

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071125\
 Data File : VW038887.D
 Acq On : 11 Jul 2025 14:38
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 14 06:11:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	434291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	715091	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	675069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	371006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	54651	10.299	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	20.600%#
35) Dibromofluoromethane	4.503	113	46356	9.508	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	19.020%#
50) Toluene-d8	7.239	98	138202	9.378	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	18.760%#
62) 4-Bromofluorobenzene	10.008	95	56404	9.501	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	19.000%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	36497	9.564	ug/l	96
3) Chloromethane	1.230	50	40491	9.826	ug/l	99
4) Vinyl Chloride	1.294	62	47036	9.973	ug/l	93
5) Bromomethane	1.500	94	39684	9.829	ug/l	96
6) Chloroethane	1.561	64	33589	10.655	ug/l	97
7) Trichlorofluoromethane	1.725	101	87397	10.473	ug/l	98
8) Diethyl Ether	1.918	74	33532	11.174	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.079	101	52681	10.558	ug/l	99
10) Methyl Iodide	2.195	142	50477	8.812	ug/l	99
11) Tert butyl alcohol	2.564	59	72082	59.004	ug/l	99
12) 1,1-Dichloroethene	2.082	96	45107	9.921	ug/l	99
13) Acrolein	2.011	56	7361	41.666	ug/l #	78
14) Allyl chloride	2.359	41	78150	10.789	ug/l	99
15) Acrylonitrile	2.674	53	175575	56.162	ug/l	100
16) Acetone	2.121	43	145379	63.314	ug/l	99
17) Carbon Disulfide	2.252	76	85336	9.858	ug/l	99
18) Methyl Acetate	2.381	43	93709	12.062	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	190771	11.191	ug/l	99
20) Methylene Chloride	2.455	84	59893	10.282	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	48327	9.990	ug/l	97
22) Diisopropyl ether	3.217	45	165595	11.442	ug/l	100
23) Vinyl Acetate	3.191	43	610054	53.758	ug/l	98
24) 1,1-Dichloroethane	3.117	63	103359	10.905	ug/l	99
25) 2-Butanone	3.873	43	188397	57.312	ug/l	97
26) 2,2-Dichloropropane	3.809	77	84956	10.238	ug/l	97
27) cis-1,2-Dichloroethene	3.825	96	57714	10.390	ug/l	98
28) Bromochloromethane	4.149	49	36165	9.857	ug/l	98
29) Tetrahydrofuran	4.243	42	119237	54.971	ug/l	95
30) Chloroform	4.278	83	115325	11.036	ug/l	98
31) Cyclohexane	4.580	56	63789	10.253	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	100690	11.044	ug/l	96
36) 1,1-Dichloropropene	4.747	75	52643	9.395	ug/l	96
37) Ethyl Acetate	3.989	43	68638	10.404	ug/l	94
38) Carbon Tetrachloride	4.731	117	72664	9.763	ug/l	98
39) Methylcyclohexane	6.050	83	62872	9.510	ug/l	95
40) Benzene	5.011	78	200286	10.544	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	28998	9.700	ug/l	90
42) 1,2-Dichloroethane	5.043	62	74928	10.349	ug/l	100
43) Isopropyl Acetate	5.201	43	107378	10.292	ug/l	98
44) Trichloroethene	5.834	130	50839	10.243	ug/l	98
45) 1,2-Dichloropropane	6.091	63	52109	10.385	ug/l	97
46) Dibromomethane	6.230	93	41228	10.620	ug/l	98
47) Bromodichloromethane	6.429	83	87790	10.655	ug/l	93
48) Methyl methacrylate	6.307	41	42800	9.367	ug/l	93
49) 1,4-Dioxane	6.294	88	21545	219.703	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	396913	55.869	ug/l	98
52) Toluene	7.310	92	125793	10.512	ug/l	99
53) t-1,3-Dichloropropene	7.580	75	76111	10.209	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	83567	10.369	ug/l	97
55) 1,1,2-Trichloroethane	7.763	97	60997	10.665	ug/l	97
56) Ethyl methacrylate	7.722	69	71111	10.463	ug/l	98
57) 1,3-Dichloropropane	7.937	76	91836	10.709	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.815	63	169453	41.340	ug/l	98
59) 2-Hexanone	8.069	43	283236	53.557	ug/l	96
60) Dibromochloromethane	8.169	129	72928	10.828	ug/l	100
61) 1,2-Dibromoethane	8.275	107	63434	11.009	ug/l	94
64) Tetrachloroethene	7.899	164	45019	10.168	ug/l	96
65) Chlorobenzene	8.805	112	151630	10.280	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.898	131	63016	10.713	ug/l	99
67) Ethyl Benzene	8.940	91	224933	10.270	ug/l	100
68) m/p-Xylenes	9.066	106	174808	20.500	ug/l	99
69) o-Xylene	9.471	106	84887	10.547	ug/l	91
70) Styrene	9.490	104	145592	10.235	ug/l	98
71) Bromoform	9.657	173	51021	10.671	ug/l #	97
73) Isopropylbenzene	9.857	105	232481	10.487	ug/l	100
74) N-amyl acetate	9.728	43	86428	10.643	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	105206	11.330	ug/l	97
76) 1,2,3-Trichloropropane	10.201	75	78348	11.358	ug/l	77
77) Bromobenzene	10.143	156	62428	10.736	ug/l	97
78) n-propylbenzene	10.278	91	271734	10.488	ug/l	99
79) 2-Chlorotoluene	10.349	91	174450	10.587	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	197610	10.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	29748	10.524	ug/l	95
82) 4-Chlorotoluene	10.464	91	195456	10.612	ug/l	99
83) tert-Butylbenzene	10.789	119	204673	10.443	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	190985	10.383	ug/l	99
85) sec-Butylbenzene	11.014	105	260761	10.424	ug/l	100
86) p-Isopropyltoluene	11.168	119	219003	10.312	ug/l	98
87) 1,3-Dichlorobenzene	11.107	146	128005	10.784	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	132944	10.296	ug/l	95
89) n-Butylbenzene	11.583	91	192052	9.905	ug/l	99
90) Hexachloroethane	11.821	117	51317	10.159	ug/l	100
91) 1,2-Dichlorobenzene	11.570	146	123742	10.739	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	21180	10.089	ug/l	93
93) 1,2,4-Trichlorobenzene	13.188	180	68322	10.045	ug/l	99
94) Hexachlorobutadiene	13.368	225	35108	10.023	ug/l	98
95) Naphthalene	13.426	128	220060	9.777	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	72753	10.320	ug/l	98

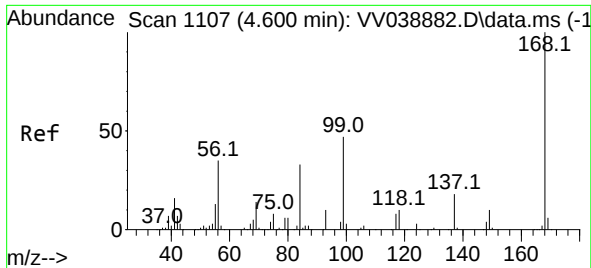
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 06:07:21 2025
Response via : Initial Calibration

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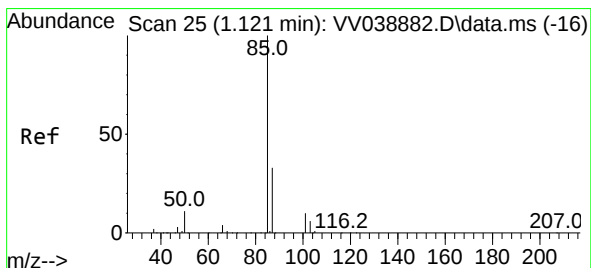
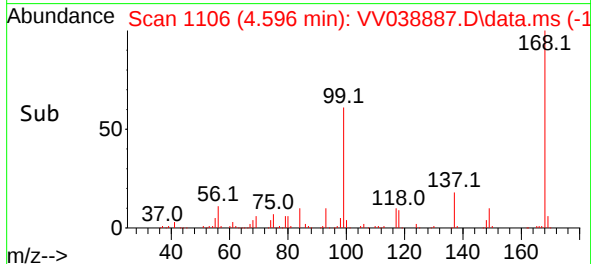
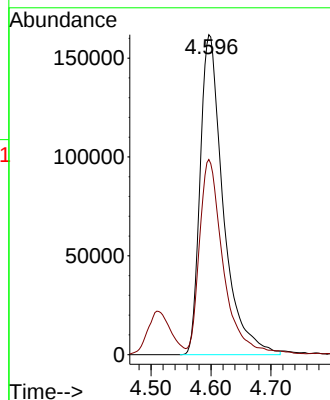
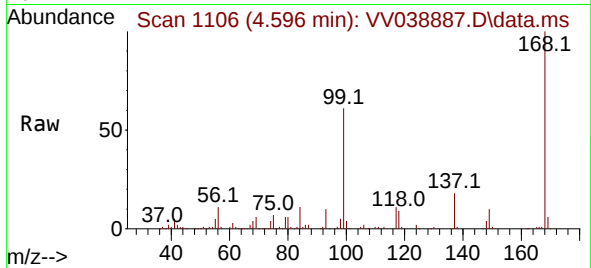
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

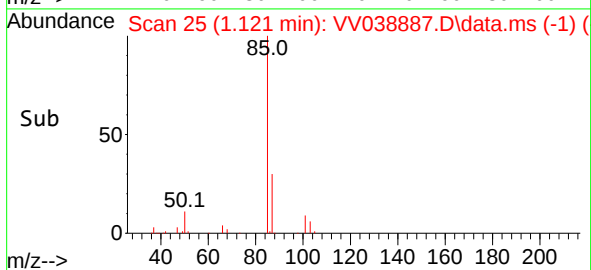
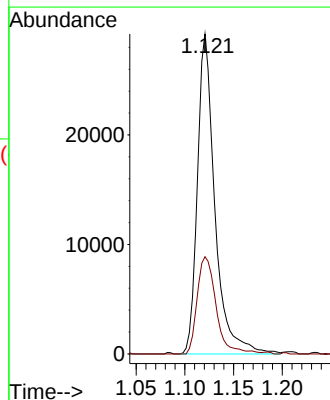
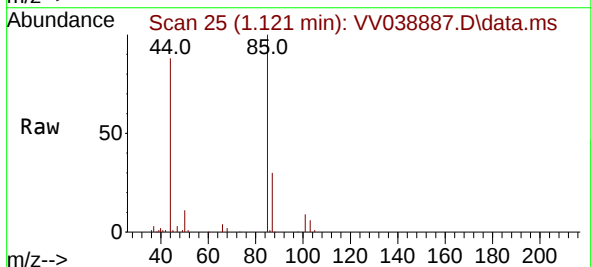
Instrument :
MSVOA_V
ClientSampleId :
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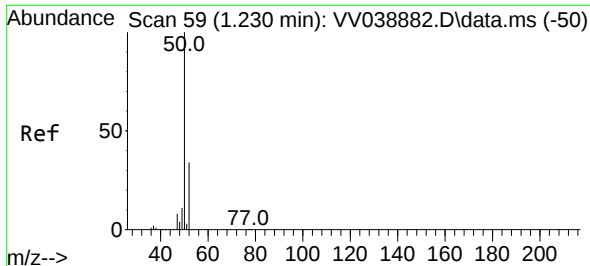
Tgt Ion:168 Resp: 434291
Ion Ratio Lower Upper
168 100
99 59.8 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 9.564 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 85 Resp: 36497
Ion Ratio Lower Upper
85 100
87 30.4 16.3 48.8

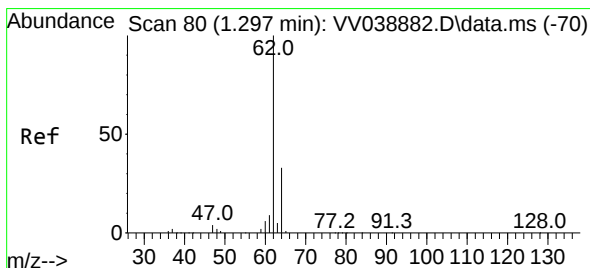
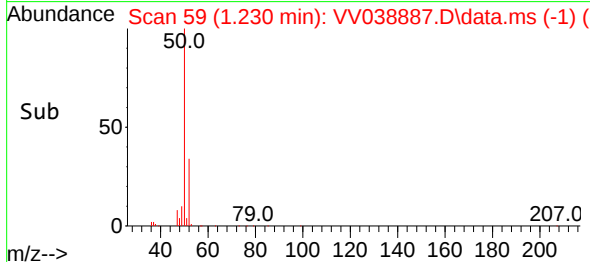
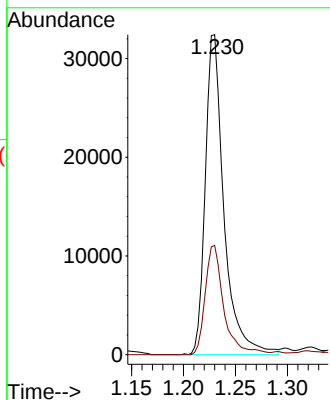
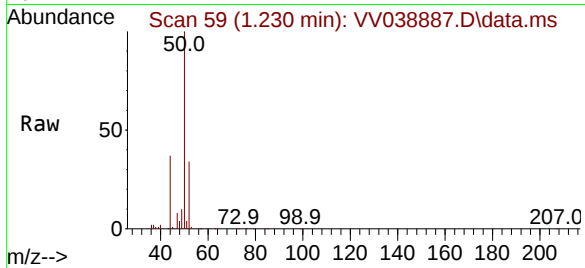




#3
Chloromethane
Concen: 9.826 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

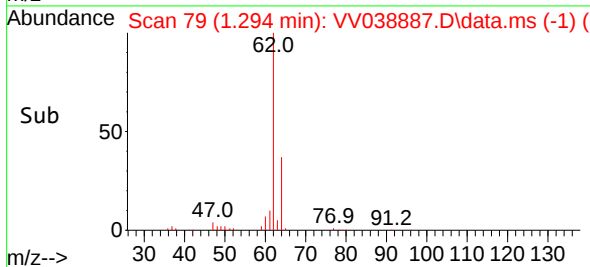
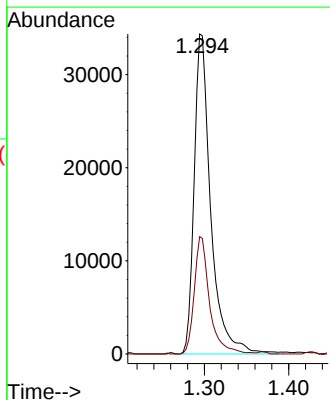
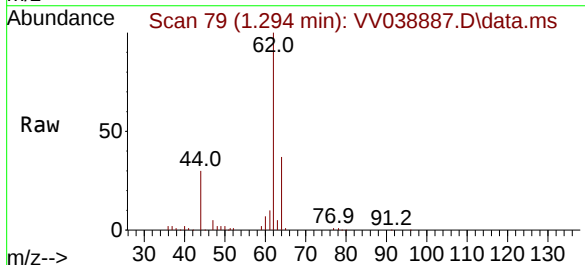
Instrument :
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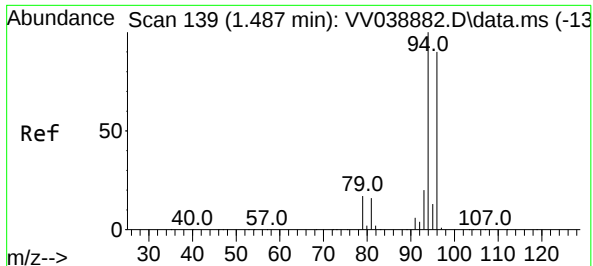
Tgt Ion: 50 Resp: 40491
Ion Ratio Lower Upper
50 100
52 34.1 26.9 40.3



#4
Vinyl Chloride
Concen: 9.973 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 62 Resp: 47036
Ion Ratio Lower Upper
62 100
64 36.6 26.2 39.2

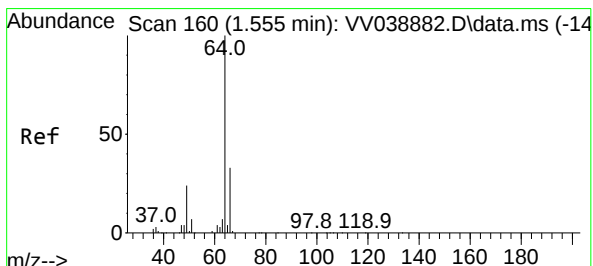
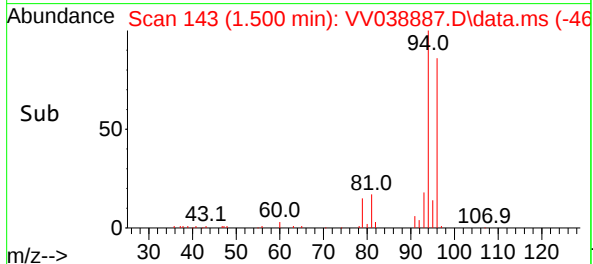
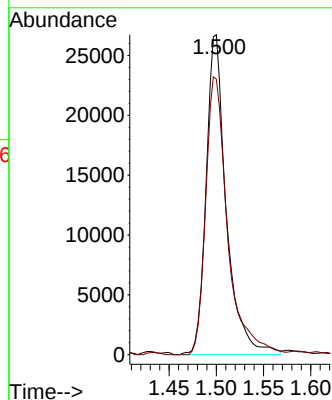
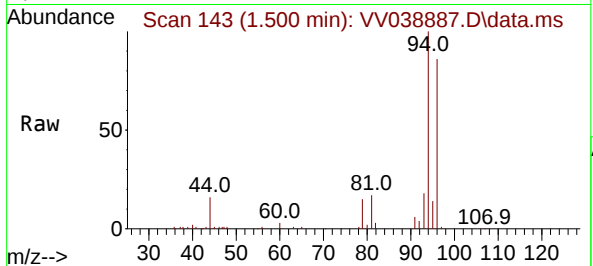




#5
Bromomethane
Concen: 9.829 ug/l
RT: 1.500 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

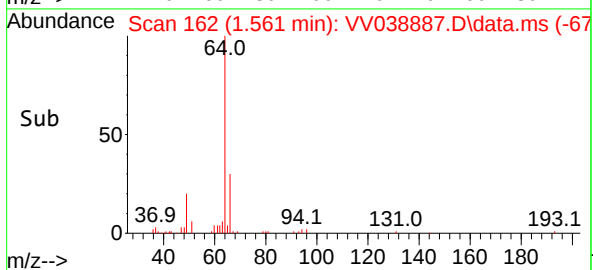
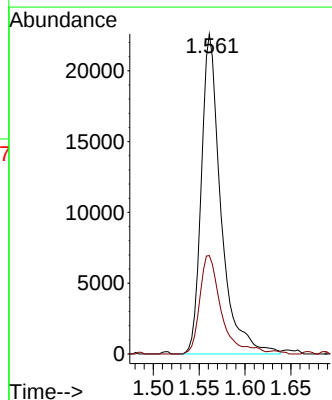
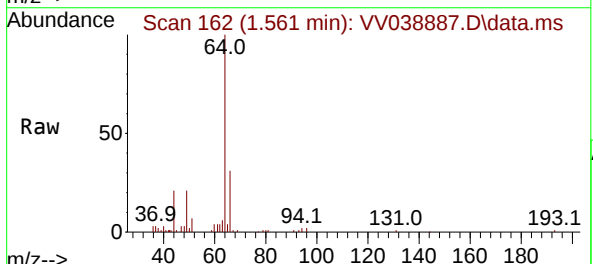
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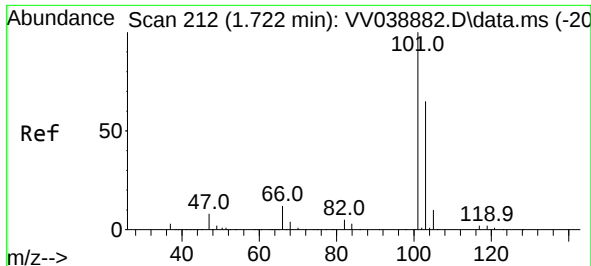
Tgt Ion: 94 Resp: 39684
Ion Ratio Lower Upper
94 100
96 86.1 71.9 107.9



#6
Chloroethane
Concen: 10.655 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 64 Resp: 33589
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.2

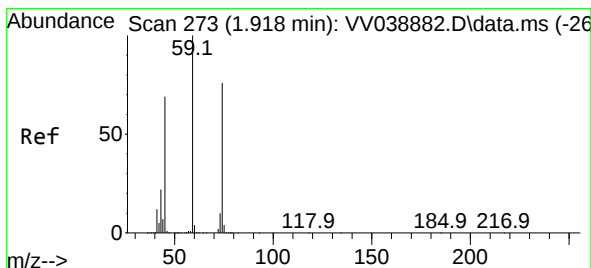
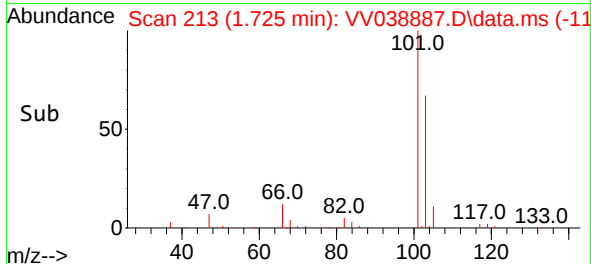
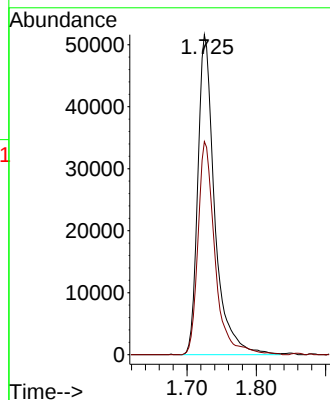
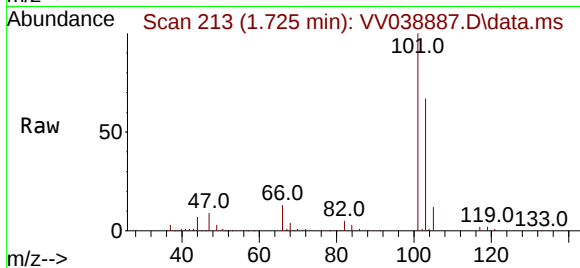




#7
Trichlorofluoromethane
Concen: 10.473 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

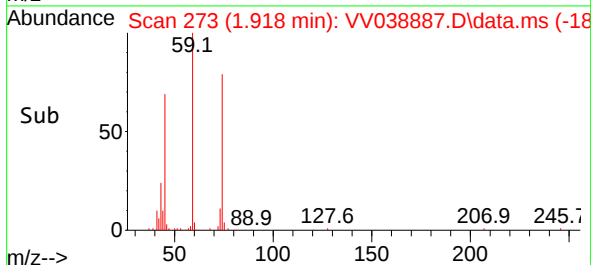
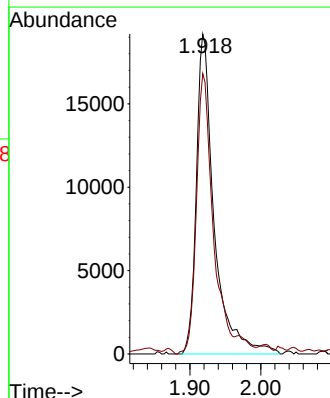
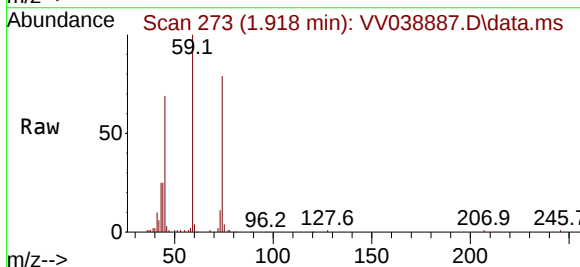
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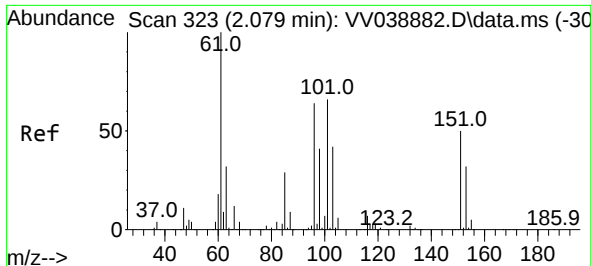
Tgt Ion:101 Resp: 87397
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.6



#8
Diethyl Ether
Concen: 11.174 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 74 Resp: 33532
Ion Ratio Lower Upper
74 100
45 81.1 45.5 136.5

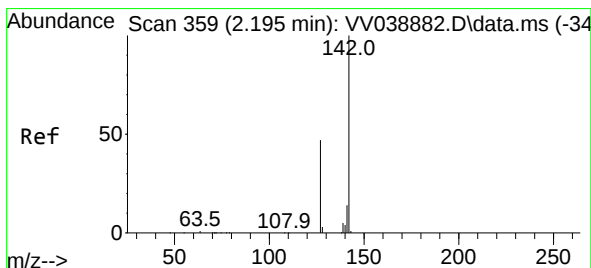
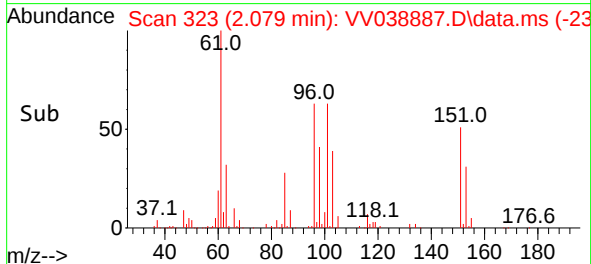
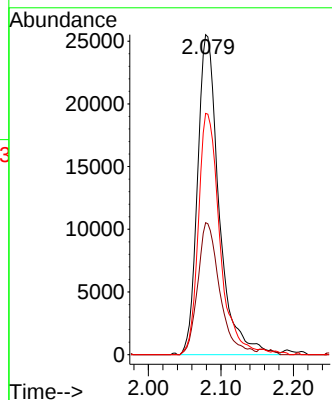
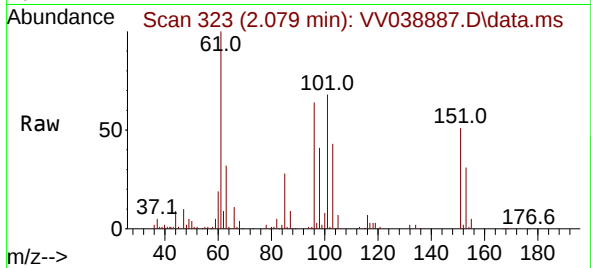




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.558 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

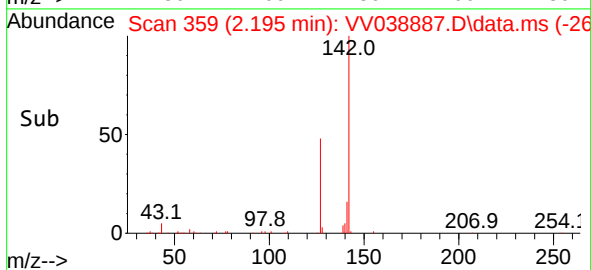
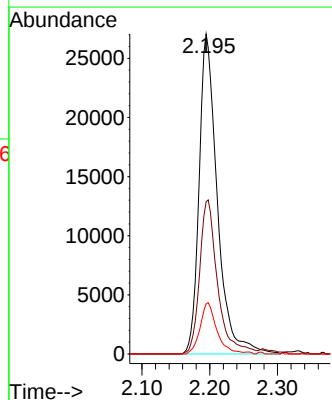
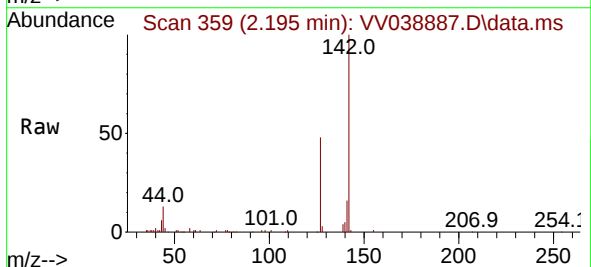
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

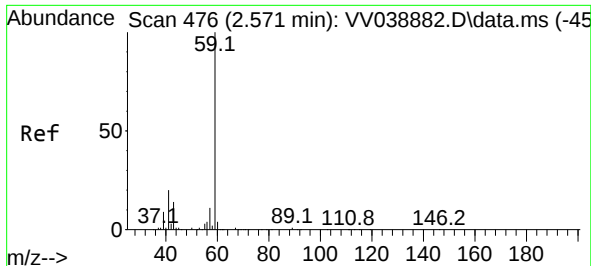
Tgt Ion:101 Resp: 52681
Ion Ratio Lower Upper
101 100
85 42.1 35.0 52.6
151 75.4 60.1 90.1



#10
Methyl Iodide
Concen: 8.812 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion:142 Resp: 50477
Ion Ratio Lower Upper
142 100
127 47.4 37.3 55.9
141 14.7 11.2 16.8

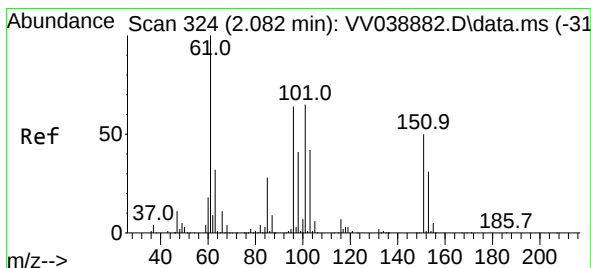
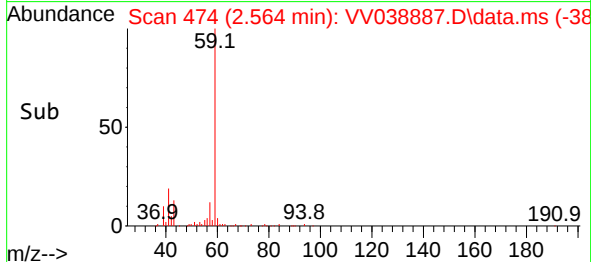
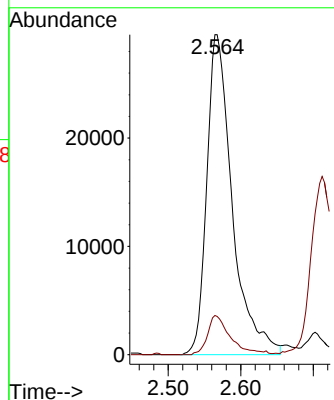
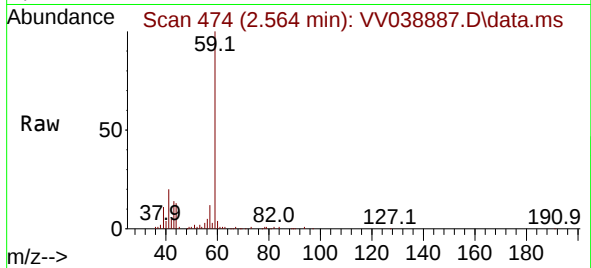




#11
Tert butyl alcohol
Concen: 59.004 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

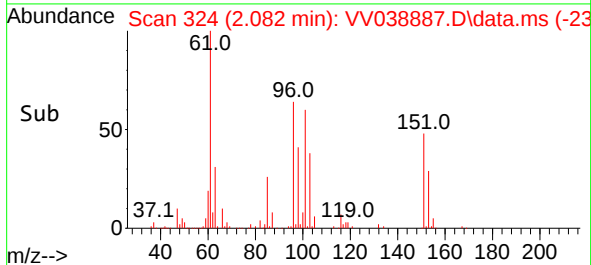
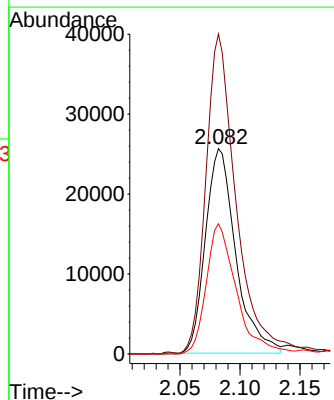
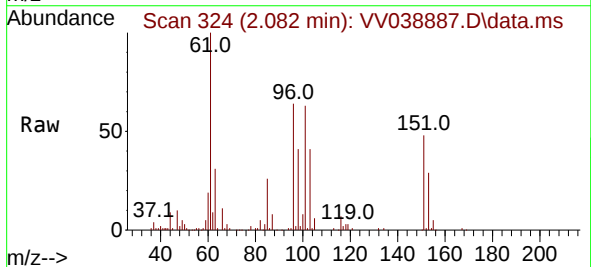
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

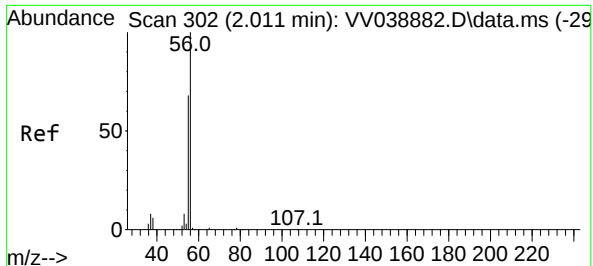
Tgt Ion: 59 Resp: 72082
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 9.921 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 96 Resp: 45107
Ion Ratio Lower Upper
96 100
61 156.1 124.1 186.1
98 63.7 50.6 75.8

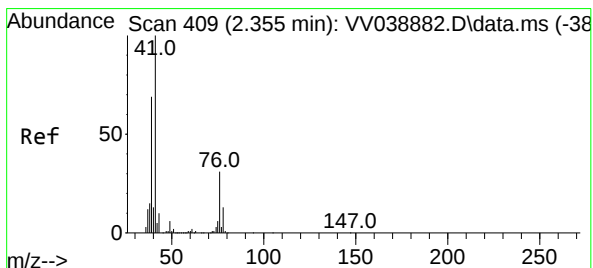
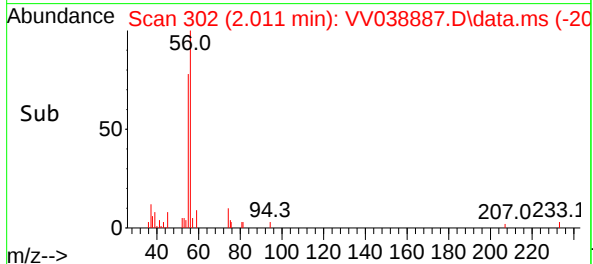
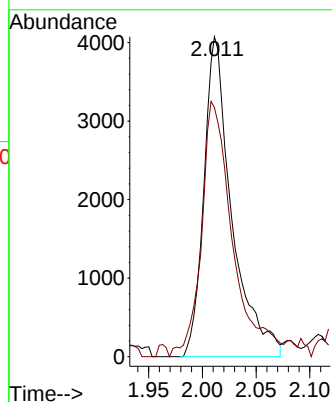
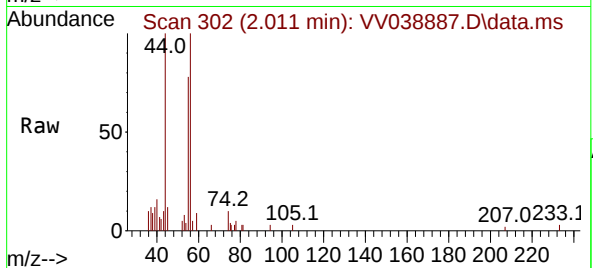




#13
Acrolein
Concen: 41.666 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

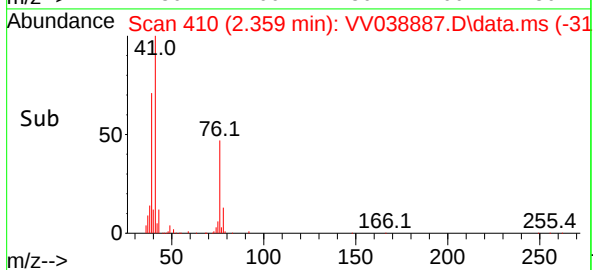
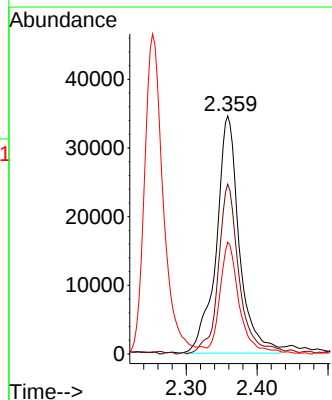
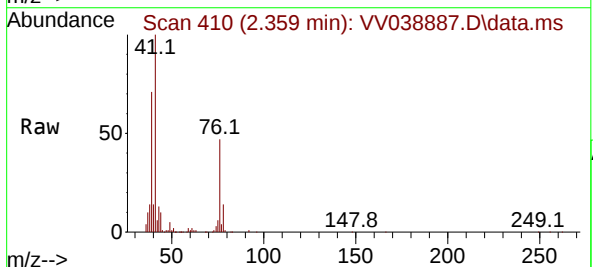
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

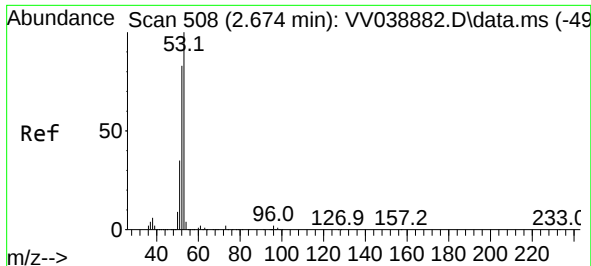
Tgt Ion: 56 Resp: 7361
Ion Ratio Lower Upper
56 100
55 88.8 56.7 85.1#



#14
Allyl chloride
Concen: 10.789 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 41 Resp: 78150
Ion Ratio Lower Upper
41 100
39 65.0 50.6 76.0
76 37.8 30.4 45.6

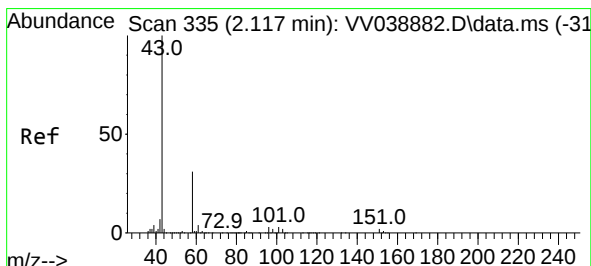
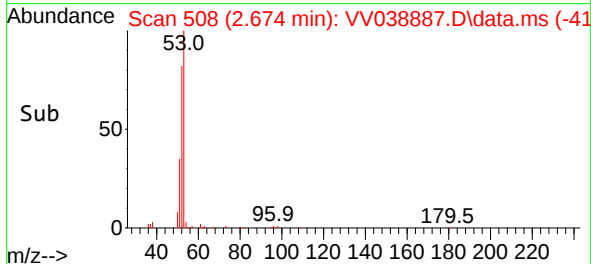
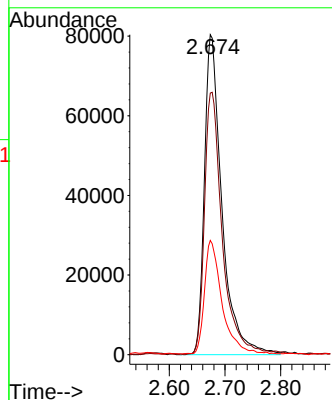
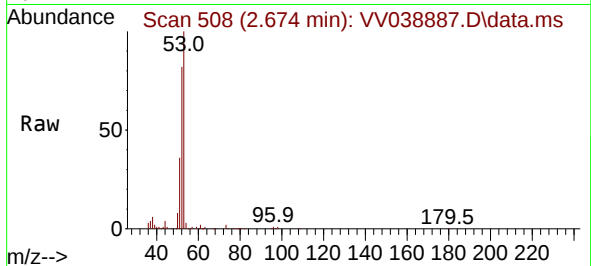




#15
Acrylonitrile
Concen: 56.162 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

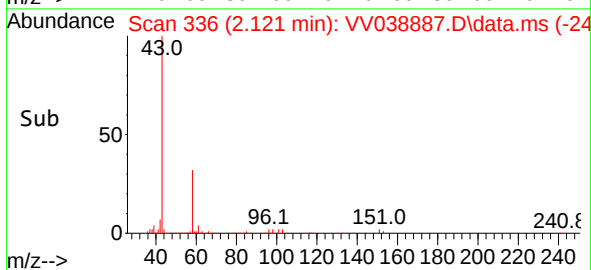
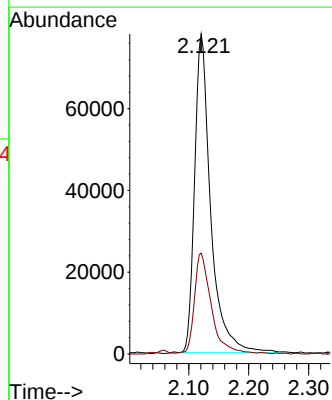
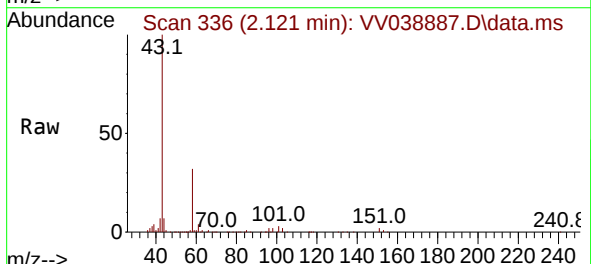
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

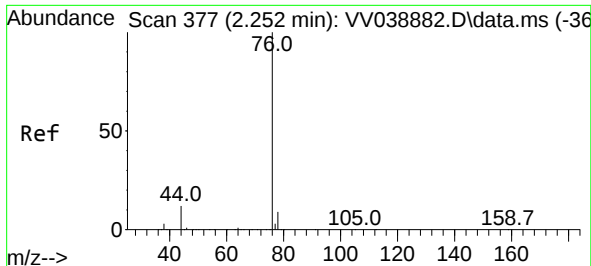
Tgt Ion: 53 Resp: 175575
Ion Ratio Lower Upper
53 100
52 83.3 66.6 99.8
51 35.2 28.7 43.1



#16
Acetone
Concen: 63.314 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 43 Resp: 145379
Ion Ratio Lower Upper
43 100
58 31.4 25.8 38.6





#17

Carbon Disulfide

Concen: 9.858 ug/l

RT: 2.252 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

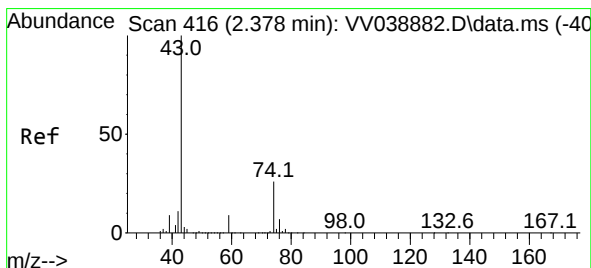
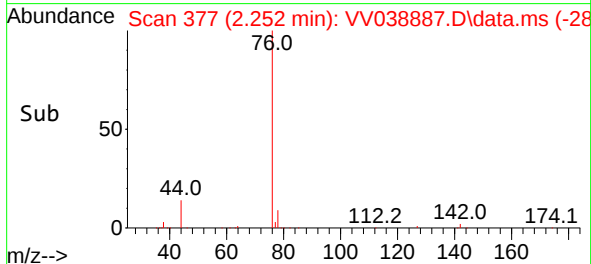
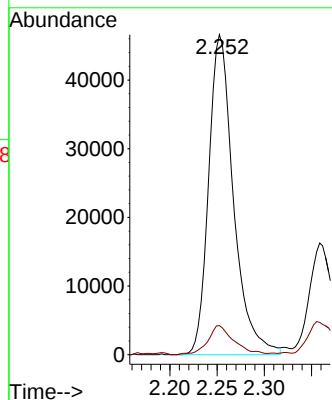
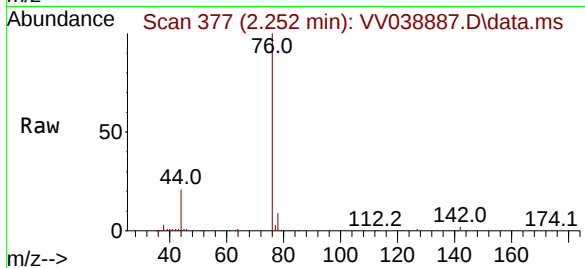
VSTDIC010

Tgt Ion: 76 Resp: 85336

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 12.062 ug/l

RT: 2.381 min Scan# 417

Delta R.T. 0.003 min

Lab File: VV038887.D

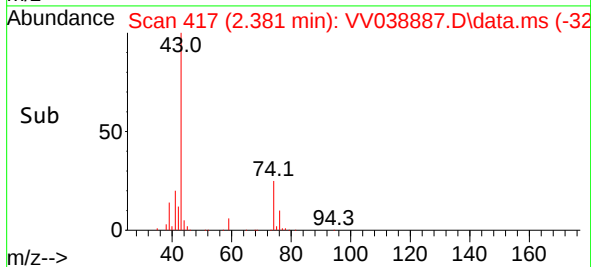
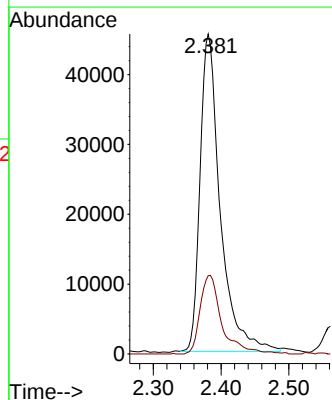
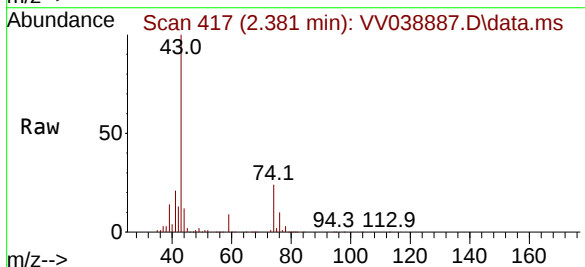
Acq: 11 Jul 2025 14:38

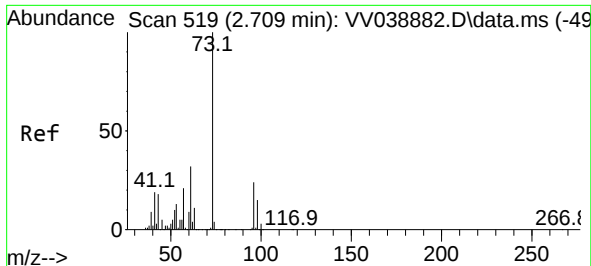
Tgt Ion: 43 Resp: 93709

Ion Ratio Lower Upper

43 100

74 26.4 21.1 31.7

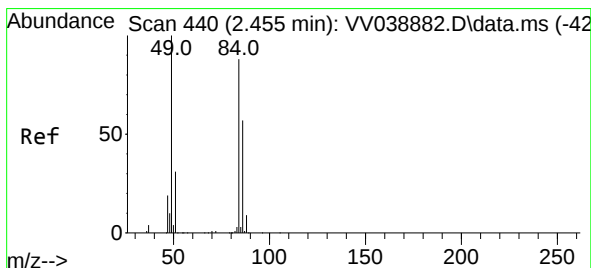
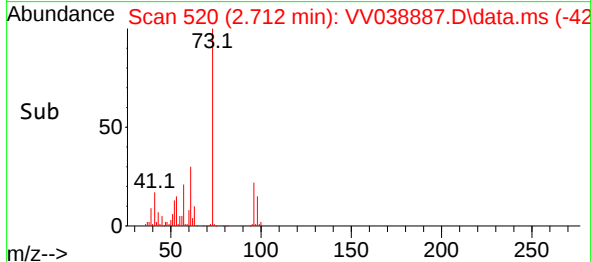
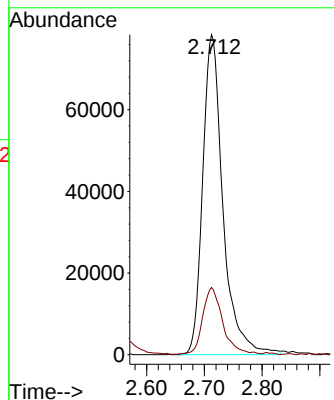
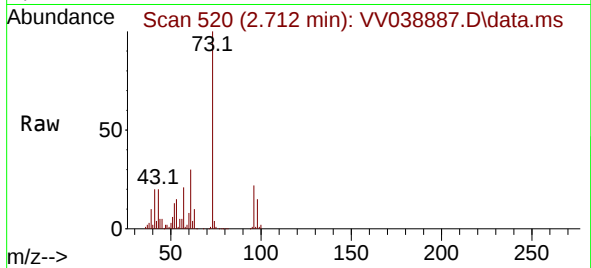




#19
Methyl tert-butyl Ether
Concen: 11.191 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

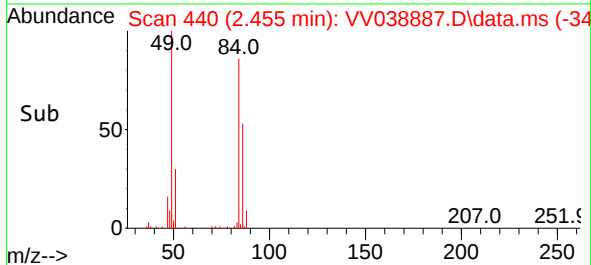
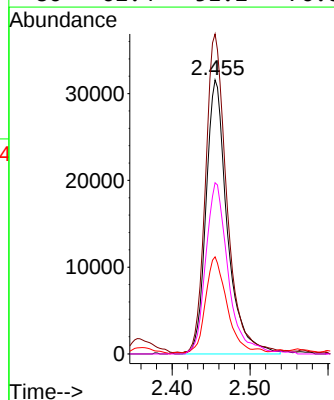
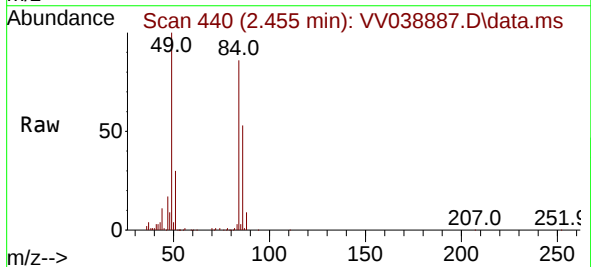
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

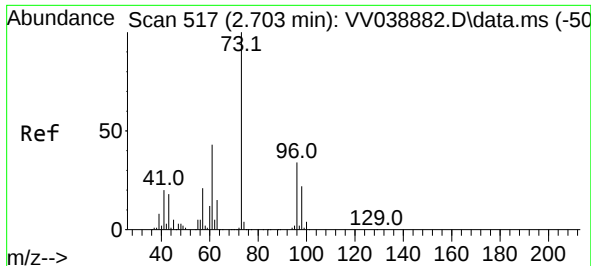
Tgt Ion: 73 Resp: 190771
Ion Ratio Lower Upper
73 100
57 21.0 16.5 24.7



#20
Methylene Chloride
Concen: 10.282 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 84 Resp: 59893
Ion Ratio Lower Upper
84 100
49 116.2 90.5 135.7
51 35.0 27.8 41.6
86 62.4 51.2 76.8

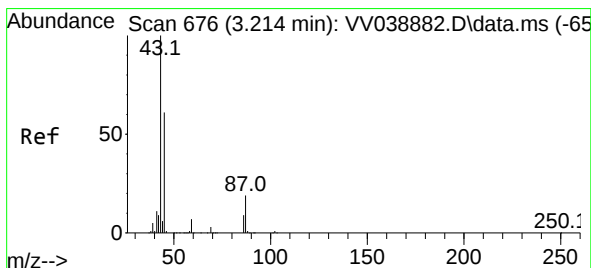
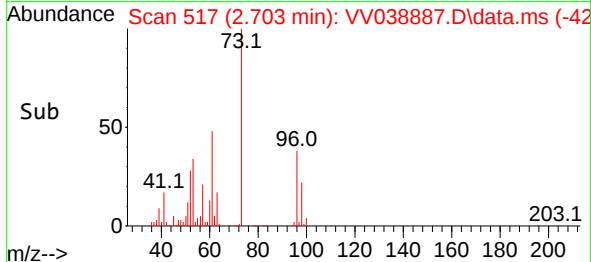
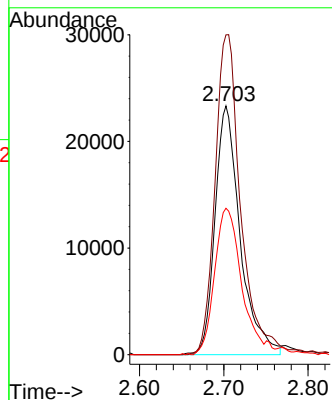
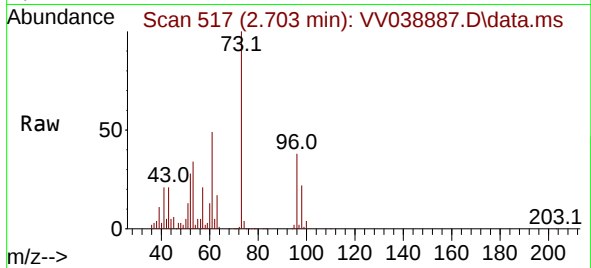




#21
trans-1,2-Dichloroethene
Concen: 9.990 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

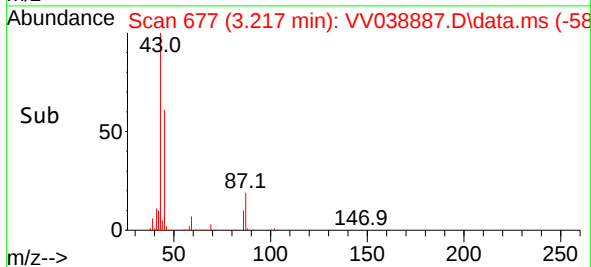
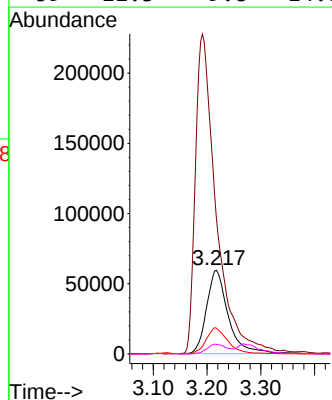
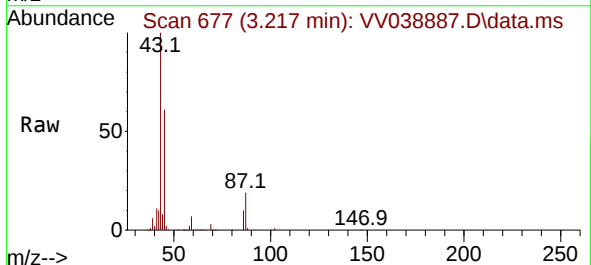
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

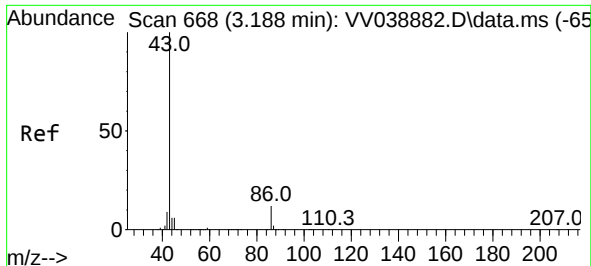
Tgt Ion: 96 Resp: 48327
Ion Ratio Lower Upper
96 100
61 128.5 102.0 153.0
98 58.8 51.0 76.6



#22
Diisopropyl ether
Concen: 11.442 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 45 Resp: 165595
Ion Ratio Lower Upper
45 100
43 165.0 132.1 198.1
87 30.8 25.0 37.4
59 11.3 9.8 14.8

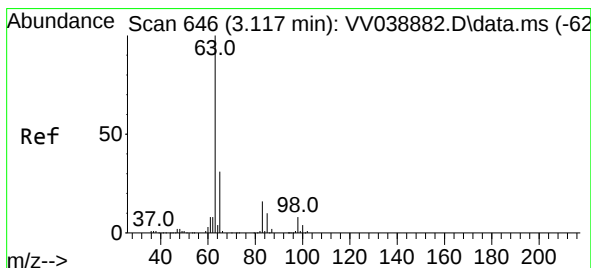
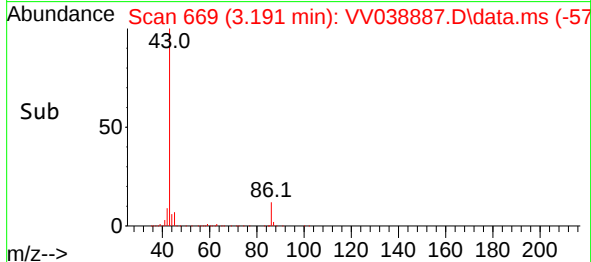
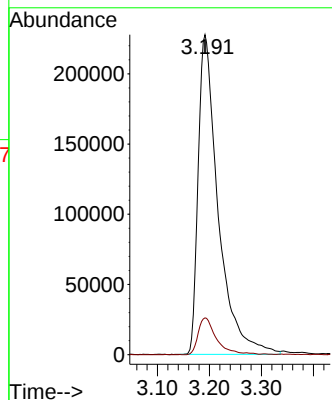
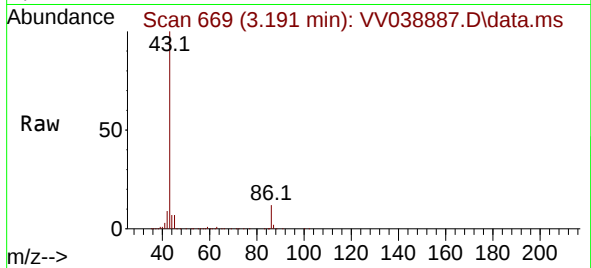




#23
 Vinyl Acetate
 Concen: 53.758 ug/l
 RT: 3.191 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

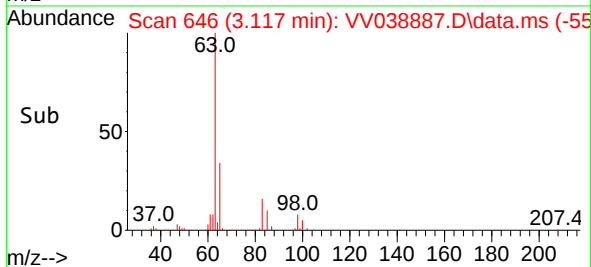
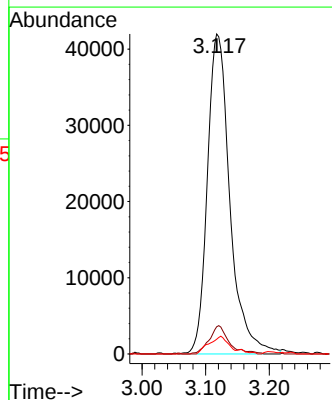
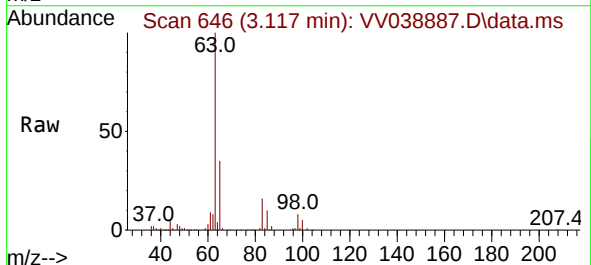
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

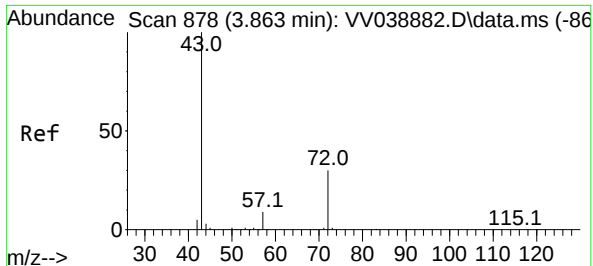
Tgt Ion: 43 Resp: 610054
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 10.905 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

Tgt Ion: 63 Resp: 103359
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 57.312 ug/l

RT: 3.873 min Scan# 81

Delta R.T. 0.010 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

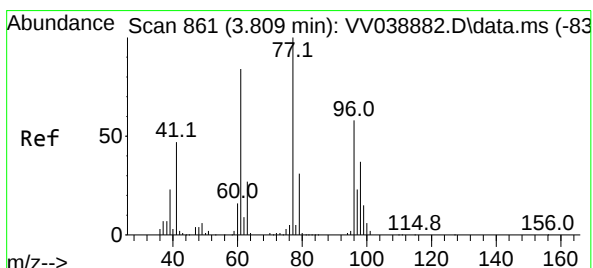
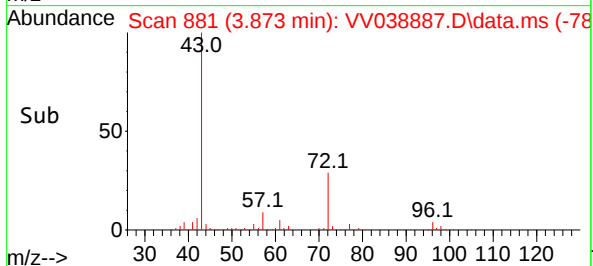
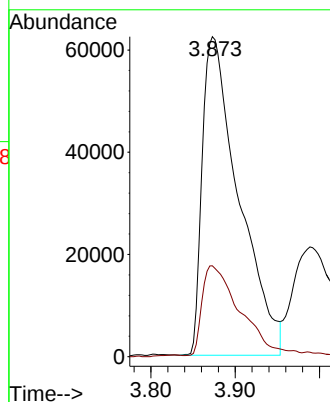
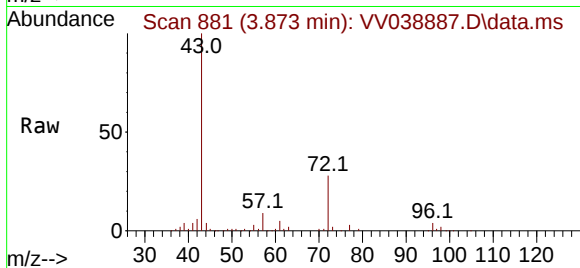
VSTDIC010

Tgt Ion: 43 Resp: 188397

Ion Ratio Lower Upper

43 100

72 28.1 23.9 35.9



#26

2,2-Dichloropropane

Concen: 10.238 ug/l

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV038887.D

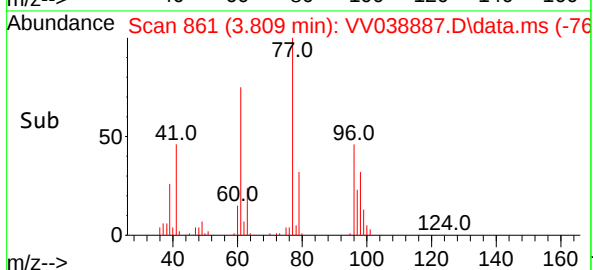
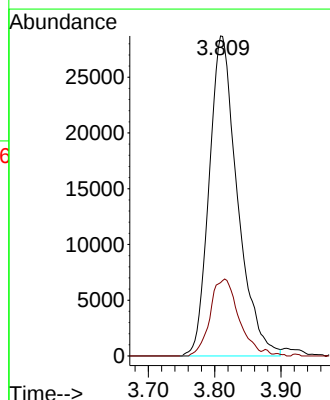
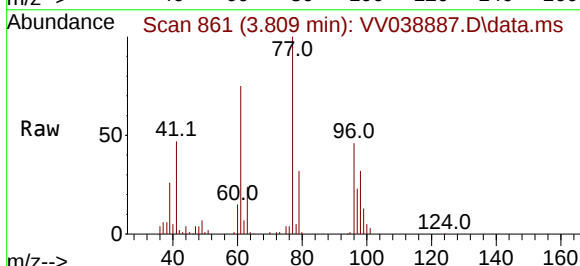
Acq: 11 Jul 2025 14:38

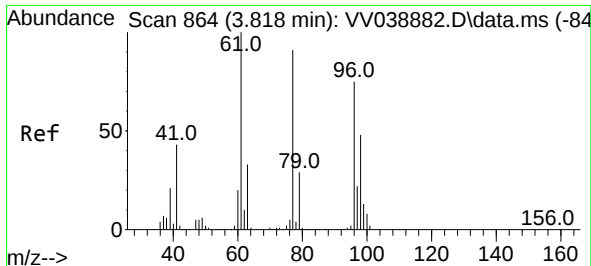
Tgt Ion: 77 Resp: 84956

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 10.390 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.006 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

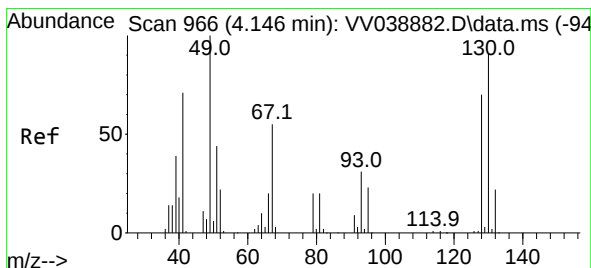
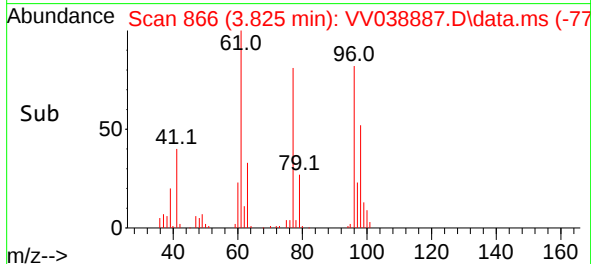
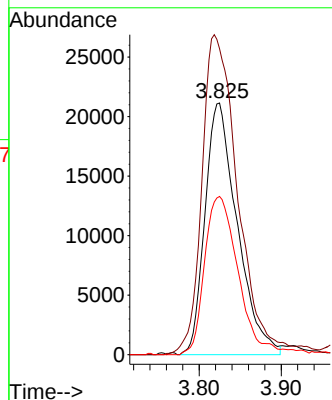
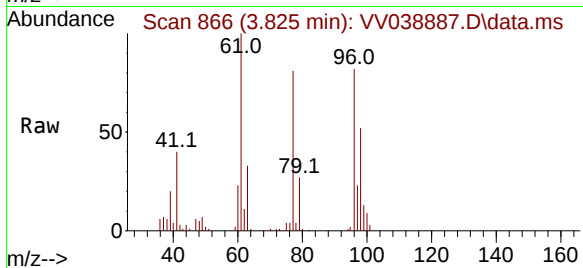
Tgt Ion: 96 Resp: 57714

Ion Ratio Lower Upper

96 100

61 140.9 0.0 275.0

98 66.1 0.0 130.0



#28

Bromochloromethane

Concen: 9.857 ug/l

RT: 4.149 min Scan# 967

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

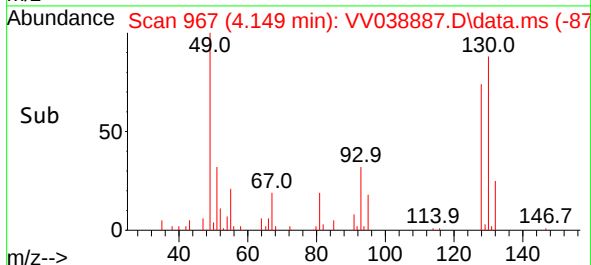
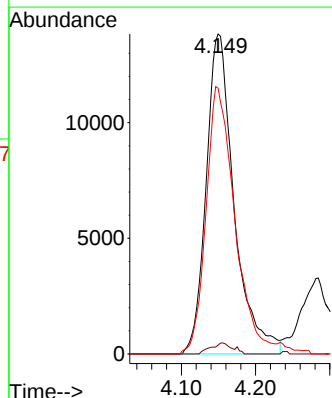
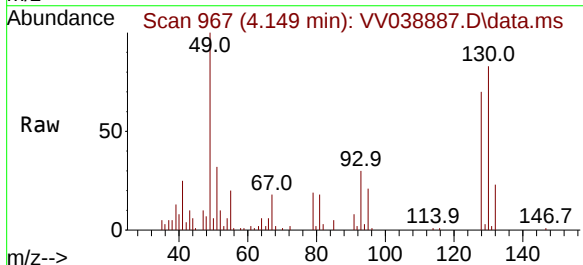
Tgt Ion: 49 Resp: 36165

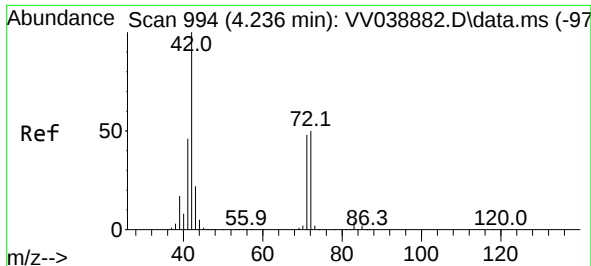
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 85.8 70.1 105.1

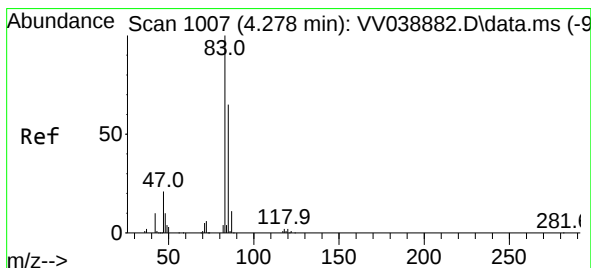
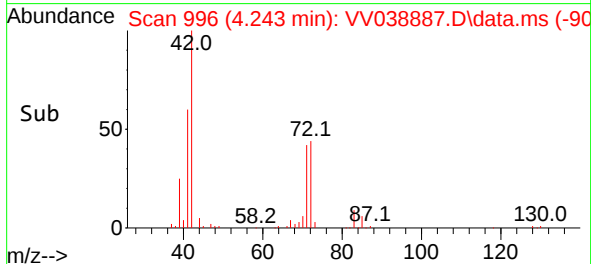
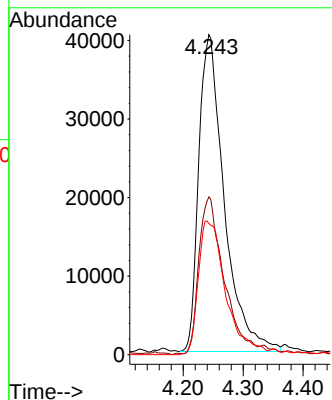
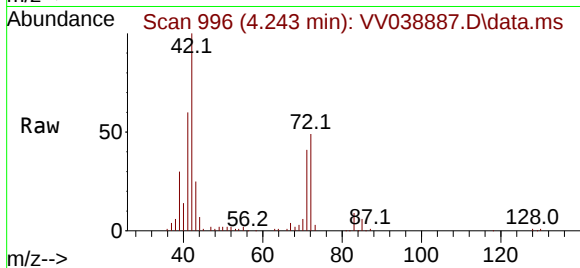




#29
Tetrahydrofuran
Concen: 54.971 ug/l
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

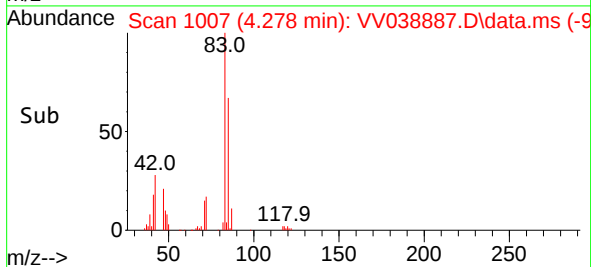
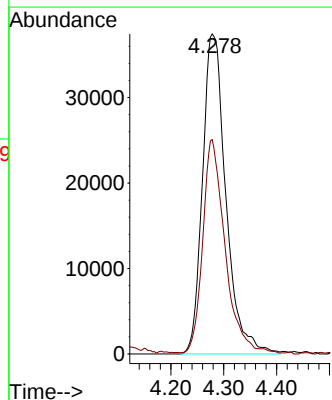
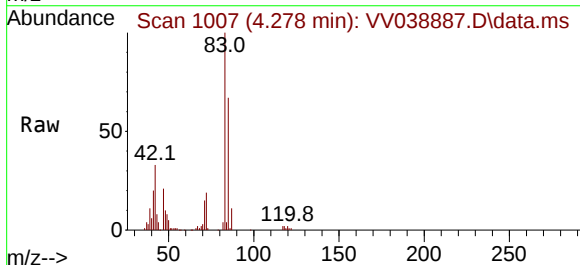
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

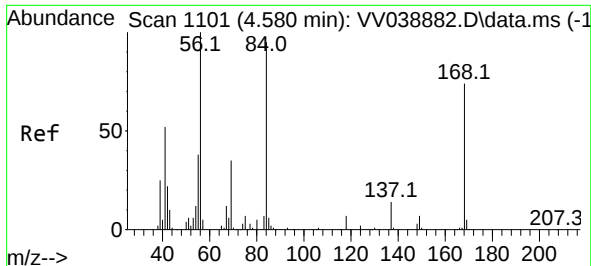
Tgt Ion: 42 Resp: 119237
Ion Ratio Lower Upper
42 100
72 48.3 41.6 62.4
71 45.1 38.4 57.6



#30
Chloroform
Concen: 11.036 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 83 Resp: 115325
Ion Ratio Lower Upper
83 100
85 66.7 52.2 78.4

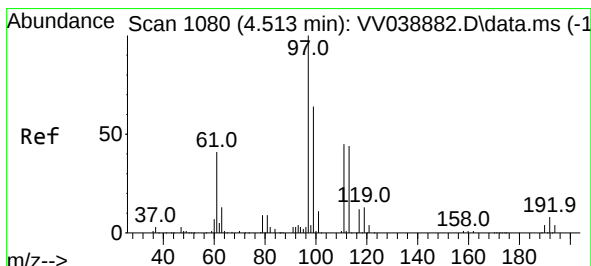
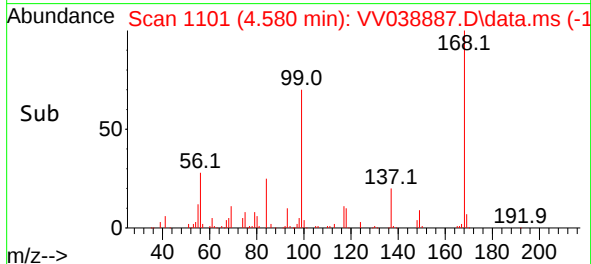
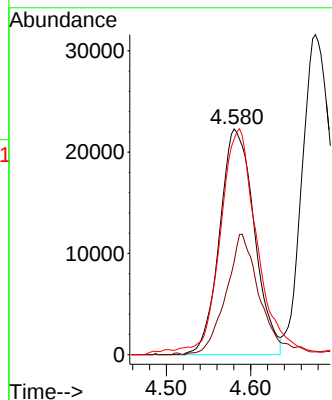
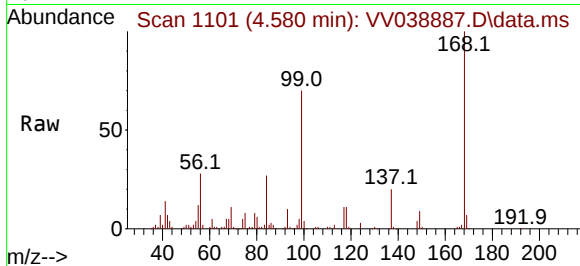




#31
Cyclohexane
Concen: 10.253 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

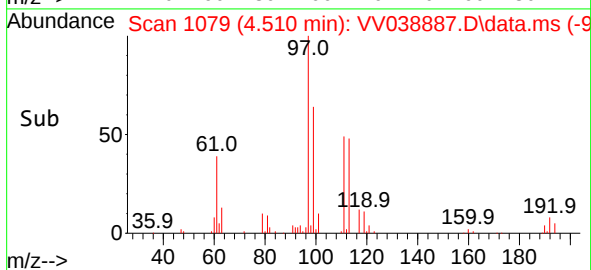
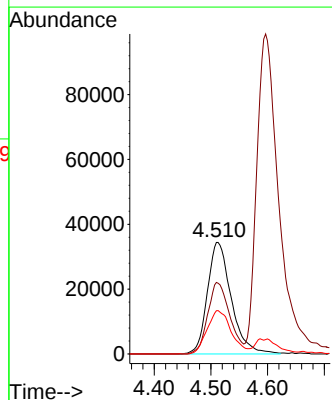
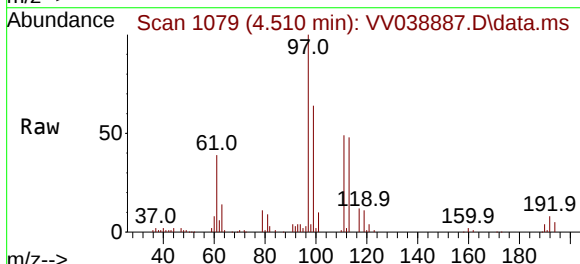
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

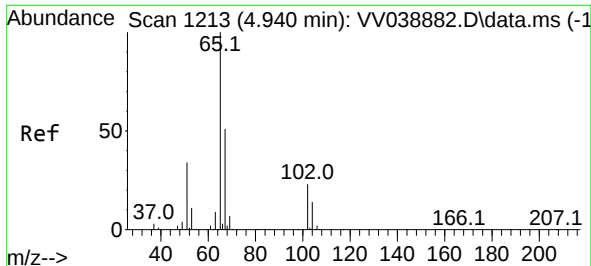
Tgt Ion: 56 Resp: 63789
Ion Ratio Lower Upper
56 100
69 40.6 28.2 42.2
84 92.6 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 11.044 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 97 Resp: 100690
Ion Ratio Lower Upper
97 100
99 58.9 50.1 75.1
61 39.4 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 10.299 ug/l

RT: 4.947 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

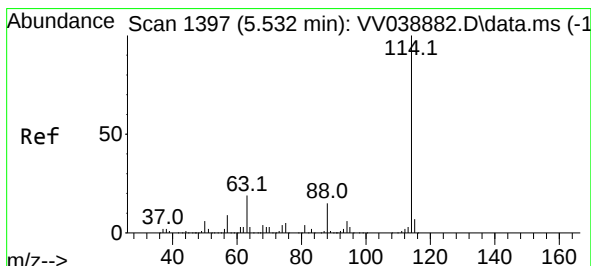
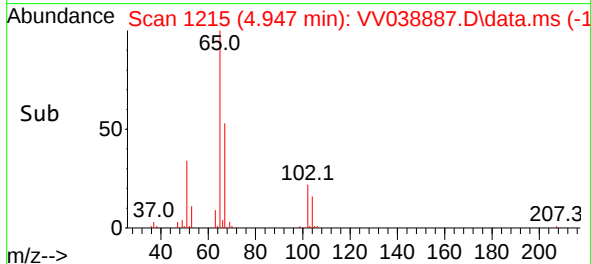
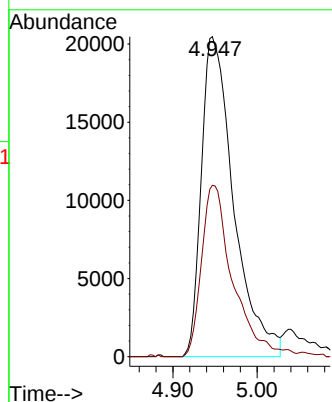
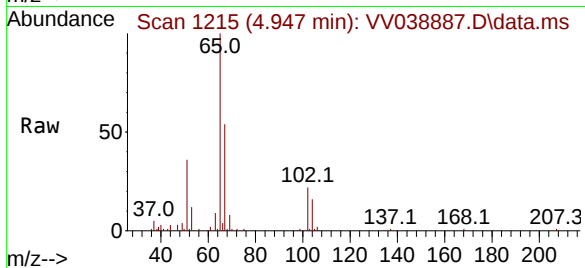
VSTDIC010

Tgt Ion: 65 Resp: 54651

Ion Ratio Lower Upper

65 100

67 51.9 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: VV038887.D

Acq: 11 Jul 2025 14:38

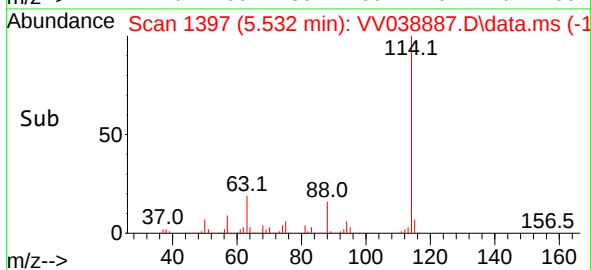
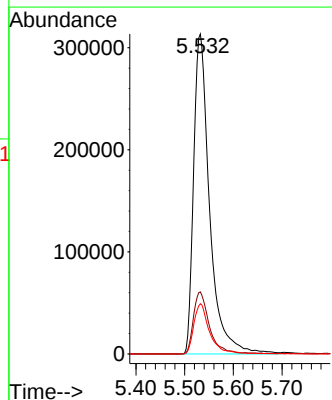
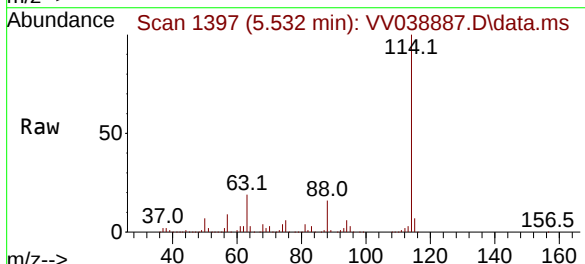
Tgt Ion: 114 Resp: 715091

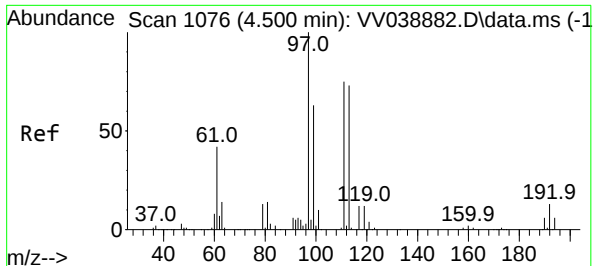
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.2

88 15.7 0.0 30.8

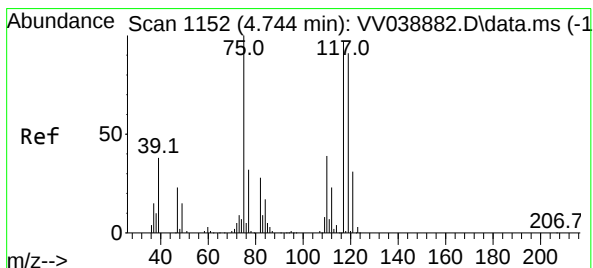
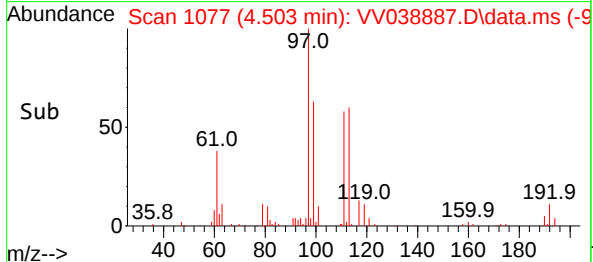
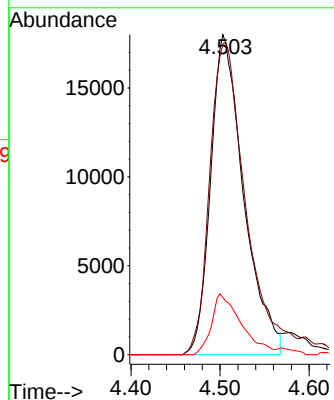
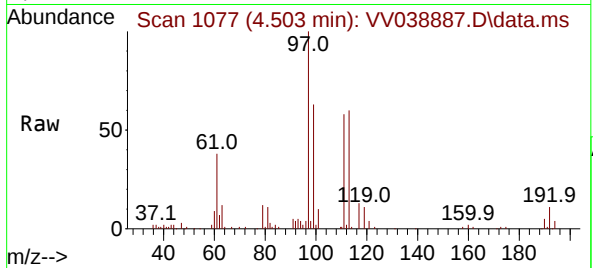




#35
Dibromofluoromethane
Concen: 9.508 ug/l
RT: 4.503 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

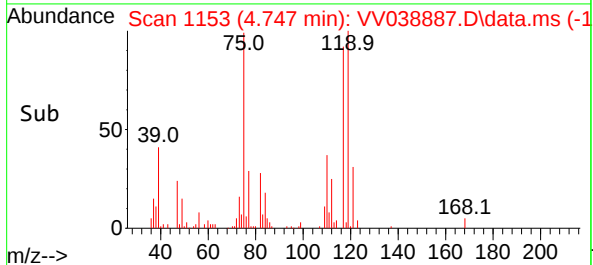
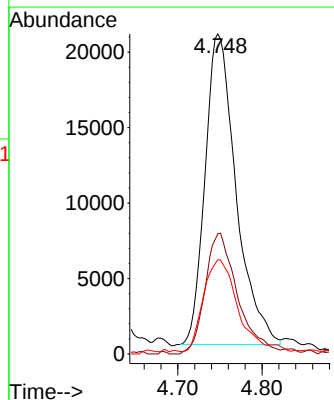
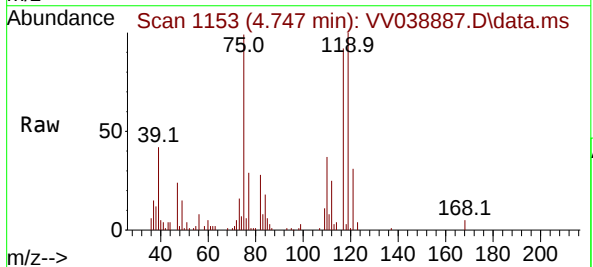
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

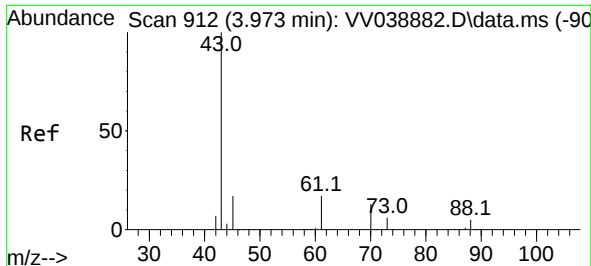
Tgt Ion:113 Resp: 46356
Ion Ratio Lower Upper
113 100
111 106.2 83.3 124.9
192 17.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 9.395 ug/l
RT: 4.747 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 75 Resp: 52643
Ion Ratio Lower Upper
75 100
110 40.6 18.8 56.3
77 32.1 24.2 36.4





#37

Ethyl Acetate

Concen: 10.404 ug/l

RT: 3.989 min Scan# 91

Delta R.T. 0.016 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

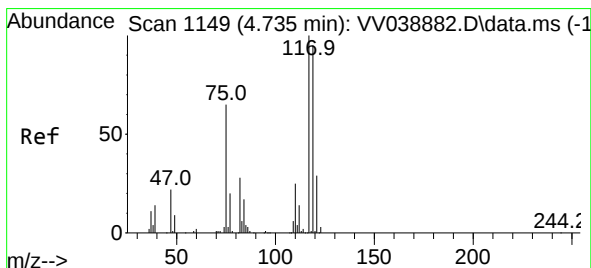
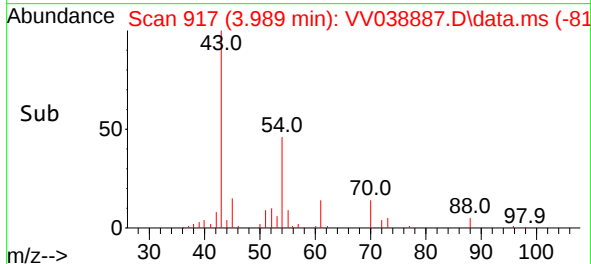
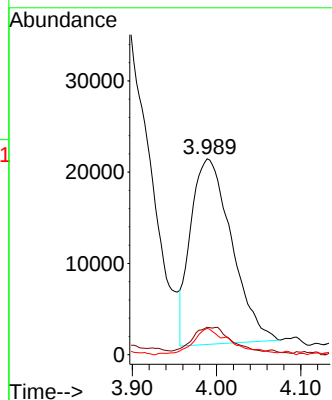
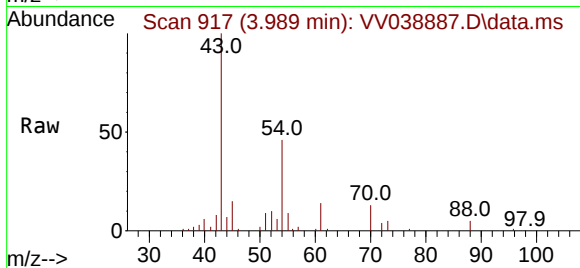
Tgt Ion: 43 Resp: 68638

Ion Ratio Lower Upper

43 100

61 11.5 11.1 16.7

70 13.3 8.9 13.3



#38

Carbon Tetrachloride

Concen: 9.763 ug/l

RT: 4.731 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

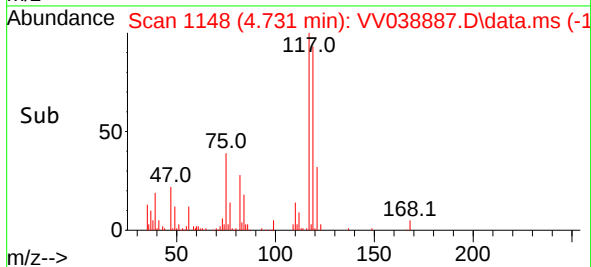
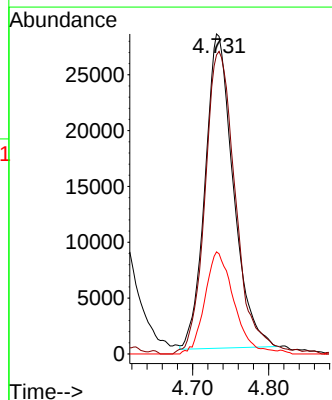
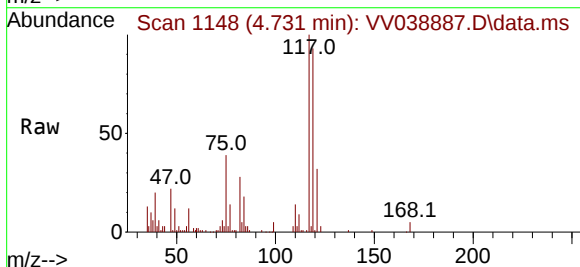
Tgt Ion: 117 Resp: 72664

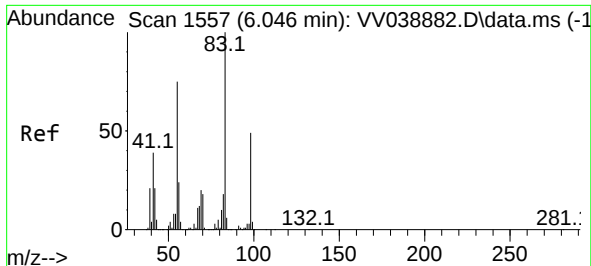
Ion Ratio Lower Upper

117 100

119 94.1 76.0 114.0

121 32.7 23.1 34.7





#39

Methylcyclohexane

Concen: 9.510 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

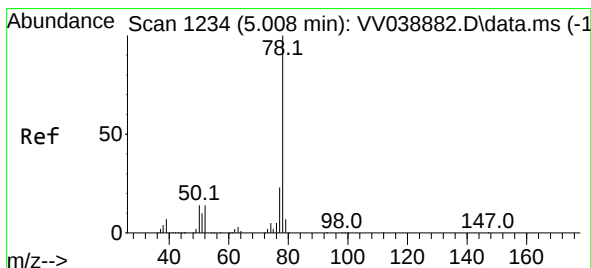
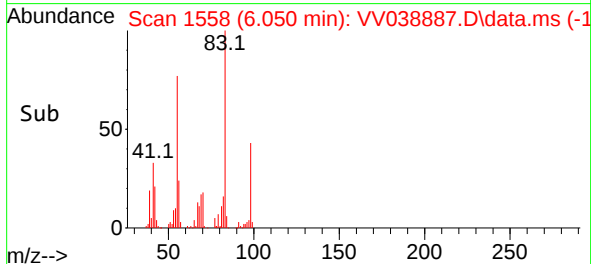
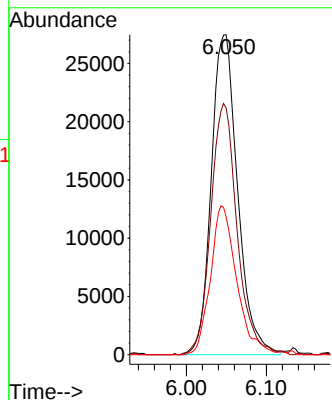
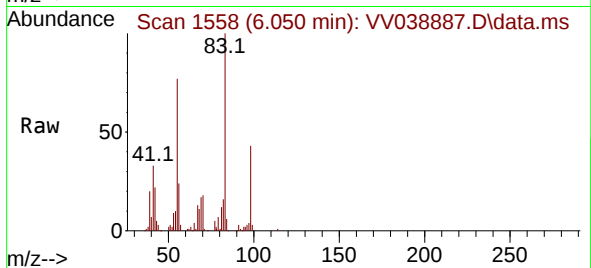
Tgt Ion: 83 Resp: 62872

Ion Ratio Lower Upper

83 100

55 77.1 60.0 90.0

98 43.0 39.0 58.6



#40

Benzene

Concen: 10.544 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038887.D

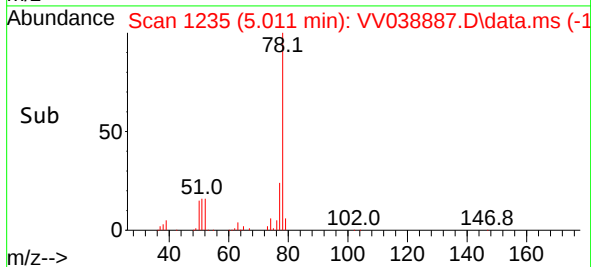
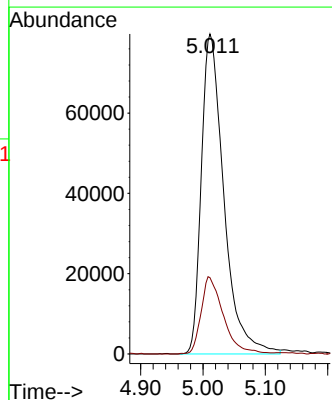
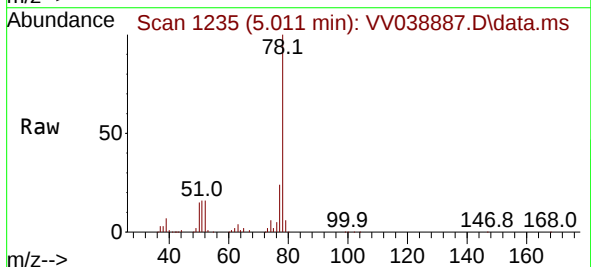
Acq: 11 Jul 2025 14:38

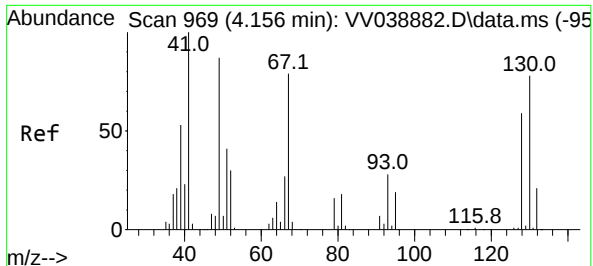
Tgt Ion: 78 Resp: 200286

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0



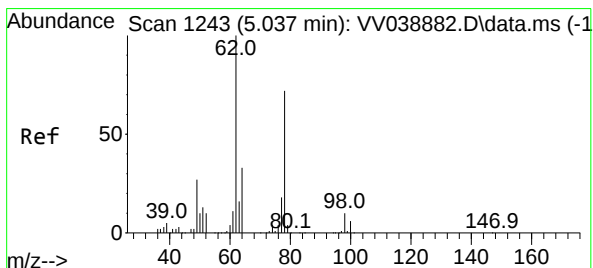
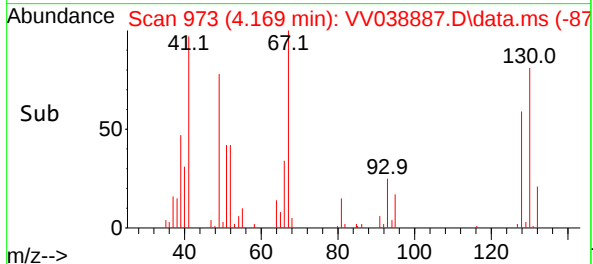
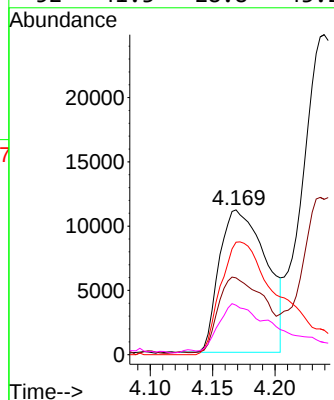
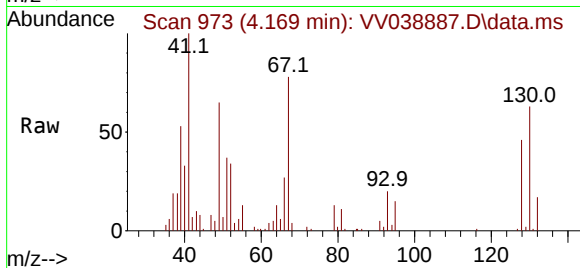


#41
Methacrylonitrile
Concen: 9.700 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 28998

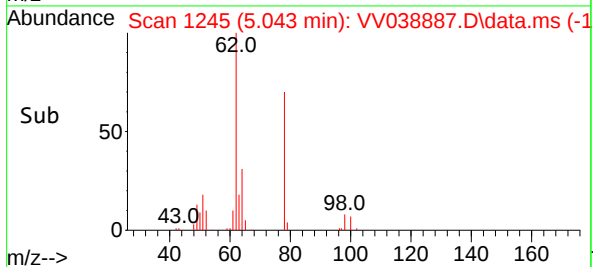
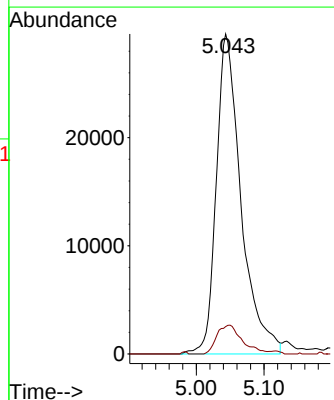
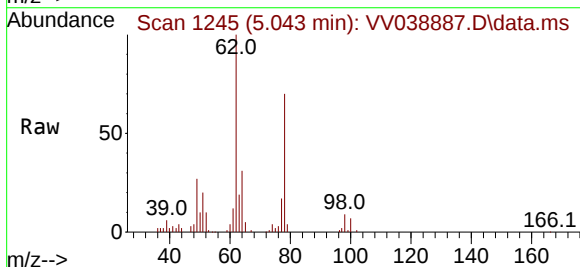
Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.0	63.0
67	108.9	76.2	114.2
52	41.3	28.8	43.2

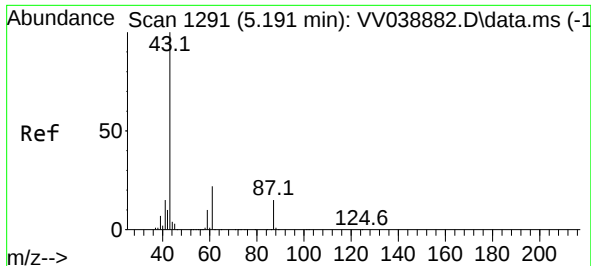


#42
1,2-Dichloroethane
Concen: 10.349 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 62 Resp: 74928

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8

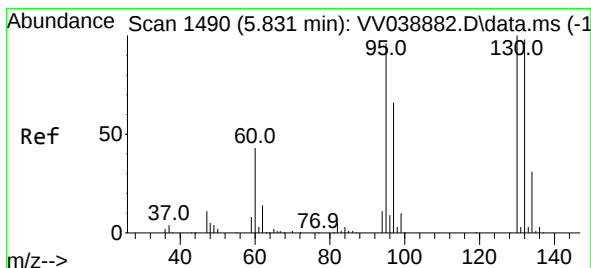
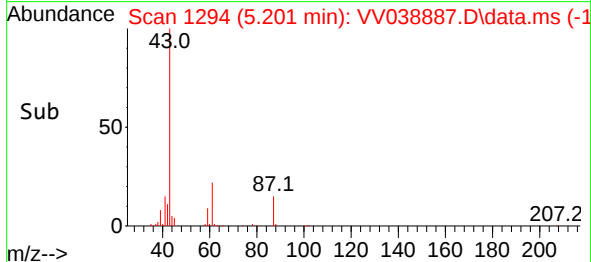
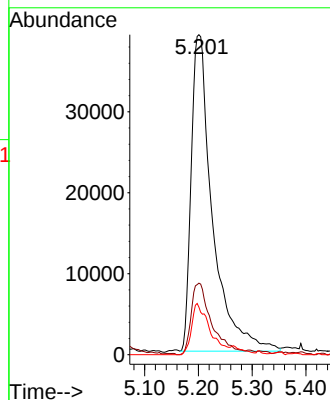
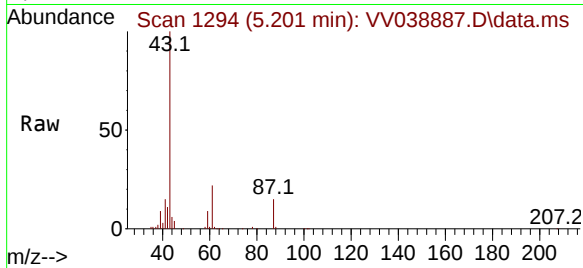




#43
Isopropyl Acetate
Concen: 10.292 ug/l
RT: 5.201 min Scan# 1291
Delta R.T. 0.010 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

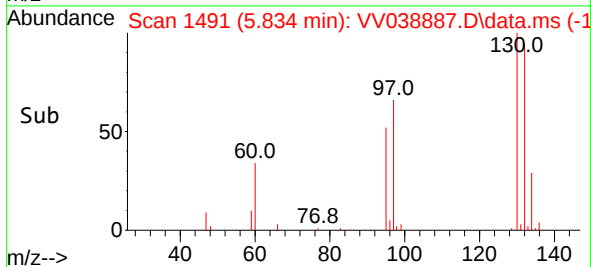
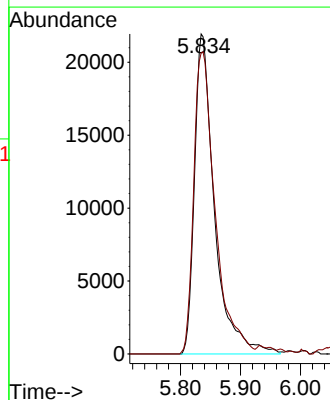
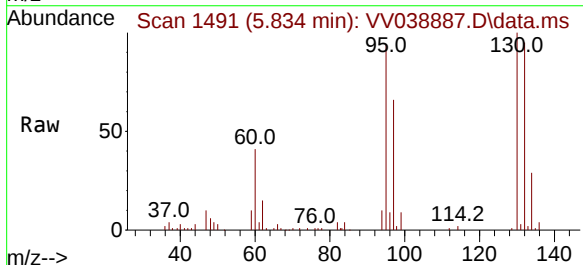
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

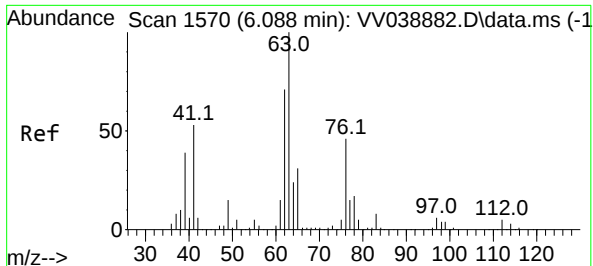
Tgt Ion: 43 Resp: 107378
Ion Ratio Lower Upper
43 100
61 21.8 17.1 25.7
87 13.9 12.2 18.4



#44
Trichloroethene
Concen: 10.243 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion:130 Resp: 50839
Ion Ratio Lower Upper
130 100
95 94.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 10.385 ug/l

RT: 6.091 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

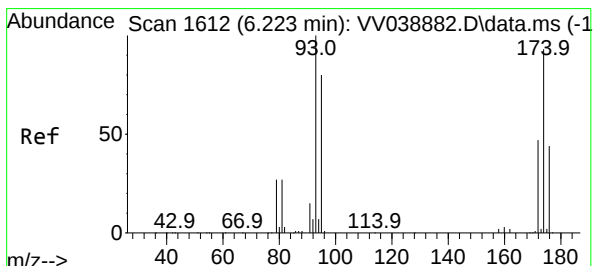
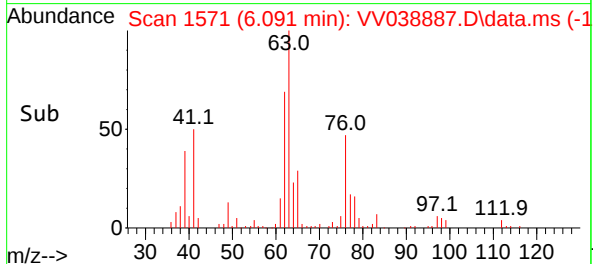
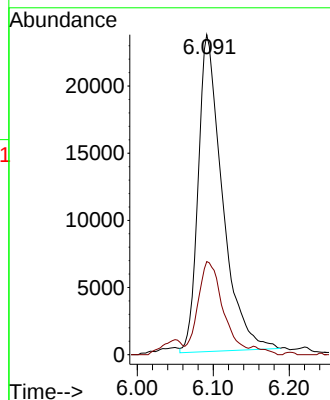
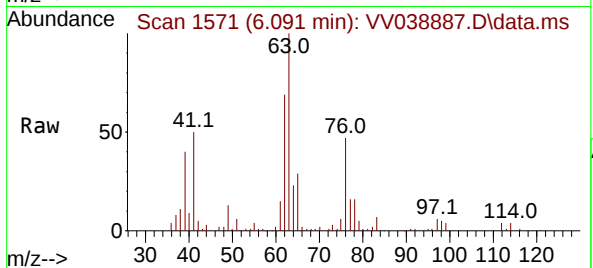
VSTDIC010

Tgt Ion: 63 Resp: 52109

Ion Ratio Lower Upper

63 100

65 29.7 24.9 37.3



#46

Dibromomethane

Concen: 10.620 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

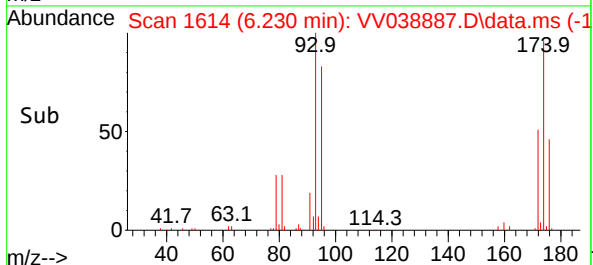
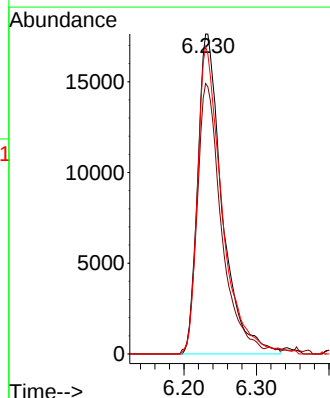
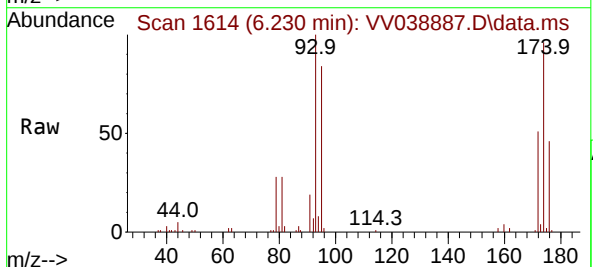
Tgt Ion: 93 Resp: 41228

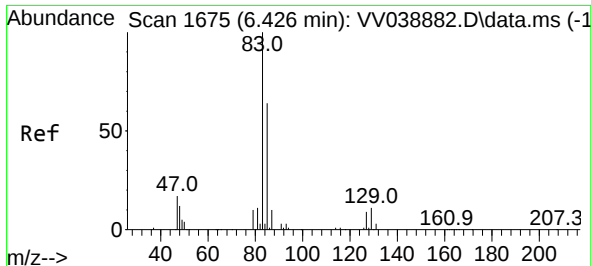
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 96.9 75.3 112.9

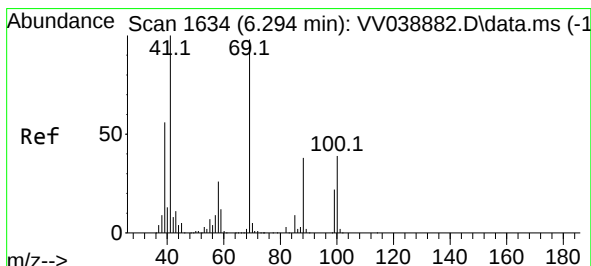
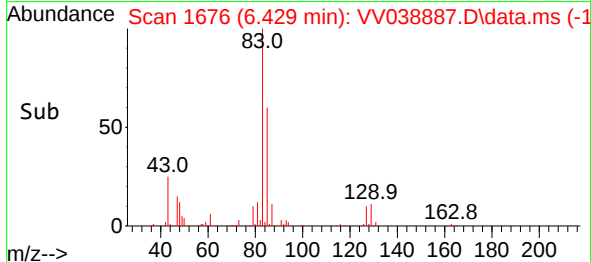
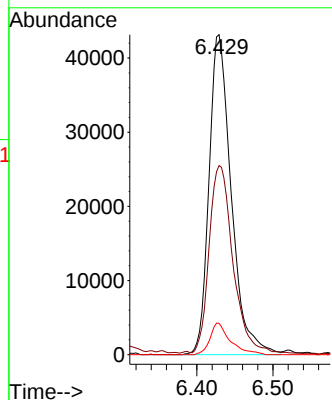
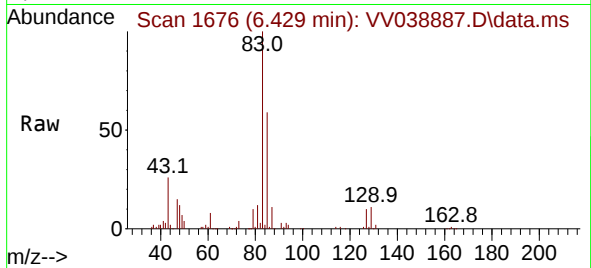




#47
 Bromodichloromethane
 Concen: 10.655 ug/l
 RT: 6.429 min Scan# 1675
 Delta R.T. 0.003 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

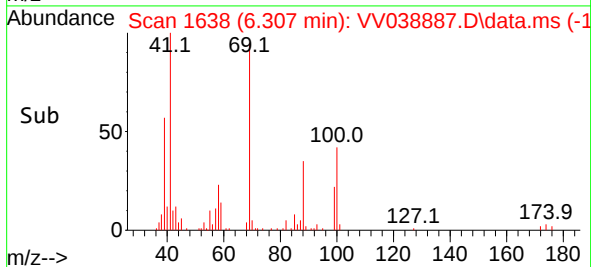
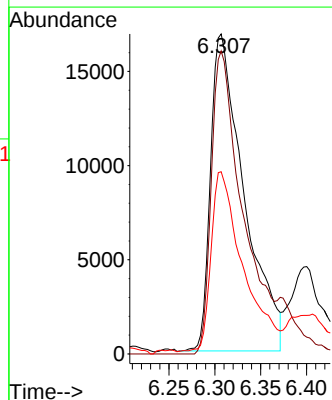
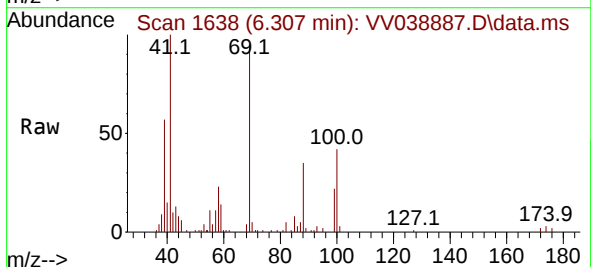
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

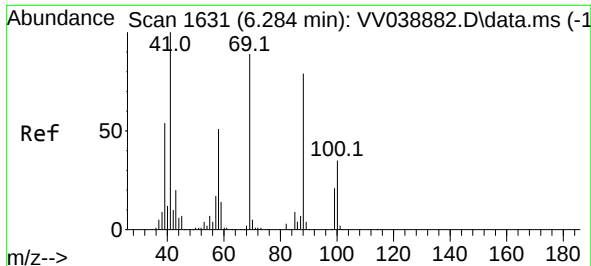
Tgt Ion: 83 Resp: 87790
 Ion Ratio Lower Upper
 83 100
 85 58.6 51.4 77.0
 127 9.8 6.9 10.3



#48
 Methyl methacrylate
 Concen: 9.367 ug/l
 RT: 6.307 min Scan# 1638
 Delta R.T. 0.013 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

Tgt Ion: 41 Resp: 42800
 Ion Ratio Lower Upper
 41 100
 69 89.0 79.4 119.2
 39 53.7 44.0 66.0





#49

1,4-Dioxane

Concen: 219.703 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

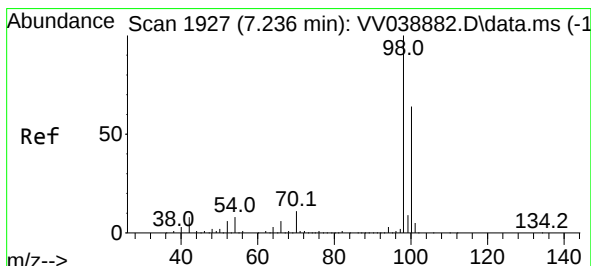
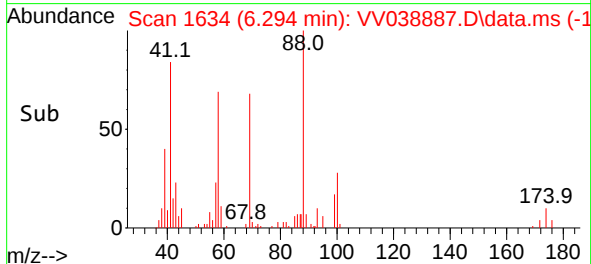
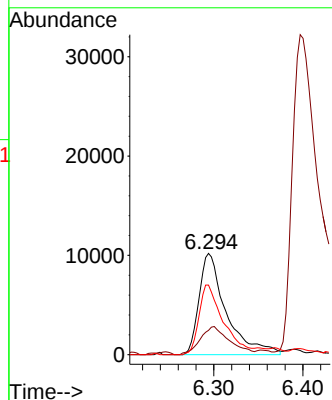
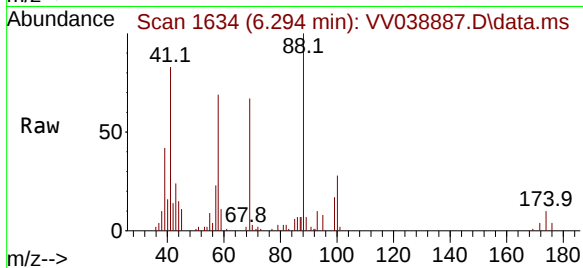
Tgt Ion: 88 Resp: 21545

Ion Ratio Lower Upper

88 100

43 29.9 23.0 34.4

58 62.3 53.8 80.6



#50

Toluene-d8

Concen: 9.378 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038887.D

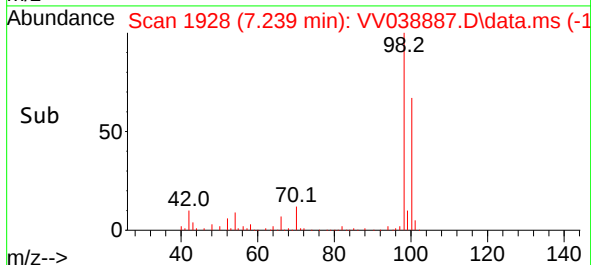
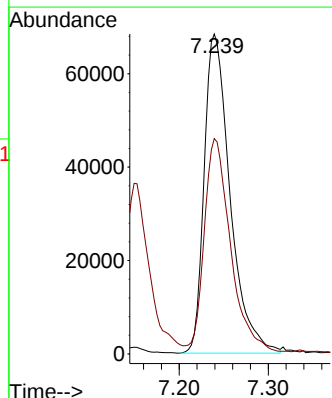
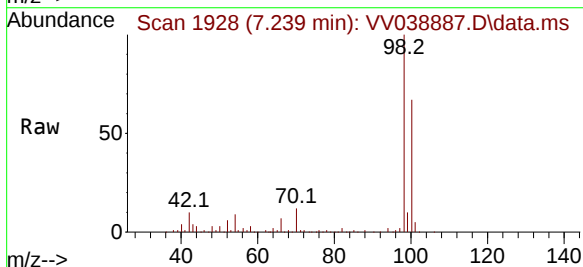
Acq: 11 Jul 2025 14:38

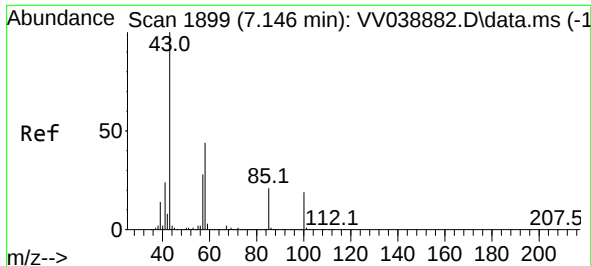
Tgt Ion: 98 Resp: 138202

Ion Ratio Lower Upper

98 100

100 68.1 52.9 79.3

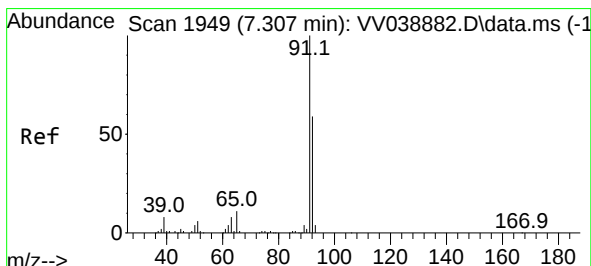
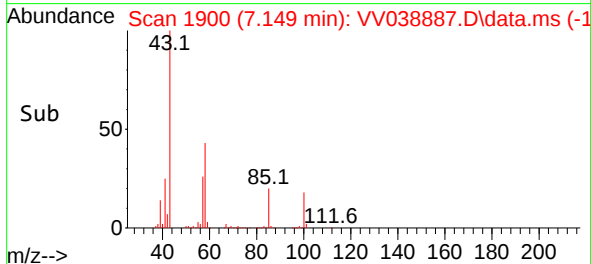
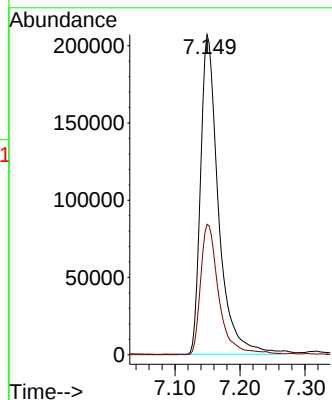
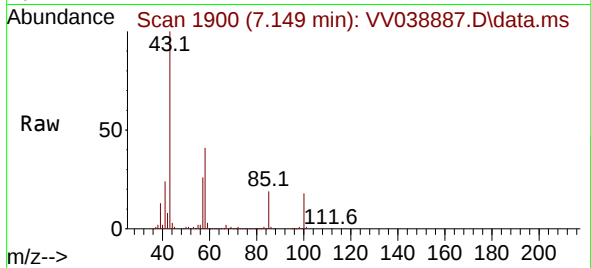




#51
4-Methyl-2-Pentanone
Concen: 55.869 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

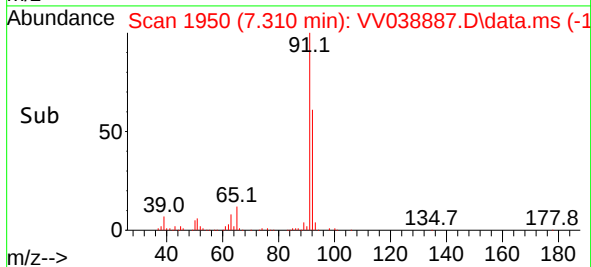
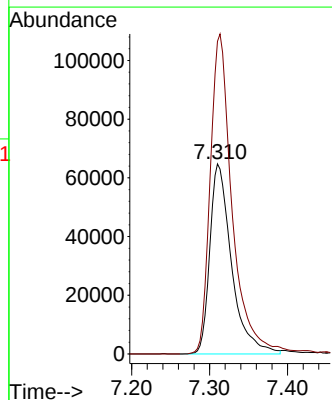
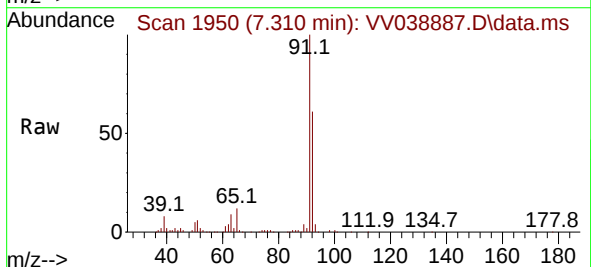
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

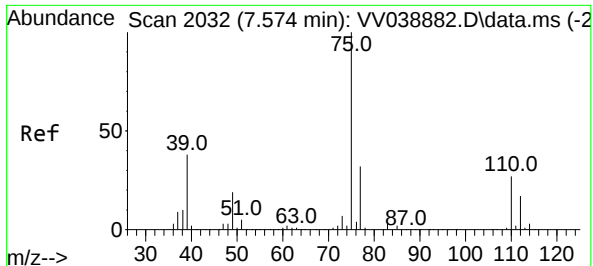
Tgt Ion: 43 Resp: 396913
Ion Ratio Lower Upper
43 100
58 41.8 34.5 51.7



#52
Toluene
Concen: 10.512 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 92 Resp: 125793
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 10.209 ug/l

RT: 7.580 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

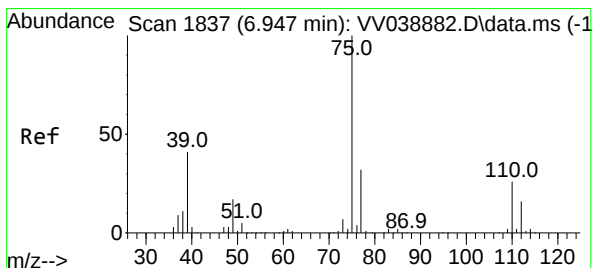
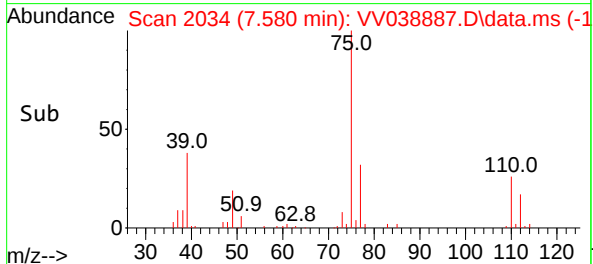
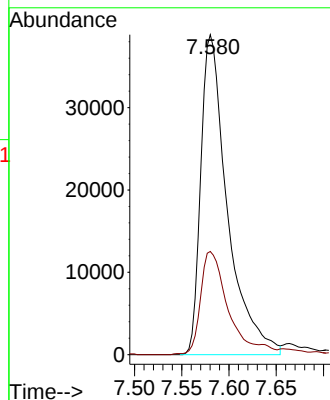
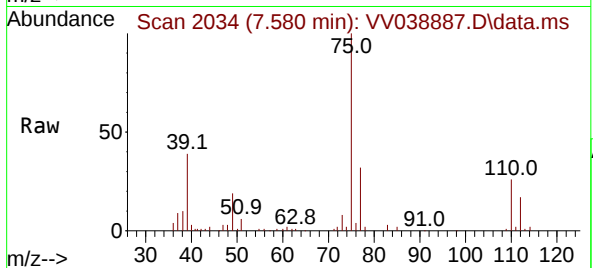
VSTDIC010

Tgt Ion: 75 Resp: 76111

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 10.369 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

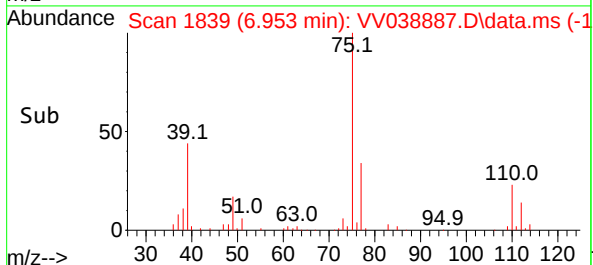
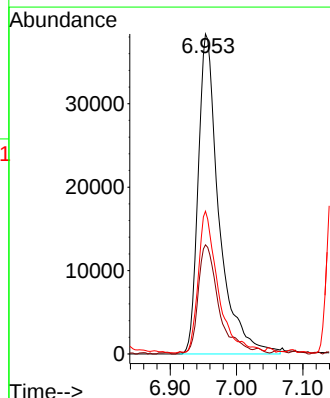
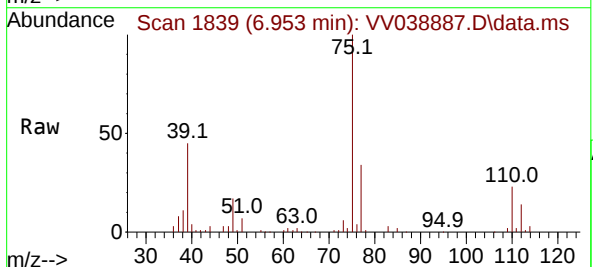
Tgt Ion: 75 Resp: 83567

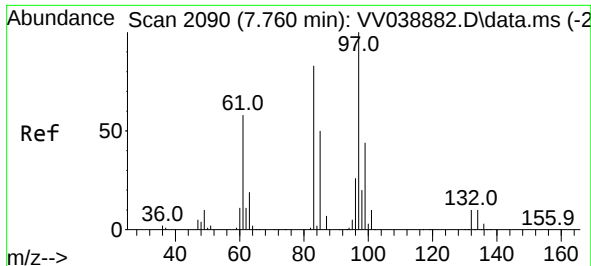
Ion Ratio Lower Upper

75 100

77 33.4 25.5 38.3

39 43.9 33.1 49.7

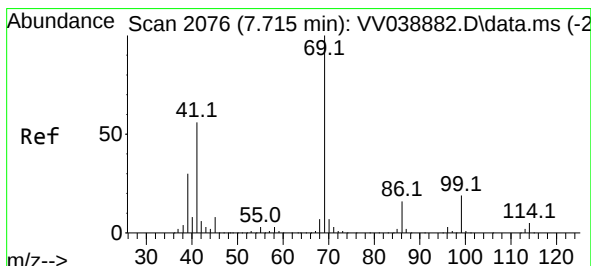
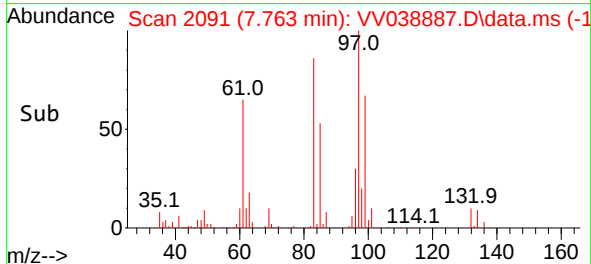
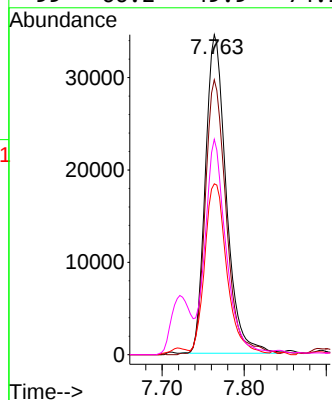
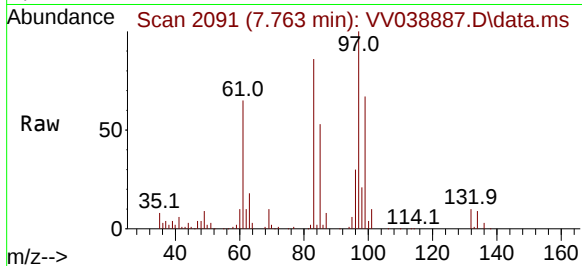




#55
 1,1,2-Trichloroethane
 Concen: 10.665 ug/l
 RT: 7.763 min Scan# 2090
 Delta R.T. 0.003 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

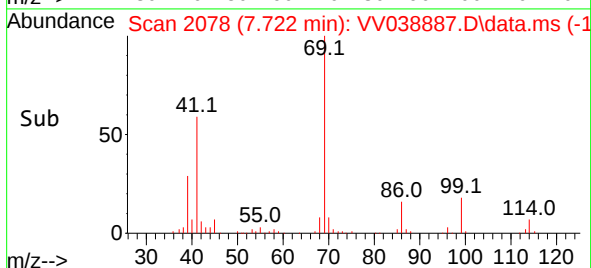
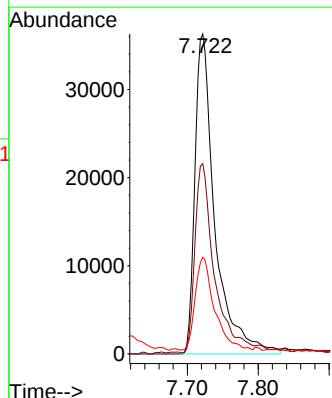
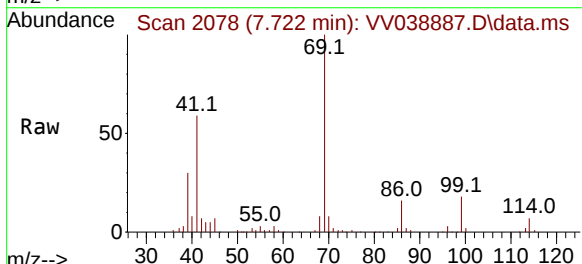
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

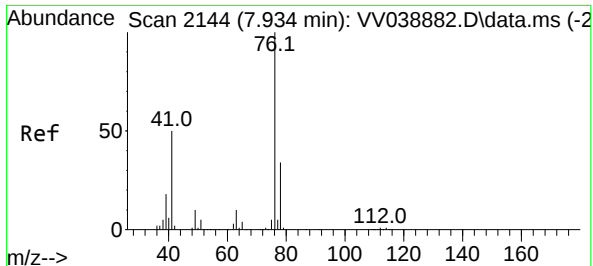
Tgt Ion: 97	Resp: 60997
Ion Ratio	Lower Upper
97 100	
83 85.9	66.2 99.4
85 53.0	41.4 62.2
99 66.2	49.9 74.9



#56
 Ethyl methacrylate
 Concen: 10.463 ug/l
 RT: 7.722 min Scan# 2078
 Delta R.T. 0.006 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

Tgt Ion: 69	Resp: 71111
Ion Ratio	Lower Upper
69 100	
41 57.4	45.7 68.5
39 27.6	23.8 35.8

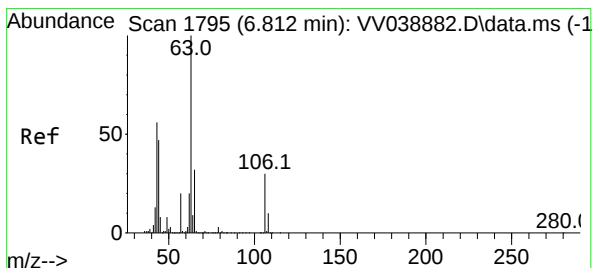
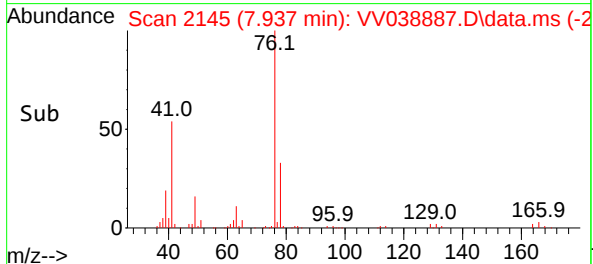
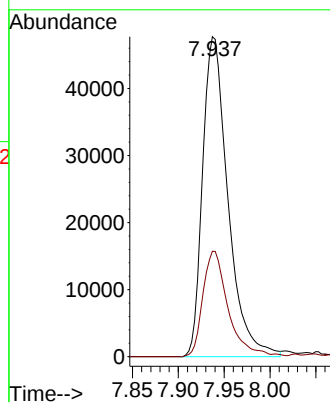
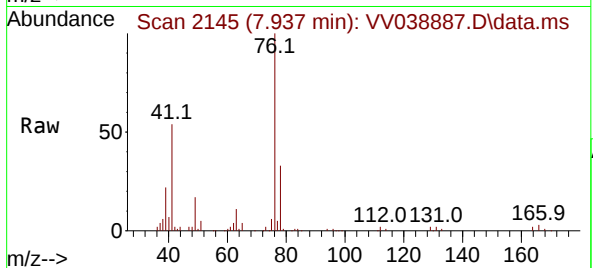




#57
1,3-Dichloropropane
Concen: 10.709 ug/l
RT: 7.937 min Scan# 2145
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

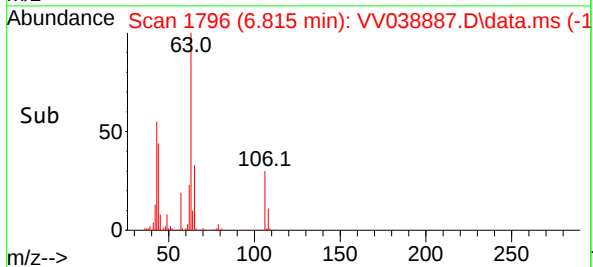
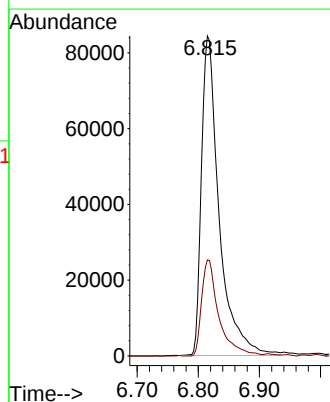
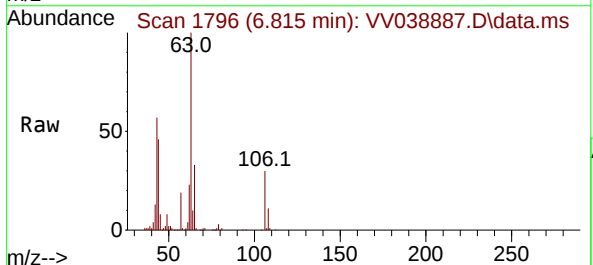
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

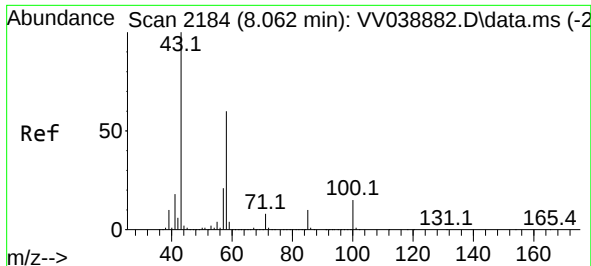
Tgt Ion: 76 Resp: 91836
Ion Ratio Lower Upper
76 100
78 32.6 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 41.340 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 63 Resp: 169453
Ion Ratio Lower Upper
63 100
106 29.2 24.1 36.1

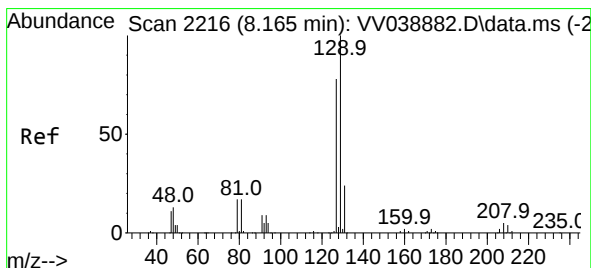
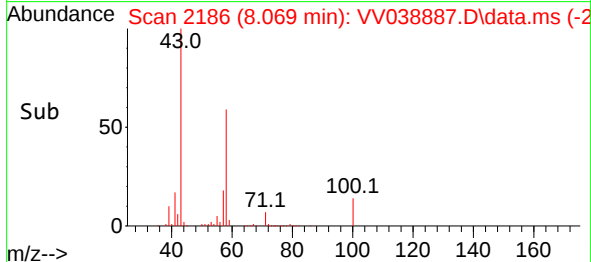
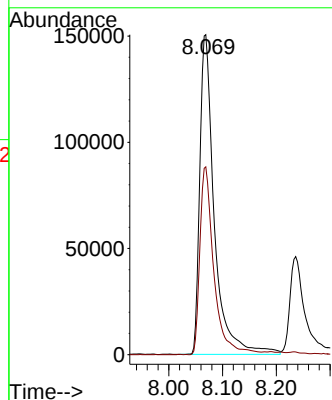
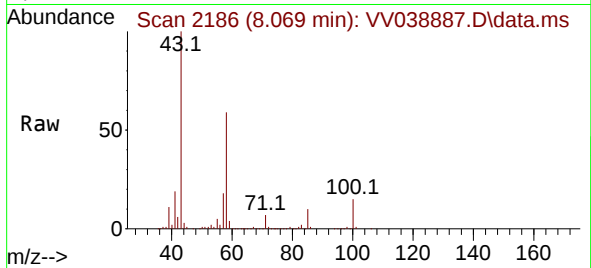




#59
2-Hexanone
Concen: 53.557 ug/l
RT: 8.069 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

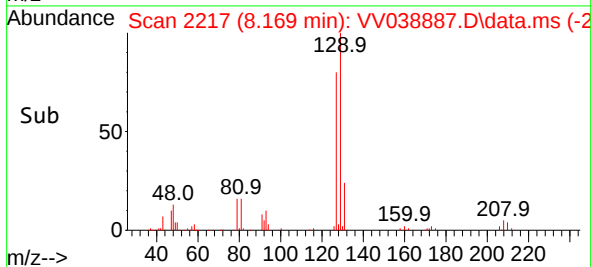
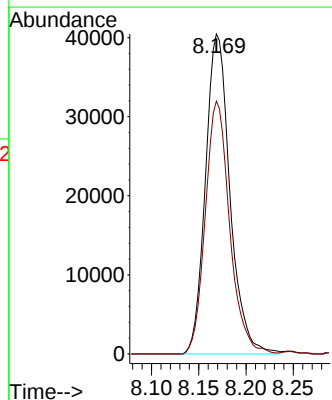
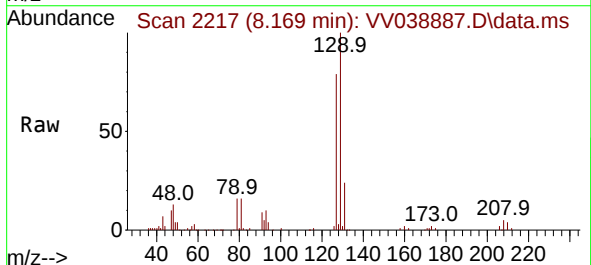
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

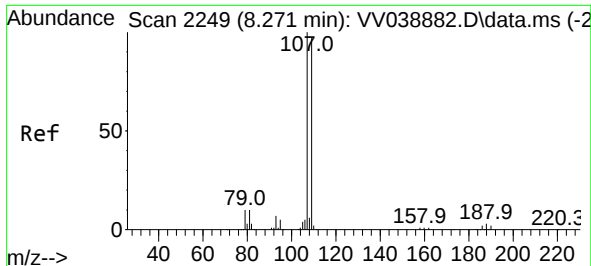
Tgt Ion: 43 Resp: 283236
Ion Ratio Lower Upper
43 100
58 56.5 29.6 88.8



#60
Dibromochloromethane
Concen: 10.828 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 129 Resp: 72928
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





#61

1,2-Dibromoethane

Concen: 11.009 ug/l

RT: 8.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

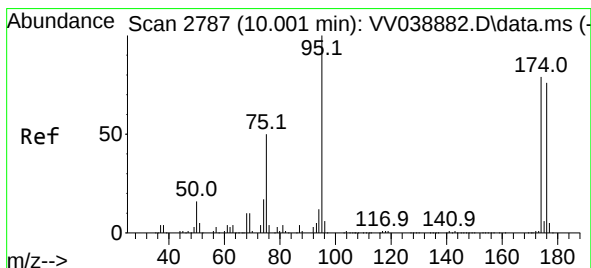
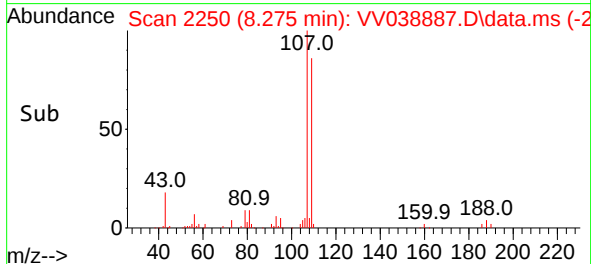
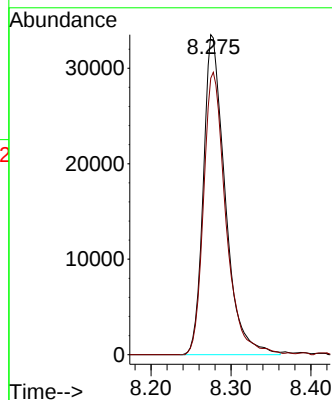
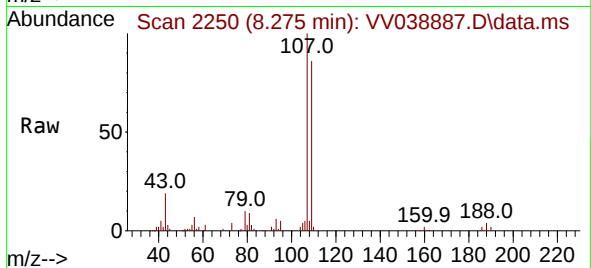
VSTDIC010

Tgt Ion:107 Resp: 63434

Ion Ratio Lower Upper

107 100

109 90.5 77.1 115.7



#62

4-Bromofluorobenzene

Concen: 9.501 ug/l

RT: 10.008 min Scan# 2789

Delta R.T. 0.006 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

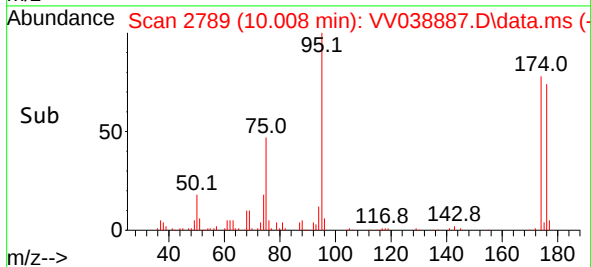
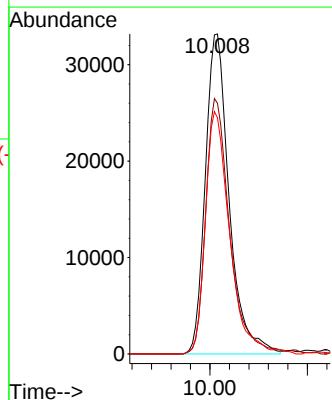
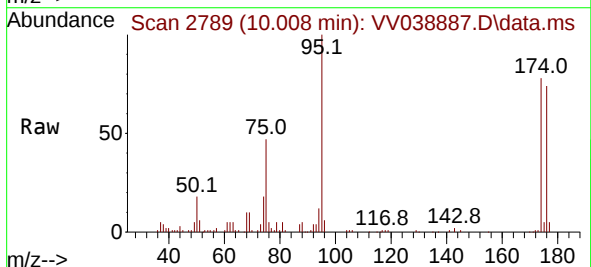
Tgt Ion: 95 Resp: 56404

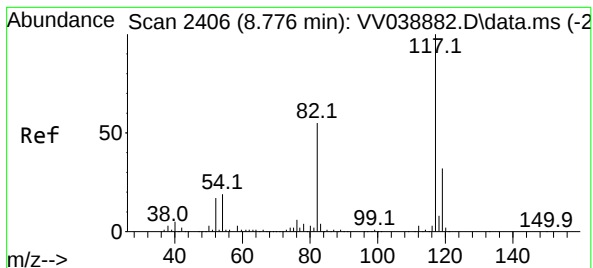
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 76.5 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

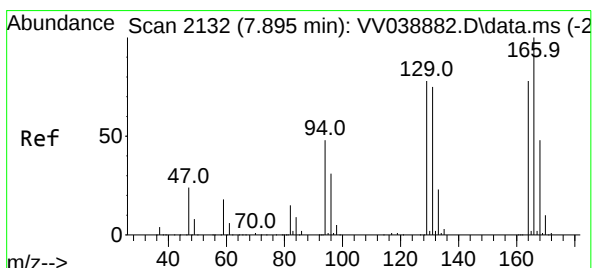
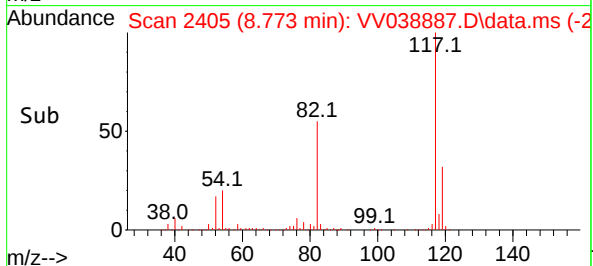
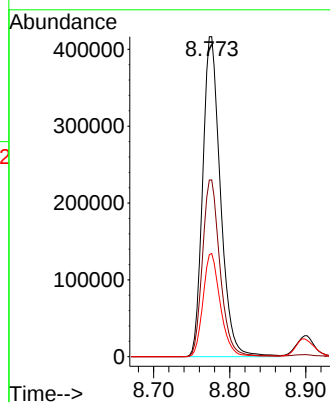
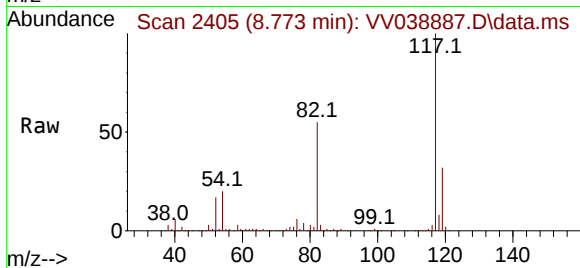
Tgt Ion:117 Resp: 675069

Ion Ratio Lower Upper

117 100

82 55.2 43.7 65.5

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 10.168 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Tgt Ion:164 Resp: 45019

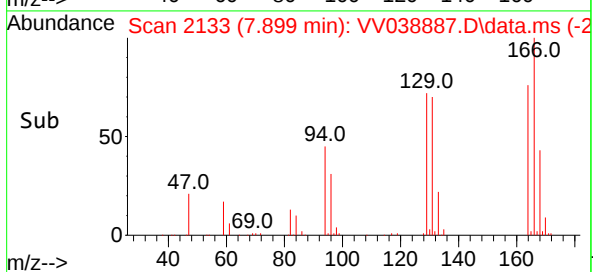
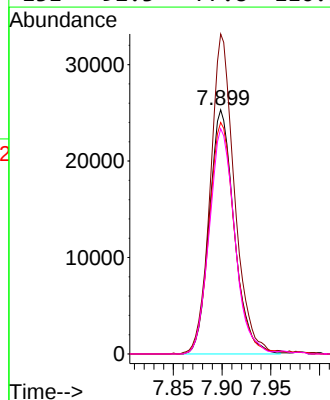
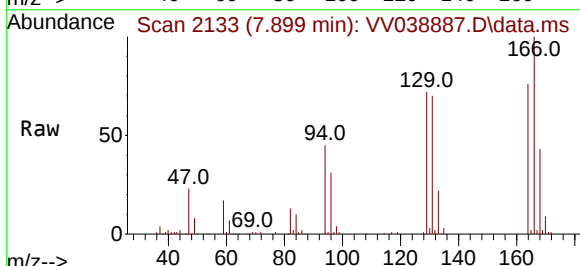
Ion Ratio Lower Upper

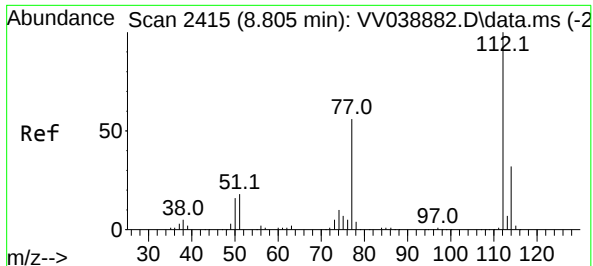
164 100

166 131.1 103.2 154.8

129 94.8 81.0 121.4

131 92.3 77.8 116.8





#65

Chlorobenzene

Concen: 10.280 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

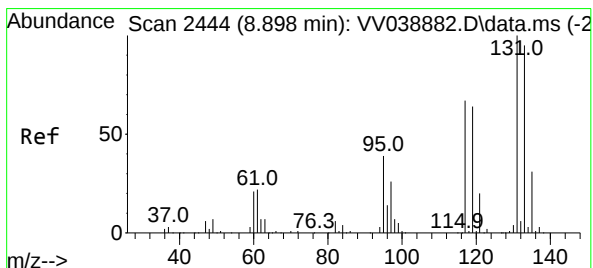
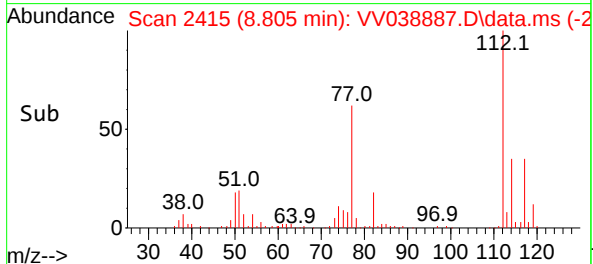
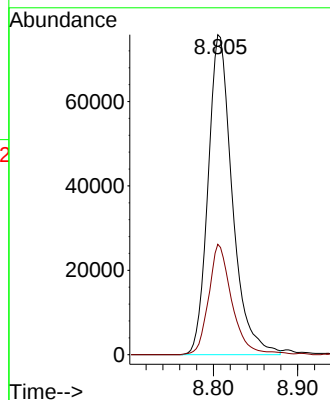
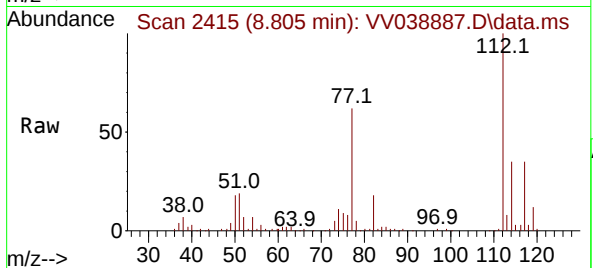
VSTDIC010

Tgt Ion:112 Resp: 151630

Ion Ratio Lower Upper

112 100

114 34.5 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 10.713 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

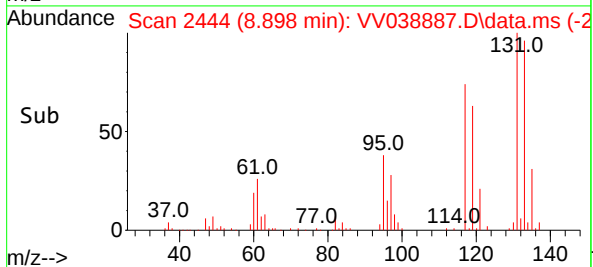
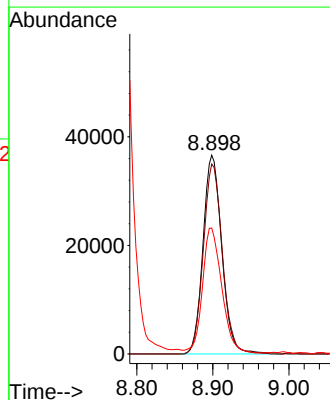
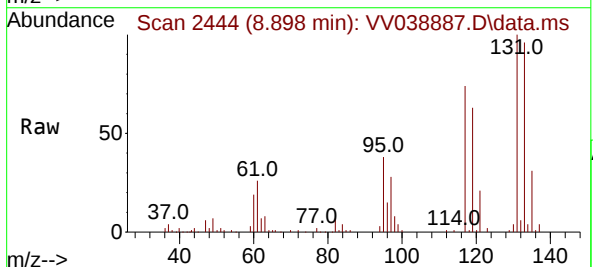
Tgt Ion:131 Resp: 63016

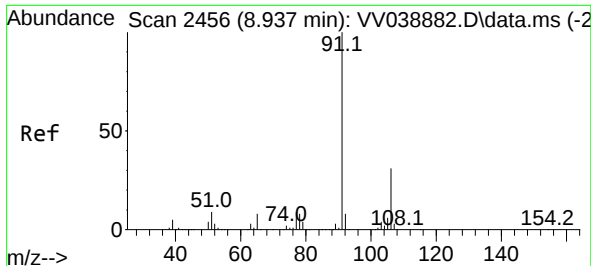
Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.9

119 64.5 32.0 96.2





#67

Ethyl Benzene

Concen: 10.270 ug/l

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

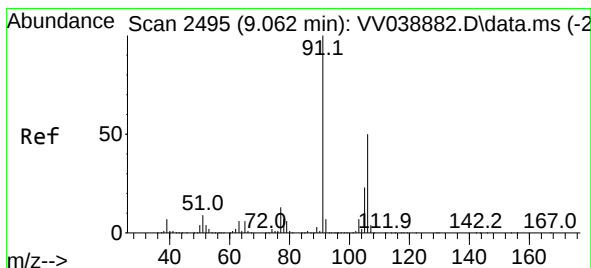
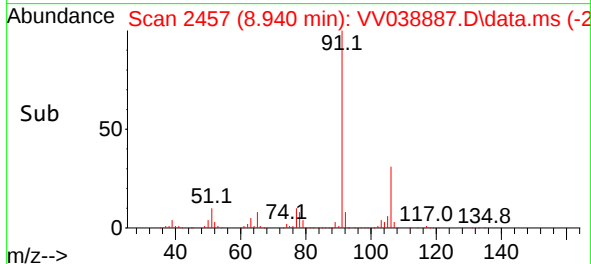
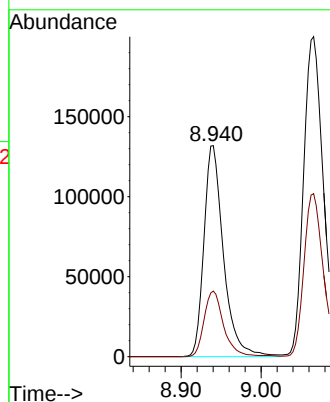
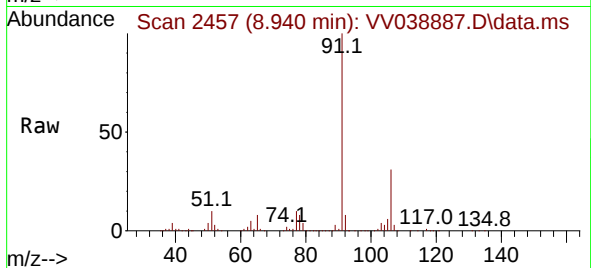
VSTDICC010

Tgt Ion: 91 Resp: 224933

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 20.500 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038887.D

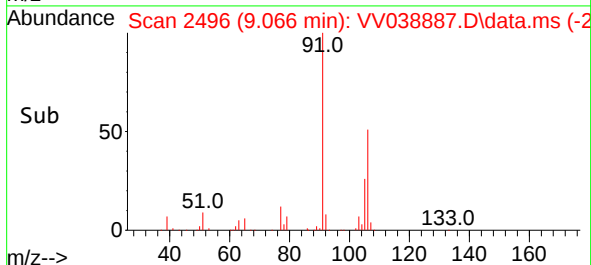
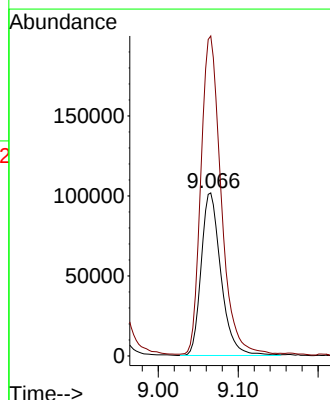
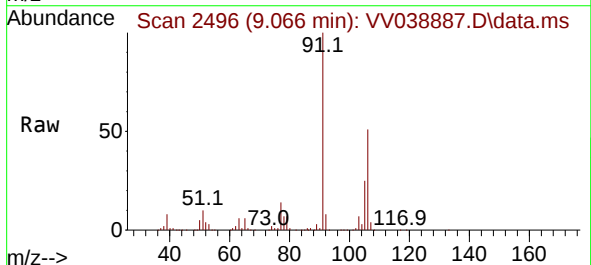
Acq: 11 Jul 2025 14:38

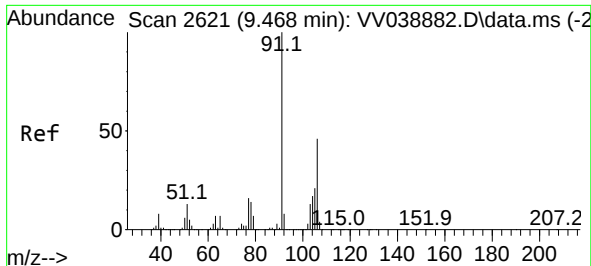
Tgt Ion: 106 Resp: 174808

Ion Ratio Lower Upper

106 100

91 200.4 161.0 241.6

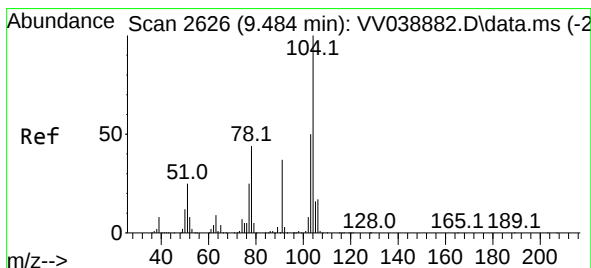
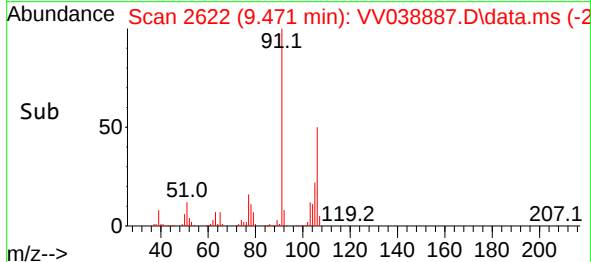
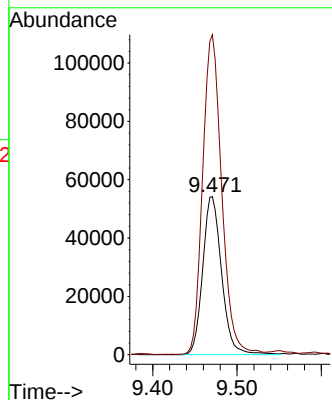
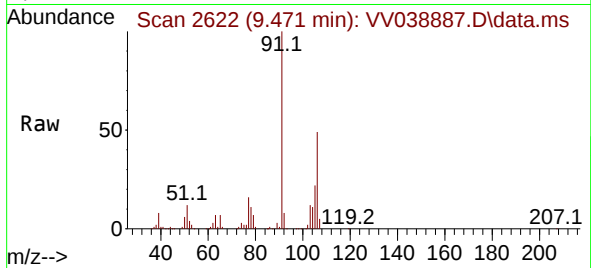




#69
o-Xylene
Concen: 10.547 ug/l
RT: 9.471 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

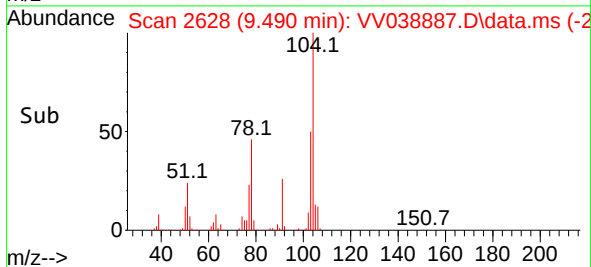
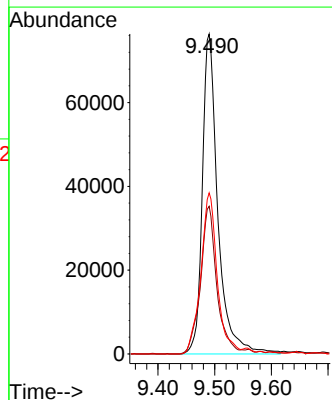
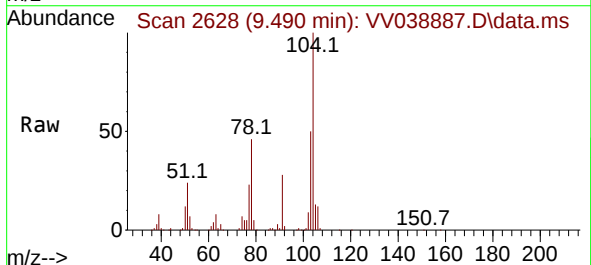
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

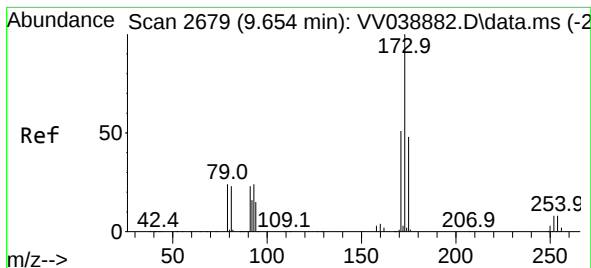
Tgt Ion:106 Resp: 84887
Ion Ratio Lower Upper
106 100
91 203.4 108.9 326.6



#70
Styrene
Concen: 10.235 ug/l
RT: 9.490 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion:104 Resp: 145592
Ion Ratio Lower Upper
104 100
78 48.6 39.9 59.9
103 53.2 43.4 65.2





#71

Bromoform

Concen: 10.671 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

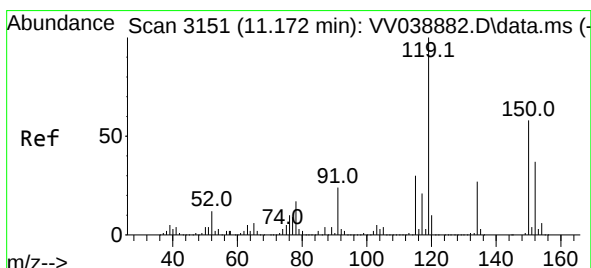
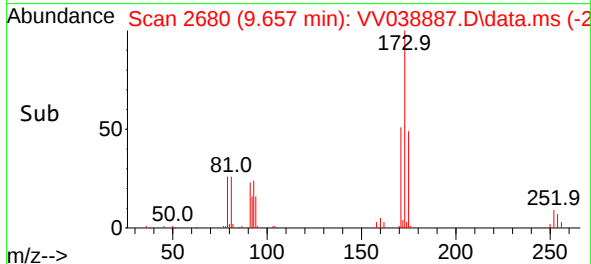
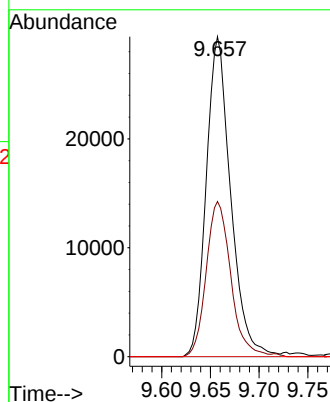
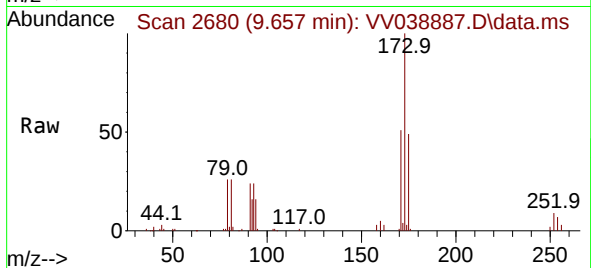
Tgt Ion:173 Resp: 51021

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

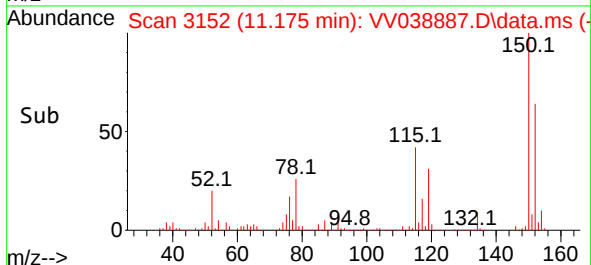
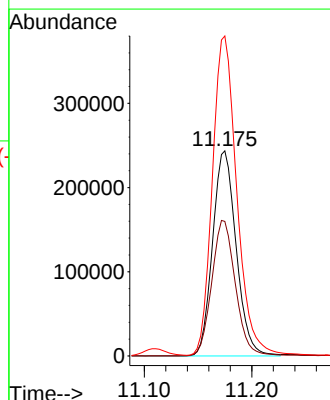
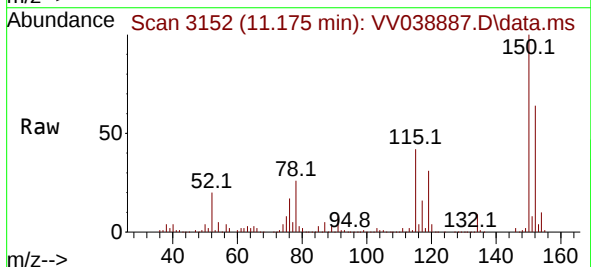
Tgt Ion:152 Resp: 371006

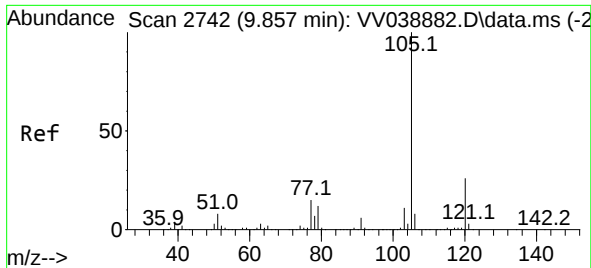
Ion Ratio Lower Upper

152 100

115 66.3 41.8 125.4

150 162.0 0.0 342.4

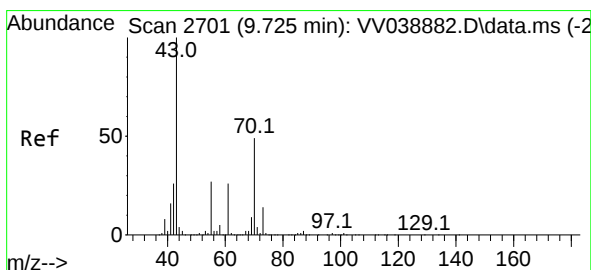
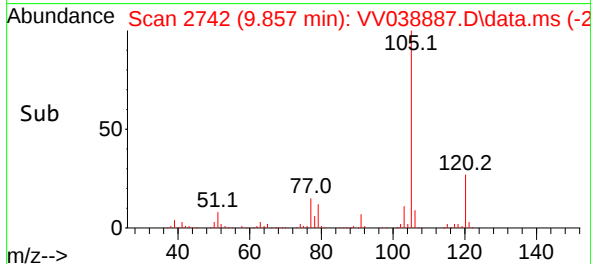
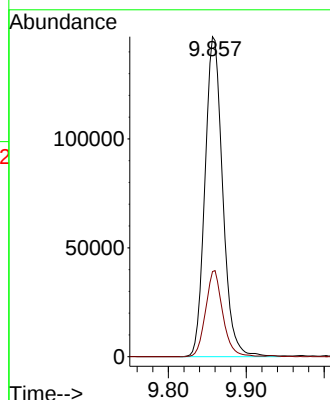
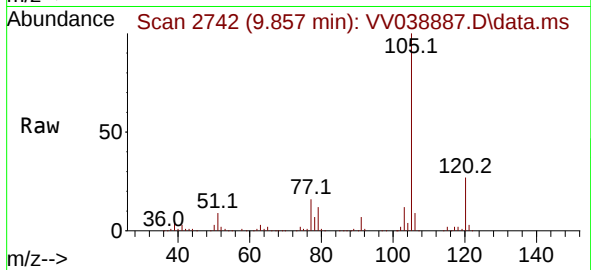




#73
Isopropylbenzene
Concen: 10.487 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

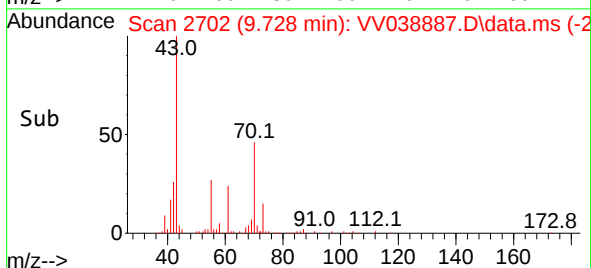
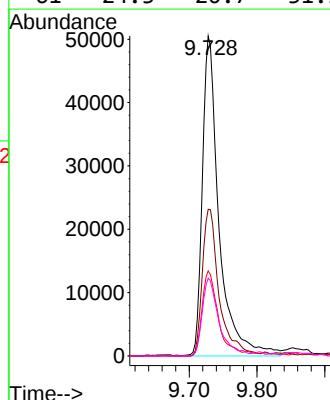
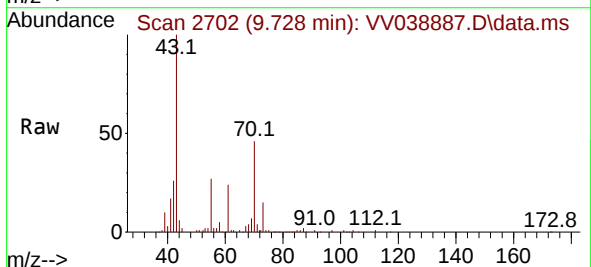
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

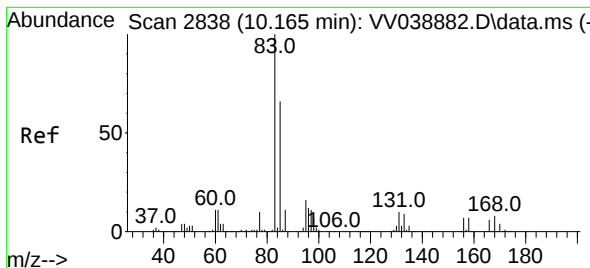
Tgt Ion:105 Resp: 232481
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 10.643 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 43 Resp: 86428
Ion Ratio Lower Upper
43 100
70 46.2 38.6 58.0
55 25.5 21.8 32.8
61 24.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 11.330 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

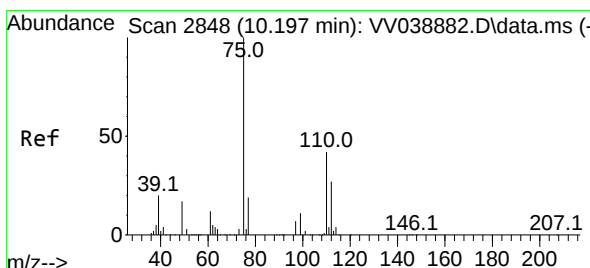
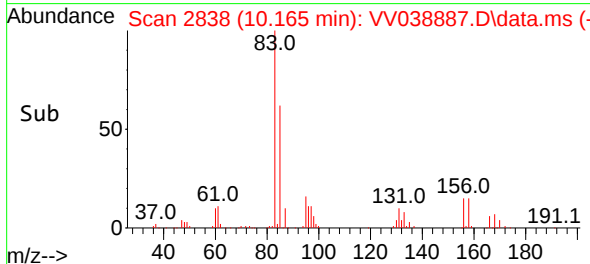
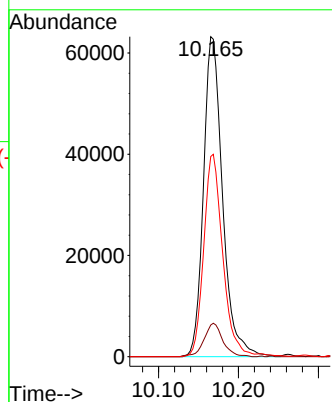
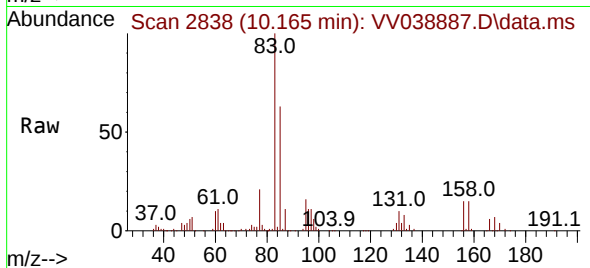
Tgt Ion: 83 Resp: 105206

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 62.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 11.358 ug/l

RT: 10.201 min Scan# 2849

Delta R.T. 0.003 min

Lab File: VV038887.D

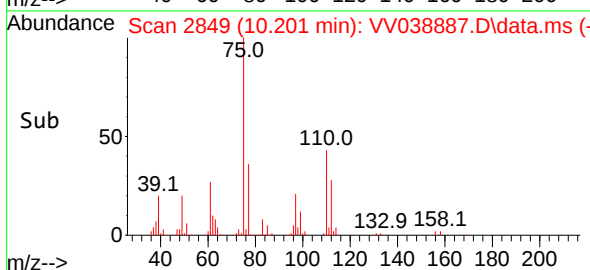
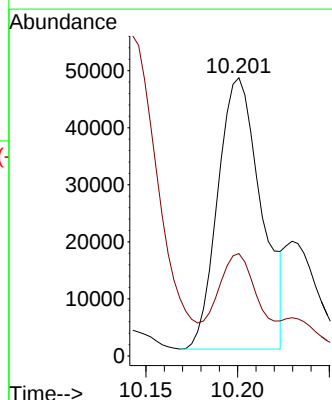
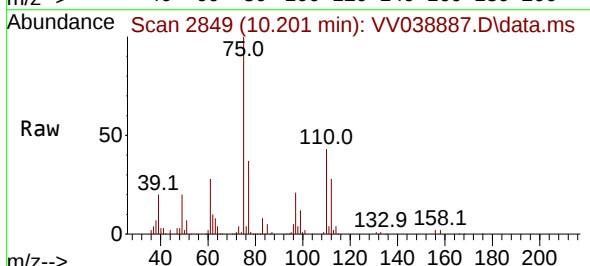
Acq: 11 Jul 2025 14:38

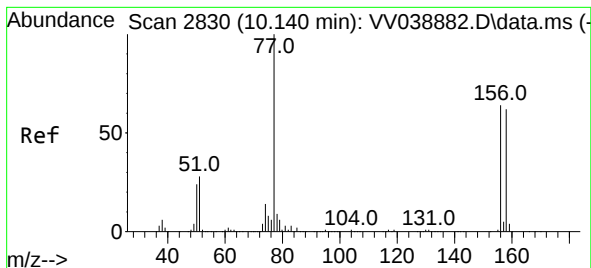
Tgt Ion: 75 Resp: 78348

Ion Ratio Lower Upper

75 100

77 21.3 17.4 52.3





#77

Bromobenzene

Concen: 10.736 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

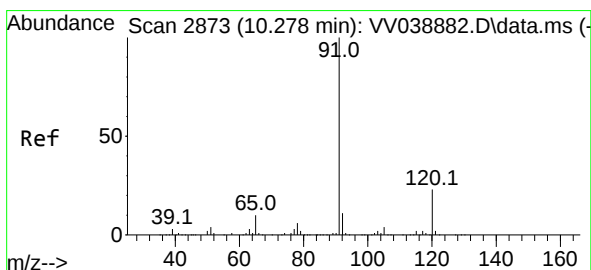
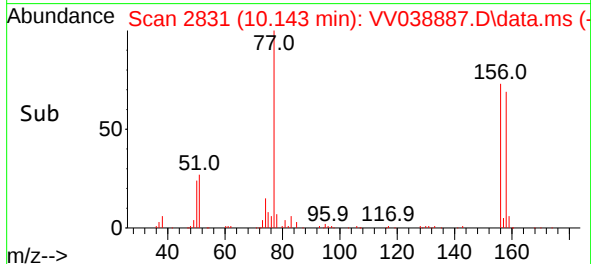
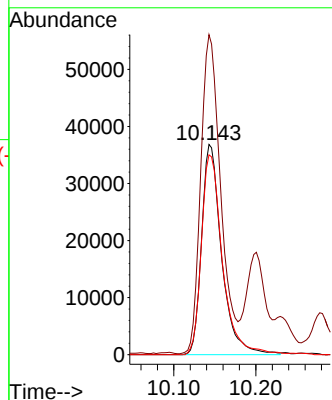
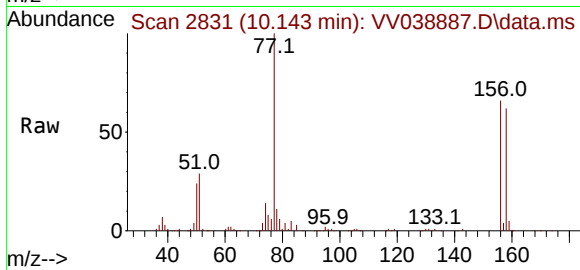
Tgt Ion:156 Resp: 62428

Ion Ratio Lower Upper

156 100

77 150.7 77.2 231.6

158 100.0 48.4 145.3



#78

n-propylbenzene

Concen: 10.488 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038887.D

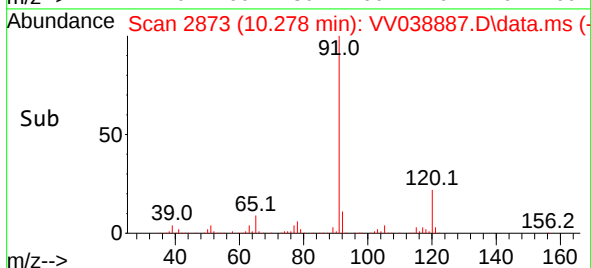
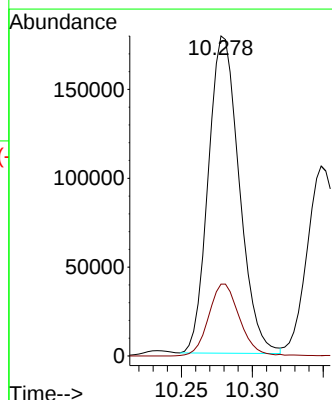
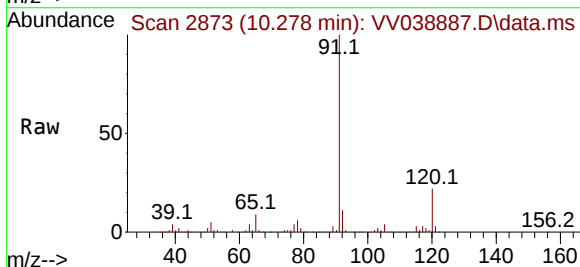
Acq: 11 Jul 2025 14:38

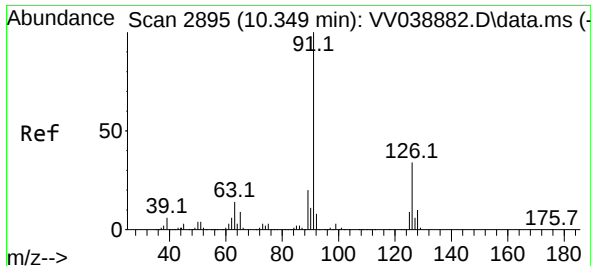
Tgt Ion: 91 Resp: 271734

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 10.587 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

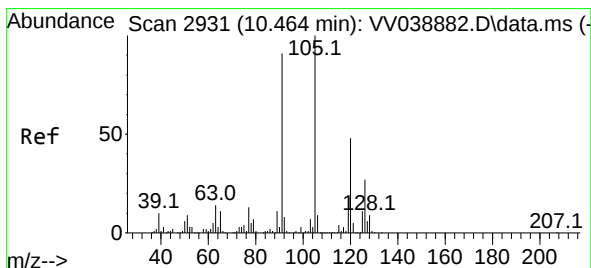
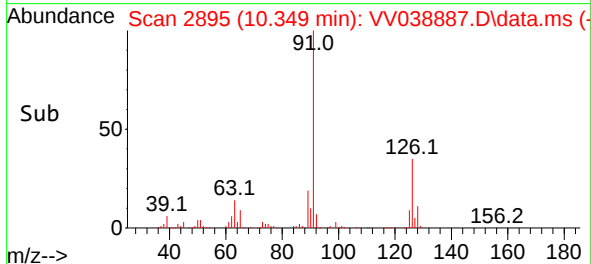
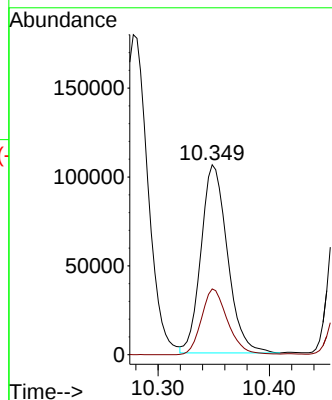
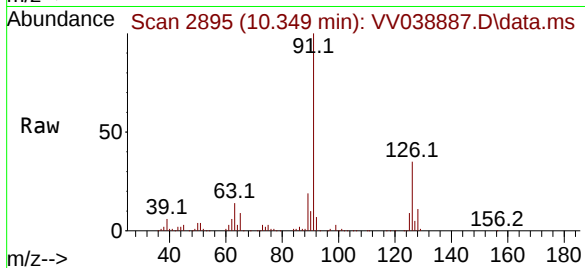
VSTDIC010

Tgt Ion: 91 Resp: 174450

Ion Ratio Lower Upper

91 100

126 34.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 10.571 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038887.D

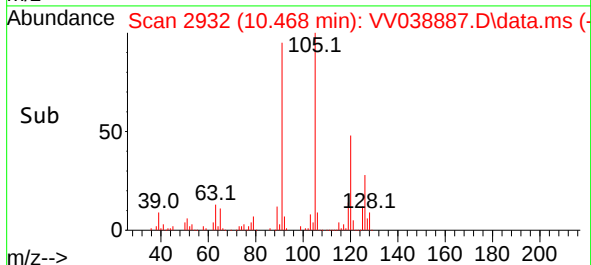
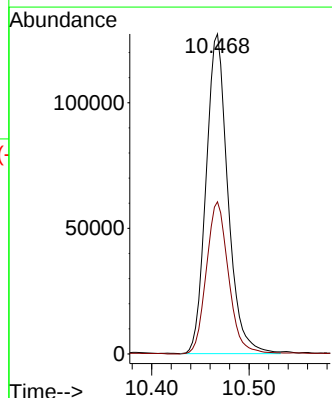
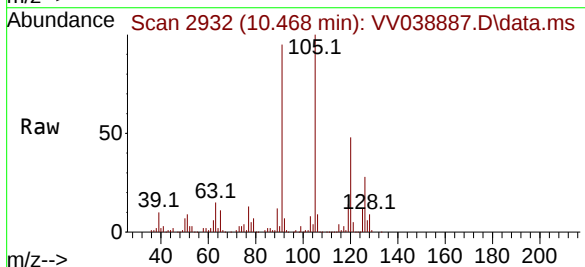
Acq: 11 Jul 2025 14:38

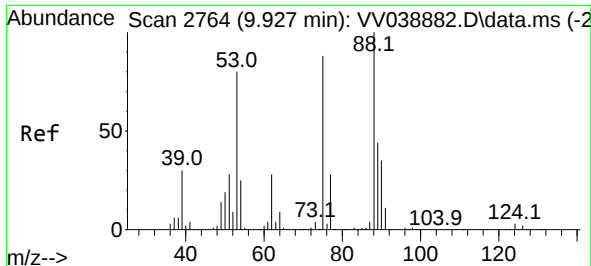
Tgt Ion: 105 Resp: 197610

Ion Ratio Lower Upper

105 100

120 48.7 24.0 72.0

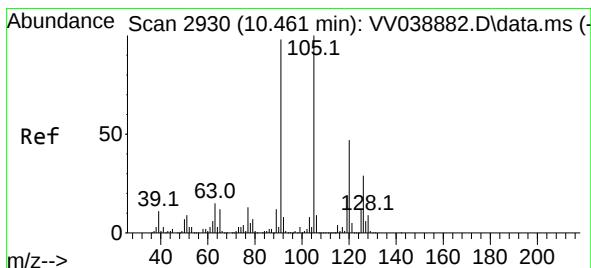
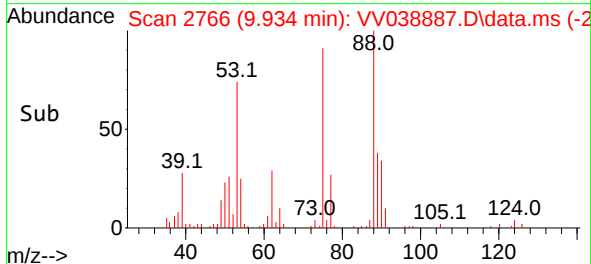
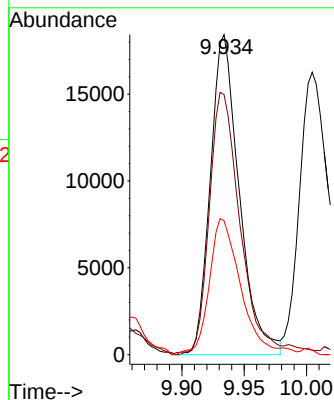
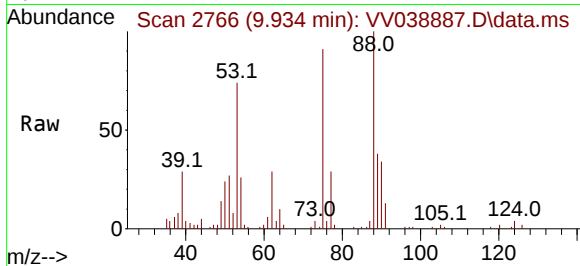




#81
trans-1,4-Dichloro-2-butene
Concen: 10.524 ug/l
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

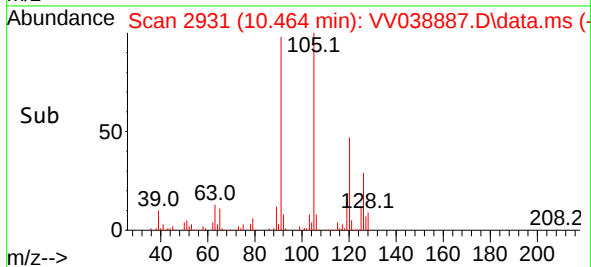
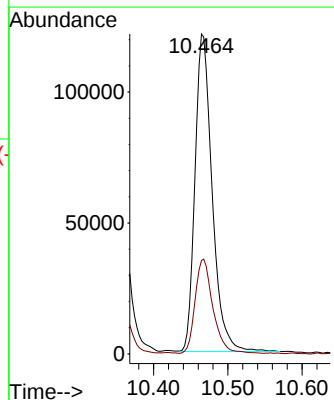
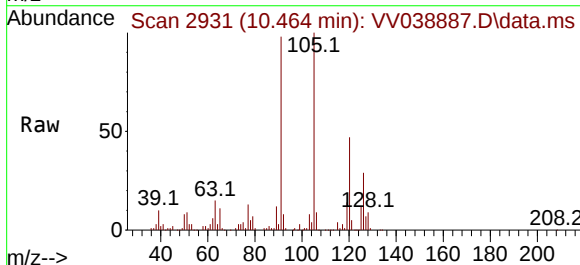
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

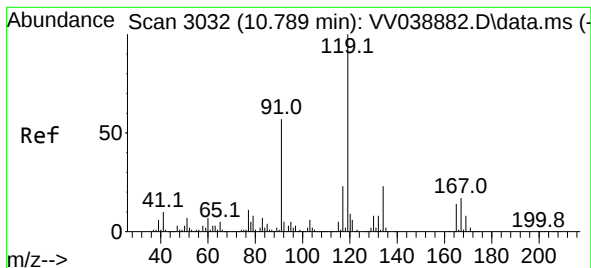
Tgt Ion: 75 Resp: 29748
Ion Ratio Lower Upper
75 100
53 86.6 71.3 106.9
89 46.3 42.2 63.2



#82
4-Chlorotoluene
Concen: 10.612 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion: 91 Resp: 195456
Ion Ratio Lower Upper
91 100
126 30.6 14.9 44.9





#83

tert-Butylbenzene

Concen: 10.443 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

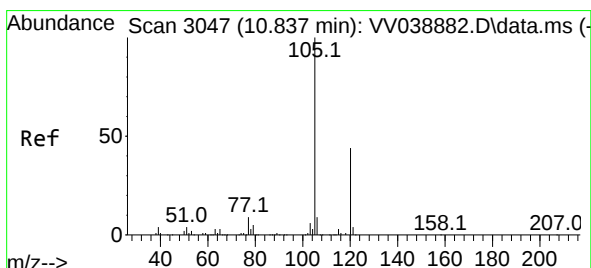
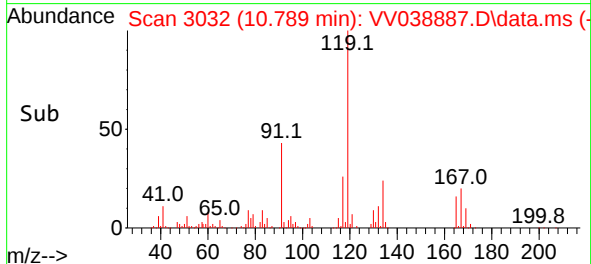
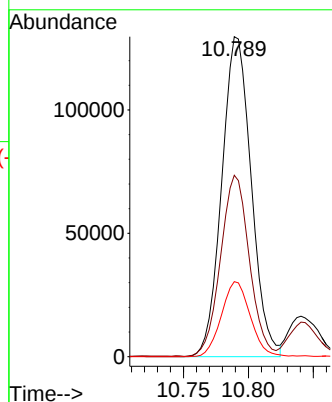
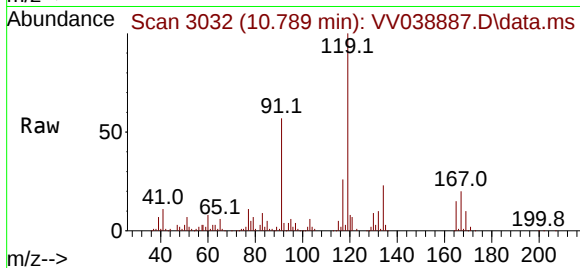
Tgt Ion:119 Resp: 204673

Ion Ratio Lower Upper

119 100

91 55.2 28.1 84.2

134 23.0 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 10.383 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038887.D

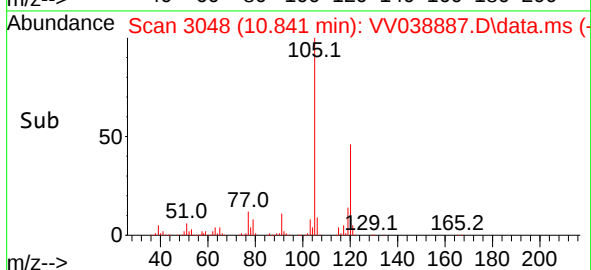
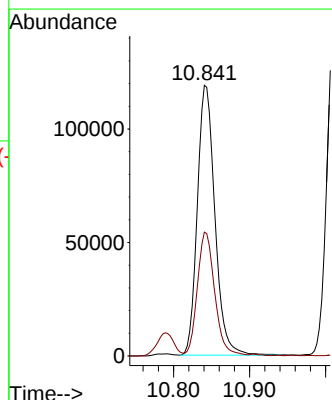
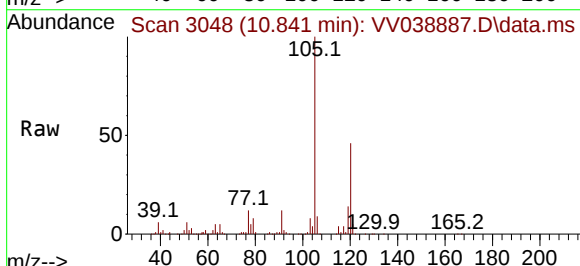
Acq: 11 Jul 2025 14:38

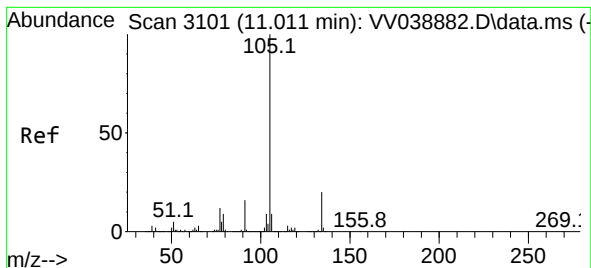
Tgt Ion:105 Resp: 190985

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 10.424 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

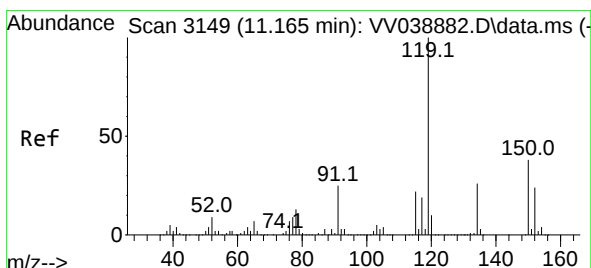
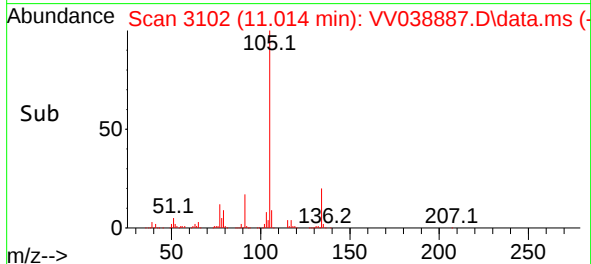
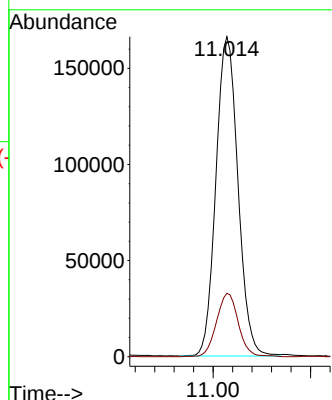
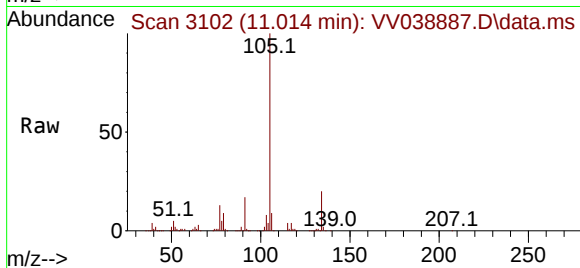
VSTDIC010

Tgt Ion:105 Resp: 260761

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 10.312 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

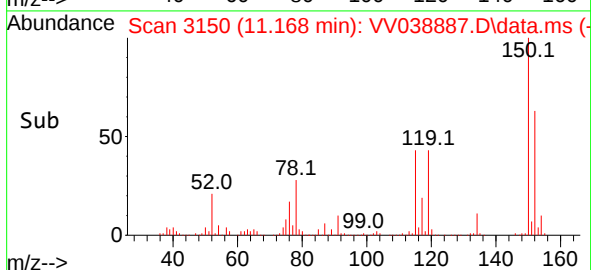
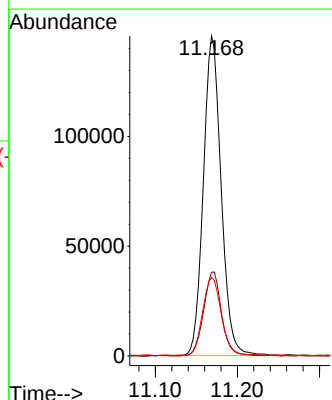
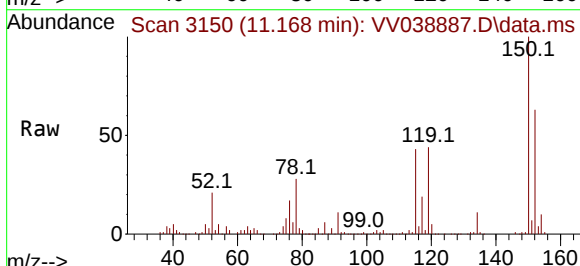
Tgt Ion:119 Resp: 219003

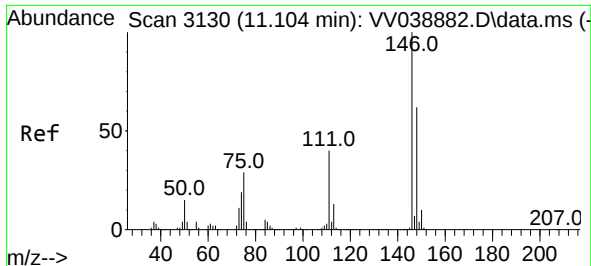
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.8 12.3 36.8

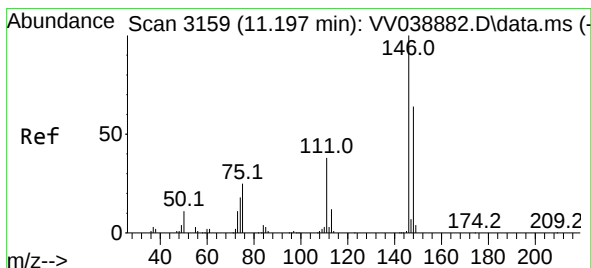
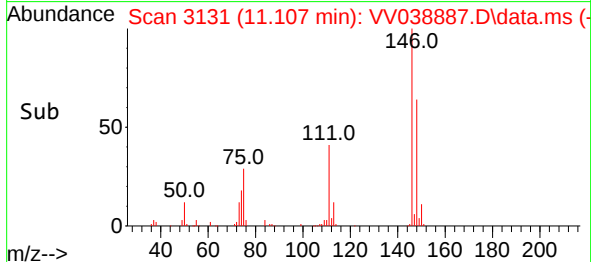
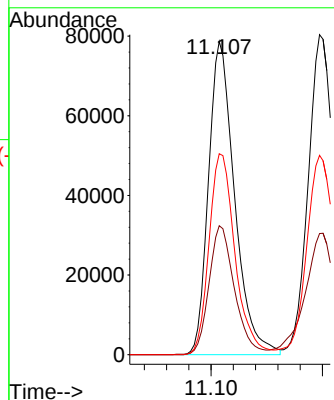
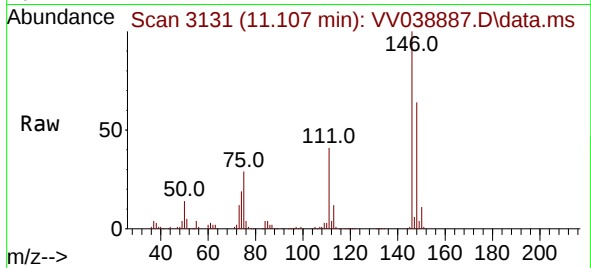




#87
1,3-Dichlorobenzene
Concen: 10.784 ug/l
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

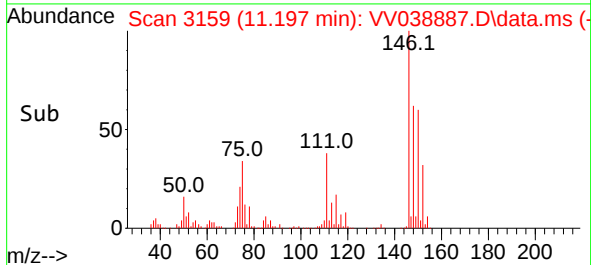
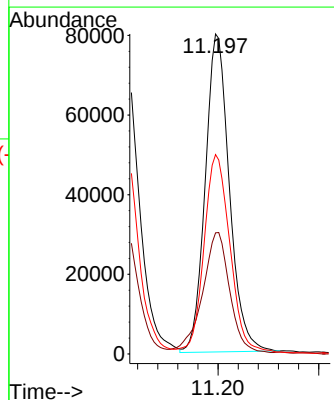
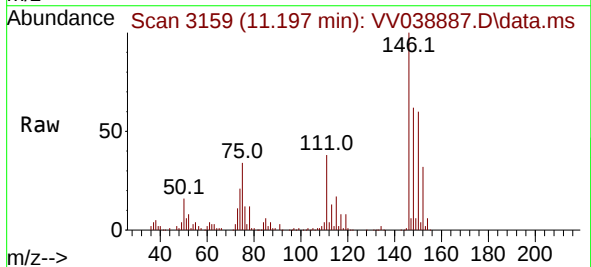
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

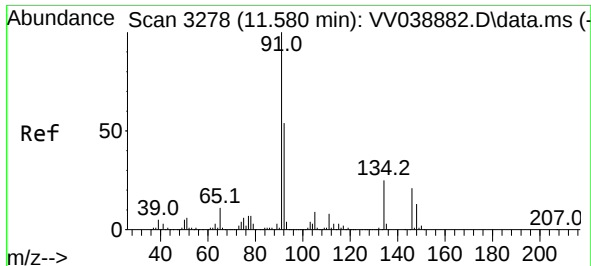
Tgt Ion:146 Resp: 128005
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 64.0 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 10.296 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038887.D
Acq: 11 Jul 2025 14:38

Tgt Ion:146 Resp: 132944
Ion Ratio Lower Upper
146 100
111 42.8 19.8 59.3
148 68.1 32.1 96.5





#89

n-Butylbenzene

Concen: 9.905 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

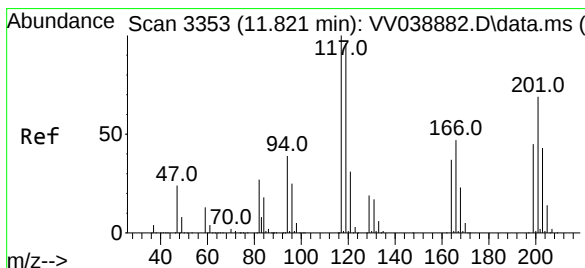
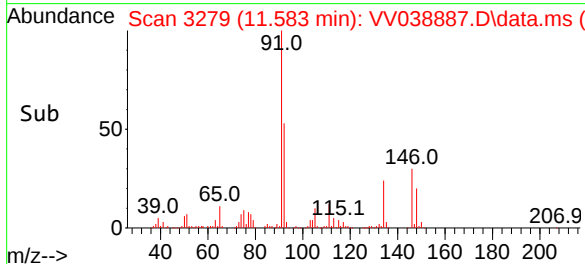
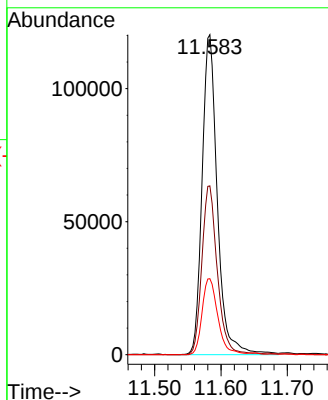
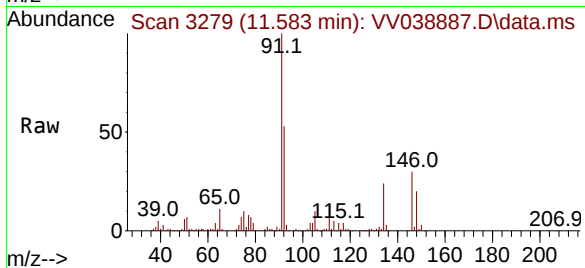
Tgt Ion: 91 Resp: 192052

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 24.5 12.7 38.1



#90

Hexachloroethane

Concen: 10.159 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038887.D

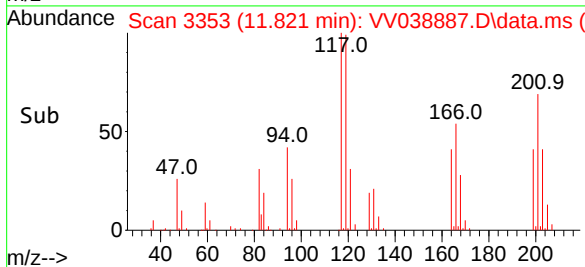
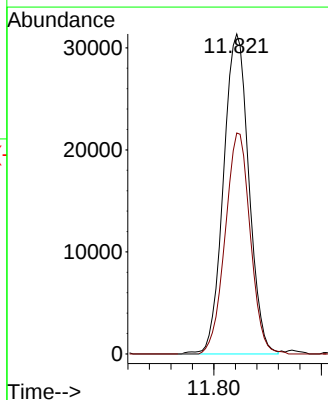
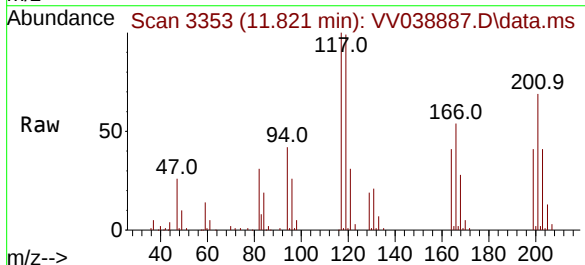
Acq: 11 Jul 2025 14:38

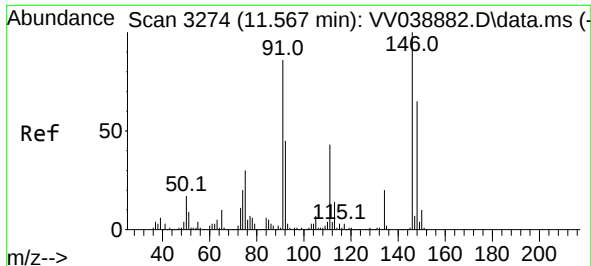
Tgt Ion: 117 Resp: 51317

Ion Ratio Lower Upper

117 100

201 68.4 34.0 102.0

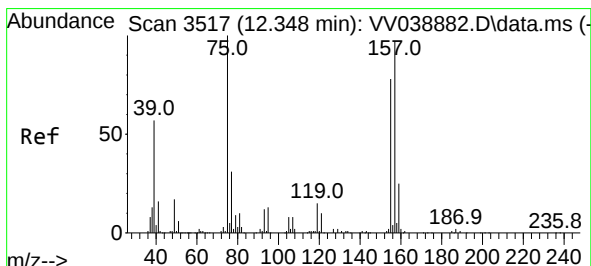
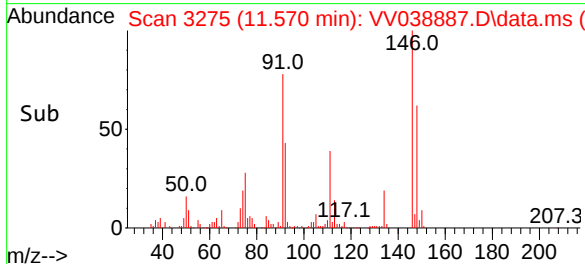
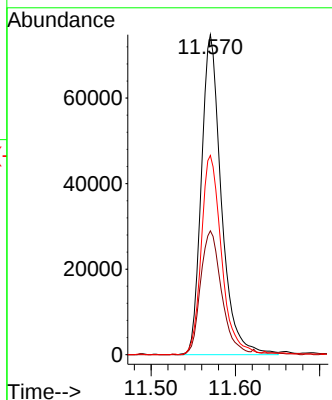
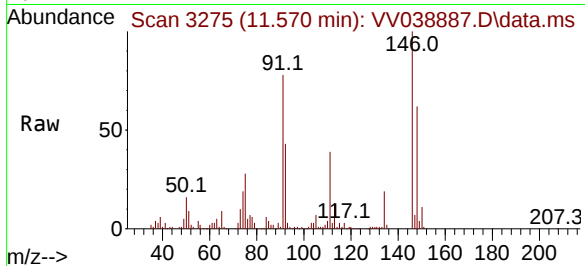




#91
 1,2-Dichlorobenzene
 Concen: 10.739 ug/l
 RT: 11.570 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

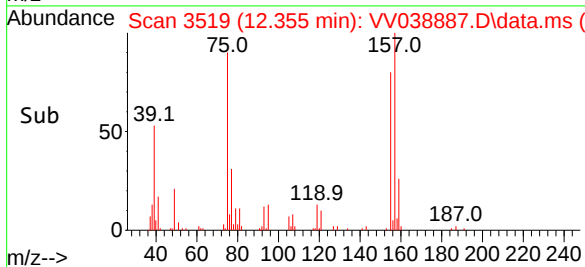
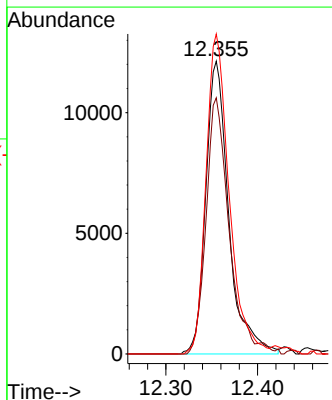
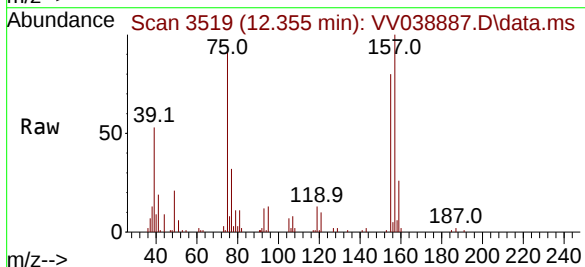
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

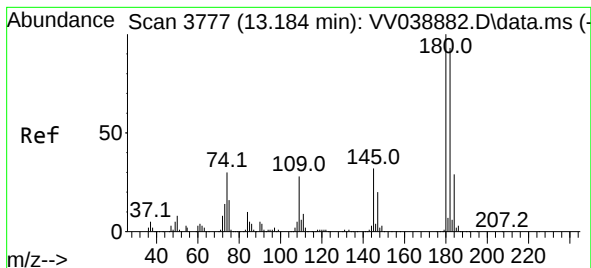
Tgt Ion:146 Resp: 123742
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.4 64.3
 148 63.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.089 ug/l
 RT: 12.355 min Scan# 3519
 Delta R.T. 0.006 min
 Lab File: VV038887.D
 Acq: 11 Jul 2025 14:38

Tgt Ion: 75 Resp: 21180
 Ion Ratio Lower Upper
 75 100
 155 85.9 40.2 120.6
 157 109.8 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 10.045 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

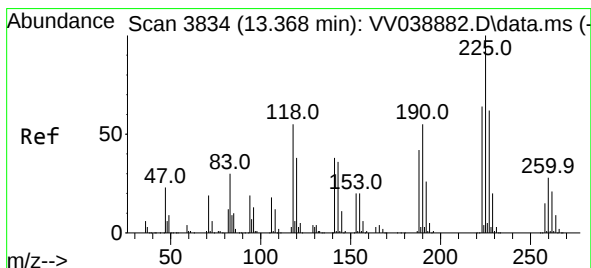
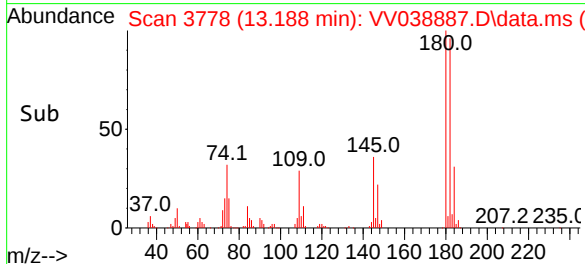
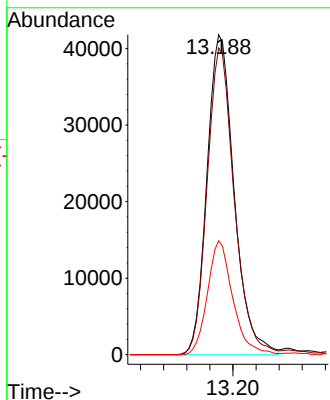
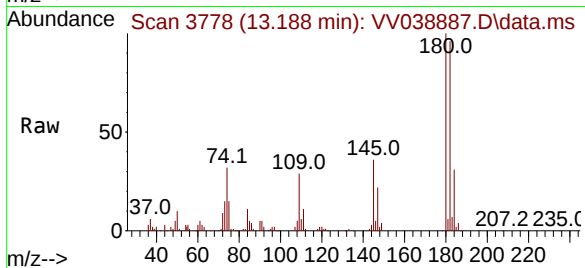
Tgt Ion:180 Resp: 68322

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 33.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 10.023 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

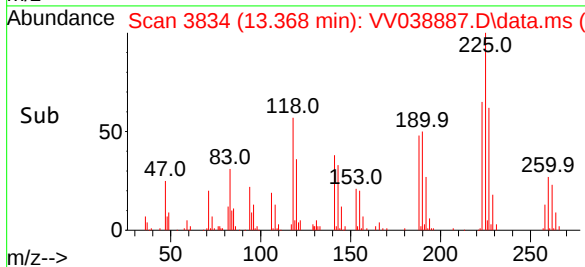
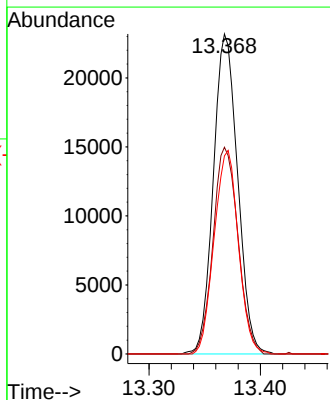
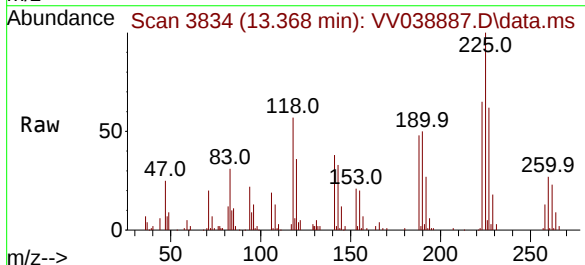
Tgt Ion:225 Resp: 35108

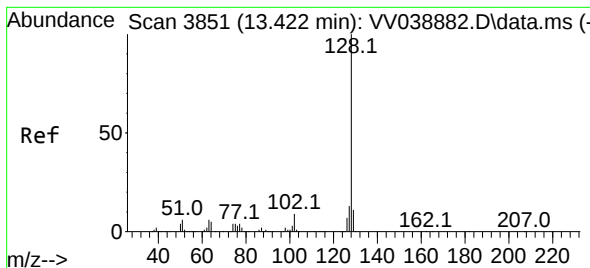
Ion Ratio Lower Upper

225 100

223 66.4 32.4 97.2

227 63.4 31.3 93.9





#95

Naphthalene

Concen: 9.777 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

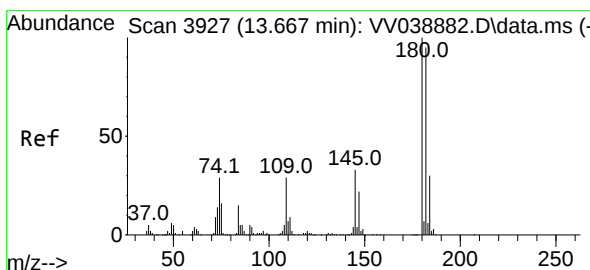
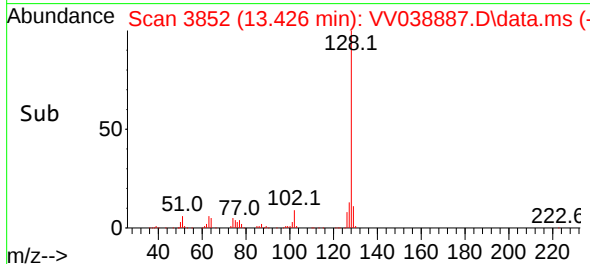
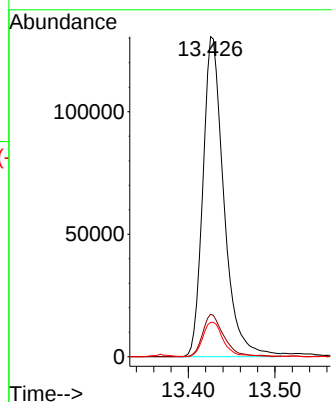
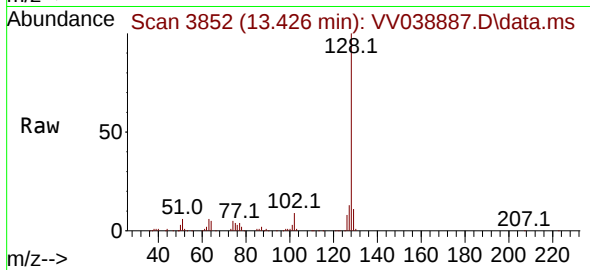
Tgt Ion:128 Resp: 220060

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.320 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV038887.D

Acq: 11 Jul 2025 14:38

Tgt Ion:180 Resp: 72753

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 35.3 17.0 51.0

