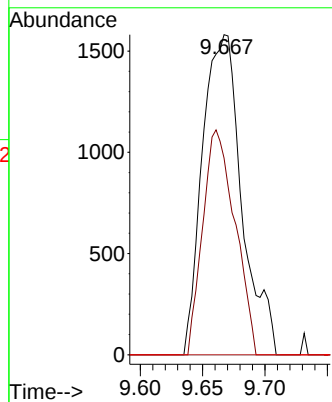
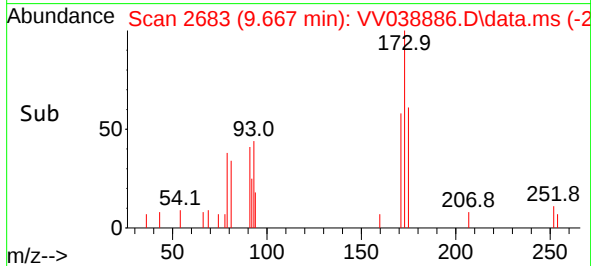


#71
Bromoform
Concen: 0.738 ug/l
RT: 9.667 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

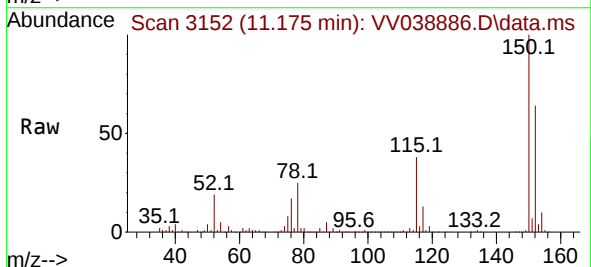
Instrument :
MSVOA_V
ClientSampleId :



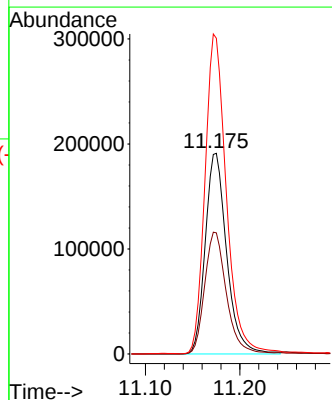
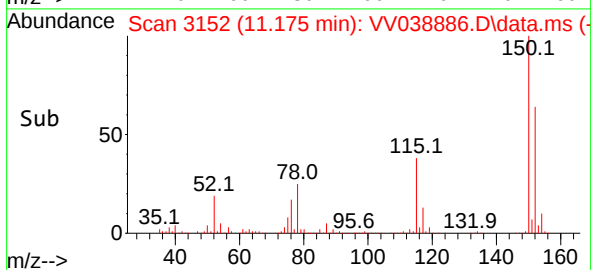
Tgt Ion:173 Resp: 3465
Ion Ratio Lower Upper
173 100
175 57.6 23.5 70.6
254 0.0 0.1 0.1#

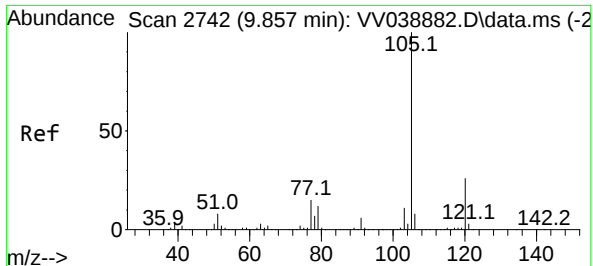


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23



Tgt Ion:152 Resp: 301407
Ion Ratio Lower Upper
152 100
115 61.8 41.8 125.4
150 158.4 0.0 342.4

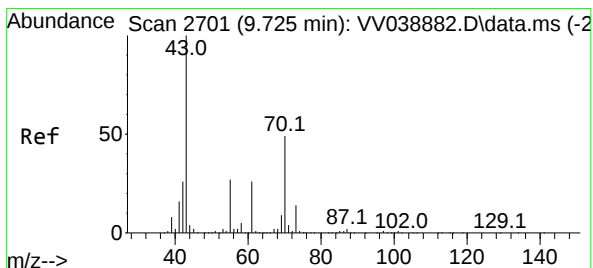
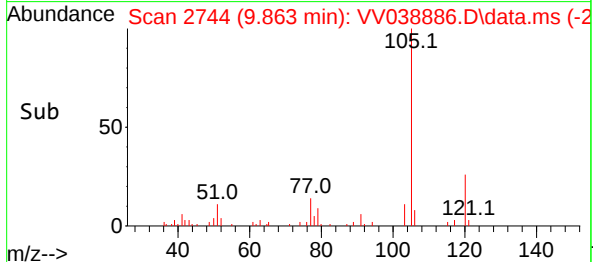
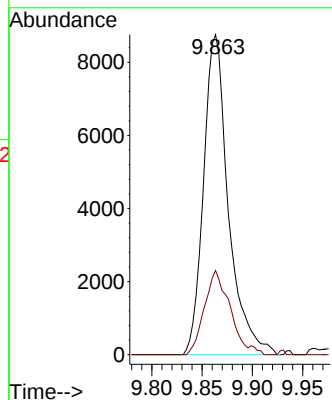
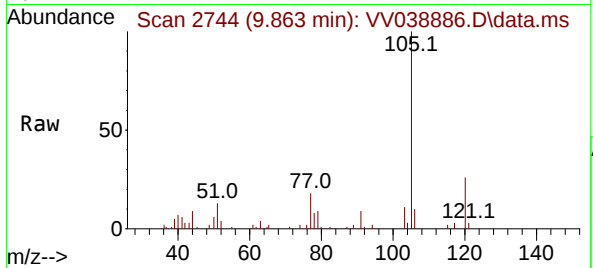




#73
Isopropylbenzene
Concen: 0.834 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

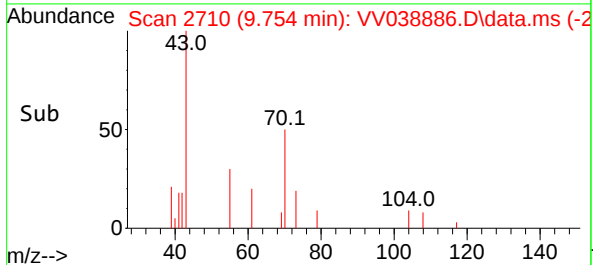
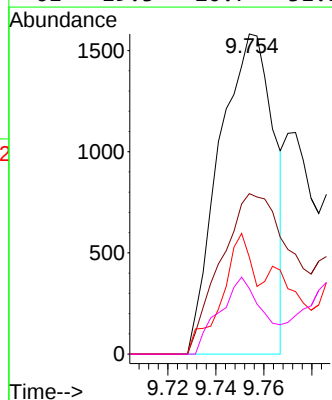
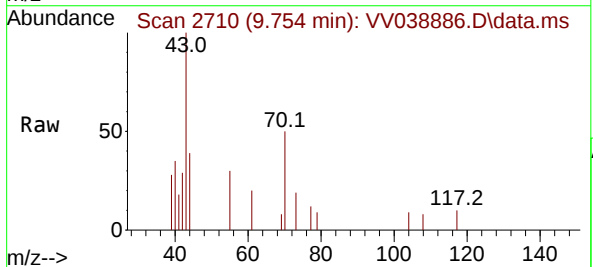
Instrument :
MSVOA_V
ClientSampleId :

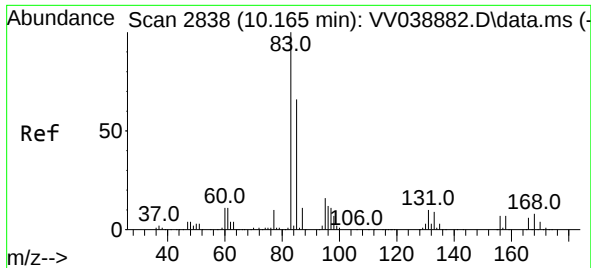
Tgt Ion:105 Resp: 15020
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.7



#74
N-ethyl acetate
Concen: 0.378 ug/l
RT: 9.754 min Scan# 2710
Delta R.T. 0.029 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
70 65.2 38.6 58.0#
55 22.3 21.8 32.8
61 19.3 20.7 31.1#

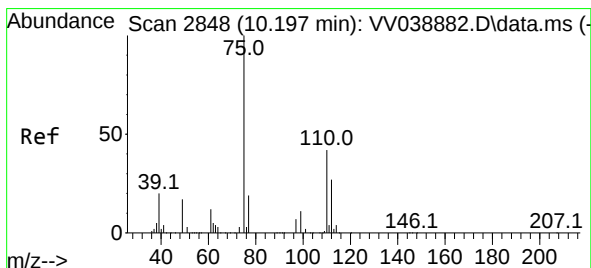
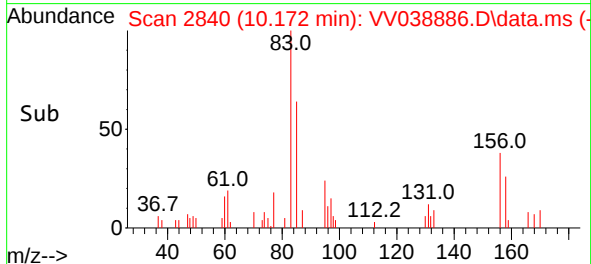
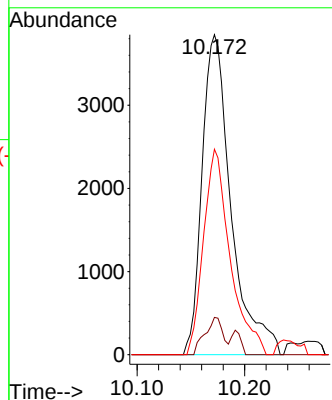
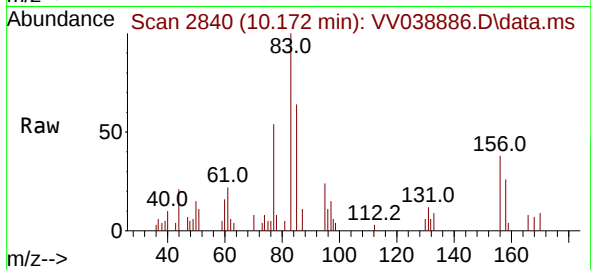




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.955 ug/l
 RT: 10.172 min Scan# 2840
 Delta R.T. 0.007 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

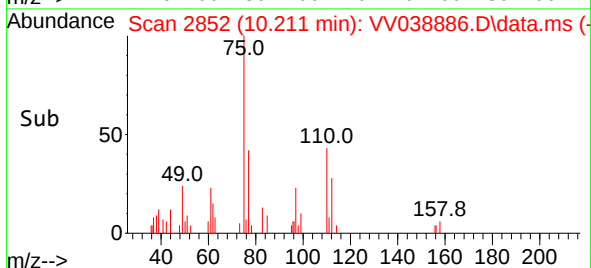
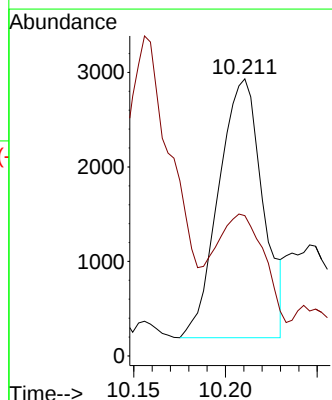
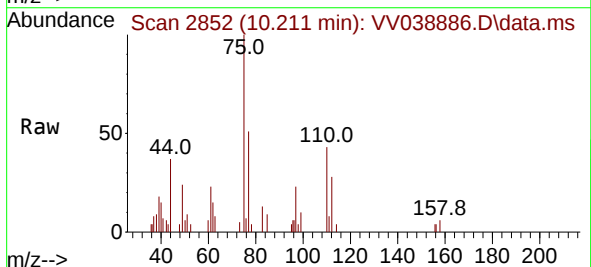
Instrument :
 MSVOA_V
 ClientSampleId :

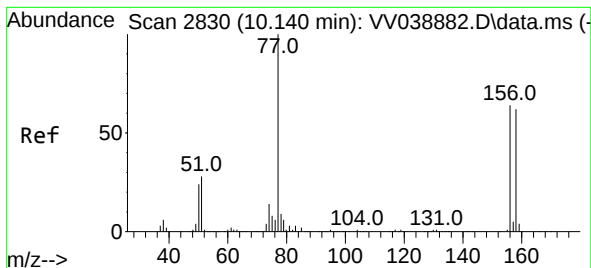
Tgt Ion: 83 Resp: 7204
 Ion Ratio Lower Upper
 83 100
 131 7.3 5.1 15.4
 85 59.0 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 0.819 ug/l
 RT: 10.211 min Scan# 2852
 Delta R.T. 0.013 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

Tgt Ion: 75 Resp: 4587
 Ion Ratio Lower Upper
 75 100
 77 46.7 17.4 52.3





#77

Bromobenzene

Concen: 0.390 ug/l

RT: 10.153 min Scan# 2834

Delta R.T. 0.013 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :

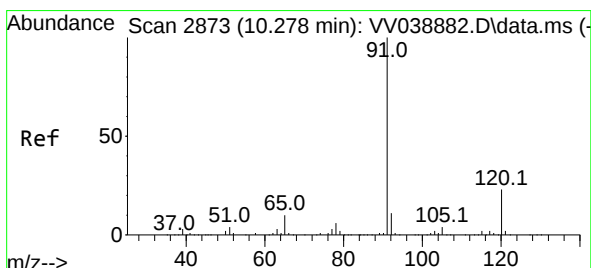
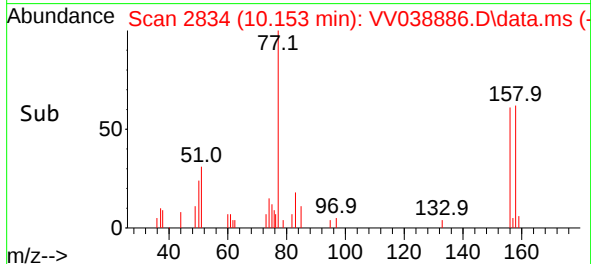
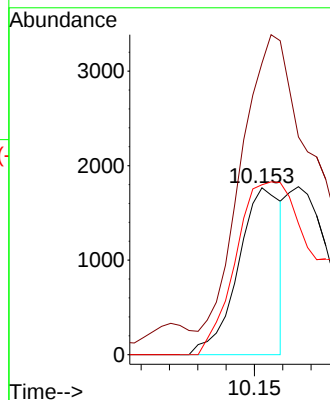
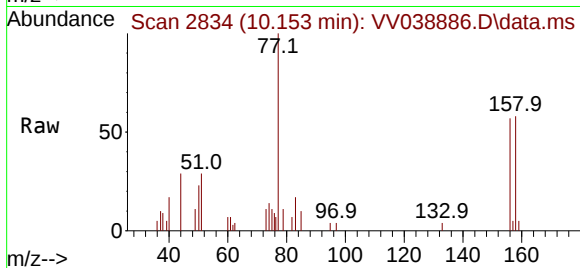
Tgt Ion:156 Resp: 1842

Ion Ratio Lower Upper

156 100

77 306.6 77.2 231.6#

158 203.1 48.4 145.3#



#78

n-propylbenzene

Concen: 0.844 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.007 min

Lab File: VV038886.D

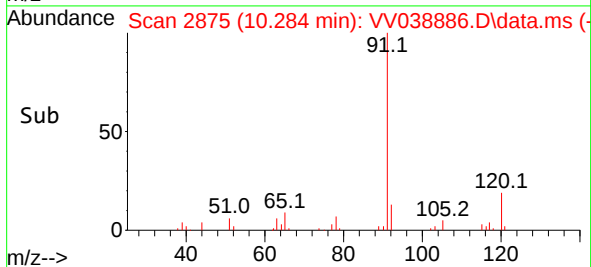
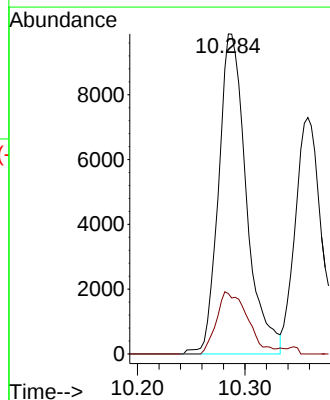
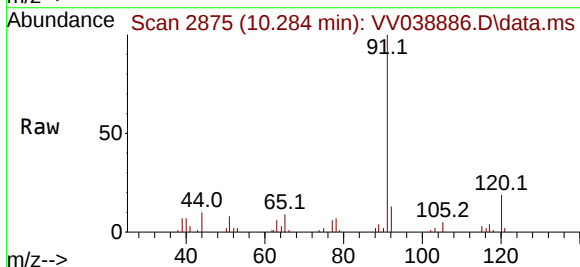
Acq: 11 Jul 2025 13:23

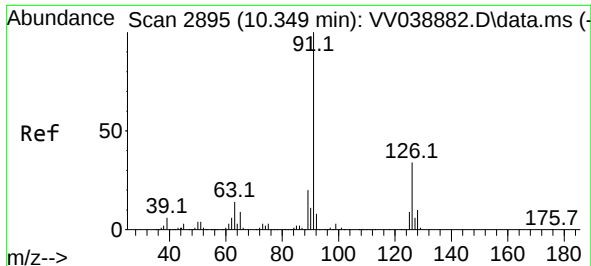
Tgt Ion: 91 Resp: 17775

Ion Ratio Lower Upper

91 100

120 21.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.934 ug/l

RT: 10.358 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

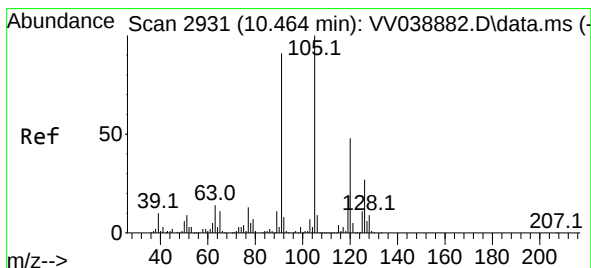
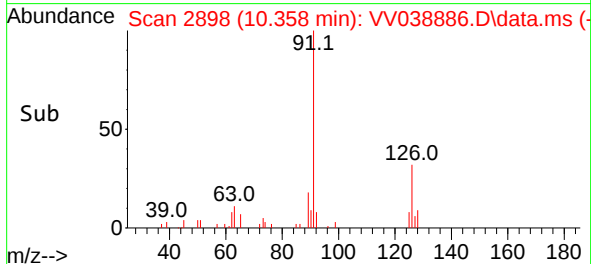
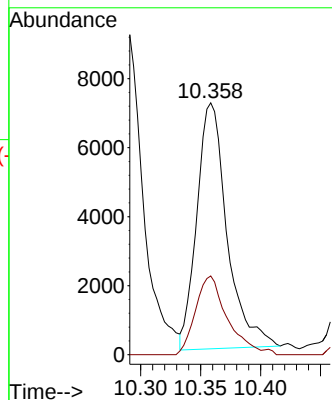
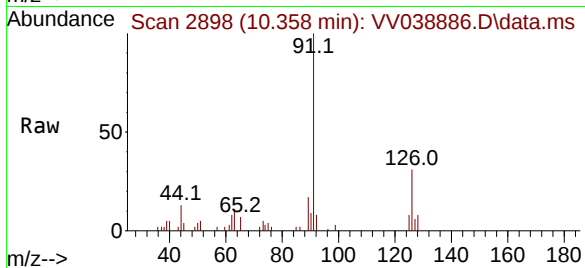
ClientSampleId :

Tgt Ion: 91 Resp: 12499

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 0.787 ug/l

RT: 10.474 min Scan# 2934

Delta R.T. 0.010 min

Lab File: VV038886.D

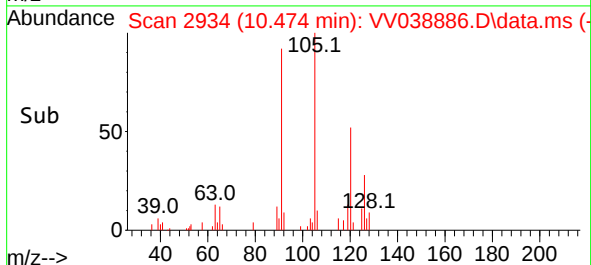
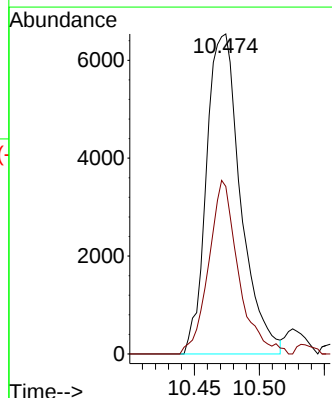
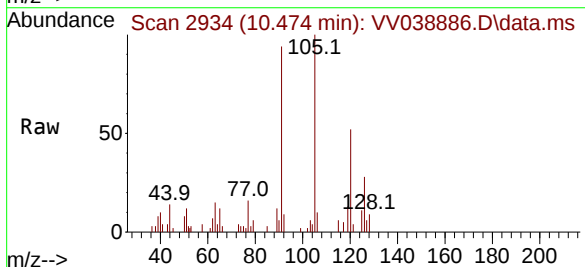
Acq: 11 Jul 2025 13:23

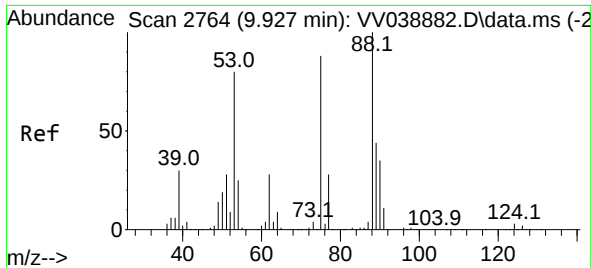
Tgt Ion: 105 Resp: 11958

Ion Ratio Lower Upper

105 100

120 47.1 24.0 72.0

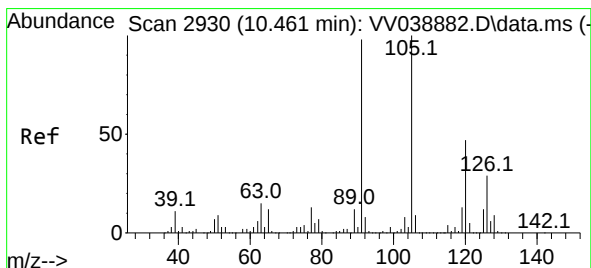
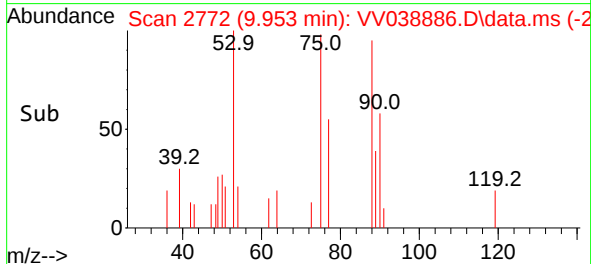
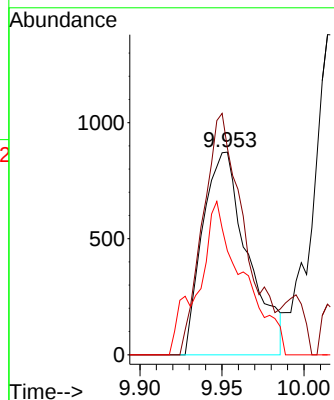
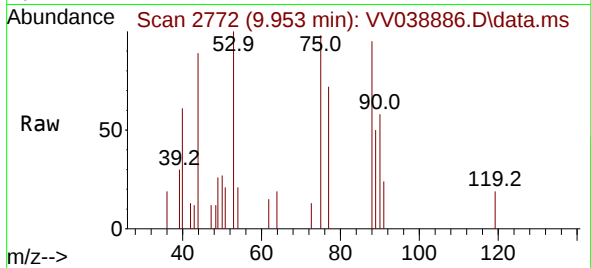




#81
trans-1,4-Dichloro-2-butene
Concen: 0.725 ug/l
RT: 9.953 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

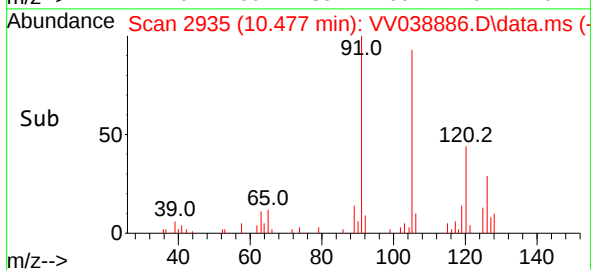
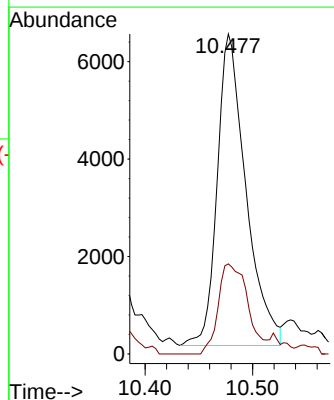
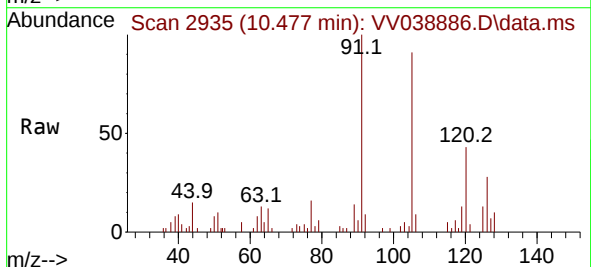
Instrument :
MSVOA_V
ClientSampleId :

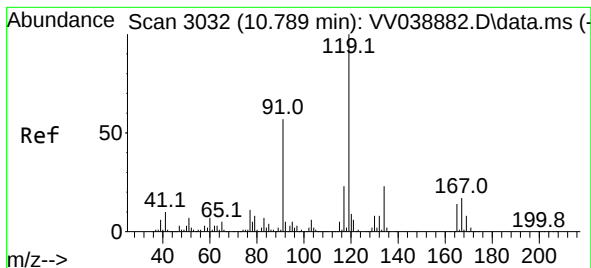
Tgt Ion: 75 Resp: 1666
Ion Ratio Lower Upper
75 100
53 109.7 71.3 106.9#
89 66.2 42.2 63.2#



#82
4-Chlorotoluene
Concen: 0.793 ug/l
RT: 10.477 min Scan# 2935
Delta R.T. 0.016 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion: 91 Resp: 11865
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.847 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :

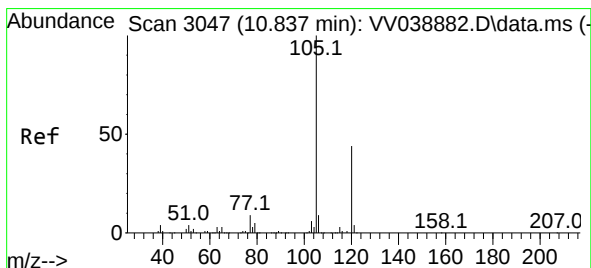
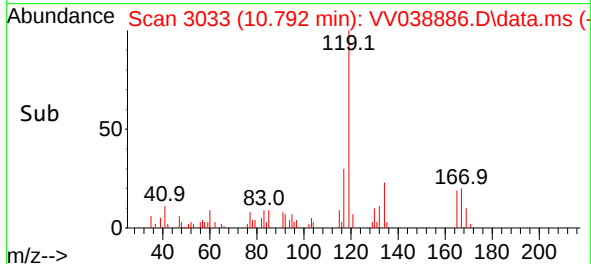
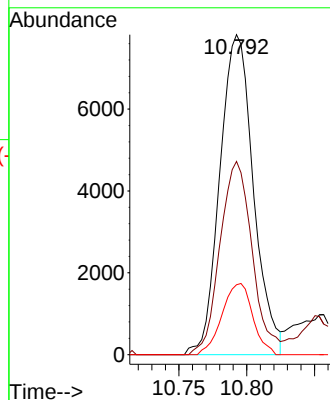
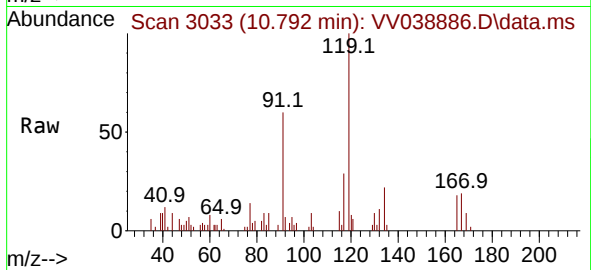
Tgt Ion:119 Resp: 13485

Ion Ratio Lower Upper

119 100

91 57.8 28.1 84.2

134 20.3 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 0.792 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV038886.D

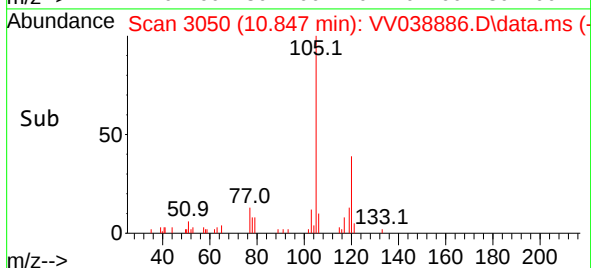
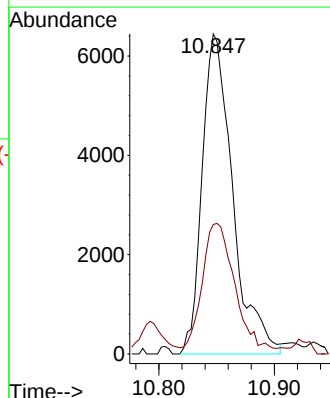
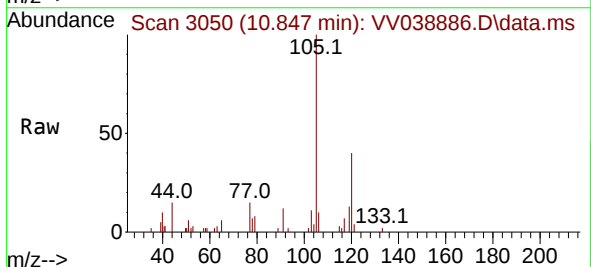
Acq: 11 Jul 2025 13:23

Tgt Ion:105 Resp: 11839

Ion Ratio Lower Upper

105 100

120 44.6 22.6 67.8





#85

sec-Butylbenzene

Concen: 0.809 ug/l

RT: 11.018 min Scan# 3101

Delta R.T. 0.007 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

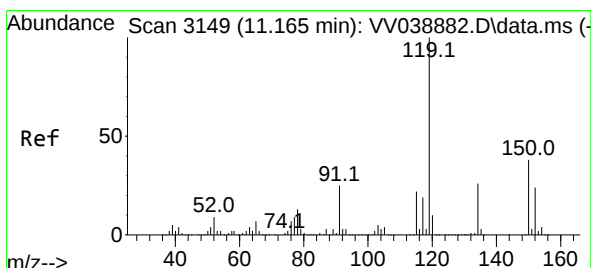
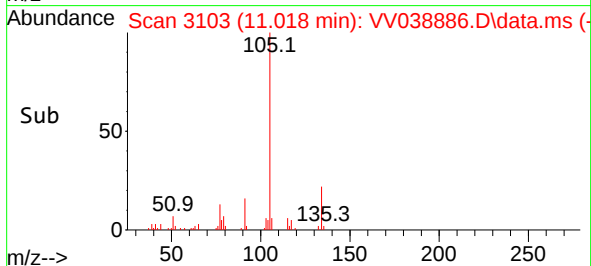
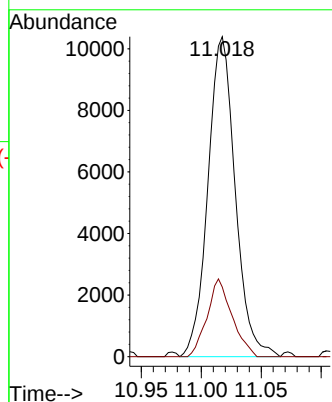
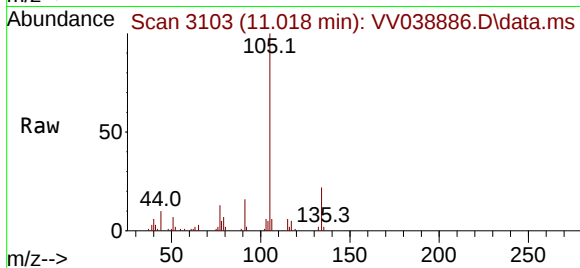
ClientSampleId :

Tgt Ion:105 Resp: 16445

Ion Ratio Lower Upper

105 100

134 22.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 0.863 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.007 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

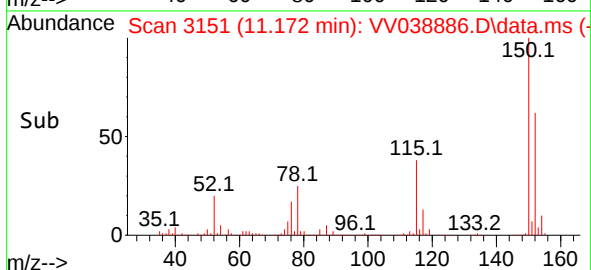
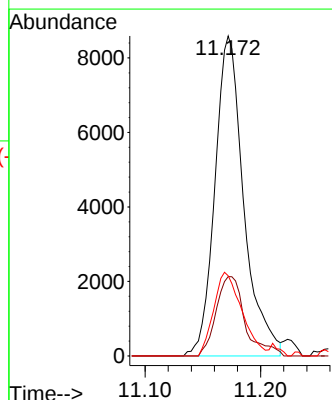
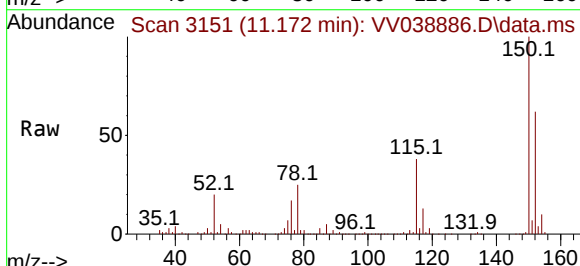
Tgt Ion:119 Resp: 14892

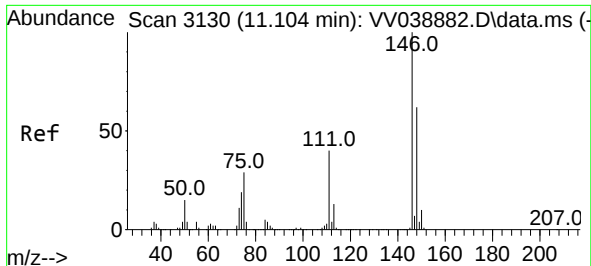
Ion Ratio Lower Upper

119 100

134 24.8 13.1 39.3

91 25.5 12.3 36.8

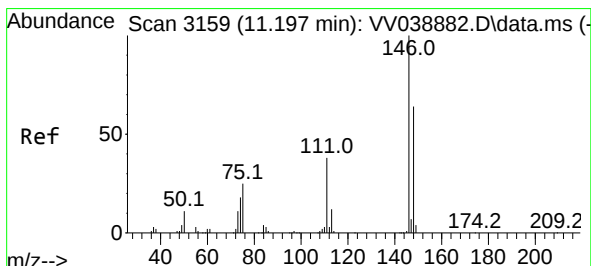
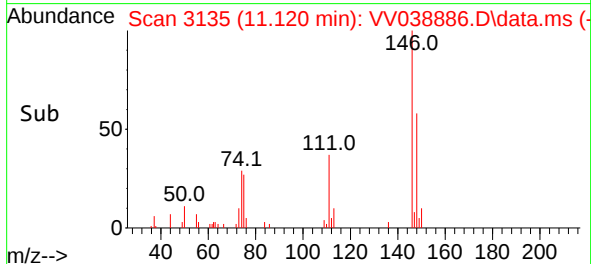
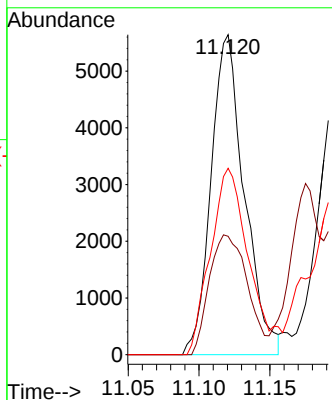
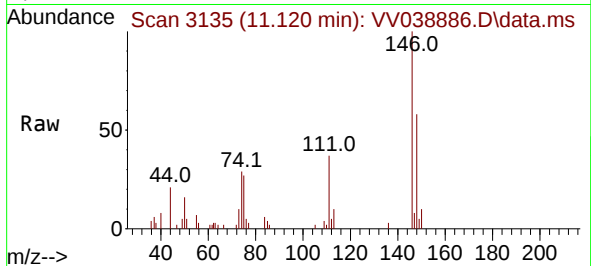




#87
1,3-Dichlorobenzene
Concen: 0.955 ug/l
RT: 11.120 min Scan# 3135
Delta R.T. 0.016 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

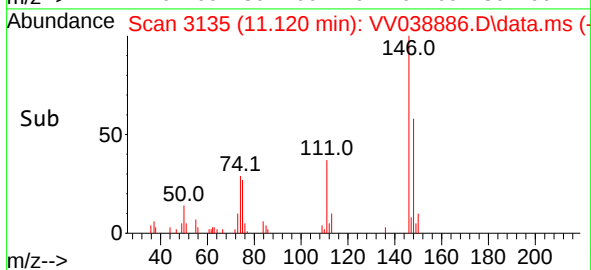
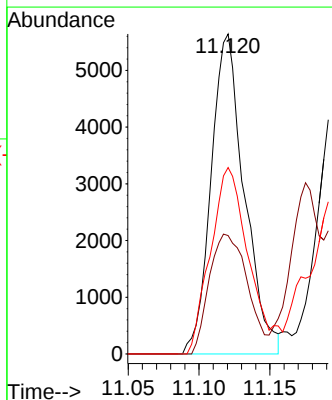
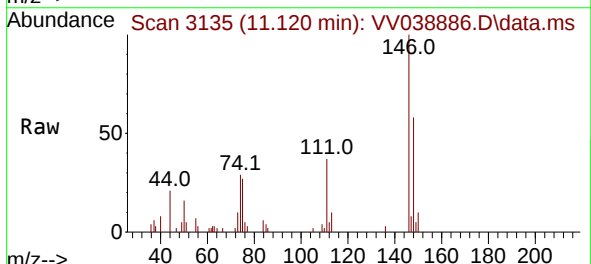
Instrument :
MSVOA_V
ClientSampleId :

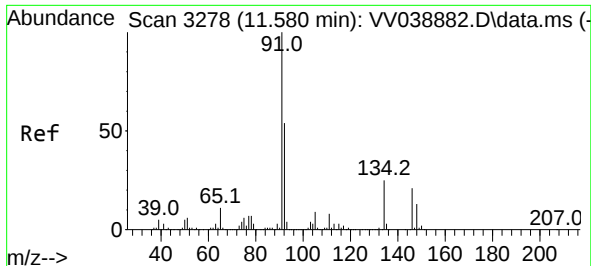
Tgt Ion:146 Resp: 9206
Ion Ratio Lower Upper
146 100
111 43.5 20.2 60.5
148 66.9 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 0.878 ug/l
RT: 11.120 min Scan# 3135
Delta R.T. -0.077 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion:146 Resp: 9206
Ion Ratio Lower Upper
146 100
111 43.5 19.8 59.3
148 66.9 32.1 96.5





#89

n-Butylbenzene

Concen: 0.840 ug/l

RT: 11.590 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :

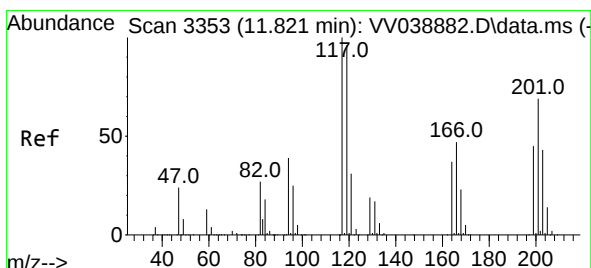
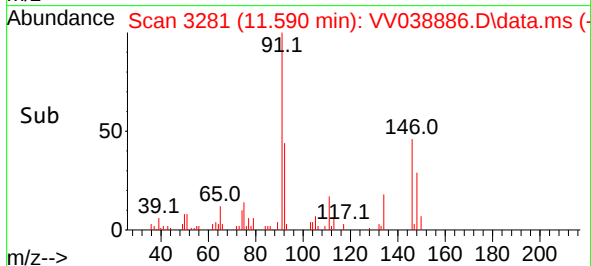
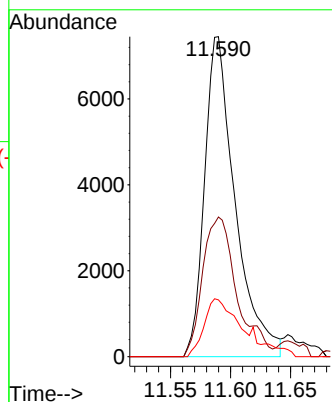
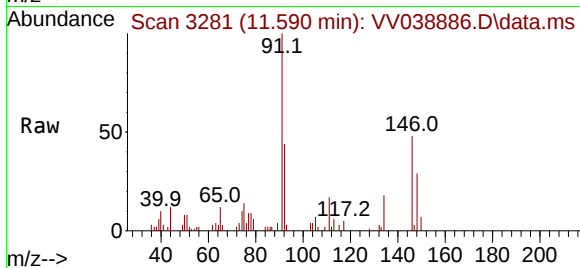
Tgt Ion: 91 Resp: 13239

Ion Ratio Lower Upper

91 100

92 48.7 26.7 80.1

134 23.4 12.7 38.1



#90

Hexachloroethane

Concen: 1.094 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.003 min

Lab File: VV038886.D

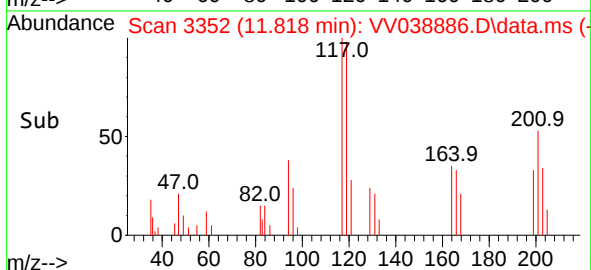
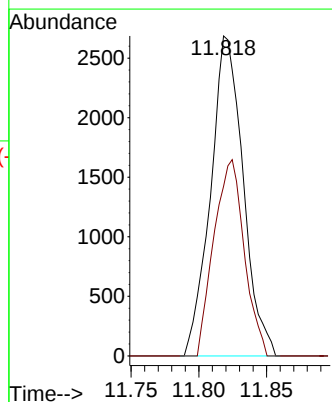
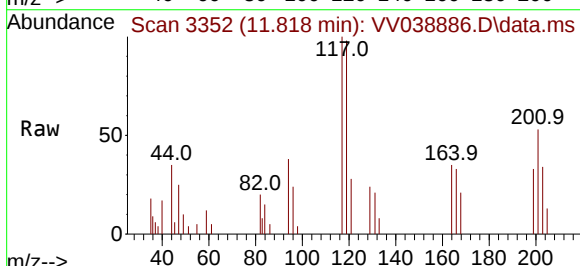
Acq: 11 Jul 2025 13:23

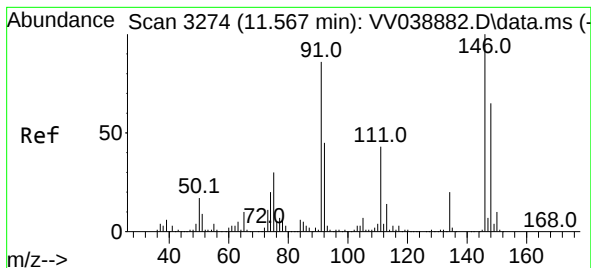
Tgt Ion: 117 Resp: 4490

Ion Ratio Lower Upper

117 100

201 56.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 0.928 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

Instrument :

MSVOA_V

ClientSampleId :

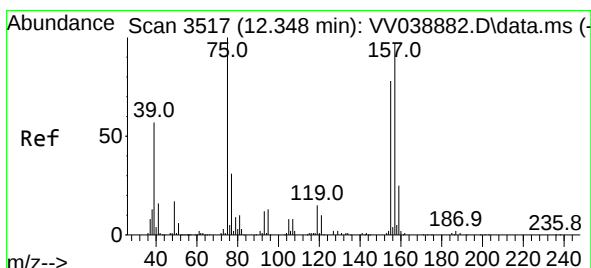
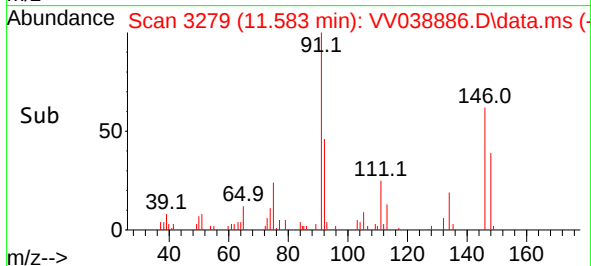
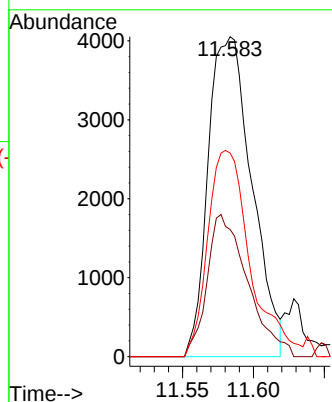
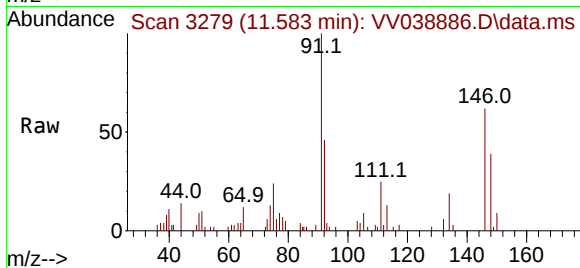
Tgt Ion:146 Resp: 8689

Ion Ratio Lower Upper

146 100

111 41.3 21.4 64.3

148 62.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.538 ug/l

RT: 12.358 min Scan# 3520

Delta R.T. 0.010 min

Lab File: VV038886.D

Acq: 11 Jul 2025 13:23

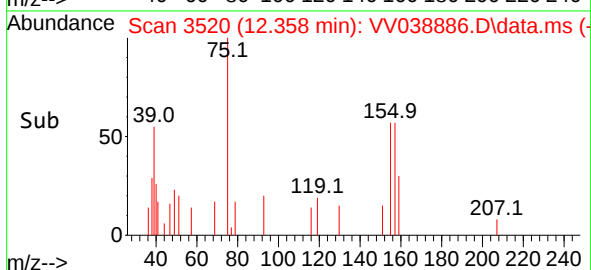
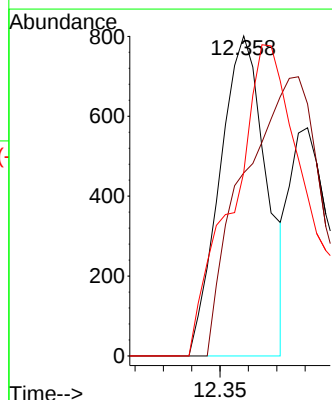
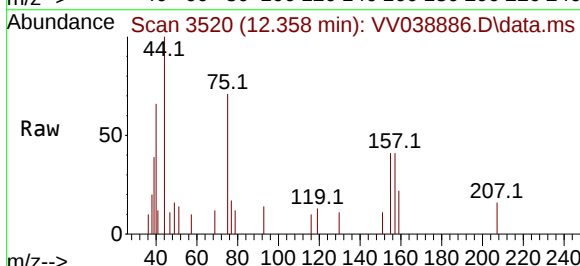
Tgt Ion: 75 Resp: 917

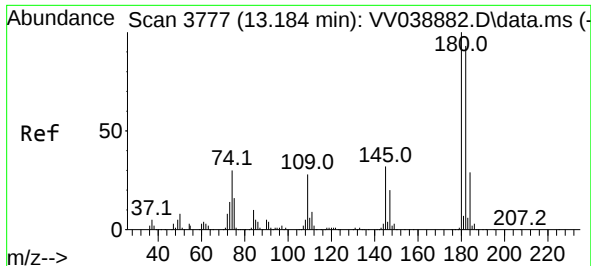
Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

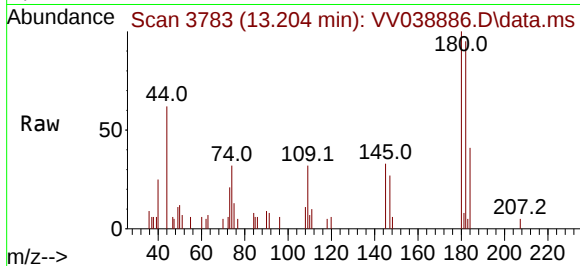
157 159.9 51.1 153.3#



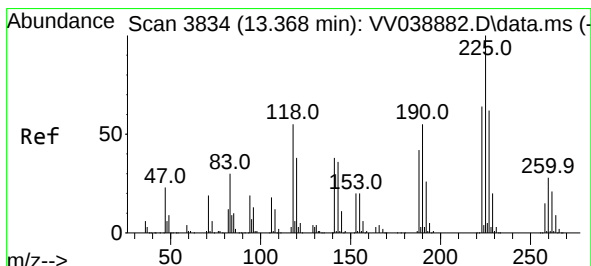
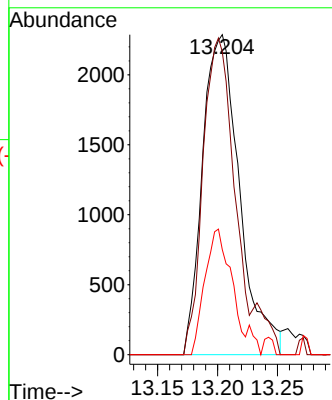
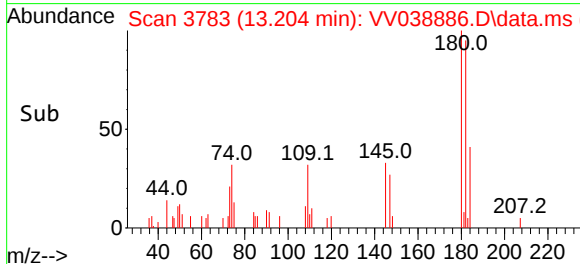


#93
 1,2,4-Trichlorobenzene
 Concen: 0.889 ug/l
 RT: 13.204 min Scan# 31
 Delta R.T. 0.020 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23

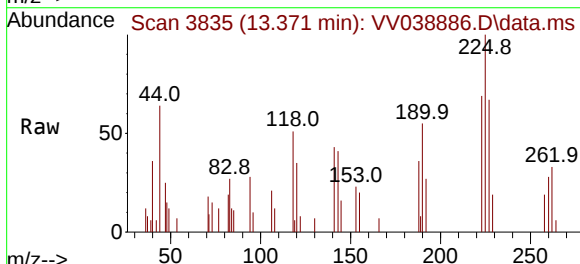
Instrument :
 MSVOA_V
 ClientSampleId :



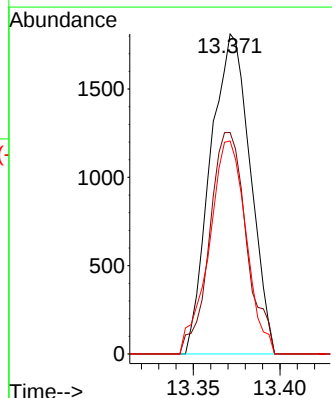
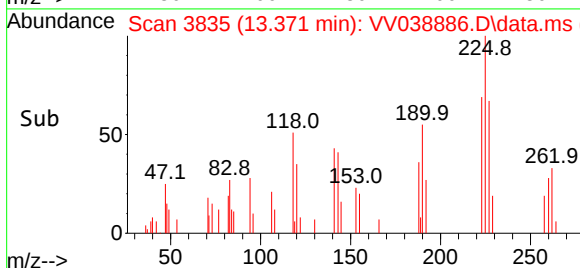
Tgt Ion:180 Resp: 4912
 Ion Ratio Lower Upper
 180 100
 182 82.8 47.4 142.3
 145 27.9 16.2 48.6

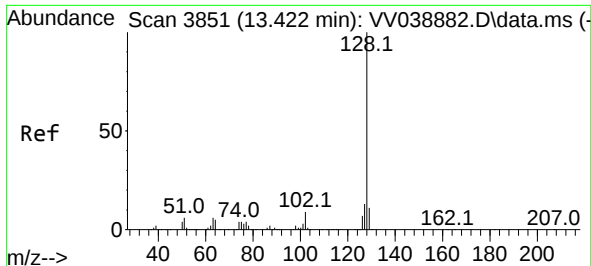


#94
 Hexachlorobutadiene
 Concen: 1.017 ug/l
 RT: 13.371 min Scan# 3835
 Delta R.T. 0.003 min
 Lab File: VV038886.D
 Acq: 11 Jul 2025 13:23



Tgt Ion:225 Resp: 2893
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.4 97.2
 227 61.7 31.3 93.9

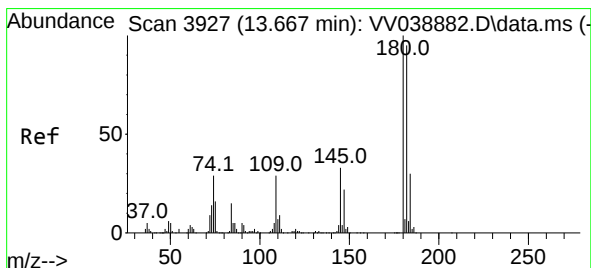
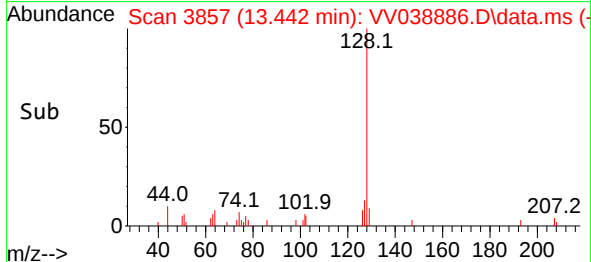
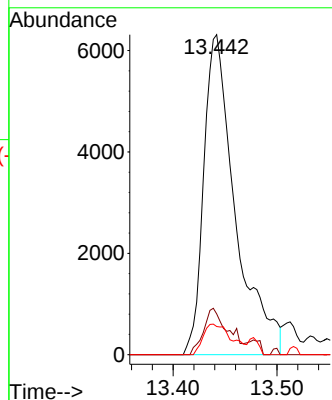
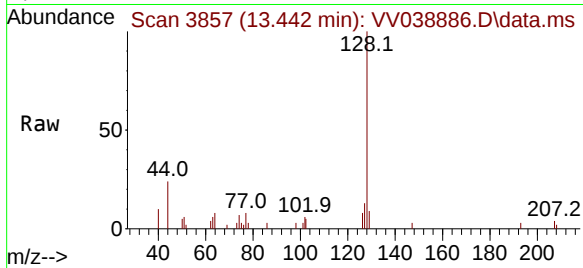




#95
Naphthalene
Concen: 0.730 ug/l
RT: 13.442 min Scan# 3857
Delta R.T. 0.020 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	13347
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.5 15.7
129	8.7	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.841 ug/l
RT: 13.673 min Scan# 3929
Delta R.T. 0.007 min
Lab File: VV038886.D
Acq: 11 Jul 2025 13:23

Tgt Ion:180	Resp:	4817
Ion Ratio	Lower	Upper
180	100	
182	105.1	47.0 141.2
145	44.1	17.0 51.0

