

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038888.D
 Acq On : 11 Jul 2025 16:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 06:33:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:27:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	474140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	751281	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	722099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	430961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	263609	45.503	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.000%
35) Dibromofluoromethane	4.503	113	246146	48.054	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.100%
50) Toluene-d8	7.236	98	728032	47.021	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.040%
62) 4-Bromofluorobenzene	10.001	95	322856	51.763	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	174973	41.999	ug/l	99
3) Chloromethane	1.230	50	183235	40.730	ug/l	99
4) Vinyl Chloride	1.298	62	220474	42.818	ug/l	99
5) Bromomethane	1.487	94	161289	55.059	ug/l	96
6) Chloroethane	1.555	64	156536	45.483	ug/l	97
7) Trichlorofluoromethane	1.725	101	412556	45.284	ug/l	98
8) Diethyl Ether	1.918	74	158522	48.385	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	248001	45.525	ug/l	99
10) Methyl Iodide	2.195	142	307635	49.189	ug/l	99
11) Tert butyl alcohol	2.574	59	351695	263.691	ug/l	100
12) 1,1-Dichloroethene	2.082	96	218993	44.119	ug/l	99
13) Acrolein	2.011	56	50521	261.935	ug/l	97
14) Allyl chloride	2.359	41	375431	47.476	ug/l	99
15) Acrylonitrile	2.674	53	856692	251.005	ug/l	99
16) Acetone	2.121	43	692508	276.248	ug/l	97
17) Carbon Disulfide	2.252	76	400150	50.475	ug/l	100
18) Methyl Acetate	2.378	43	475194	56.027	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	933624	50.166	ug/l	100
20) Methylene Chloride	2.455	84	276428	43.466	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	233384	44.190	ug/l	97
22) Diisopropyl ether	3.217	45	833219	52.732	ug/l	95
23) Vinyl Acetate	3.188	43	3246102	262.006	ug/l	100
24) 1,1-Dichloroethane	3.117	63	497244	48.052	ug/l	99
25) 2-Butanone	3.867	43	1022672	284.623	ug/l	99
26) 2,2-Dichloropropane	3.812	77	443359	48.937	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	300188	49.499	ug/l	99
28) Bromochloromethane	4.146	49	208021	51.936	ug/l	99
29) Tetrahydrofuran	4.236	42	652556	275.559	ug/l	99
30) Chloroform	4.278	83	548702	48.096	ug/l	98
31) Cyclohexane	4.580	56	305145	44.926	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	470579	47.275	ug/l	99
36) 1,1-Dichloropropene	4.744	75	299602	50.894	ug/l	99
37) Ethyl Acetate	3.976	43	375675	54.202	ug/l	98
38) Carbon Tetrachloride	4.735	117	379922	48.586	ug/l	99
39) Methylcyclohexane	6.047	83	329046	47.372	ug/l	98
40) Benzene	5.008	78	1014759	50.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	182254	57.296	ug/l	98
42) 1,2-Dichloroethane	5.040	62	378392	49.745	ug/l	100
43) Isopropyl Acetate	5.194	43	592042	54.011	ug/l	99
44) Trichloroethene	5.831	130	250881	48.111	ug/l	96
45) 1,2-Dichloropropane	6.088	63	274741	52.118	ug/l	100
46) Dibromomethane	6.227	93	204368	50.106	ug/l	100
47) Bromodichloromethane	6.426	83	439799	50.808	ug/l	98
48) Methyl methacrylate	6.297	41	279981	58.854	ug/l	100
49) 1,4-Dioxane	6.288	88	123120	1201.204	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	2162008	289.661	ug/l	99
52) Toluene	7.307	92	662368	52.688	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	422752	53.974	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	446690	52.758	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	306290	50.972	ug/l	97
56) Ethyl methacrylate	7.715	69	432999	60.639	ug/l	99
57) 1,3-Dichloropropane	7.934	76	478234	53.079	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	1365210	261.027	ug/l	100
59) 2-Hexanone	8.063	43	1609890	289.747	ug/l	99
60) Dibromochloromethane	8.169	129	366611	51.808	ug/l	97
61) 1,2-Dibromoethane	8.275	107	317016	52.367	ug/l	96
64) Tetrachloroethene	7.899	164	220255	46.509	ug/l	96
65) Chlorobenzene	8.805	112	781716	49.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	308319	49.000	ug/l	99
67) Ethyl Benzene	8.937	91	1296395	55.334	ug/l	100
68) m/p-Xylenes	9.063	106	1035655	113.540	ug/l	100
69) o-Xylene	9.468	106	493786	57.355	ug/l	97
70) Styrene	9.487	104	900247	59.164	ug/l	99
71) Bromoform	9.654	173	265017	51.817	ug/l	96
73) Isopropylbenzene	9.857	105	1381009	53.630	ug/l	99
74) N-amyl acetate	9.725	43	540051	57.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	528739	49.021	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	391184	48.821	ug/l	82
77) Bromobenzene	10.140	156	334620	49.538	ug/l	99
78) n-propylbenzene	10.278	91	1645898	54.688	ug/l	100
79) 2-Chlorotoluene	10.349	91	986607	51.547	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1199634	55.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	175408	53.422	ug/l	96
82) 4-Chlorotoluene	10.461	91	1176119	54.971	ug/l	99
83) tert-Butylbenzene	10.789	119	1244815	54.676	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1201952	56.252	ug/l	100
85) sec-Butylbenzene	11.014	105	1590453	54.734	ug/l	99
86) p-Isopropyltoluene	11.165	119	1350553	54.743	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	690811	50.103	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	704968	47.003	ug/l	99
89) n-Butylbenzene	11.580	91	1269559	56.370	ug/l	100
90) Hexachloroethane	11.821	117	274164	46.723	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	668017	49.910	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	119042	48.817	ug/l	93
93) 1,2,4-Trichlorobenzene	13.185	180	436228	55.214	ug/l	100
94) Hexachlorobutadiene	13.368	225	197869	48.633	ug/l	98
95) Naphthalene	13.422	128	1587259	61.147	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	457928	55.919	ug/l	99

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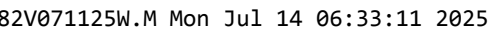
Instrument :
MSVOA_V
ClientSampleId :

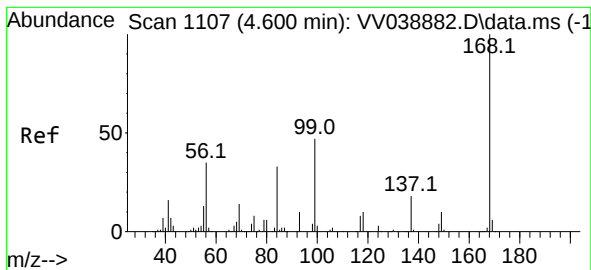
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 06:27:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038888.D

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Instrument :

MSVOA_V

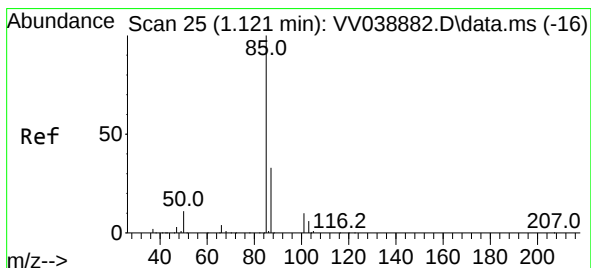
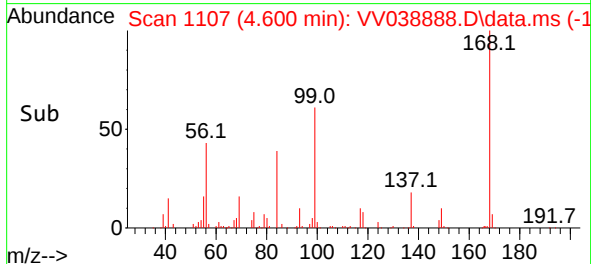
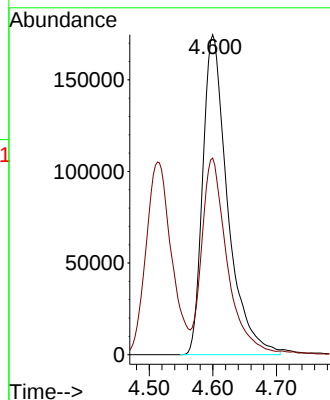
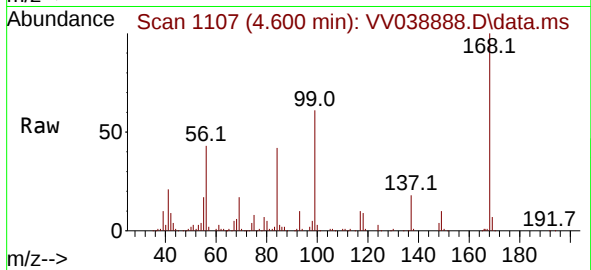
ClientSampleId :

Tgt Ion:168 Resp: 474140

Ion Ratio Lower Upper

168 100

99 60.3 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 41.999 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038888.D

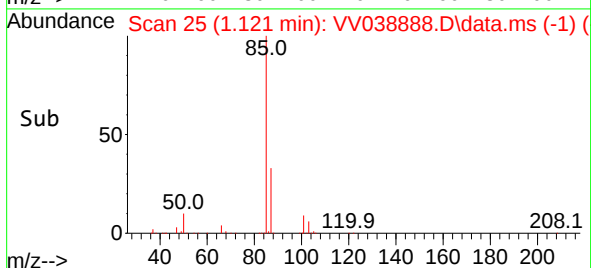
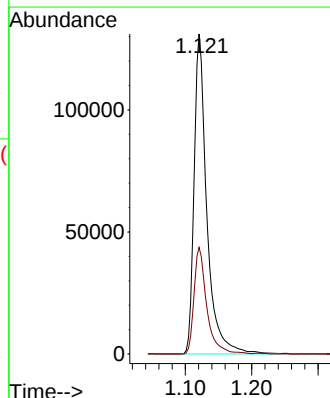
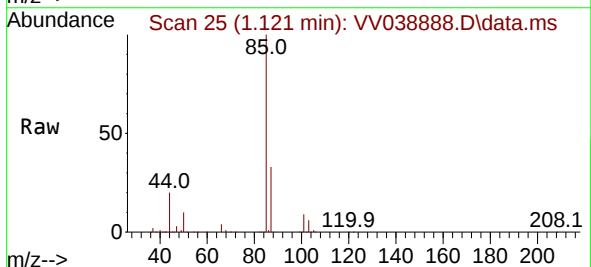
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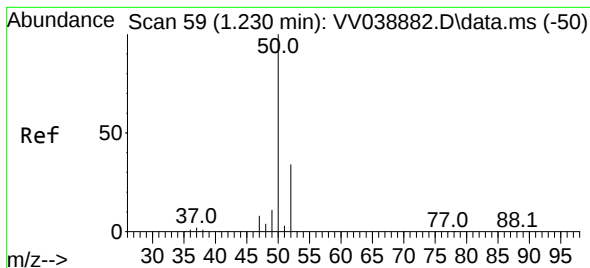
Tgt Ion: 85 Resp: 174973

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8





#3

Chloromethane

Concen: 40.730 ug/l

RT: 1.230 min Scan# 59

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

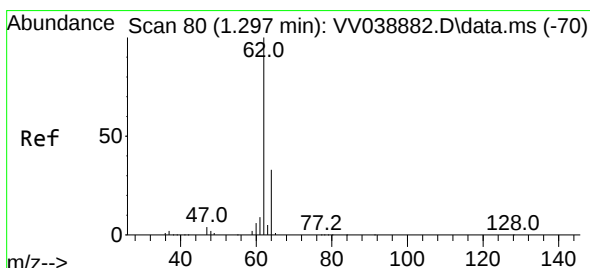
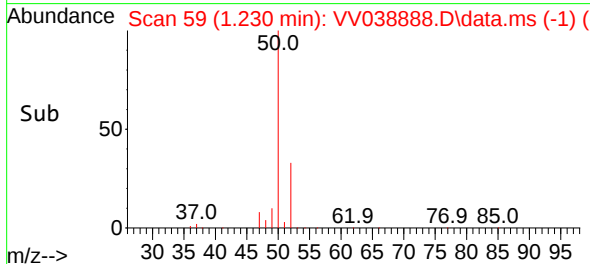
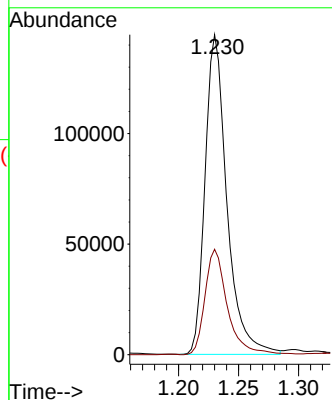
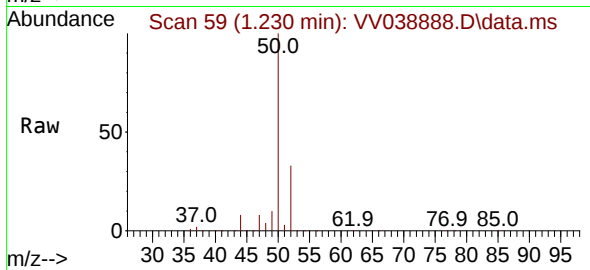
ClientSampleId :

Tgt Ion: 50 Resp: 183235

Ion Ratio Lower Upper

50 100

52 33.0 26.9 40.3



#4

Vinyl Chloride

Concen: 42.818 ug/l

RT: 1.298 min Scan# 80

Delta R.T. 0.001 min

Lab File: VV038888.D

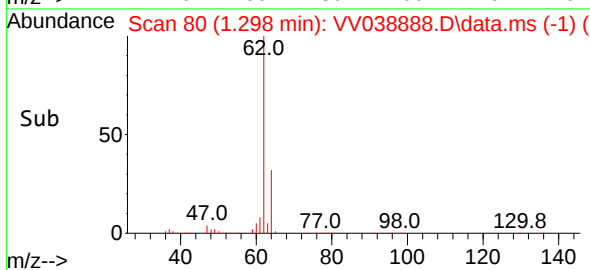
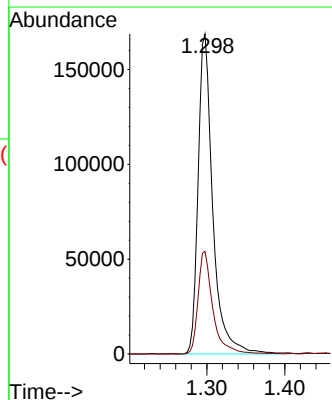
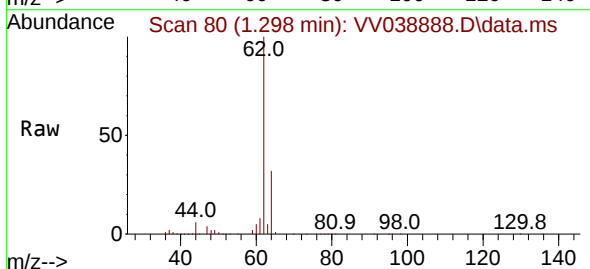
Acq: 11 Jul 2025 16:10

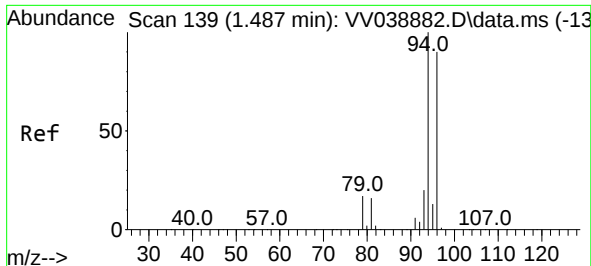
Tgt Ion: 62 Resp: 220474

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2

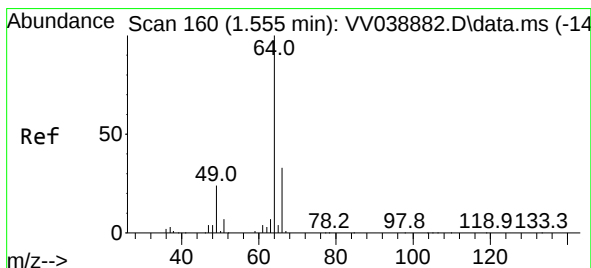
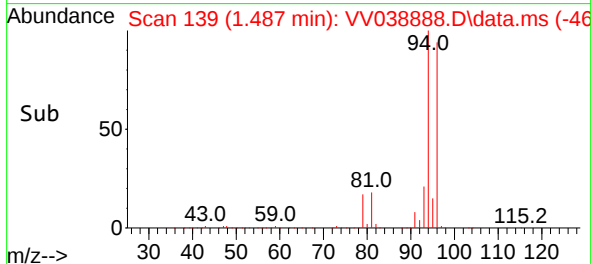
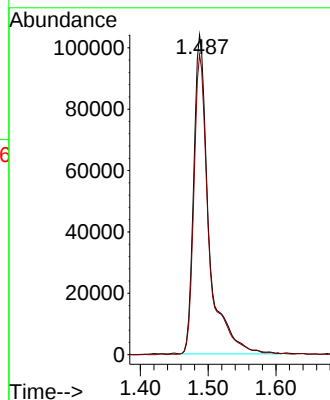
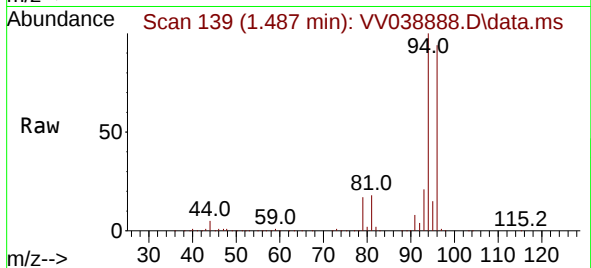




#5
Bromomethane
Concen: 55.059 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

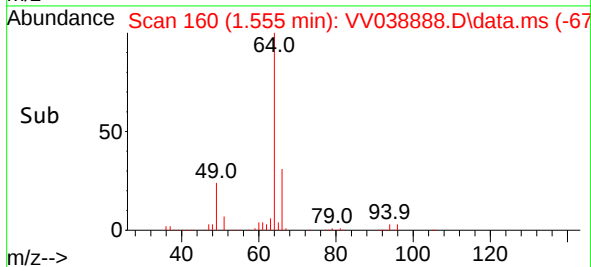
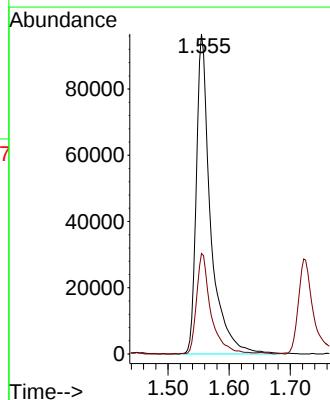
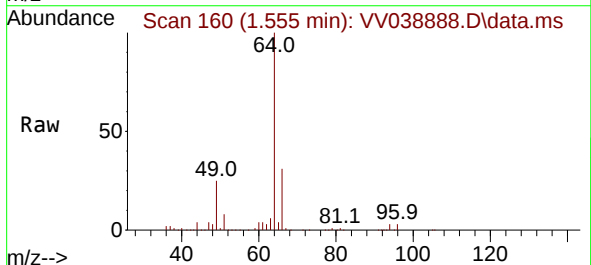
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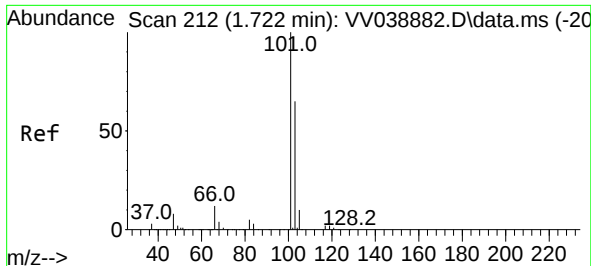
Tgt Ion: 94 Resp: 161289
Ion Ratio Lower Upper
94 100
96 93.8 71.9 107.9



#6
Chloroethane
Concen: 45.483 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 64 Resp: 156536
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2

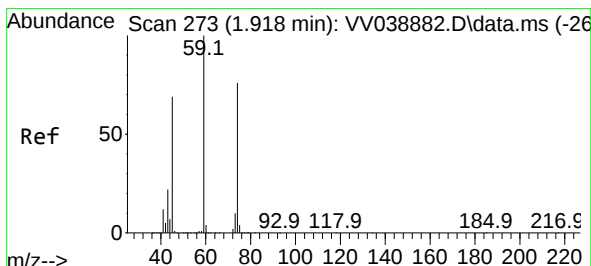
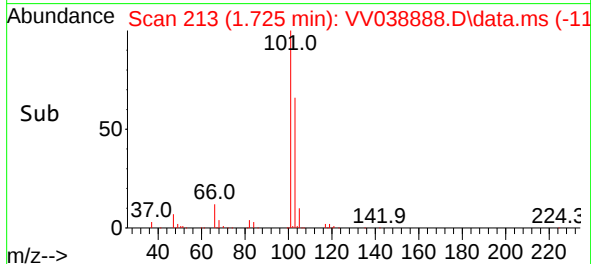
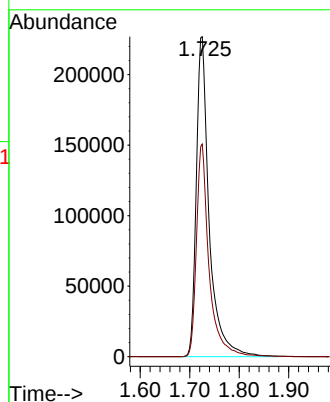
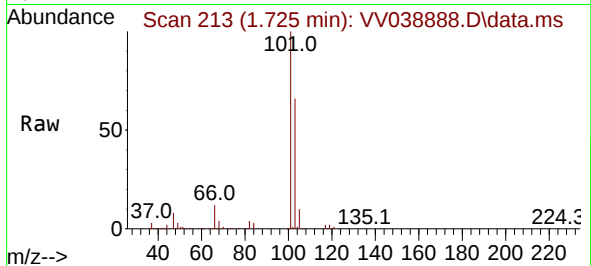




#7
 Trichlorofluoromethane
 Concen: 45.284 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038888.D
 Acq: 11 Jul 2025 16:10

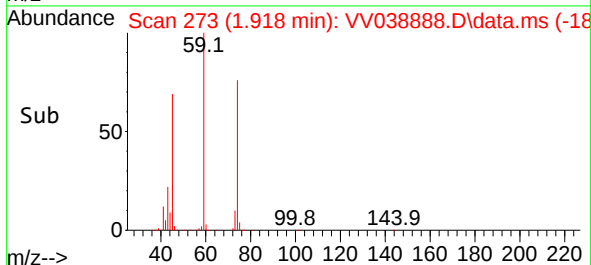
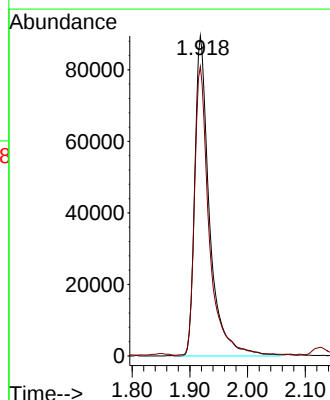
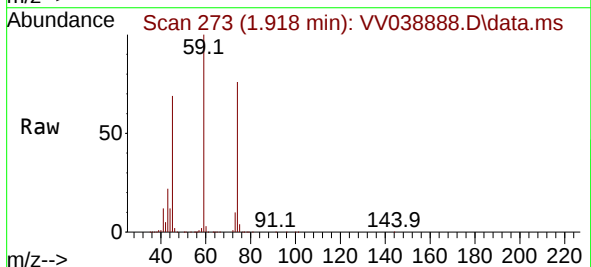
Instrument :
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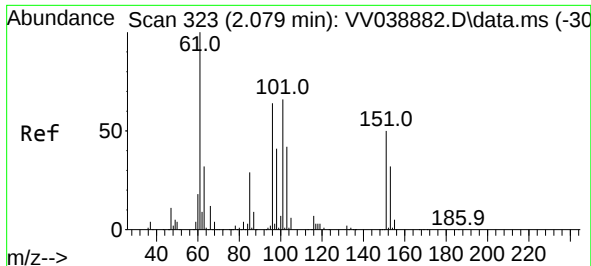
Tgt Ion:101 Resp: 412556
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.8 77.6



#8
 Diethyl Ether
 Concen: 48.385 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 158522
 Ion Ratio Lower Upper
 74 100
 45 89.7 45.5 136.5

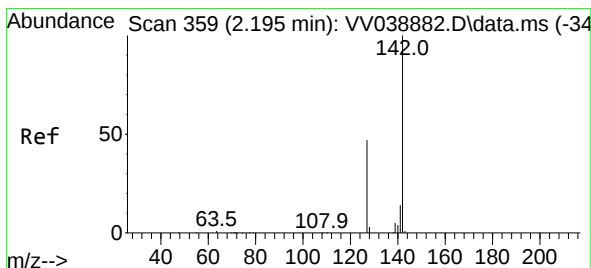
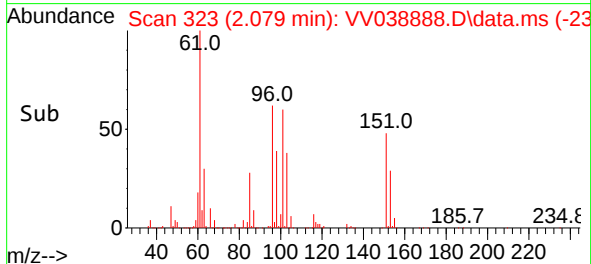
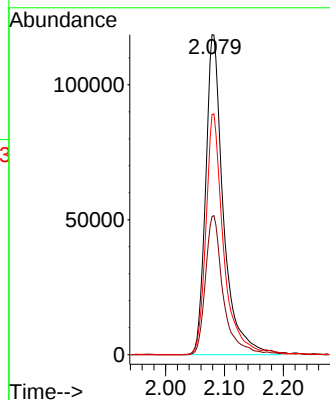
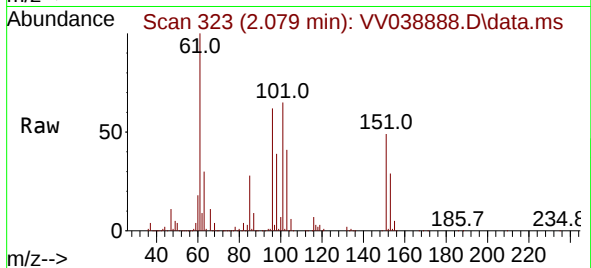




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.525 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

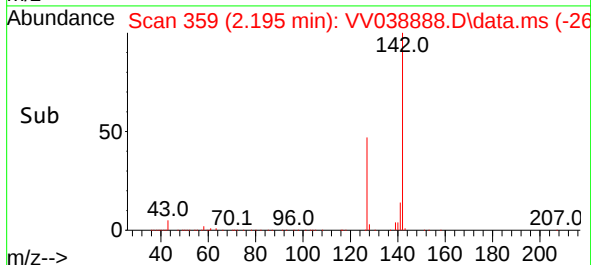
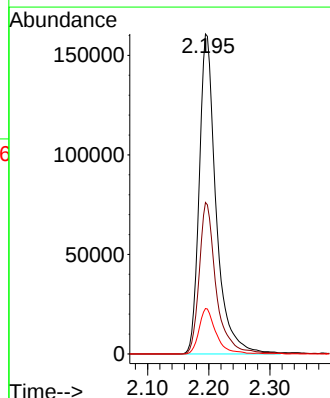
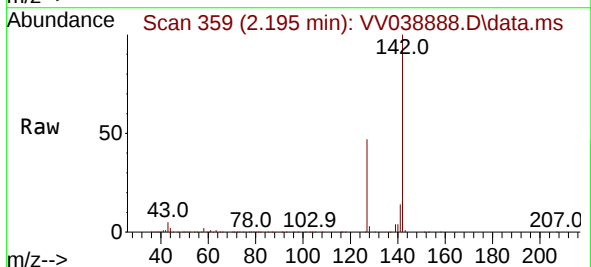
Instrument :
MSVOA_V
ClientSampleId :

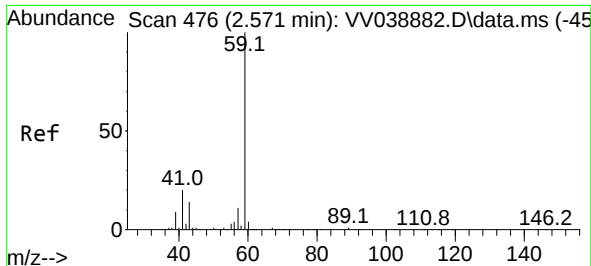
Tgt Ion:101 Resp: 248001
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.6
151 74.1 60.1 90.1



#10
Methyl Iodide
Concen: 49.189 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:142 Resp: 307635
Ion Ratio Lower Upper
142 100
127 47.3 37.3 55.9
141 14.2 11.2 16.8

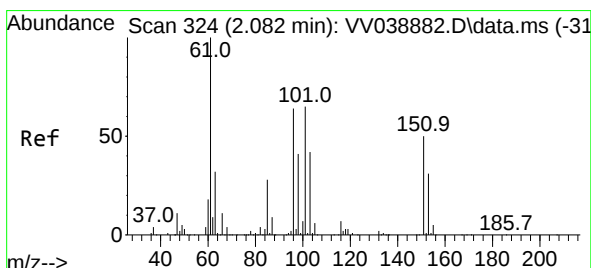
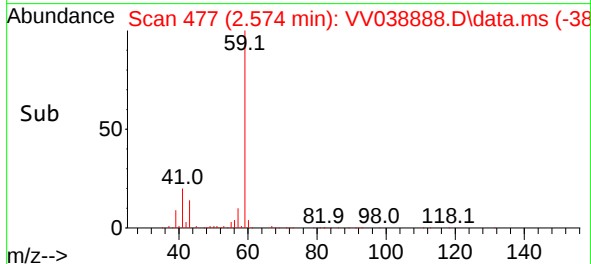
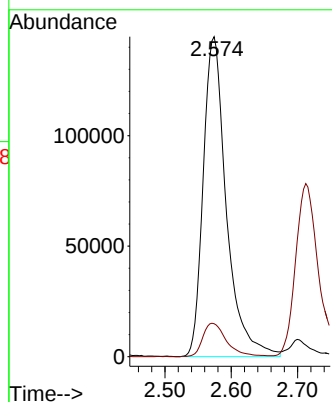
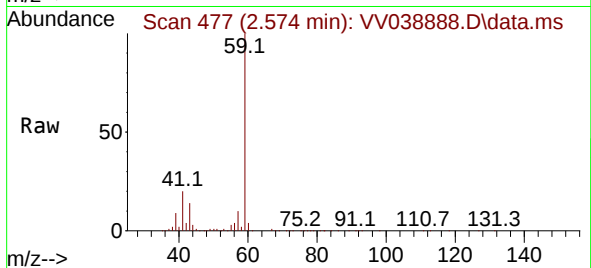




#11
Tert butyl alcohol
Concen: 263.691 ug/l
RT: 2.574 min Scan# 476
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

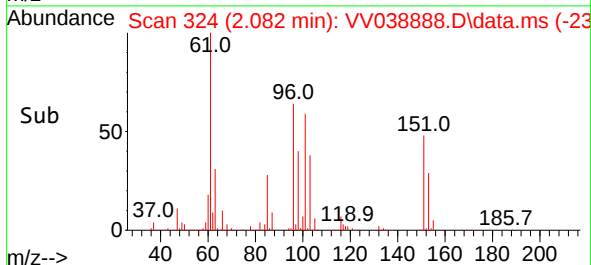
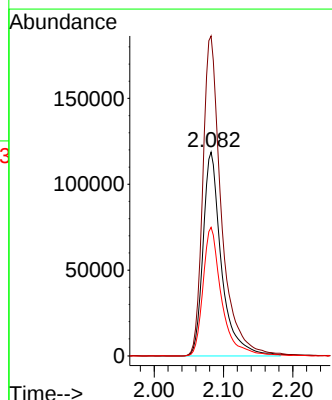
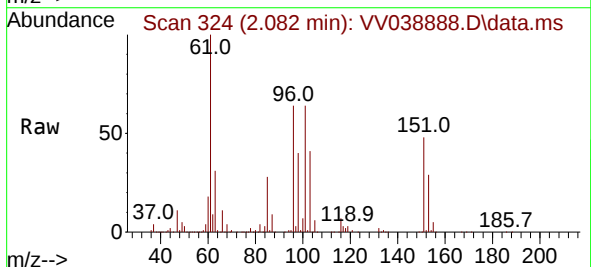
Instrument :
MSVOA_V
ClientSampleId :

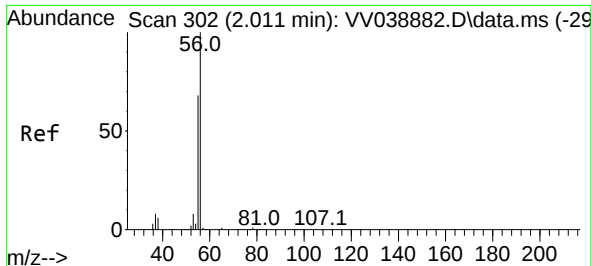
Tgt Ion: 59 Resp: 351695
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 44.119 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 96 Resp: 218993
Ion Ratio Lower Upper
96 100
61 157.0 124.1 186.1
98 63.1 50.6 75.8

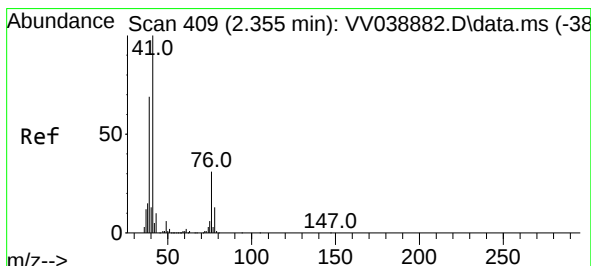
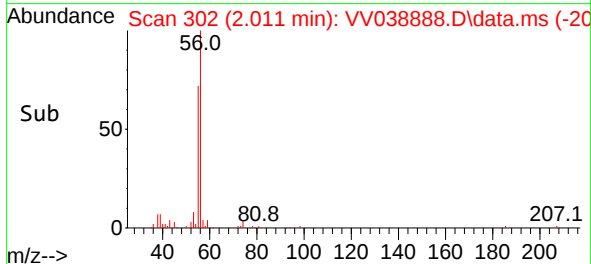
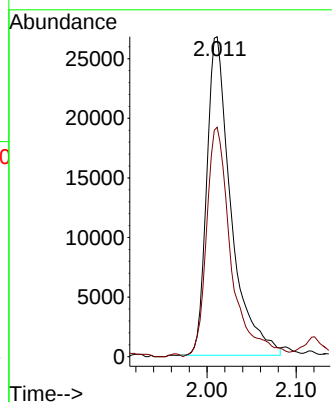
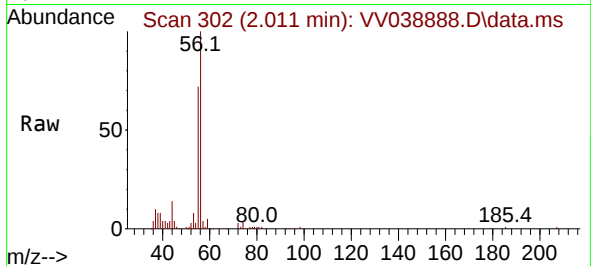




#13
Acrolein
Concen: 261.935 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

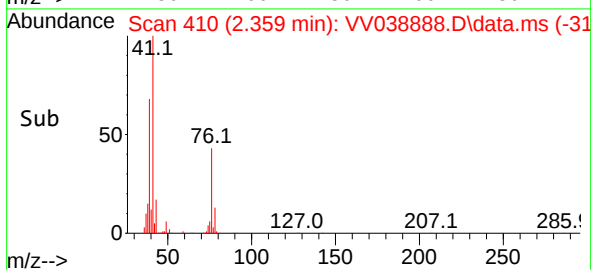
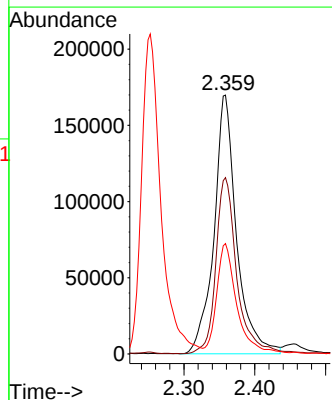
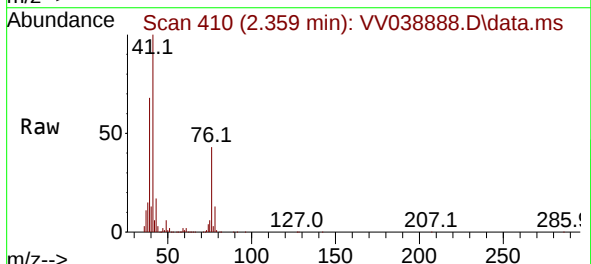
Instrument :
MSVOA_V
ClientSampleId :

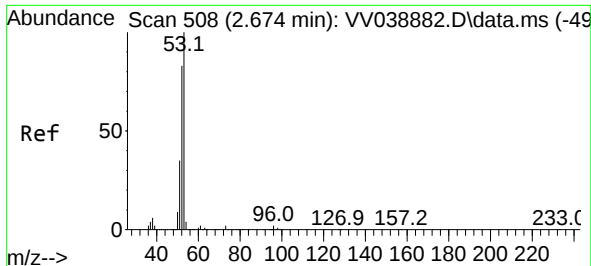
Tgt Ion: 56 Resp: 50521
Ion Ratio Lower Upper
56 100
55 73.3 56.7 85.1



#14
Allyl chloride
Concen: 47.476 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 41 Resp: 375431
Ion Ratio Lower Upper
41 100
39 63.5 50.6 76.0
76 37.0 30.4 45.6

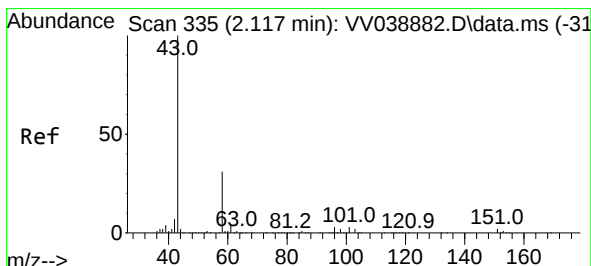
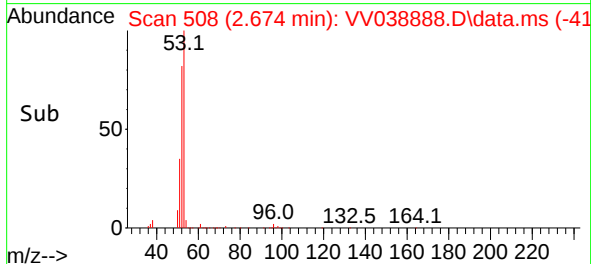
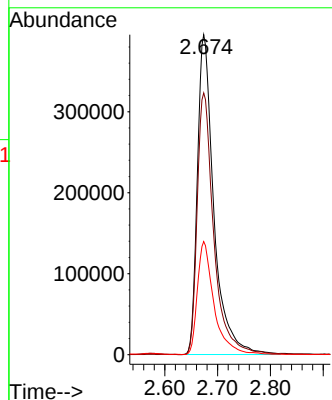
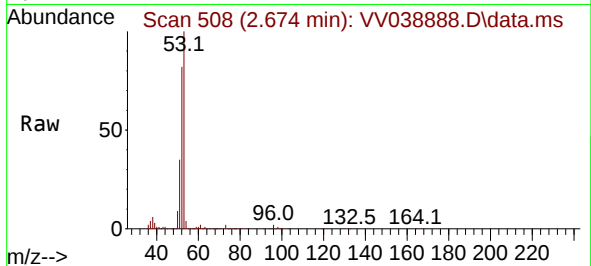




#15
Acrylonitrile
Concen: 251.005 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

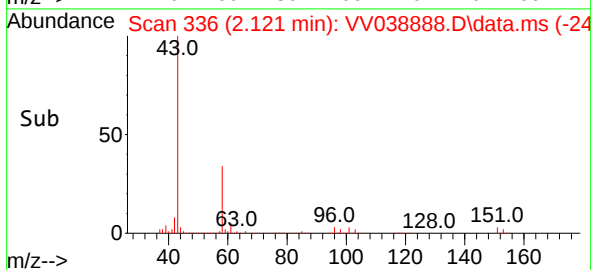
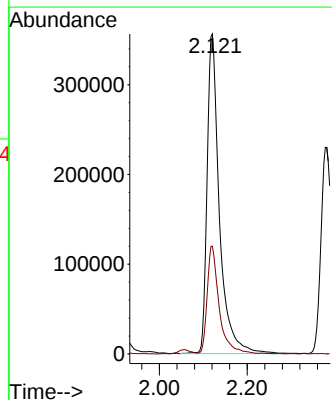
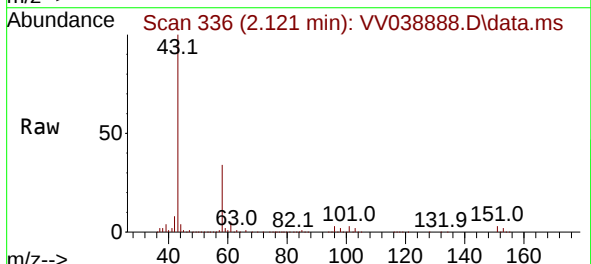
Instrument :
MSVOA_V
ClientSampleId :

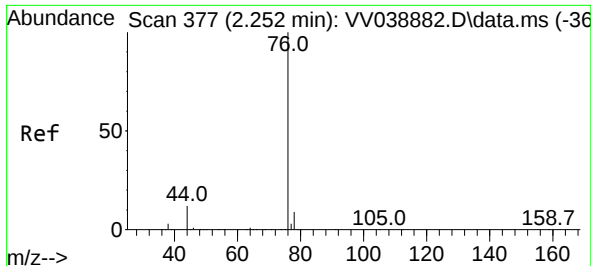
Tgt Ion: 53 Resp: 856692
Ion Ratio Lower Upper
53 100
52 82.7 66.6 99.8
51 35.6 28.7 43.1



#16
Acetone
Concen: 276.248 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 43 Resp: 692508
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.6

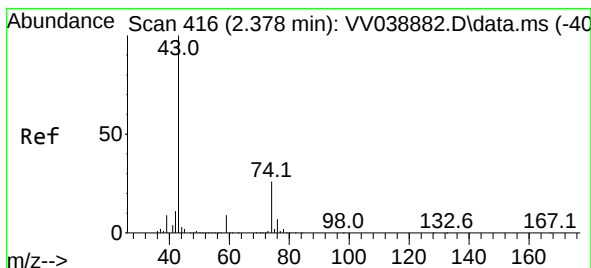
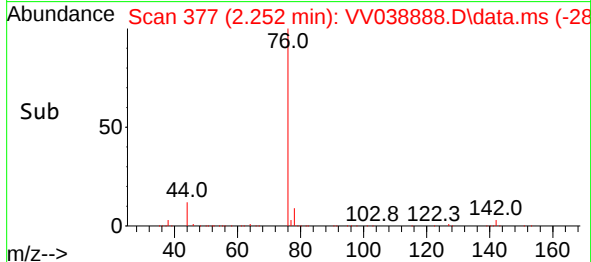
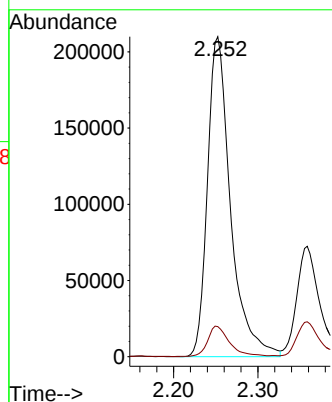
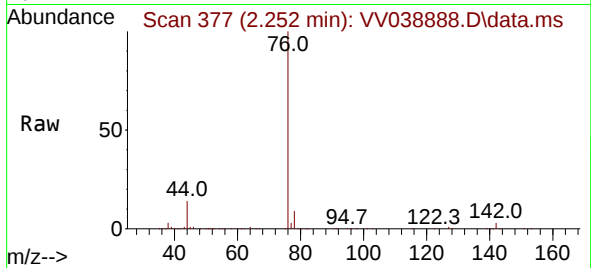




#17
Carbon Disulfide
Concen: 50.475 ug/l
RT: 2.252 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

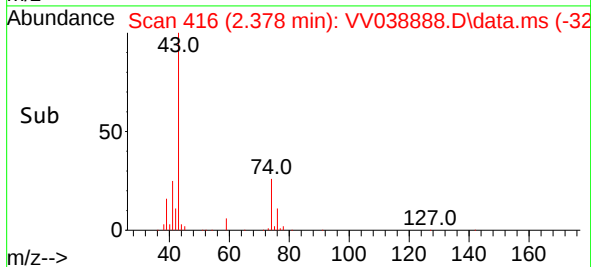
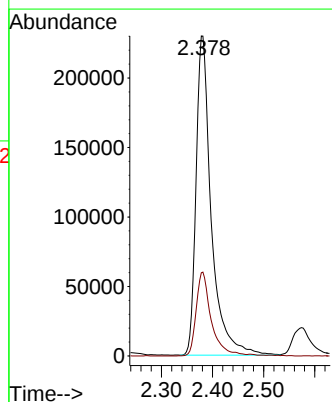
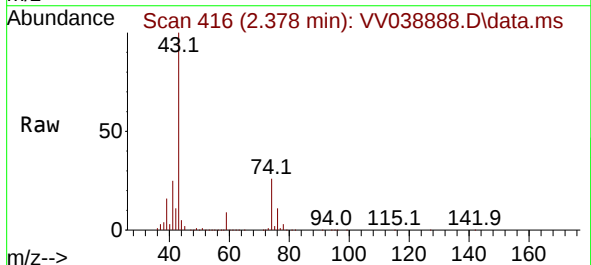
Instrument :
MSVOA_V
ClientSampleId :

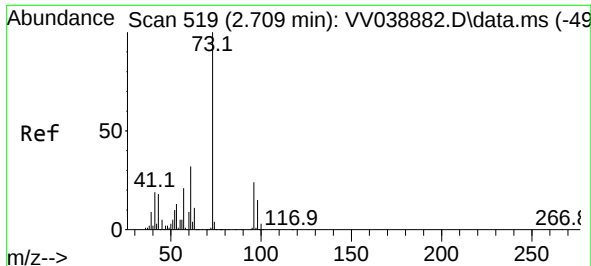
Tgt Ion: 76 Resp: 400150
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 56.027 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 43 Resp: 475194
Ion Ratio Lower Upper
43 100
74 25.9 21.1 31.7

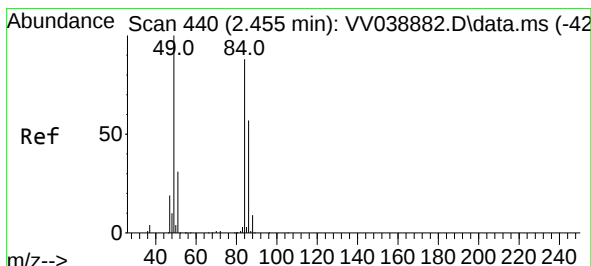
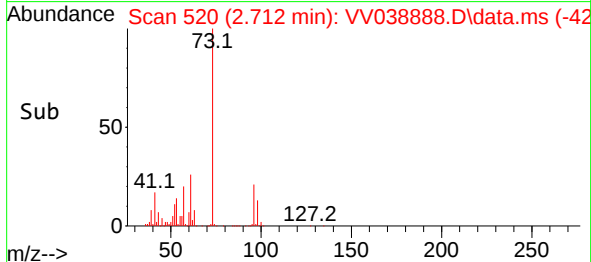
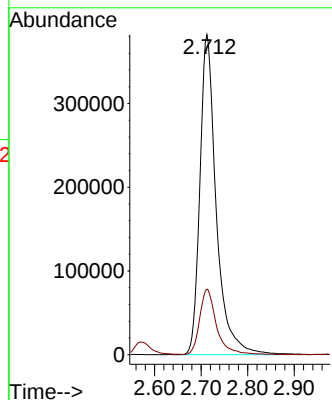
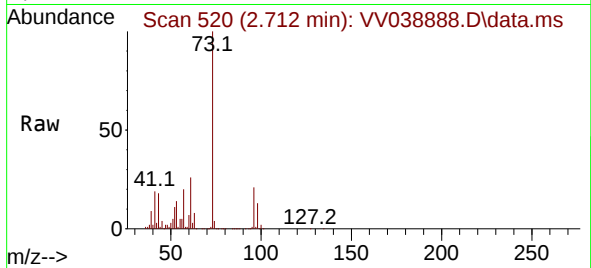




#19
Methyl tert-butyl Ether
Concen: 50.166 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

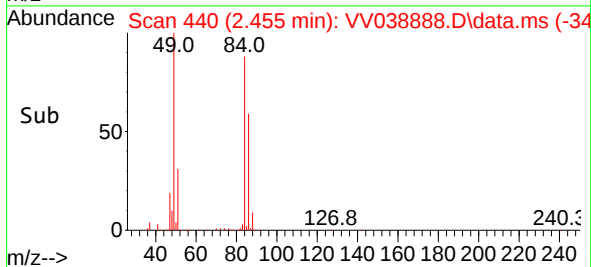
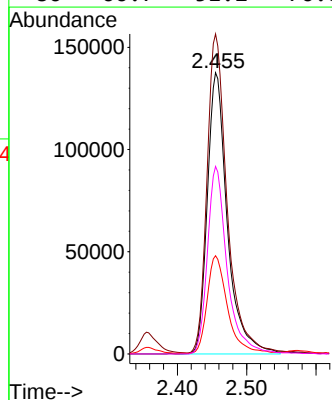
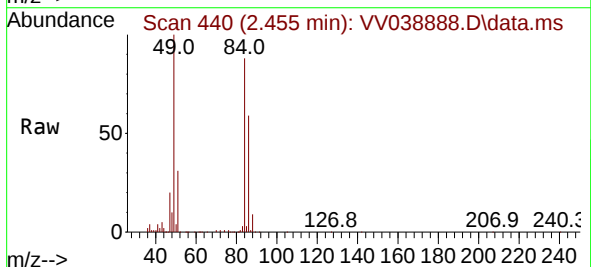
Instrument :
MSVOA_V
ClientSampleId :

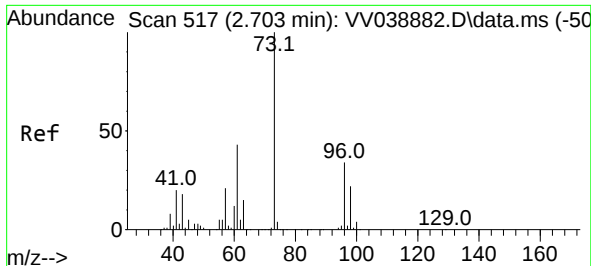
Tgt Ion: 73 Resp: 933624
Ion Ratio Lower Upper
73 100
57 20.4 16.5 24.7



#20
Methylene Chloride
Concen: 43.466 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 84 Resp: 276428
Ion Ratio Lower Upper
84 100
49 113.3 90.5 135.7
51 34.6 27.8 41.6
86 66.7 51.2 76.8

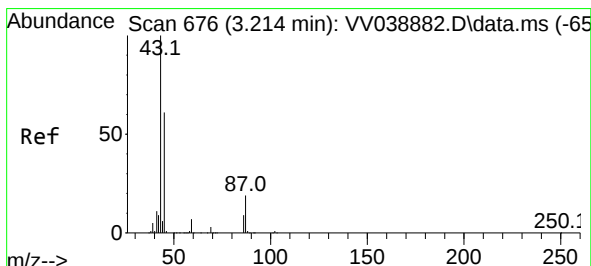
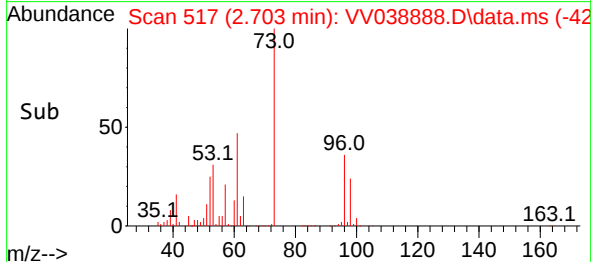
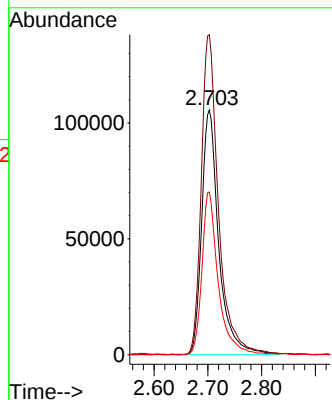
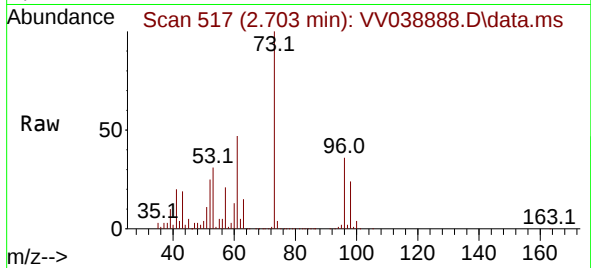




#21
trans-1,2-Dichloroethene
Concen: 44.190 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

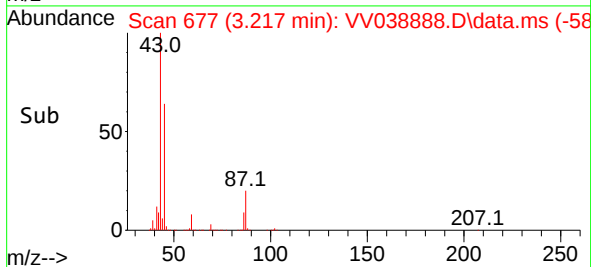
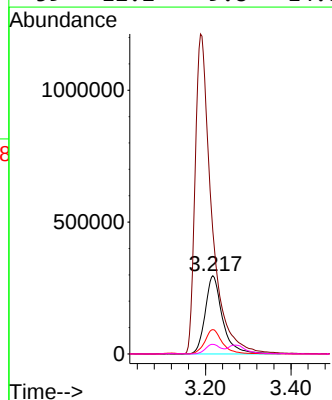
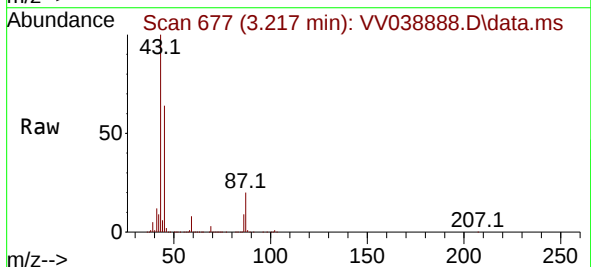
Instrument :
MSVOA_V
ClientSampleId :

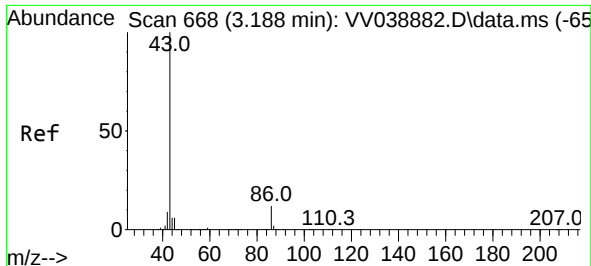
Tgt Ion: 96 Resp: 233384
Ion Ratio Lower Upper
96 100
61 130.6 102.0 153.0
98 66.5 51.0 76.6



#22
Diisopropyl ether
Concen: 52.732 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 45 Resp: 833219
Ion Ratio Lower Upper
45 100
43 157.1 132.1 198.1
87 31.1 25.0 37.4
59 12.2 9.8 14.8

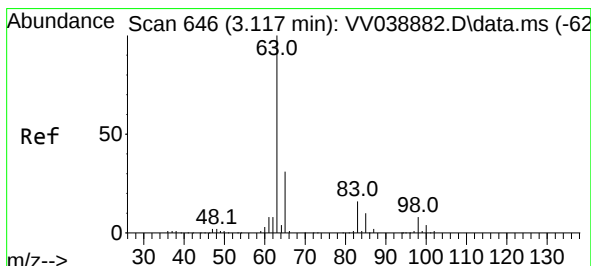
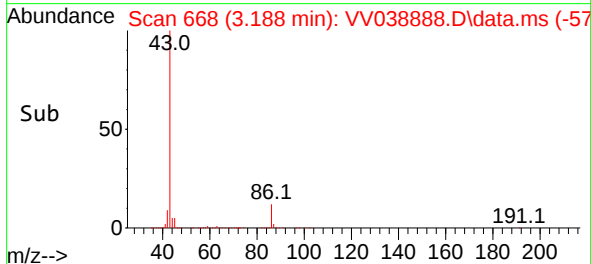
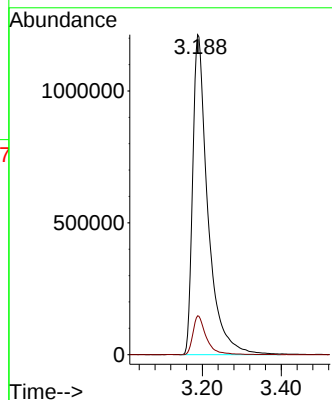
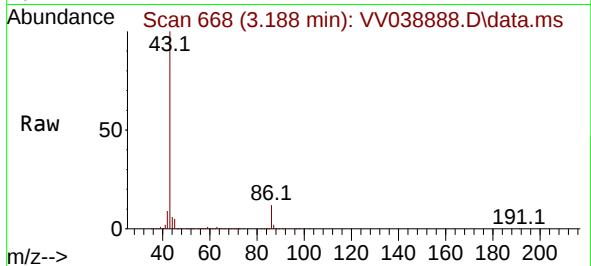




#23
 Vinyl Acetate
 Concen: 262.006 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VV038888.D
 Acq: 11 Jul 2025 16:10

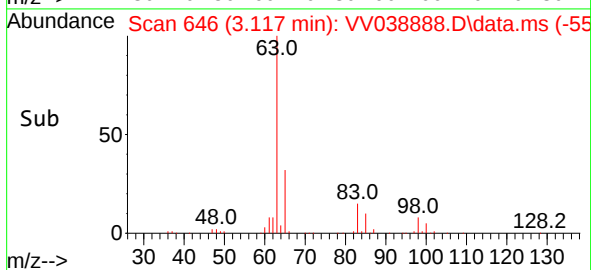
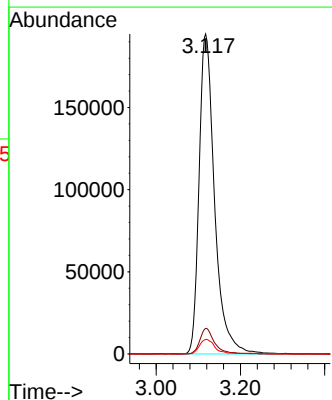
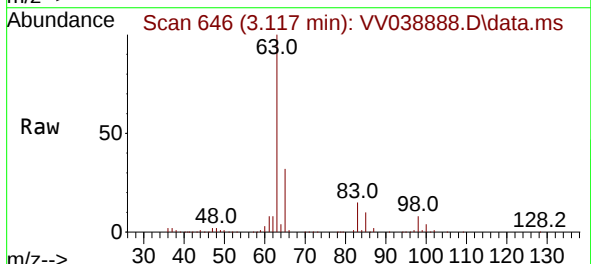
Instrument :
 MSVOA_V
 ClientSampleId :

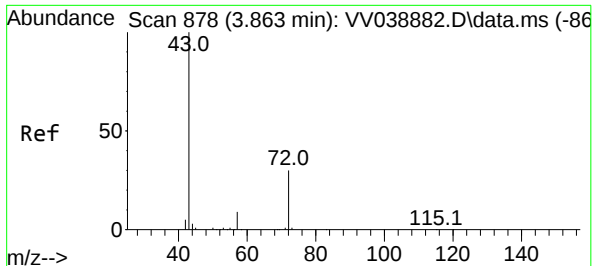
Tgt Ion: 43 Resp: 3246102
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 48.052 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038888.D
 Acq: 11 Jul 2025 16:10

Tgt Ion: 63 Resp: 497244
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.5 2.2 6.6

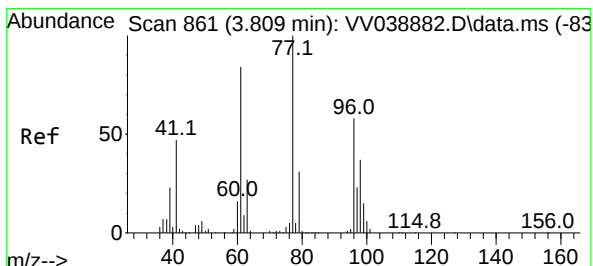
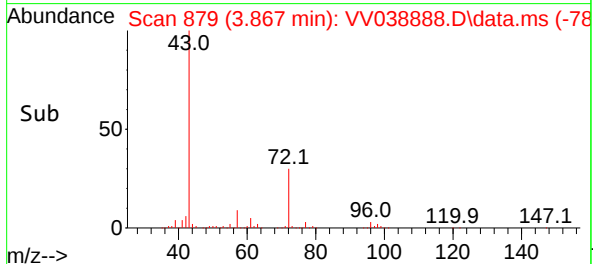
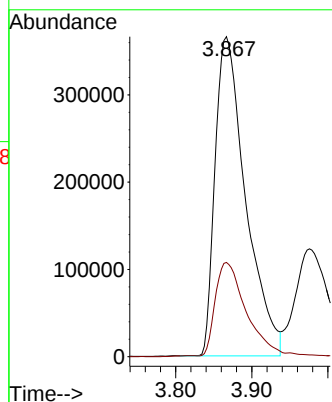
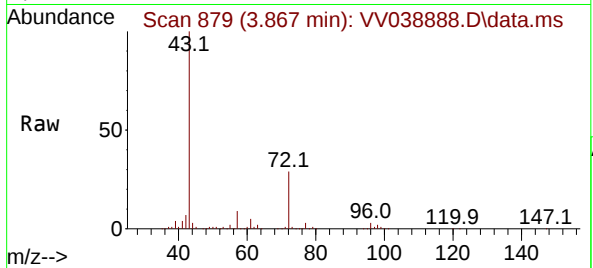




#25
2-Butanone
Concen: 284.623 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

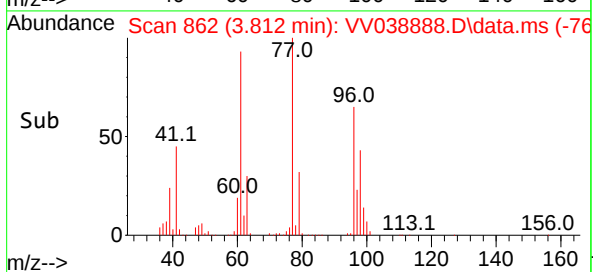
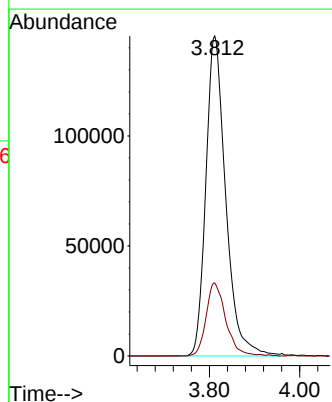
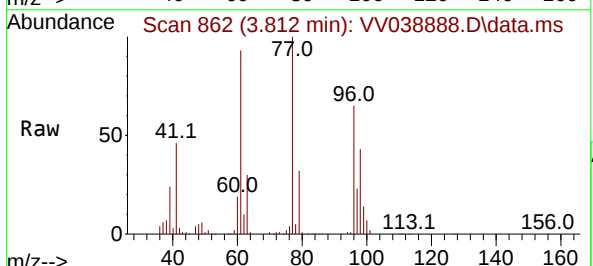
Instrument :
MSVOA_V
ClientSampleId :

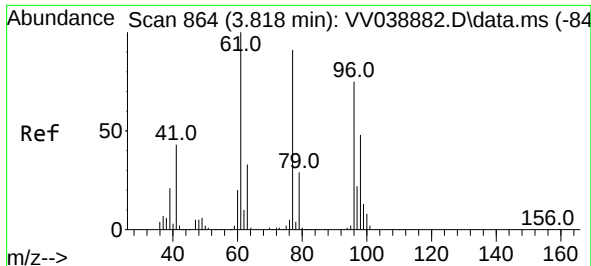
Tgt Ion: 43 Resp: 1022672
Ion Ratio Lower Upper
43 100
72 29.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 48.937 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

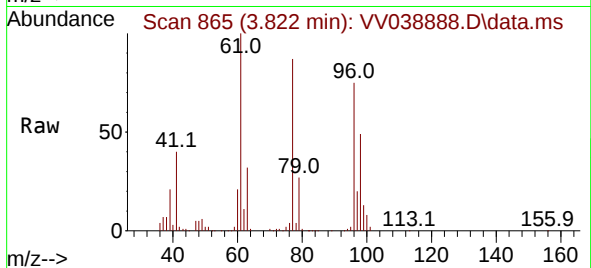
Tgt Ion: 77 Resp: 443359
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2



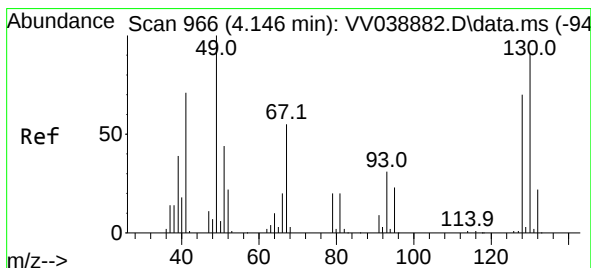
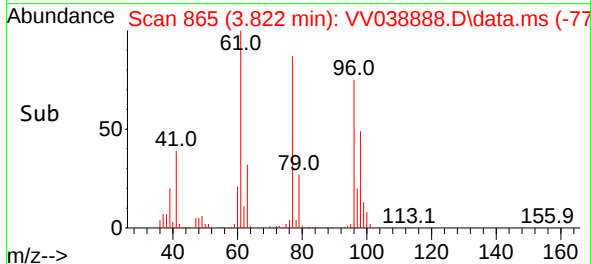
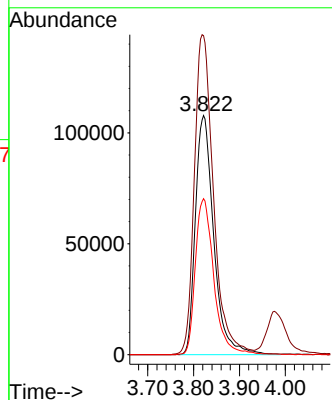


#27
 cis-1,2-Dichloroethene
 Concen: 49.499 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV038888.D
 Acq: 11 Jul 2025 16:10

Instrument :
 MSVOA_V
 ClientSampleId :

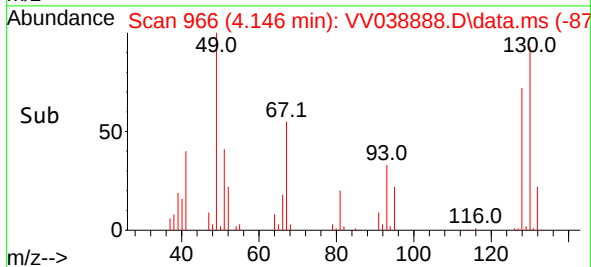
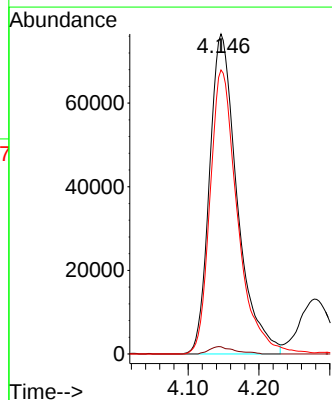
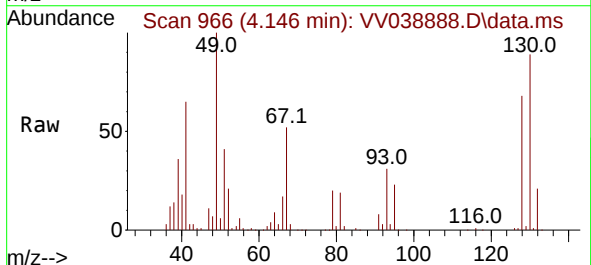


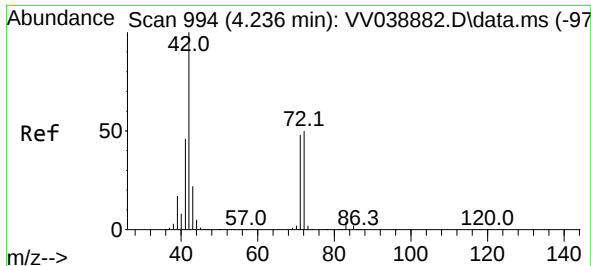
Tgt Ion: 96 Resp: 300188
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 275.0
 98 65.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 51.936 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038888.D
 Acq: 11 Jul 2025 16:10

Tgt Ion: 49 Resp: 208021
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 88.2 70.1 105.1

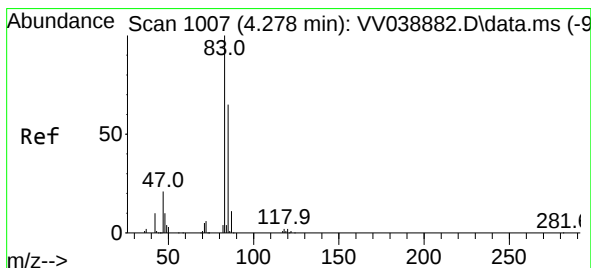
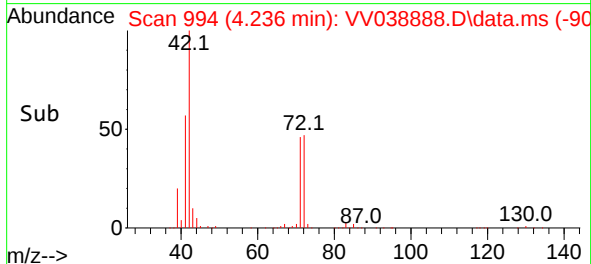
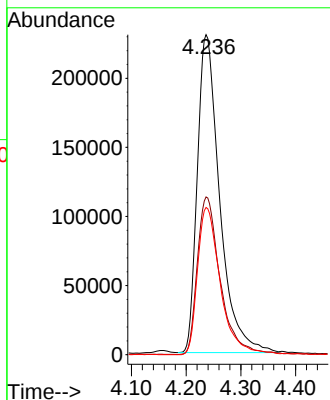
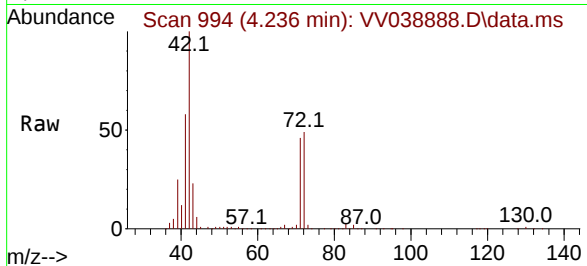




#29
Tetrahydrofuran
Concen: 275.559 ug/l
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

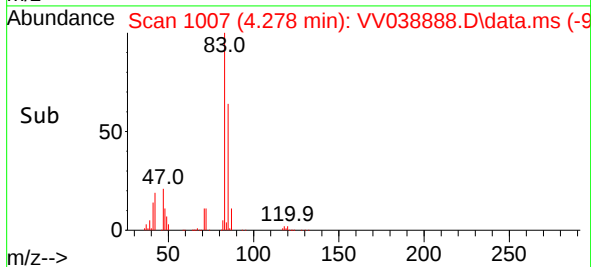
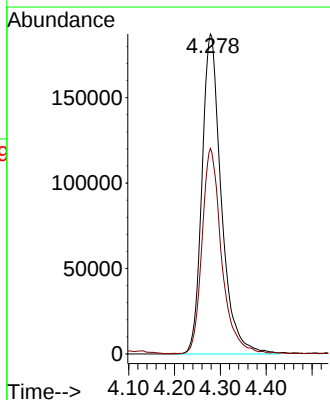
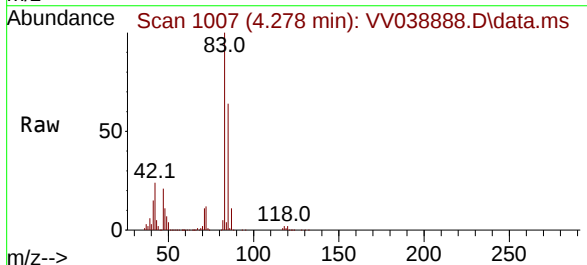
Instrument :
MSVOA_V
ClientSampleId :

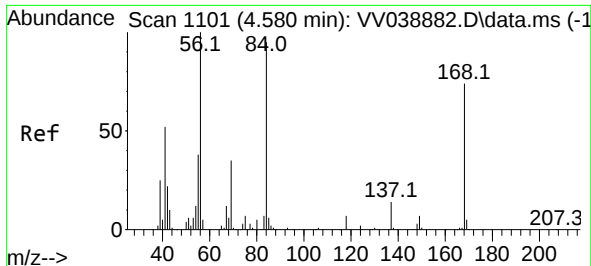
Tgt Ion: 42 Resp: 652556
Ion Ratio Lower Upper
42 100
72 50.9 41.6 62.4
71 47.4 38.4 57.6



#30
Chloroform
Concen: 48.096 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 83 Resp: 548702
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4

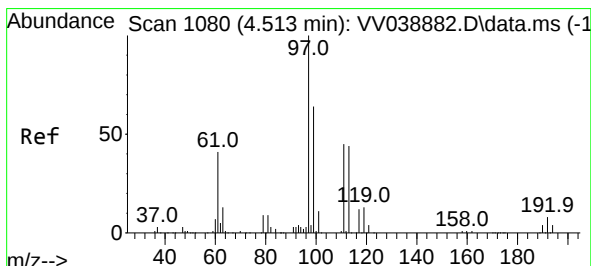
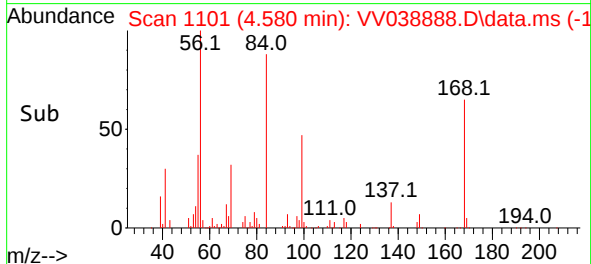
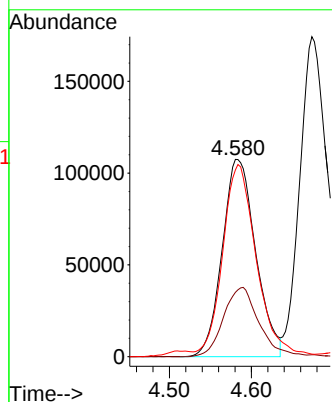
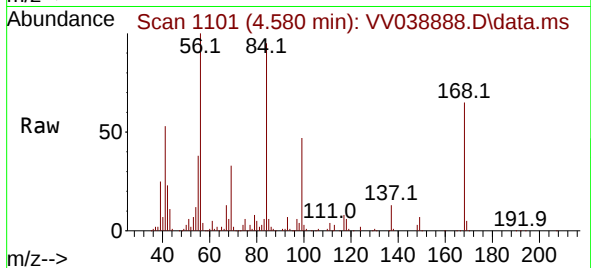




#31
Cyclohexane
Concen: 44.926 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

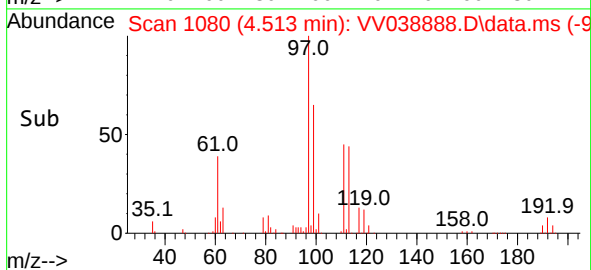
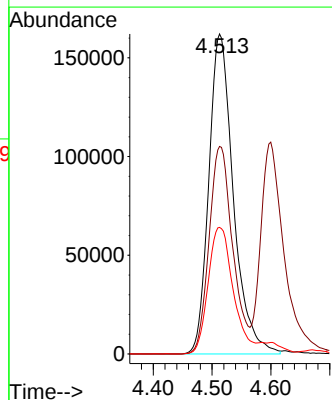
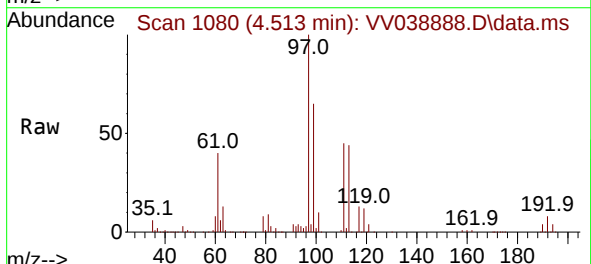
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 305145
Ion Ratio Lower Upper
56 100
69 32.6 28.2 42.2
84 91.9 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 47.275 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 97 Resp: 470579
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 40.3 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 45.503 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.003 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

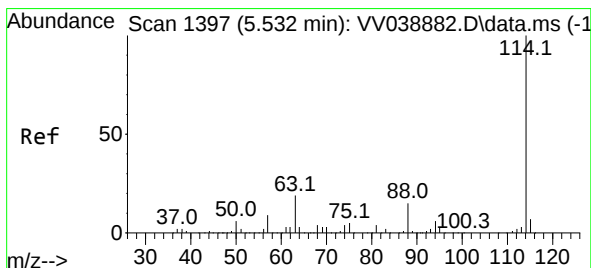
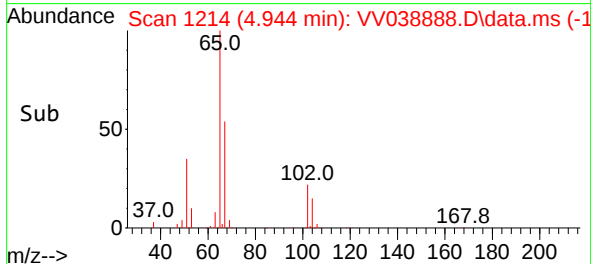
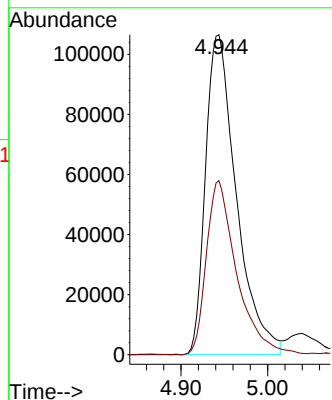
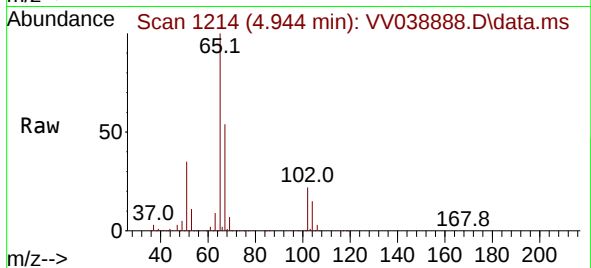
ClientSampleId :

Tgt Ion: 65 Resp: 263609

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

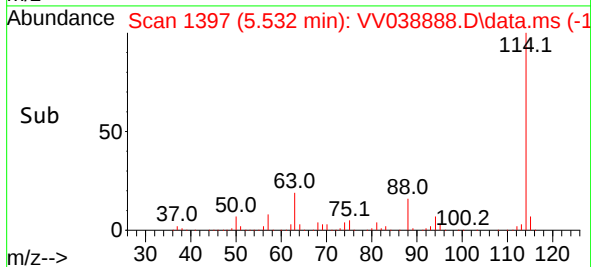
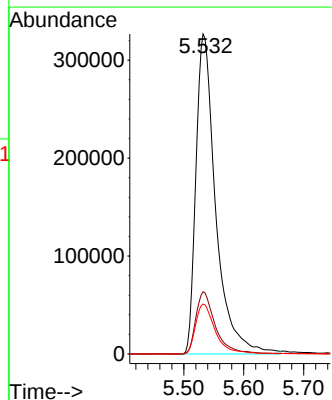
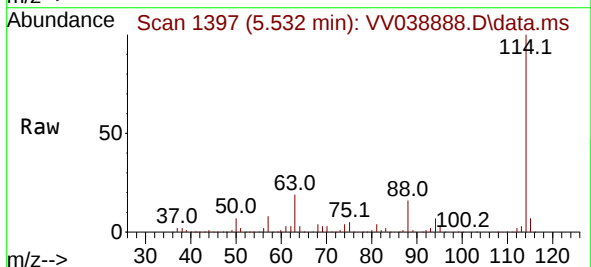
Tgt Ion: 114 Resp: 751281

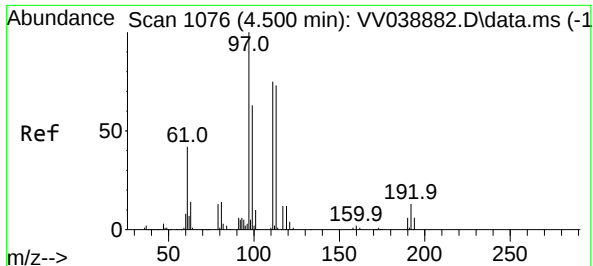
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.2

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.054 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

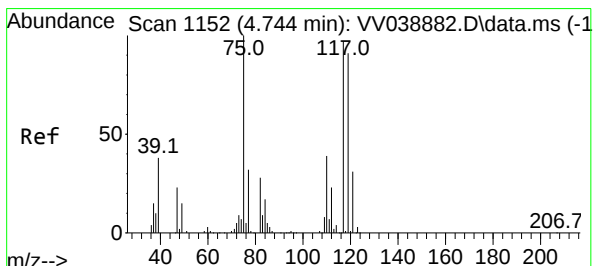
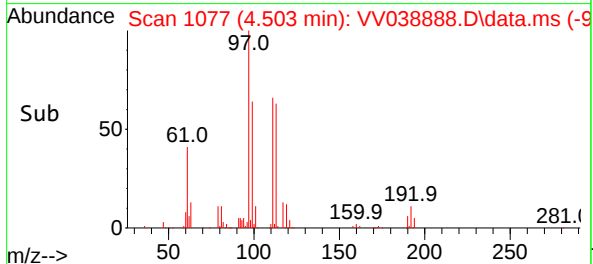
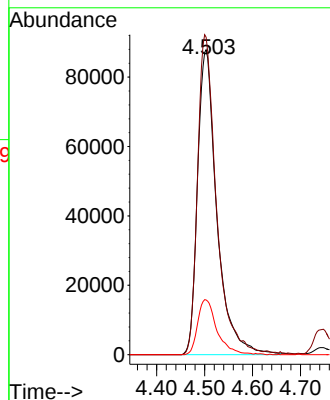
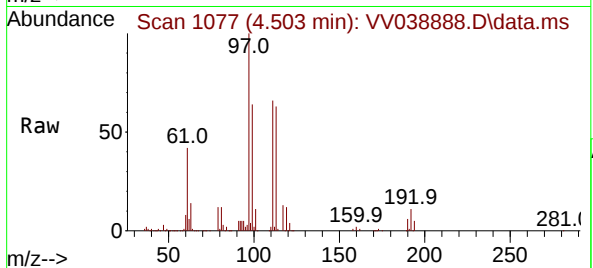
Tgt Ion:113 Resp: 246146

Ion Ratio Lower Upper

113 100

111 102.2 83.3 124.9

192 17.9 14.2 21.4



#36

1,1-Dichloropropene

Concen: 50.894 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

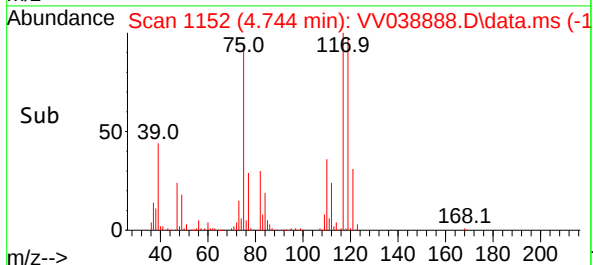
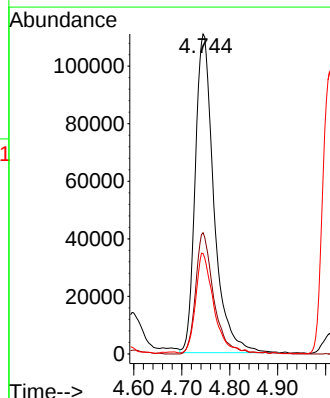
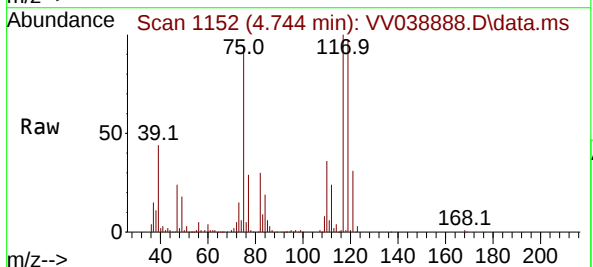
Tgt Ion: 75 Resp: 299602

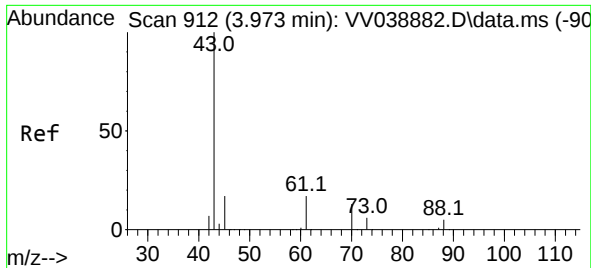
Ion Ratio Lower Upper

75 100

110 36.7 18.8 56.3

77 29.8 24.2 36.4

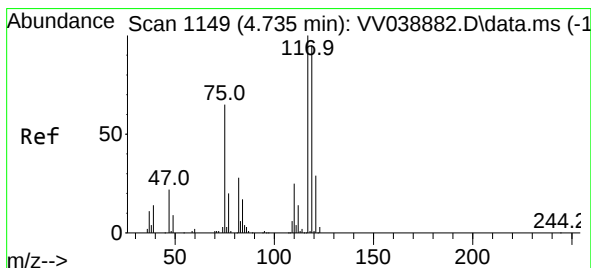
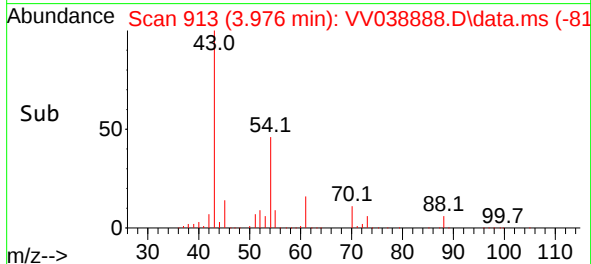
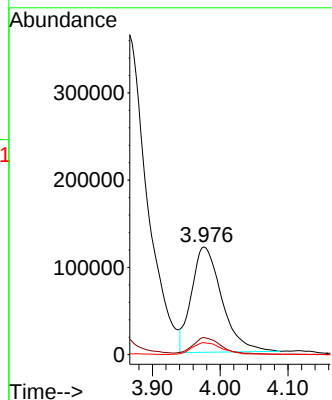
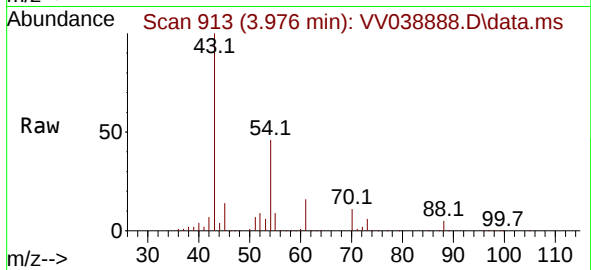




#37
Ethyl Acetate
Concen: 54.202 ug/l
RT: 3.976 min Scan# 912
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

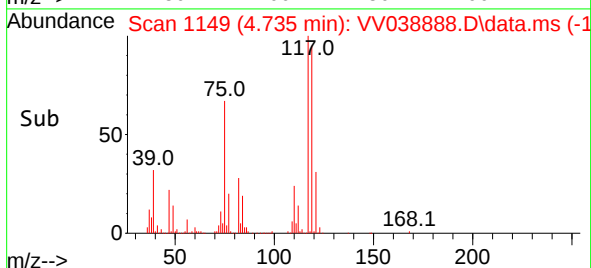
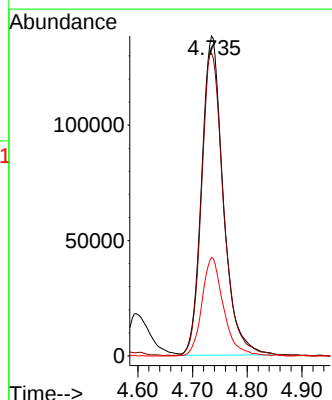
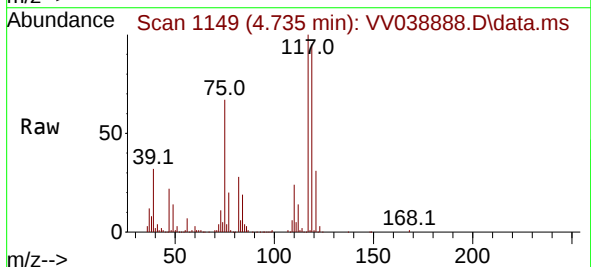
Instrument :
MSVOA_V
ClientSampleId :

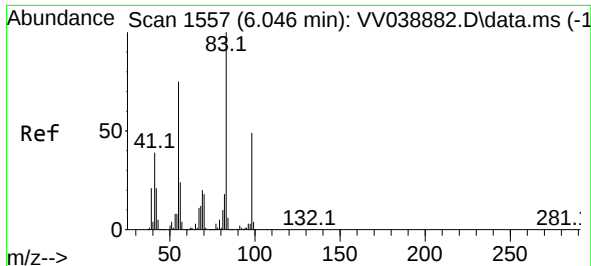
Tgt Ion: 43 Resp: 375675
Ion Ratio Lower Upper
43 100
61 15.1 11.1 16.7
70 11.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.586 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 117 Resp: 379922
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0
121 30.7 23.1 34.7





#39

Methylcyclohexane

Concen: 47.372 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

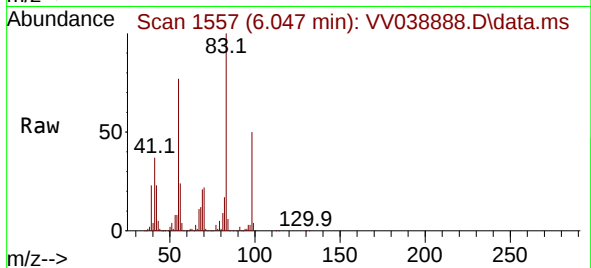
Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :



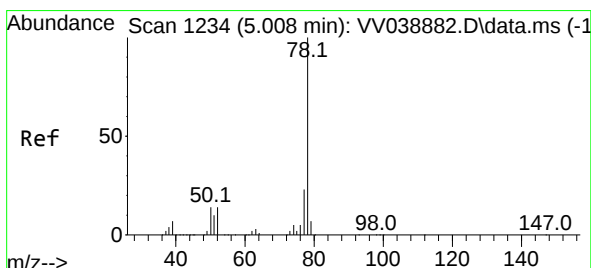
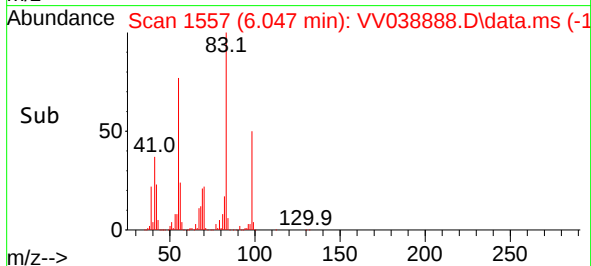
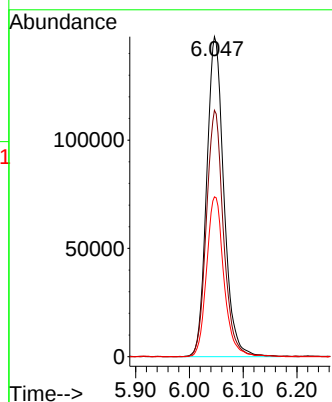
Tgt Ion: 83 Resp: 329046

Ion Ratio Lower Upper

83 100

55 76.9 60.0 90.0

98 50.0 39.0 58.6



#40

Benzene

Concen: 50.850 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038888.D

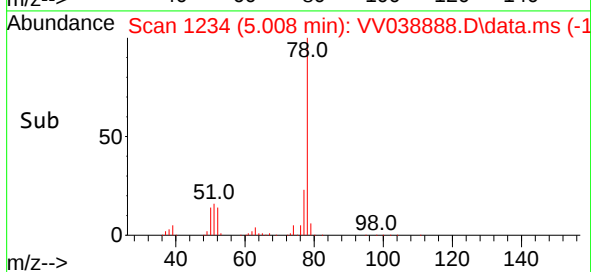
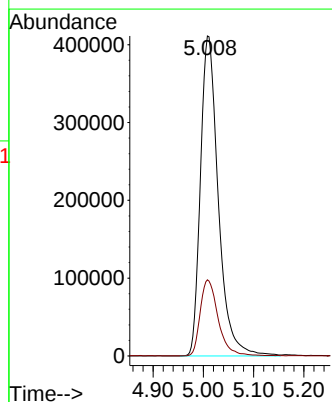
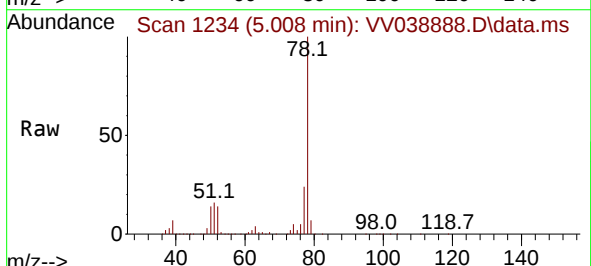
Acq: 11 Jul 2025 16:10

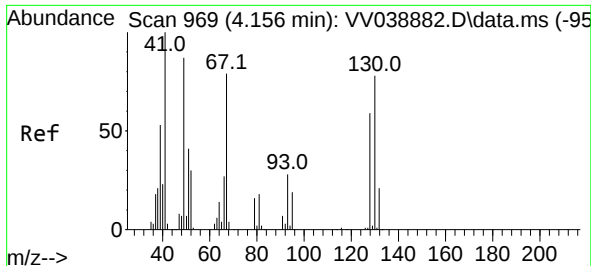
Tgt Ion: 78 Resp: 1014759

Ion Ratio Lower Upper

78 100

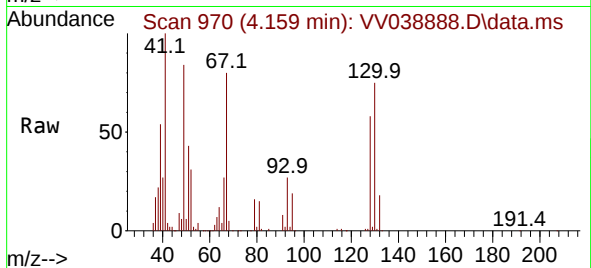
77 23.8 18.6 28.0





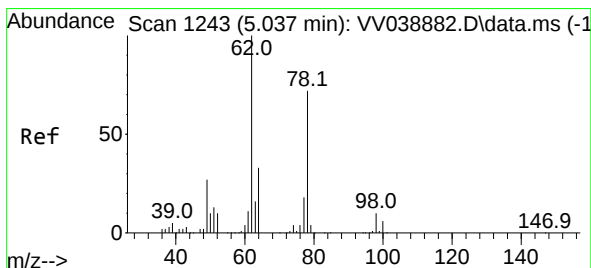
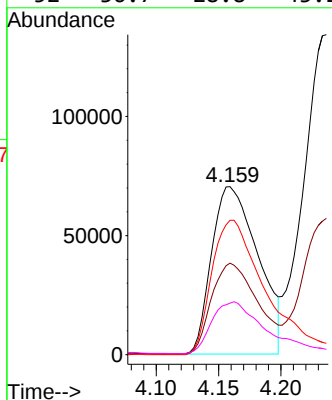
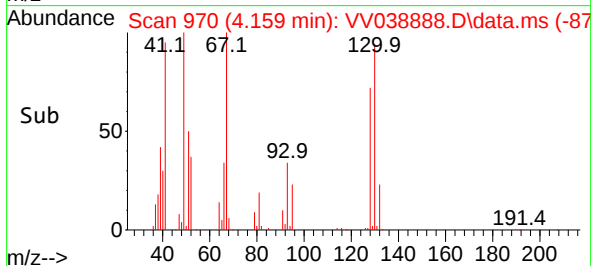
#41
Methacrylonitrile
Concen: 57.296 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 41 Resp: 182254

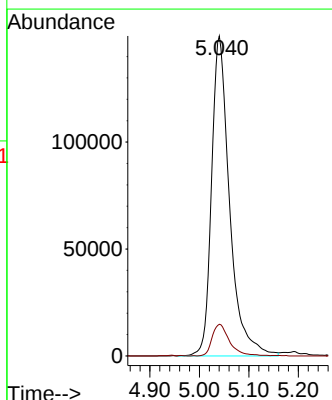
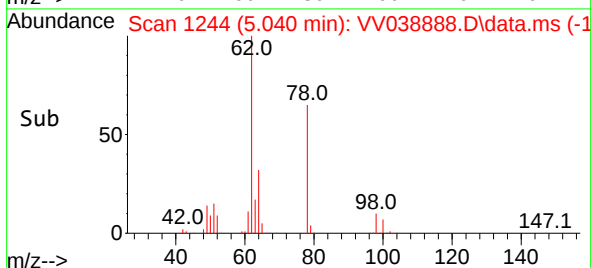
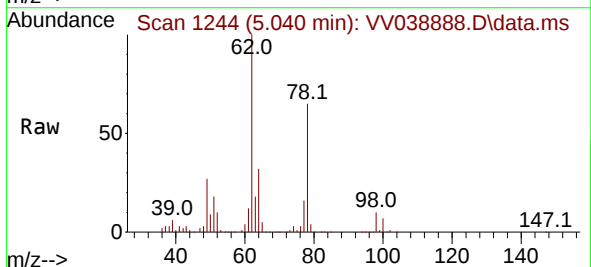
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.0	63.0
67	96.5	76.2	114.2
52	36.7	28.8	43.2

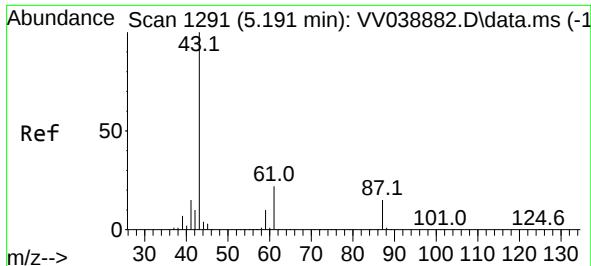


#42
1,2-Dichloroethane
Concen: 49.745 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 62 Resp: 378392

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

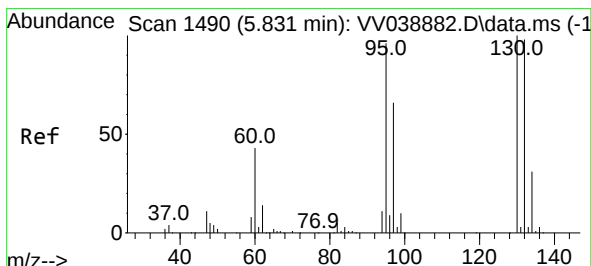
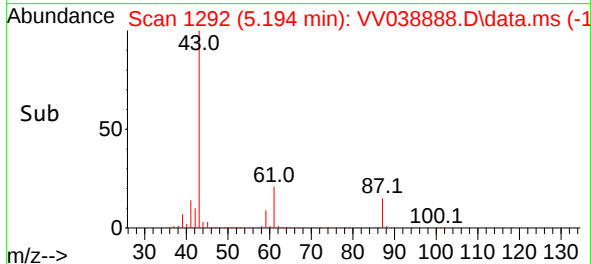
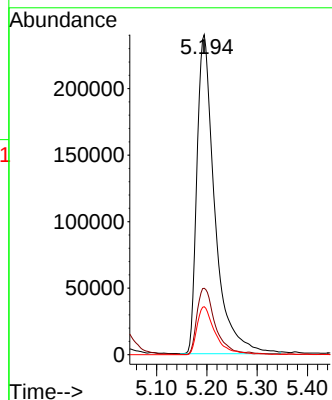
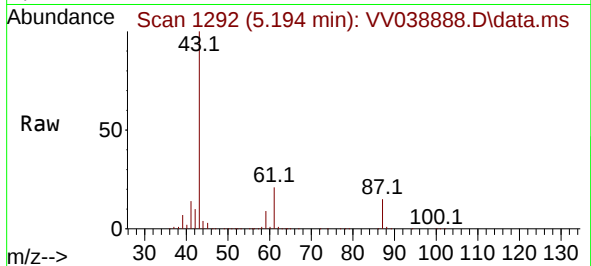




#43
Isopropyl Acetate
Concen: 54.011 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

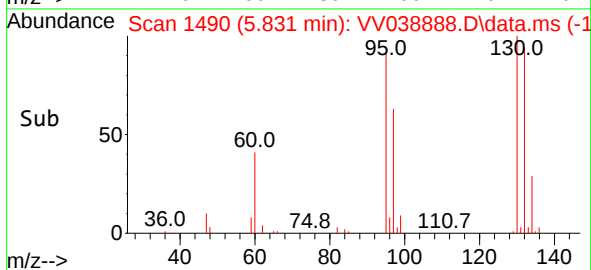
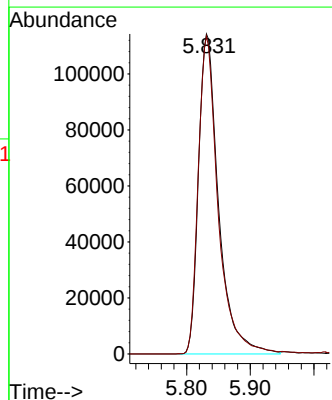
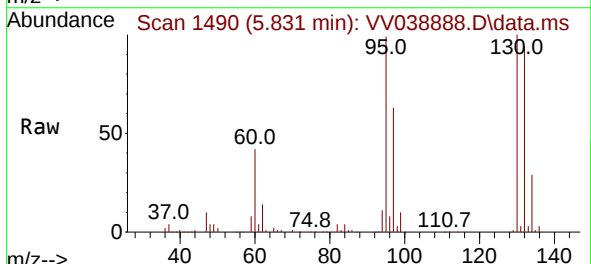
Instrument :
MSVOA_V
ClientSampleId :

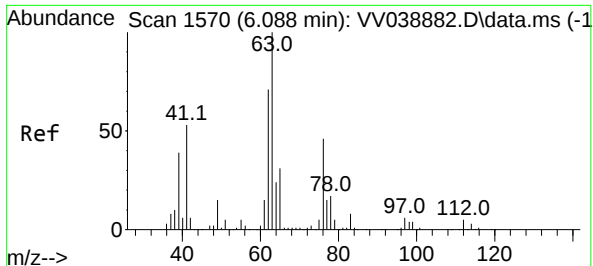
Tgt Ion: 43 Resp: 592042
Ion Ratio Lower Upper
43 100
61 21.0 17.1 25.7
87 15.3 12.2 18.4



#44
Trichloroethene
Concen: 48.111 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:130 Resp: 250881
Ion Ratio Lower Upper
130 100
95 99.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.118 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

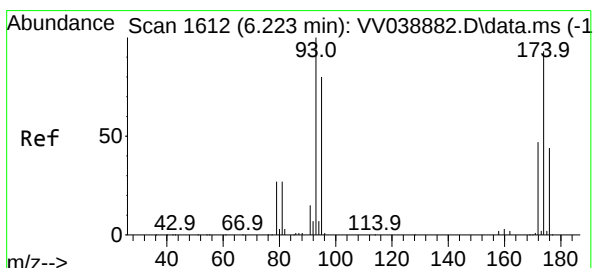
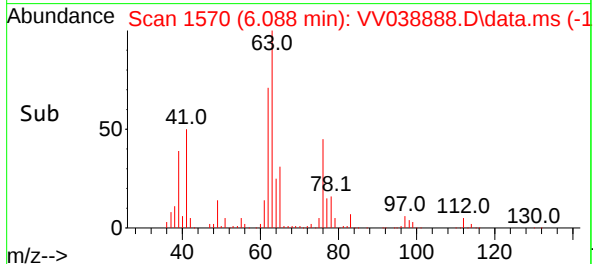
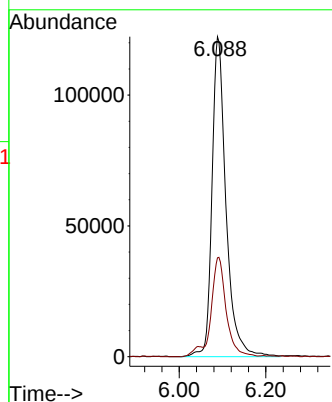
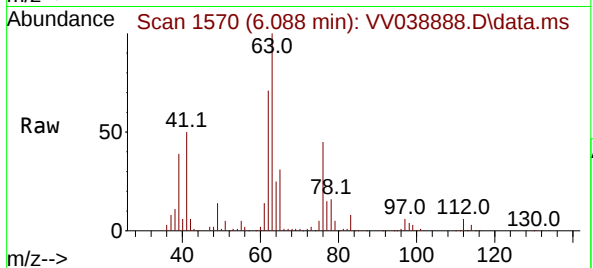
ClientSampleId :

Tgt Ion: 63 Resp: 274741

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 50.106 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

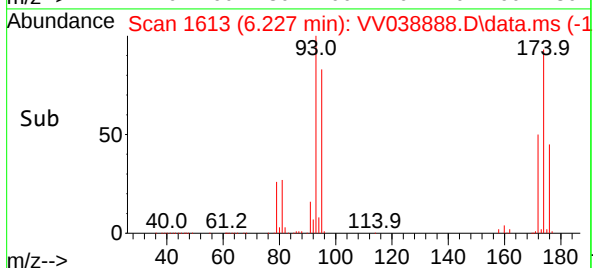
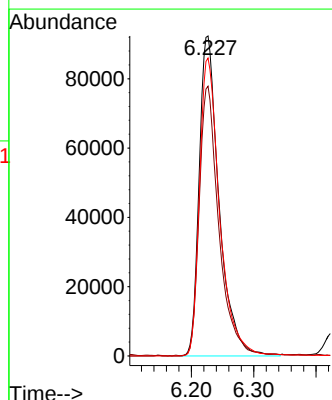
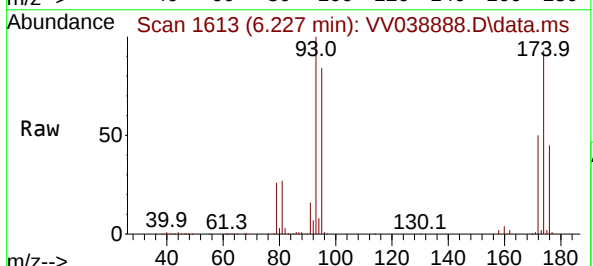
Tgt Ion: 93 Resp: 204368

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 94.1 75.3 112.9

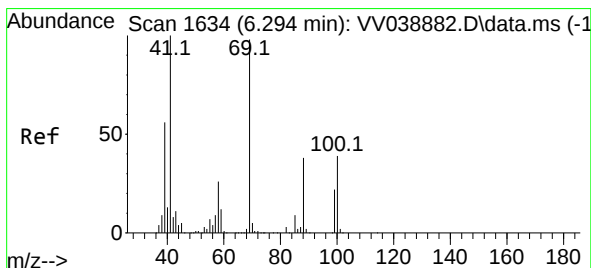
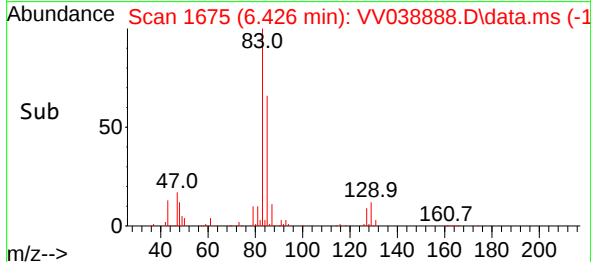
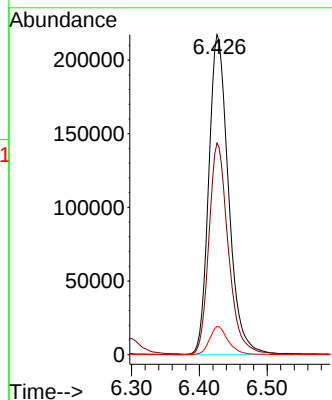
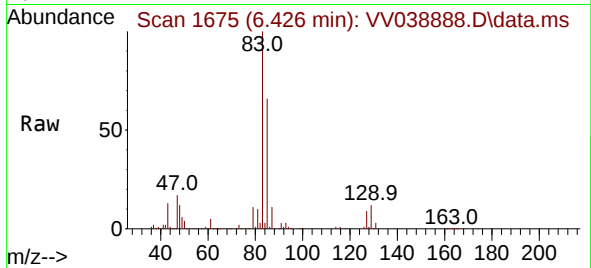




#47
Bromodichloromethane
Concen: 50.808 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

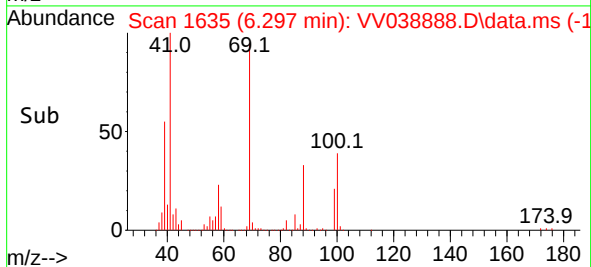
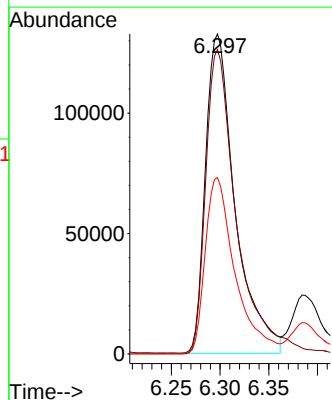
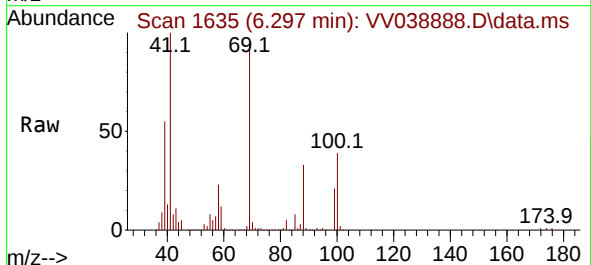
Instrument :
MSVOA_V
ClientSampleId :

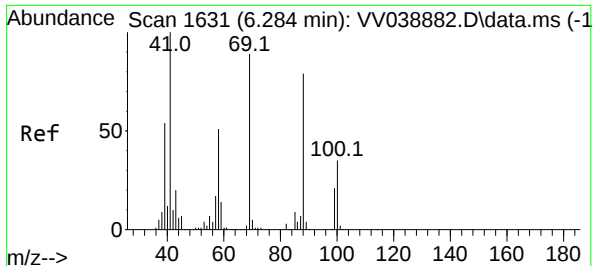
Tgt Ion: 83 Resp: 439799
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 58.854 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 41 Resp: 279981
Ion Ratio Lower Upper
41 100
69 99.5 79.4 119.2
39 55.2 44.0 66.0





#49

1,4-Dioxane

Concen: 1201.204 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

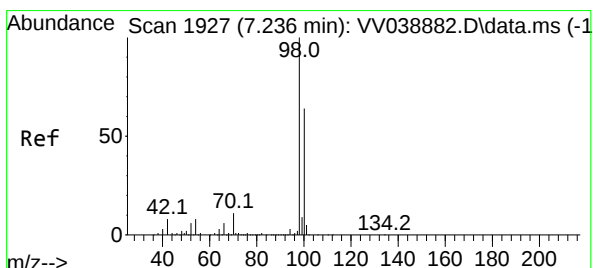
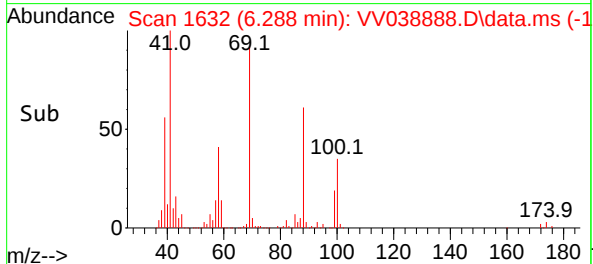
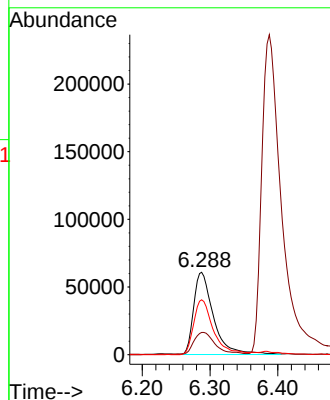
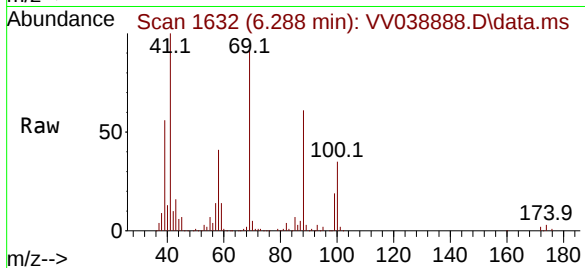
Tgt Ion: 88 Resp: 123120

Ion Ratio Lower Upper

88 100

43 28.3 23.0 34.4

58 66.2 53.8 80.6



#50

Toluene-d8

Concen: 47.021 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038888.D

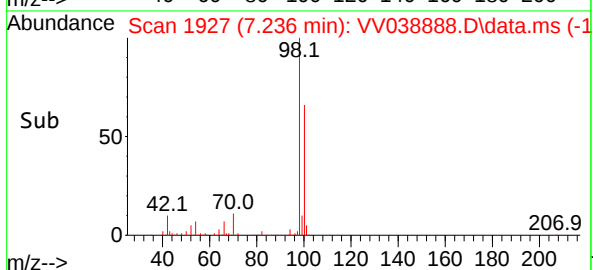
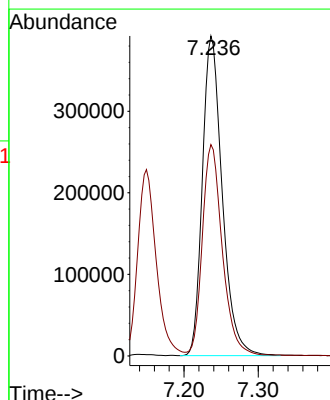
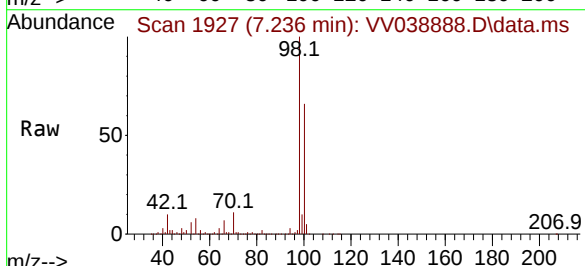
Acq: 11 Jul 2025 16:10

Tgt Ion: 98 Resp: 728032

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 289.661 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

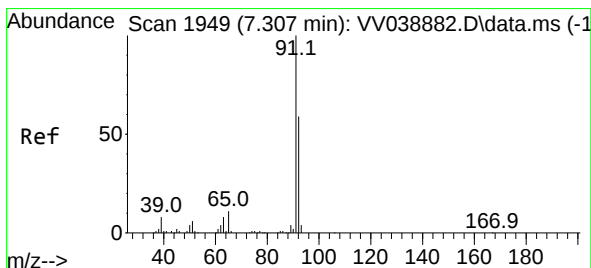
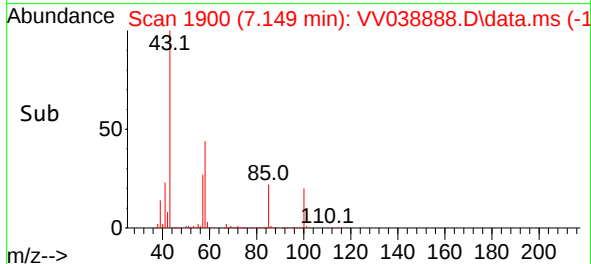
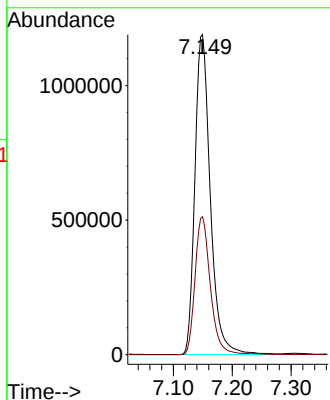
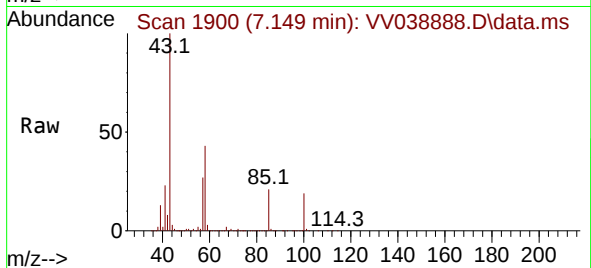
ClientSampleId :

Tgt Ion: 43 Resp: 2162008

Ion Ratio Lower Upper

43 100

58 42.7 34.5 51.7



#52

Toluene

Concen: 52.688 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038888.D

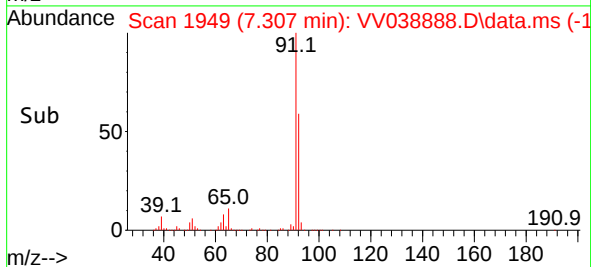
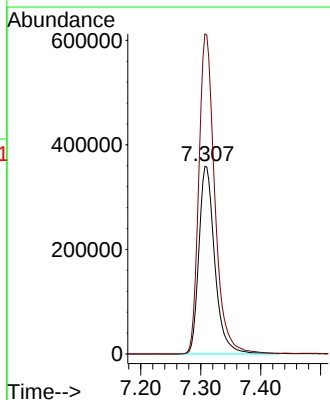
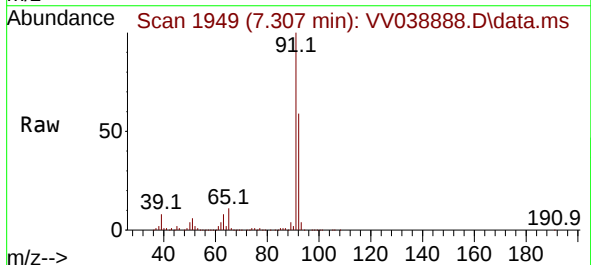
Acq: 11 Jul 2025 16:10

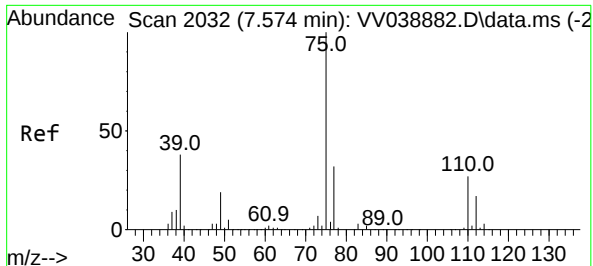
Tgt Ion: 92 Resp: 662368

Ion Ratio Lower Upper

92 100

91 172.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.974 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

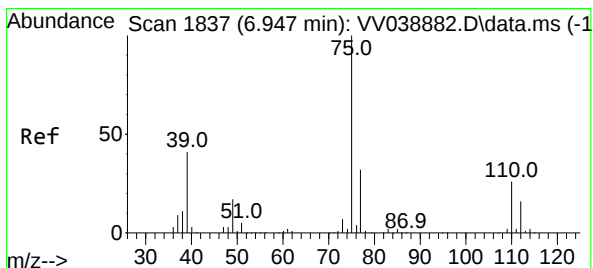
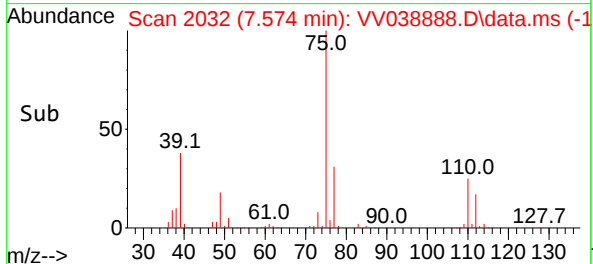
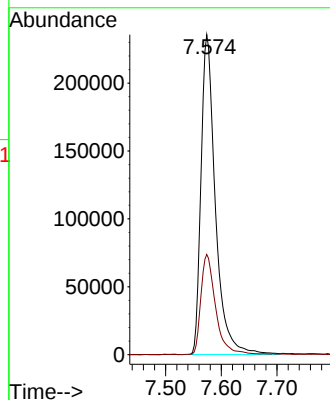
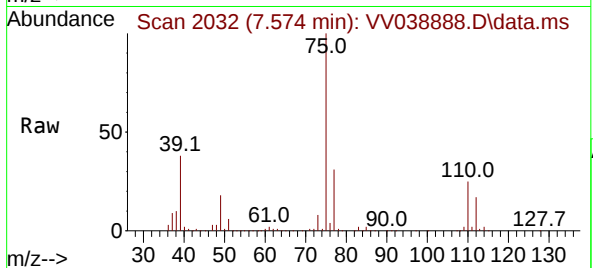
ClientSampleId :

Tgt Ion: 75 Resp: 422752

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 52.758 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

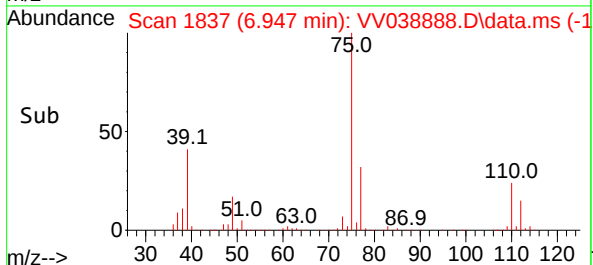
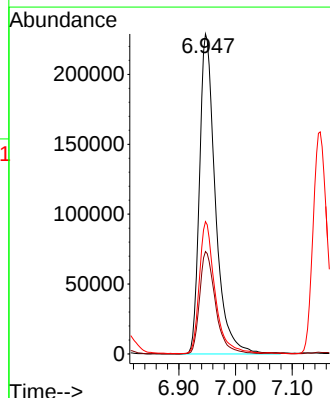
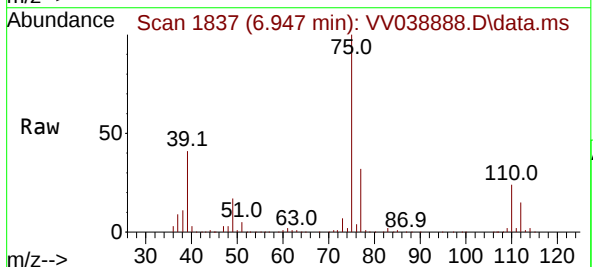
Tgt Ion: 75 Resp: 446690

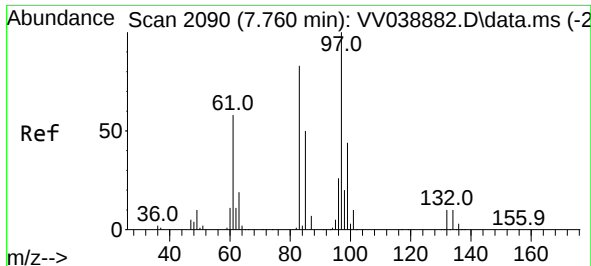
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 41.2 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 50.972 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 306290

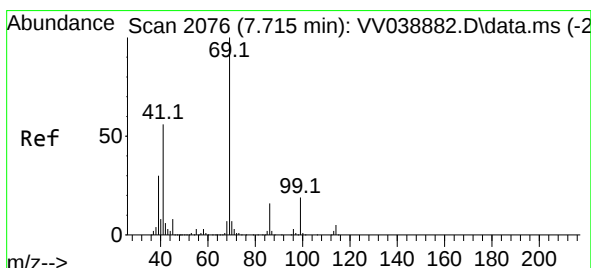
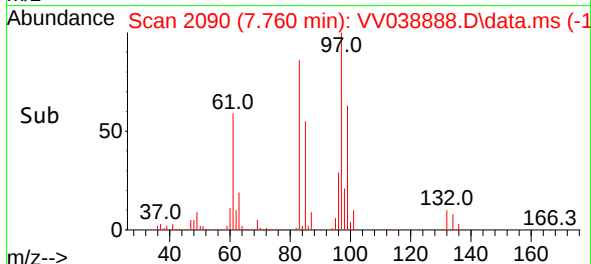
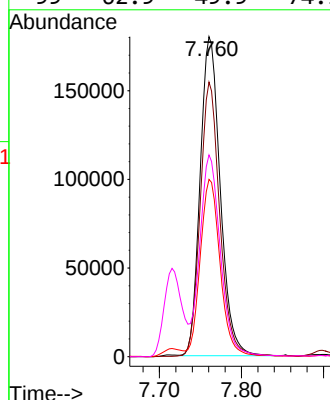
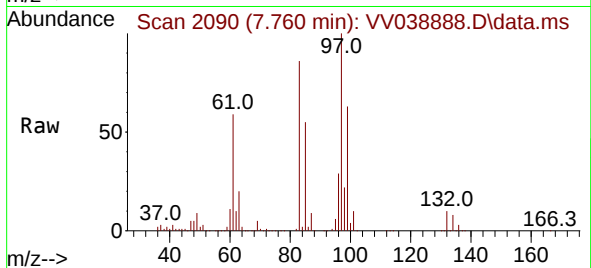
Ion Ratio Lower Upper

97 100

83 85.7 66.2 99.4

85 55.3 41.4 62.2

99 62.9 49.9 74.9



#56

Ethyl methacrylate

Concen: 60.639 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

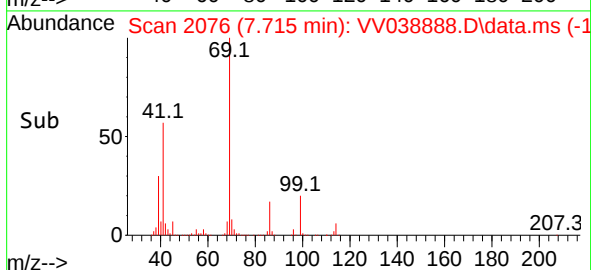
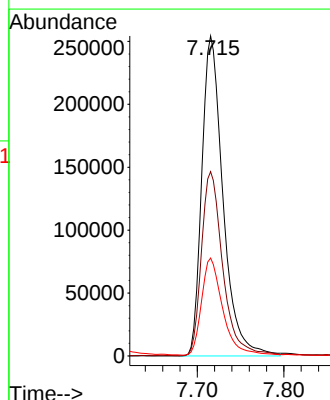
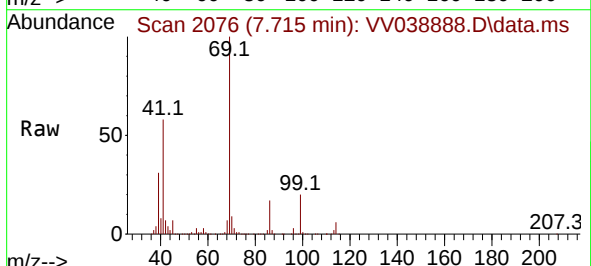
Tgt Ion: 69 Resp: 432999

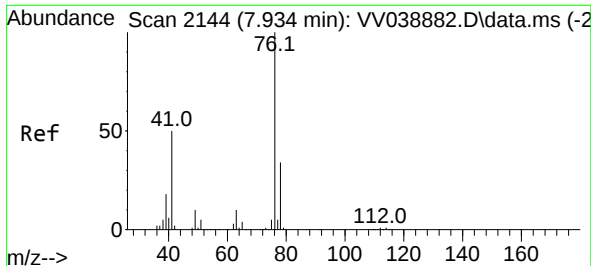
Ion Ratio Lower Upper

69 100

41 58.4 45.7 68.5

39 30.0 23.8 35.8





#57

1,3-Dichloropropane

Concen: 53.079 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

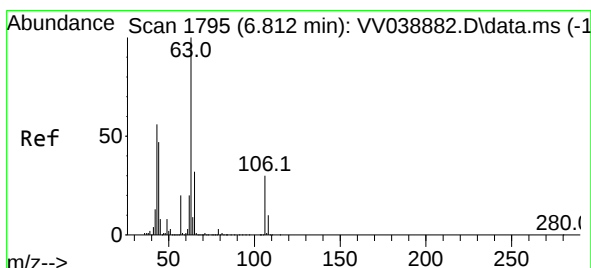
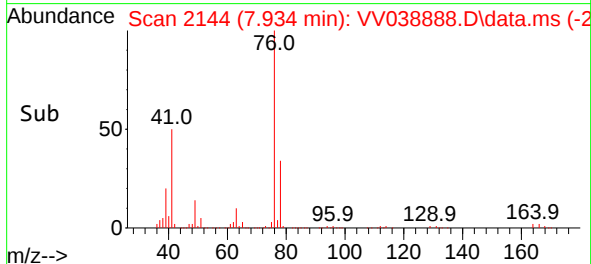
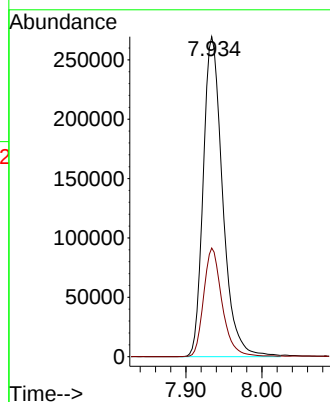
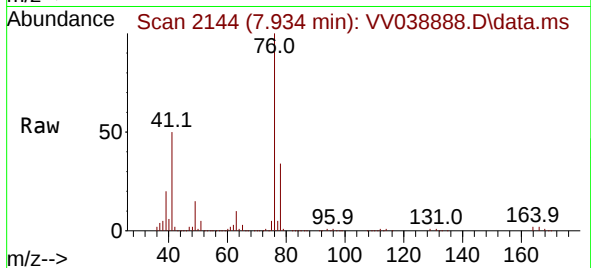
ClientSampleId :

Tgt Ion: 76 Resp: 478234

Ion Ratio Lower Upper

76 100

78 32.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 261.027 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VV038888.D

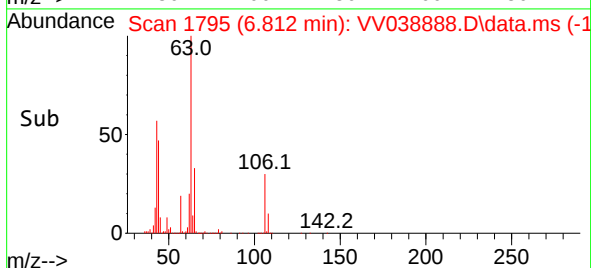
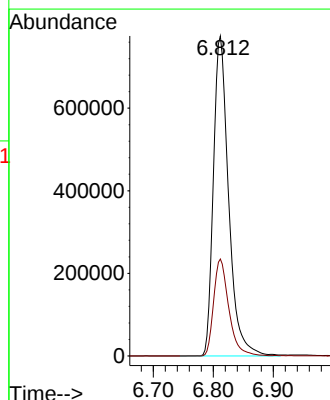
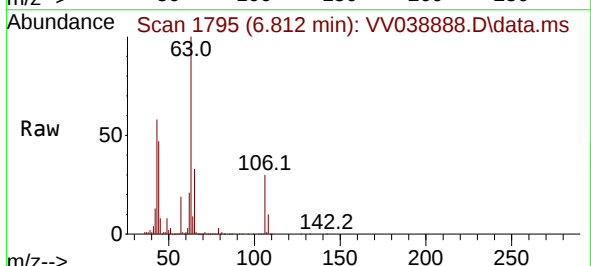
Acq: 11 Jul 2025 16:10

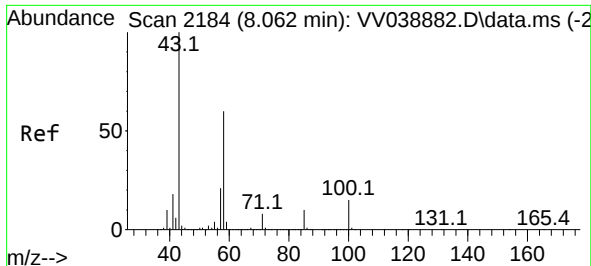
Tgt Ion: 63 Resp: 1365210

Ion Ratio Lower Upper

63 100

106 30.2 24.1 36.1

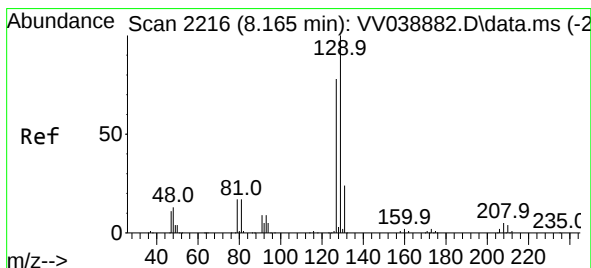
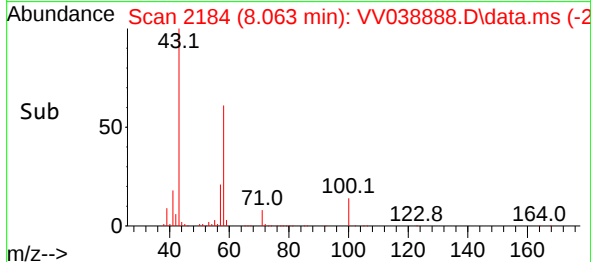
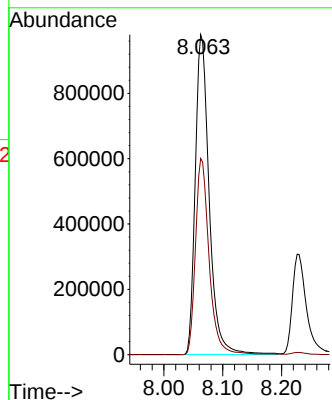
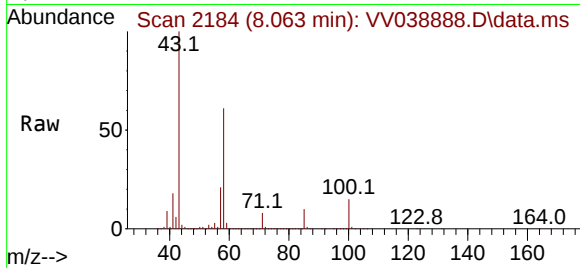




#59
2-Hexanone
Concen: 289.747 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

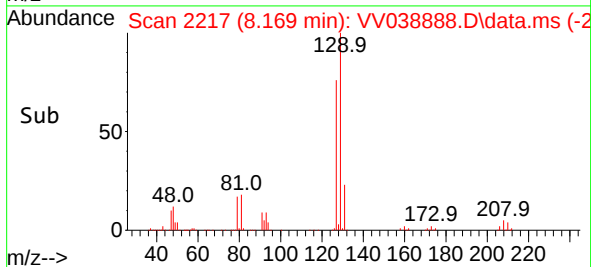
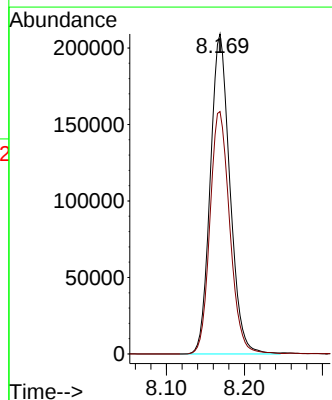
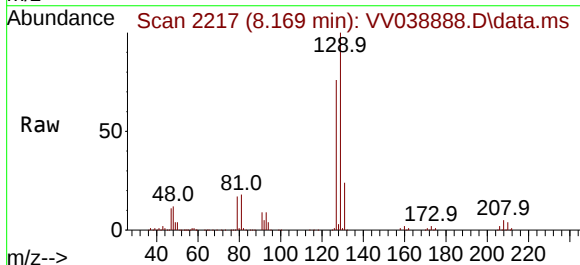
Instrument :
MSVOA_V
ClientSampleId :

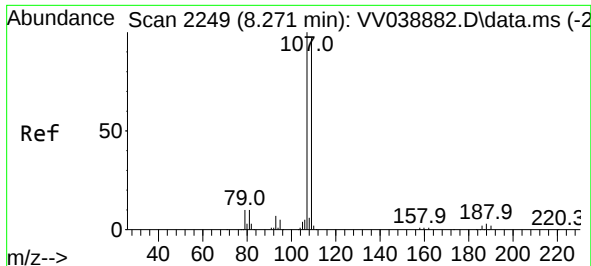
Tgt Ion: 43 Resp: 1609890
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8



#60
Dibromochloromethane
Concen: 51.808 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 129 Resp: 366611
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2

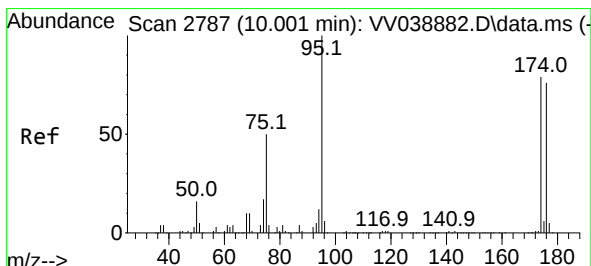
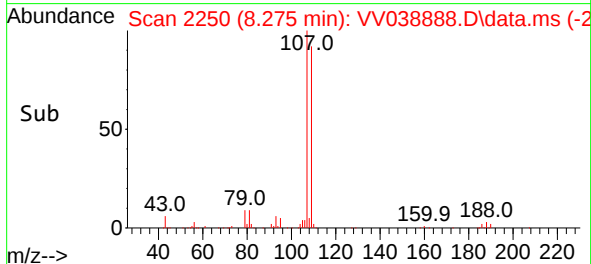
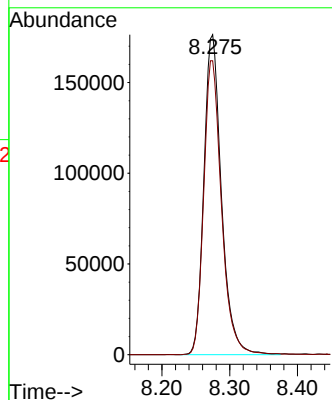
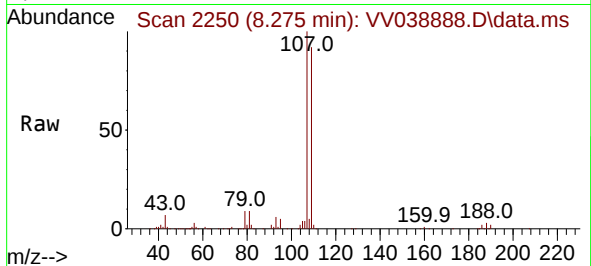




#61
1,2-Dibromoethane
Concen: 52.367 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

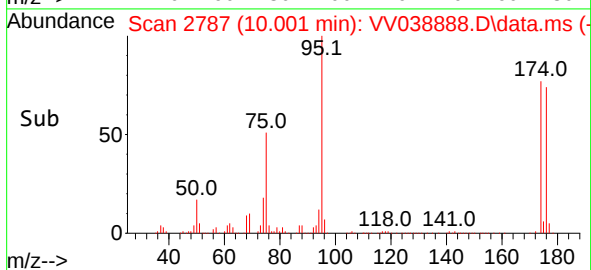
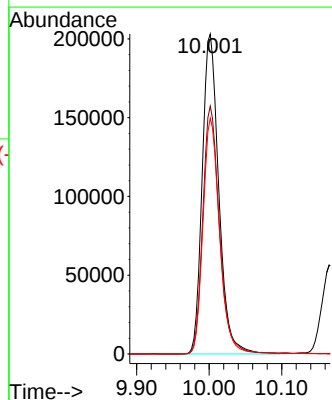
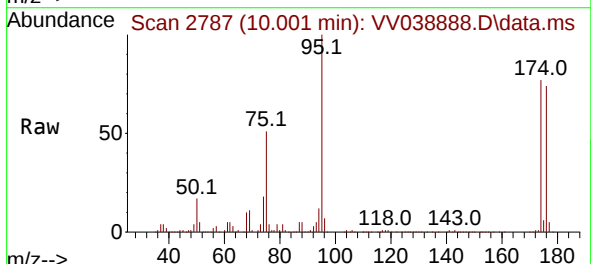
Instrument :
MSVOA_V
ClientSampleId :

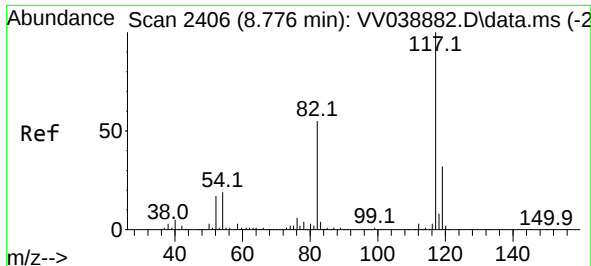
Tgt Ion:107 Resp: 317016
Ion Ratio Lower Upper
107 100
109 93.0 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 51.763 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

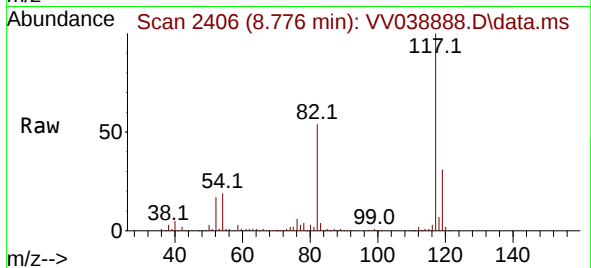
Tgt Ion: 95 Resp: 322856
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.0
176 73.3 0.0 152.2



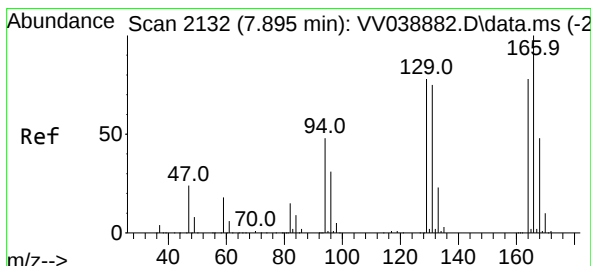
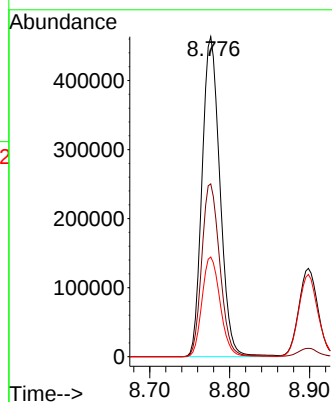
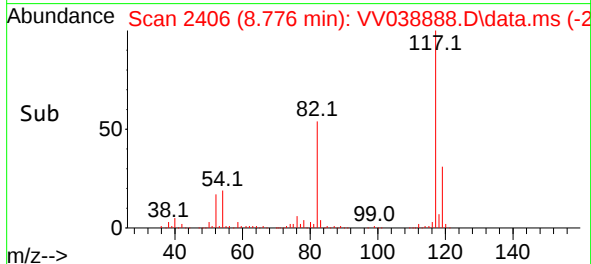


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

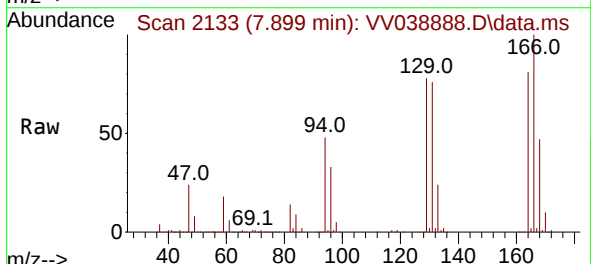
Instrument :
MSVOA_V
ClientSampleId :



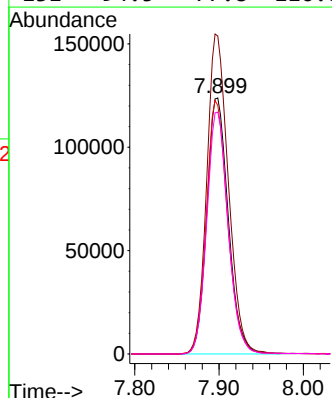
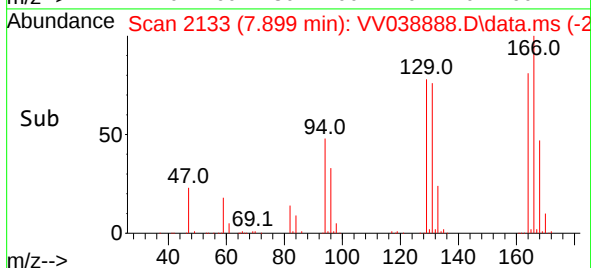
Tgt Ion:117 Resp: 722099
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.1 25.4 38.0

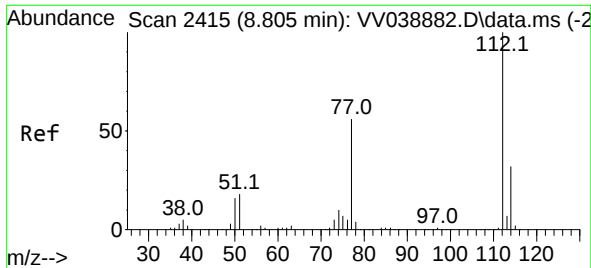


#64
Tetrachloroethene
Concen: 46.509 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10



Tgt Ion:164 Resp: 220255
Ion Ratio Lower Upper
164 100
166 124.2 103.2 154.8
129 97.1 81.0 121.4
131 94.5 77.8 116.8

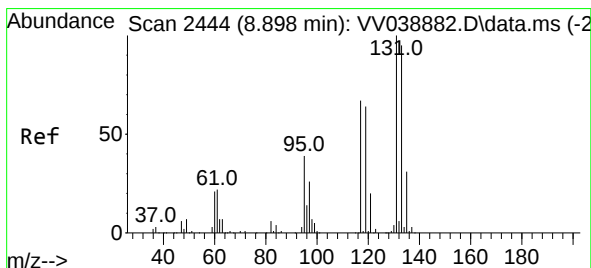
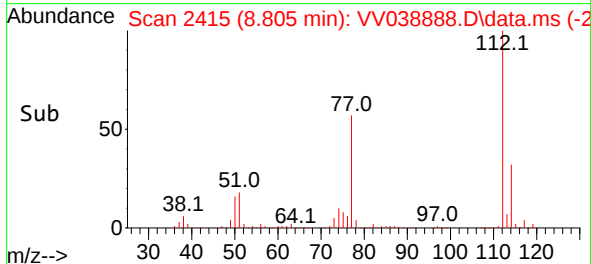
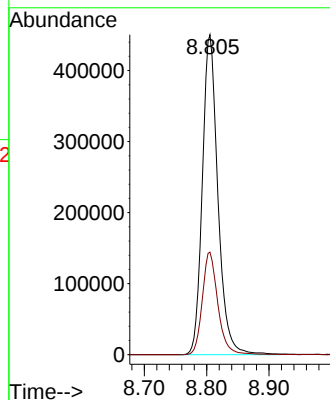
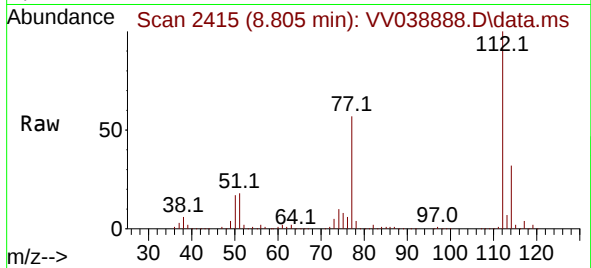




#65
Chlorobenzene
Concen: 49.545 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

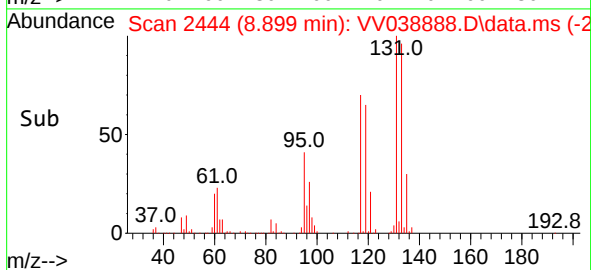
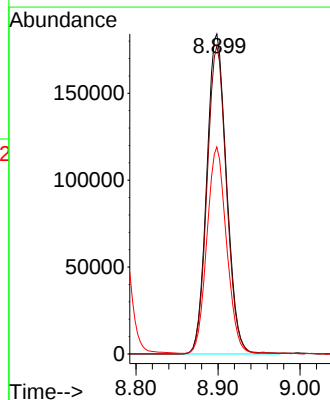
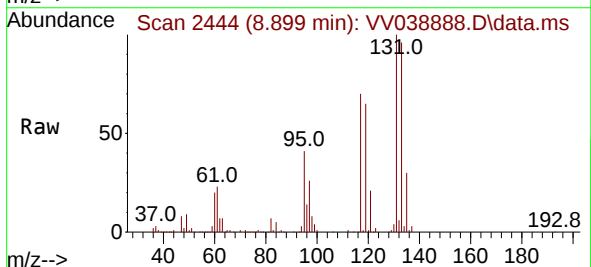
Instrument :
MSVOA_V
ClientSampleId :

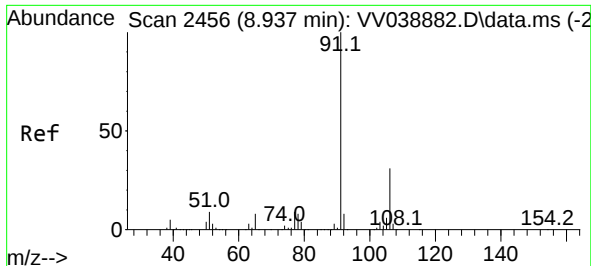
Tgt Ion:112 Resp: 781716
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.000 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:131 Resp: 308319
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 63.9 32.0 96.2





#67

Ethyl Benzene

Concen: 55.334 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

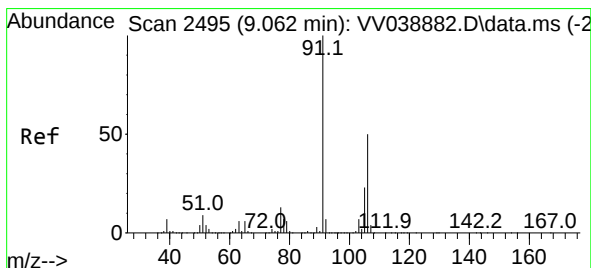
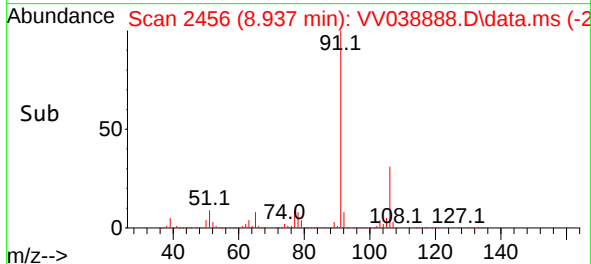
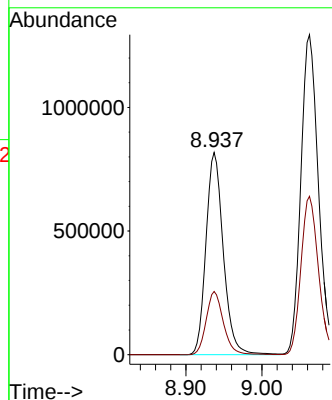
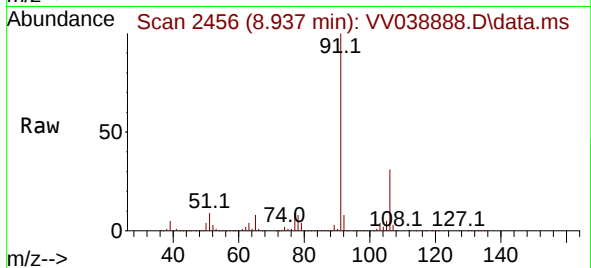
ClientSampleId :

Tgt Ion: 91 Resp: 1296395

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



#68

m/p-Xylenes

Concen: 113.540 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038888.D

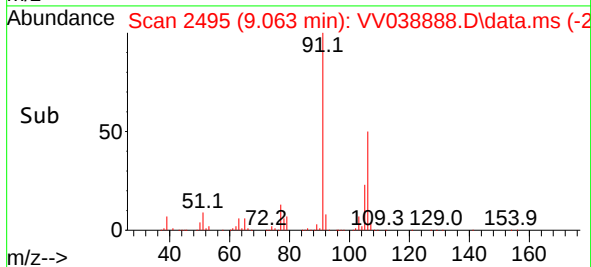
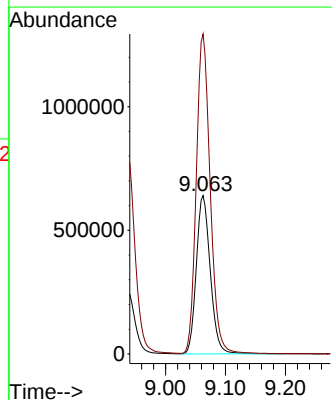
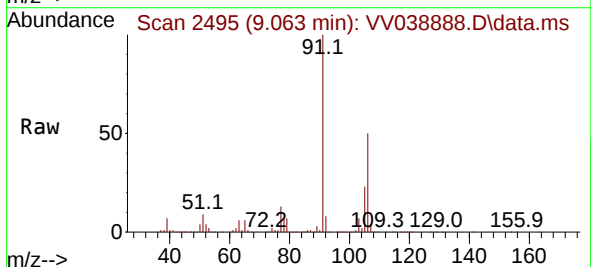
Acq: 11 Jul 2025 16:10

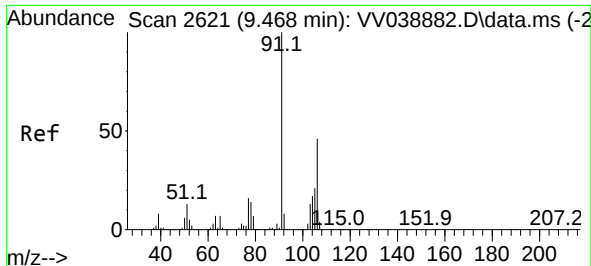
Tgt Ion:106 Resp: 1035655

Ion Ratio Lower Upper

106 100

91 201.7 161.0 241.6

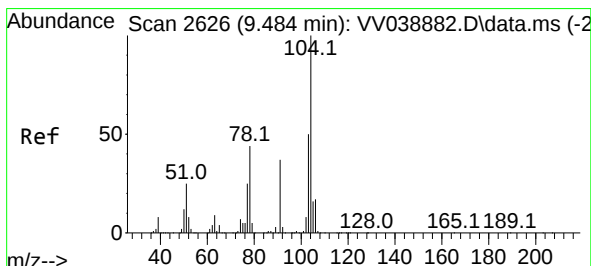
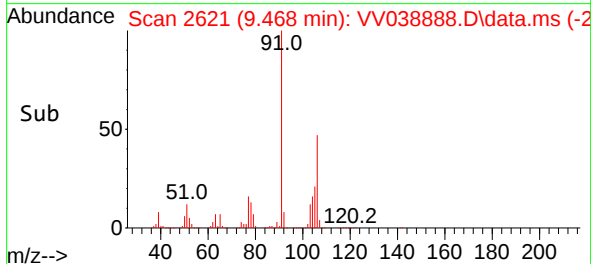
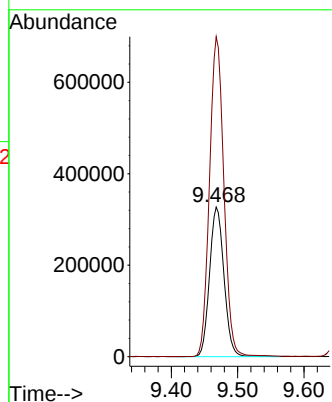
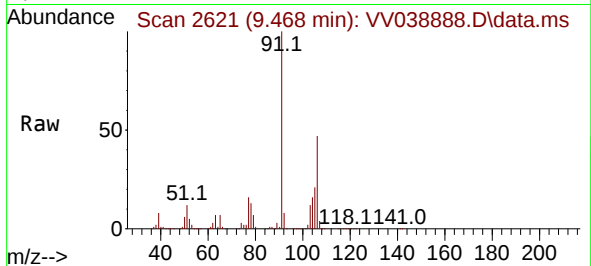




#69
o-Xylene
Concen: 57.355 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

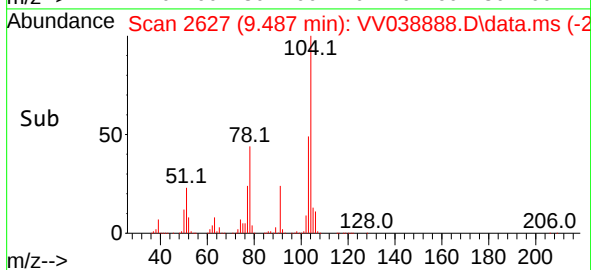
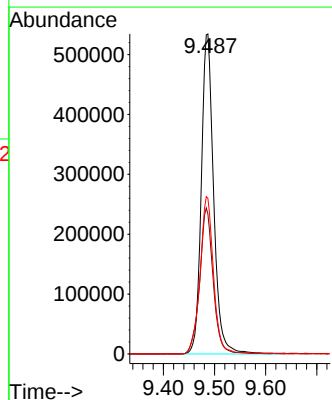
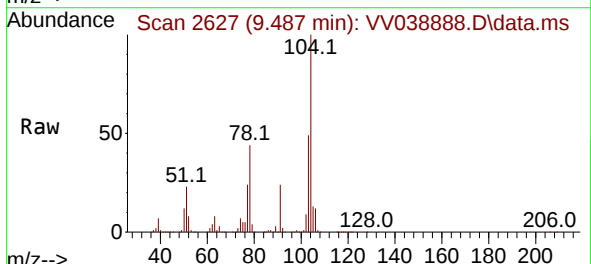
Instrument :
MSVOA_V
ClientSampleId :

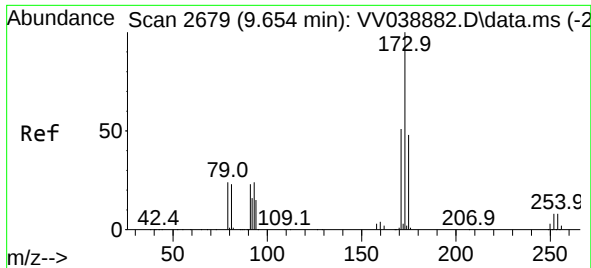
Tgt Ion:106 Resp: 493786
Ion Ratio Lower Upper
106 100
91 213.1 108.9 326.6



#70
Styrene
Concen: 59.164 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

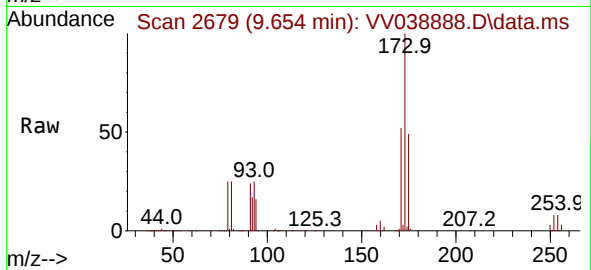
Tgt Ion:104 Resp: 900247
Ion Ratio Lower Upper
104 100
78 49.4 39.9 59.9
103 53.6 43.4 65.2



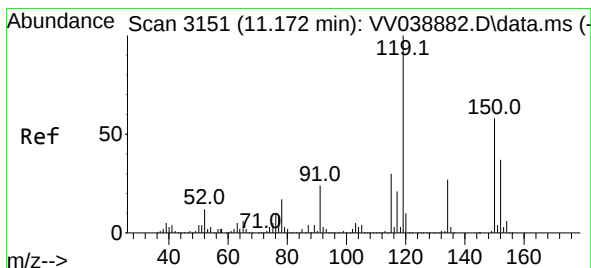
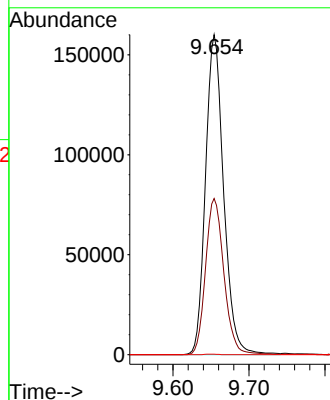
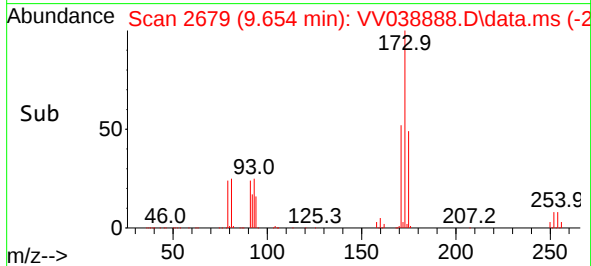


#71
Bromoform
Concen: 51.817 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Instrument :
MSVOA_V
ClientSampleId :

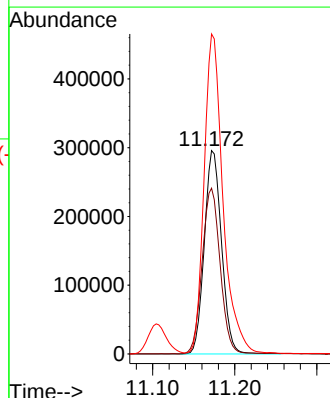
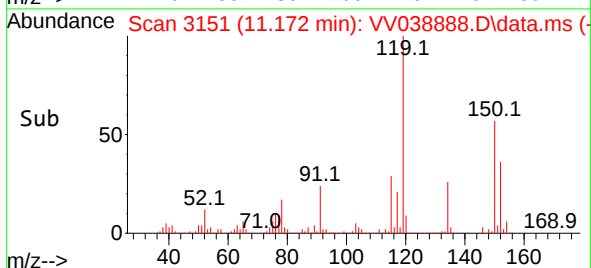
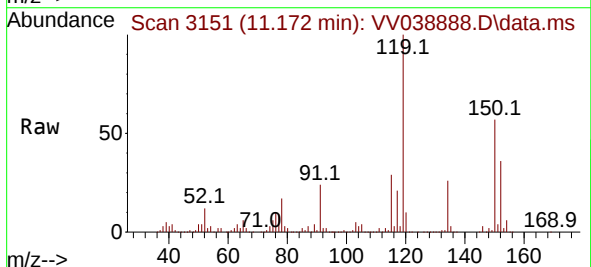


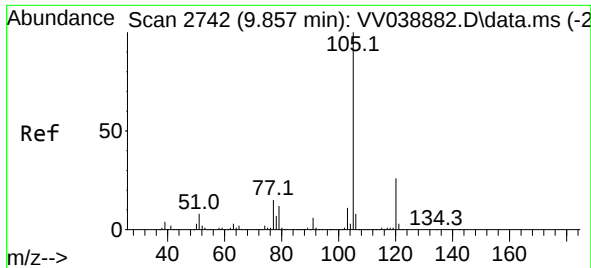
Tgt Ion:173 Resp: 265017
Ion Ratio Lower Upper
173 100
175 49.5 23.5 70.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:152 Resp: 430961
Ion Ratio Lower Upper
152 100
115 84.7 41.8 125.4
150 172.2 0.0 342.4

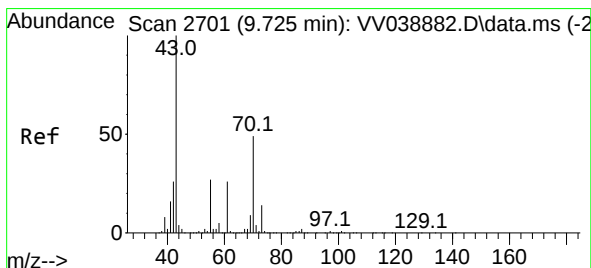
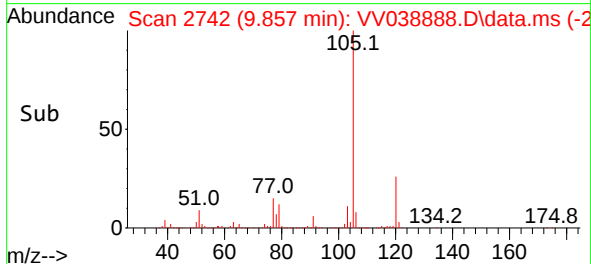
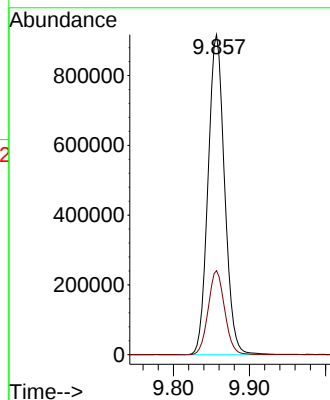
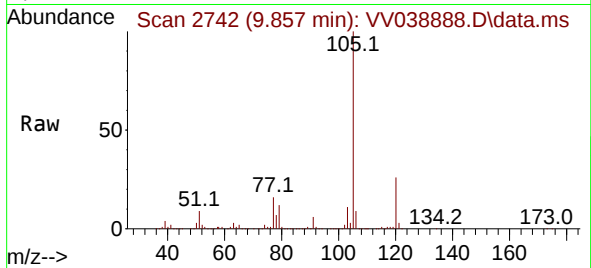




#73
Isopropylbenzene
Concen: 53.630 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

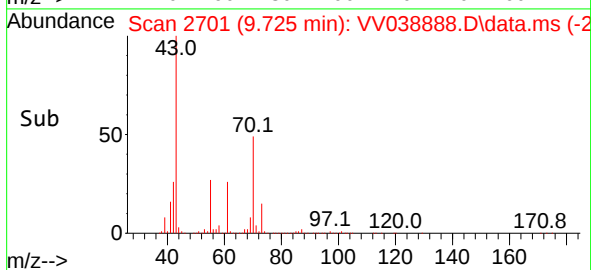
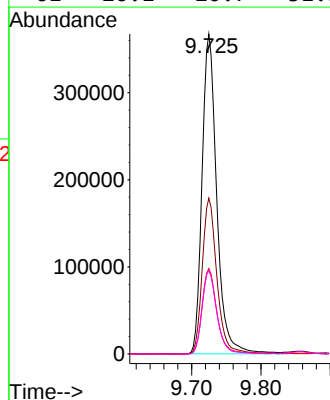
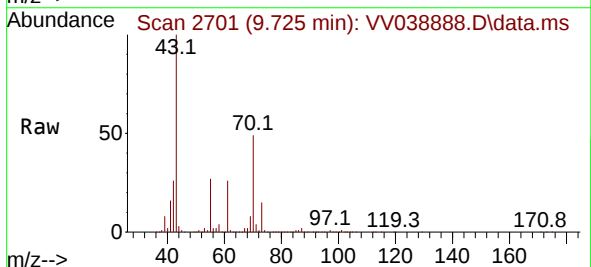
Instrument :
MSVOA_V
ClientSampleId :

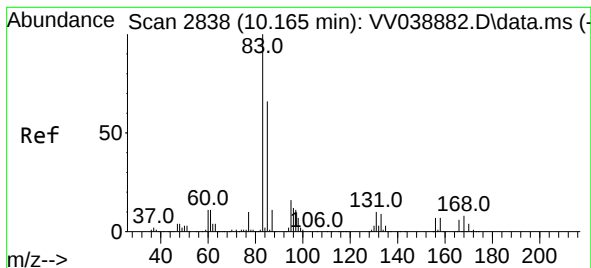
Tgt Ion:105 Resp: 1381009
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 57.253 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 43 Resp: 540051
Ion Ratio Lower Upper
43 100
70 48.9 38.6 58.0
55 27.1 21.8 32.8
61 26.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.021 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

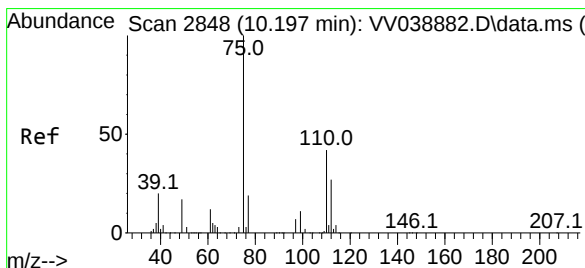
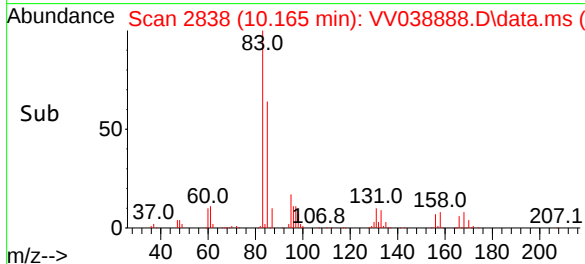
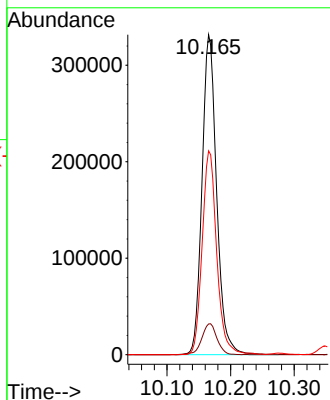
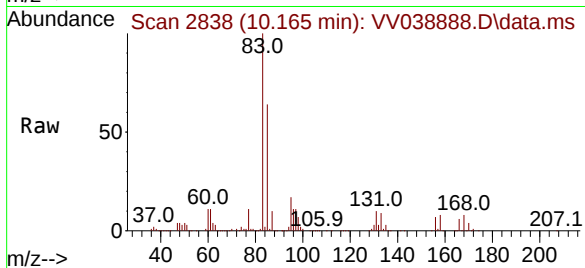
Tgt Ion: 83 Resp: 528739

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 63.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 48.821 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038888.D

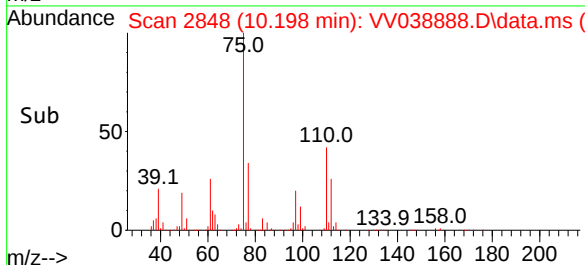
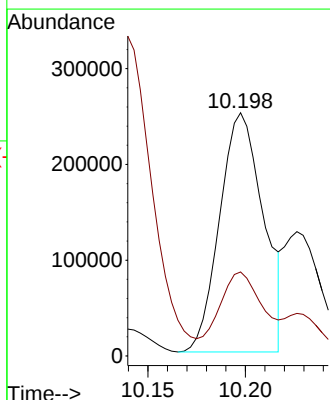
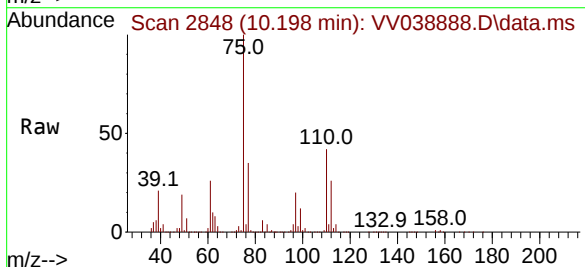
Acq: 11 Jul 2025 16:10

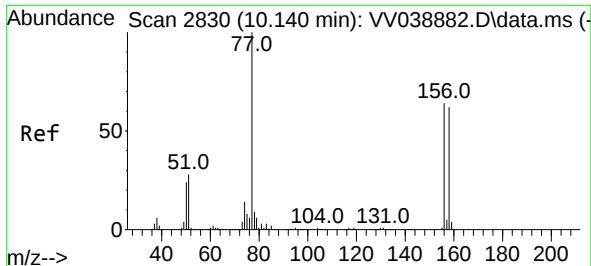
Tgt Ion: 75 Resp: 391184

Ion Ratio Lower Upper

75 100

77 24.2 17.4 52.3

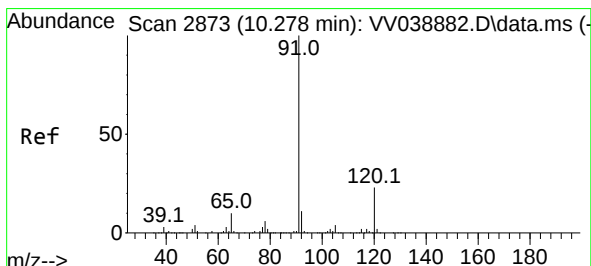
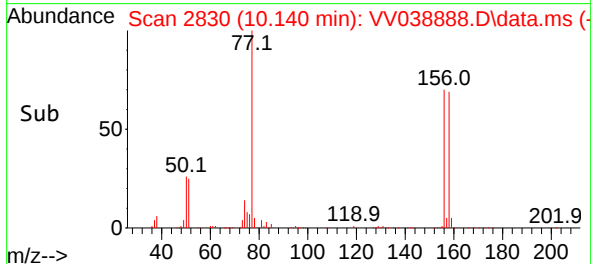
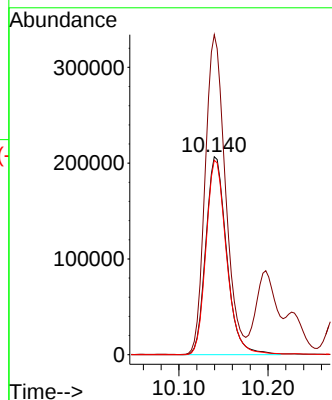
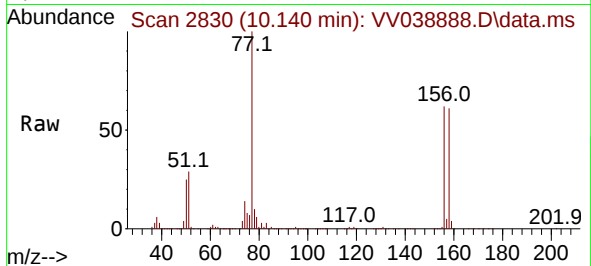




#77
Bromobenzene
Concen: 49.538 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

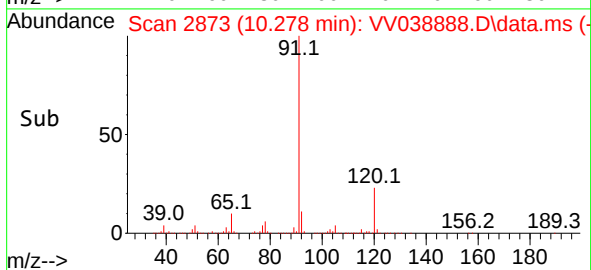
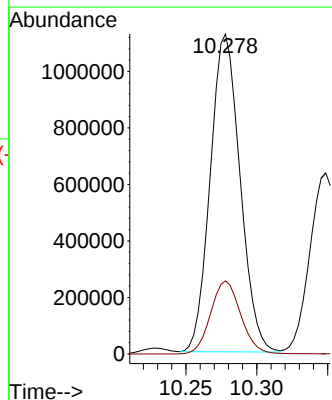
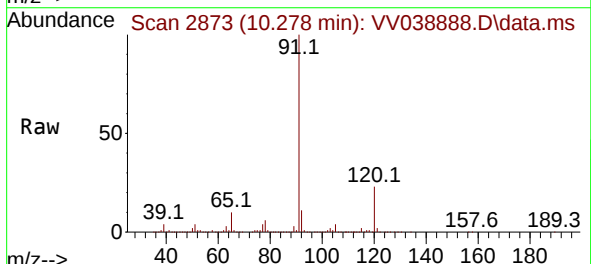
Instrument :
MSVOA_V
ClientSampleId :

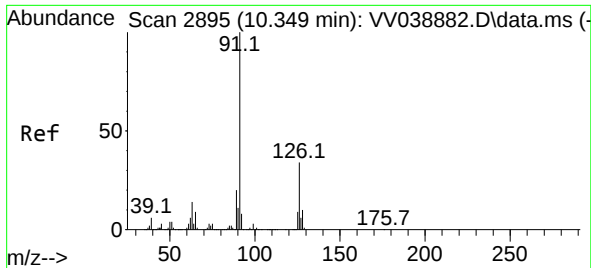
Tgt Ion:156 Resp: 334620
Ion Ratio Lower Upper
156 100
77 157.3 77.2 231.6
158 97.3 48.4 145.3



#78
n-propylbenzene
Concen: 54.688 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 91 Resp: 1645898
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

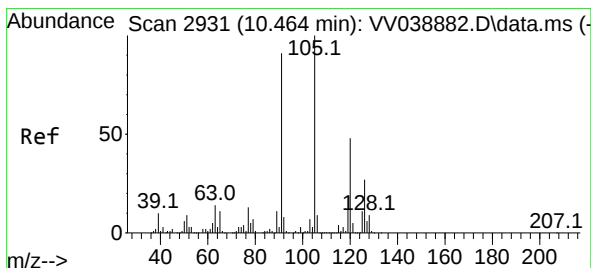
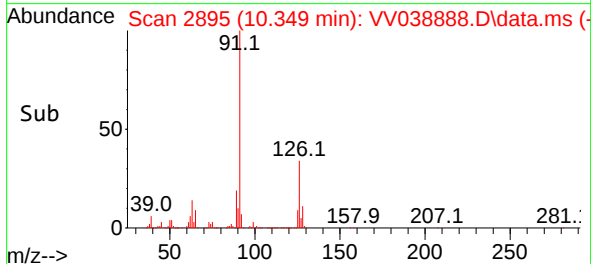
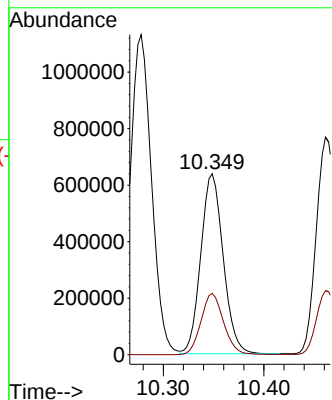
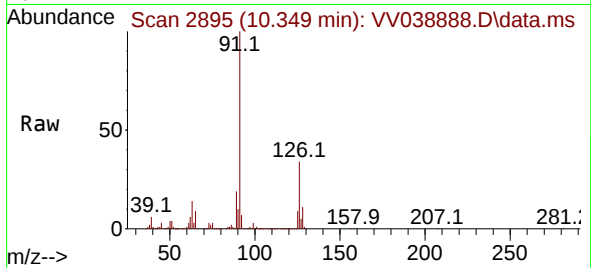




#79
2-Chlorotoluene
Concen: 51.547 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

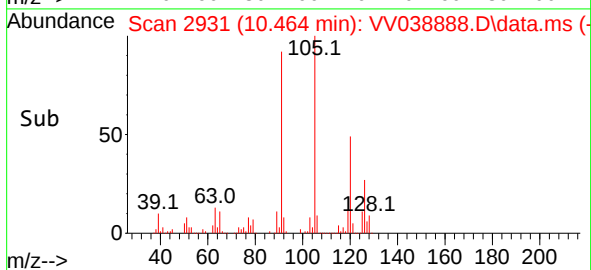
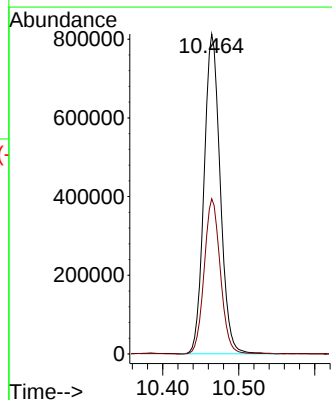
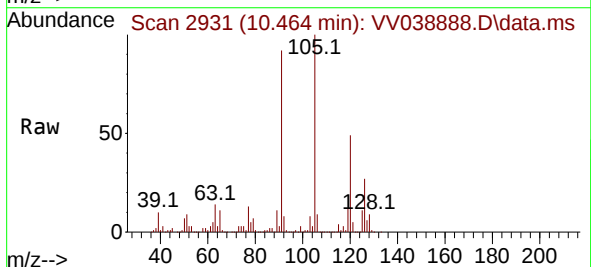
Instrument :
MSVOA_V
ClientSampleId :

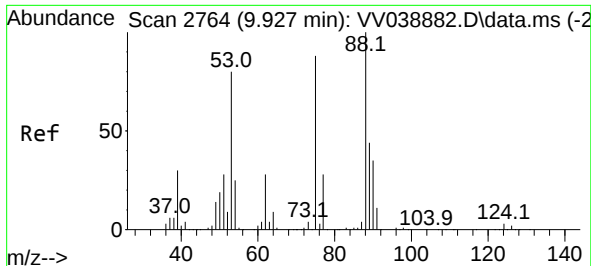
Tgt Ion: 91 Resp: 986607
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 55.243 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:105 Resp: 1199634
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0

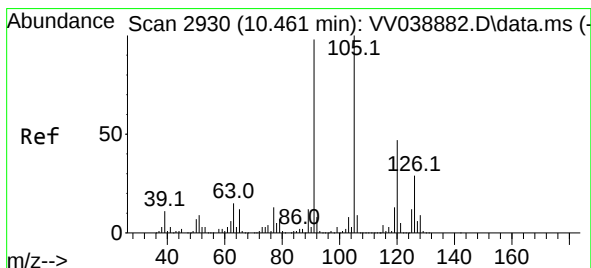
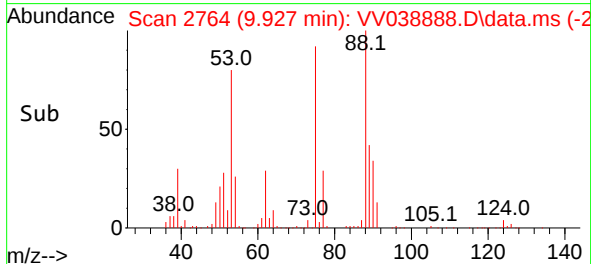
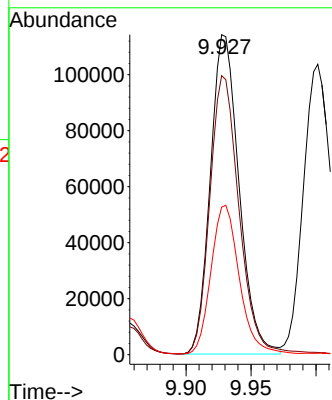
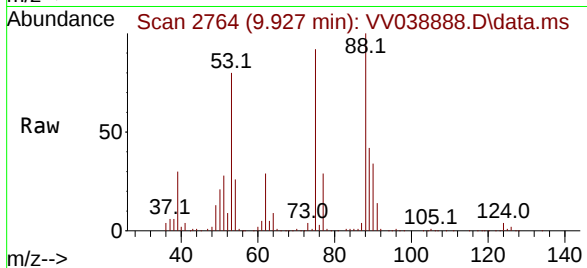




#81
trans-1,4-Dichloro-2-butene
Concen: 53.422 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

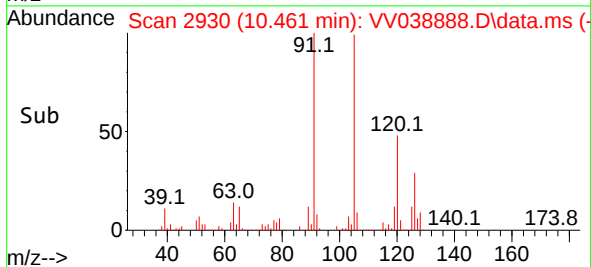
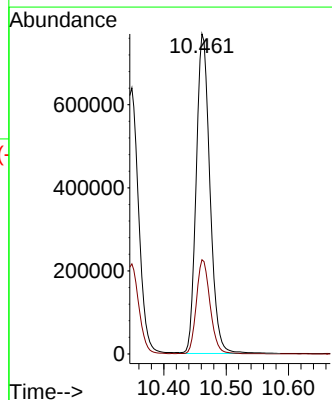
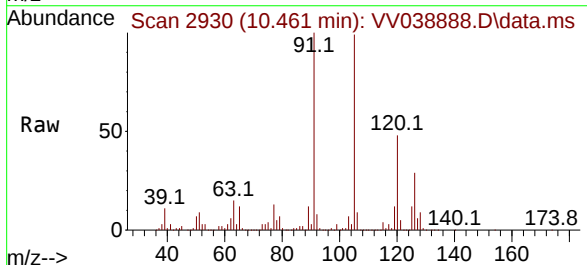
Instrument :
MSVOA_V
ClientSampleId :

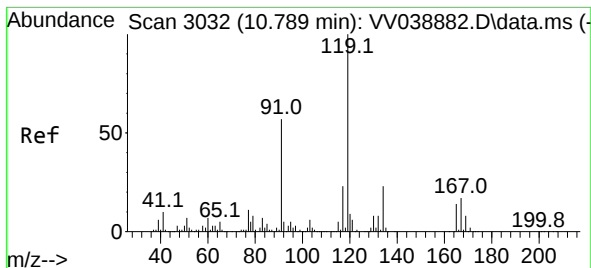
Tgt Ion: 75 Resp: 175408
Ion Ratio Lower Upper
75 100
53 88.6 71.3 106.9
89 45.9 42.2 63.2



#82
4-Chlorotoluene
Concen: 54.971 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 91 Resp: 1176119
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.9





#83

tert-Butylbenzene

Concen: 54.676 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

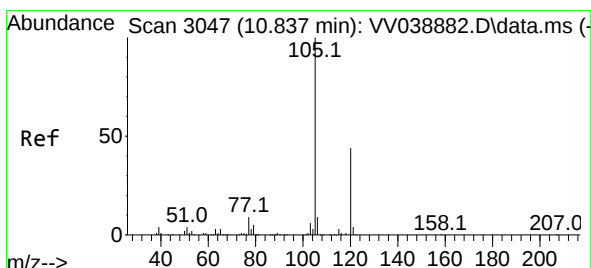
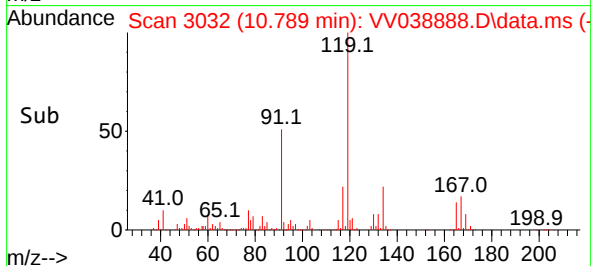
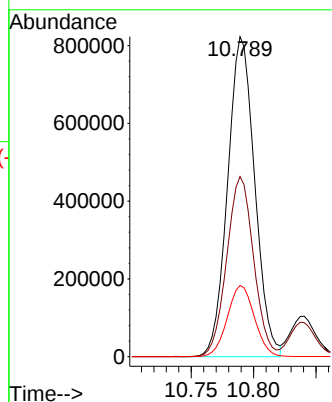
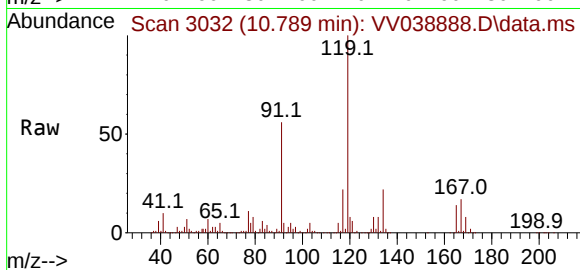
Tgt Ion:119 Resp: 1244815

Ion Ratio Lower Upper

119 100

91 55.7 28.1 84.2

134 22.3 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 56.252 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038888.D

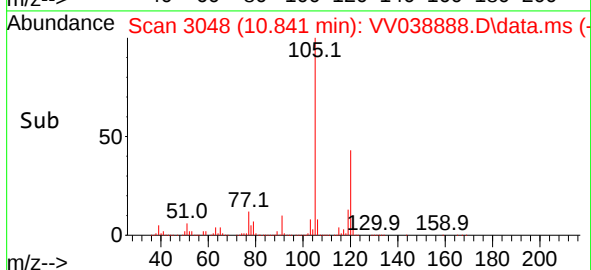
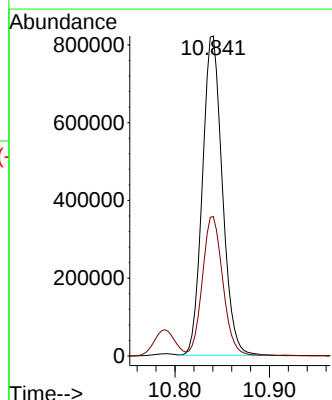
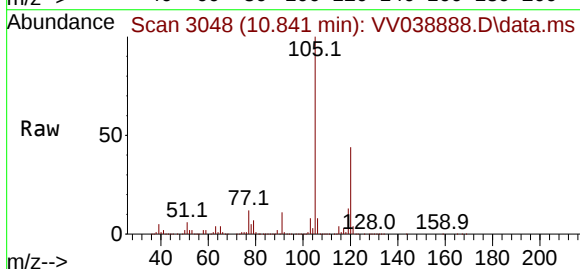
Acq: 11 Jul 2025 16:10

Tgt Ion:105 Resp: 1201952

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 54.734 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

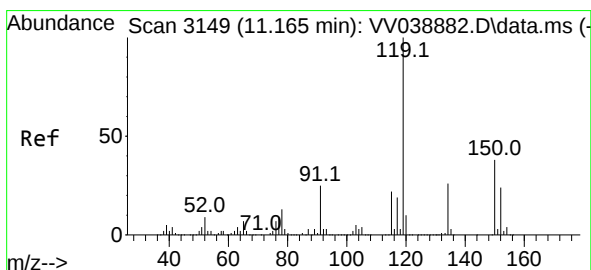
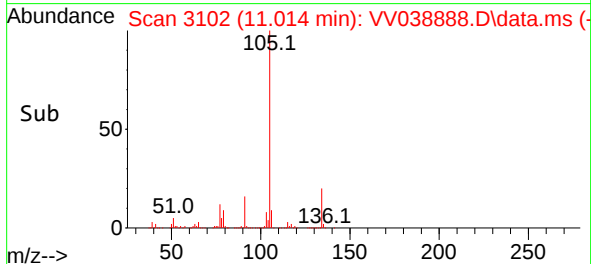
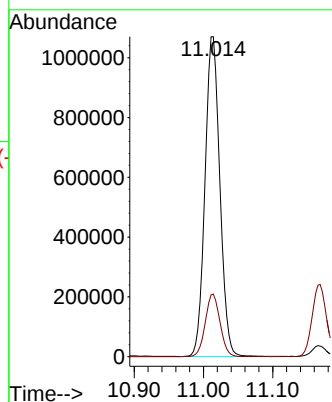
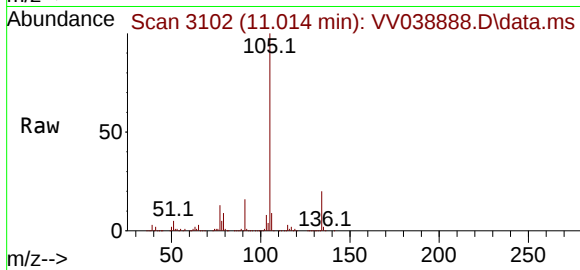
ClientSampleId :

Tgt Ion:105 Resp: 1590453

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 54.743 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

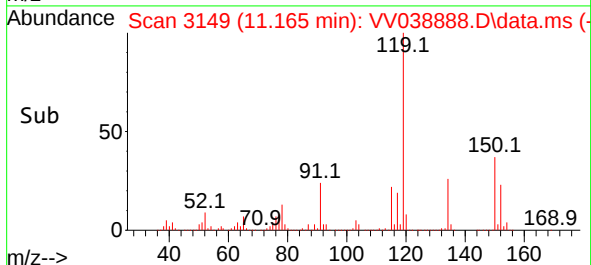
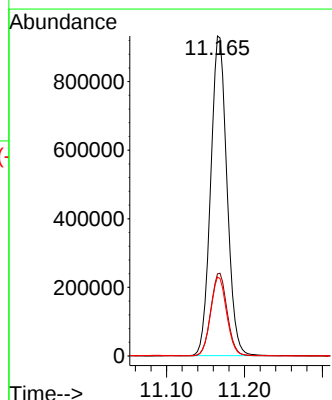
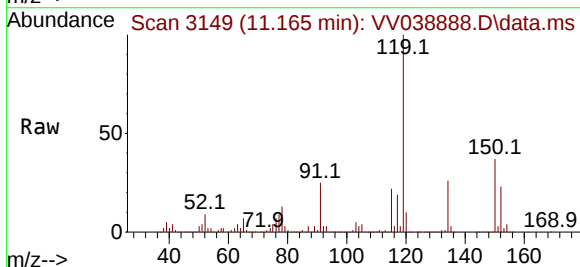
Tgt Ion:119 Resp: 1350553

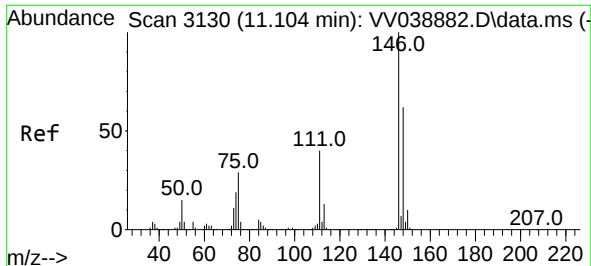
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.3 12.3 36.8

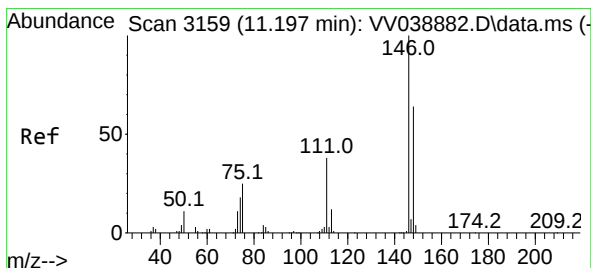
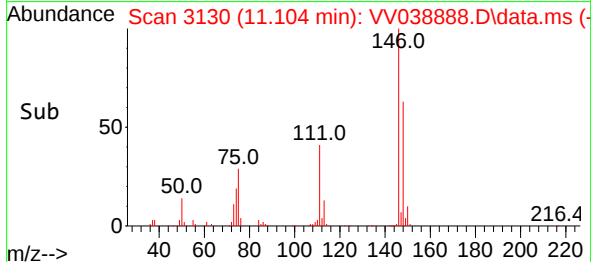
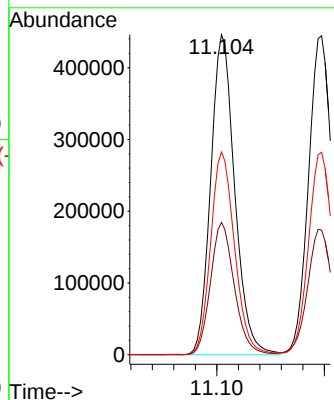
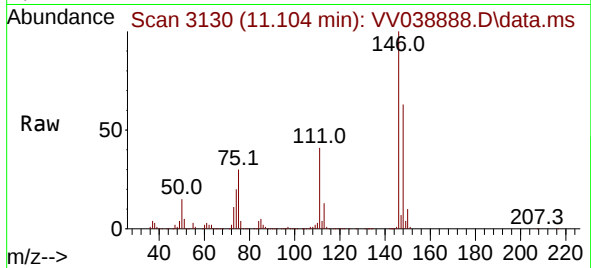




#87
1,3-Dichlorobenzene
Concen: 50.103 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

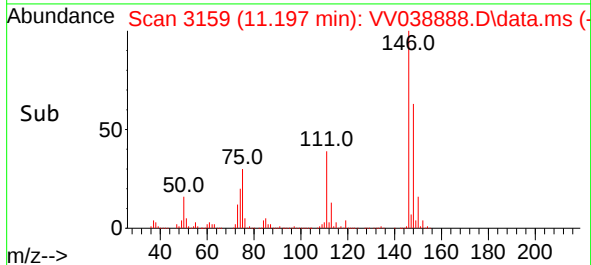
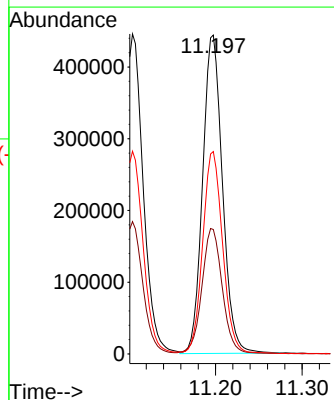
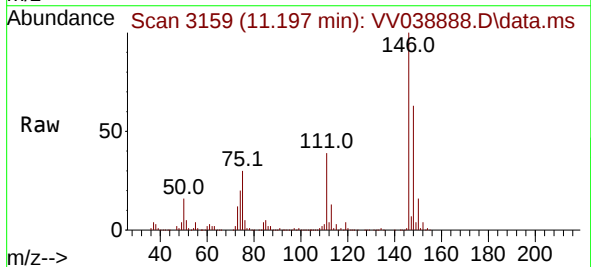
Instrument :
MSVOA_V
ClientSampleId :

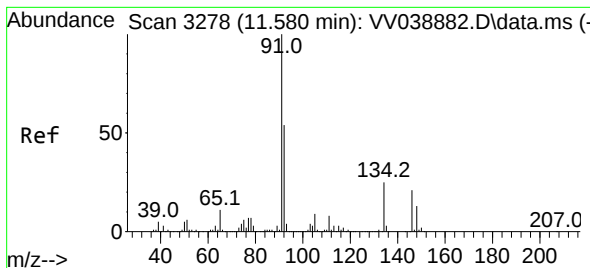
Tgt Ion:146 Resp: 690811
Ion Ratio Lower Upper
146 100
111 40.7 20.2 60.5
148 63.4 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 47.003 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:146 Resp: 704968
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.3
148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 56.370 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

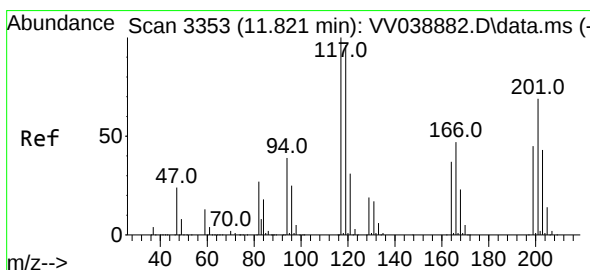
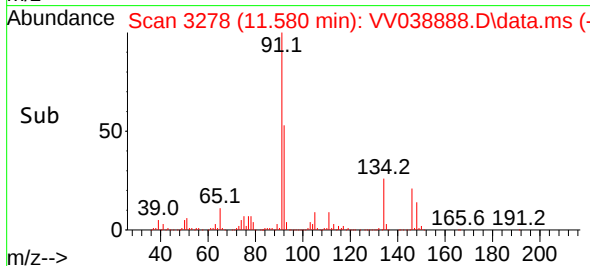
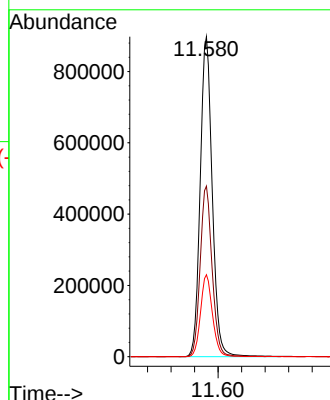
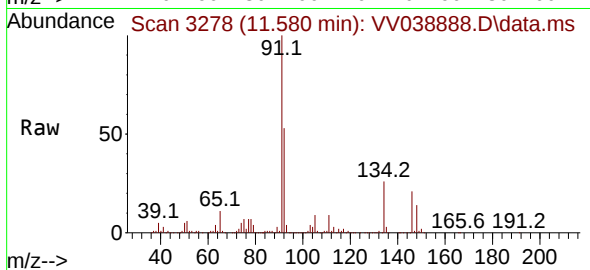
Tgt Ion: 91 Resp: 1269559

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 46.723 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038888.D

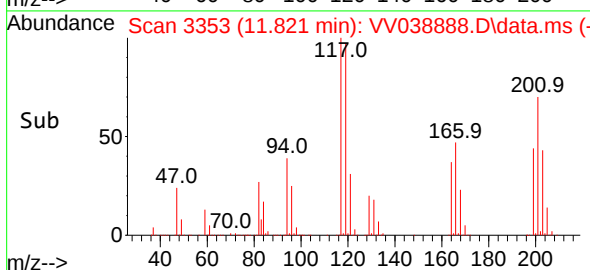
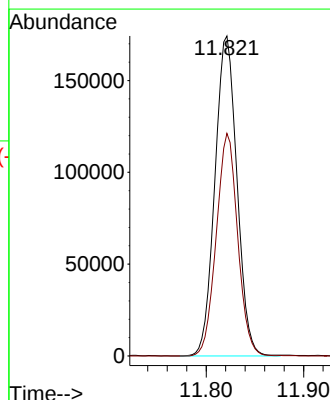
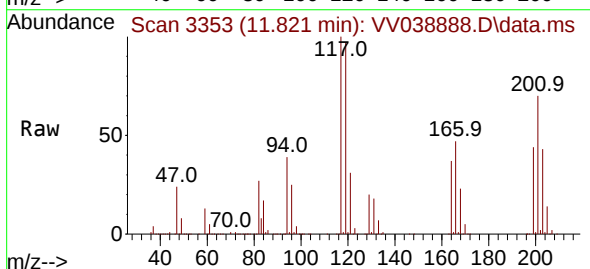
Acq: 11 Jul 2025 16:10

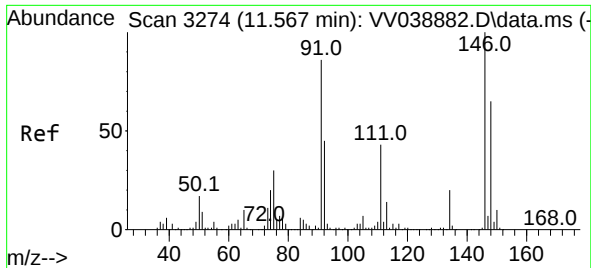
Tgt Ion: 117 Resp: 274164

Ion Ratio Lower Upper

117 100

201 67.5 34.0 102.0

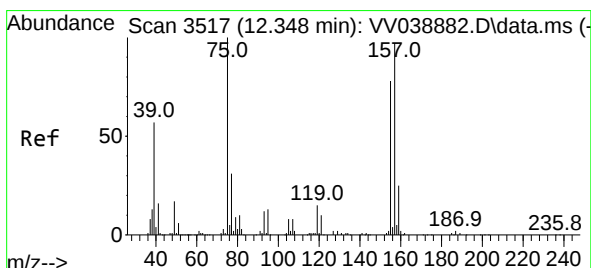
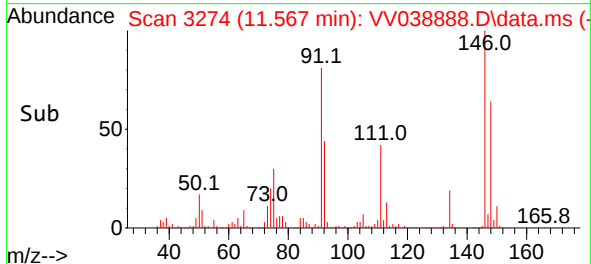
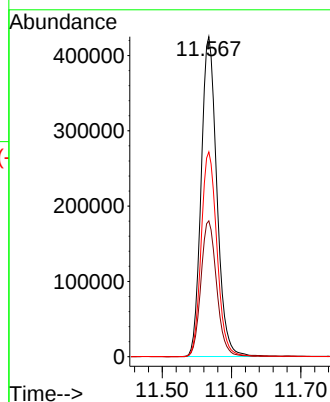
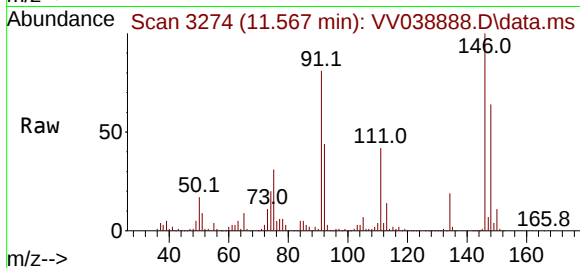




#91
1,2-Dichlorobenzene
Concen: 49.910 ug/l
RT: 11.567 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

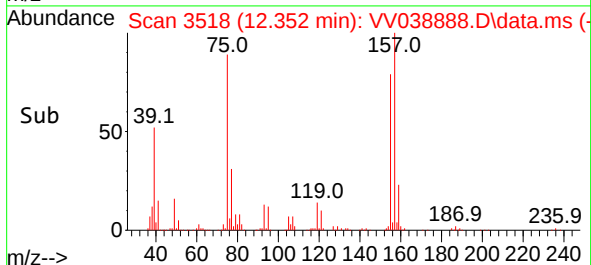
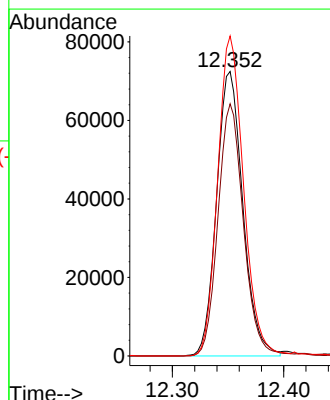
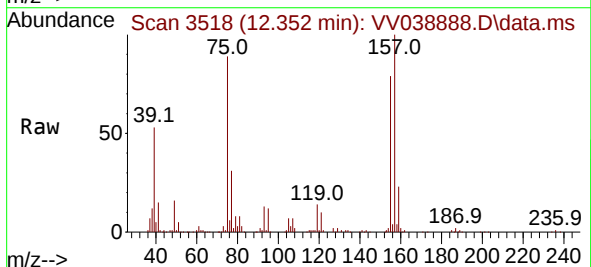
Instrument :
MSVOA_V
ClientSampleId :

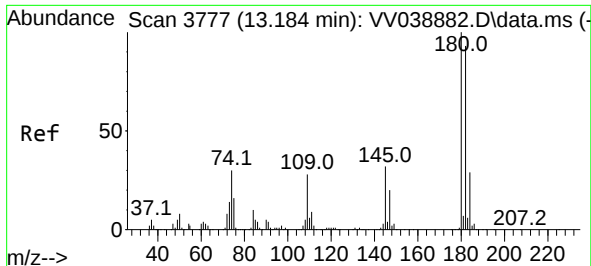
Tgt Ion:146 Resp: 668017
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.817 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

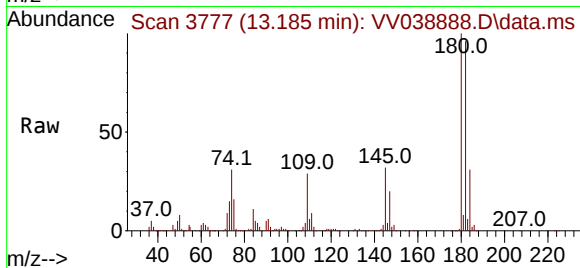
Tgt Ion: 75 Resp: 119042
Ion Ratio Lower Upper
75 100
155 85.7 40.2 120.6
157 110.6 51.1 153.3



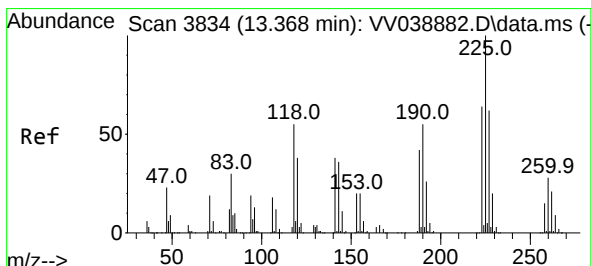
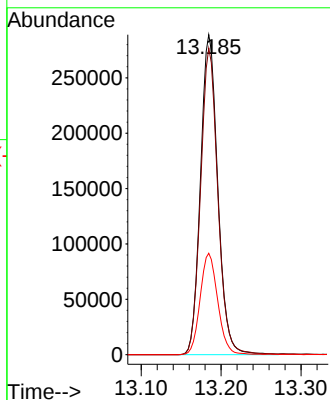
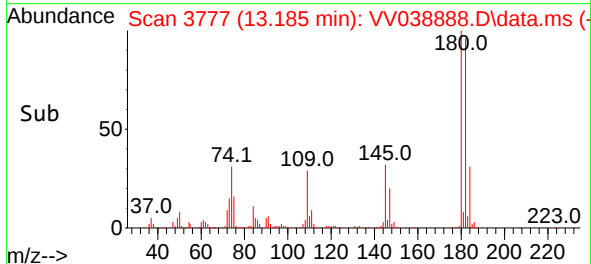


#93
1,2,4-Trichlorobenzene
Concen: 55.214 ug/l
RT: 13.185 min Scan# 3777
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Instrument :
MSVOA_V
ClientSampleId :

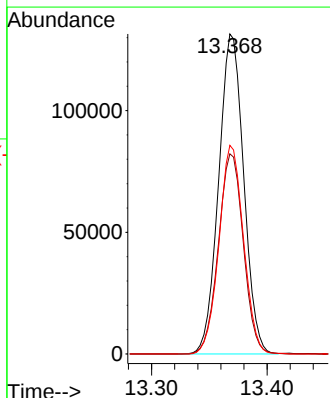
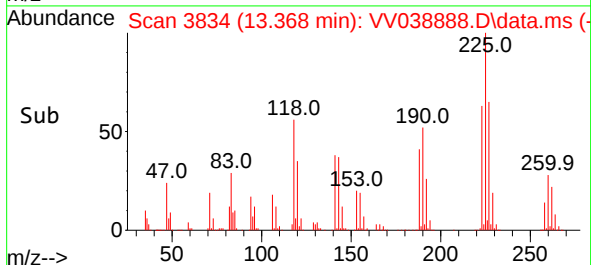
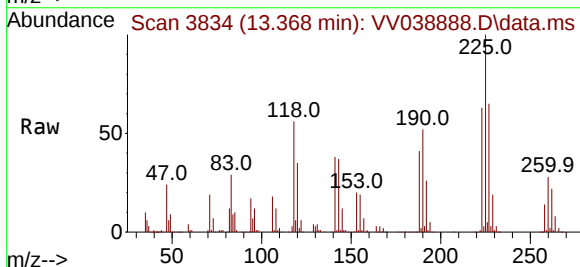


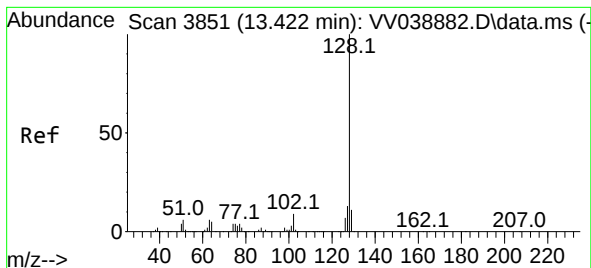
Tgt Ion:180 Resp: 436228
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.3
145 32.2 16.2 48.6



#94
Hexachlorobutadiene
Concen: 48.633 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VV038888.D
Acq: 11 Jul 2025 16:10

Tgt Ion:225 Resp: 197869
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 63.8 31.3 93.9





#95

Naphthalene

Concen: 61.147 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_V

ClientSampleId :

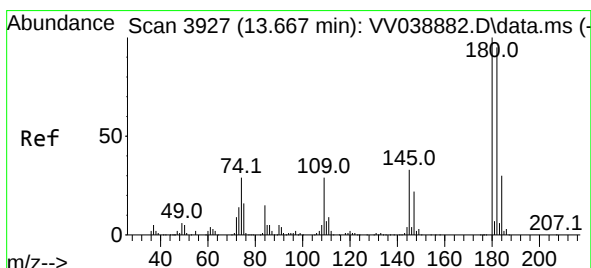
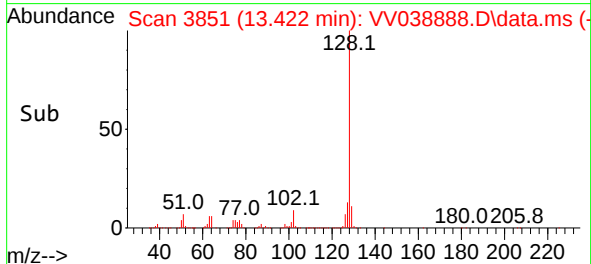
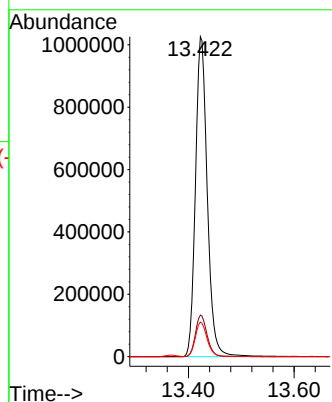
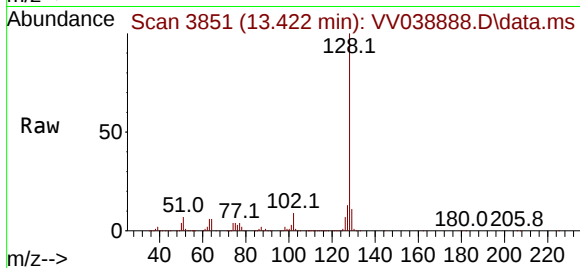
Tgt Ion:128 Resp: 1587259

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.919 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038888.D

Acq: 11 Jul 2025 16:10

Tgt Ion:180 Resp: 457928

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 33.7 17.0 51.0

