

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038945.D
 Acq On : 13 Aug 2025 11:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 02:42:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:40:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	563165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	919065	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	846223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	475140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	390315	50.251	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.500%	
35) Dibromofluoromethane	4.497	113	281843	43.531	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 87.060%	
50) Toluene-d8	7.233	98	1156282	51.265	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	10.001	95	429432	52.400	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 104.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	176419	23.229	ug/l	98
3) Chloromethane	1.227	50	168130	21.053	ug/l	100
4) Vinyl Chloride	1.294	62	215552	24.375	ug/l	99
5) Bromomethane	1.487	94	150289	25.297	ug/l	99
6) Chloroethane	1.551	64	138983	25.792	ug/l	99
7) Trichlorofluoromethane	1.722	101	344203	29.668	ug/l	99
8) Diethyl Ether	1.915	74	138749	38.119	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.076	101	194381	30.665	ug/l	99
10) Methyl Iodide	2.191	142	265350	30.894	ug/l	100
11) Tert butyl alcohol	2.567	59	276607	180.384	ug/l	99
12) 1,1-Dichloroethene	2.076	96	157162	25.008	ug/l	98
13) Acrolein	2.005	56	192517	313.379	ug/l	97
14) Allyl chloride	2.352	41	297751	27.371	ug/l	96
15) Acrylonitrile	2.670	53	603920	140.351	ug/l	99
16) Acetone	2.117	43	476146	149.759	ug/l	98
17) Carbon Disulfide	2.249	76	290057	14.774	ug/l	99
18) Methyl Acetate	2.375	43	483664	58.606	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	597143	26.199	ug/l	92
20) Methylene Chloride	2.452	84	186624	25.351	ug/l	91
21) trans-1,2-Dichloroethene	2.696	96	141165	18.324	ug/l	90
22) Diisopropyl ether	3.214	45	458023	22.126	ug/l #	82
23) Vinyl Acetate	3.185	43	1646065	94.675	ug/l #	92
24) 1,1-Dichloroethane	3.114	63	262414	20.258	ug/l	99
25) 2-Butanone	3.863	43	579025	121.920	ug/l	90
26) 2,2-Dichloropropane	3.805	77	308082	27.112	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	202760	25.515	ug/l	95
28) Bromochloromethane	4.143	49	95451	26.954	ug/l #	79
29) Tetrahydrofuran	4.233	42	390111	127.545	ug/l	89
30) Chloroform	4.275	83	409682	29.594	ug/l	97
31) Cyclohexane	4.580	56	303527	26.707	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	419404	33.608	ug/l	100
36) 1,1-Dichloropropene	4.741	75	296340	34.802	ug/l	99
37) Ethyl Acetate	3.973	43	206395	20.680	ug/l #	96
38) Carbon Tetrachloride	4.728	117	377727	37.627	ug/l	100
39) Methylcyclohexane	6.043	83	326058	29.141	ug/l	93
40) Benzene	5.005	78	998113	35.761	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	110823	28.788	ug/l	89
42) 1,2-Dichloroethane	5.037	62	377242	39.248	ug/l	99
43) Isopropyl Acetate	5.191	43	598886	42.872	ug/l	99
44) Trichloroethene	5.828	130	250667	34.696	ug/l	97
45) 1,2-Dichloropropane	6.088	63	277862	42.711	ug/l	96
46) Dibromomethane	6.223	93	205705	39.456	ug/l	99
47) Bromodichloromethane	6.426	83	449119	42.857	ug/l	99
48) Methyl methacrylate	6.294	41	284490	43.740	ug/l	99
49) 1,4-Dioxane	6.284	88	102087	824.519	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2150005	226.937	ug/l	98
52) Toluene	7.307	92	653356	38.149	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	419656	40.932	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	448782	40.910	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	308549	43.378	ug/l	99
56) Ethyl methacrylate	7.715	69	430329	46.660	ug/l	100
57) 1,3-Dichloropropane	7.934	76	479603	42.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.808	63	939734	161.311	ug/l	100
59) 2-Hexanone	8.062	43	1590535	233.571	ug/l	99
60) Dibromochloromethane	8.165	129	363421	42.291	ug/l	99
61) 1,2-Dibromoethane	8.271	107	311383	40.675	ug/l	99
64) Tetrachloroethene	7.895	164	231019	36.082	ug/l	97
65) Chlorobenzene	8.805	112	777923	39.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	303782	43.997	ug/l	99
67) Ethyl Benzene	8.937	91	1275917	42.519	ug/l	99
68) m/p-Xylenes	9.062	106	1009308	85.894	ug/l	100
69) o-Xylene	9.467	106	476628	44.159	ug/l	98
70) Styrene	9.484	104	893231	47.539	ug/l	99
71) Bromoform	9.654	173	258552	46.082	ug/l #	99
73) Isopropylbenzene	9.857	105	1341104	44.081	ug/l	99
74) N-amyl acetate	9.725	43	514786	43.793	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	506101	42.869	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	373944	42.039	ug/l	100
77) Bromobenzene	10.140	156	335954	42.686	ug/l	99
78) n-propylbenzene	10.278	91	1627947	44.715	ug/l	99
79) 2-Chlorotoluene	10.348	91	967417	43.471	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1164069	45.348	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	164883	45.131	ug/l	97
82) 4-Chlorotoluene	10.461	91	1151666	44.924	ug/l	99
83) tert-Butylbenzene	10.789	119	1174393	45.628	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	1164328	47.160	ug/l	98
85) sec-Butylbenzene	11.014	105	1547596	46.081	ug/l	100
86) p-Isopropyltoluene	11.165	119	1292784	45.063	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	667280	41.358	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	701188	40.206	ug/l	99
89) n-Butylbenzene	11.580	91	1244699	45.899	ug/l	100
90) Hexachloroethane	11.821	117	267540	42.399	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	645265	42.681	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	109549	42.223	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	419015	44.910	ug/l	100
94) Hexachlorobutadiene	13.371	225	190698	41.133	ug/l	99
95) Naphthalene	13.426	128	1443475	49.214	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	433291	45.878	ug/l	99

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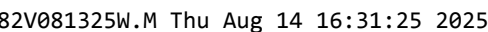
Instrument :
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ClientSampleId :
VSTDCCC050

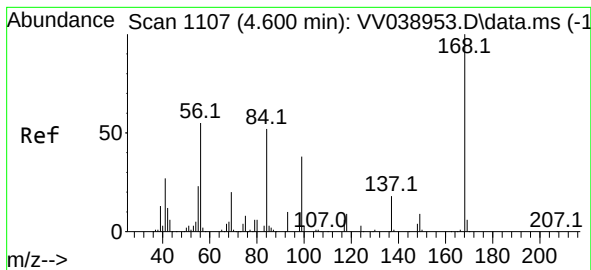
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.004 min

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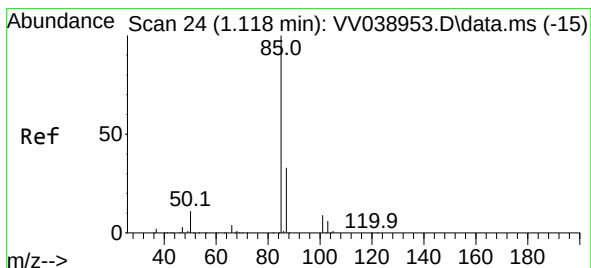
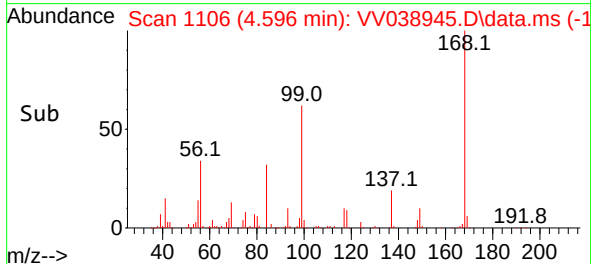
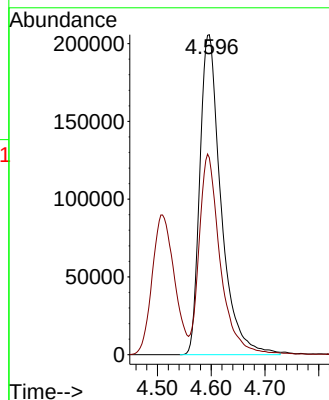
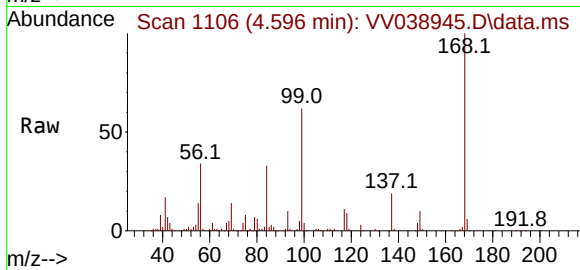
VSTDCCC050

Tgt Ion:168 Resp: 563165

Ion Ratio Lower Upper

168 100

99 61.0 48.0 72.0



#2

Dichlorodifluoromethane

Concen: 23.229 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038945.D

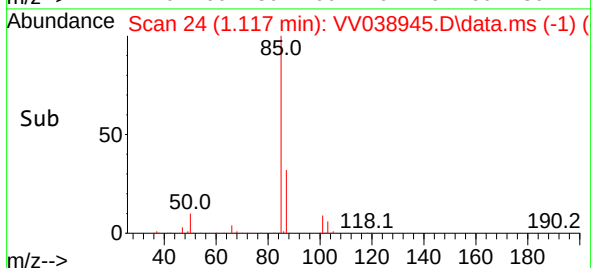
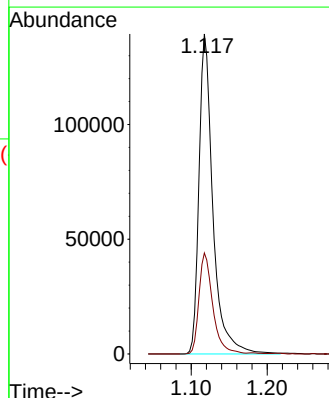
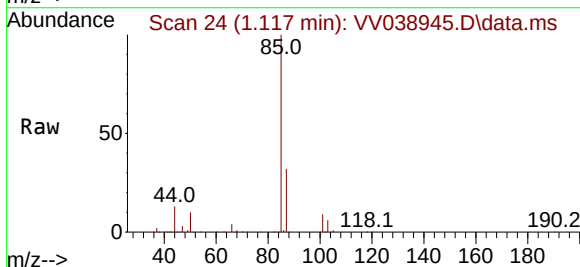
Acq: 13 Aug 2025 11:39

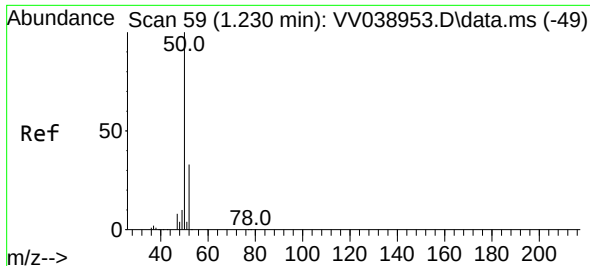
Tgt Ion: 85 Resp: 176419

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9

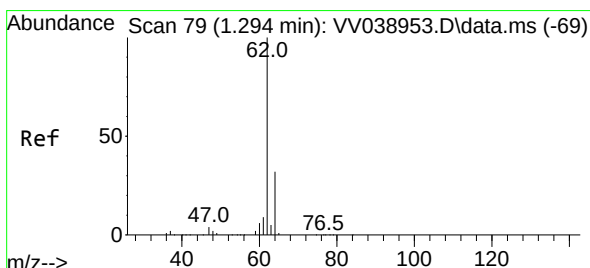
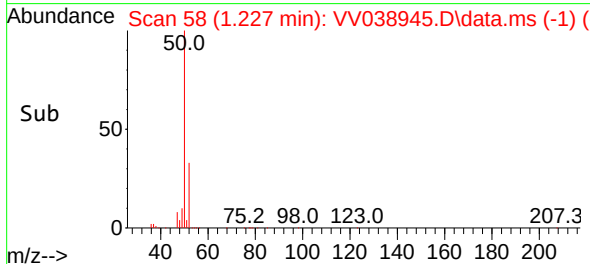
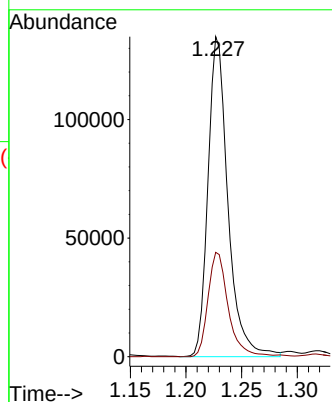
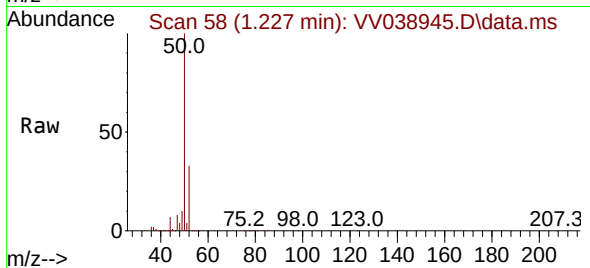




#3
Chloromethane
Concen: 21.053 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.003 min
Lab File: VV038945.D
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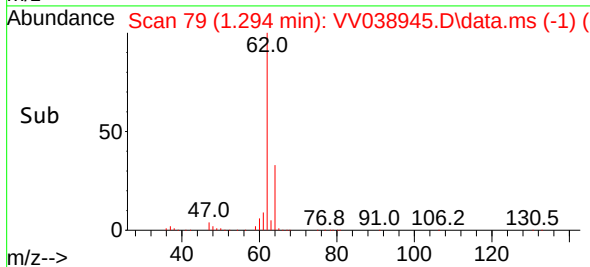
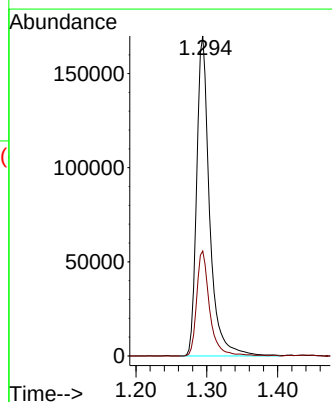
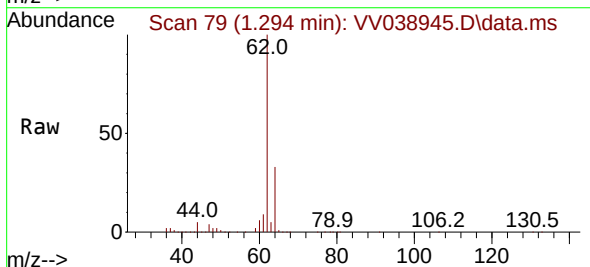
Instrument :
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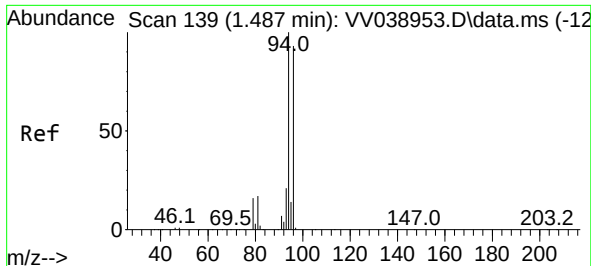
Tgt Ion: 50 Resp: 168130
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 24.375 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 62 Resp: 215552
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.8

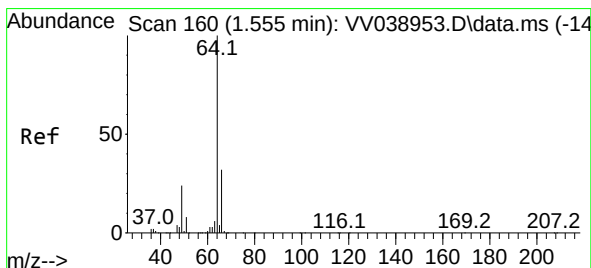
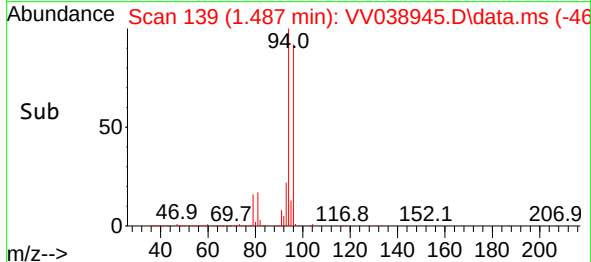
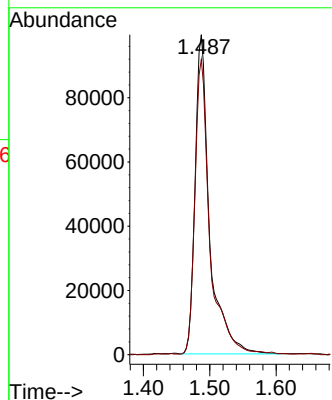
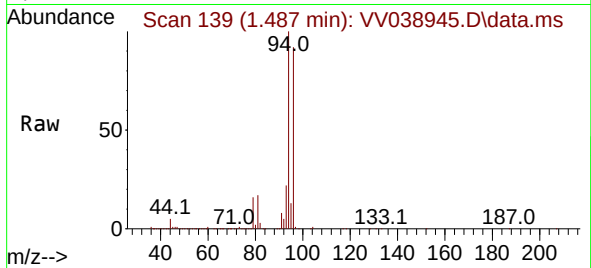




#5
Bromomethane
Concen: 25.297 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

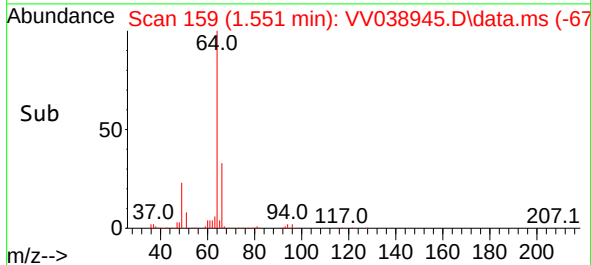
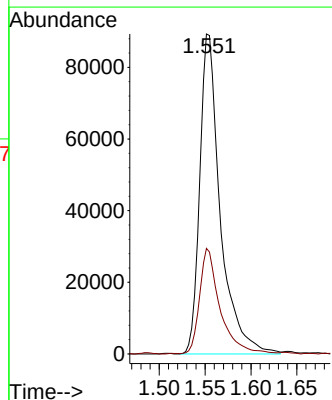
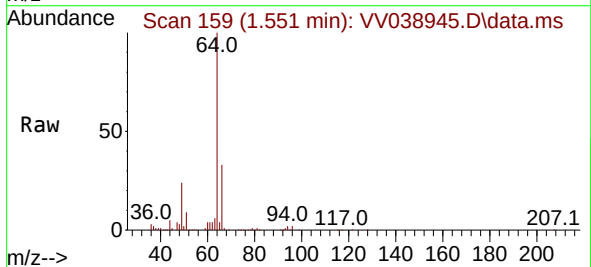
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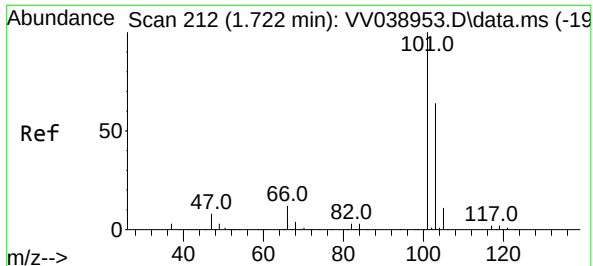
Tgt Ion: 94 Resp: 150289
Ion Ratio Lower Upper
94 100
96 92.2 74.4 111.6



#6
Chloroethane
Concen: 25.792 ug/l
RT: 1.551 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 64 Resp: 138983
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8

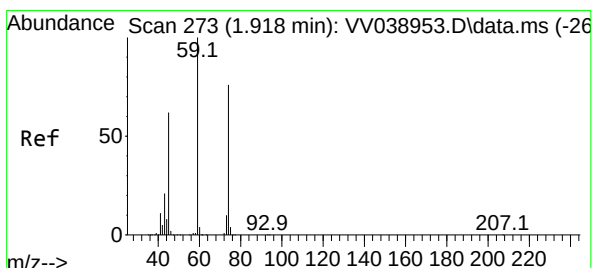
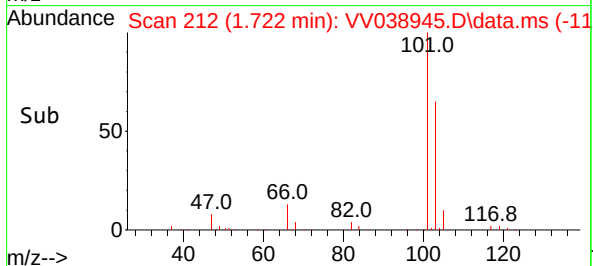
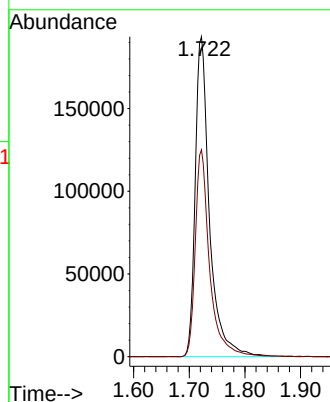
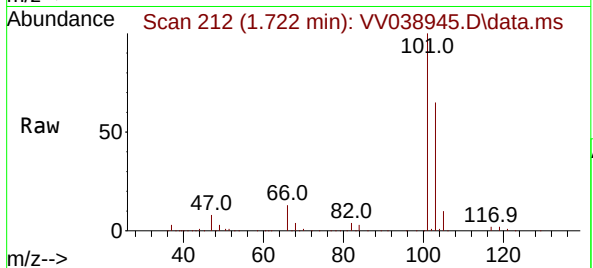




#7
Trichlorofluoromethane
Concen: 29.668 ug/l
RT: 1.722 min Scan# 212
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

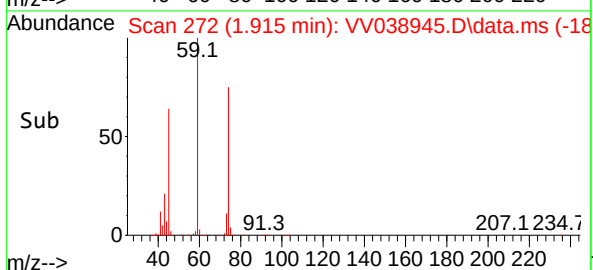
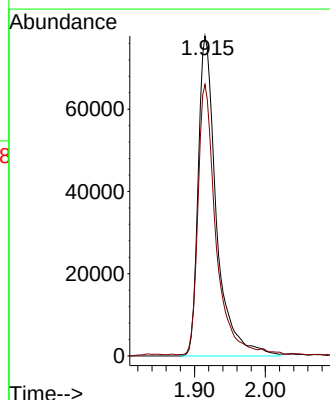
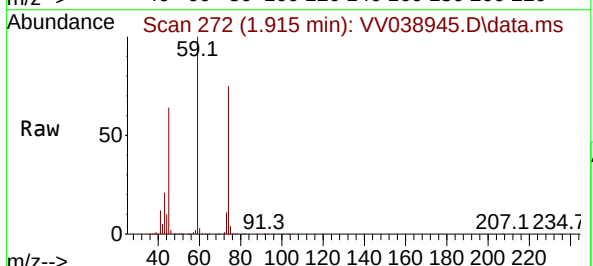
Instrument :
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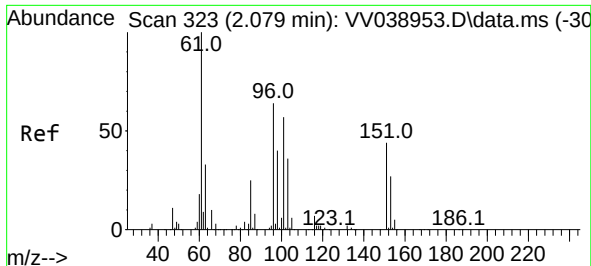
Tgt Ion:101 Resp: 344203
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4



#8
Diethyl Ether
Concen: 38.119 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV038945.D
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Tgt Ion: 74 Resp: 138749
Ion Ratio Lower Upper
74 100
45 81.9 39.5 118.3

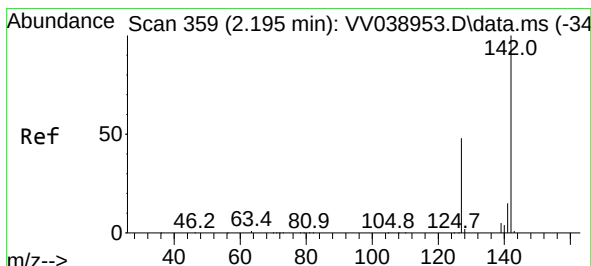
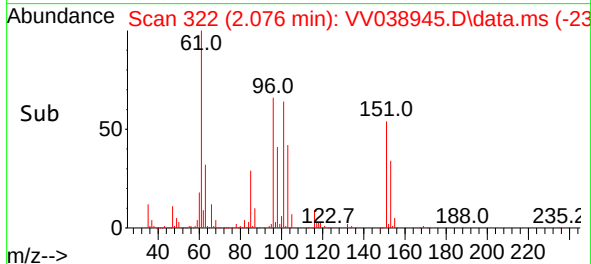
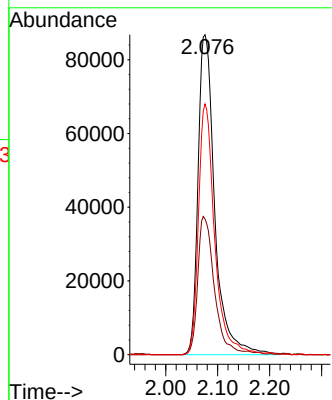
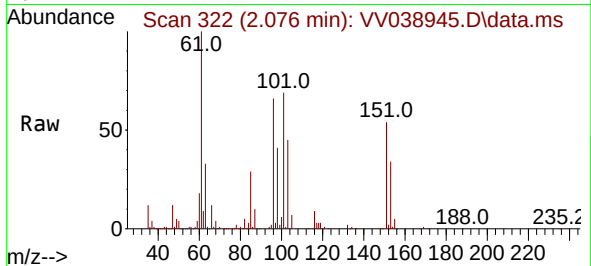




#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.665 ug/l
RT: 2.076 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

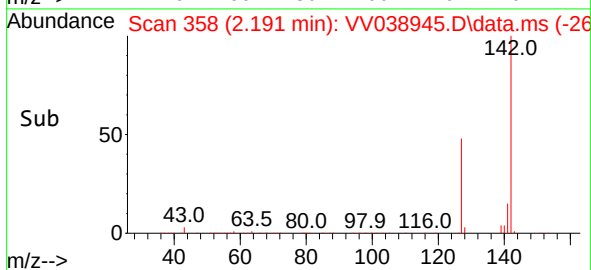
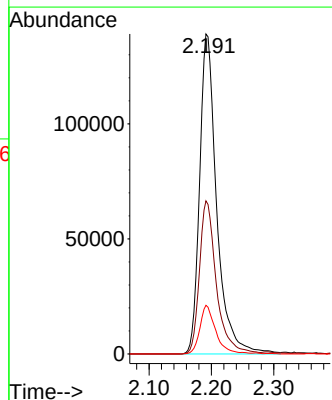
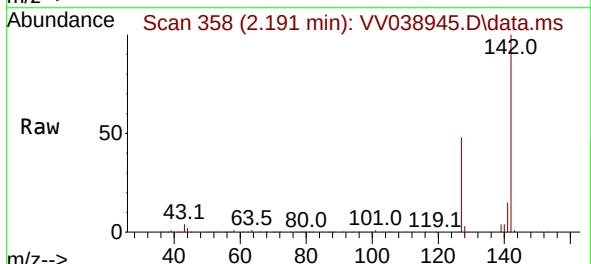
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

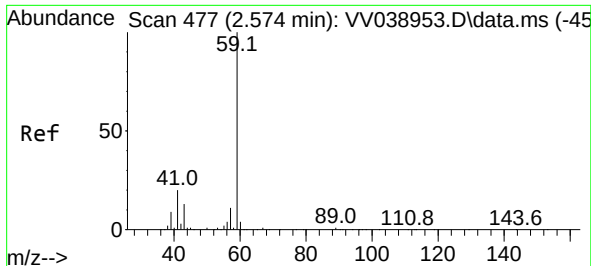
Tgt Ion:101 Resp: 194381
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 75.9 60.4 90.6



#10
Methyl Iodide
Concen: 30.894 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:142 Resp: 265350
Ion Ratio Lower Upper
142 100
127 47.2 37.7 56.5
141 14.1 11.4 17.2

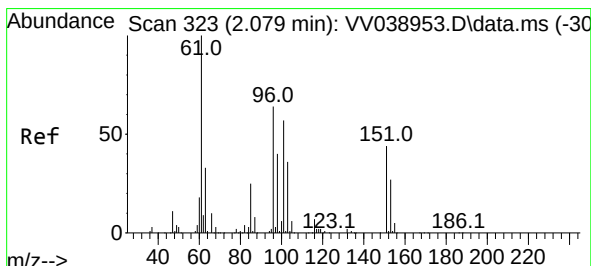
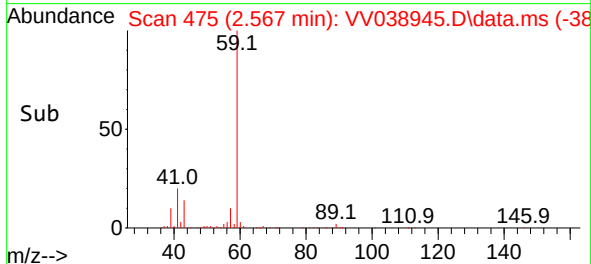
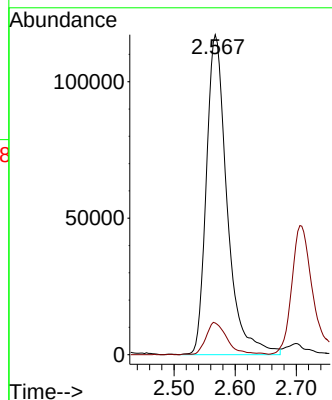
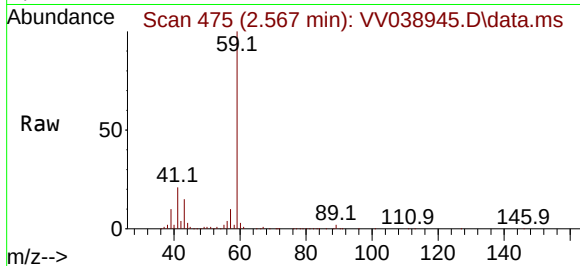




#11
Tert butyl alcohol
Concen: 180.384 ug/l
RT: 2.567 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

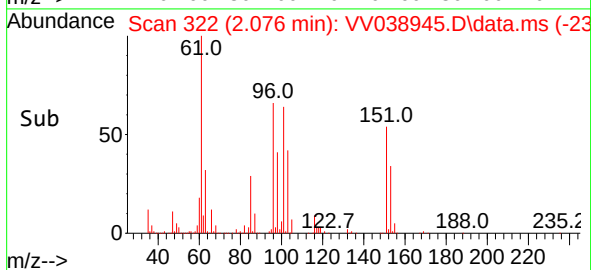
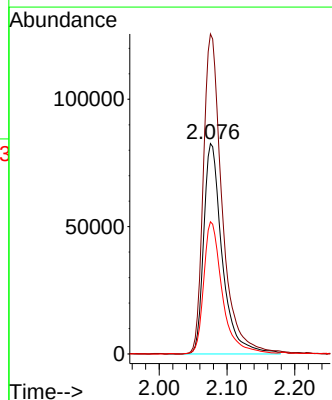
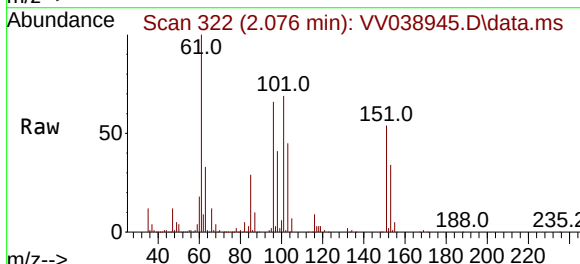
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

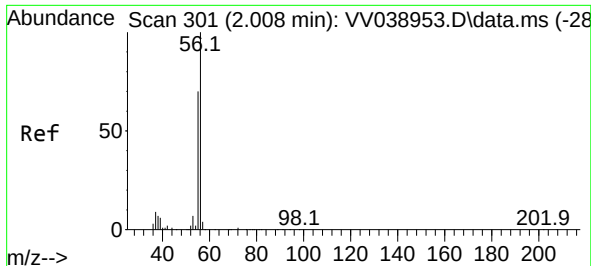
Tgt Ion: 59 Resp: 276607
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 25.008 ug/l
RT: 2.076 min Scan# 322
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 96 Resp: 157162
Ion Ratio Lower Upper
96 100
61 152.1 125.0 187.4
98 62.8 49.8 74.8

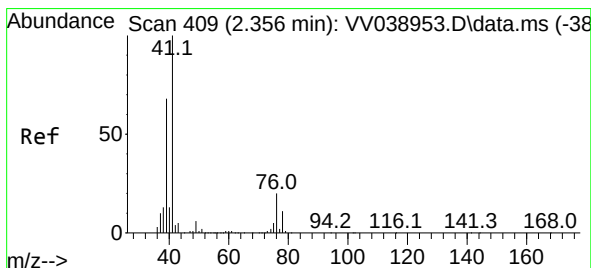
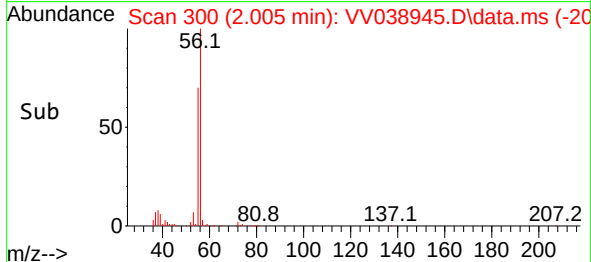
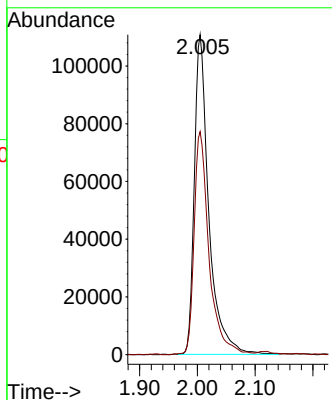
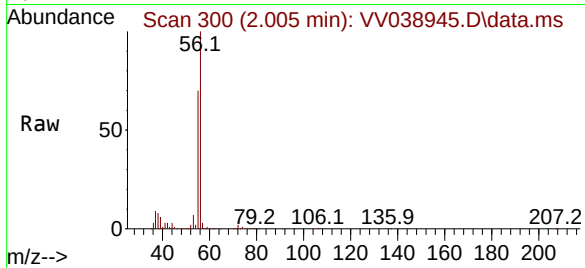




#13
Acrolein
Concen: 313.379 ug/l
RT: 2.005 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

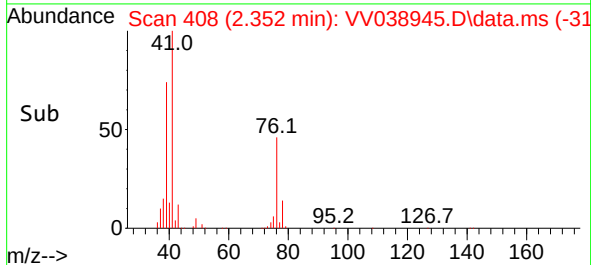
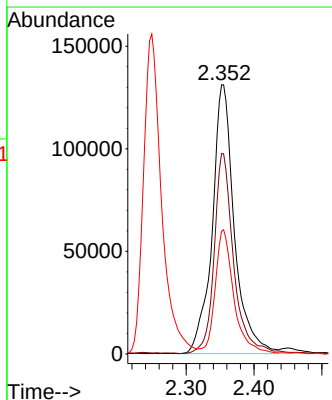
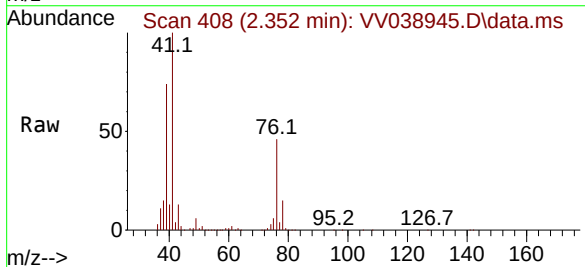
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

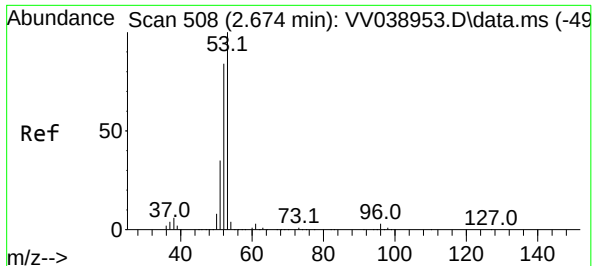
Tgt Ion: 56 Resp: 192517
Ion Ratio Lower Upper
56 100
55 72.1 55.5 83.3



#14
Allyl chloride
Concen: 27.371 ug/l
RT: 2.352 min Scan# 408
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 41 Resp: 297751
Ion Ratio Lower Upper
41 100
39 65.3 49.8 74.6
76 38.4 29.4 44.2

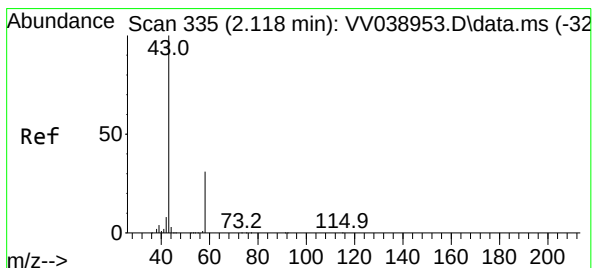
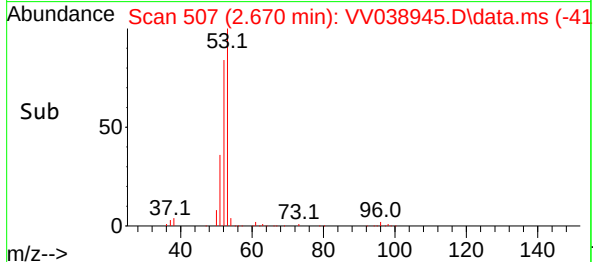
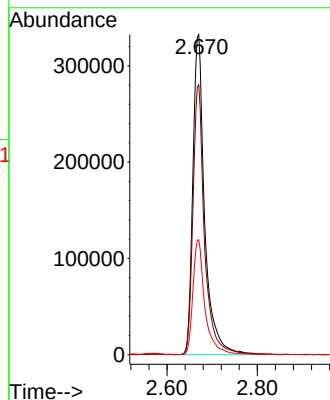
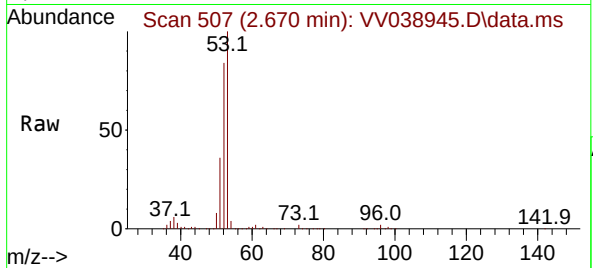




#15
Acrylonitrile
Concen: 140.351 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

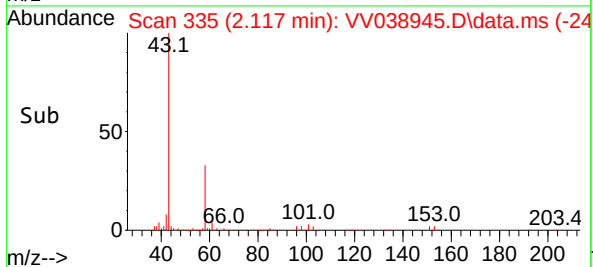
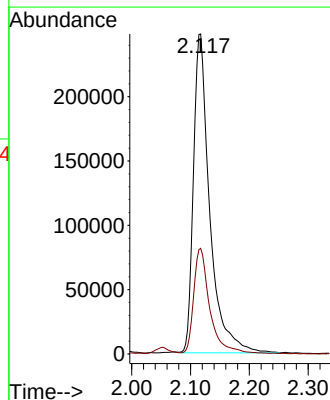
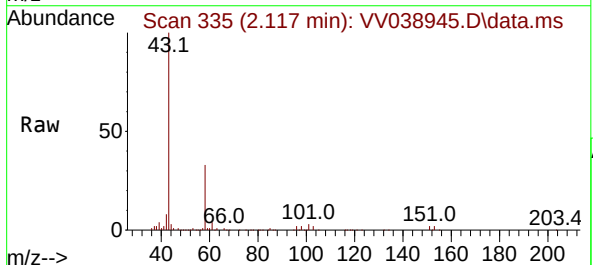
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

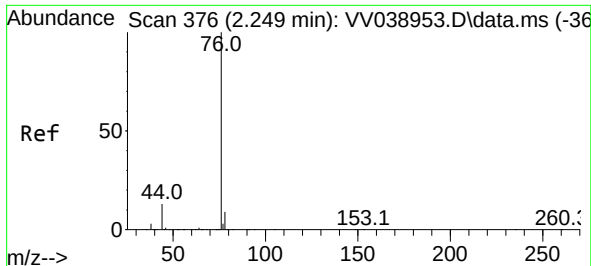
Tgt Ion: 53 Resp: 603920
Ion Ratio Lower Upper
53 100
52 82.6 66.6 99.8
51 36.3 28.5 42.7



#16
Acetone
Concen: 149.759 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 43 Resp: 476146
Ion Ratio Lower Upper
43 100
58 33.0 25.3 37.9

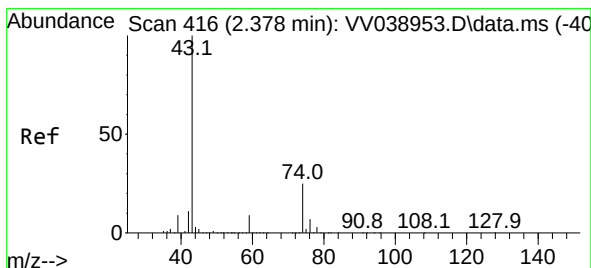
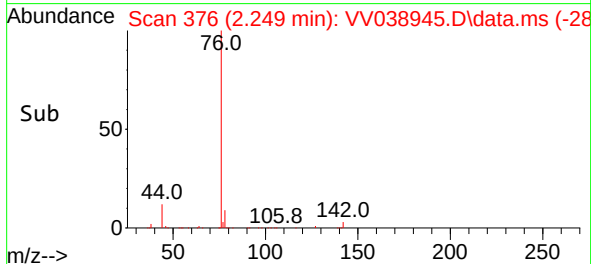
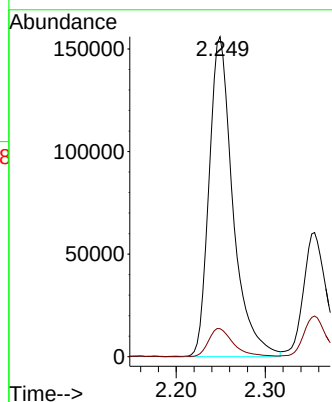
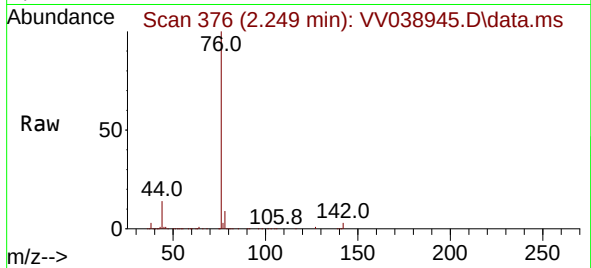




#17
Carbon Disulfide
Concen: 14.774 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

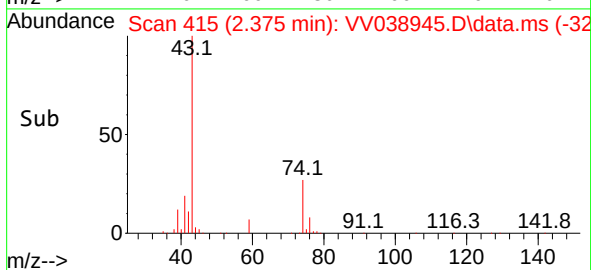
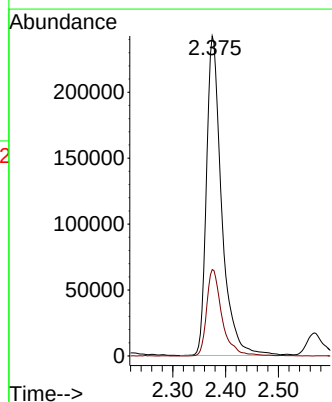
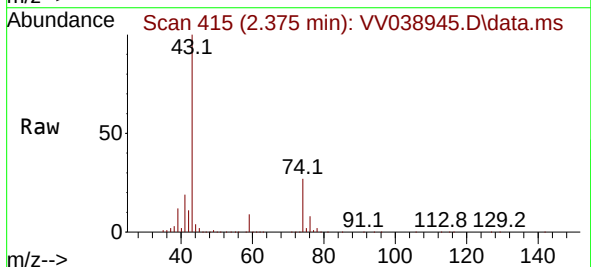
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

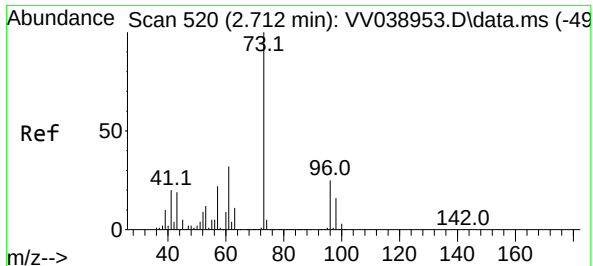
Tgt Ion: 76 Resp: 290057
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 58.606 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 43 Resp: 483664
Ion Ratio Lower Upper
43 100
74 27.4 20.3 30.5

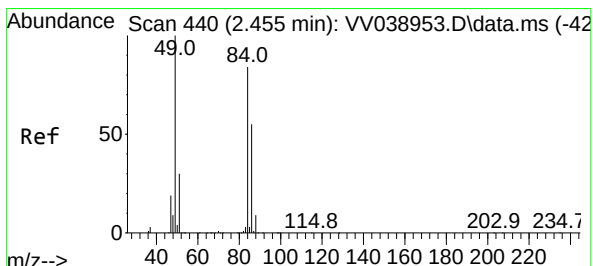
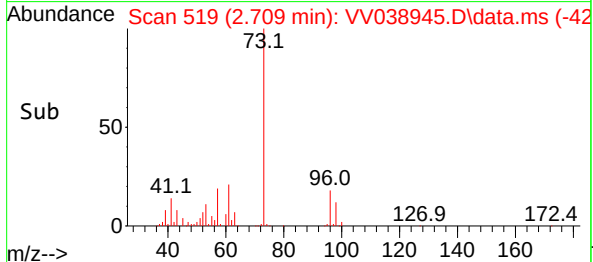
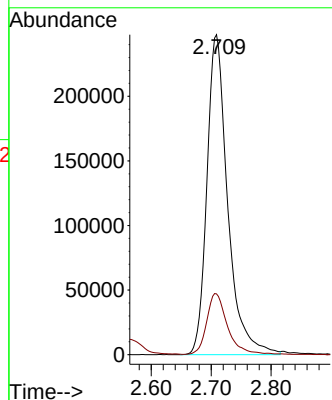
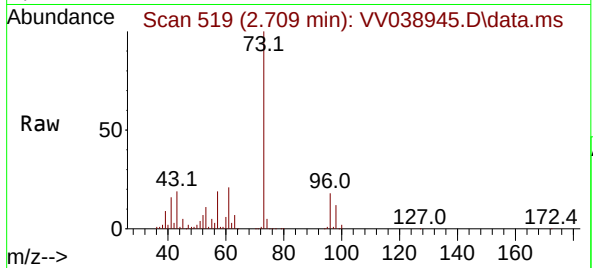




#19
Methyl tert-butyl Ether
Concen: 26.199 ug/l
RT: 2.709 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

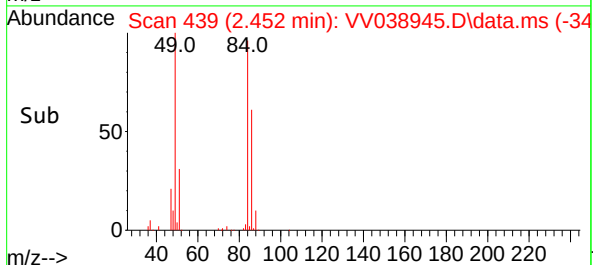
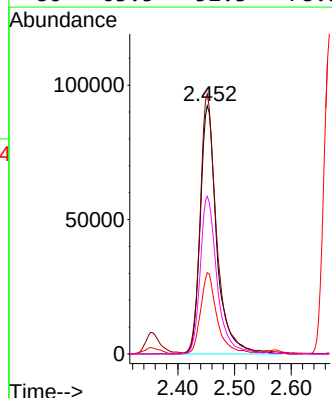
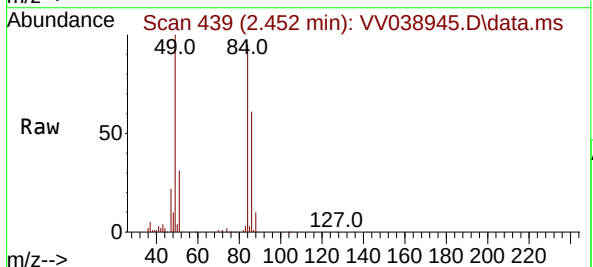
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

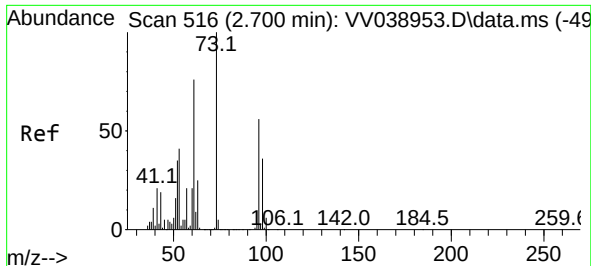
Tgt Ion: 73 Resp: 597143
Ion Ratio Lower Upper
73 100
57 18.8 18.0 27.0



#20
Methylene Chloride
Concen: 25.351 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 84 Resp: 186624
Ion Ratio Lower Upper
84 100
49 104.2 95.8 143.6
51 32.5 29.0 43.4
86 63.5 52.3 78.5

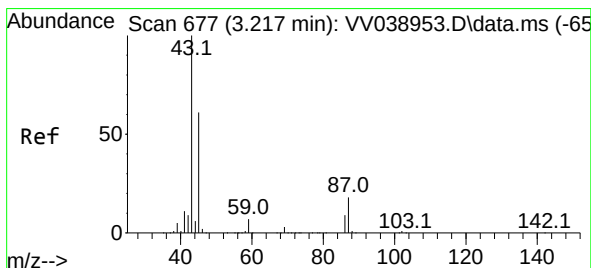
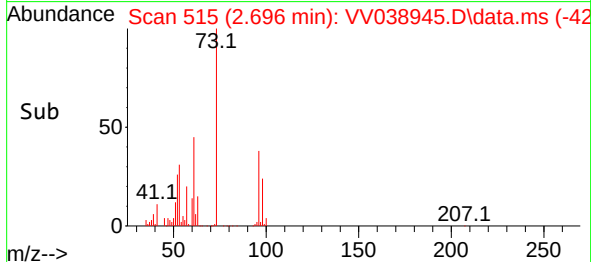
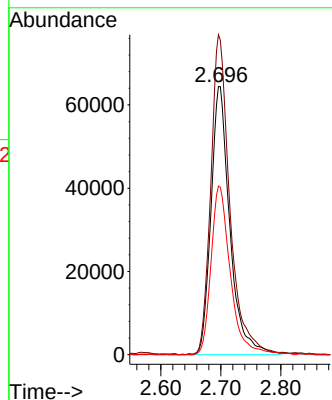
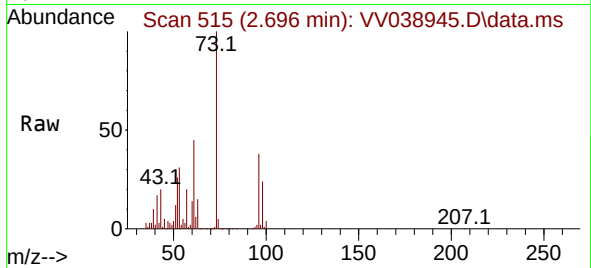




#21
trans-1,2-Dichloroethene
Concen: 18.324 ug/l
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

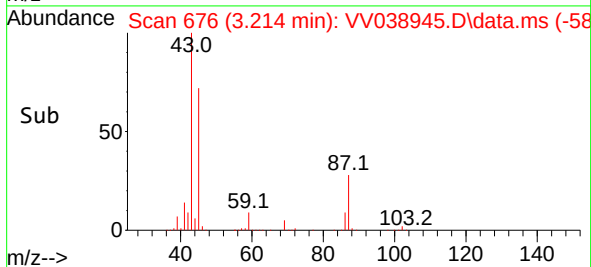
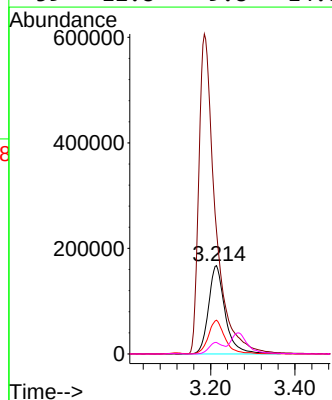
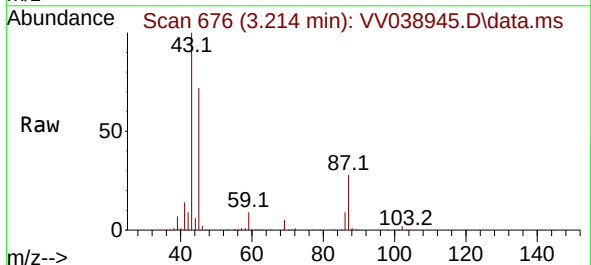
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

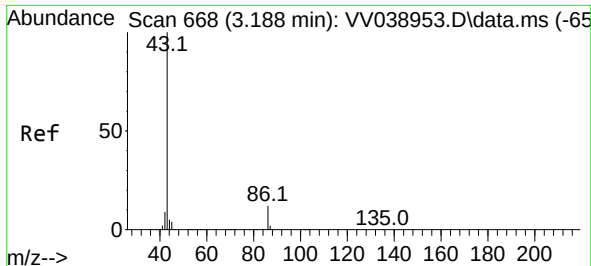
Tgt Ion: 96 Resp: 141165
Ion Ratio Lower Upper
96 100
61 119.3 108.2 162.4
98 62.9 51.7 77.5



#22
Diisopropyl ether
Concen: 22.126 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 45 Resp: 458023
Ion Ratio Lower Upper
45 100
43 139.3 132.2 198.2
87 38.2 24.1 36.1#
59 12.8 9.8 14.8

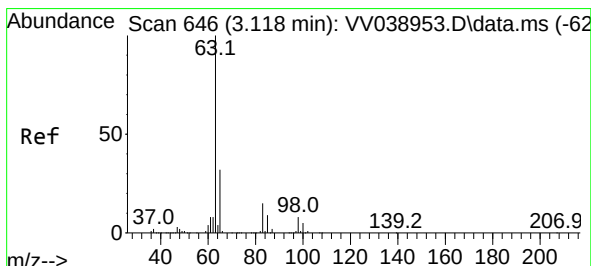
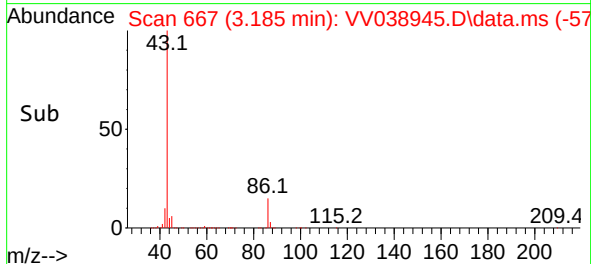
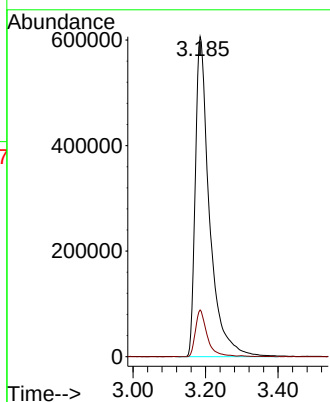
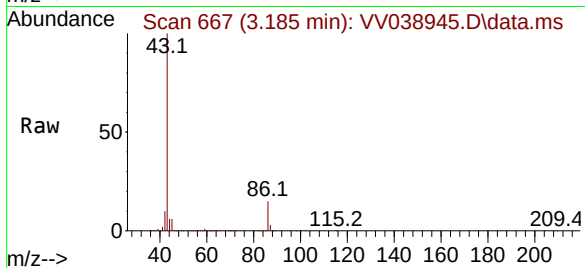




#23
 Vinyl Acetate
 Concen: 94.675 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV038945.D
 Acq: 13 Aug 2025 11:39

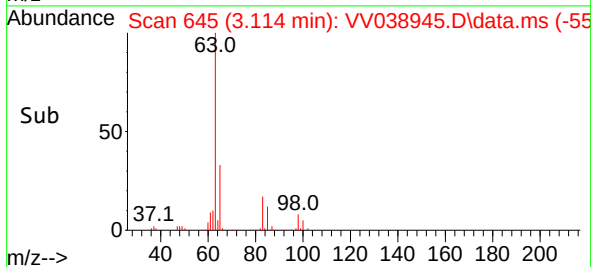
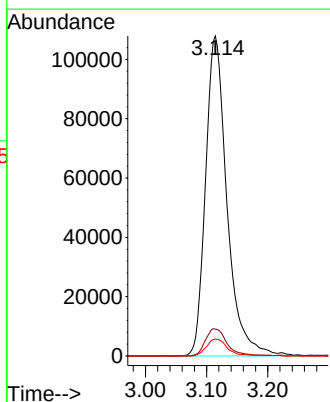
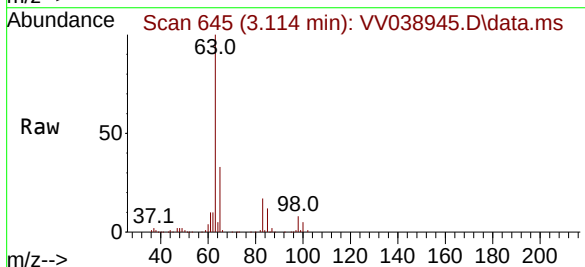
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

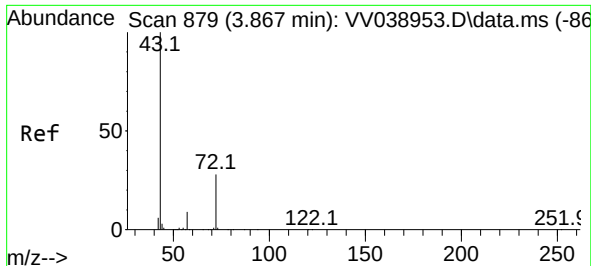
Tgt Ion: 43 Resp: 1646065
 Ion Ratio Lower Upper
 43 100
 86 14.6 9.3 13.9#



#24
 1,1-Dichloroethane
 Concen: 20.258 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038945.D
 Acq: 13 Aug 2025 11:39

Tgt Ion: 63 Resp: 262414
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.8 11.4
 100 5.2 2.6 7.8

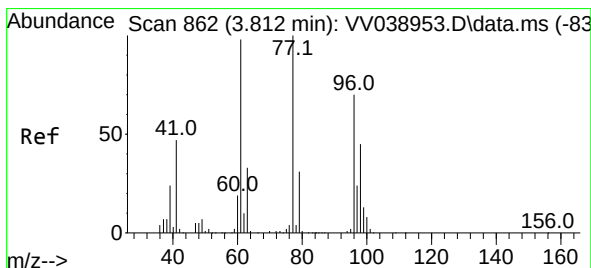
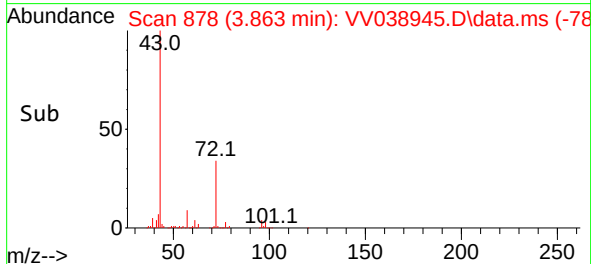
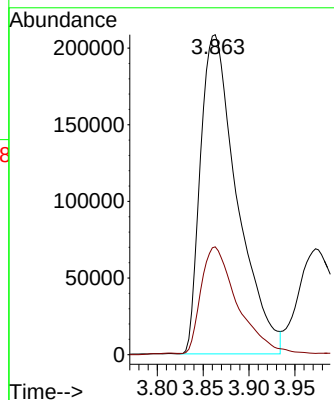
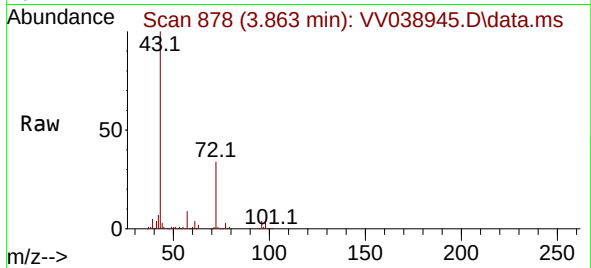




#25
2-Butanone
Concen: 121.920 ug/l
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

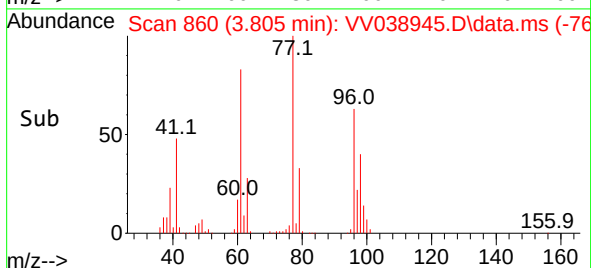
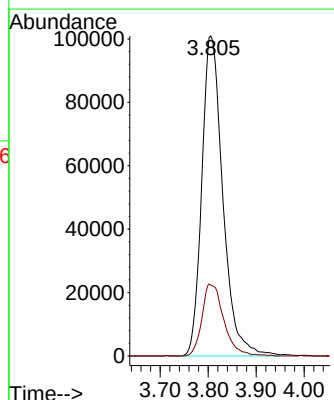
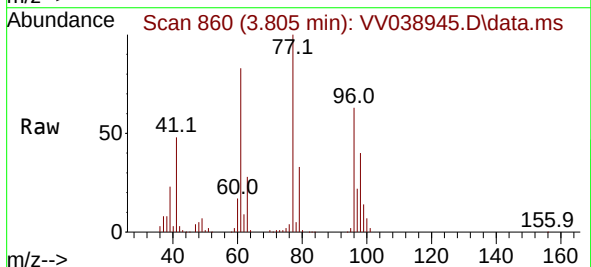
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

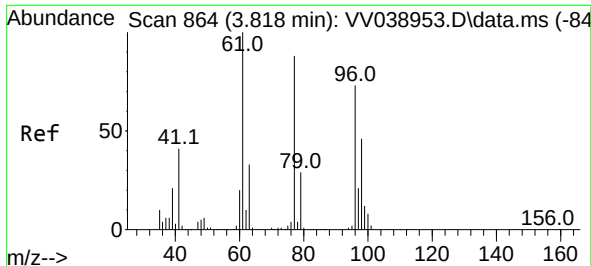
Tgt Ion: 43 Resp: 579025
Ion Ratio Lower Upper
43 100
72 33.4 22.5 33.7



#26
2,2-Dichloropropane
Concen: 27.112 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.007 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 77 Resp: 308082
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1



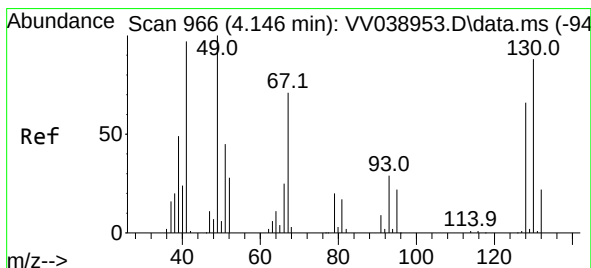
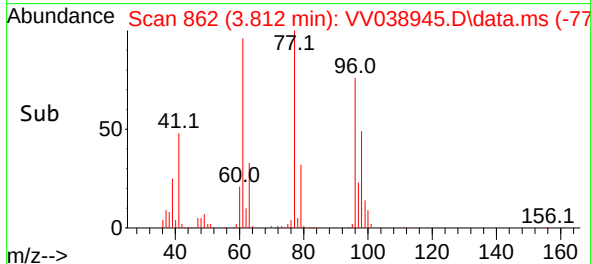
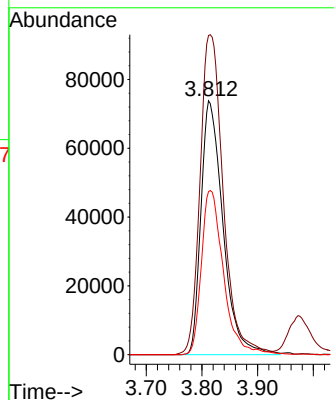
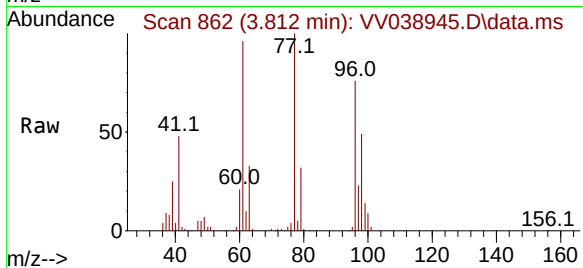


#27
 cis-1,2-Dichloroethene
 Concen: 25.515 ug/l
 RT: 3.812 min Scan# 862
 Delta R.T. -0.007 min
 Lab File: VV038945.D
 Acq: 13 Aug 2025 11:39

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 202760

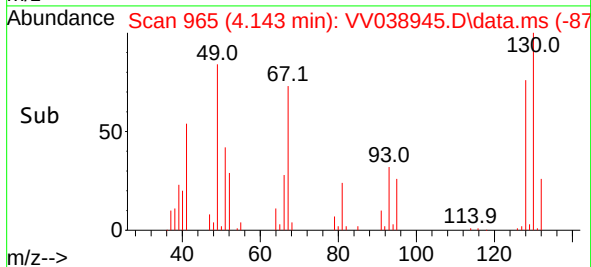
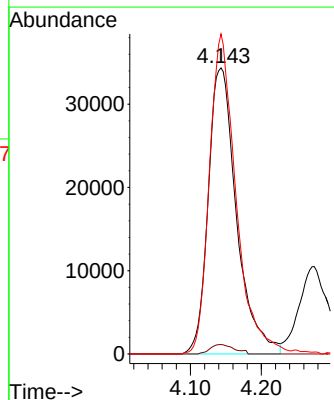
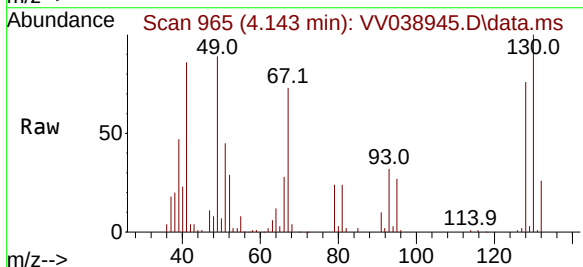
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	280.2
98	63.6	0.0	129.2

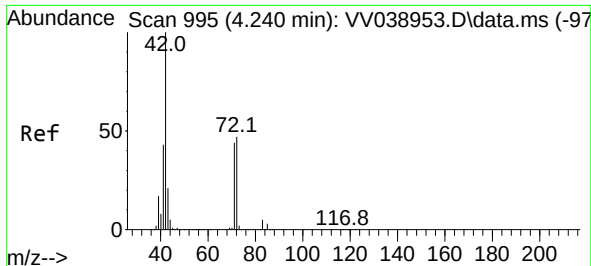


#28
 Bromochloromethane
 Concen: 26.954 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV038945.D
 Acq: 13 Aug 2025 11:39

Tgt Ion: 49 Resp: 95451

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	105.0	68.2	102.2





#29

Tetrahydrofuran

Concen: 127.545 ug/l

RT: 4.233 min Scan# 995

Delta R.T. -0.007 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

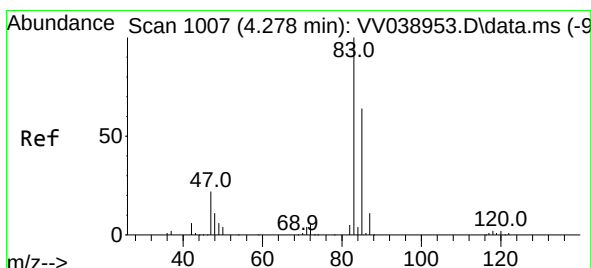
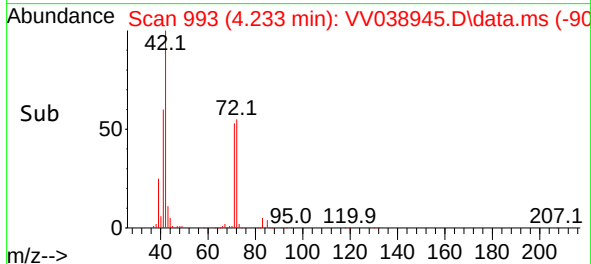
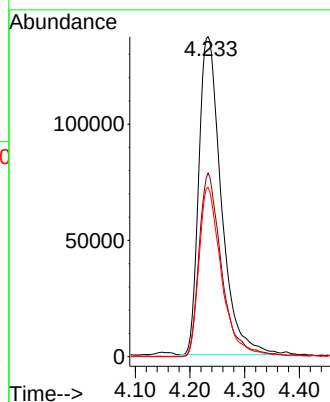
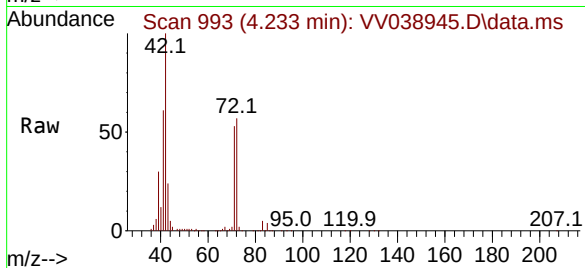
Tgt Ion: 42 Resp: 390111

Ion Ratio Lower Upper

42 100

72 57.5 39.4 59.2

71 53.2 36.8 55.2



#30

Chloroform

Concen: 29.594 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038945.D

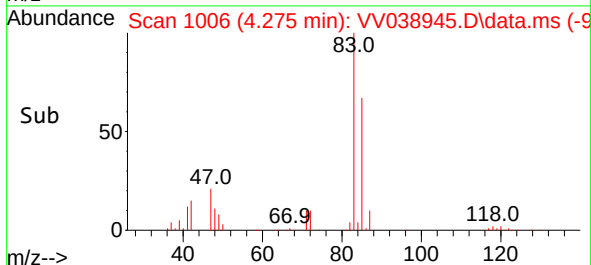
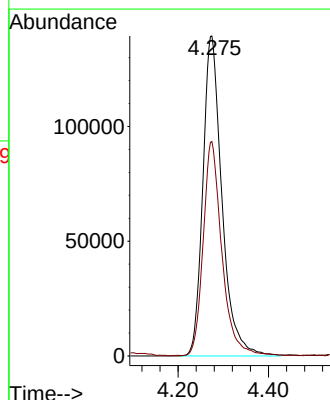
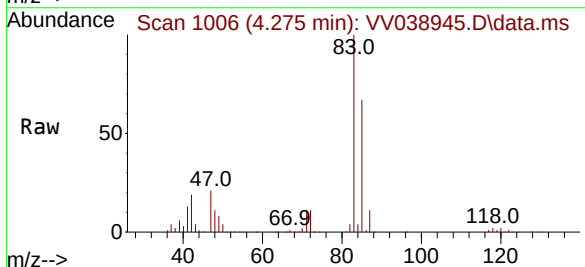
Acq: 13 Aug 2025 11:39

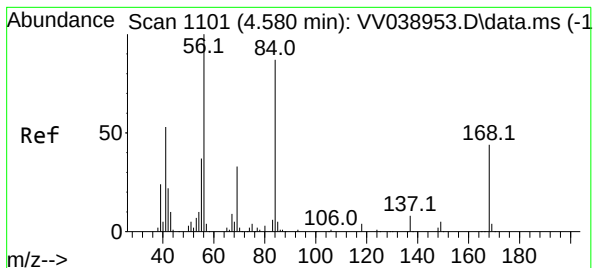
Tgt Ion: 83 Resp: 409682

Ion Ratio Lower Upper

83 100

85 66.9 51.4 77.0





#31

Cyclohexane

Concen: 26.707 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

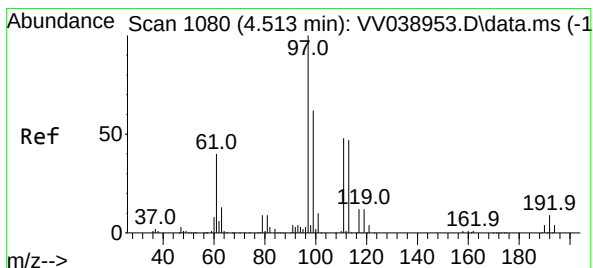
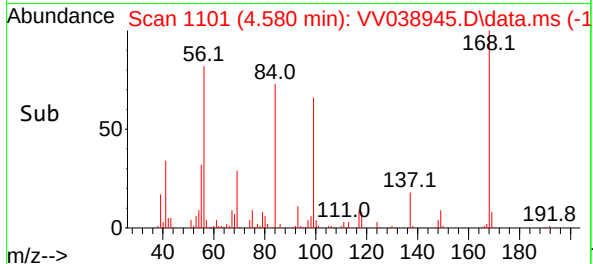
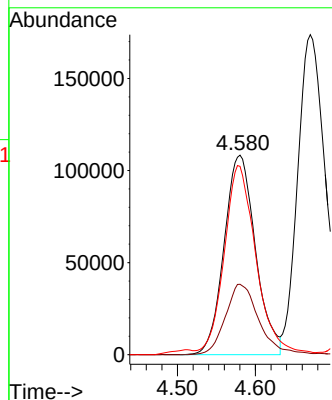
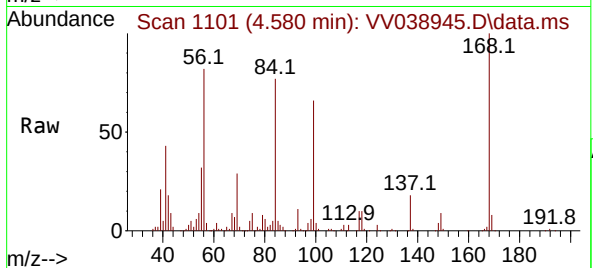
Tgt Ion: 56 Resp: 303527

Ion Ratio Lower Upper

56 100

69 35.3 26.2 39.4

84 92.4 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 33.608 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

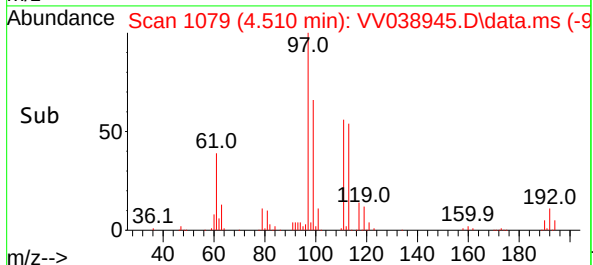
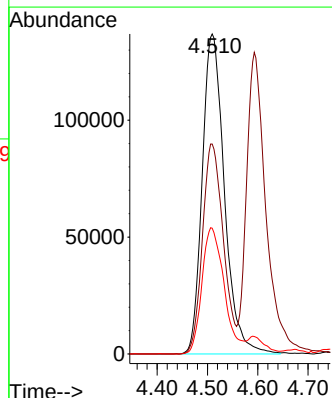
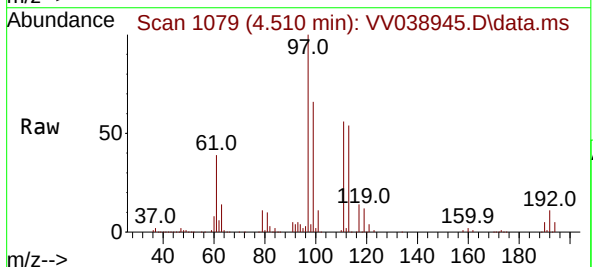
Tgt Ion: 97 Resp: 419404

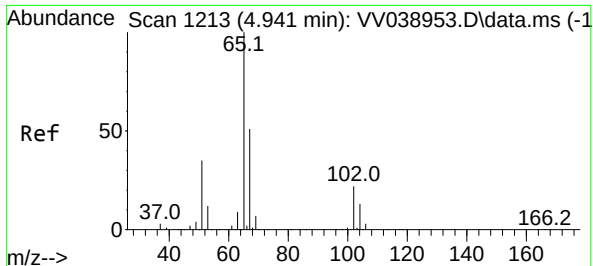
Ion Ratio Lower Upper

97 100

99 61.7 49.2 73.8

61 39.6 32.0 48.0





#33

1,2-Dichloroethane-d4

Concen: 50.251 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

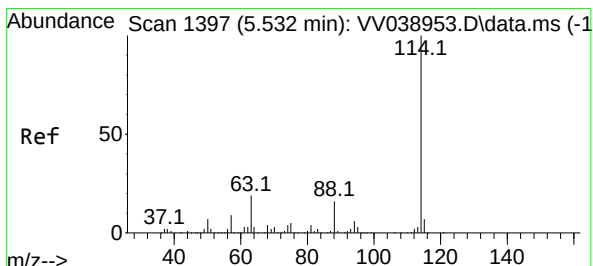
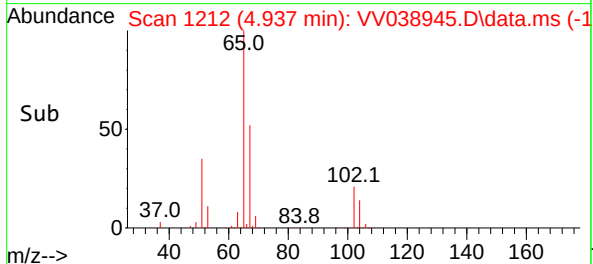
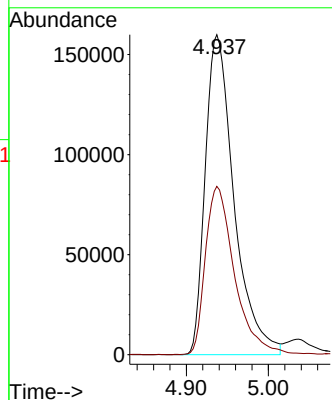
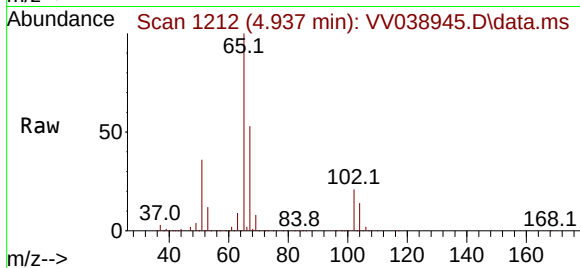
VSTDCCC050

Tgt Ion: 65 Resp: 390315

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

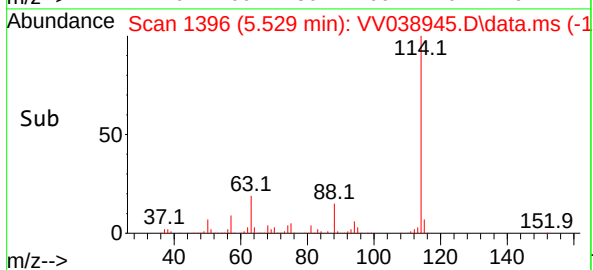
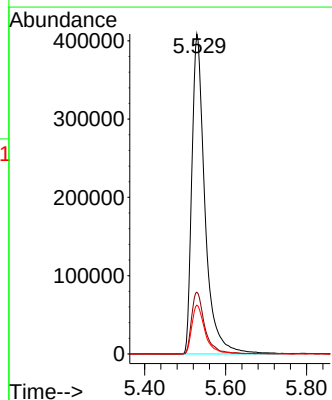
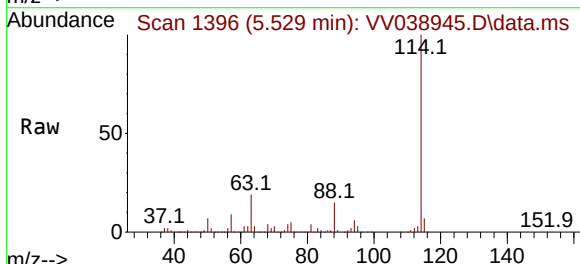
Tgt Ion: 114 Resp: 919065

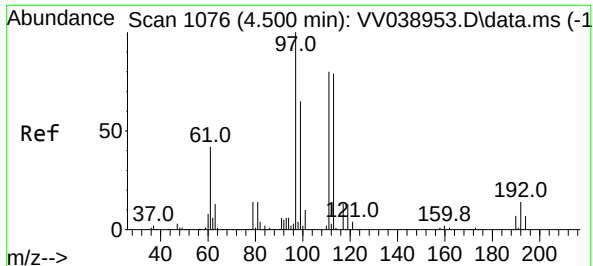
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 15.2 0.0 31.4

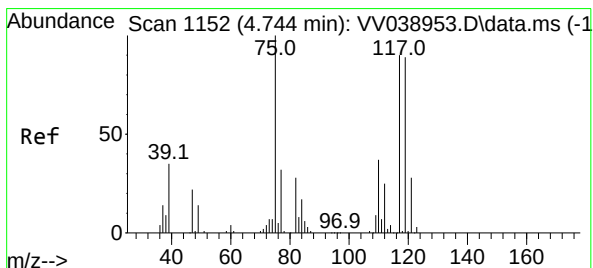
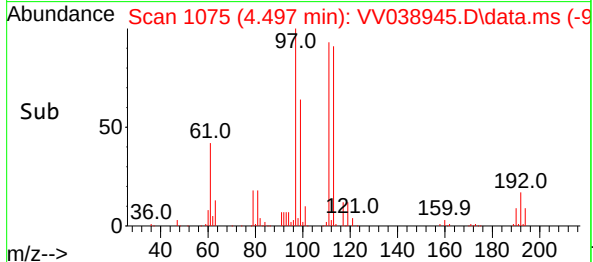
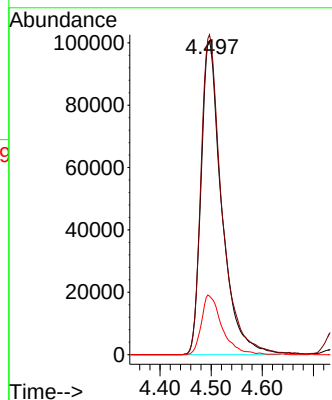
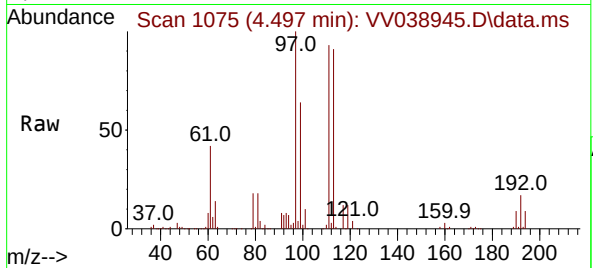




#35
 Dibromofluoromethane
 Concen: 43.531 ug/l
 RT: 4.497 min Scan# 1075
 Delta R.T. -0.003 min
 Lab File: VV038945.D
 Acq: 13 Aug 2025 11:39

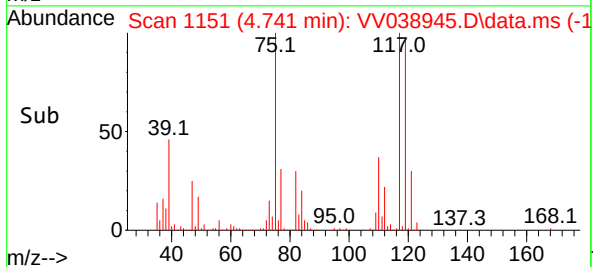
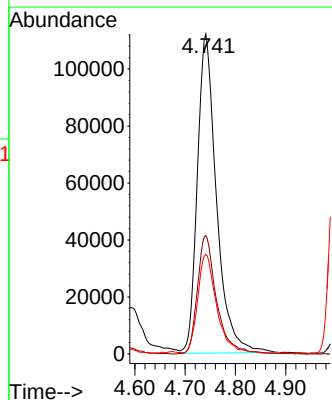
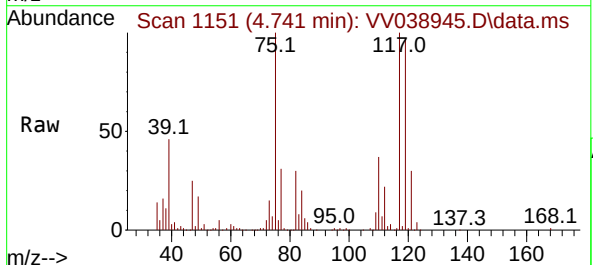
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

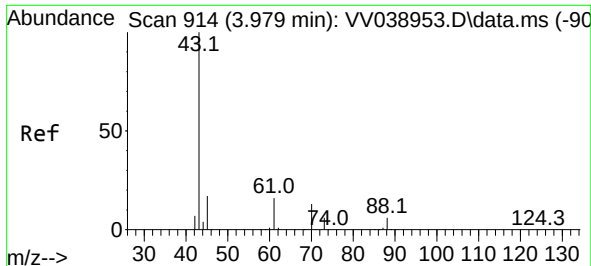
Tgt Ion:113 Resp: 281843
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 18.8 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 34.802 ug/l
 RT: 4.741 min Scan# 1151
 Delta R.T. -0.003 min
 Lab File: VV038945.D
 Acq: 13 Aug 2025 11:39

Tgt Ion: 75 Resp: 296340
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.3 54.8
 77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 20.680 ug/l

RT: 3.973 min Scan# 914

Delta R.T. -0.007 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

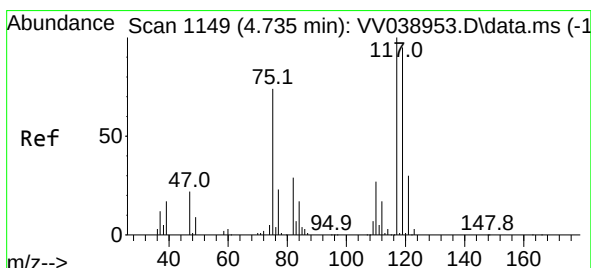
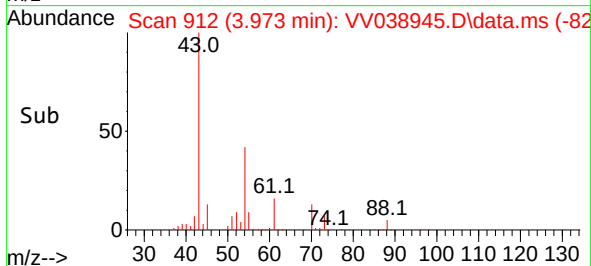
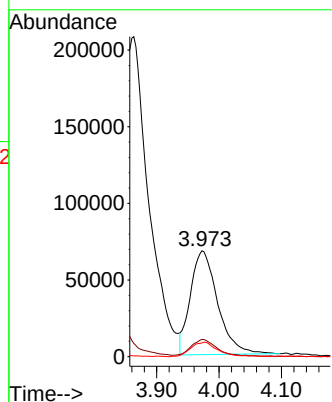
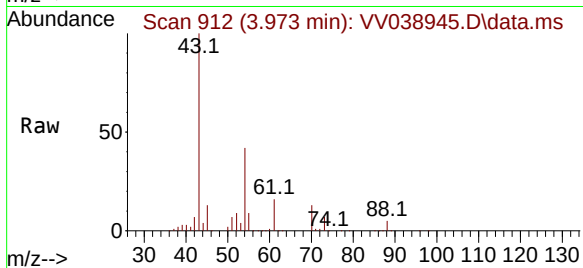
Tgt Ion: 43 Resp: 206395

Ion Ratio Lower Upper

43 100

61 14.2 11.1 16.7

70 13.9 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 37.627 ug/l

RT: 4.728 min Scan# 1147

Delta R.T. -0.007 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

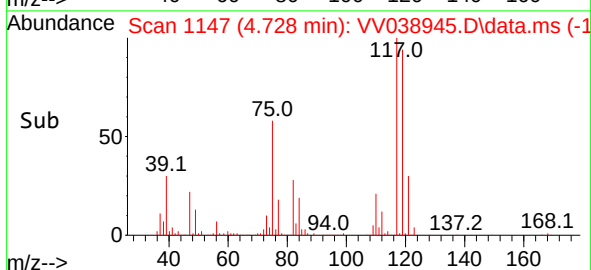
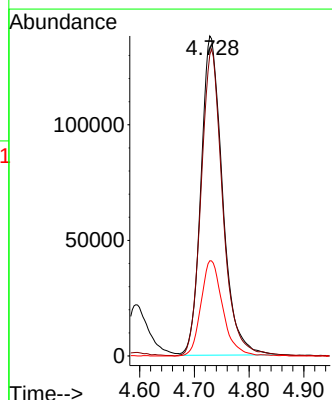
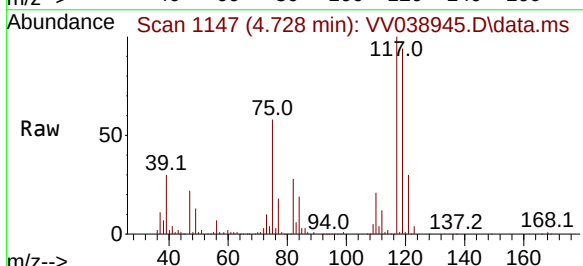
Tgt Ion: 117 Resp: 377727

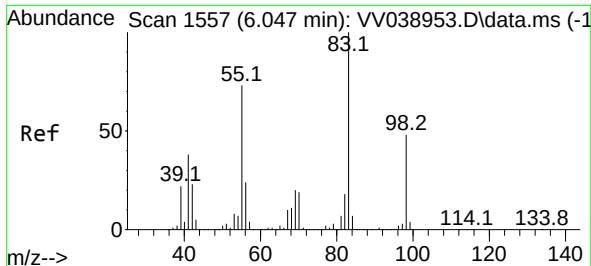
Ion Ratio Lower Upper

117 100

119 94.1 75.4 113.0

121 29.7 23.8 35.8

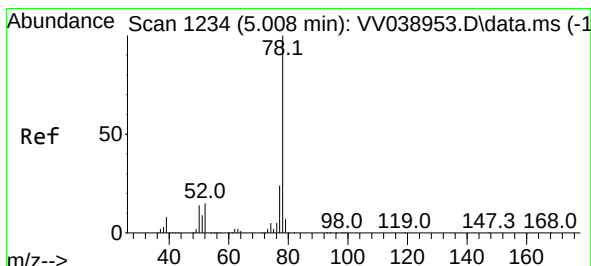
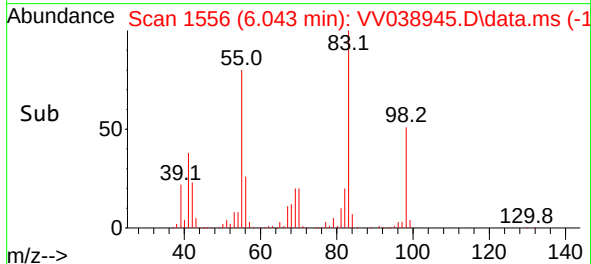
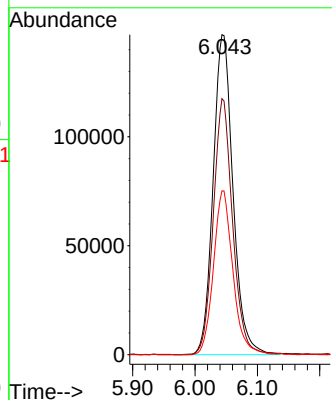
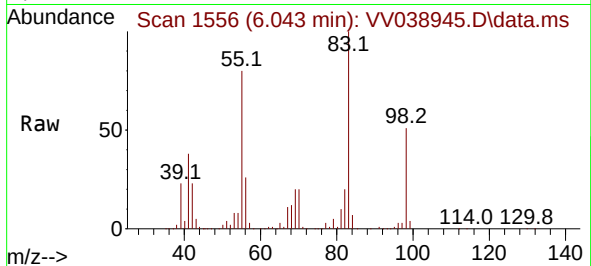




#39
Methylcyclohexane
Concen: 29.141 ug/l
RT: 6.043 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

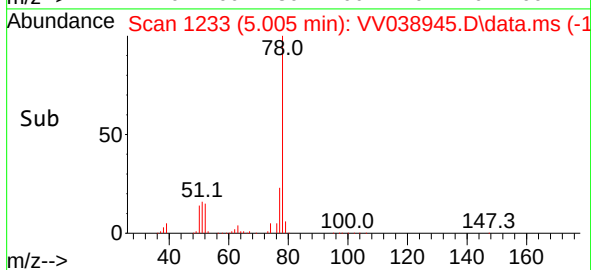
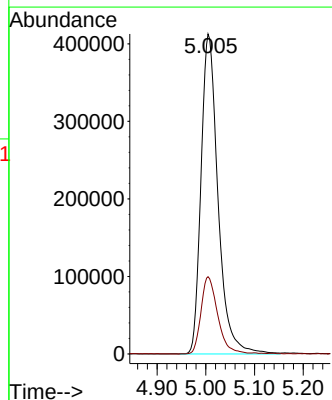
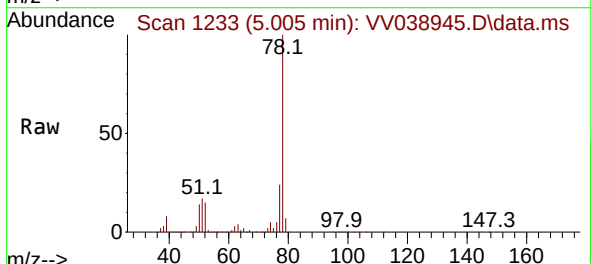
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

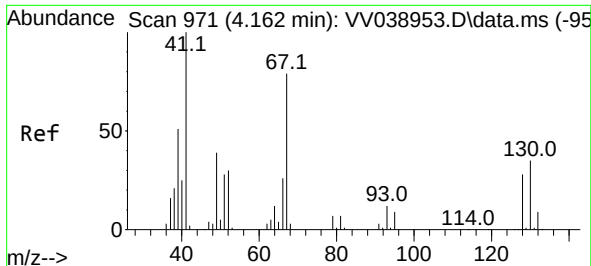
Tgt Ion: 83 Resp: 326058
Ion Ratio Lower Upper
83 100
55 80.0 58.4 87.6
98 51.2 38.6 57.8



#40
Benzene
Concen: 35.761 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 78 Resp: 998113
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



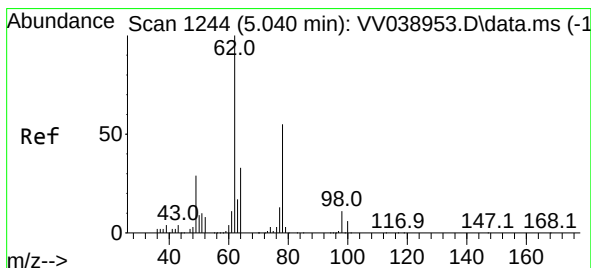
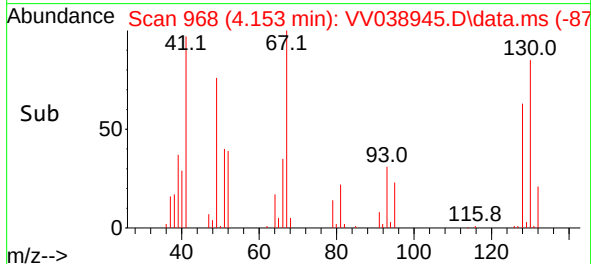
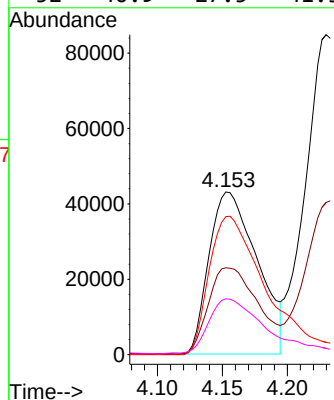
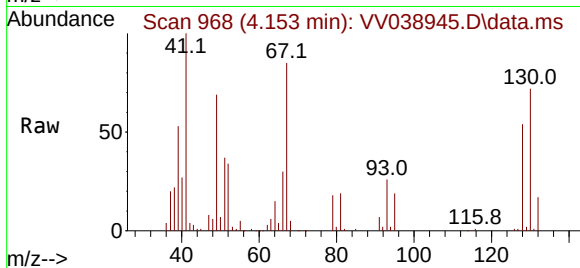


#41
Methacrylonitrile
Concen: 28.788 ug/l
RT: 4.153 min Scan# 91
Delta R.T. -0.010 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 110823

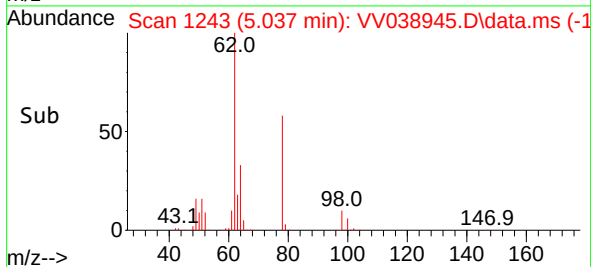
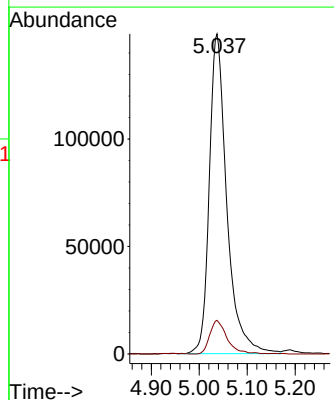
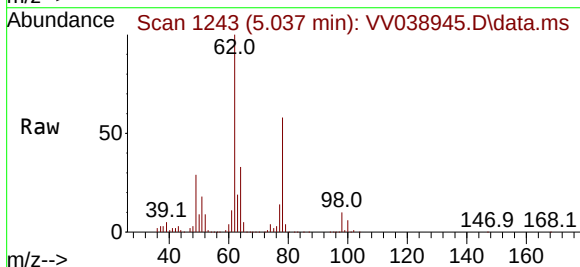
Ion	Ratio	Lower	Upper
41	100		
39	55.2	41.4	62.2
67	103.3	72.0	108.0
52	40.9	27.5	41.3

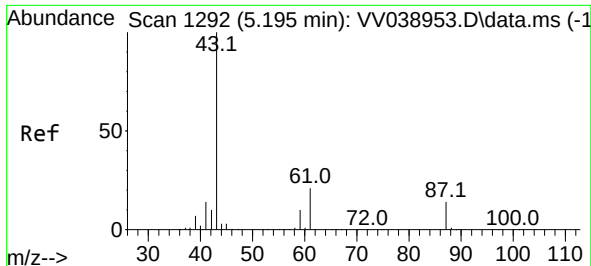


#42
1,2-Dichloroethane
Concen: 39.248 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 62 Resp: 377242

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8

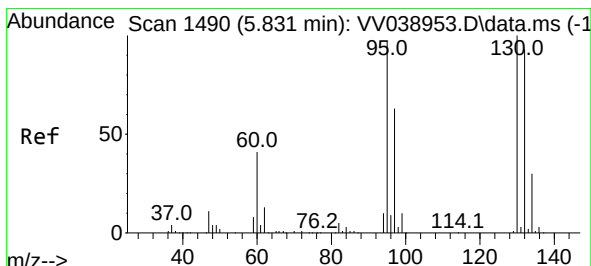
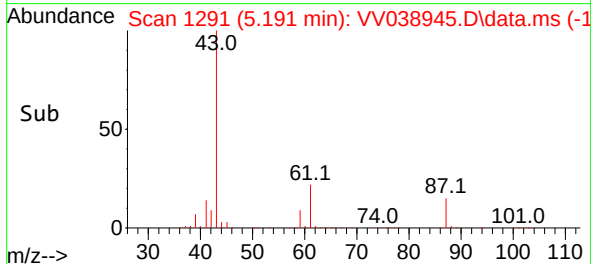
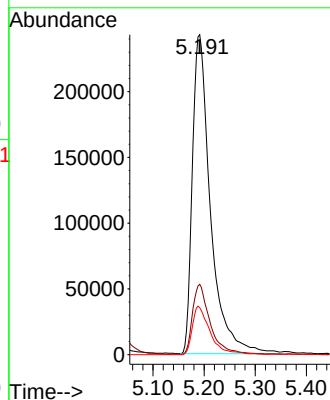
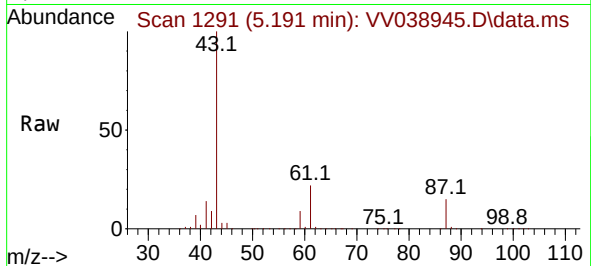




#43
Isopropyl Acetate
Concen: 42.872 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

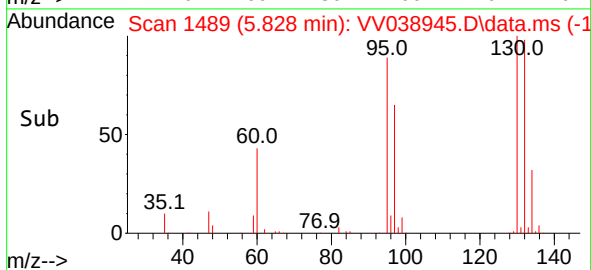
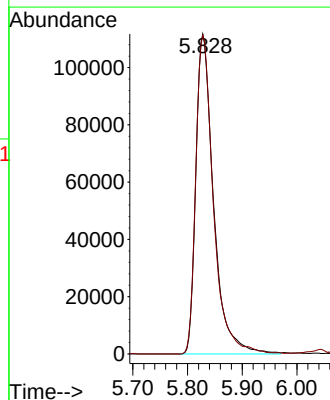
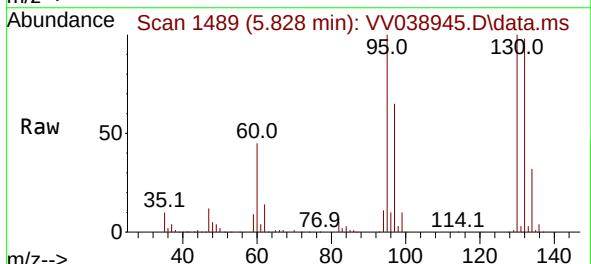
Instrument : MSVOA_V
ClientSampleId : VSTDCCC050

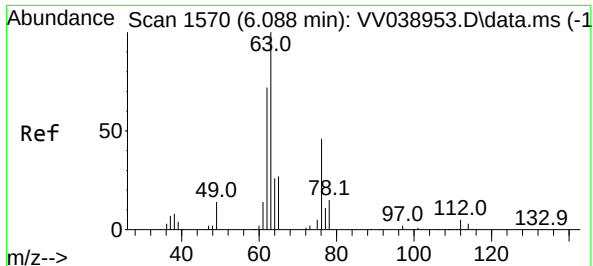
Tgt Ion: 43 Resp: 598886
Ion Ratio Lower Upper
43 100
61 21.1 17.0 25.6
87 15.0 11.3 16.9



#44
Trichloroethene
Concen: 34.696 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:130 Resp: 250667
Ion Ratio Lower Upper
130 100
95 99.6 0.0 193.4





#45

1,2-Dichloropropane

Concen: 42.711 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

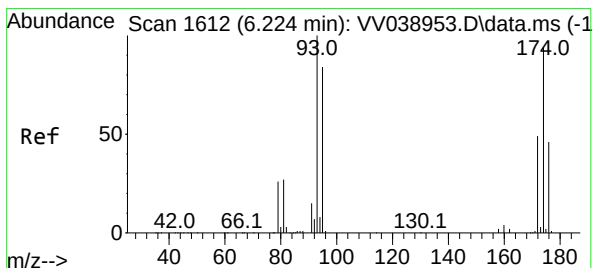
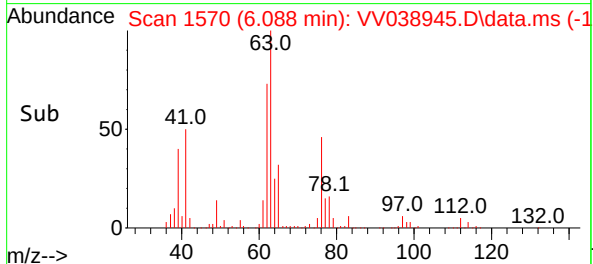
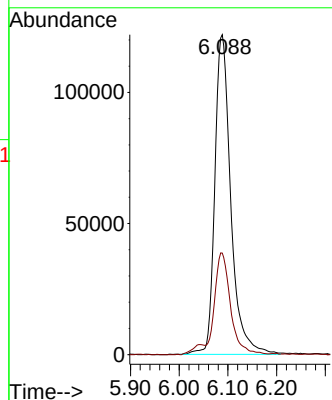
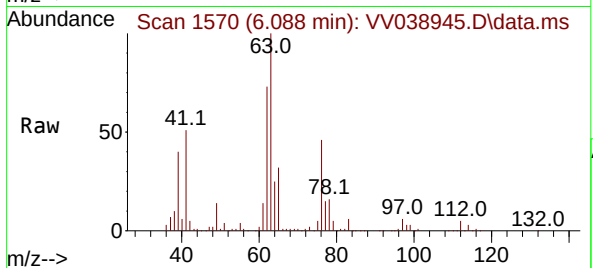
VSTDCCC050

Tgt Ion: 63 Resp: 277862

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.8



#46

Dibromomethane

Concen: 39.456 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

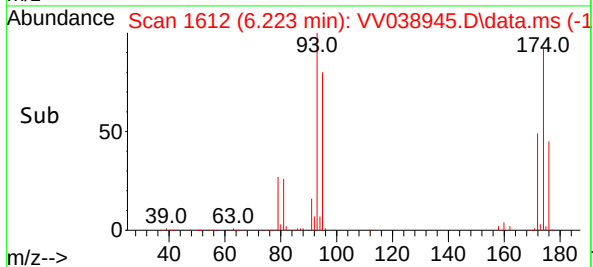
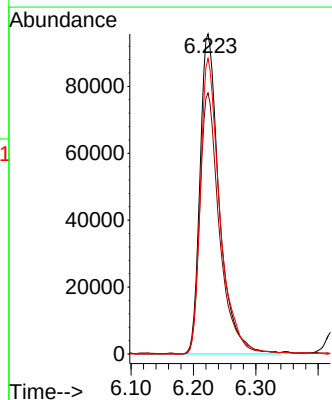
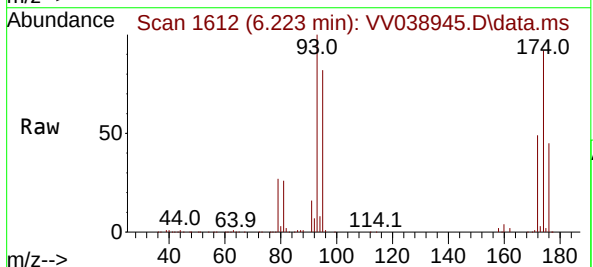
Tgt Ion: 93 Resp: 205705

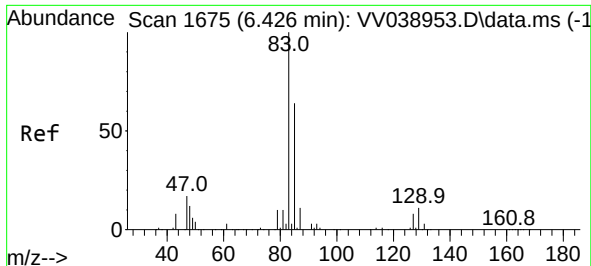
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 93.5 75.5 113.3

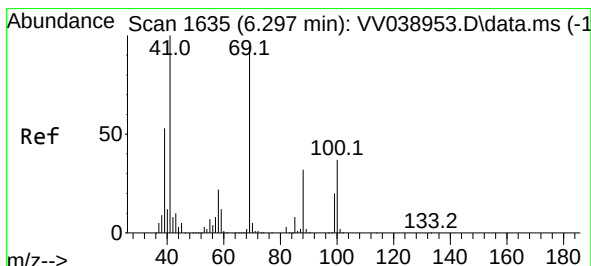
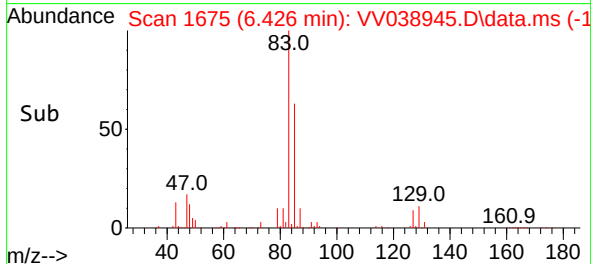
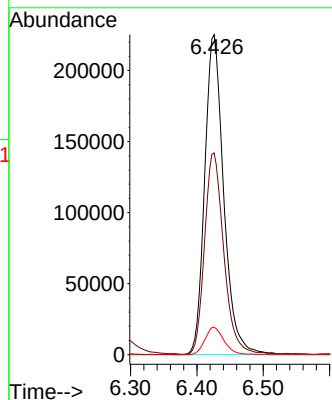
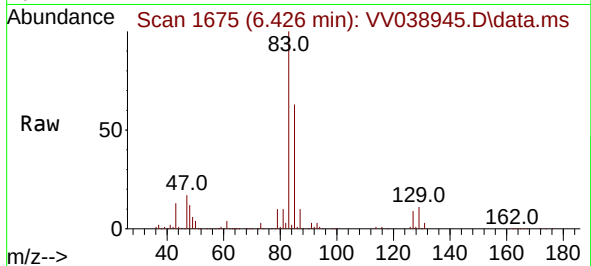




#47
Bromodichloromethane
Concen: 42.857 ug/l
RT: 6.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

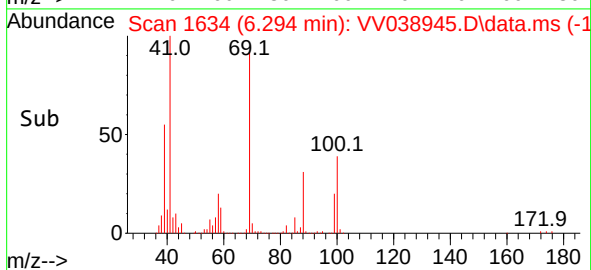
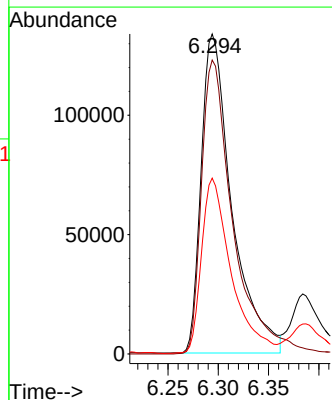
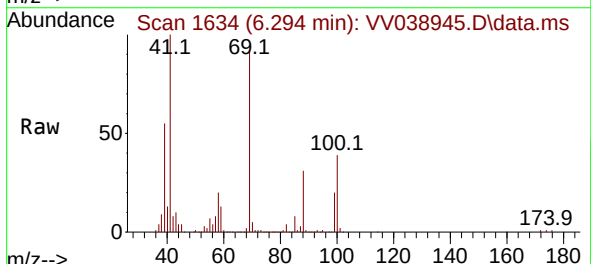
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

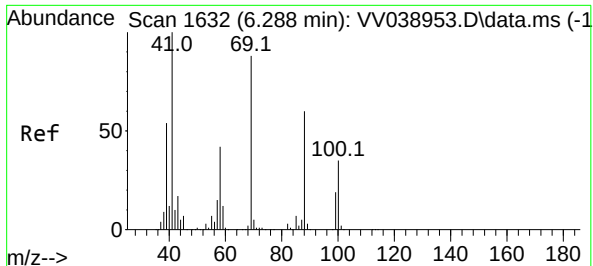
Tgt Ion: 83 Resp: 449119
Ion Ratio Lower Upper
83 100
85 62.9 51.0 76.6
127 8.6 6.7 10.1



#48
Methyl methacrylate
Concen: 43.740 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 41 Resp: 284490
Ion Ratio Lower Upper
41 100
69 95.2 75.8 113.8
39 53.0 43.0 64.4





#49

1,4-Dioxane

Concen: 824.519 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

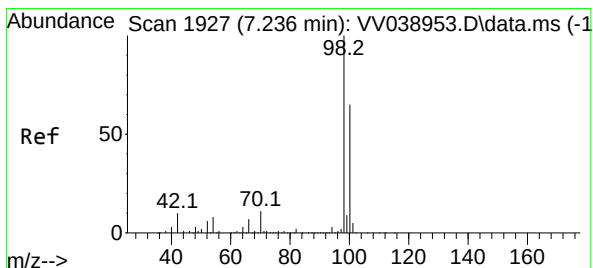
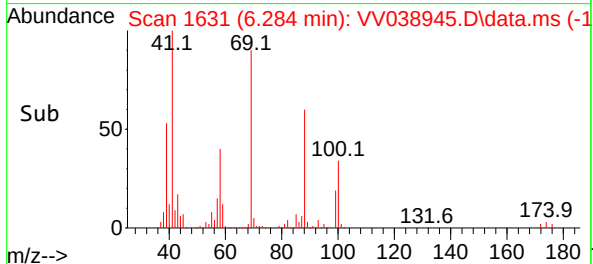
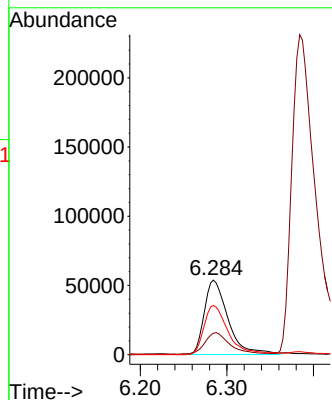
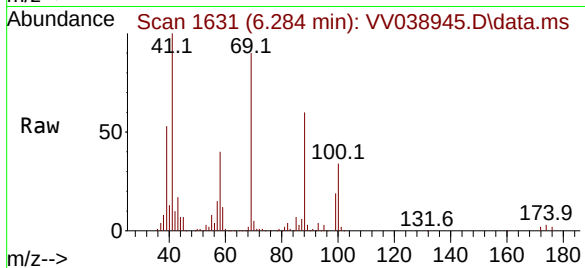
Tgt Ion: 88 Resp: 102087

Ion Ratio Lower Upper

88 100

43 30.7 23.9 35.9

58 68.4 54.1 81.1



#50

Toluene-d8

Concen: 51.265 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038945.D

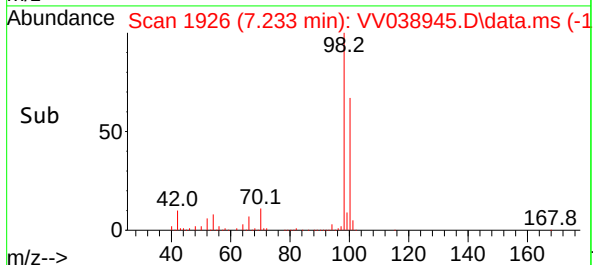
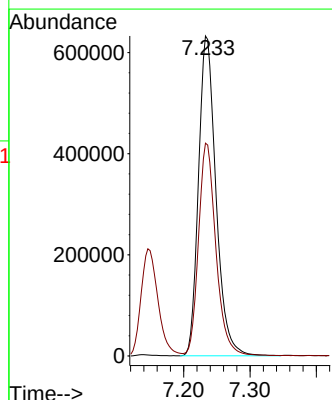
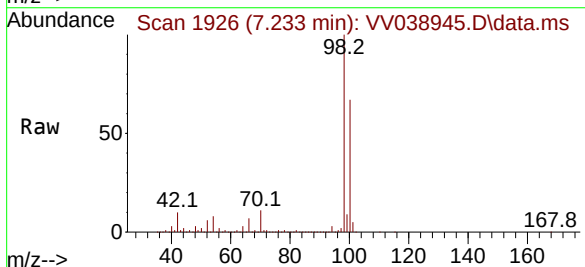
Acq: 13 Aug 2025 11:39

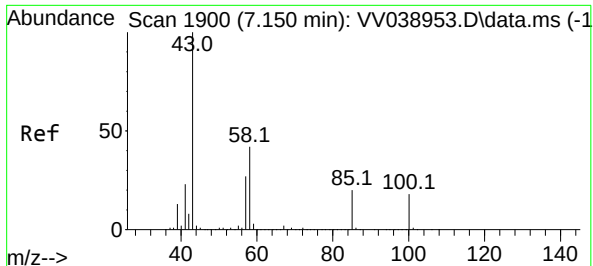
Tgt Ion: 98 Resp: 1156282

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6

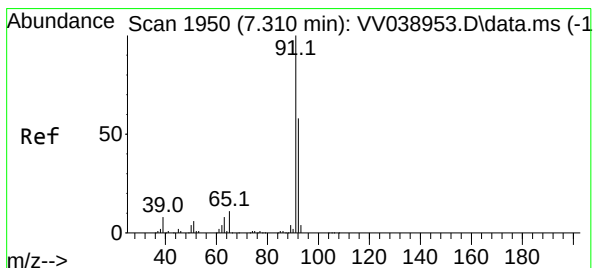
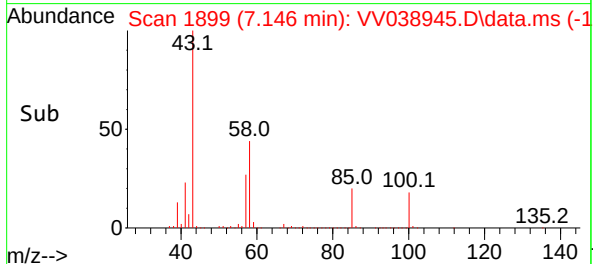
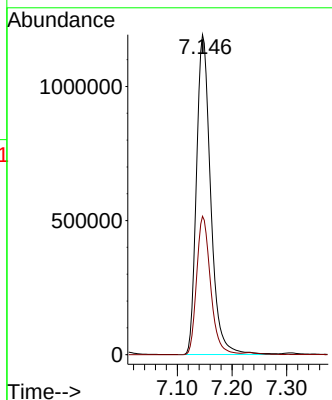
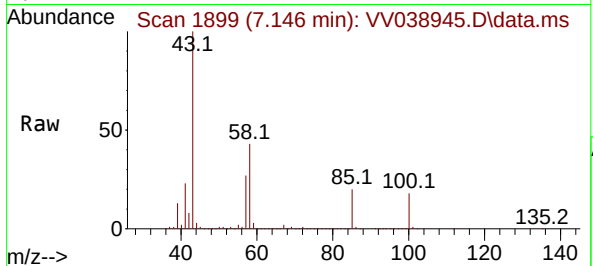




#51
4-Methyl-2-Pentanone
Concen: 226.937 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

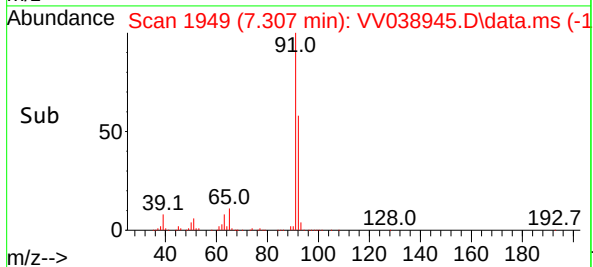
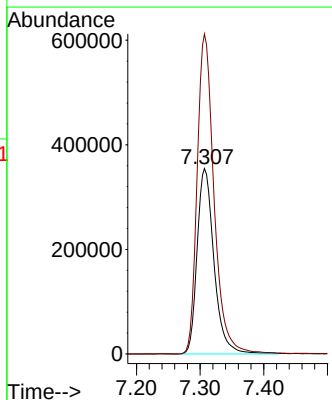
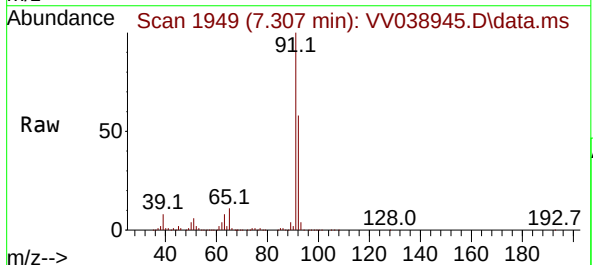
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

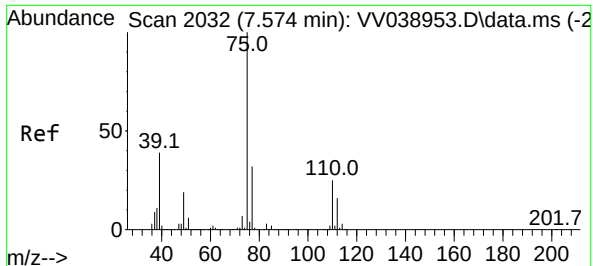
Tgt Ion: 43 Resp: 2150005
Ion Ratio Lower Upper
43 100
58 42.5 33.2 49.8



#52
Toluene
Concen: 38.149 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 92 Resp: 653356
Ion Ratio Lower Upper
92 100
91 173.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 40.932 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

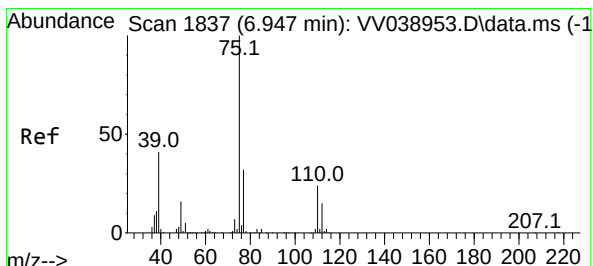
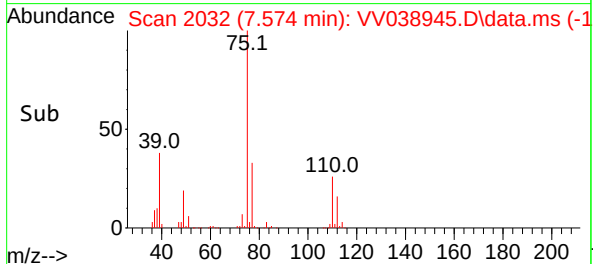
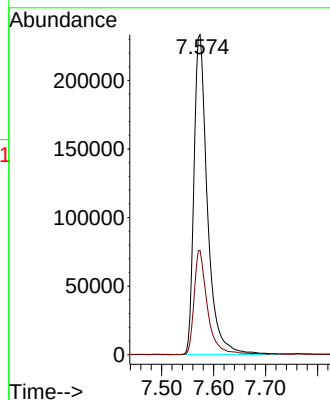
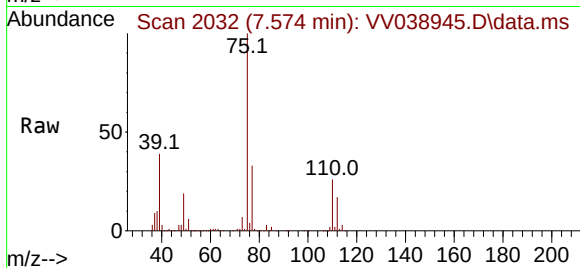
VSTDCCC050

Tgt Ion: 75 Resp: 419656

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 40.910 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

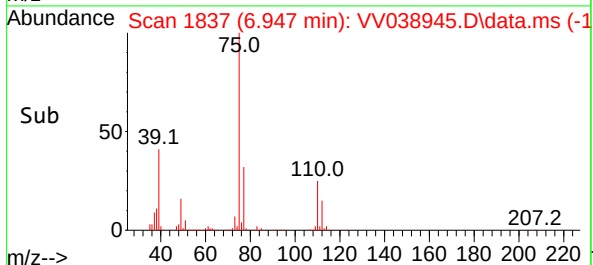
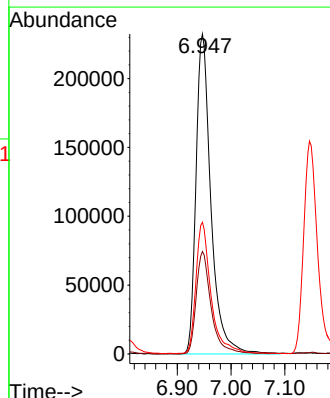
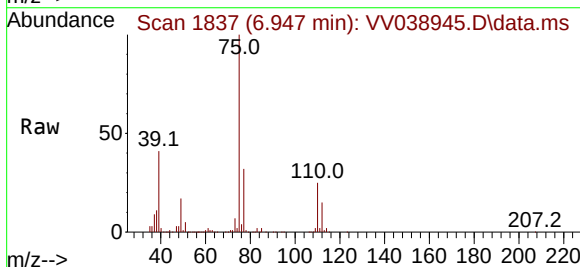
Tgt Ion: 75 Resp: 448782

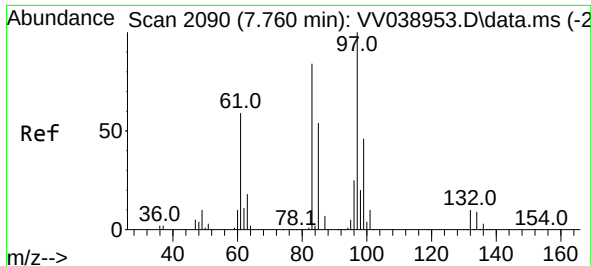
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 41.0 32.6 49.0

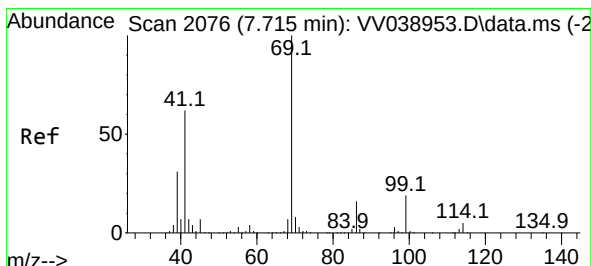
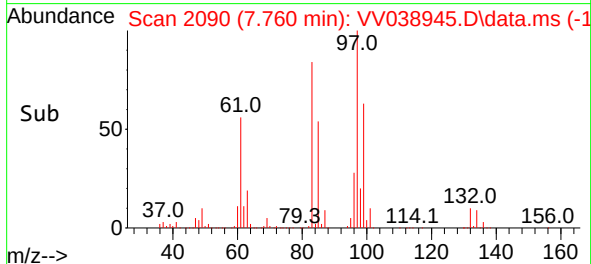
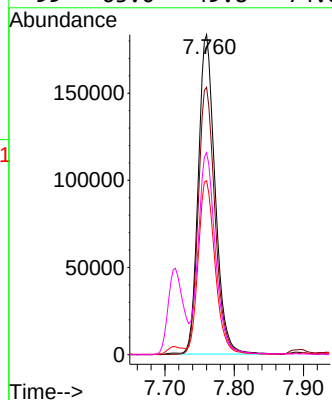
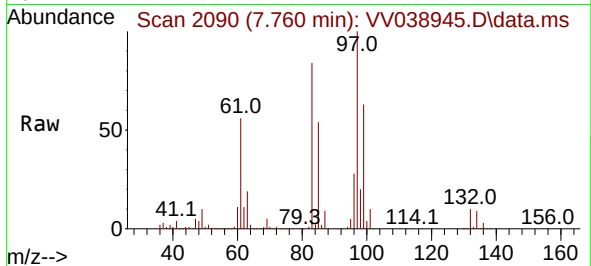




#55
1,1,2-Trichloroethane
Concen: 43.378 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

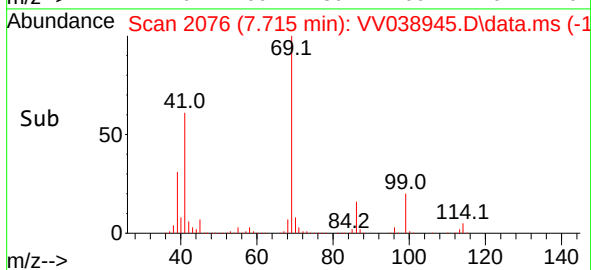
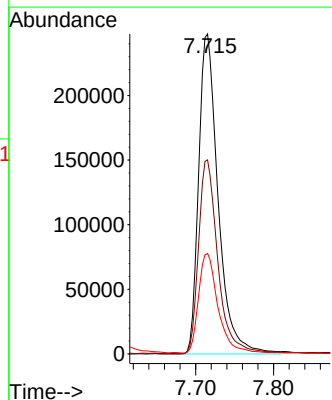
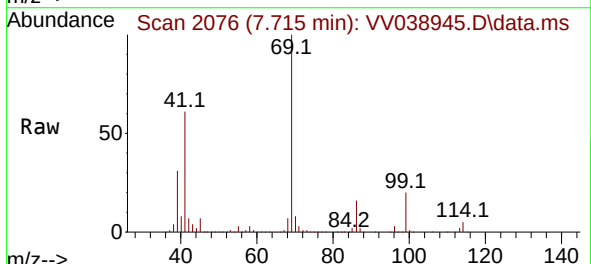
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

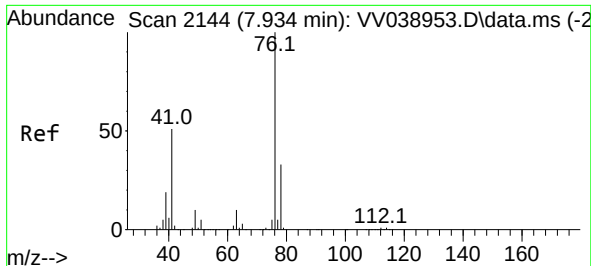
Tgt Ion:	97	Resp:	308549
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.7	100.1
85	54.2	44.5	66.7
99	63.0	49.8	74.8



#56
Ethyl methacrylate
Concen: 46.660 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:	69	Resp:	430329
Ion	Ratio	Lower	Upper
69	100		
41	60.1	48.1	72.1
39	30.9	24.3	36.5





#57

1,3-Dichloropropane

Concen: 42.417 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

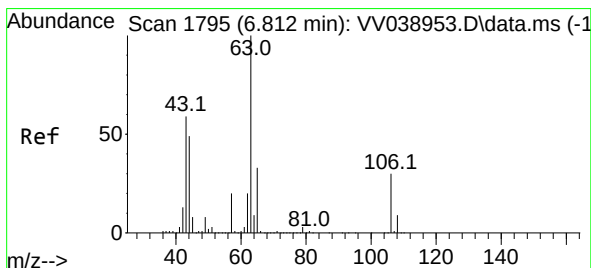
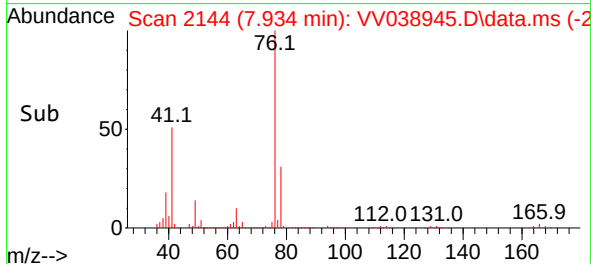
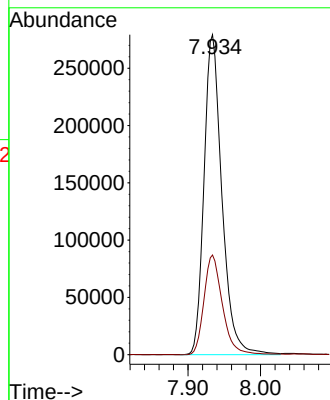
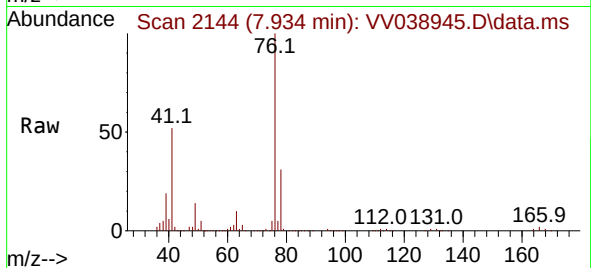
VSTDCCC050

Tgt Ion: 76 Resp: 479603

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 161.311 ug/l

RT: 6.808 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV038945.D

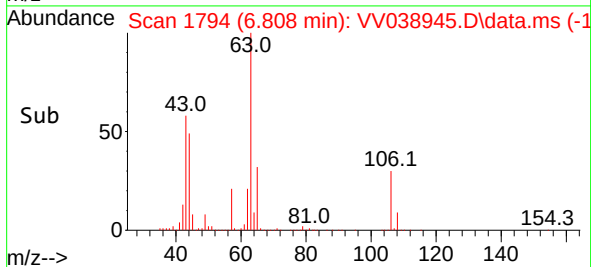
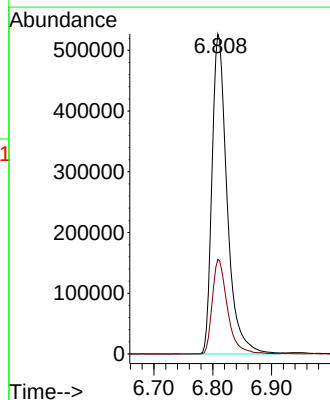
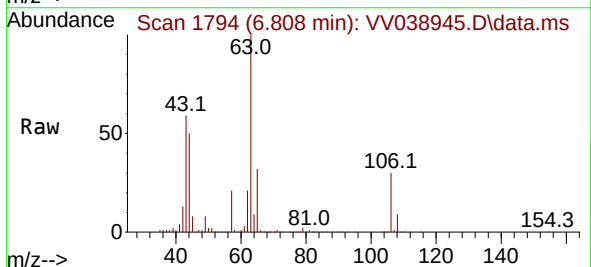
Acq: 13 Aug 2025 11:39

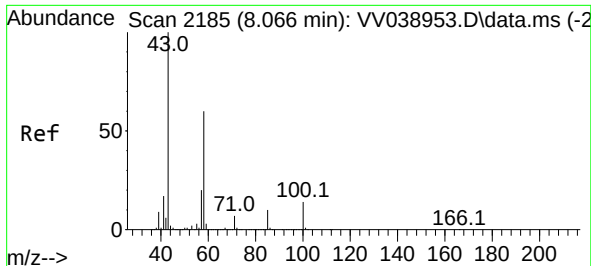
Tgt Ion: 63 Resp: 939734

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8

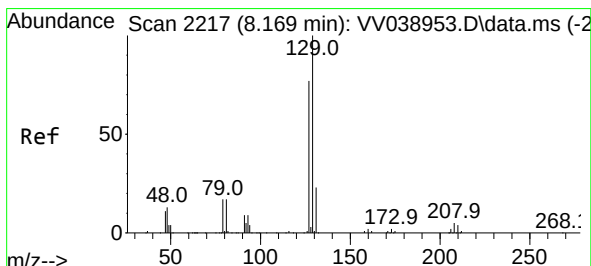
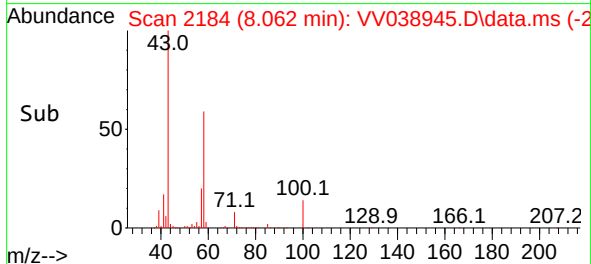
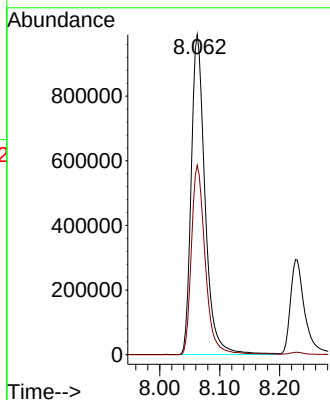
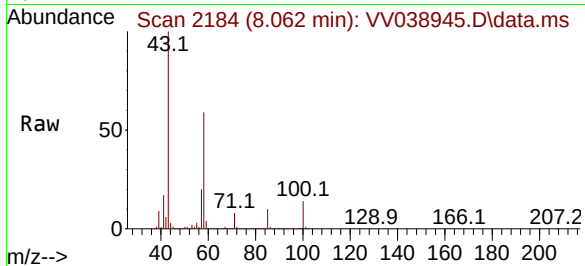




#59
2-Hexanone
Concen: 233.571 ug/l
RT: 8.062 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

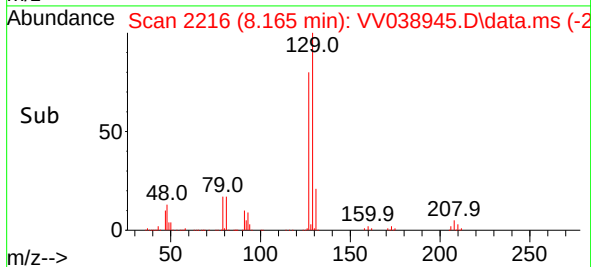
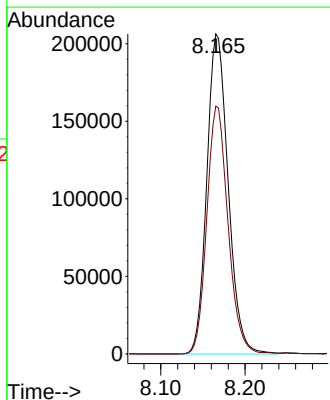
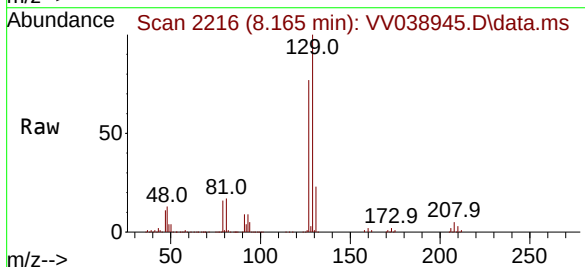
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

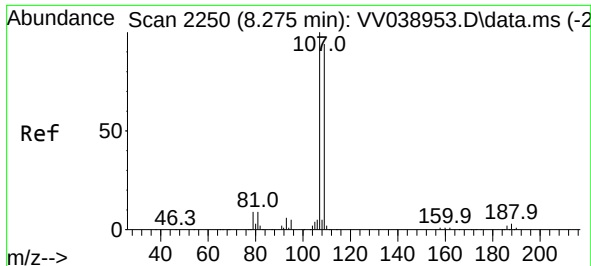
Tgt Ion: 43 Resp: 1590535
Ion Ratio Lower Upper
43 100
58 59.3 29.3 87.9



#60
Dibromochloromethane
Concen: 42.291 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 129 Resp: 363421
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6

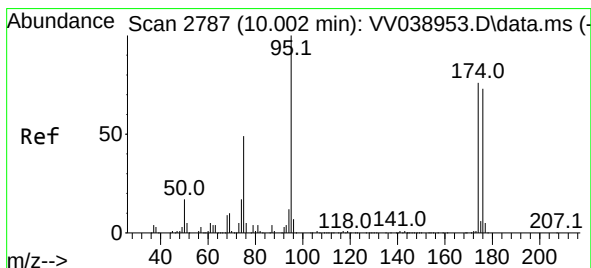
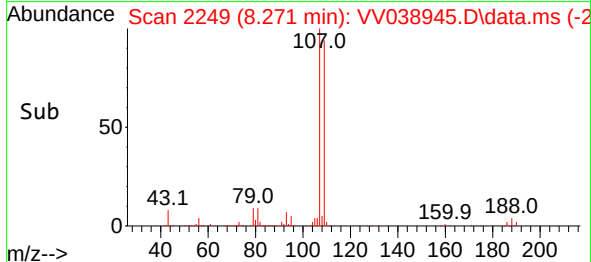
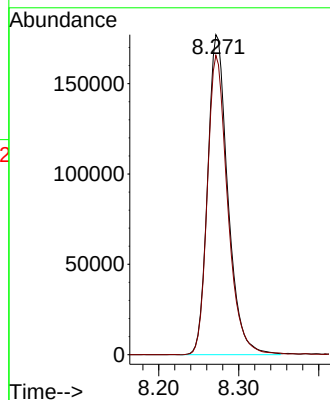
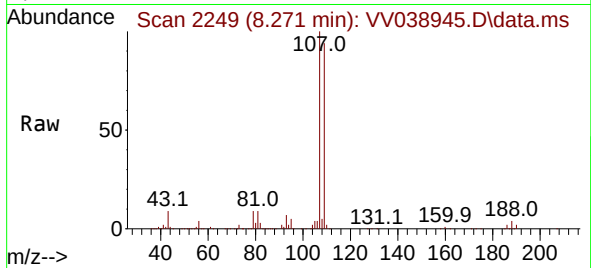




#61
1,2-Dibromoethane
Concen: 40.675 ug/l
RT: 8.271 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

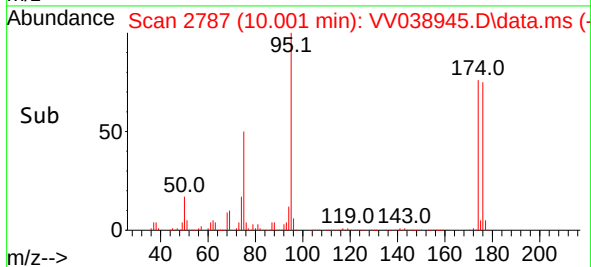
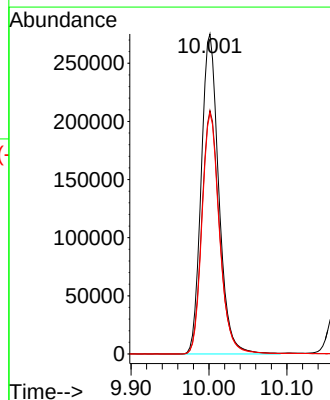
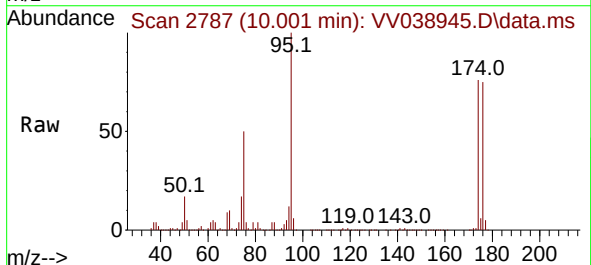
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

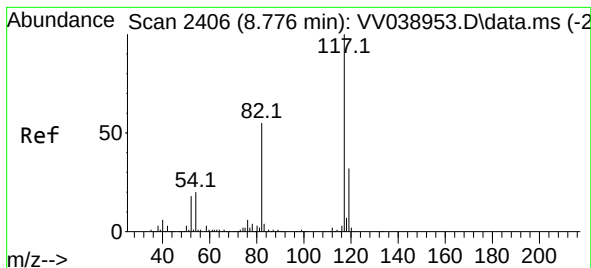
Tgt Ion:107 Resp: 311383
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.400 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 95 Resp: 429432
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 74.9 0.0 144.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

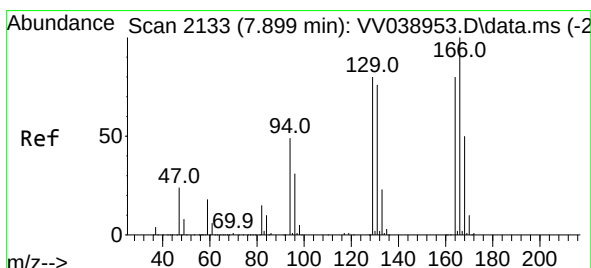
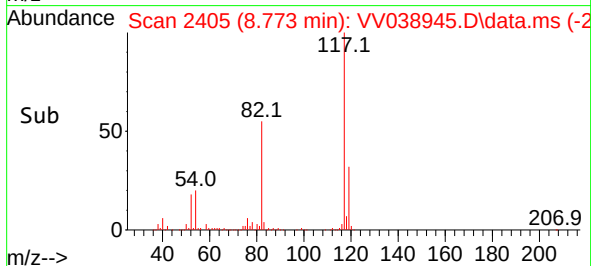
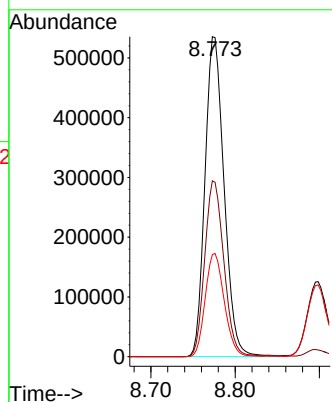
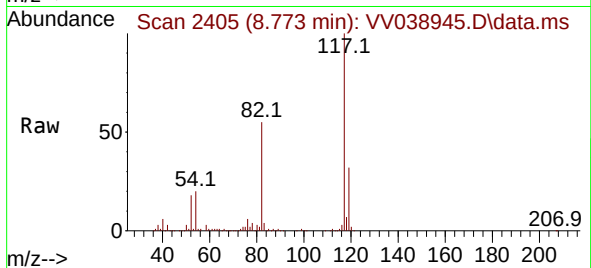
Tgt Ion:117 Resp: 846223

Ion Ratio Lower Upper

117 100

82 54.9 44.1 66.1

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 36.082 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Tgt Ion:164 Resp: 231019

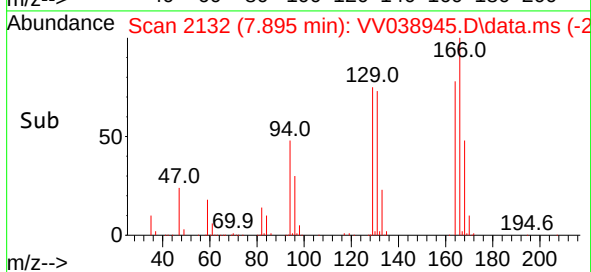
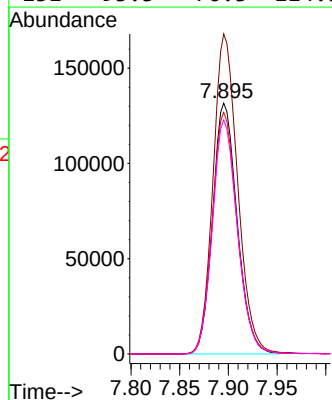
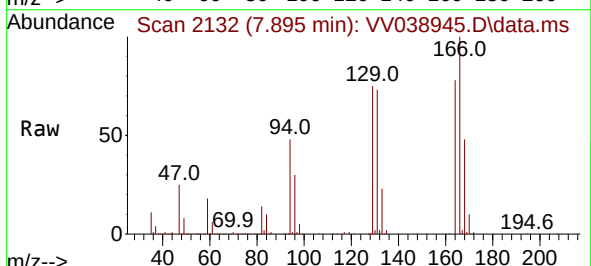
Ion Ratio Lower Upper

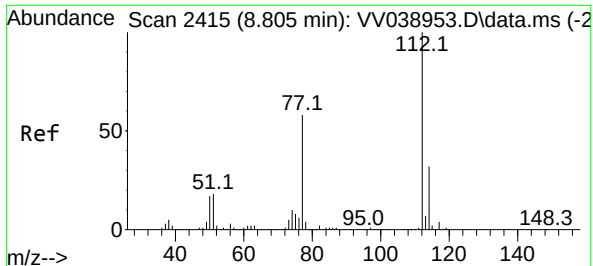
164 100

166 127.6 100.1 150.1

129 96.3 80.2 120.4

131 93.3 76.3 114.5

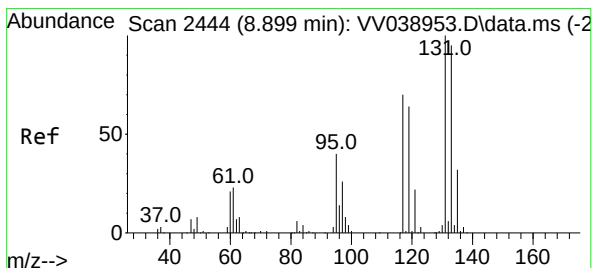
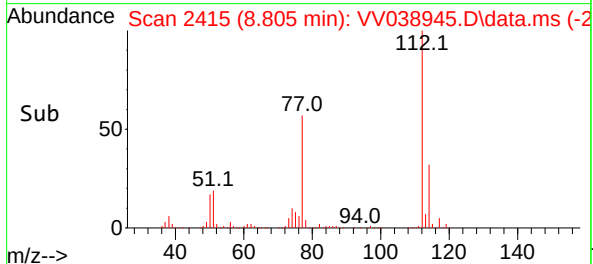
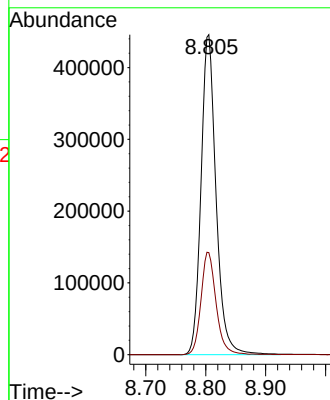
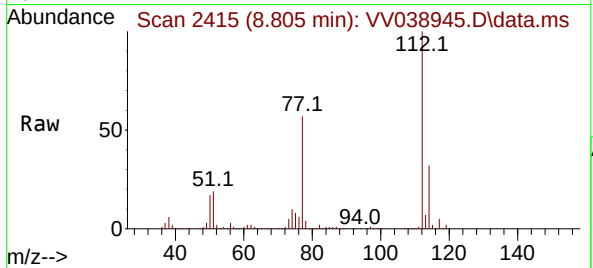




#65
Chlorobenzene
Concen: 39.158 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

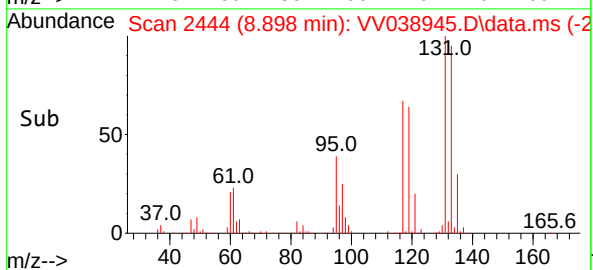
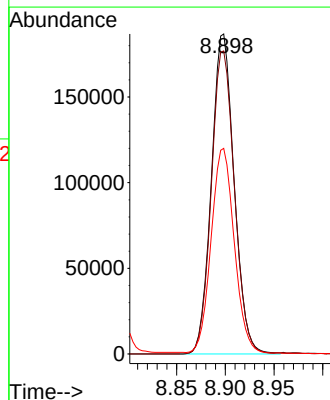
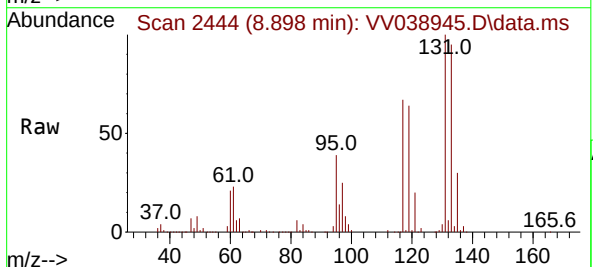
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

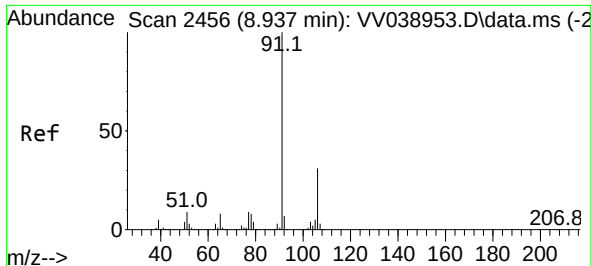
Tgt Ion:112 Resp: 777923
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 43.997 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:131 Resp: 303782
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.6 32.3 96.8





#67

Ethyl Benzene

Concen: 42.519 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

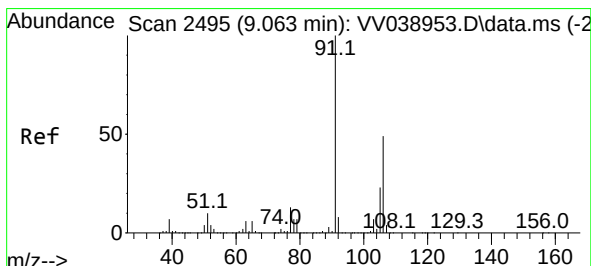
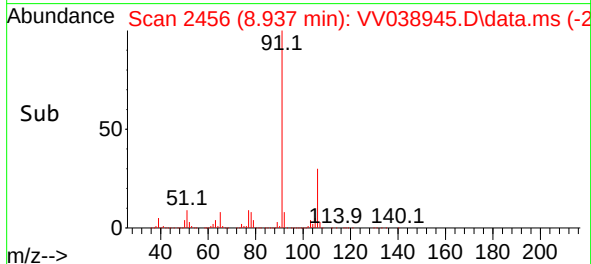
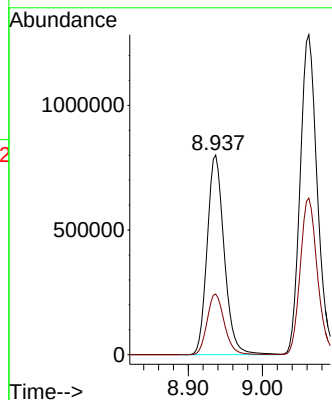
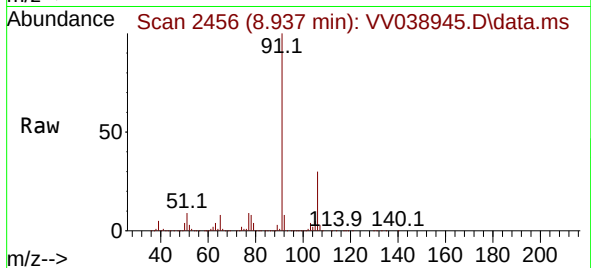
VSTDCCC050

Tgt Ion: 91 Resp: 1275917

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 85.894 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038945.D

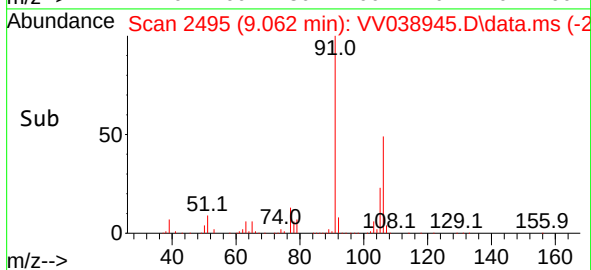
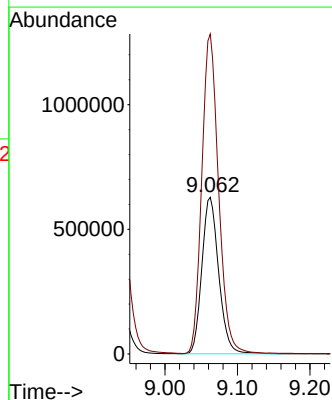
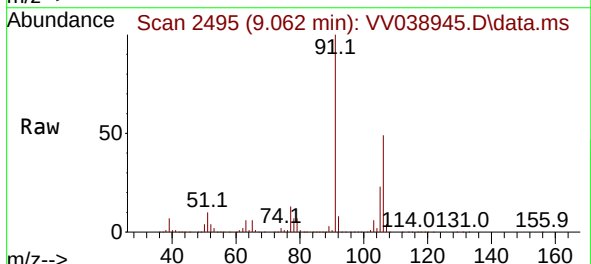
Acq: 13 Aug 2025 11:39

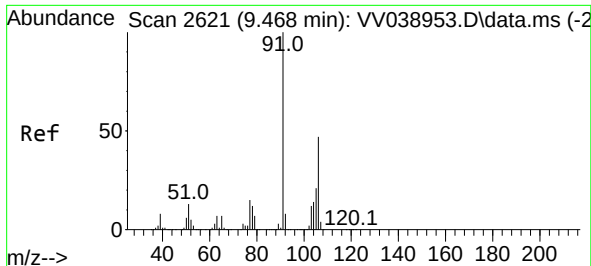
Tgt Ion: 106 Resp: 1009308

Ion Ratio Lower Upper

106 100

91 204.6 163.0 244.6

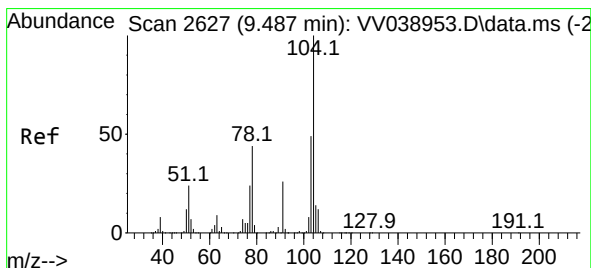
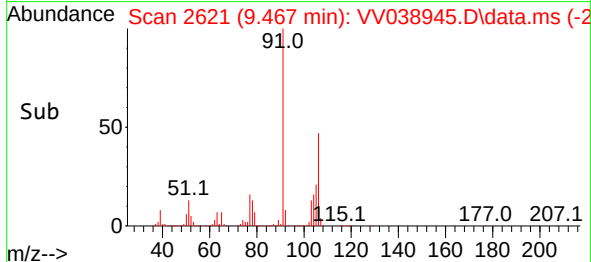
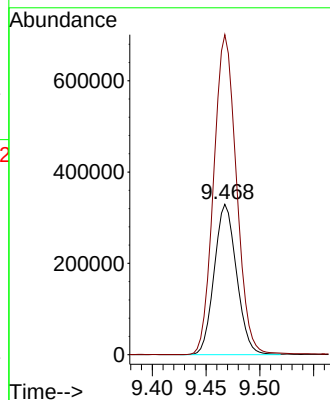
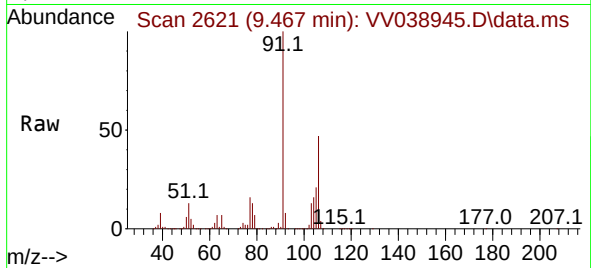




#69
o-Xylene
Concen: 44.159 ug/l
RT: 9.467 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

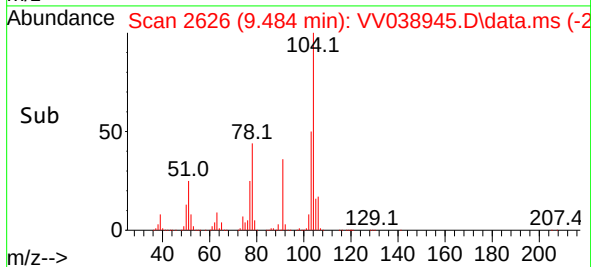
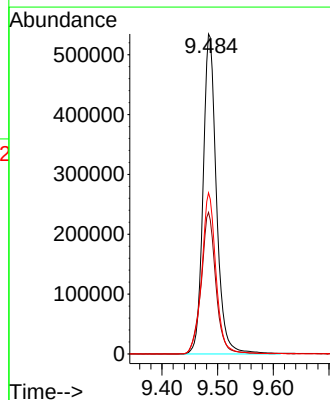
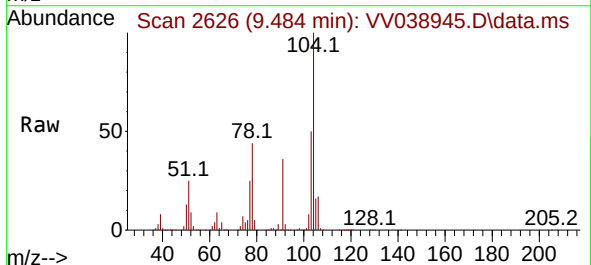
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

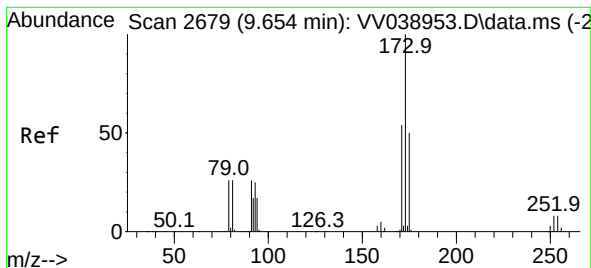
Tgt Ion:106 Resp: 476628
Ion Ratio Lower Upper
106 100
91 217.1 106.8 320.4



#70
Styrene
Concen: 47.539 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:104 Resp: 893231
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 53.7 43.4 65.2





#71

Bromoform

Concen: 46.082 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

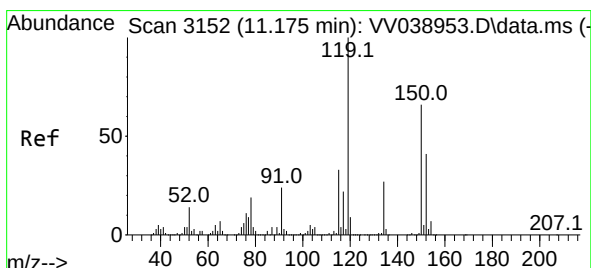
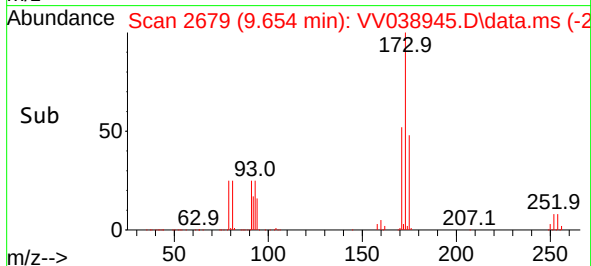
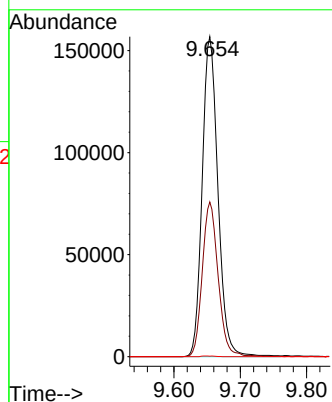
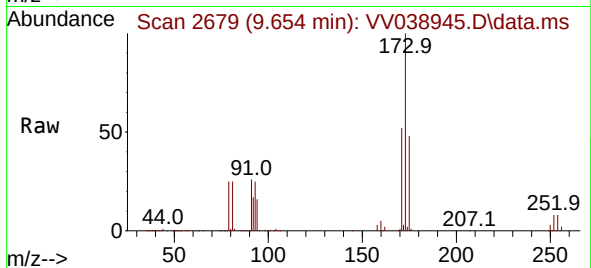
Tgt Ion:173 Resp: 258552

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

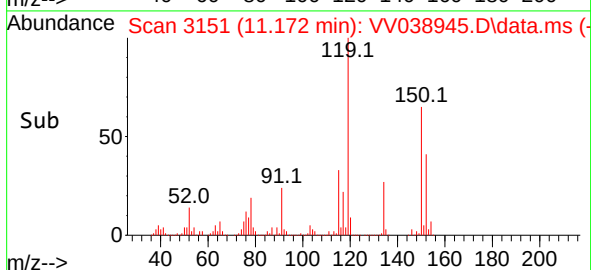
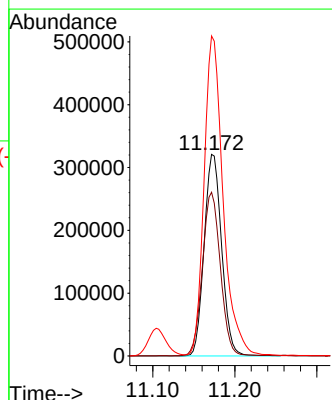
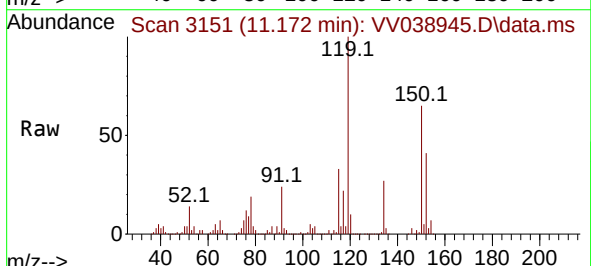
Tgt Ion:152 Resp: 475140

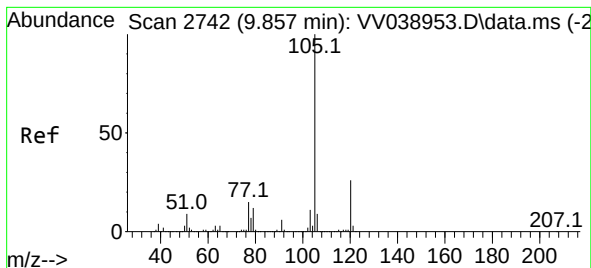
Ion Ratio Lower Upper

152 100

115 82.9 42.8 128.3

150 172.1 0.0 349.6





#73

Isopropylbenzene

Concen: 44.081 ug/l

RT: 9.857 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

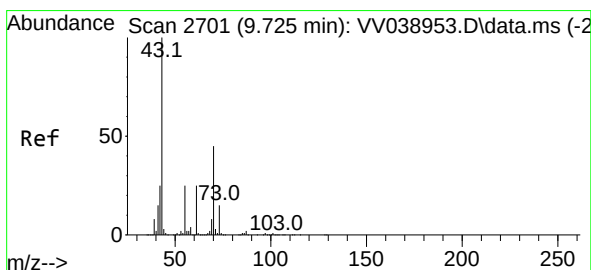
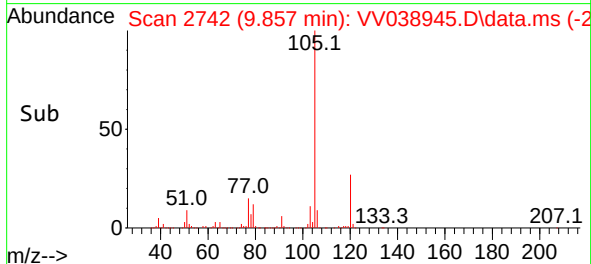
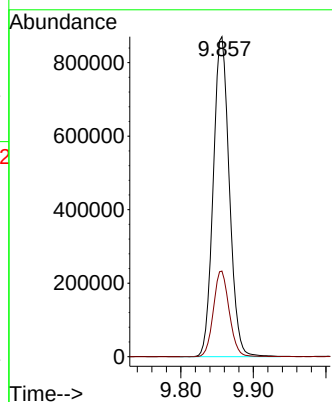
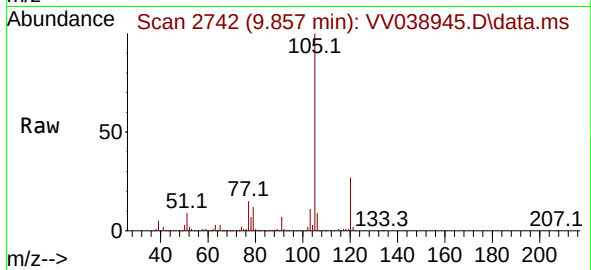
VSTDCCC050

Tgt Ion:105 Resp: 1341104

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



#74

N-ethyl acetate

Concen: 43.793 ug/l

RT: 9.725 min Scan# 2701

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Tgt Ion: 43 Resp: 514786

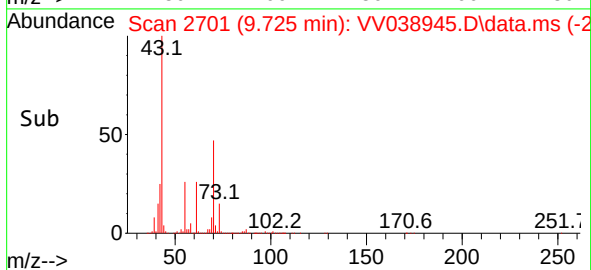
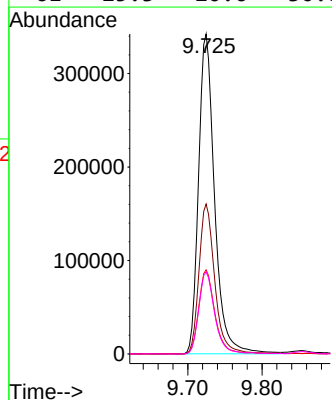
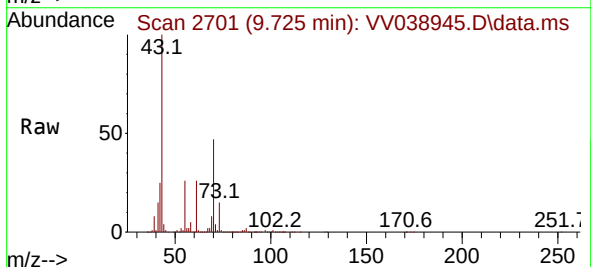
Ion Ratio Lower Upper

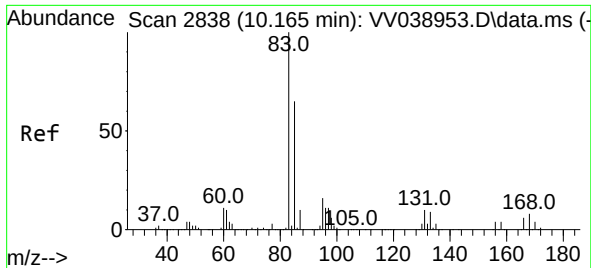
43 100

70 46.2 37.0 55.4

55 26.7 21.0 31.4

61 25.3 20.6 30.8

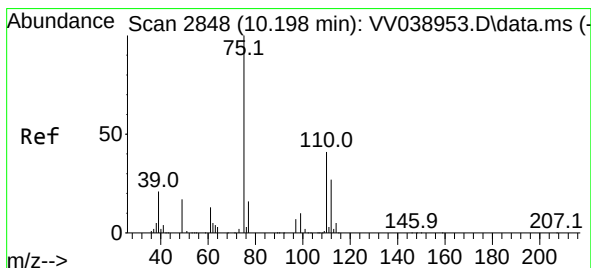
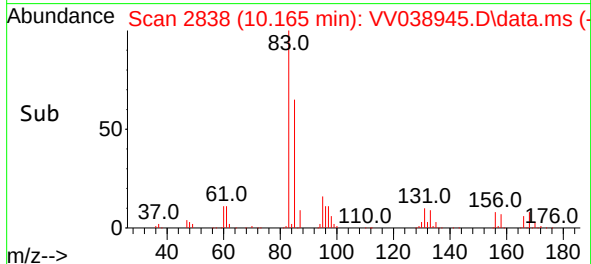
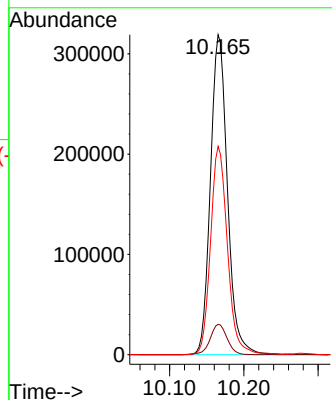
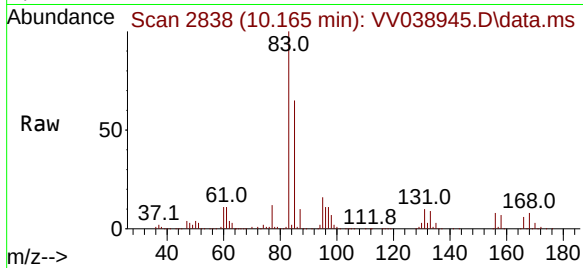




#75
1,1,2,2-Tetrachloroethane
Concen: 42.869 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

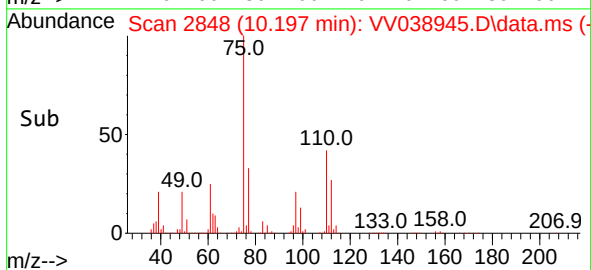
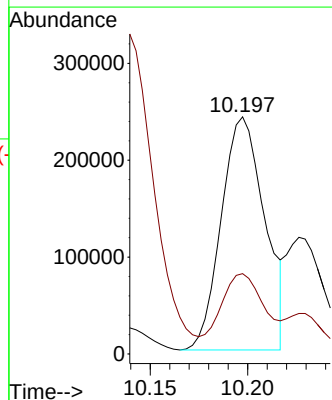
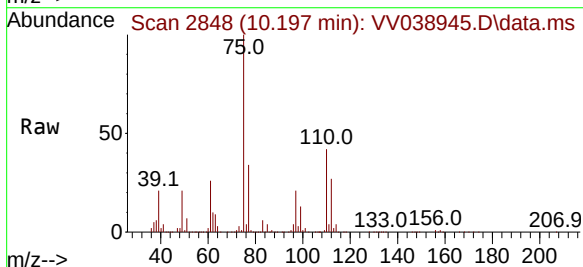
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

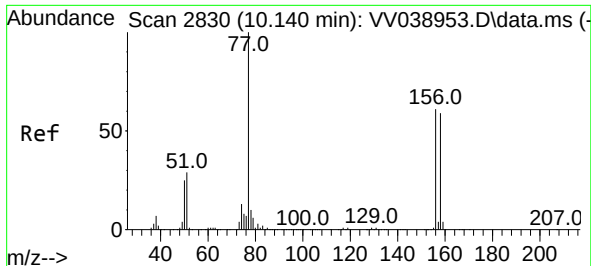
Tgt Ion: 83 Resp: 506101
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.7 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 42.039 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 75 Resp: 373944
Ion Ratio Lower Upper
75 100
77 23.8 11.8 35.4

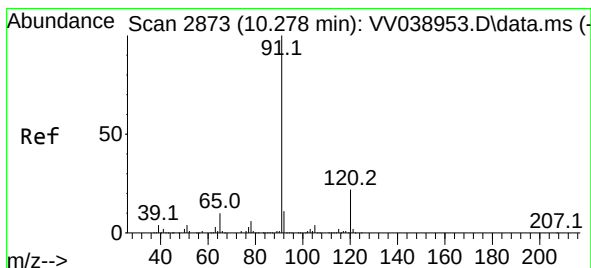
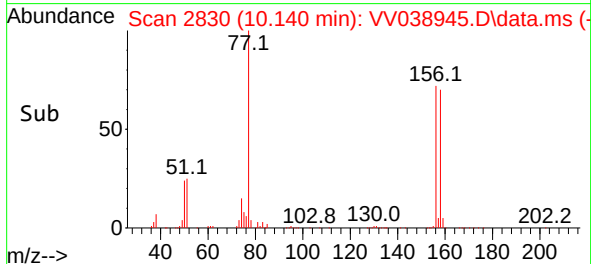
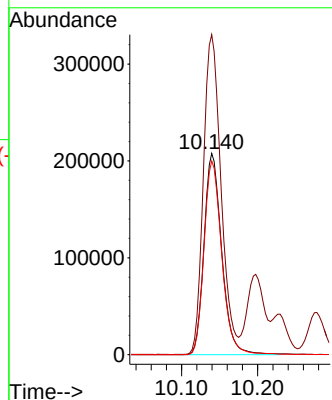
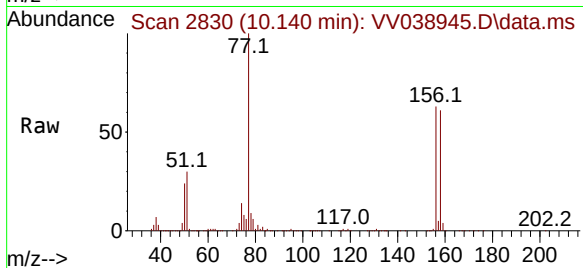




#77
Bromobenzene
Concen: 42.686 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

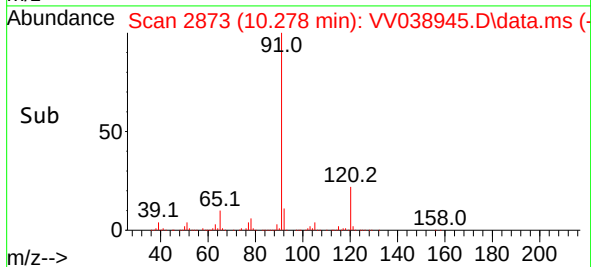
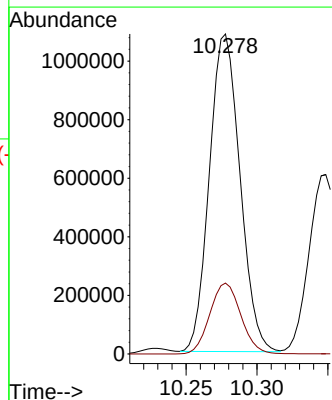
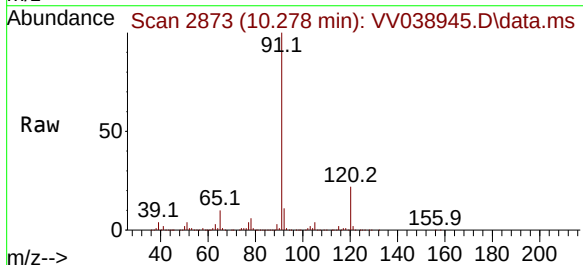
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

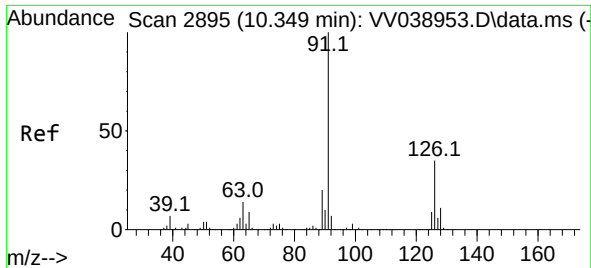
Tgt Ion:156 Resp: 335954
Ion Ratio Lower Upper
156 100
77 158.1 79.6 238.8
158 96.5 47.8 143.4



#78
n-propylbenzene
Concen: 44.715 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 91 Resp: 1627947
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5

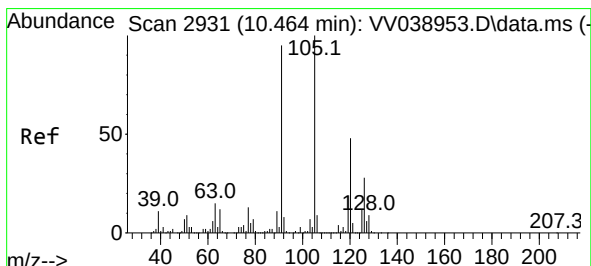
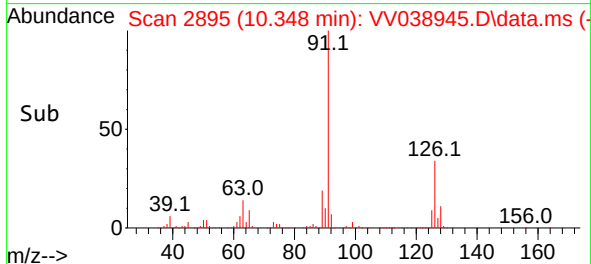
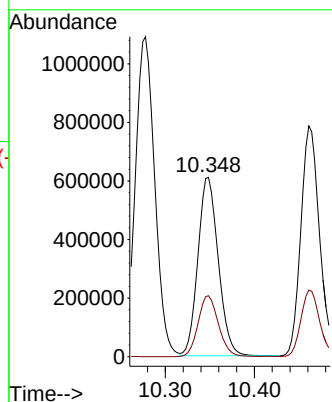
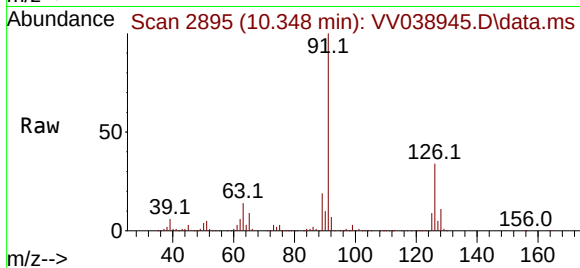




#79
2-Chlorotoluene
Concen: 43.471 ug/l
RT: 10.348 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

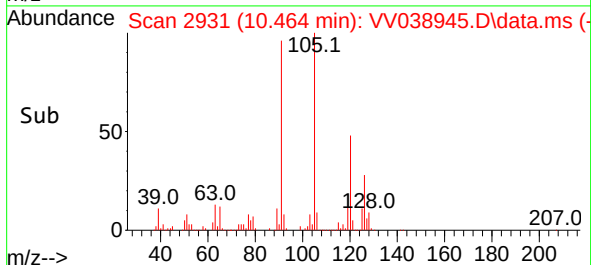
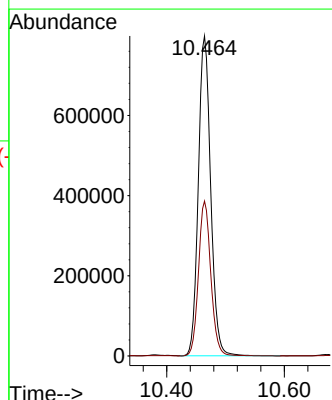
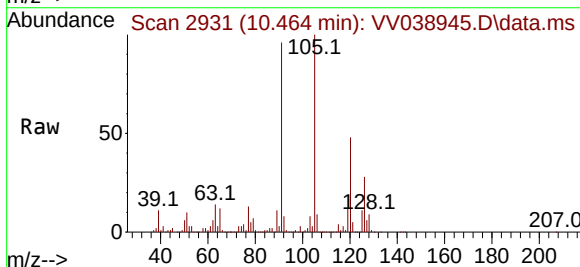
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

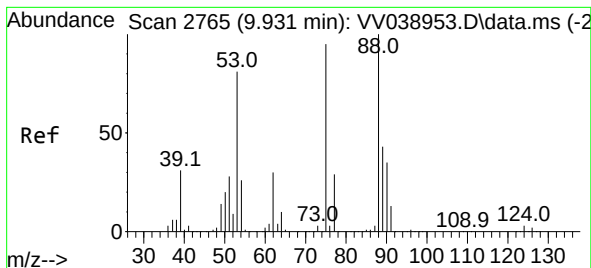
Tgt Ion: 91 Resp: 967417
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 45.348 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 105 Resp: 1164069
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

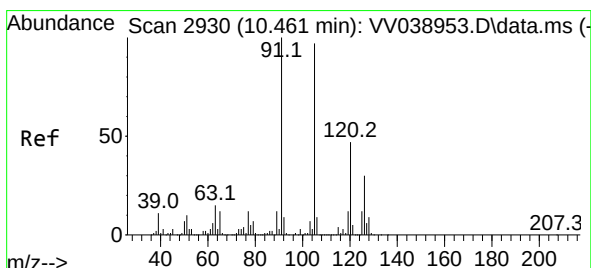
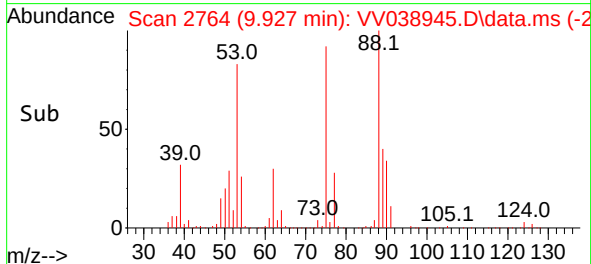
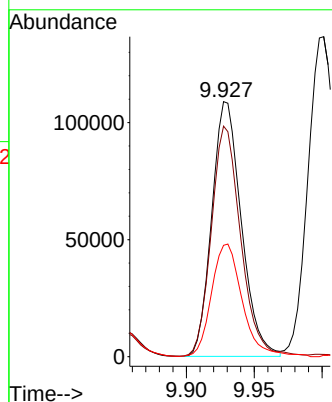
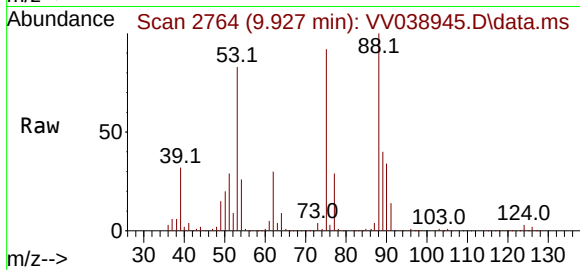




#81
trans-1,4-Dichloro-2-butene
Concen: 45.131 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

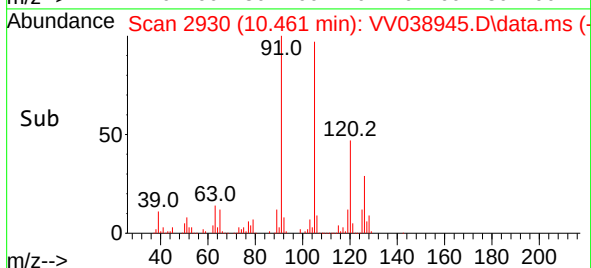
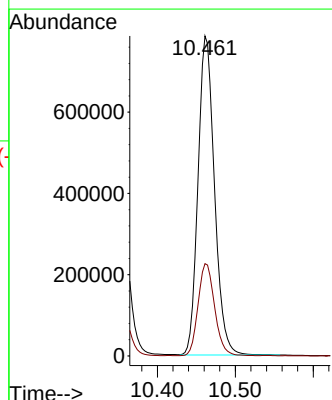
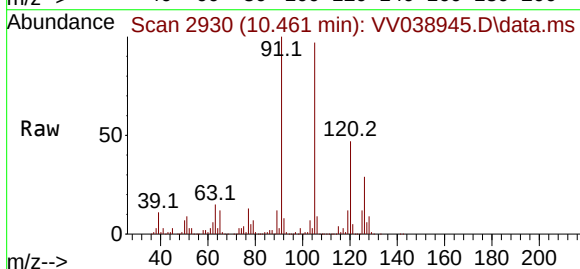
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

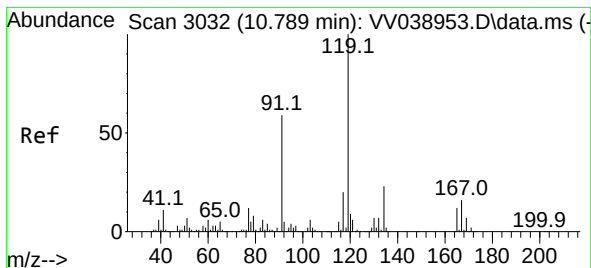
Tgt Ion: 75 Resp: 164883
Ion Ratio Lower Upper
75 100
53 89.8 69.3 103.9
89 46.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 44.924 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 91 Resp: 1151666
Ion Ratio Lower Upper
91 100
126 28.9 14.8 44.3





#83

tert-Butylbenzene

Concen: 45.628 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

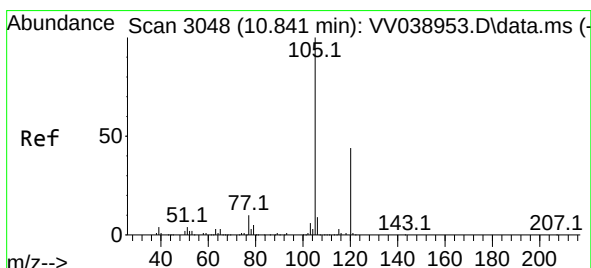
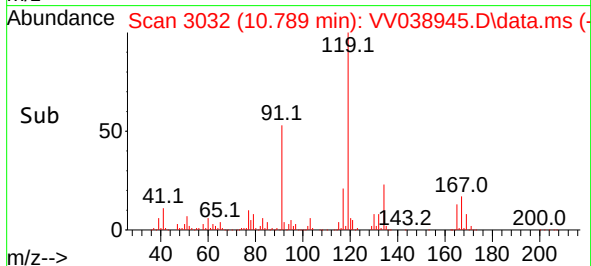
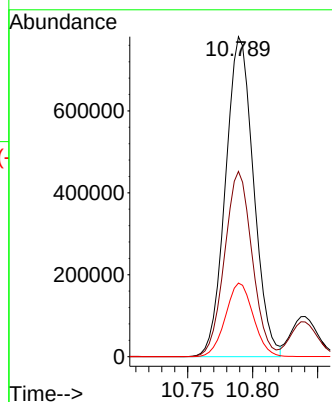
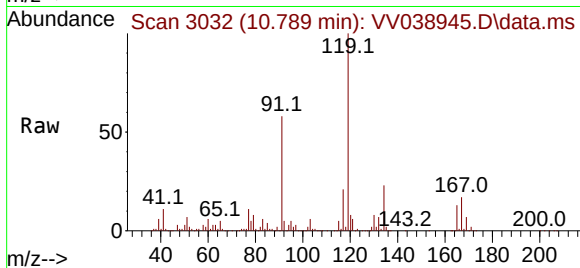
Tgt Ion:119 Resp: 1174393

Ion Ratio Lower Upper

119 100

91 56.7 28.8 86.5

134 22.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 47.160 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV038945.D

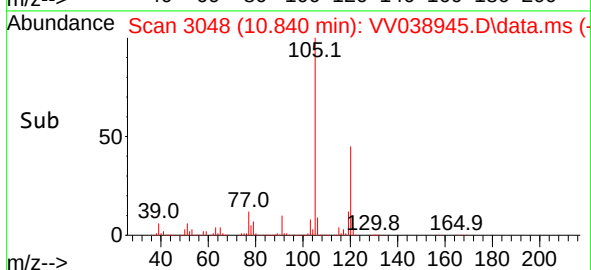
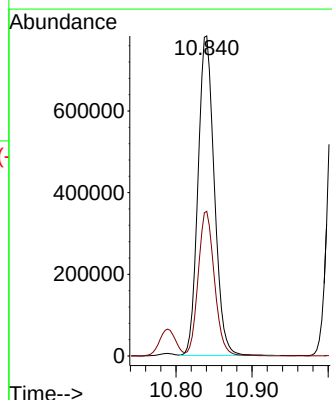
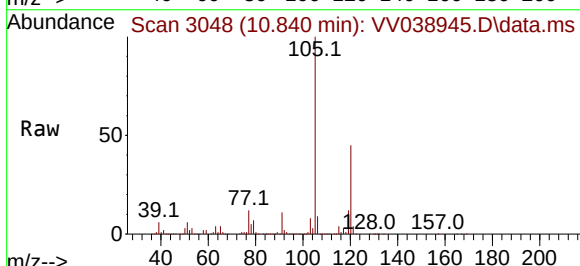
Acq: 13 Aug 2025 11:39

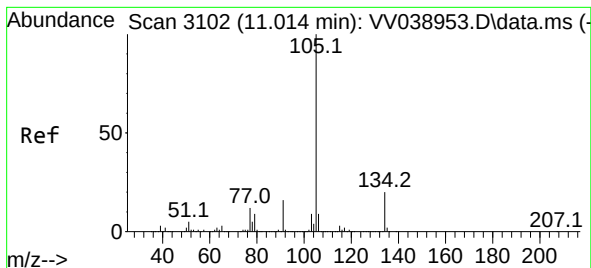
Tgt Ion:105 Resp: 1164328

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 46.081 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

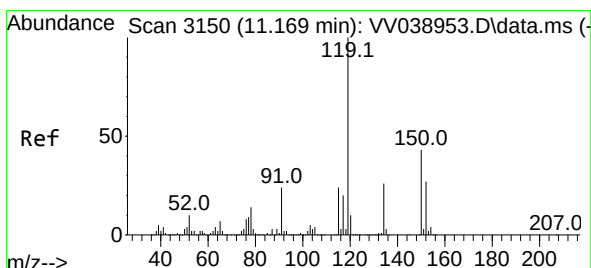
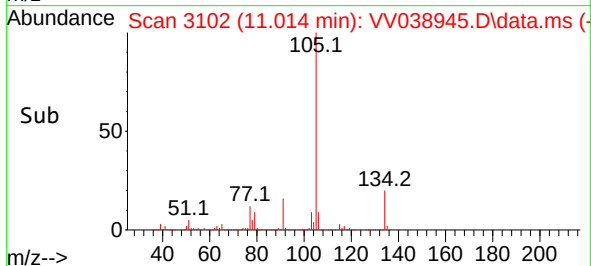
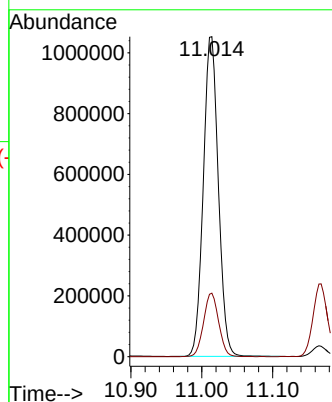
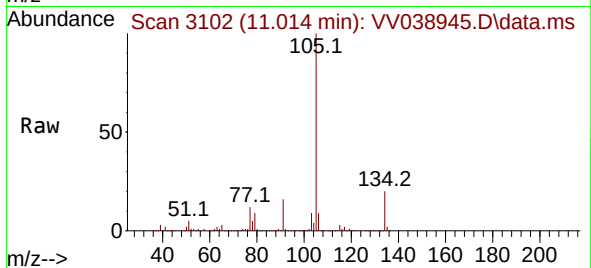
VSTDCCC050

Tgt Ion:105 Resp: 1547596

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 45.063 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

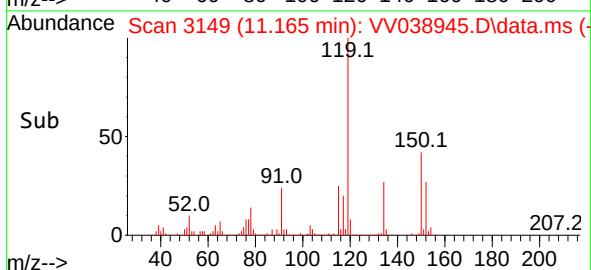
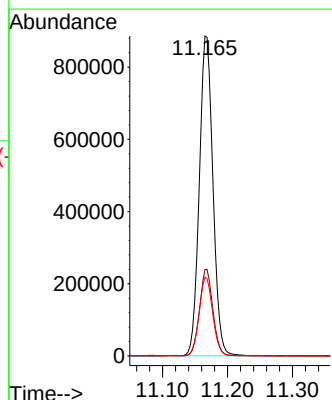
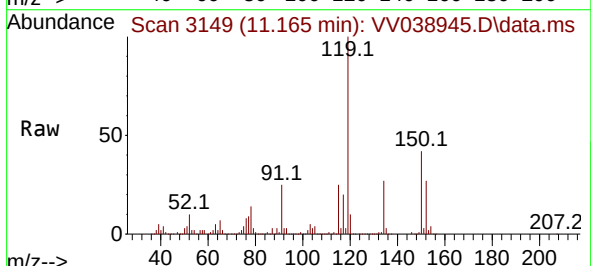
Tgt Ion:119 Resp: 1292784

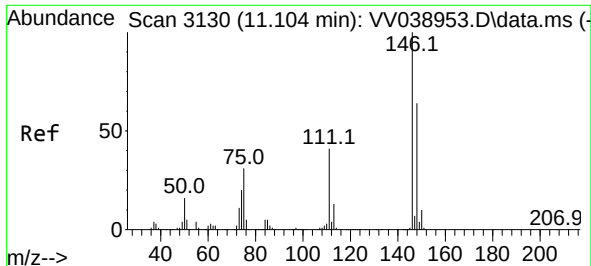
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 24.5 12.2 36.6

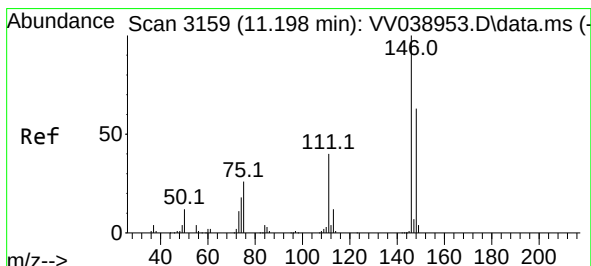
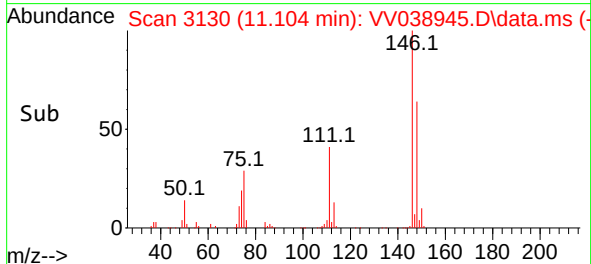
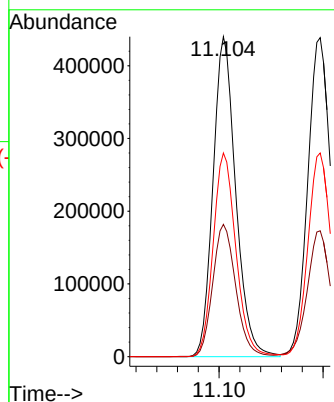
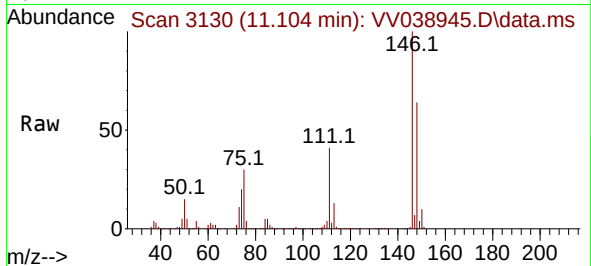




#87
1,3-Dichlorobenzene
Concen: 41.358 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

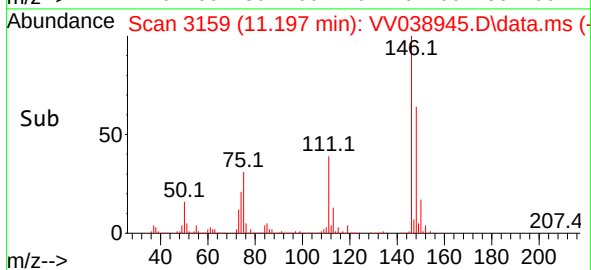
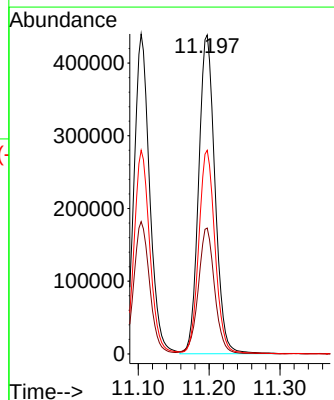
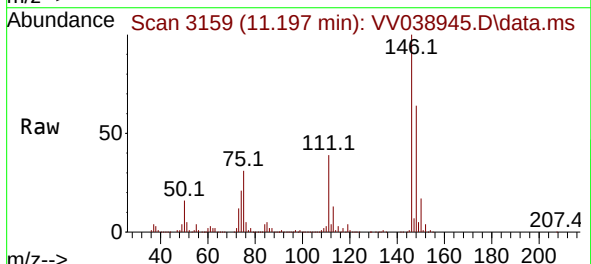
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

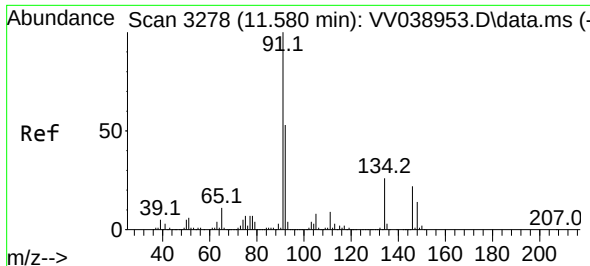
Tgt Ion:146 Resp: 667280
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.4
148 64.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 40.206 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:146 Resp: 701188
Ion Ratio Lower Upper
146 100
111 39.1 20.1 60.2
148 63.8 31.7 95.1

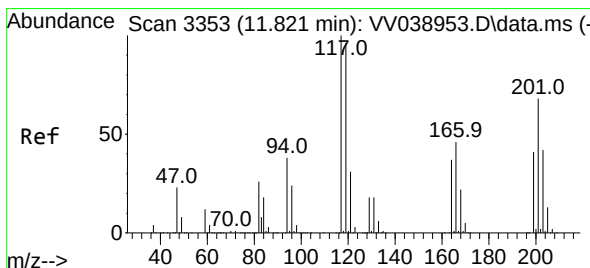
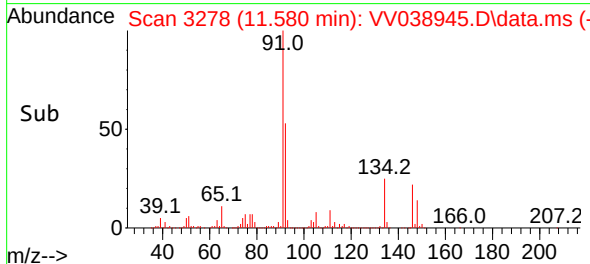
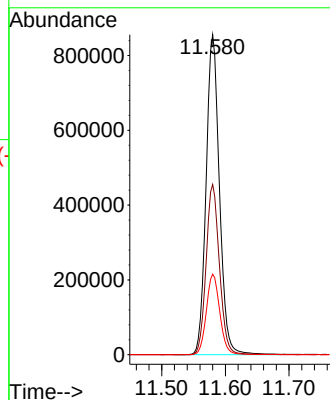
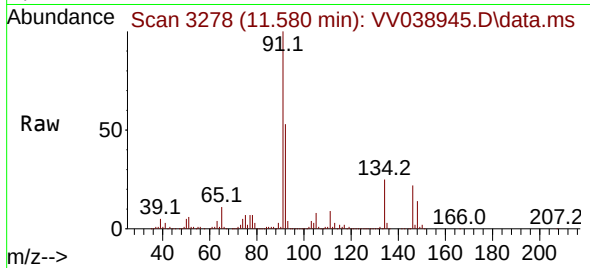




#89
n-Butylbenzene
Concen: 45.899 ug/l
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

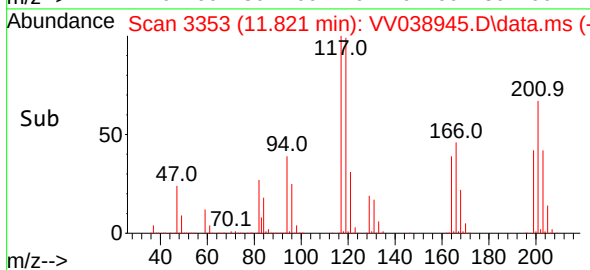
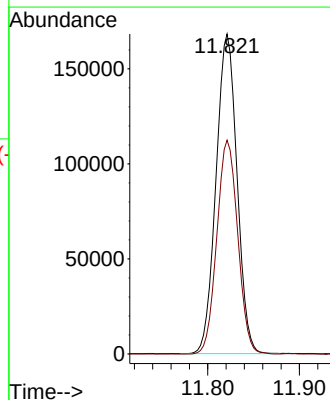
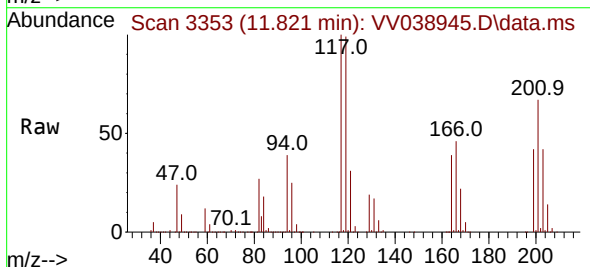
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

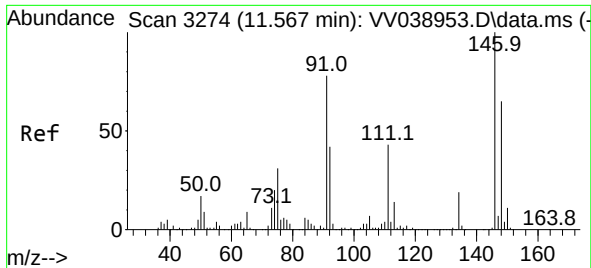
Tgt Ion: 91 Resp: 1244699
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 25.4 12.8 38.3



#90
Hexachloroethane
Concen: 42.399 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 117 Resp: 267540
Ion Ratio Lower Upper
117 100
201 66.5 33.7 101.1

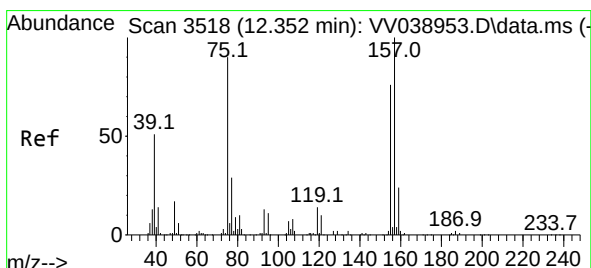
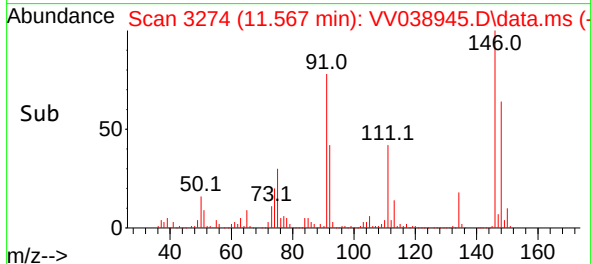
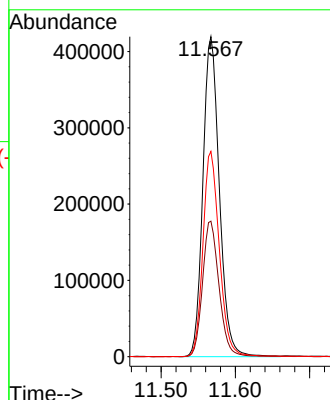
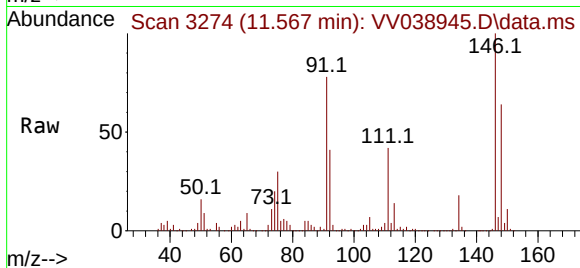




#91
1,2-Dichlorobenzene
Concen: 42.681 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

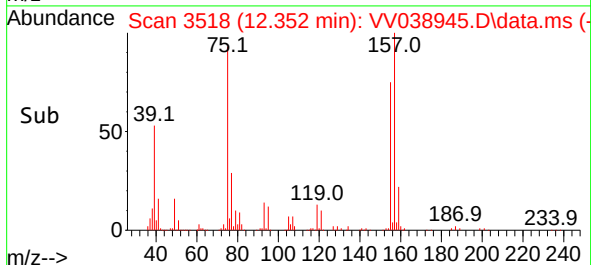
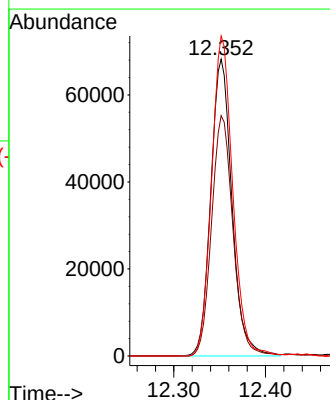
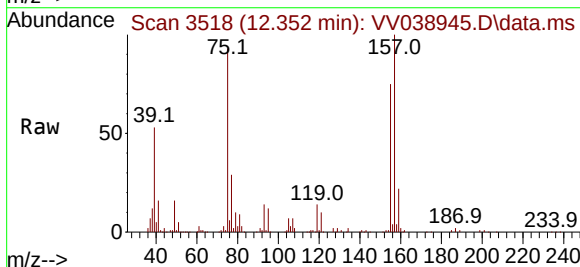
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

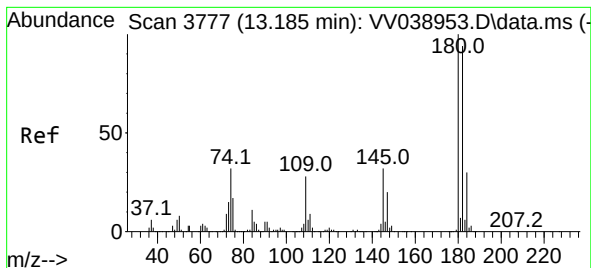
Tgt Ion:146 Resp: 645265
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.223 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion: 75 Resp: 109549
Ion Ratio Lower Upper
75 100
155 81.7 42.3 126.8
157 107.9 54.7 164.1





#93

1,2,4-Trichlorobenzene

Concen: 44.910 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

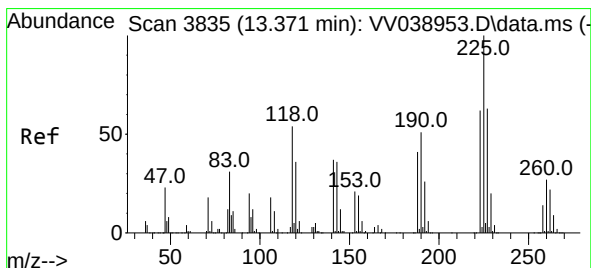
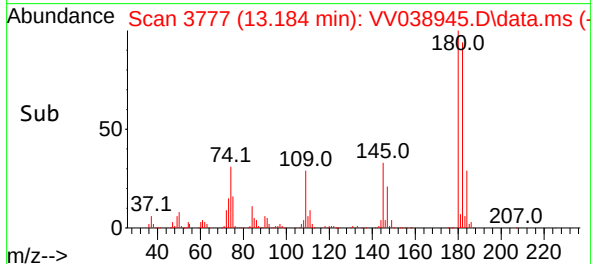
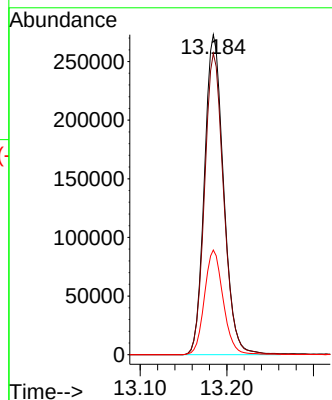
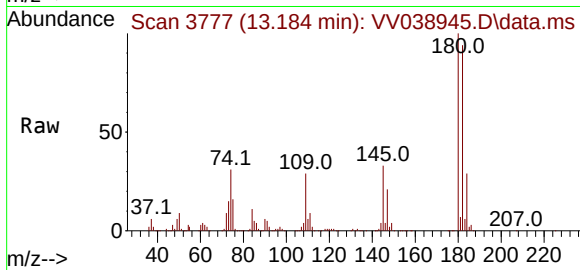
Tgt Ion:180 Resp: 419015

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 32.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 41.133 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. -0.000 min

Lab File: VV038945.D

Acq: 13 Aug 2025 11:39

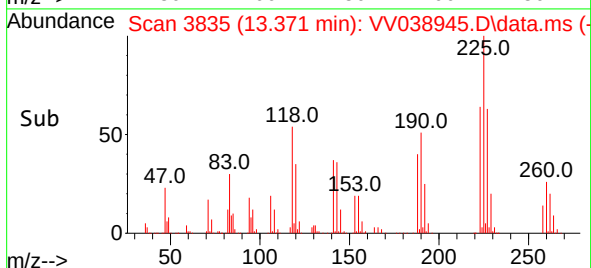
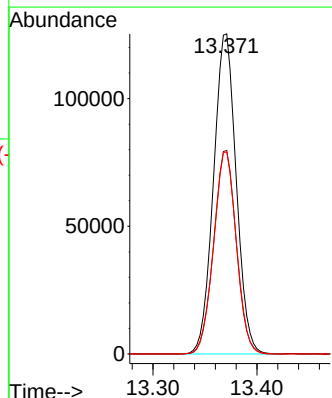
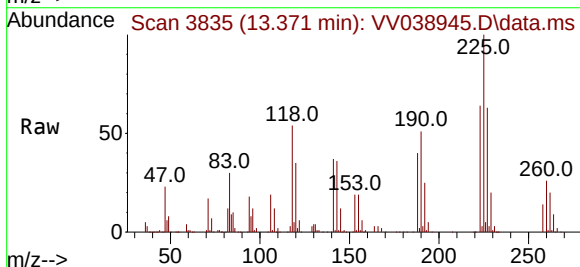
Tgt Ion:225 Resp: 190698

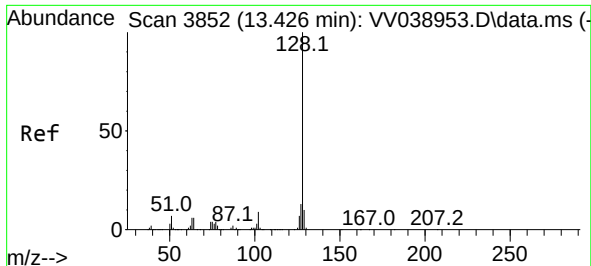
Ion Ratio Lower Upper

225 100

223 63.4 31.6 95.0

227 63.0 32.0 96.0

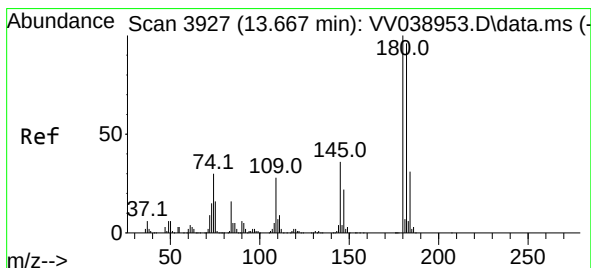
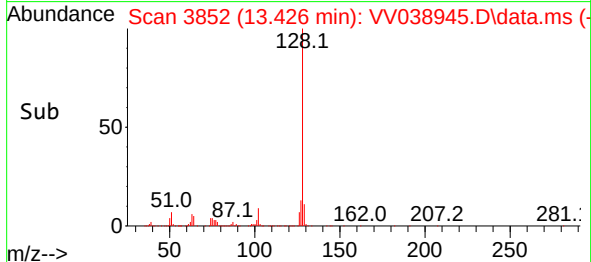
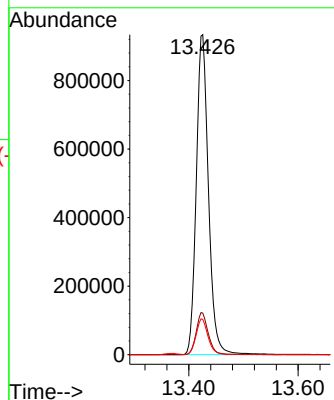
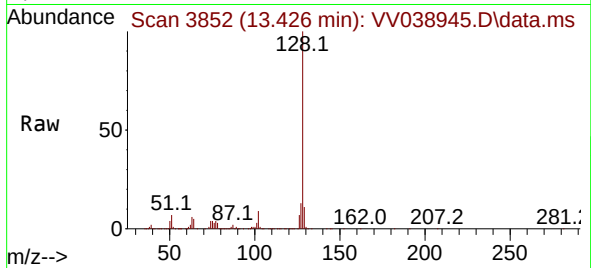




#95
Naphthalene
Concen: 49.214 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1443475
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 45.878 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV038945.D
Acq: 13 Aug 2025 11:39

Tgt Ion:180 Resp: 433291
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.0
145 34.4 17.5 52.6

