

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071525\
 Data File : VW038899.D
 Acq On : 15 Jul 2025 13:44
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 16 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	434174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	693584	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	681298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	413639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	240626	45.360	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	90.720%
35) Dibromofluoromethane	4.500	113	223293	47.219	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	94.440%
50) Toluene-d8	7.236	98	659447	46.135	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.260%
62) 4-Bromofluorobenzene	10.001	95	309020	53.667	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	107.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	159417	41.788	ug/l	99
3) Chloromethane	1.230	50	157831	38.312	ug/l	99
4) Vinyl Chloride	1.294	62	193530	41.045	ug/l	99
5) Bromomethane	1.487	94	142931	40.429	ug/l	94
6) Chloroethane	1.555	64	136288	43.245	ug/l	100
7) Trichlorofluoromethane	1.722	101	384058	46.036	ug/l	100
8) Diethyl Ether	1.918	74	145870	48.622	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	240000	48.112	ug/l	99
10) Methyl Iodide	2.195	142	266596	46.551	ug/l	99
11) Tert butyl alcohol	2.571	59	329888	270.109	ug/l	100
12) 1,1-Dichloroethene	2.079	96	197720	43.500	ug/l	97
13) Acrolein	2.008	56	42439	240.287	ug/l	97
14) Allyl chloride	2.355	41	347814	48.032	ug/l	99
15) Acrylonitrile	2.671	53	802302	256.707	ug/l	99
16) Acetone	2.118	43	625286	272.393	ug/l	98
17) Carbon Disulfide	2.249	76	320142	33.758	ug/l	99
18) Methyl Acetate	2.378	43	452520	58.264	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	875785	51.390	ug/l	99
20) Methylene Chloride	2.452	84	262492	45.074	ug/l	99
21) trans-1,2-Dichloroethene	2.700	96	207271	42.859	ug/l	97
22) Diisopropyl ether	3.214	45	790197	54.613	ug/l	97
23) Vinyl Acetate	3.188	43	3025288	266.660	ug/l	99
24) 1,1-Dichloroethane	3.114	63	464838	49.055	ug/l	98
25) 2-Butanone	3.863	43	946688	287.728	ug/l	98
26) 2,2-Dichloropropane	3.809	77	420465	50.682	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	276327	49.759	ug/l	99
28) Bromochloromethane	4.143	49	197566	53.866	ug/l	98
29) Tetrahydrofuran	4.233	42	609657	281.142	ug/l	98
30) Chloroform	4.278	83	516028	49.395	ug/l	100
31) Cyclohexane	4.580	56	274427	44.123	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	445037	48.824	ug/l	99
36) 1,1-Dichloropropene	4.741	75	260865	48.000	ug/l	98
37) Ethyl Acetate	3.973	43	352312	55.060	ug/l	98
38) Carbon Tetrachloride	4.732	117	363551	50.360	ug/l	99
39) Methylcyclohexane	6.047	83	304117	47.425	ug/l	99
40) Benzene	5.008	78	926738	50.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	173324	59.021	ug/l	98
42) 1,2-Dichloroethane	5.037	62	354128	50.428	ug/l	100
43) Isopropyl Acetate	5.191	43	554788	54.823	ug/l	100
44) Trichloroethene	5.828	130	230149	47.806	ug/l	97
45) 1,2-Dichloropropane	6.088	63	250560	51.485	ug/l	97
46) Dibromomethane	6.223	93	196030	52.060	ug/l	98
47) Bromodichloromethane	6.426	83	422717	52.897	ug/l	99
48) Methyl methacrylate	6.294	41	259703	59.133	ug/l	99
49) 1,4-Dioxane	6.285	88	109953	1161.980	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2029966	294.595	ug/l	100
52) Toluene	7.307	92	623526	53.724	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	400708	55.416	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	420159	53.752	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	289349	52.159	ug/l	98
56) Ethyl methacrylate	7.715	69	408514	61.969	ug/l	99
57) 1,3-Dichloropropane	7.934	76	454792	54.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	1314962	330.532	ug/l	99
59) 2-Hexanone	8.063	43	1508871	294.156	ug/l	99
60) Dibromochloromethane	8.169	129	347053	53.124	ug/l	98
61) 1,2-Dibromoethane	8.272	107	292462	52.330	ug/l	97
64) Tetrachloroethene	7.895	164	201819	45.168	ug/l	98
65) Chlorobenzene	8.805	112	740741	49.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	296805	49.995	ug/l	100
67) Ethyl Benzene	8.937	91	1200010	54.287	ug/l	100
68) m/p-Xylenes	9.063	106	972188	112.965	ug/l	100
69) o-Xylene	9.468	106	458371	56.430	ug/l	100
70) Styrene	9.484	104	847723	59.049	ug/l	99
71) Bromoform	9.654	173	255284	52.903	ug/l	99
73) Isopropylbenzene	9.857	105	1317894	53.323	ug/l	99
74) N-amyl acetate	9.725	43	505878	55.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	503255	48.613	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	377255	49.054	ug/l	81
77) Bromobenzene	10.140	156	320558	49.444	ug/l	99
78) n-propylbenzene	10.278	91	1575710	54.549	ug/l	99
79) 2-Chlorotoluene	10.349	91	948834	51.650	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1140292	54.710	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	166680	52.889	ug/l	97
82) 4-Chlorotoluene	10.461	91	1129103	54.984	ug/l	99
83) tert-Butylbenzene	10.789	119	1182872	54.131	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1149665	56.058	ug/l	99
85) sec-Butylbenzene	11.014	105	1530393	54.873	ug/l	100
86) p-Isopropyltoluene	11.165	119	1291847	54.556	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	665011	50.252	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	682627	47.420	ug/l	99
89) n-Butylbenzene	11.580	91	1237880	57.265	ug/l	100
90) Hexachloroethane	11.821	117	267776	47.546	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	646316	50.311	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	116283	49.682	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	424773	56.016	ug/l	100
94) Hexachlorobutadiene	13.368	225	190580	48.803	ug/l	98
95) Naphthalene	13.426	128	1516701	60.876	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	446796	56.844	ug/l	100

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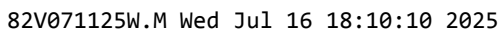
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MSVOA_V
ClientSampleId :
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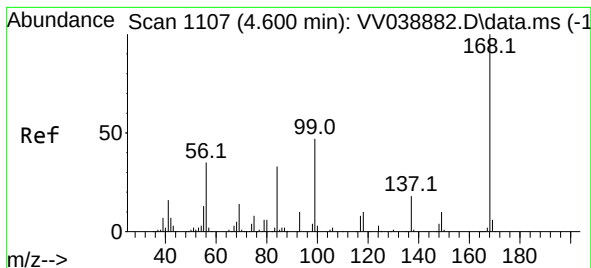
Quant Time: Jul 16 01:30:41 2025
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Quant Title : SW846 8260
QLast Update : Wed Jul 16 01:18:54 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038899.D

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Instrument :

MSVOA_V

ClientSampleId :

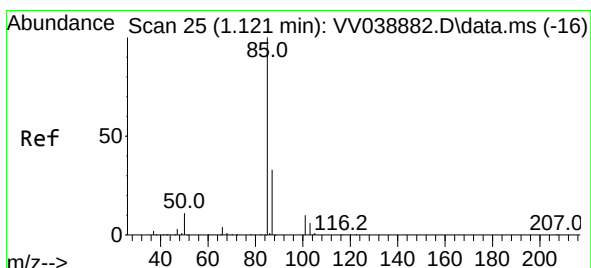
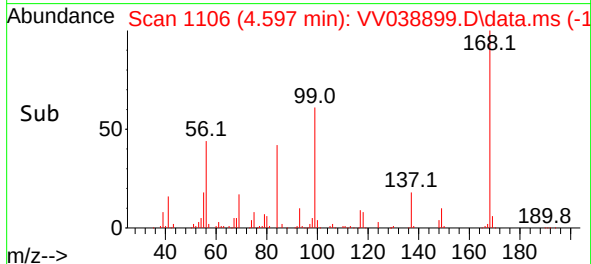
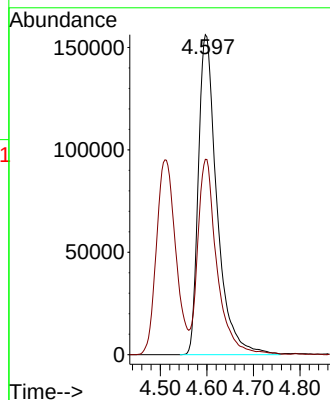
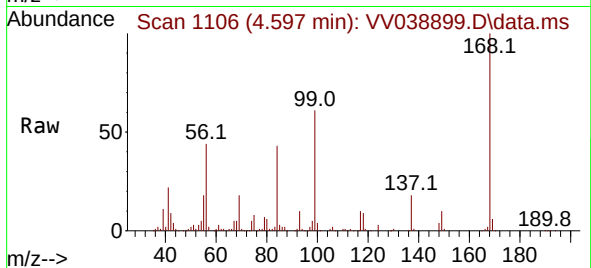
VSTDCCC050EC

Tgt Ion:168 Resp: 434174

Ion Ratio Lower Upper

168 100

99 60.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 41.788 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038899.D

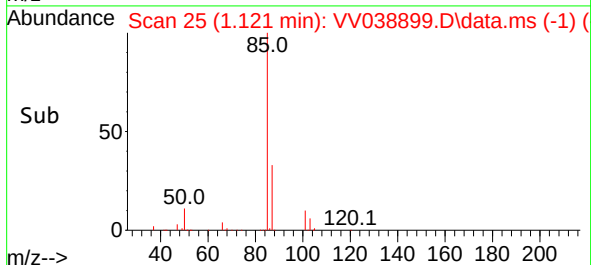
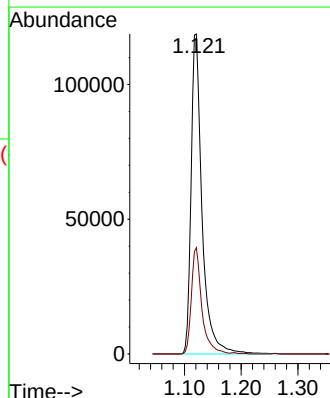
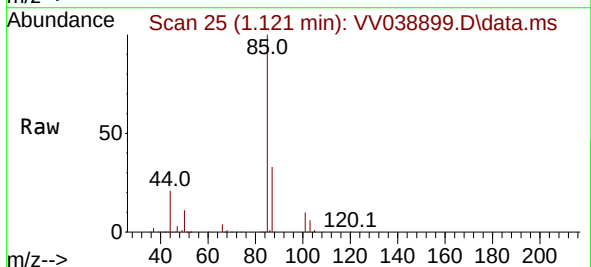
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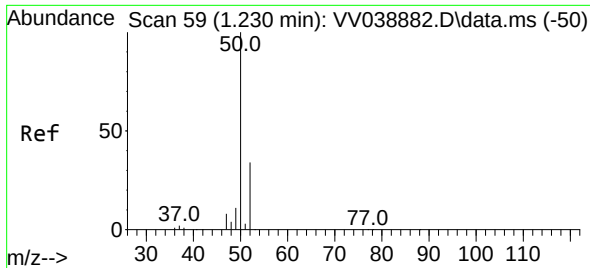
Tgt Ion: 85 Resp: 159417

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.8

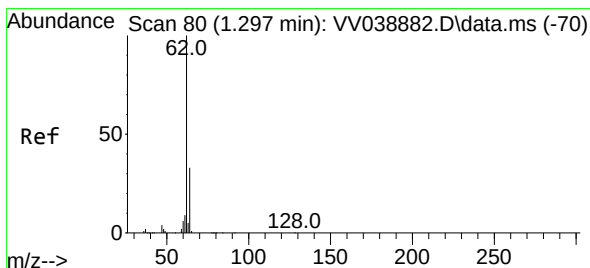
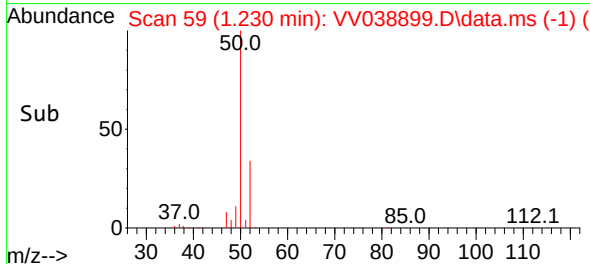
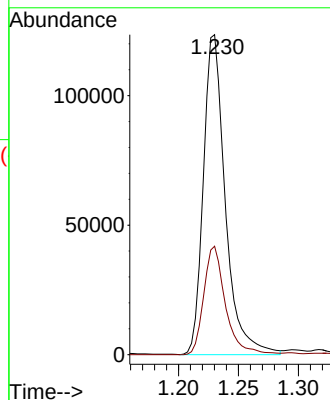
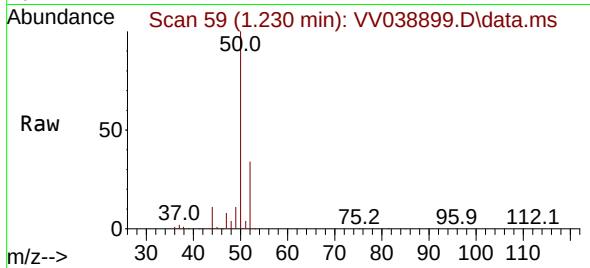




#3
Chloromethane
Concen: 38.312 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

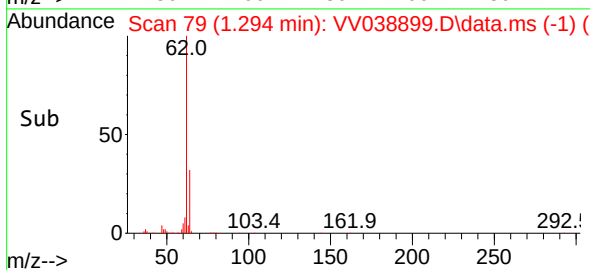
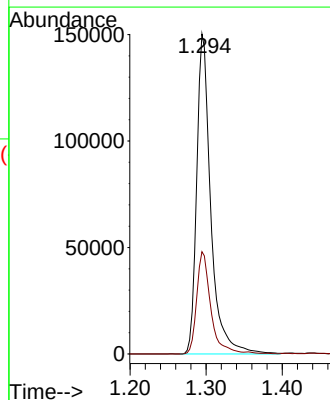
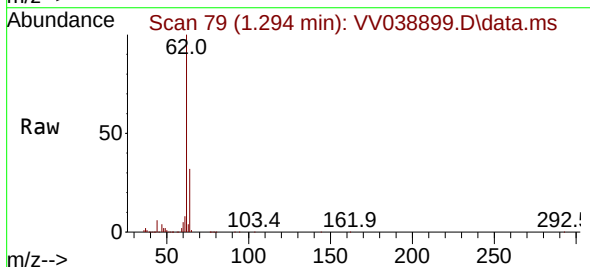
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

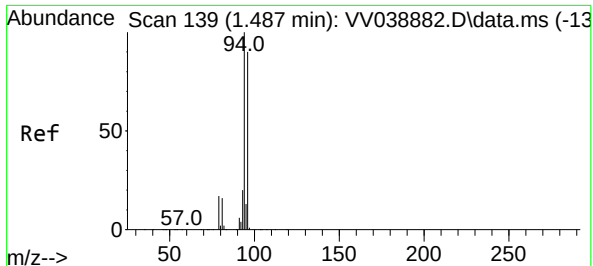
Tgt Ion: 50 Resp: 157831
Ion Ratio Lower Upper
50 100
52 33.9 26.9 40.3



#4
Vinyl Chloride
Concen: 41.045 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 62 Resp: 193530
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

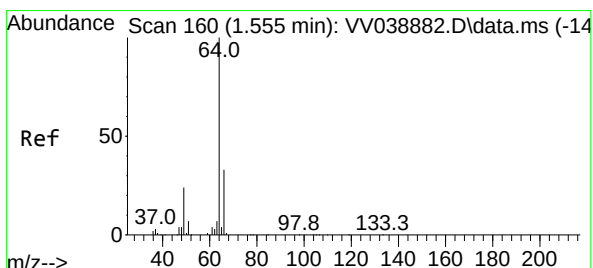
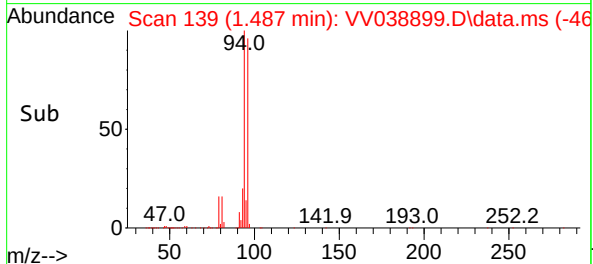
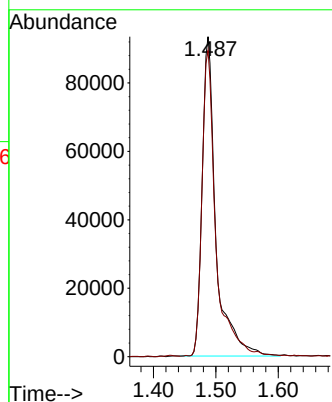
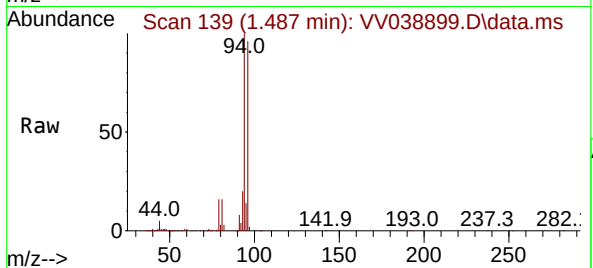




#5
Bromomethane
Concen: 40.429 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

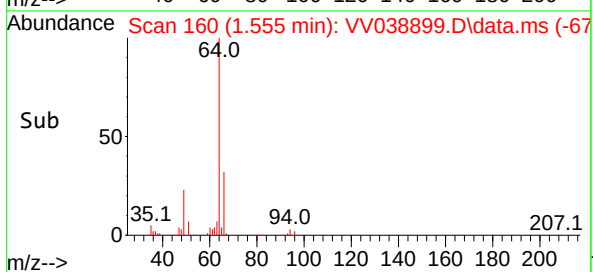
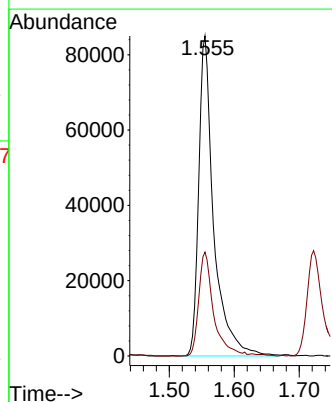
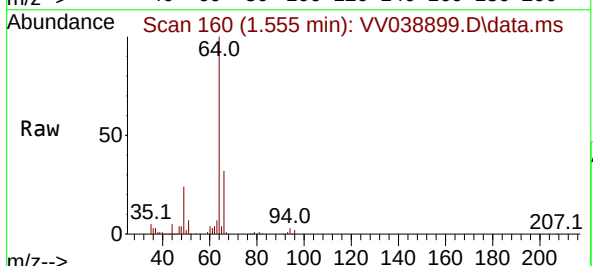
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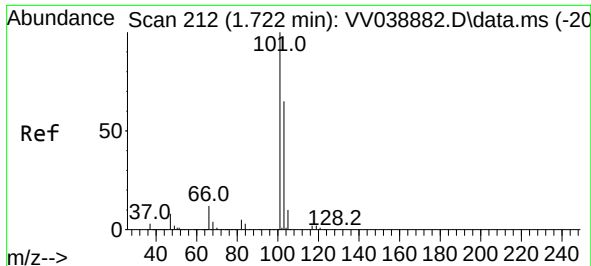
Tgt Ion: 94 Resp: 142931
Ion Ratio Lower Upper
94 100
96 95.7 71.9 107.9



#6
Chloroethane
Concen: 43.245 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 64 Resp: 136288
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.2

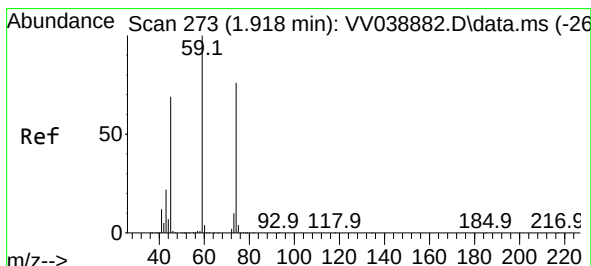
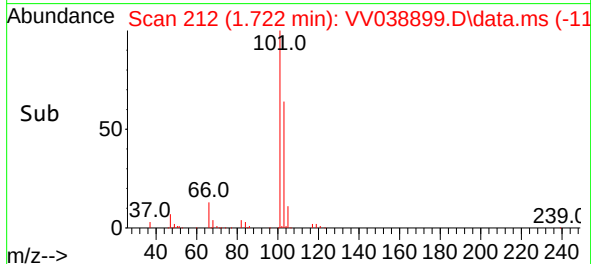
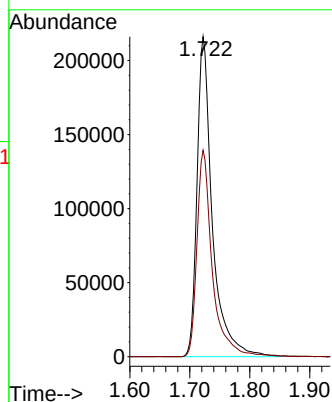
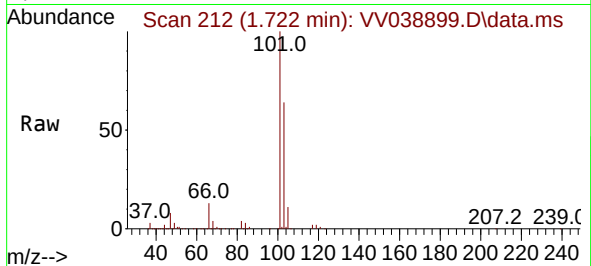




#7
Trichlorofluoromethane
Concen: 46.036 ug/l
RT: 1.722 min Scan# 212
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

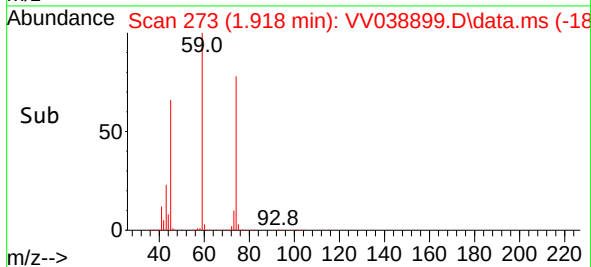
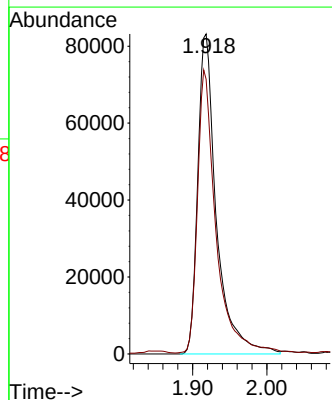
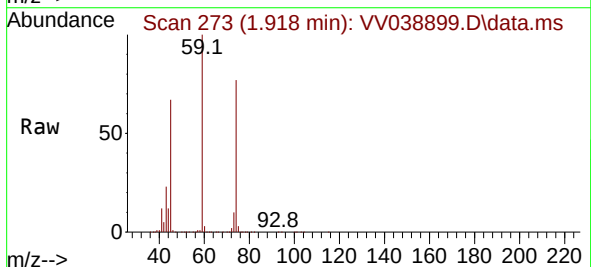
Instrument :
MSVOA_V
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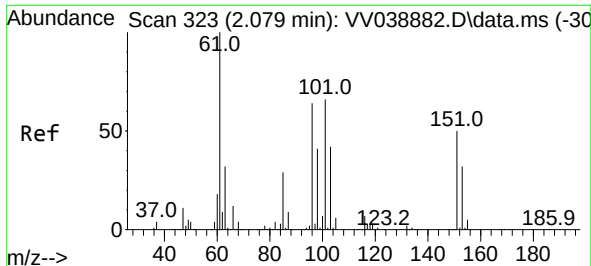
Tgt Ion:101 Resp: 384058
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6



#8
Diethyl Ether
Concen: 48.622 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 74 Resp: 145870
Ion Ratio Lower Upper
74 100
45 87.6 45.5 136.5

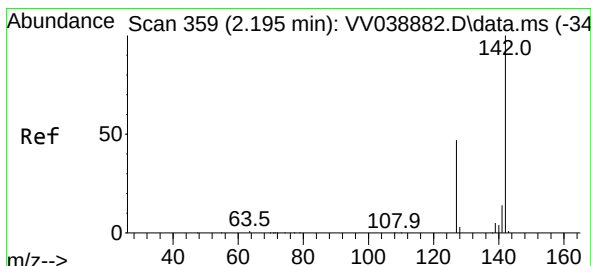
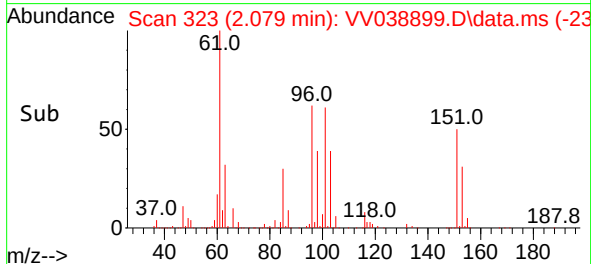
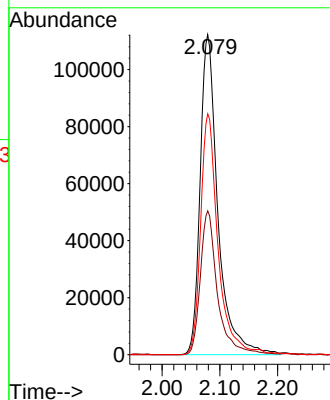
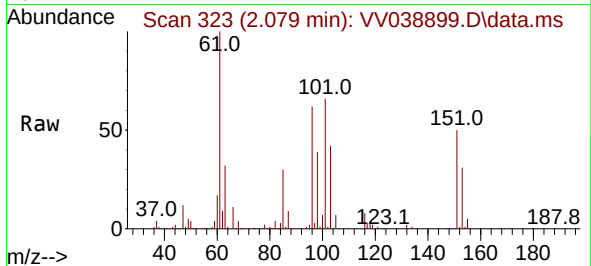




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.112 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

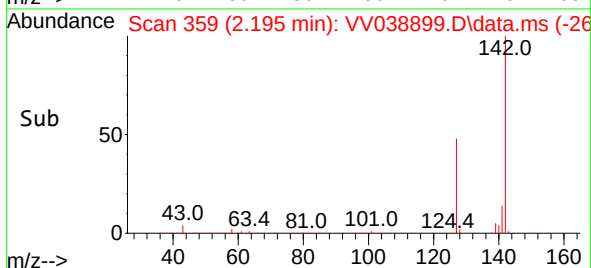
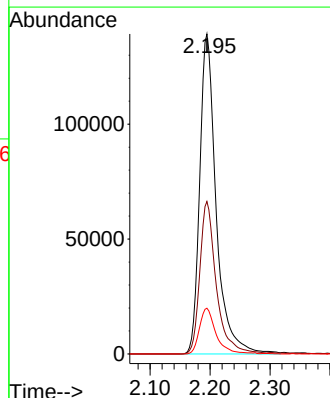
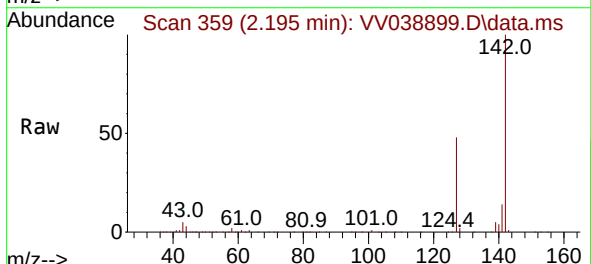
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

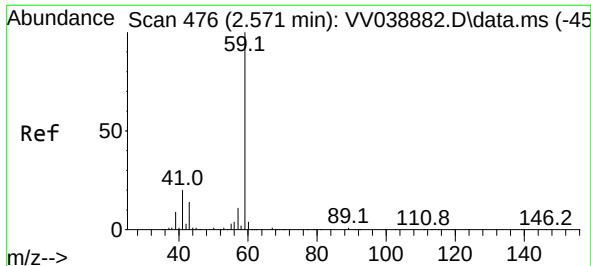
Tgt Ion:101 Resp: 240000
Ion Ratio Lower Upper
101 100
85 43.5 35.0 52.6
151 73.7 60.1 90.1



#10
Methyl Iodide
Concen: 46.551 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:142 Resp: 266596
Ion Ratio Lower Upper
142 100
127 47.6 37.3 55.9
141 14.4 11.2 16.8

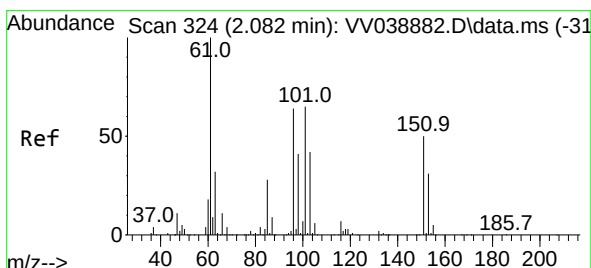
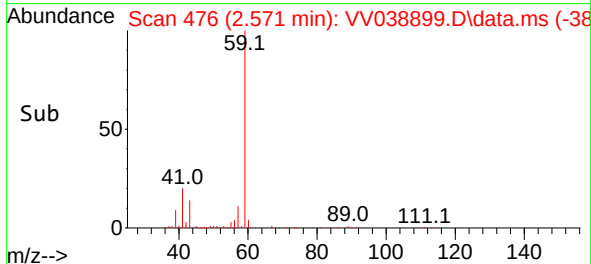
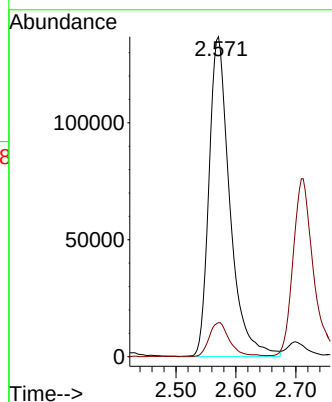
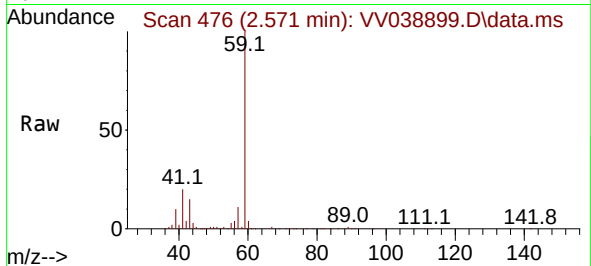




#11
Tert butyl alcohol
Concen: 270.109 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

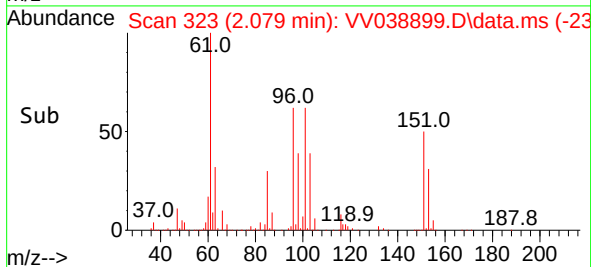
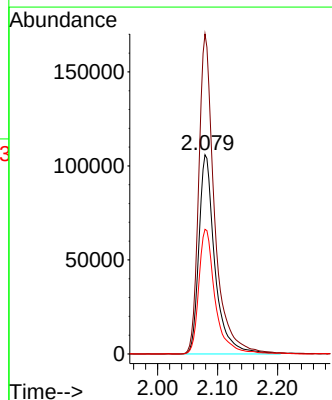
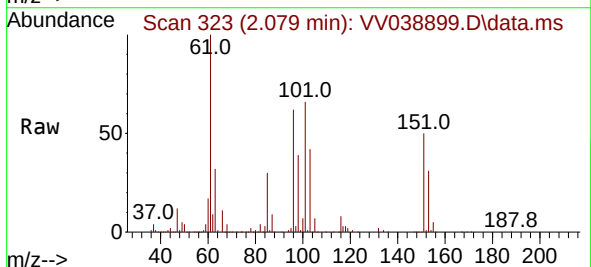
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

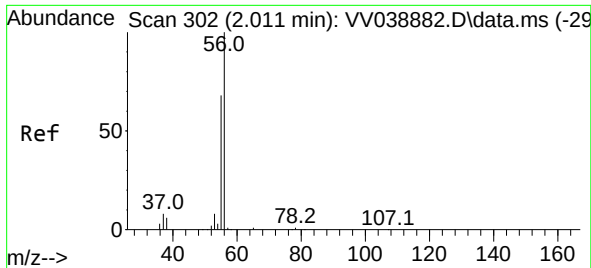
Tgt Ion: 59 Resp: 329888
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 43.500 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 96 Resp: 197720
Ion Ratio Lower Upper
96 100
61 160.6 124.1 186.1
98 62.6 50.6 75.8





#13

Acrolein

Concen: 240.287 ug/l

RT: 2.008 min Scan# 302

Delta R.T. -0.003 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

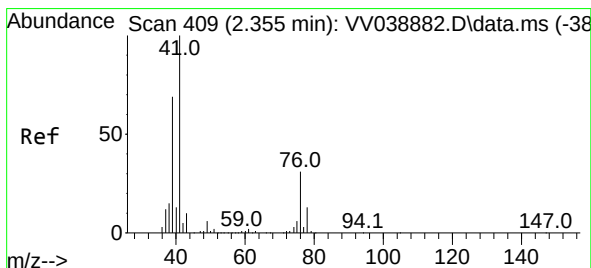
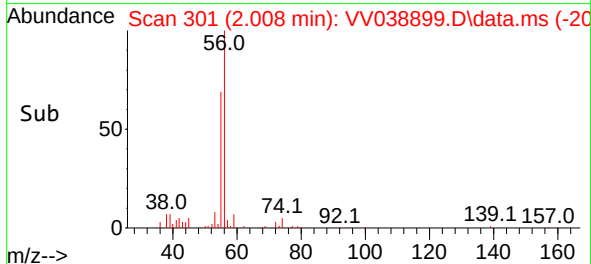
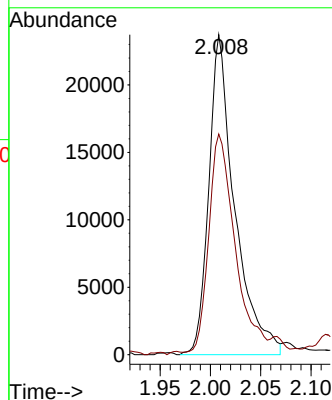
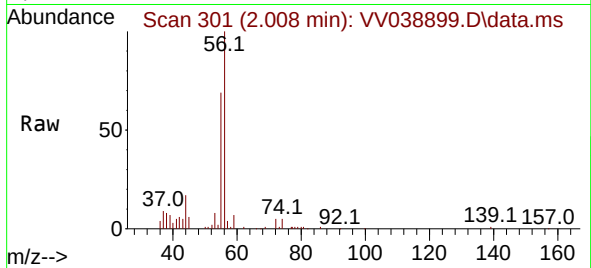
VSTDCCC050EC

Tgt Ion: 56 Resp: 42439

Ion Ratio Lower Upper

56 100

55 68.6 56.7 85.1



#14

Allyl chloride

Concen: 48.032 ug/l

RT: 2.355 min Scan# 409

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

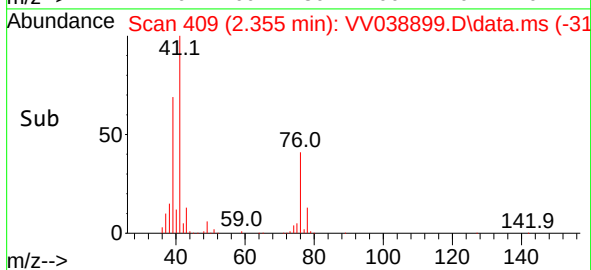
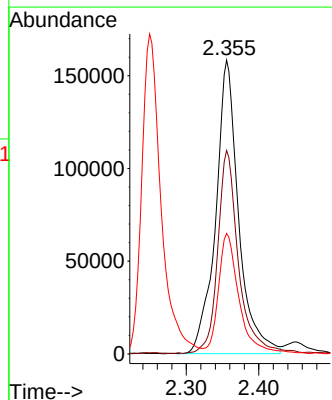
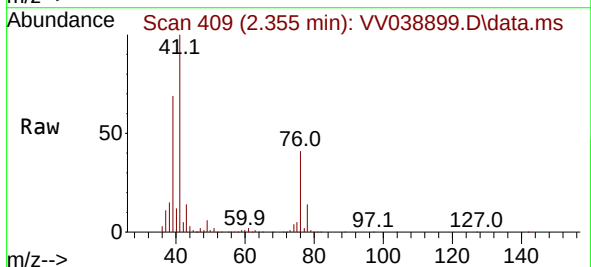
Tgt Ion: 41 Resp: 347814

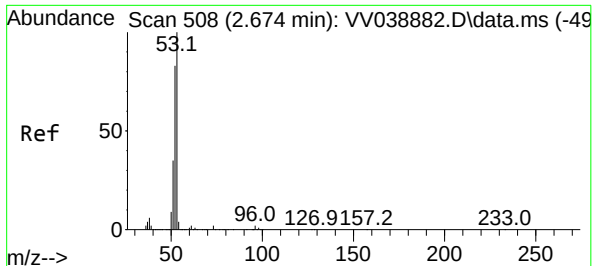
Ion Ratio Lower Upper

41 100

39 62.7 50.6 76.0

76 36.6 30.4 45.6

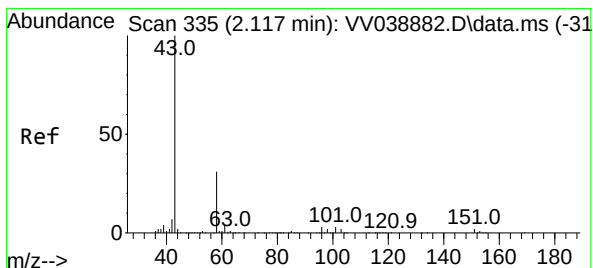
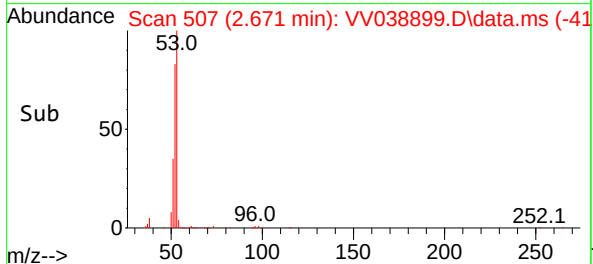
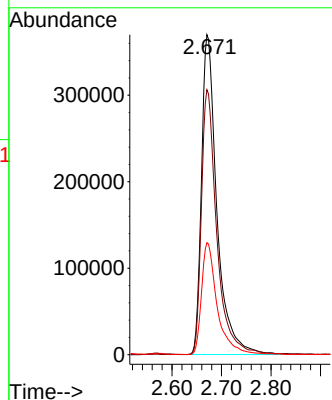
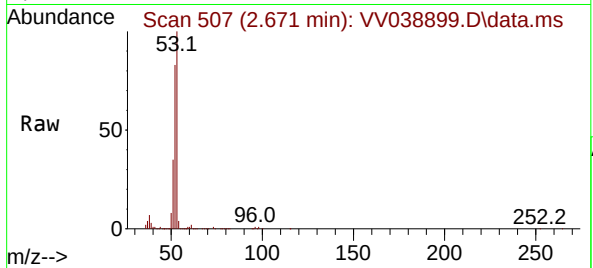




#15
Acrylonitrile
Concen: 256.707 ug/l
RT: 2.671 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

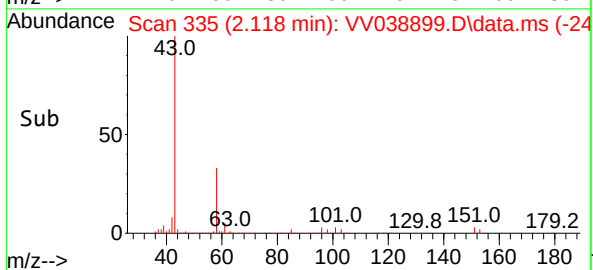
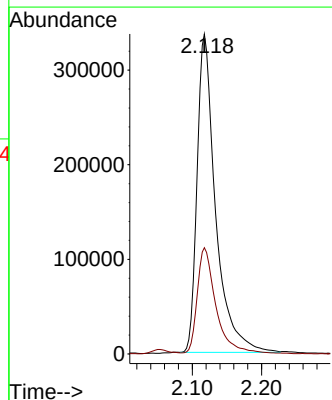
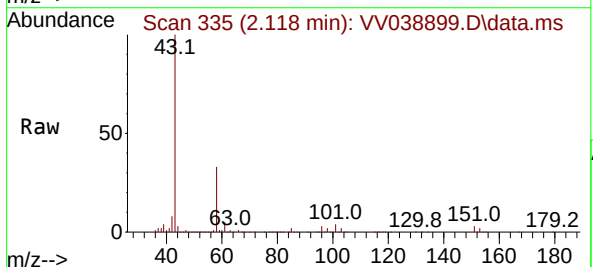
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

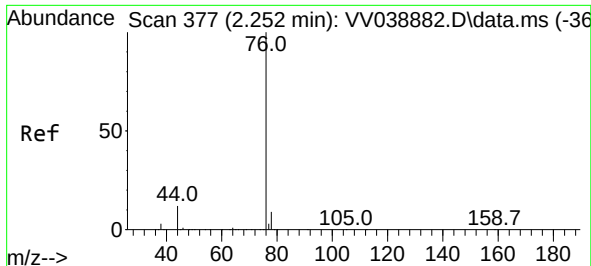
Tgt Ion: 53 Resp: 802302
Ion Ratio Lower Upper
53 100
52 82.6 66.6 99.8
51 35.4 28.7 43.1



#16
Acetone
Concen: 272.393 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 43 Resp: 625286
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6

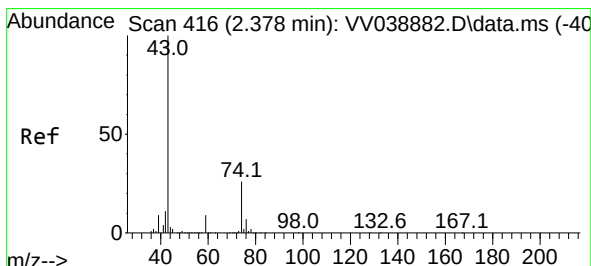
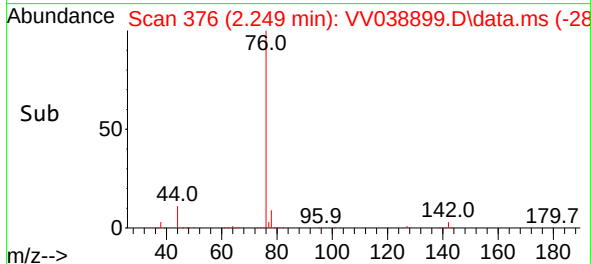
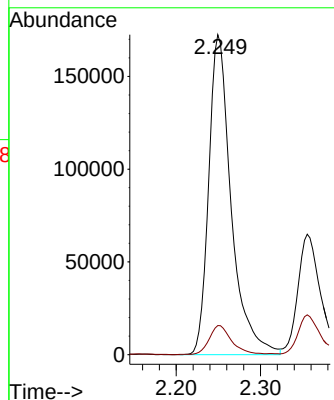
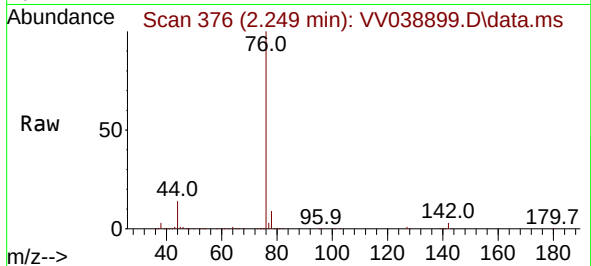




#17
Carbon Disulfide
Concen: 33.758 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

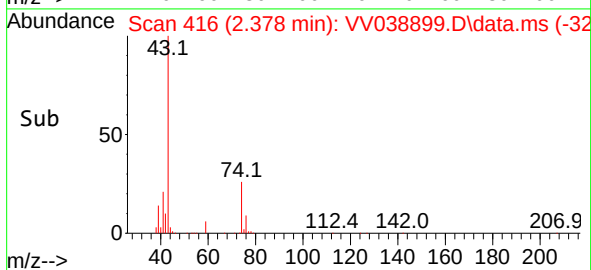
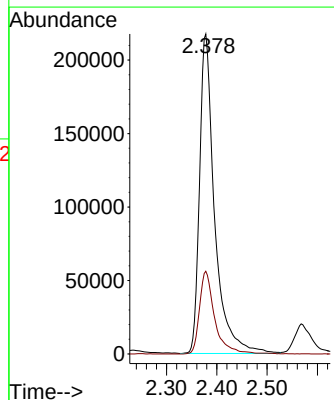
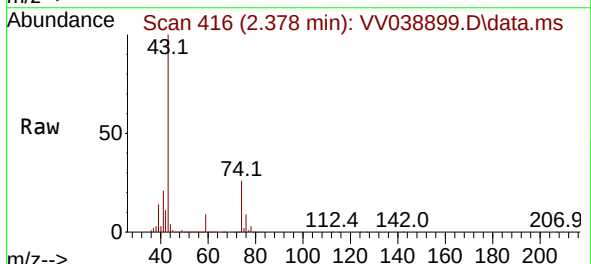
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

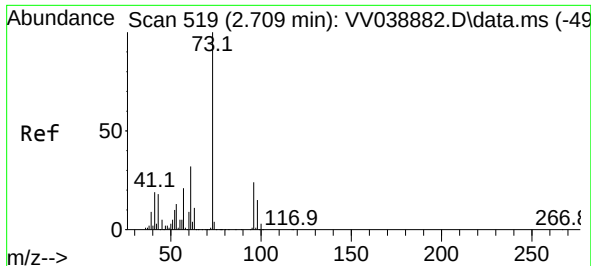
Tgt Ion: 76 Resp: 320142
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 58.264 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 43 Resp: 452520
Ion Ratio Lower Upper
43 100
74 26.3 21.1 31.7

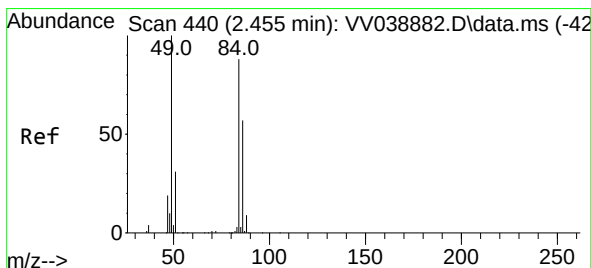
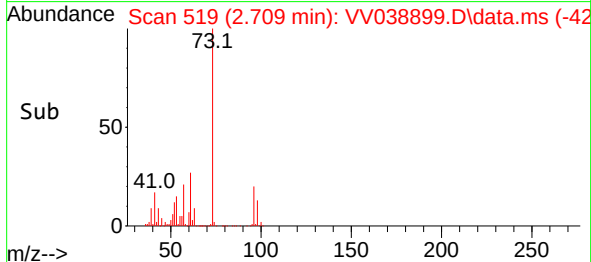
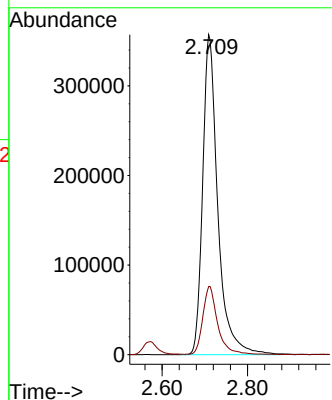
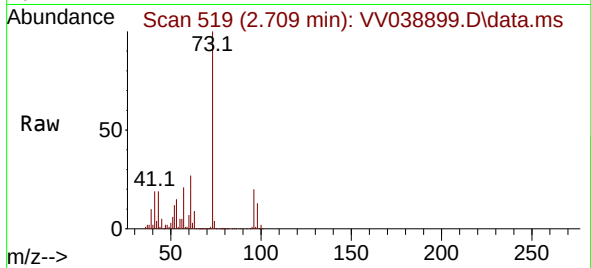




#19
Methyl tert-butyl Ether
Concen: 51.390 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

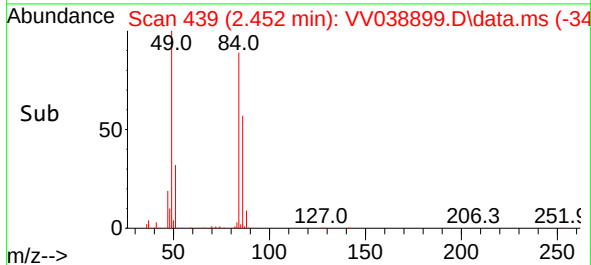
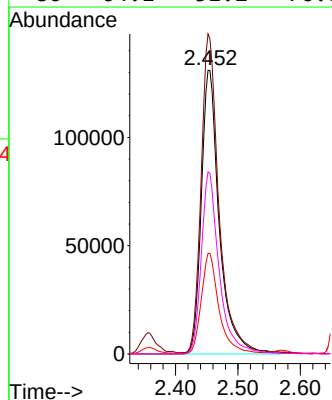
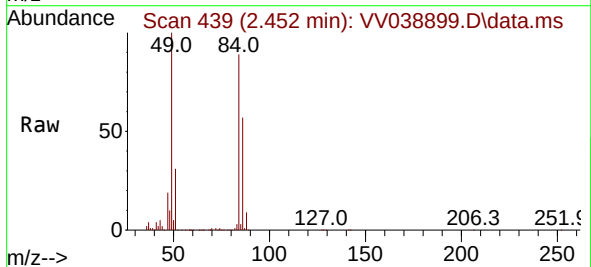
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

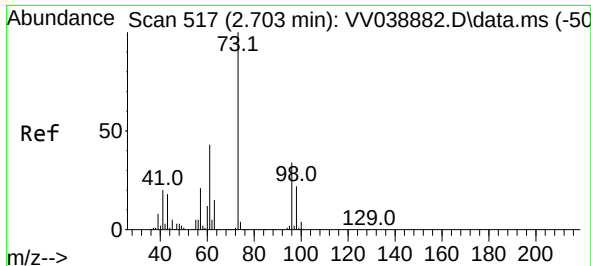
Tgt Ion: 73 Resp: 875785
Ion Ratio Lower Upper
73 100
57 21.2 16.5 24.7



#20
Methylene Chloride
Concen: 45.074 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 84 Resp: 262492
Ion Ratio Lower Upper
84 100
49 112.3 90.5 135.7
51 35.4 27.8 41.6
86 64.1 51.2 76.8

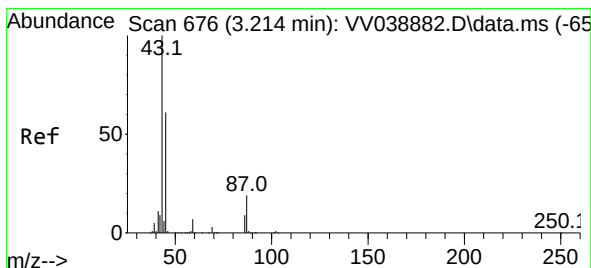
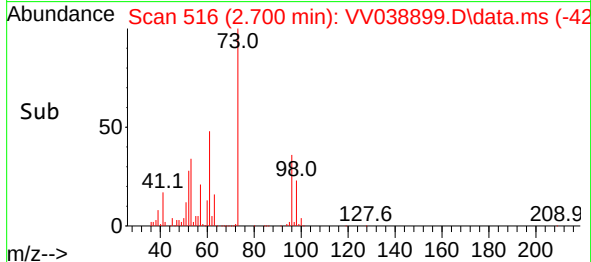
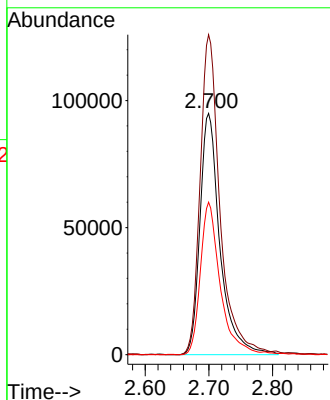
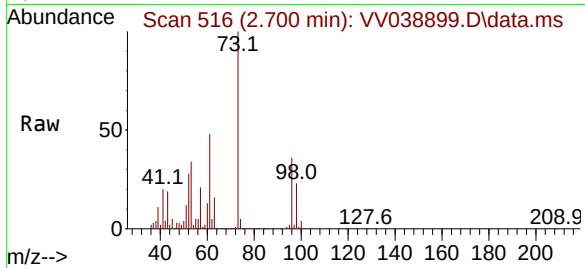




#21
trans-1,2-Dichloroethene
Concen: 42.859 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

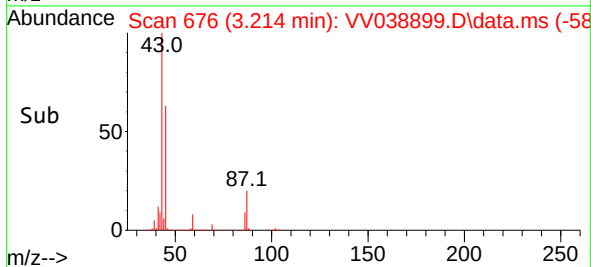
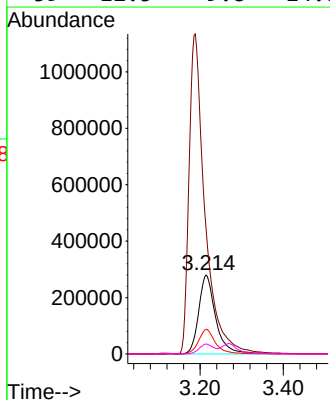
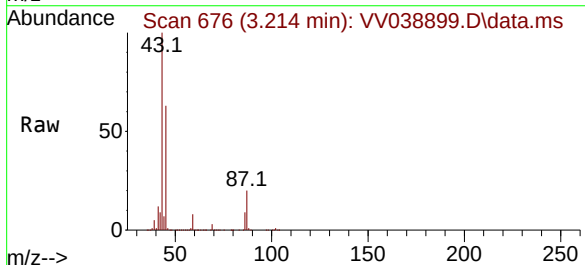
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

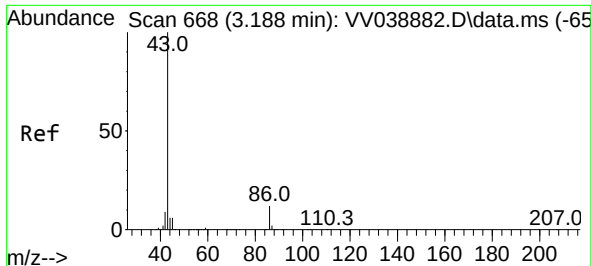
Tgt Ion: 96 Resp: 207271
Ion Ratio Lower Upper
96 100
61 132.6 102.0 153.0
98 63.2 51.0 76.6



#22
Diisopropyl ether
Concen: 54.613 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 45 Resp: 790197
Ion Ratio Lower Upper
45 100
43 159.4 132.1 198.1
87 31.2 25.0 37.4
59 12.5 9.8 14.8

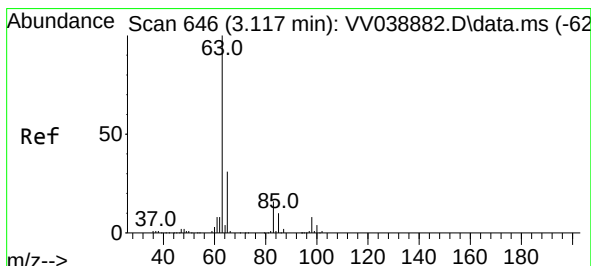
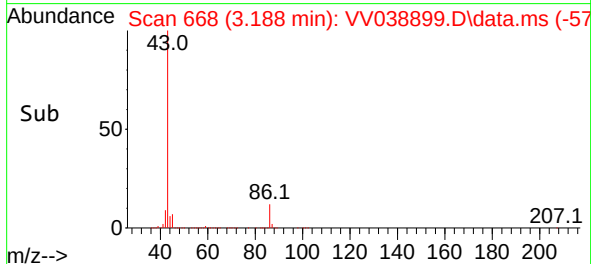
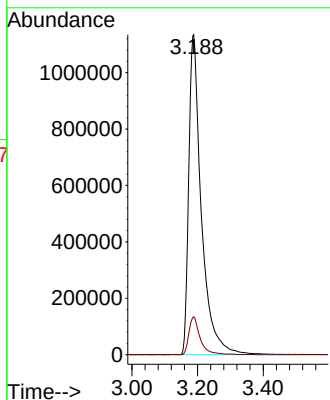
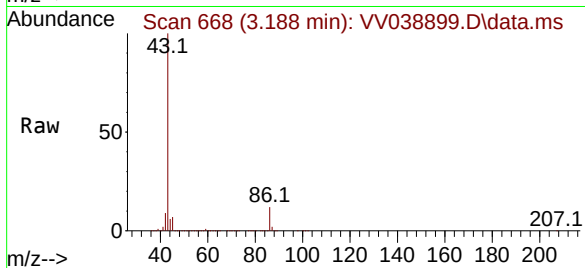




#23
 Vinyl Acetate
 Concen: 266.660 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

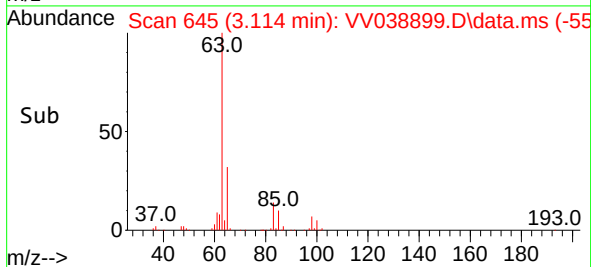
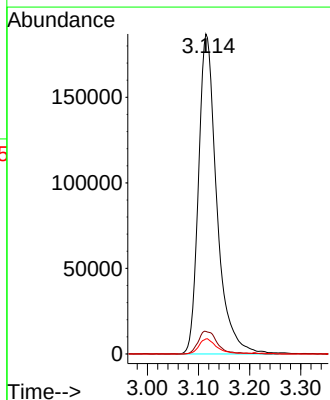
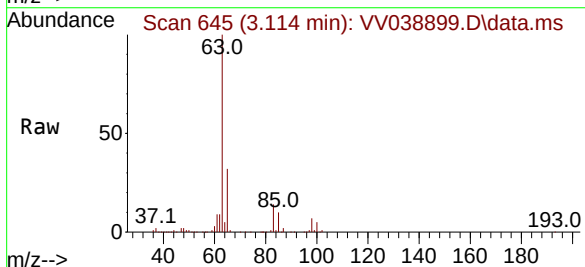
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

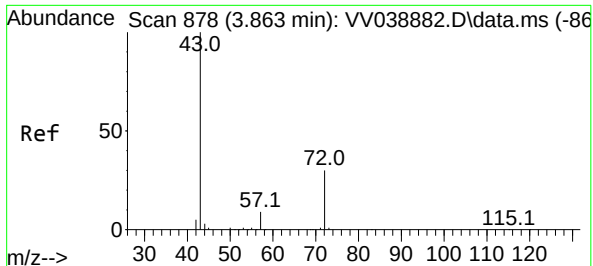
Tgt Ion: 43 Resp: 3025288
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 49.055 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

Tgt Ion: 63 Resp: 464838
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.7 2.2 6.6

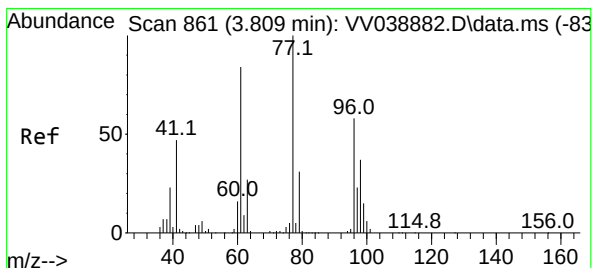
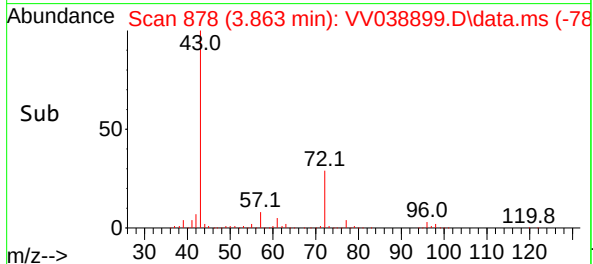
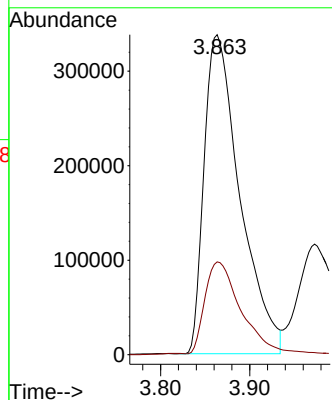
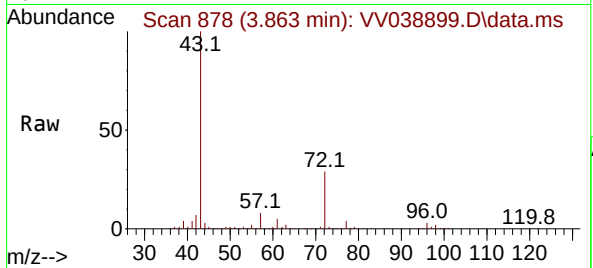




#25
2-Butanone
Concen: 287.728 ug/l
RT: 3.863 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

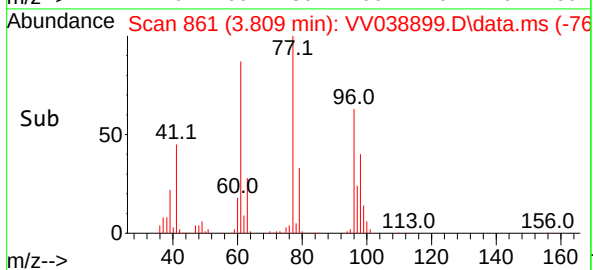
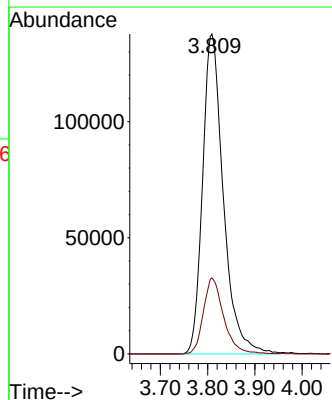
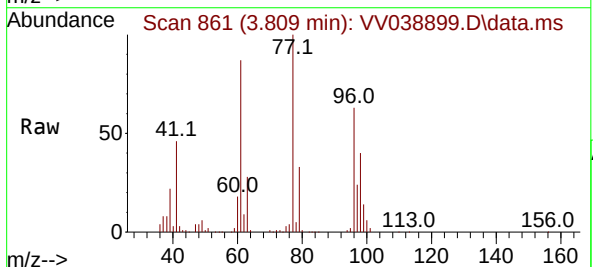
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

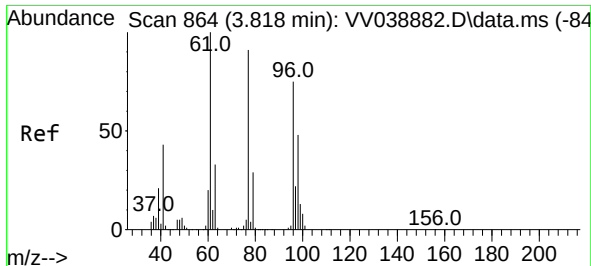
Tgt Ion: 43 Resp: 946688
Ion Ratio Lower Upper
43 100
72 28.7 23.9 35.9



#26
2,2-Dichloropropane
Concen: 50.682 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 77 Resp: 420465
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2



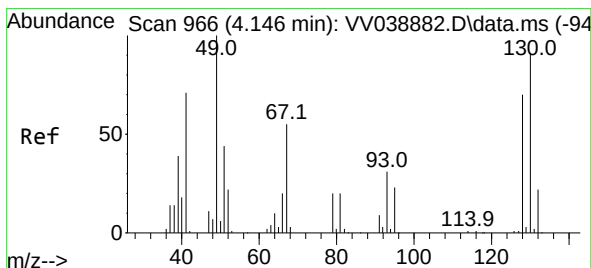
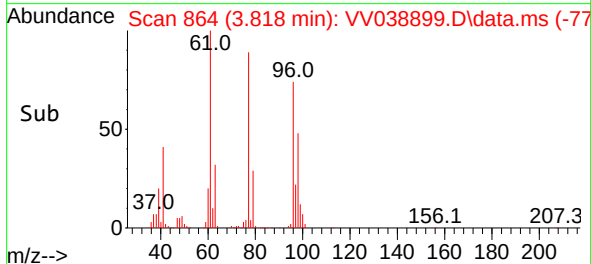
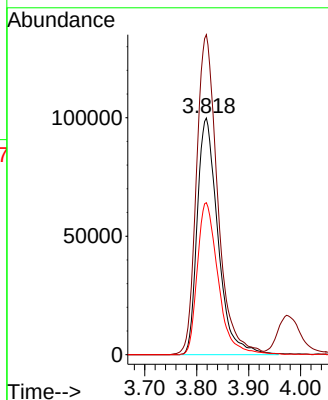
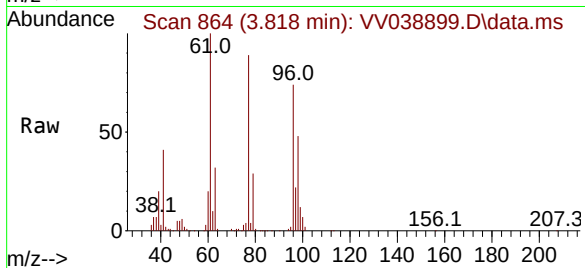


#27
 cis-1,2-Dichloroethene
 Concen: 49.759 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 276327

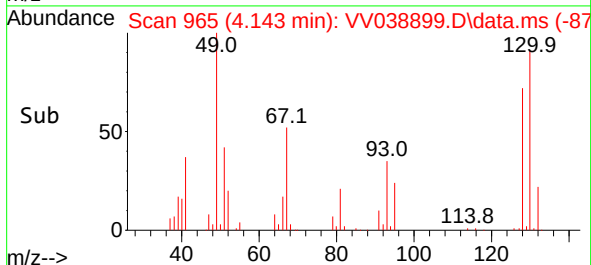
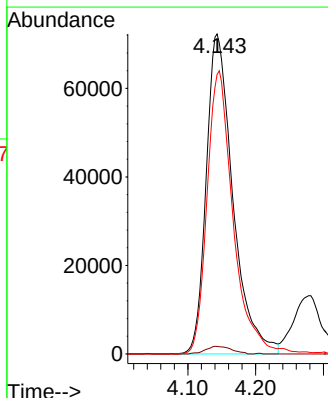
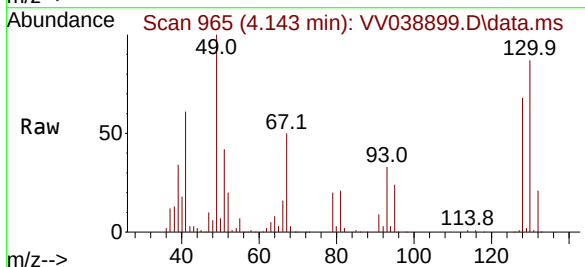
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	275.0
98	65.0	0.0	130.0

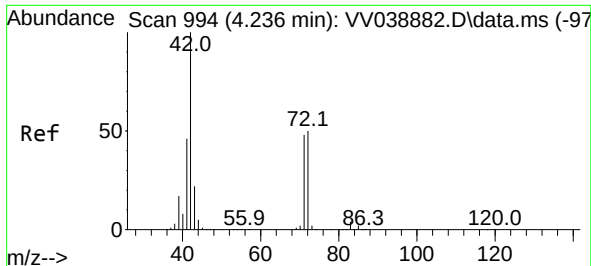


#28
 Bromochloromethane
 Concen: 53.866 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

Tgt Ion: 49 Resp: 197566

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	85.6	70.1	105.1





#29

Tetrahydrofuran

Concen: 281.142 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

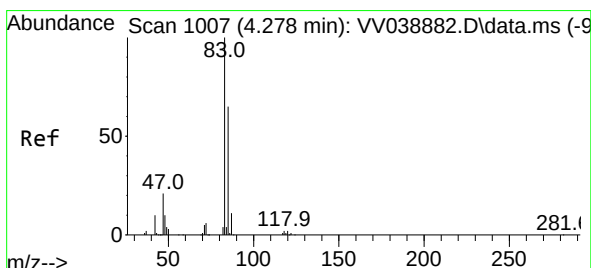
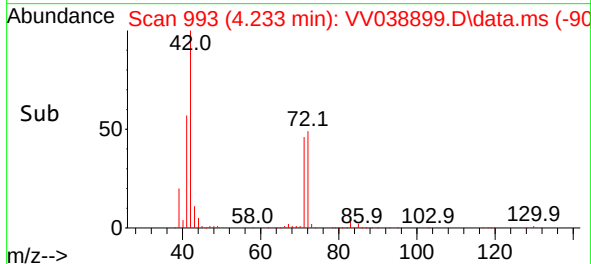
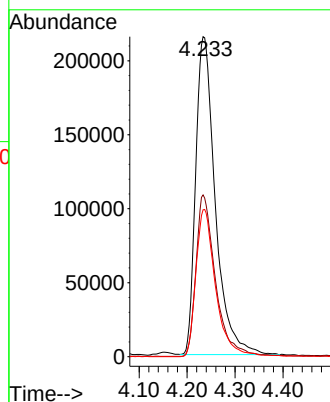
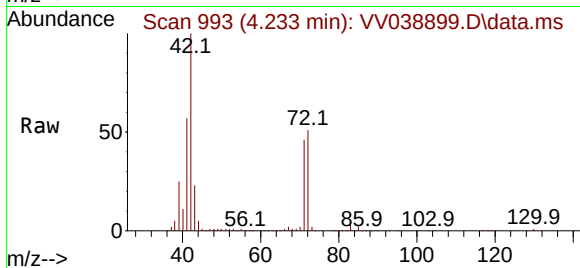
Tgt Ion: 42 Resp: 609657

Ion Ratio Lower Upper

42 100

72 50.5 41.6 62.4

71 46.6 38.4 57.6



#30

Chloroform

Concen: 49.395 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038899.D

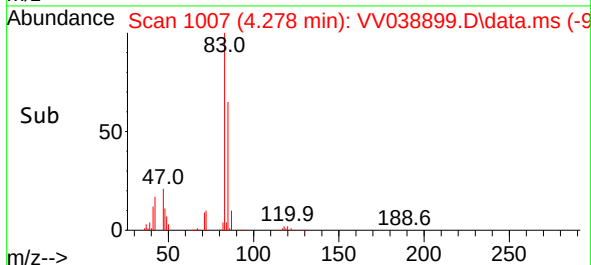
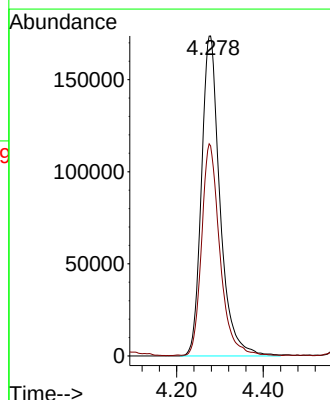
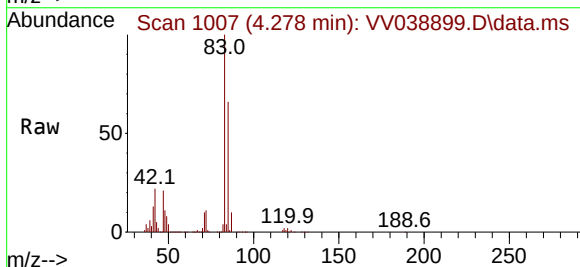
Acq: 15 Jul 2025 13:44

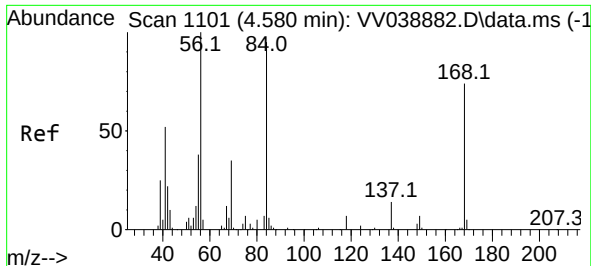
Tgt Ion: 83 Resp: 516028

Ion Ratio Lower Upper

83 100

85 65.5 52.2 78.4

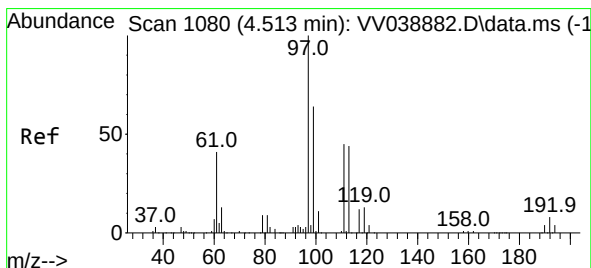
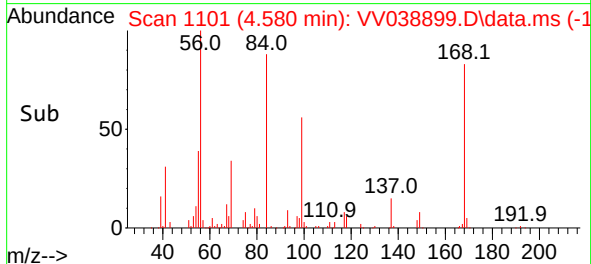
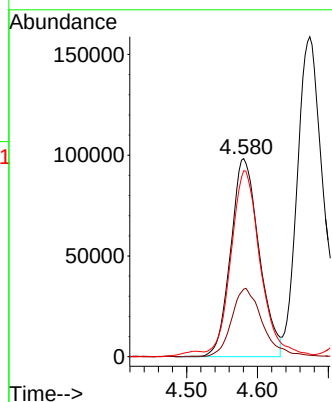
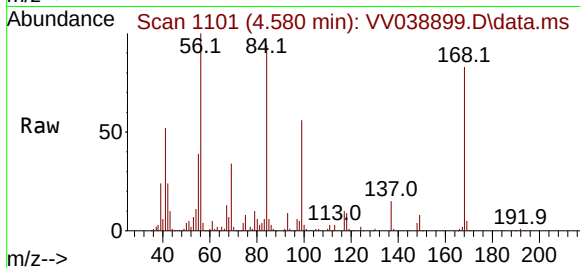




#31
Cyclohexane
Concen: 44.123 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

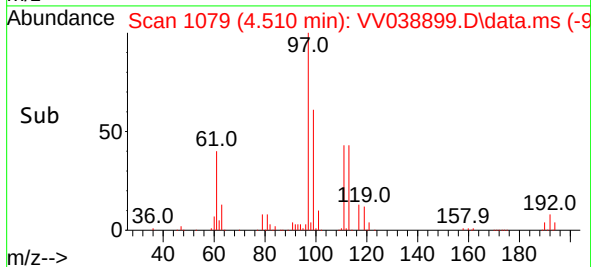
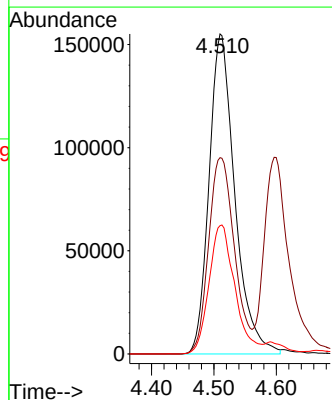
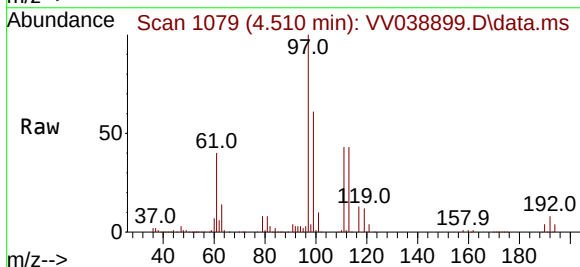
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

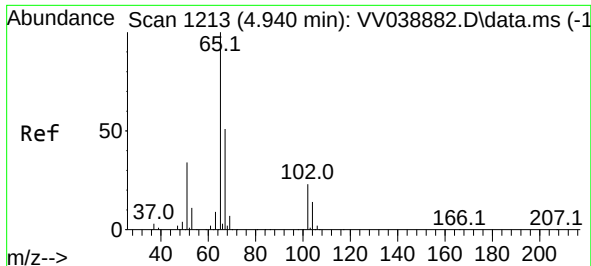
Tgt Ion: 56 Resp: 274427
Ion Ratio Lower Upper
56 100
69 34.1 28.2 42.2
84 92.6 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 48.824 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 97 Resp: 445037
Ion Ratio Lower Upper
97 100
99 61.5 50.1 75.1
61 40.6 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 45.360 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

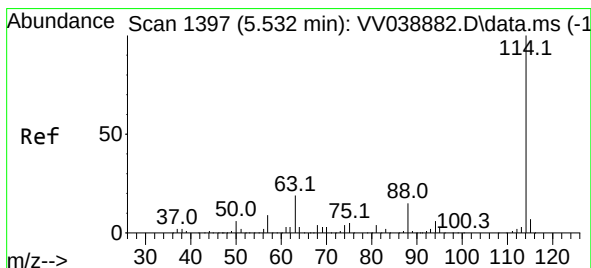
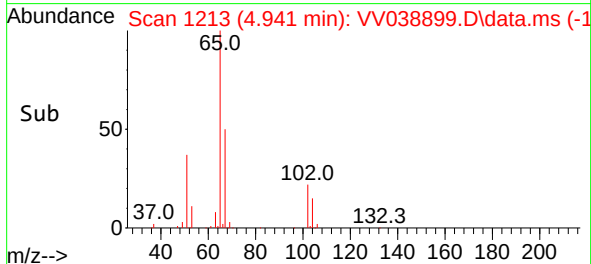
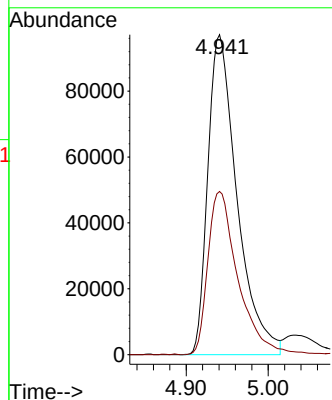
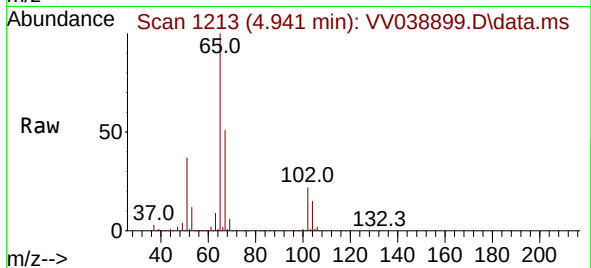
VSTDCCC050EC

Tgt Ion: 65 Resp: 240626

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

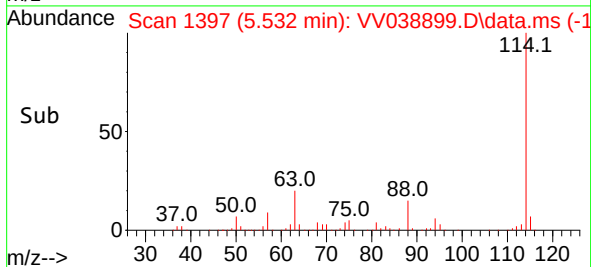
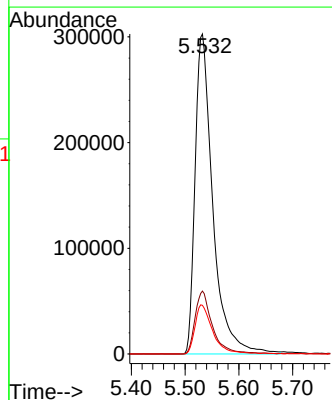
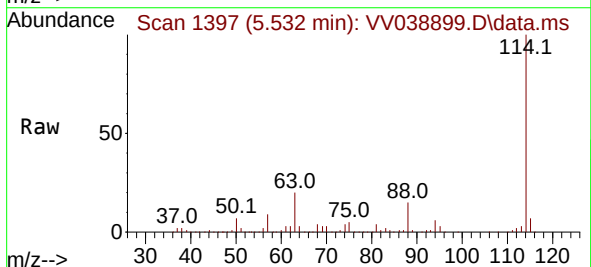
Tgt Ion: 114 Resp: 693584

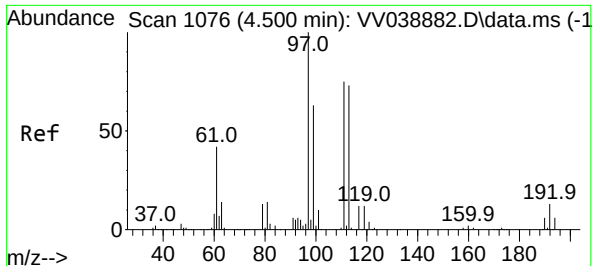
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.2 0.0 30.8

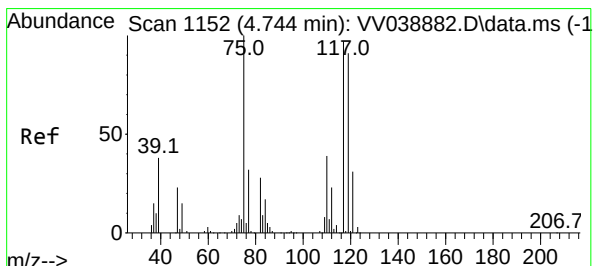
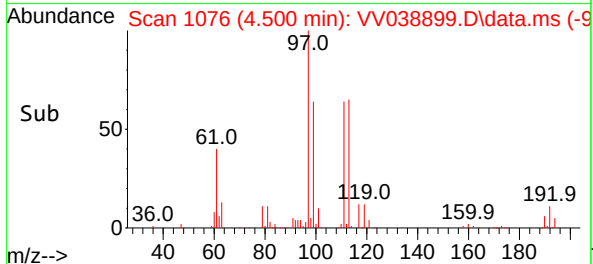
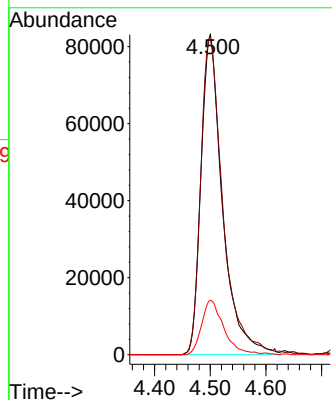
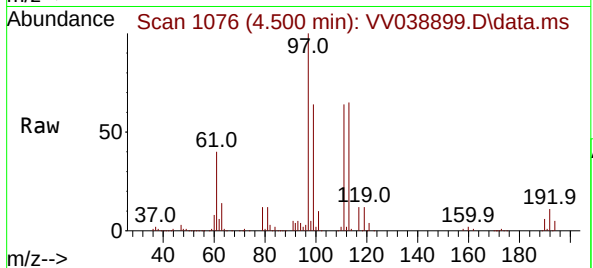




#35
Dibromofluoromethane
Concen: 47.219 ug/l
RT: 4.500 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

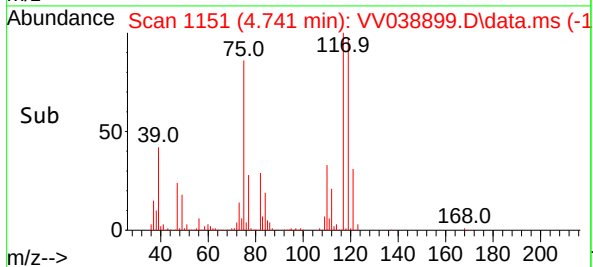
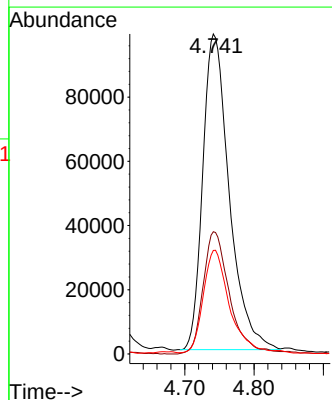
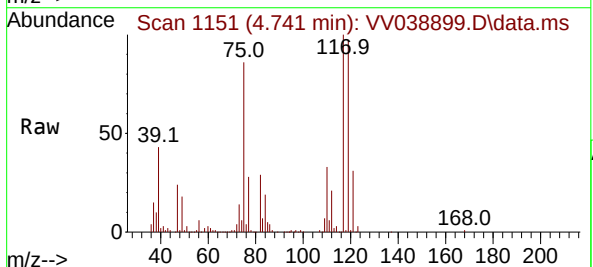
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

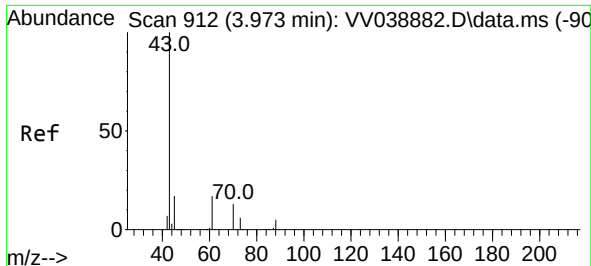
Tgt Ion:113 Resp: 223293
Ion Ratio Lower Upper
113 100
111 101.9 83.3 124.9
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 48.000 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 75 Resp: 260865
Ion Ratio Lower Upper
75 100
110 38.0 18.8 56.3
77 31.6 24.2 36.4

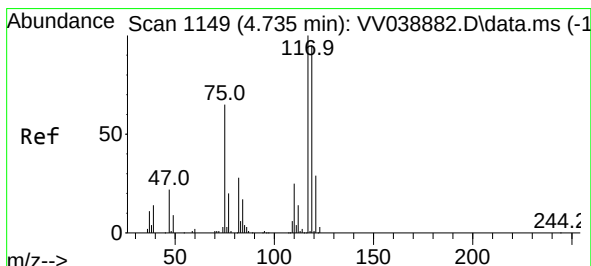
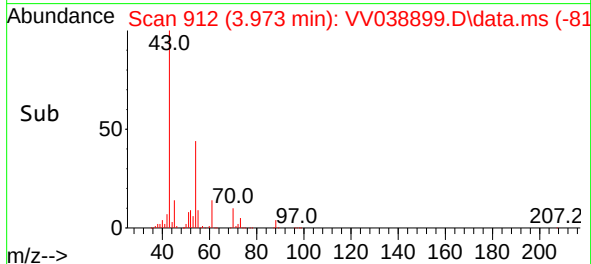
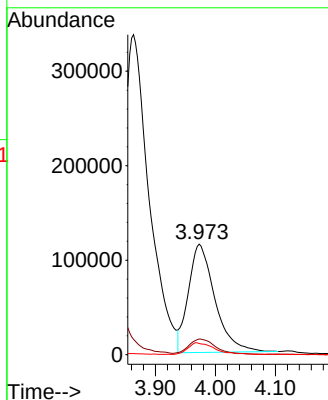
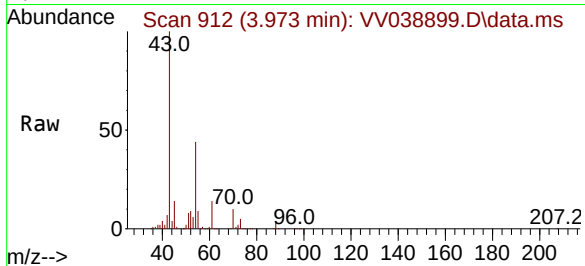




#37
Ethyl Acetate
Concen: 55.060 ug/l
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

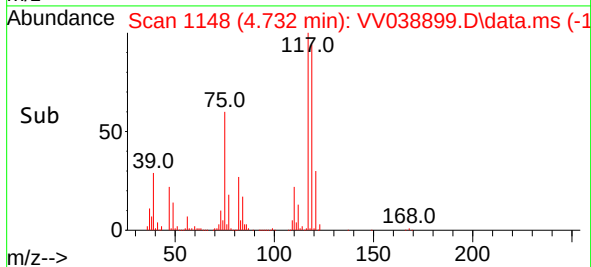
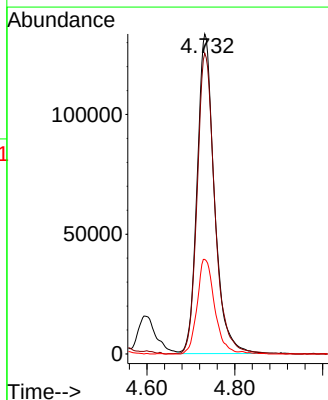
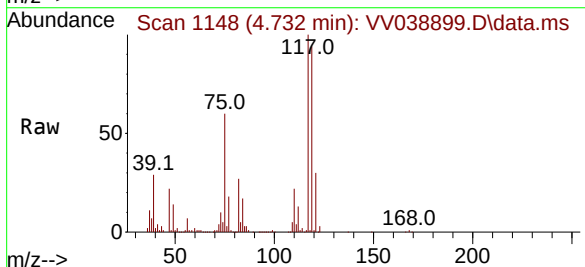
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

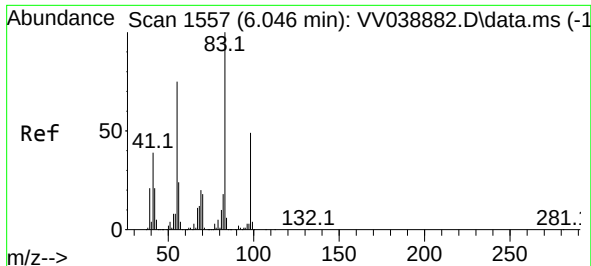
Tgt Ion: 43 Resp: 352312
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 10.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.360 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 117 Resp: 363551
Ion Ratio Lower Upper
117 100
119 94.0 76.0 114.0
121 29.6 23.1 34.7





#39

Methylcyclohexane

Concen: 47.425 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

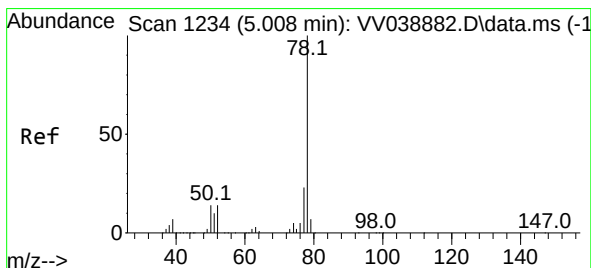
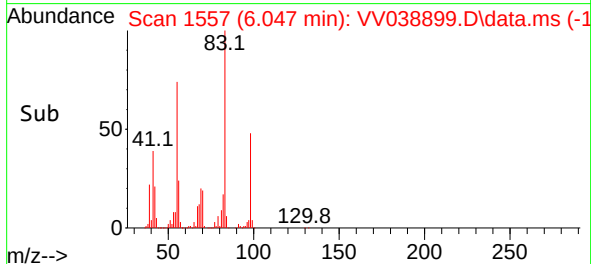
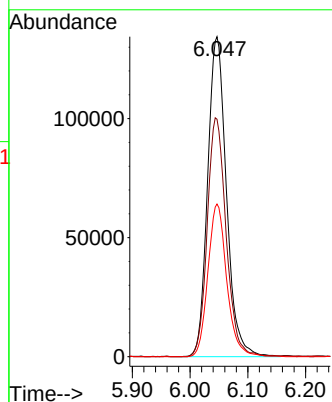
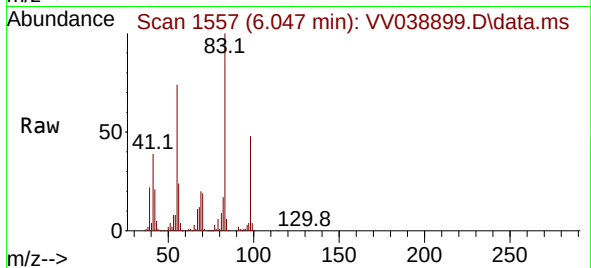
Tgt Ion: 83 Resp: 304117

Ion Ratio Lower Upper

83 100

55 74.2 60.0 90.0

98 47.7 39.0 58.6



#40

Benzene

Concen: 50.302 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038899.D

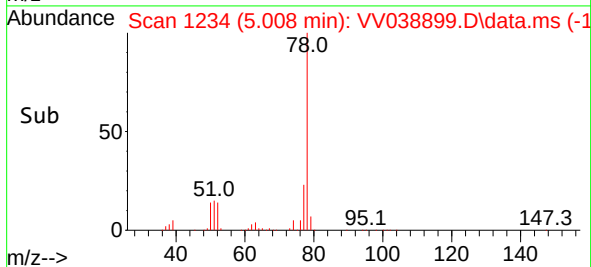
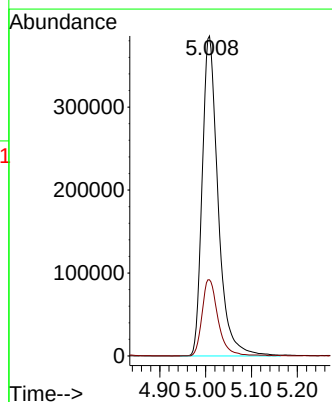
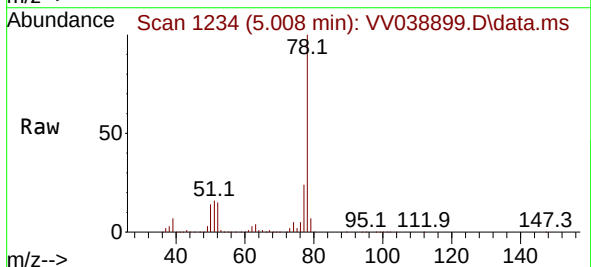
Acq: 15 Jul 2025 13:44

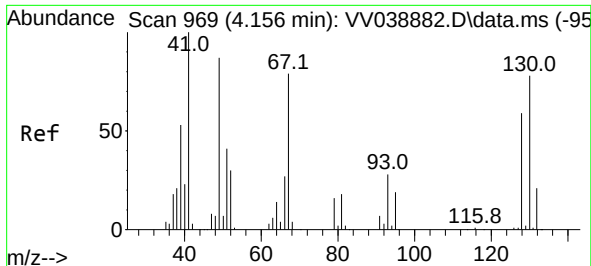
Tgt Ion: 78 Resp: 926738

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

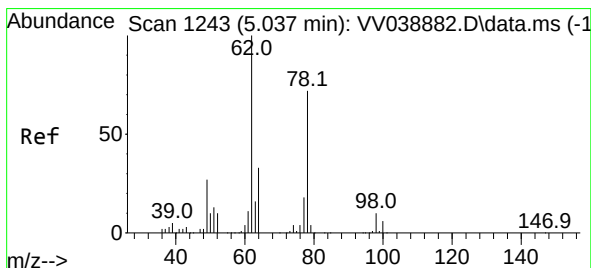
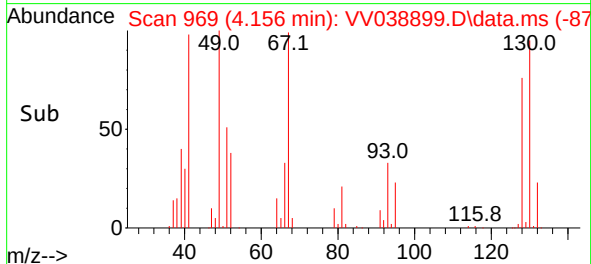
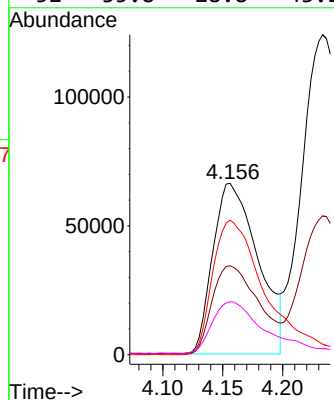
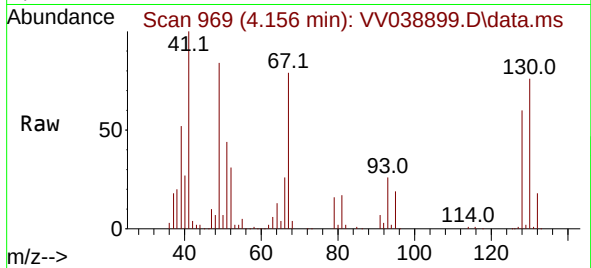




#41
Methacrylonitrile
Concen: 59.021 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

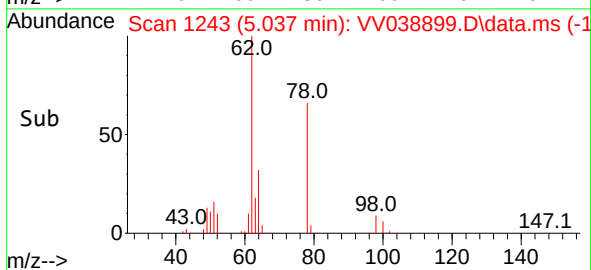
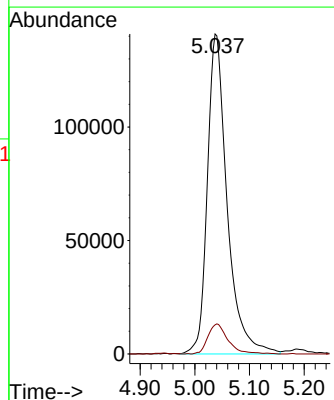
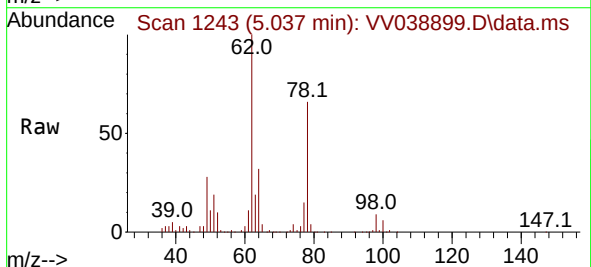
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

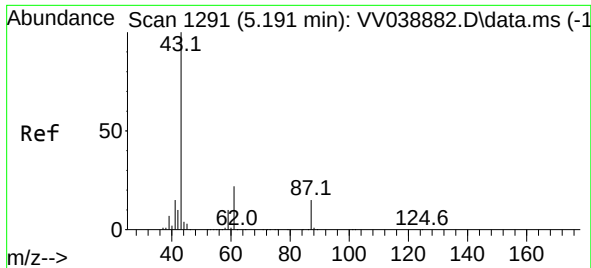
Tgt Ion: 41 Resp: 173324
Ion Ratio Lower Upper
41 100
39 53.0 42.0 63.0
67 92.3 76.2 114.2
52 35.8 28.8 43.2



#42
1,2-Dichloroethane
Concen: 50.428 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 62 Resp: 354128
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8

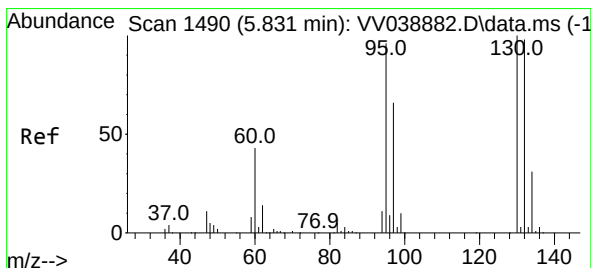
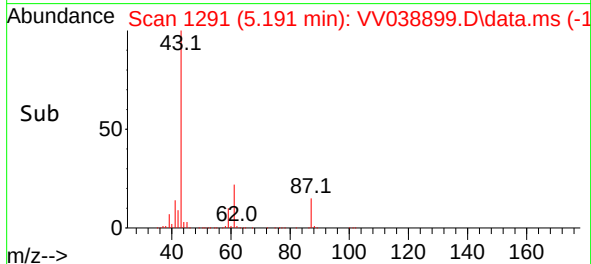
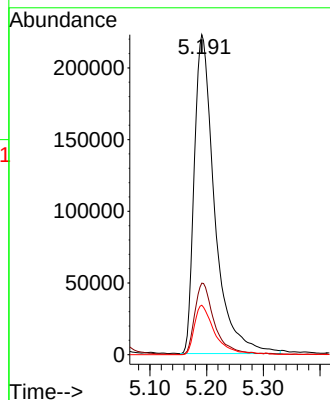
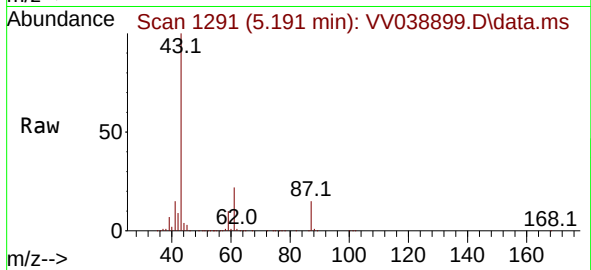




#43
Isopropyl Acetate
Concen: 54.823 ug/l
RT: 5.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

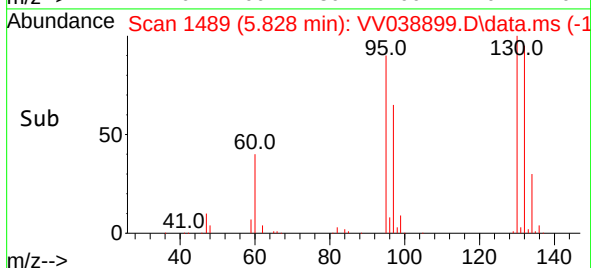
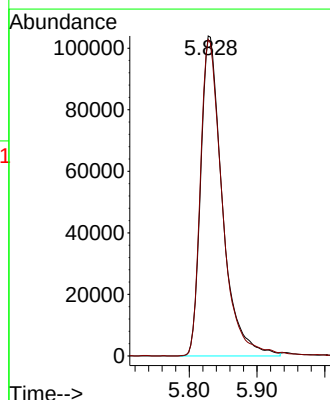
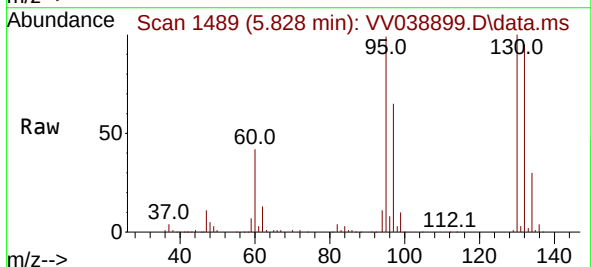
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

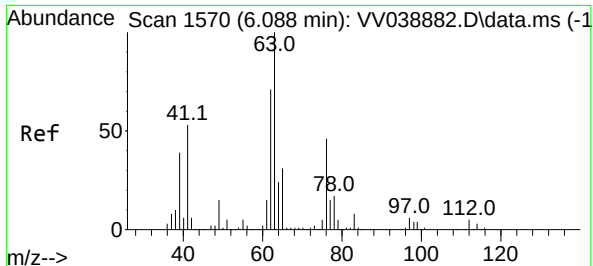
Tgt Ion: 43 Resp: 554788
Ion Ratio Lower Upper
43 100
61 21.4 17.1 25.7
87 15.2 12.2 18.4



#44
Trichloroethene
Concen: 47.806 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:130 Resp: 230149
Ion Ratio Lower Upper
130 100
95 98.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.485 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

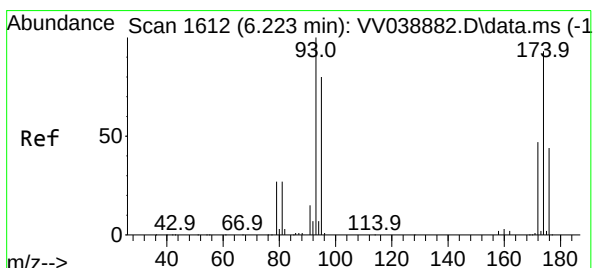
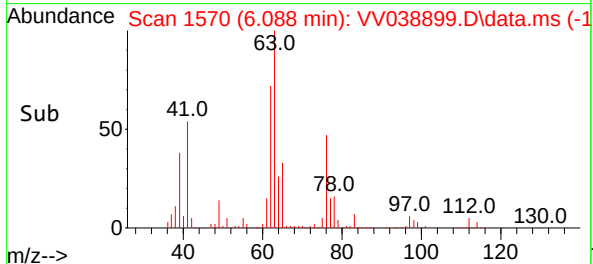
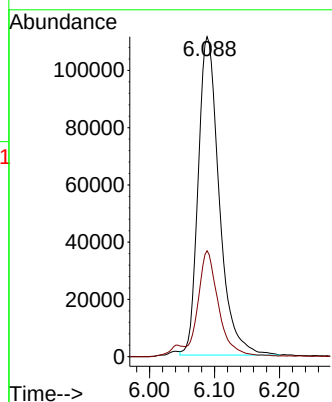
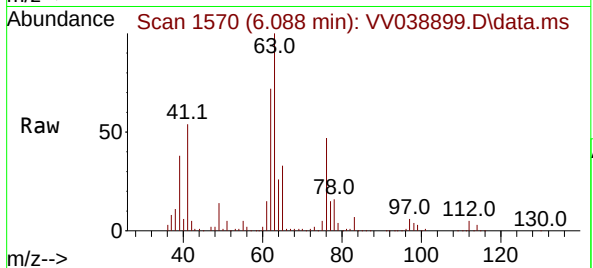
VSTDCCC050EC

Tgt Ion: 63 Resp: 250560

Ion Ratio Lower Upper

63 100

65 33.0 24.9 37.3



#46

Dibromomethane

Concen: 52.060 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

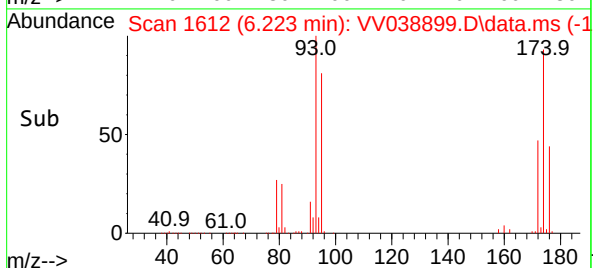
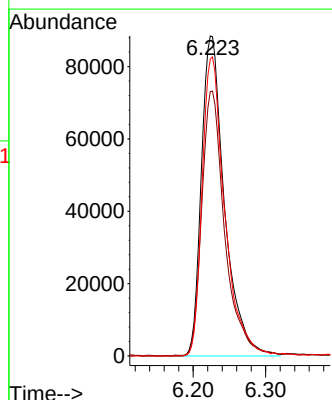
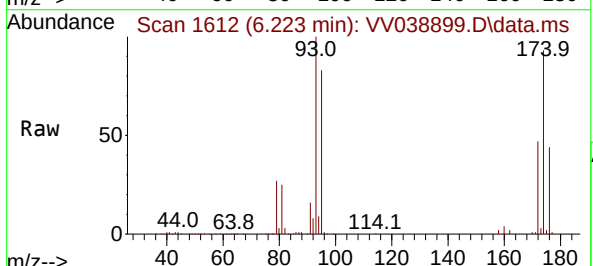
Tgt Ion: 93 Resp: 196030

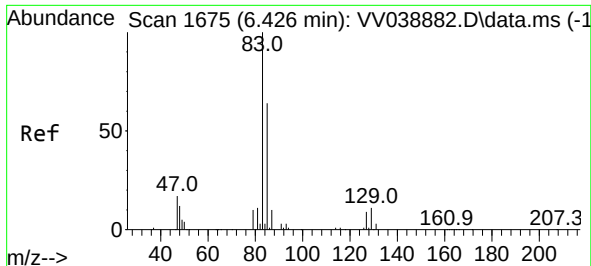
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 91.2 75.3 112.9

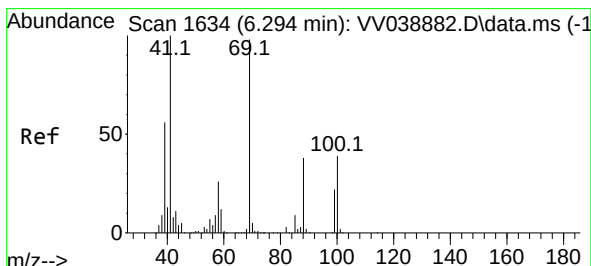
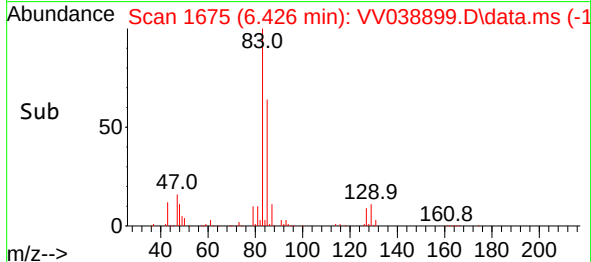
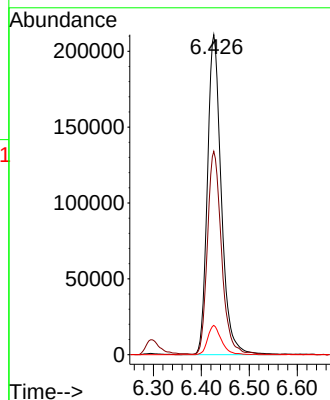
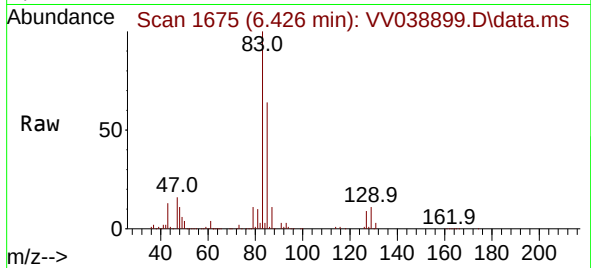




#47
Bromodichloromethane
Concen: 52.897 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

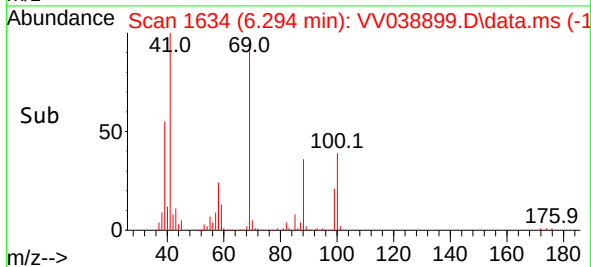
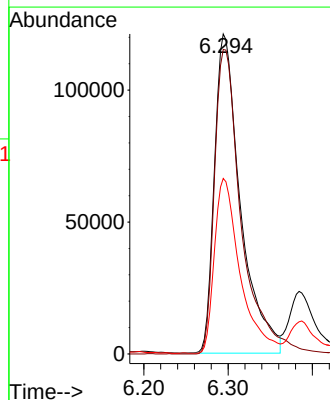
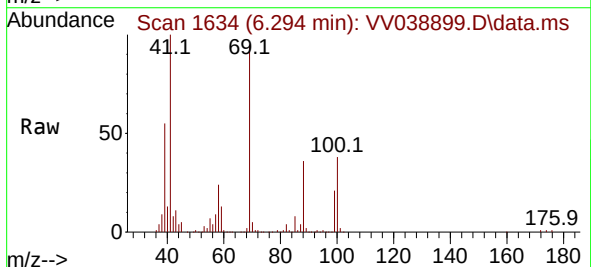
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

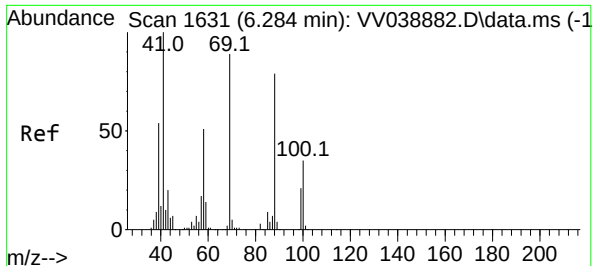
Tgt Ion: 83 Resp: 422717
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 9.1 6.9 10.3



#48
Methyl methacrylate
Concen: 59.133 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 41 Resp: 259703
Ion Ratio Lower Upper
41 100
69 98.9 79.4 119.2
39 54.1 44.0 66.0





#49

1,4-Dioxane

Concen: 1161.980 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

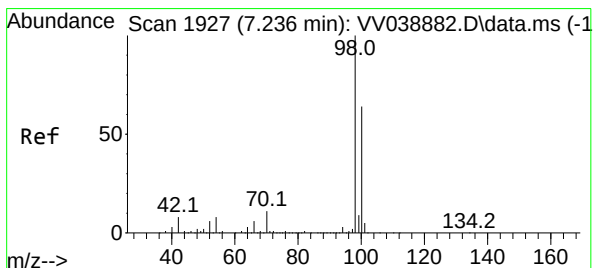
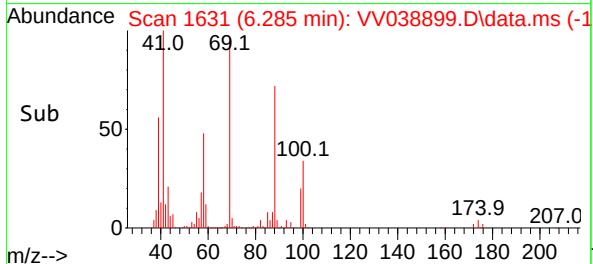
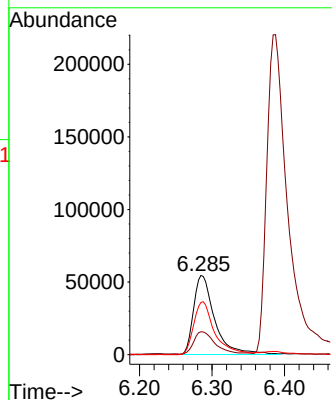
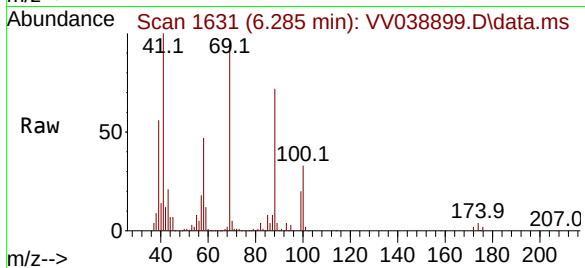
Tgt Ion: 88 Resp: 109953

Ion Ratio Lower Upper

88 100

43 28.7 23.0 34.4

58 66.2 53.8 80.6



#50

Toluene-d8

Concen: 46.135 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038899.D

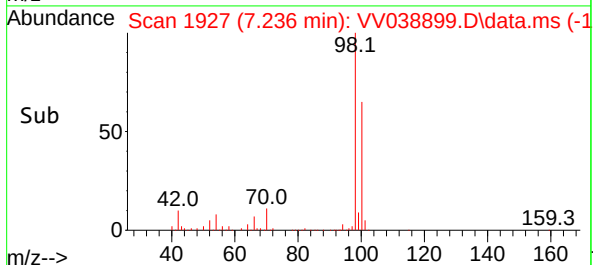
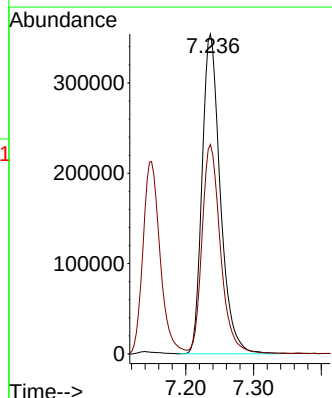
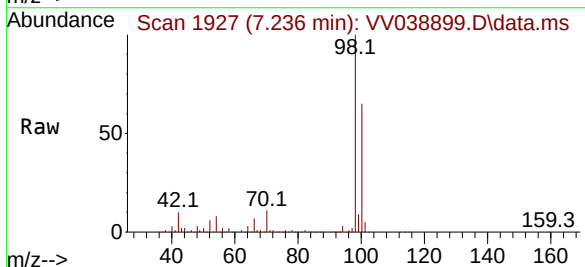
Acq: 15 Jul 2025 13:44

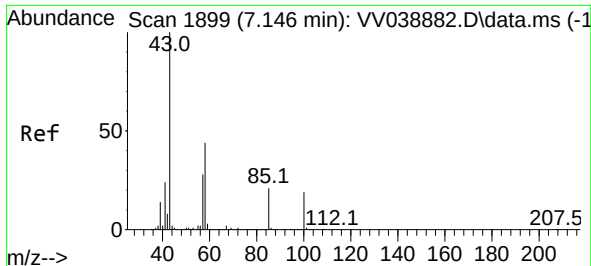
Tgt Ion: 98 Resp: 659447

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 294.595 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

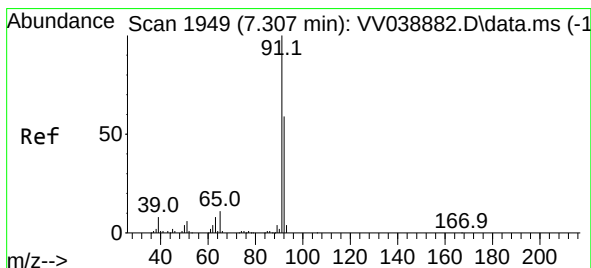
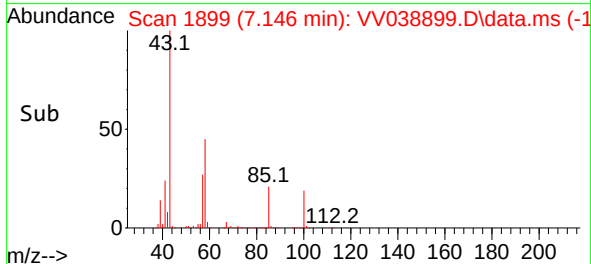
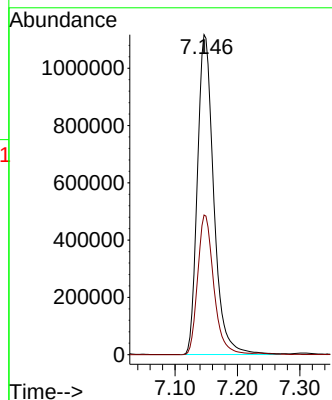
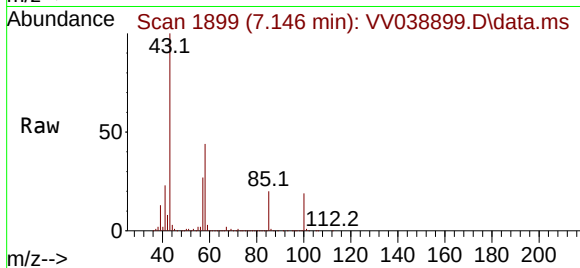
VSTDCCC050EC

Tgt Ion: 43 Resp: 2029966

Ion Ratio Lower Upper

43 100

58 43.2 34.5 51.7



#52

Toluene

Concen: 53.724 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038899.D

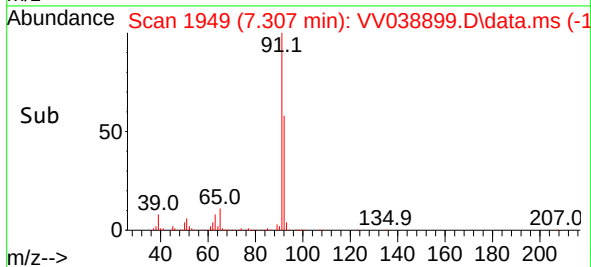
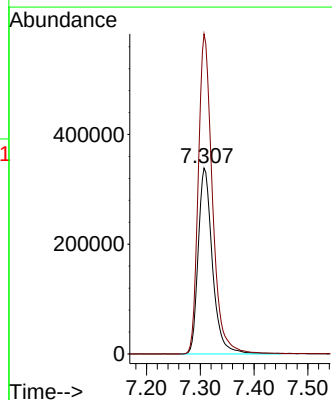
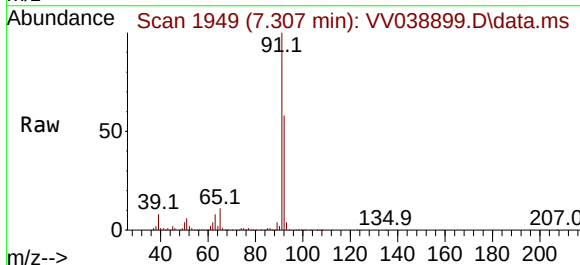
Acq: 15 Jul 2025 13:44

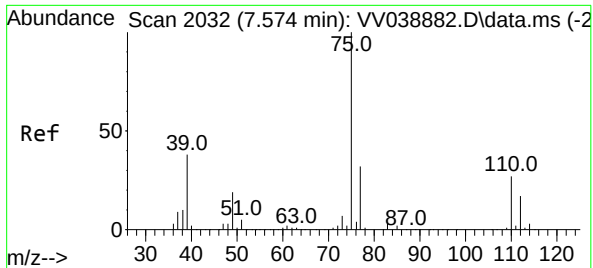
Tgt Ion: 92 Resp: 623526

Ion Ratio Lower Upper

92 100

91 170.7 137.1 205.7

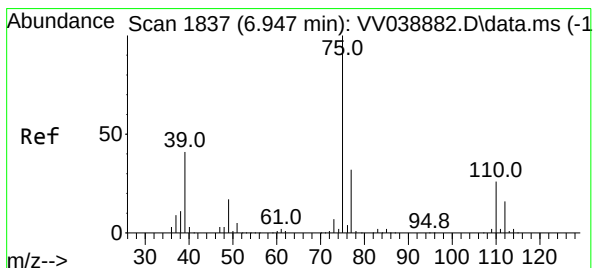
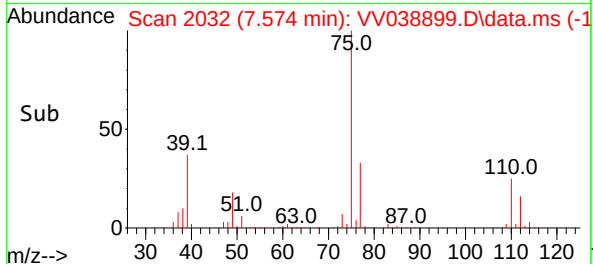
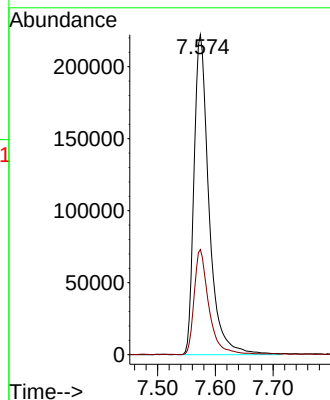
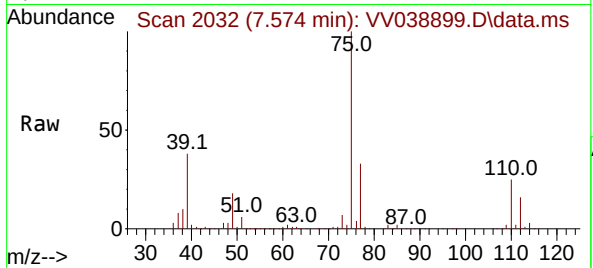




#53
 t-1,3-Dichloropropene
 Concen: 55.416 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

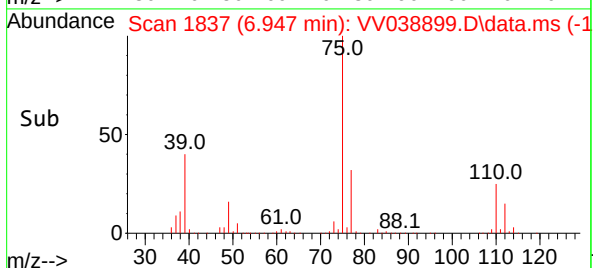
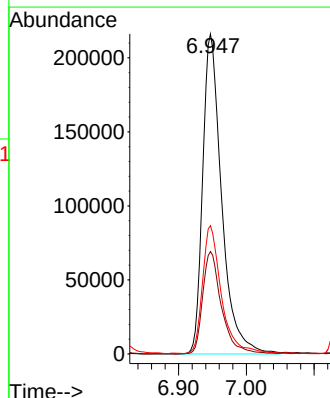
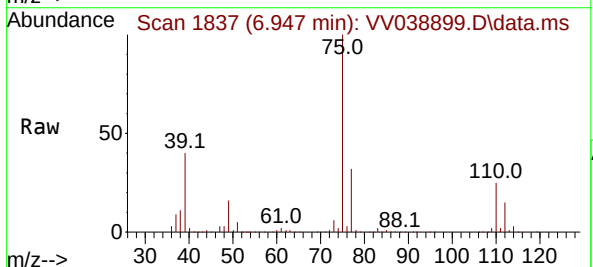
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

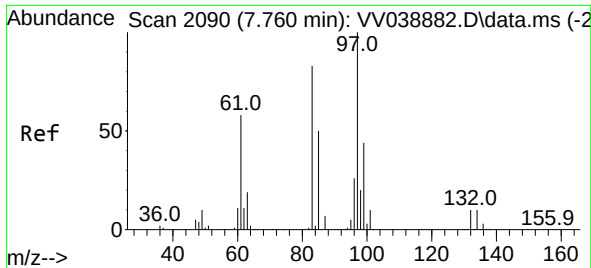
Tgt Ion: 75 Resp: 400708
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.752 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

Tgt Ion: 75 Resp: 420159
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 39.9 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 52.159 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 289349

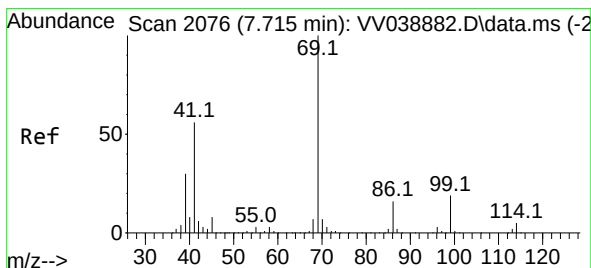
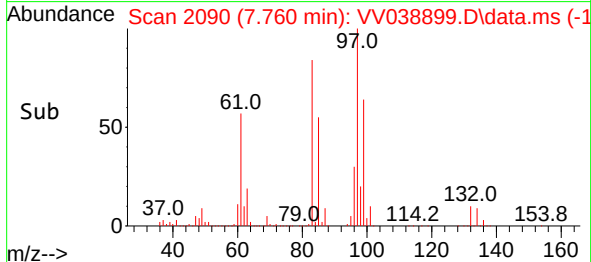
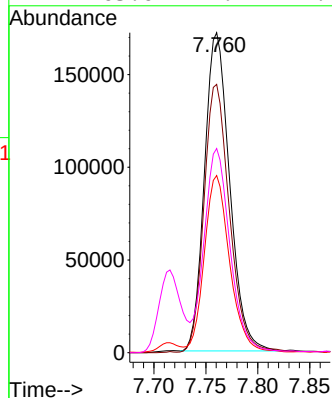
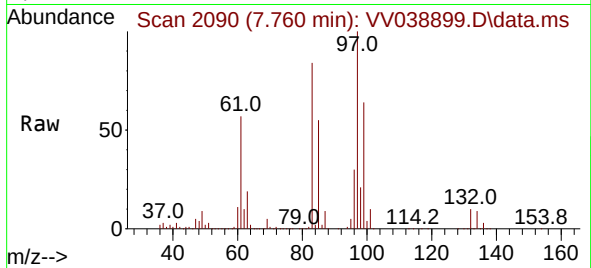
Ion Ratio Lower Upper

97 100

83 84.1 66.2 99.4

85 55.2 41.4 62.2

99 63.6 49.9 74.9



#56

Ethyl methacrylate

Concen: 61.969 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

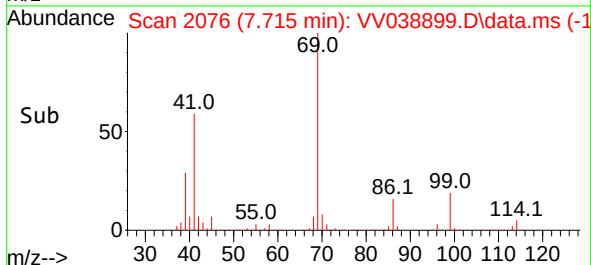
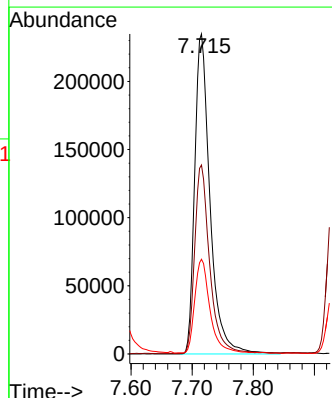
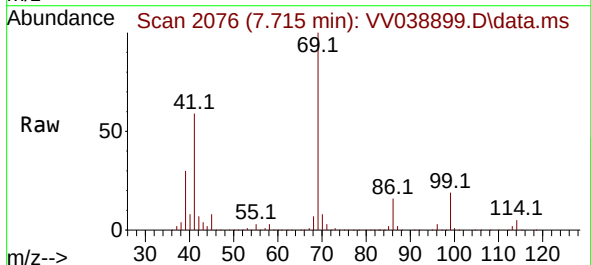
Tgt Ion: 69 Resp: 408514

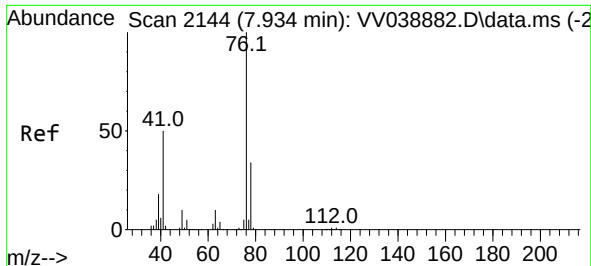
Ion Ratio Lower Upper

69 100

41 57.7 45.7 68.5

39 28.9 23.8 35.8

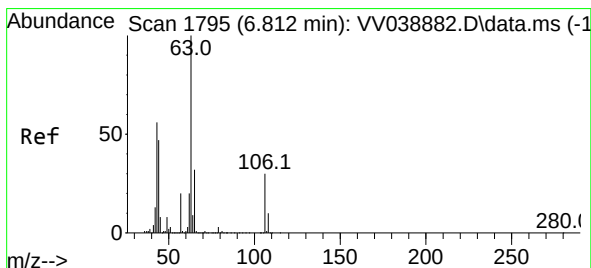
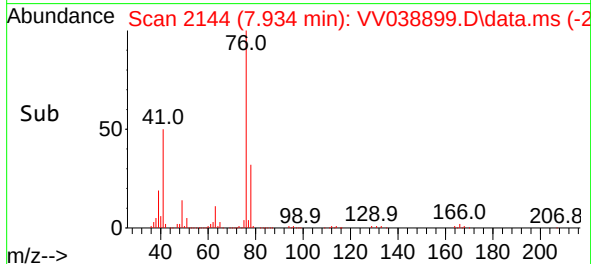
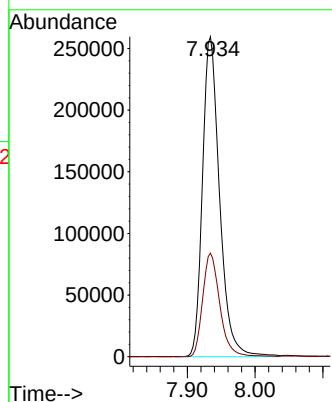
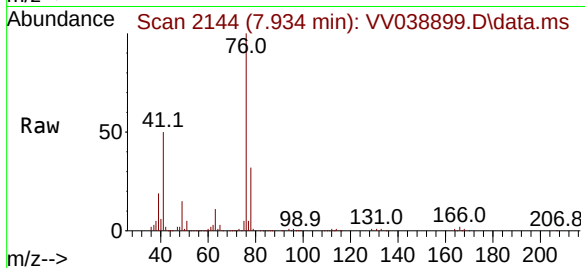




#57
1,3-Dichloropropane
Concen: 54.676 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

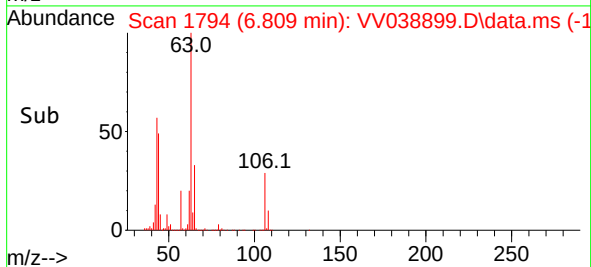
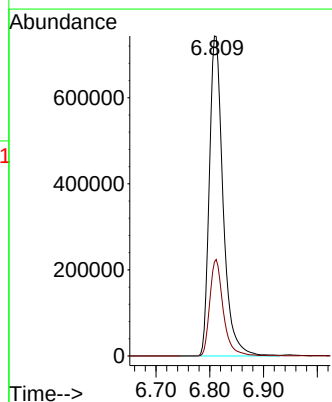
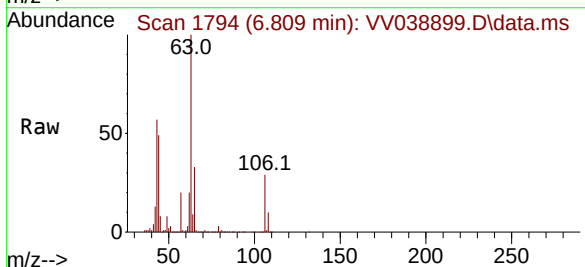
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

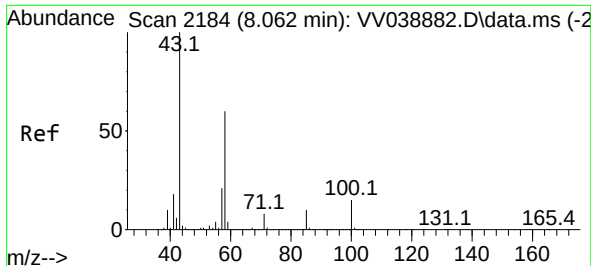
Tgt Ion: 76 Resp: 454792
Ion Ratio Lower Upper
76 100
78 32.4 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 330.532 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 63 Resp: 1314962
Ion Ratio Lower Upper
63 100
106 29.6 24.1 36.1

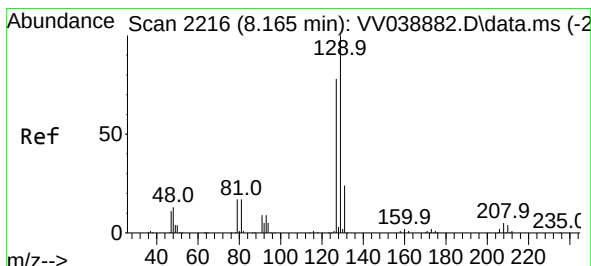
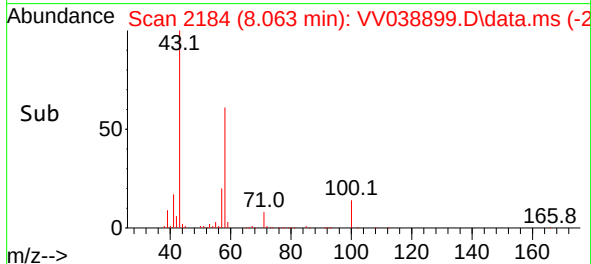
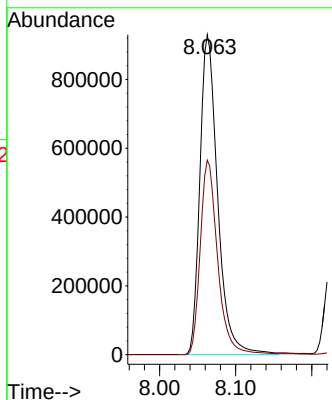
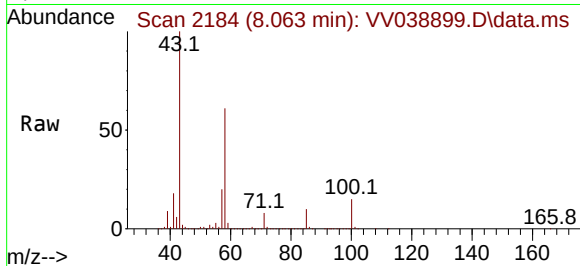




#59
2-Hexanone
Concen: 294.156 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

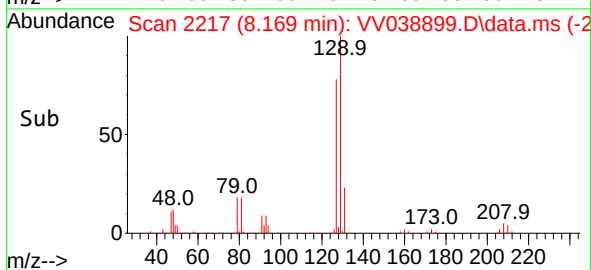
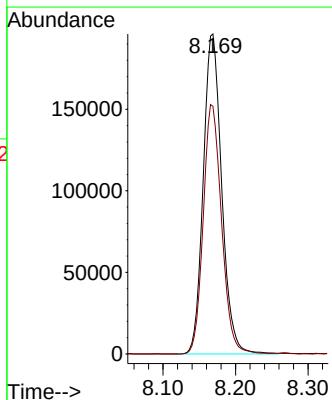
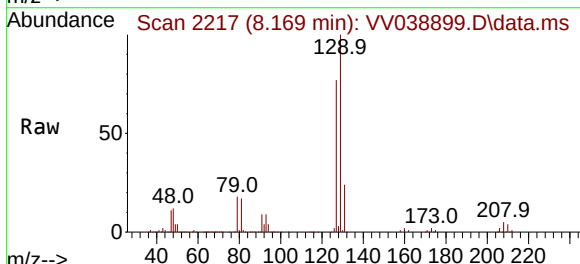
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

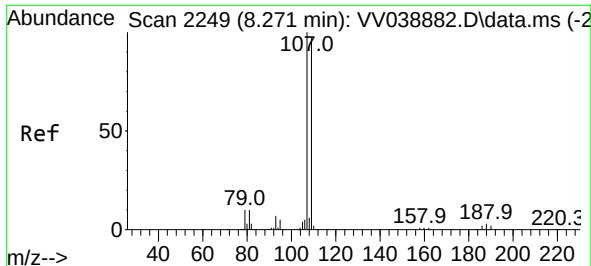
Tgt Ion: 43 Resp: 1508871
Ion Ratio Lower Upper
43 100
58 59.7 29.6 88.8



#60
Dibromochloromethane
Concen: 53.124 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 129 Resp: 347053
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2

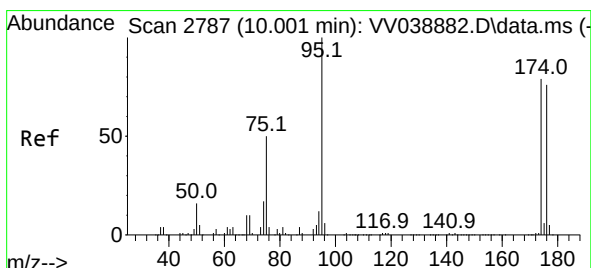
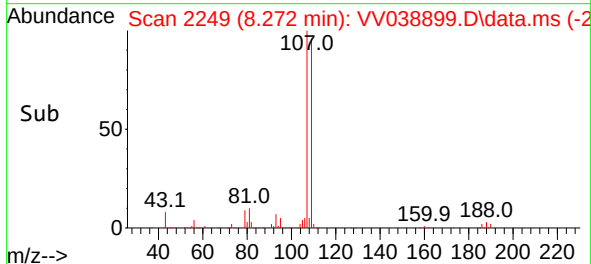
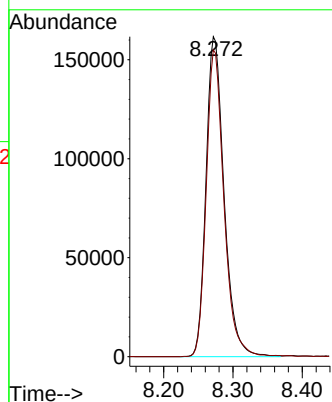
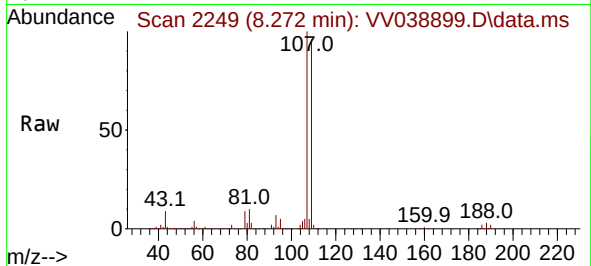




#61
1,2-Dibromoethane
Concen: 52.330 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

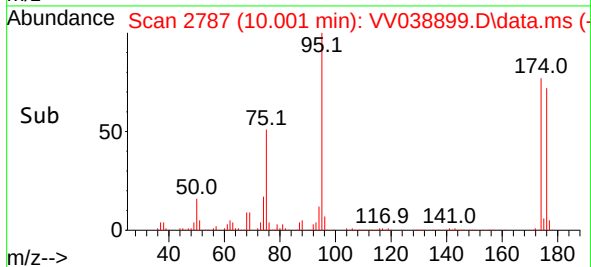
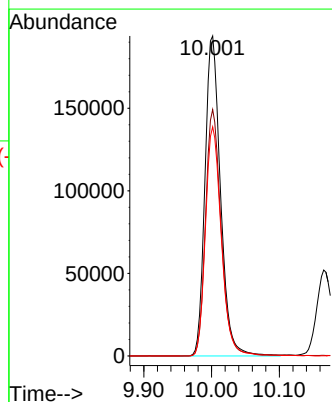
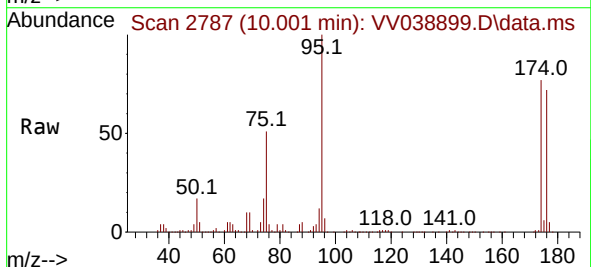
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

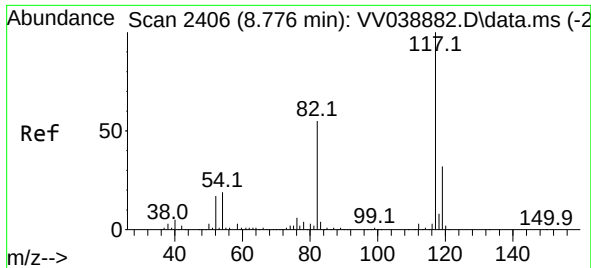
Tgt Ion:107 Resp: 292462
Ion Ratio Lower Upper
107 100
109 93.8 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 53.667 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 95 Resp: 309020
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 72.9 0.0 152.2

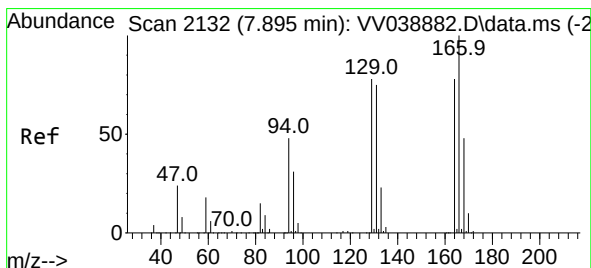
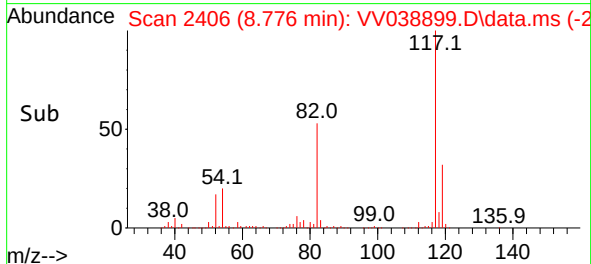
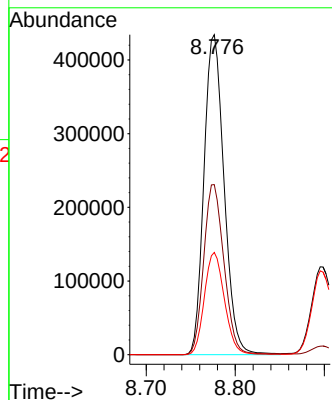
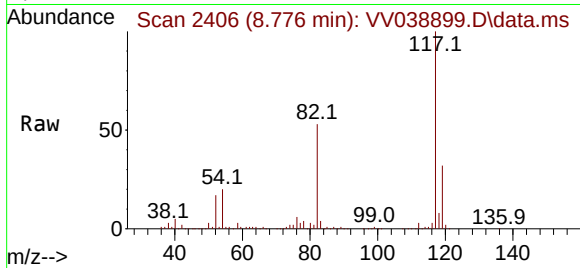




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

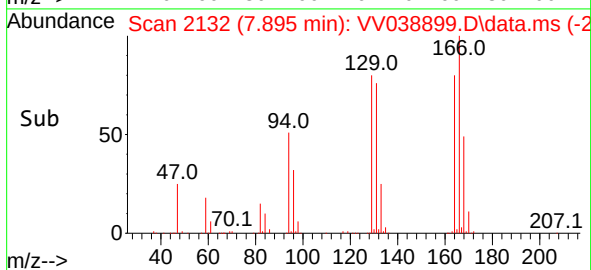
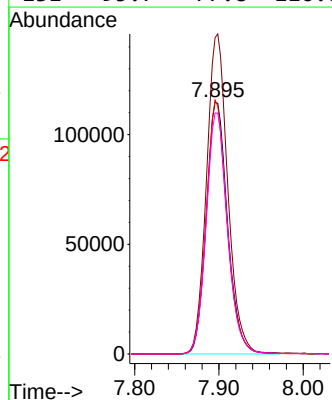
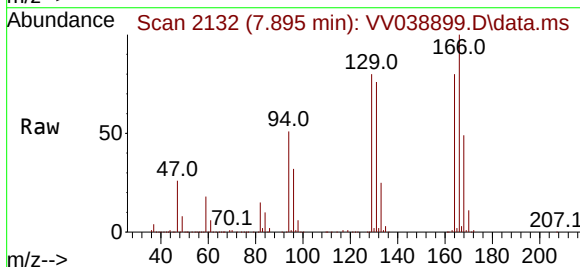
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

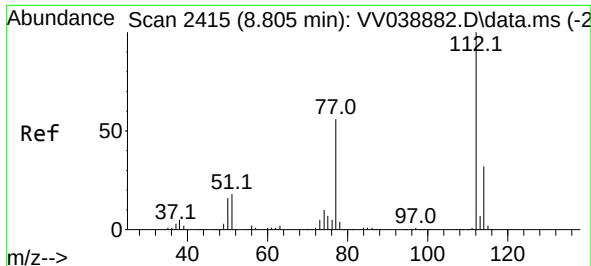
Tgt Ion:117 Resp: 681298
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 45.168 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:164 Resp: 201819
Ion Ratio Lower Upper
164 100
166 125.7 103.2 154.8
129 100.9 81.0 121.4
131 95.7 77.8 116.8

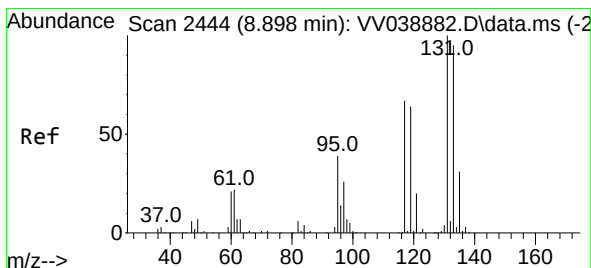
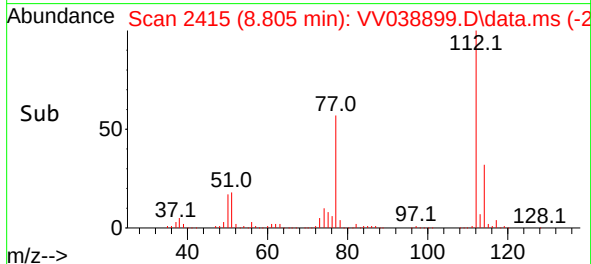
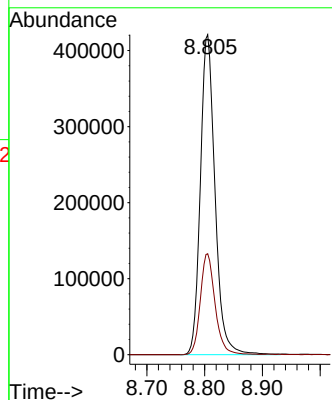
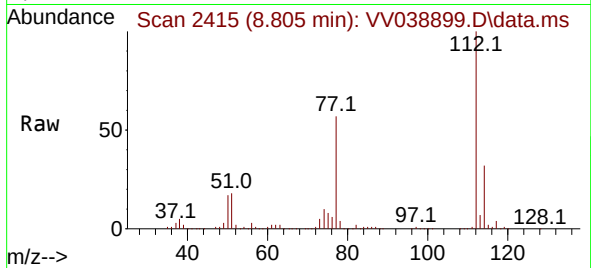




#65
Chlorobenzene
Concen: 49.759 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

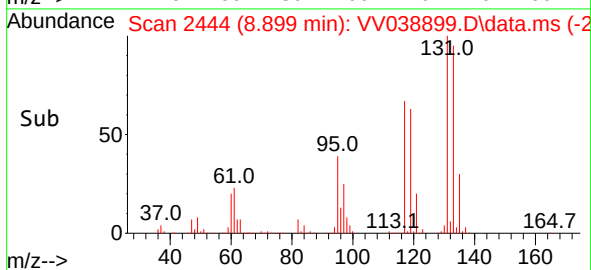
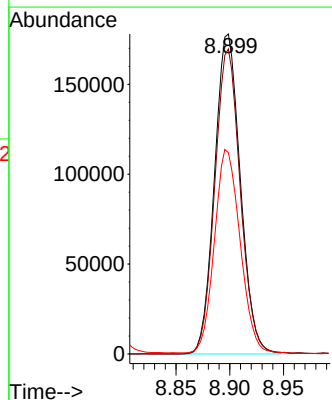
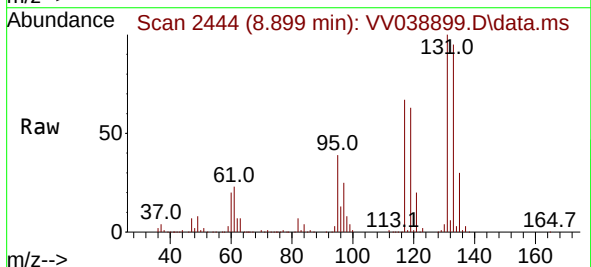
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

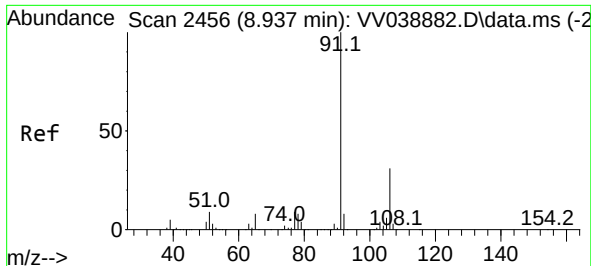
Tgt Ion:112 Resp: 740741
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.995 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:131 Resp: 296805
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 64.1 32.0 96.2





#67

Ethyl Benzene

Concen: 54.287 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

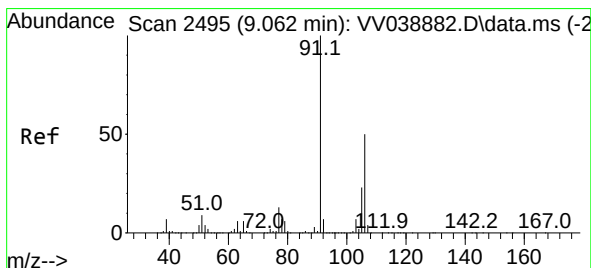
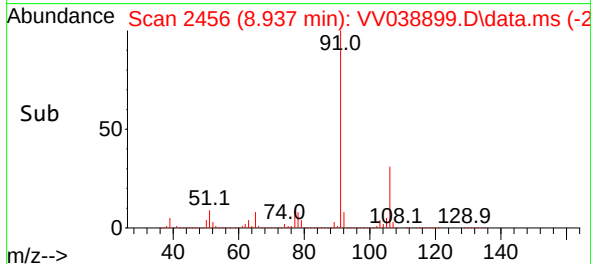
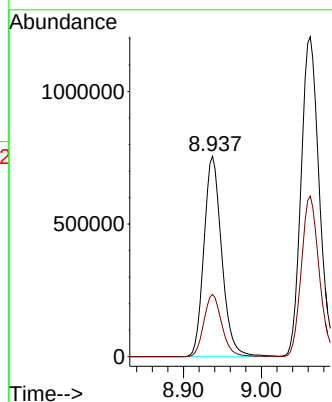
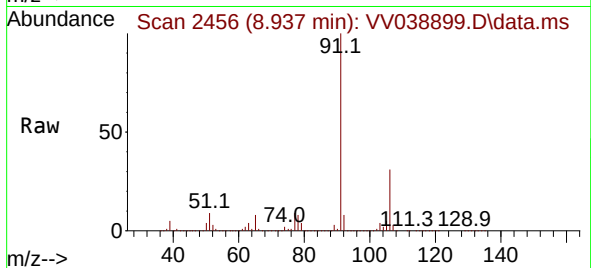
VSTDCCC050EC

Tgt Ion: 91 Resp: 1200010

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 112.965 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038899.D

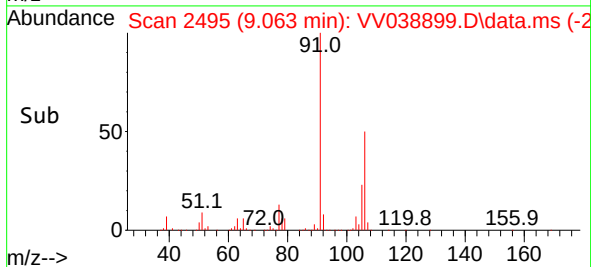
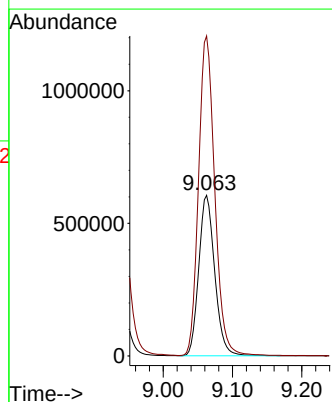
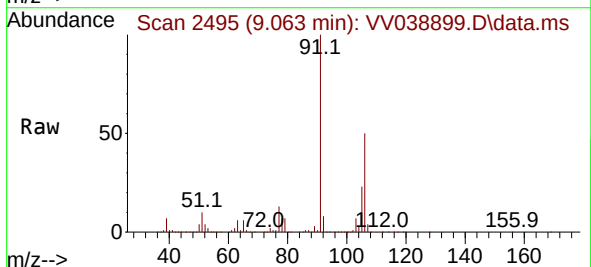
Acq: 15 Jul 2025 13:44

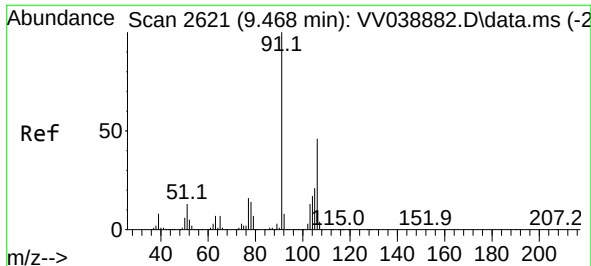
Tgt Ion: 106 Resp: 972188

Ion Ratio Lower Upper

106 100

91 201.4 161.0 241.6

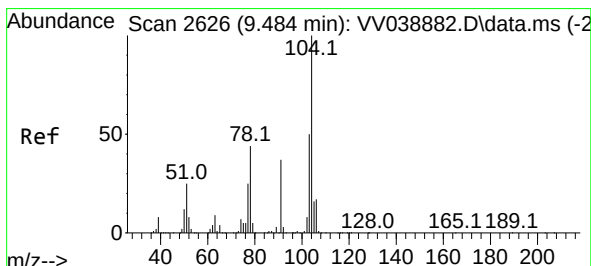
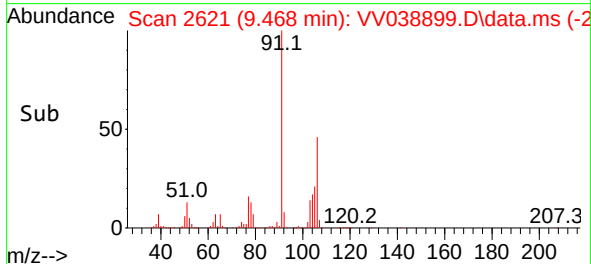
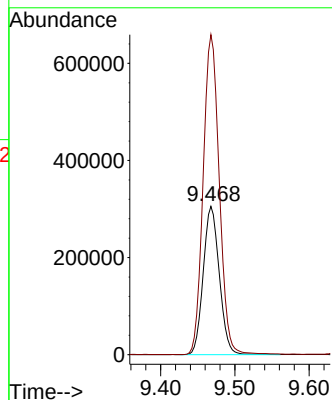
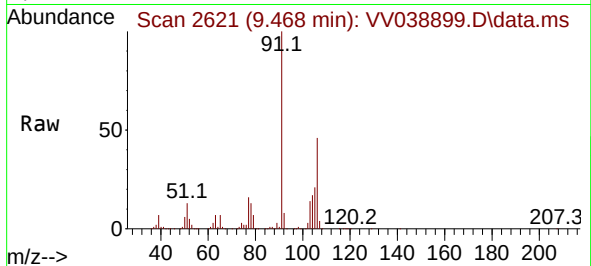




#69
o-Xylene
Concen: 56.430 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

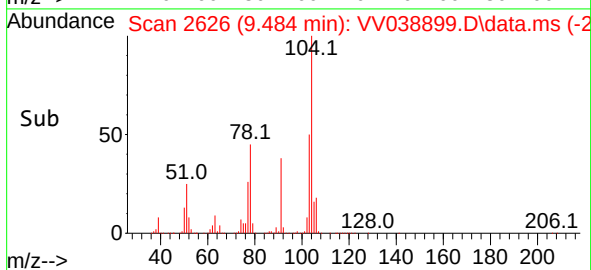
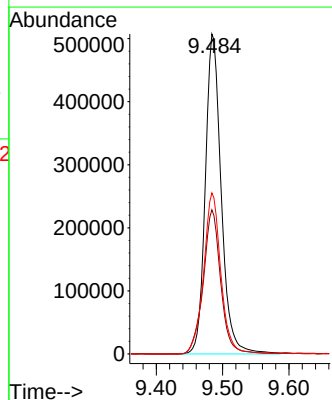
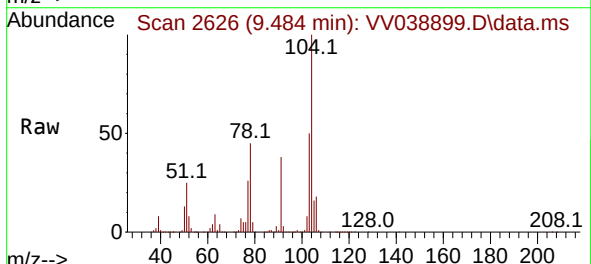
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

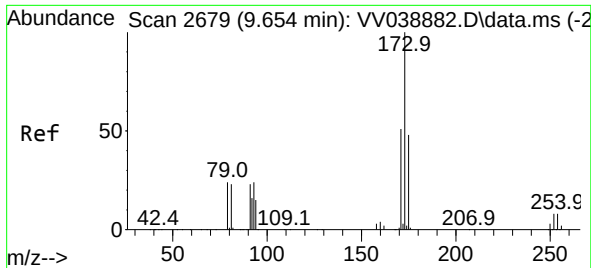
Tgt Ion:106 Resp: 458371
Ion Ratio Lower Upper
106 100
91 217.2 108.9 326.6



#70
Styrene
Concen: 59.049 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:104 Resp: 847723
Ion Ratio Lower Upper
104 100
78 49.4 39.9 59.9
103 54.8 43.4 65.2

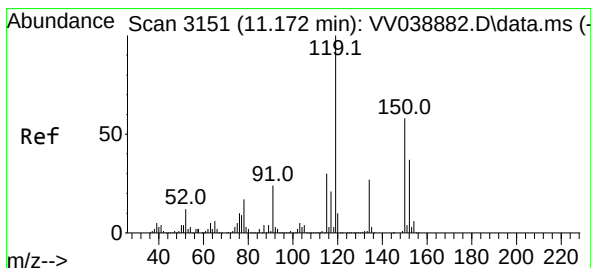
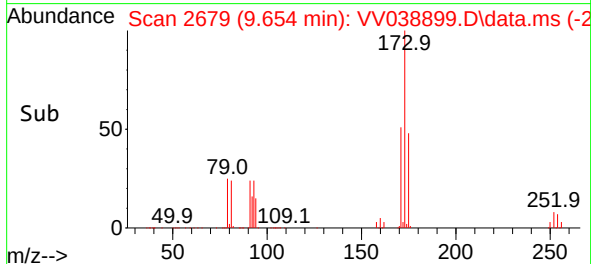
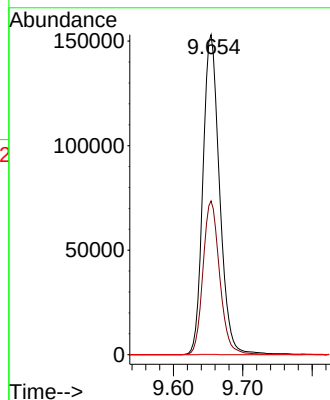
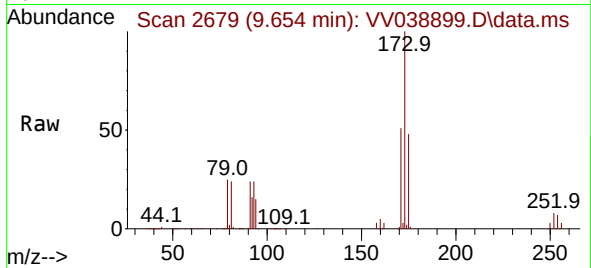




#71
Bromoform
Concen: 52.903 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

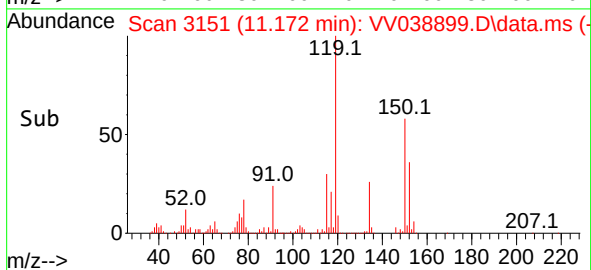
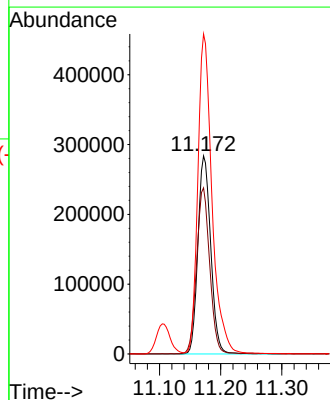
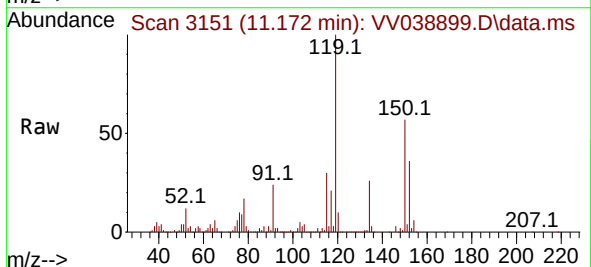
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

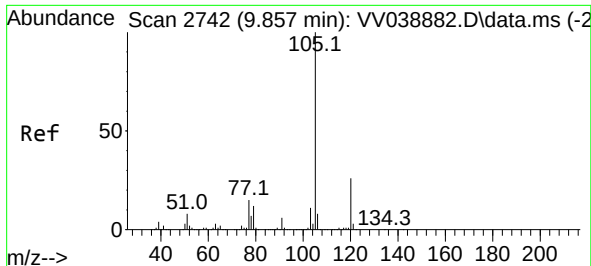
Tgt Ion:173 Resp: 255284
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:152 Resp: 413639
Ion Ratio Lower Upper
152 100
115 85.3 41.8 125.4
150 177.7 0.0 342.4

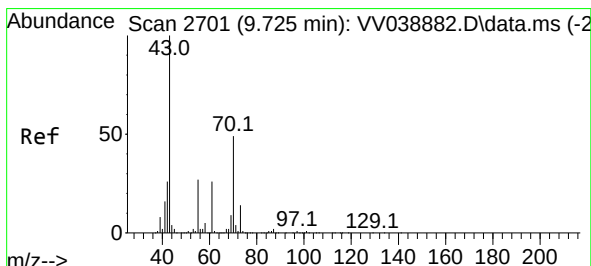
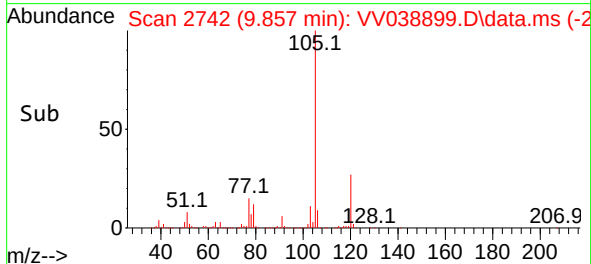
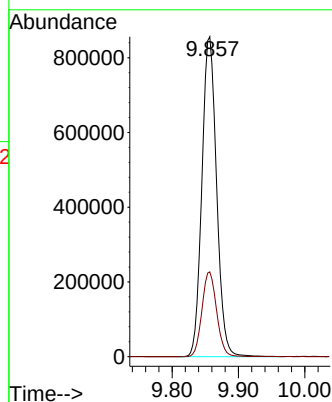
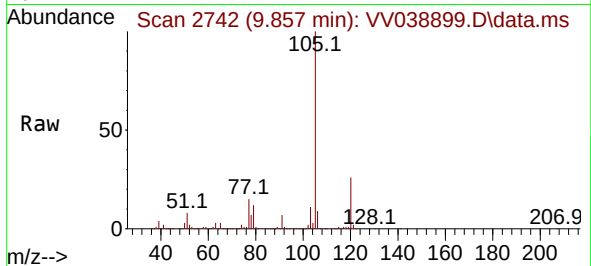




#73
Isopropylbenzene
Concen: 53.323 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

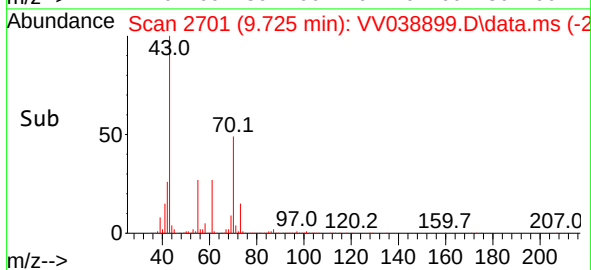
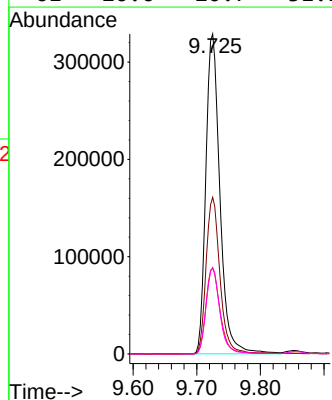
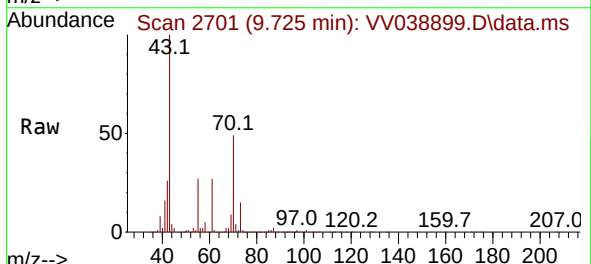
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

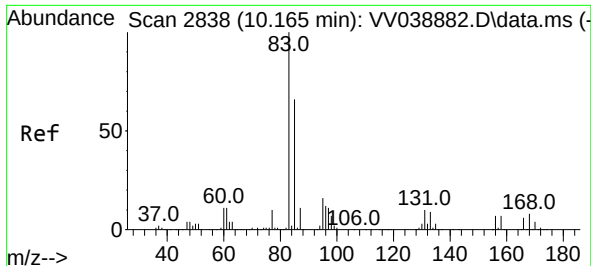
Tgt Ion:105 Resp: 1317894
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.7



#74
N-ethyl acetate
Concen: 55.876 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 43 Resp: 505878
Ion Ratio Lower Upper
43 100
70 48.2 38.6 58.0
55 26.9 21.8 32.8
61 26.6 20.7 31.1

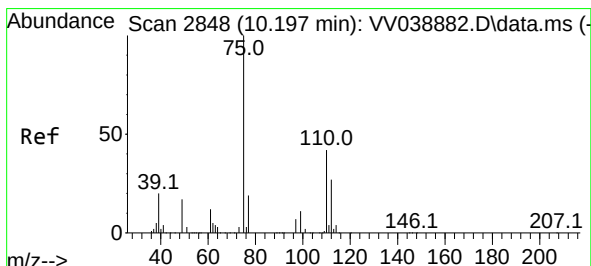
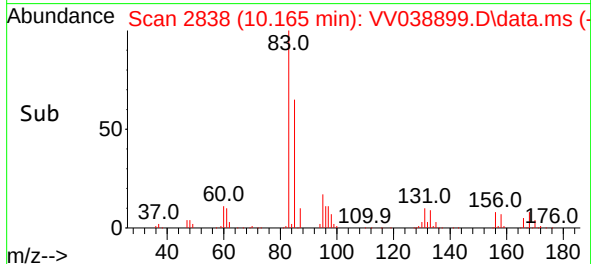
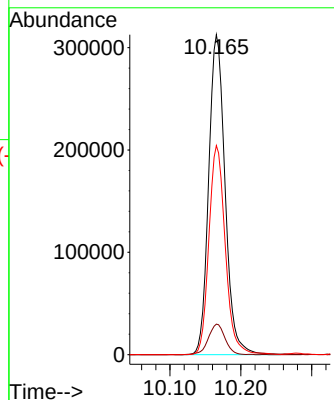
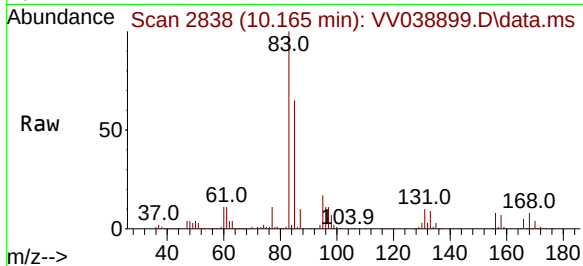




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.613 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

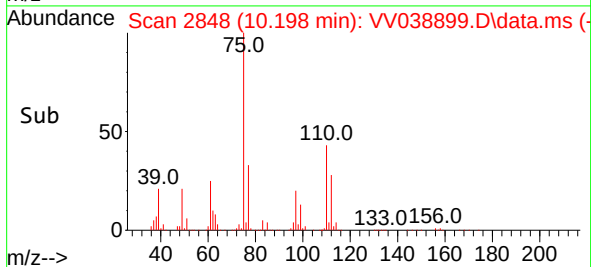
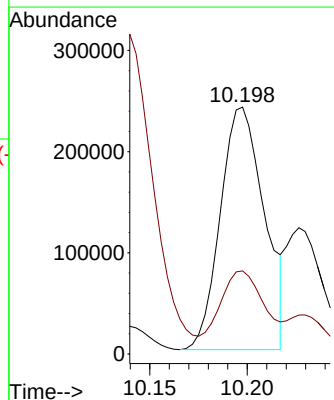
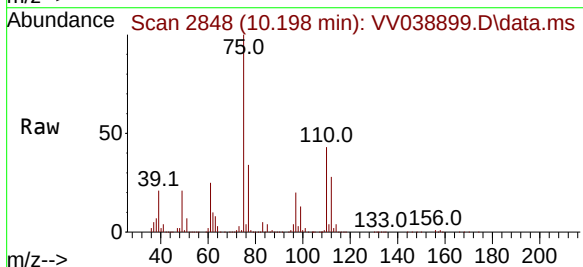
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

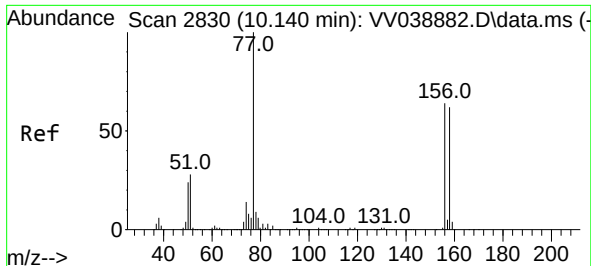
Tgt Ion: 83 Resp: 503255
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.4
 85 65.4 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 49.054 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

Tgt Ion: 75 Resp: 377255
 Ion Ratio Lower Upper
 75 100
 77 23.9 17.4 52.3

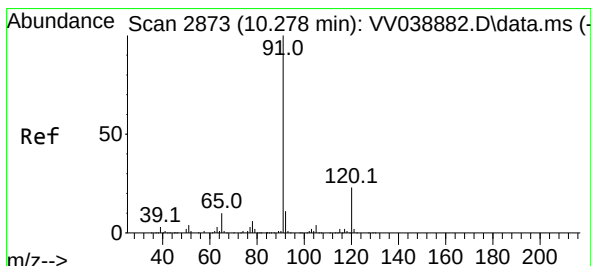
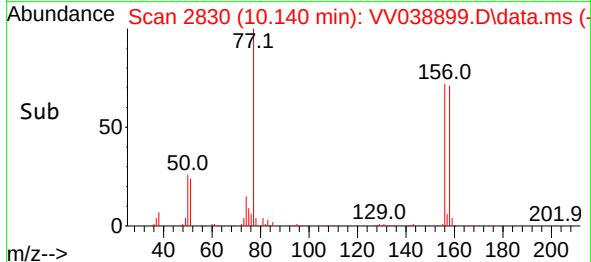
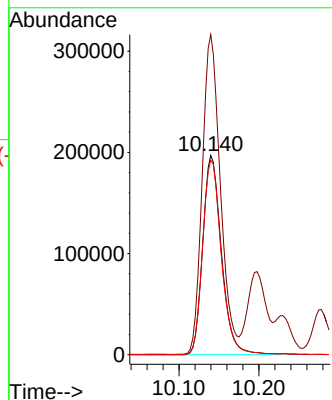
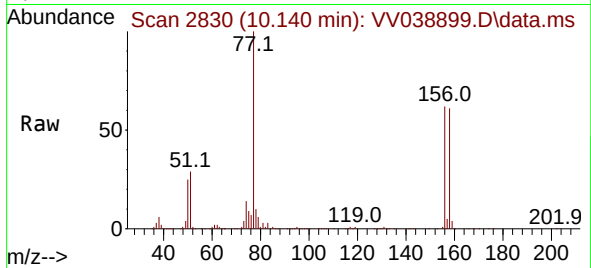




#77
Bromobenzene
Concen: 49.444 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

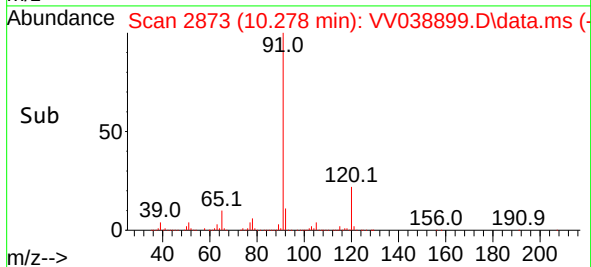
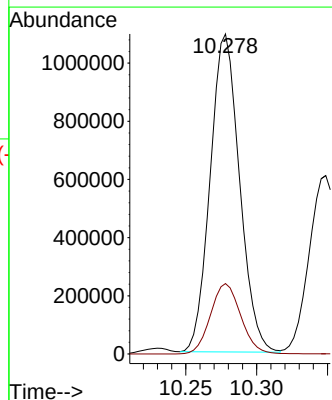
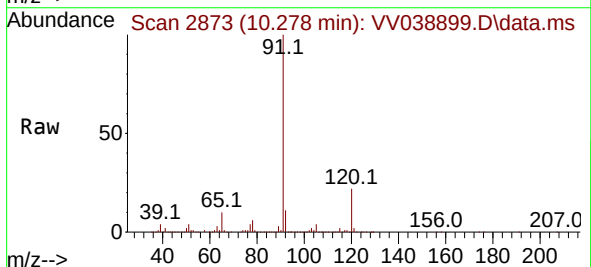
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

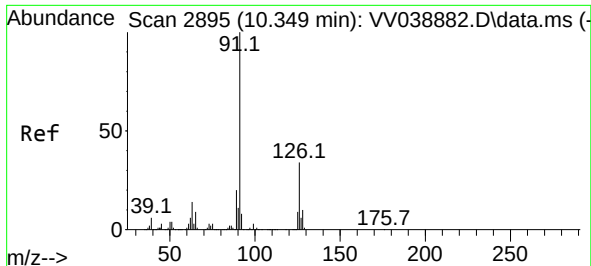
Tgt Ion:156 Resp: 320558
Ion Ratio Lower Upper
156 100
77 155.9 77.2 231.6
158 97.9 48.4 145.3



#78
n-propylbenzene
Concen: 54.549 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 91 Resp: 1575710
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

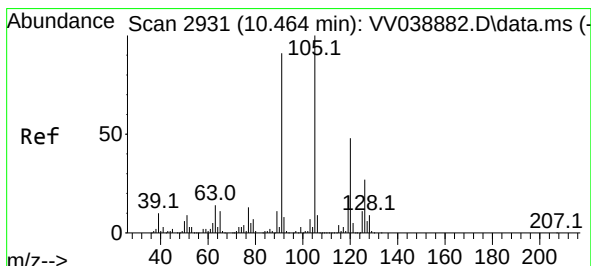
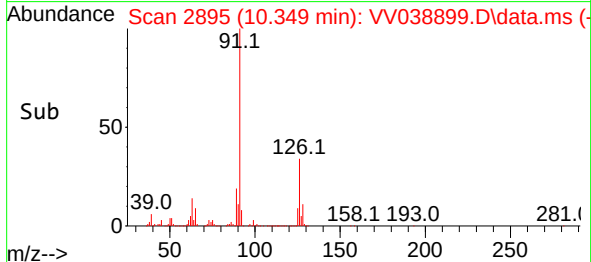
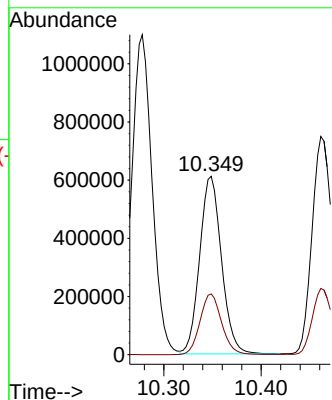
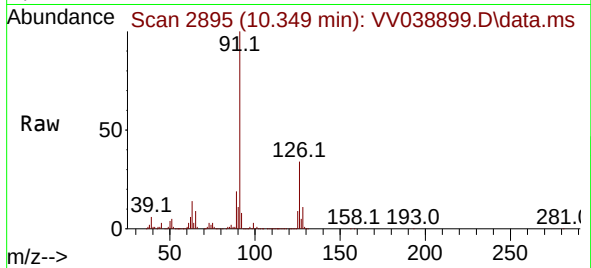




#79
2-Chlorotoluene
Concen: 51.650 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

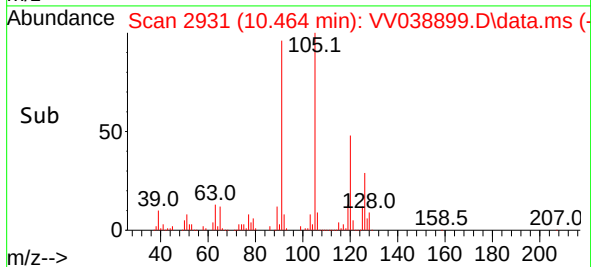
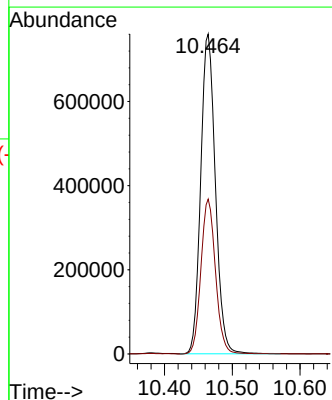
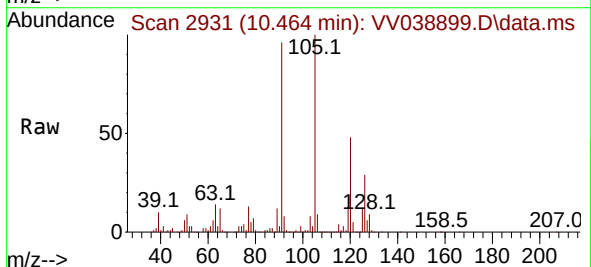
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

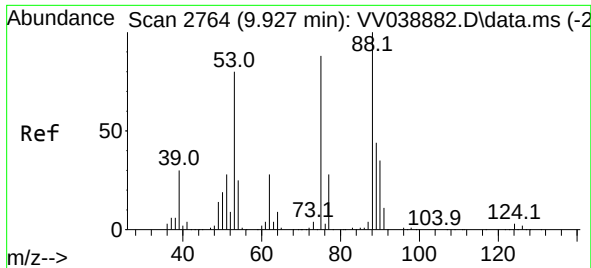
Tgt Ion: 91 Resp: 948834
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 54.710 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 105 Resp: 1140292
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0

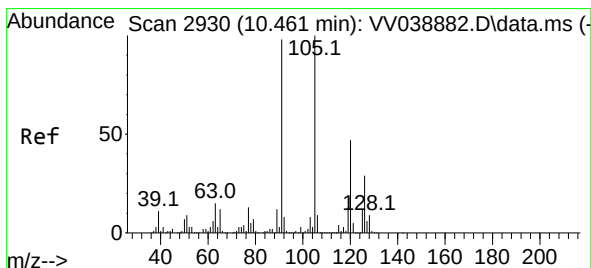
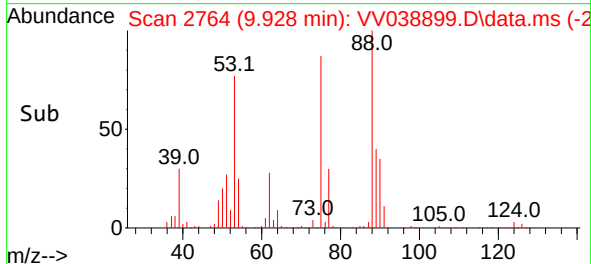
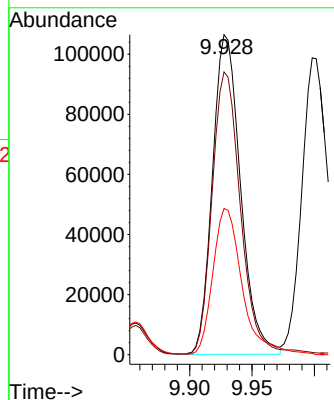
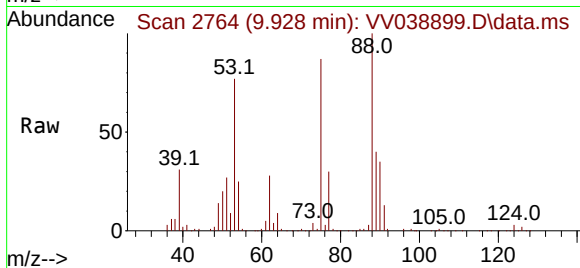




#81
trans-1,4-Dichloro-2-butene
Concen: 52.889 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

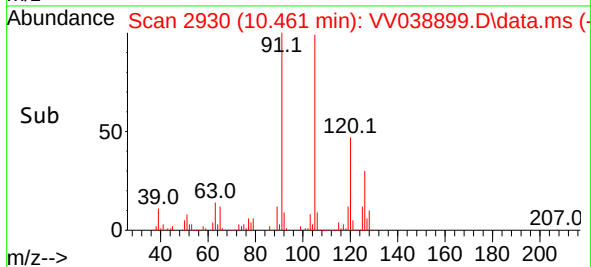
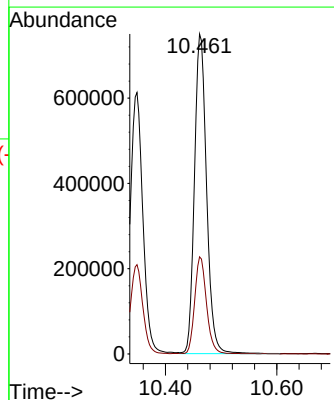
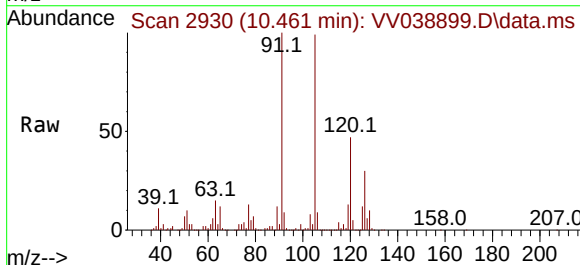
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

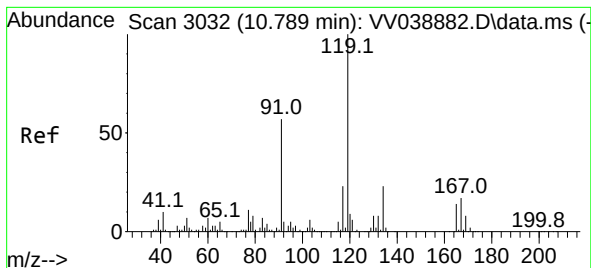
Tgt Ion: 75 Resp: 166680
Ion Ratio Lower Upper
75 100
53 89.5 71.3 106.9
89 47.9 42.2 63.2



#82
4-Chlorotoluene
Concen: 54.984 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion: 91 Resp: 1129103
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.9





#83

tert-Butylbenzene

Concen: 54.131 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

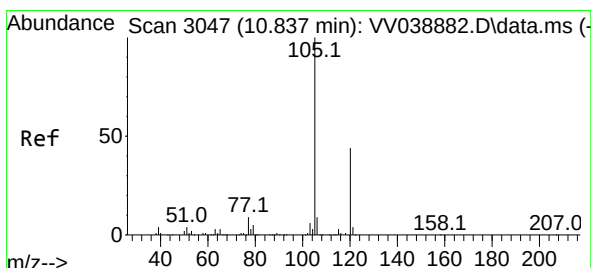
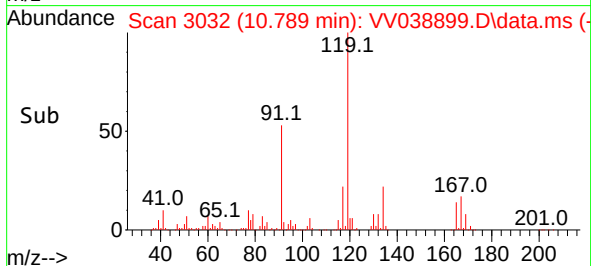
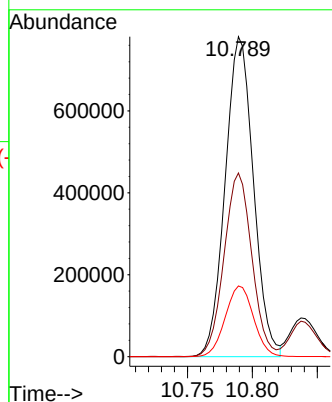
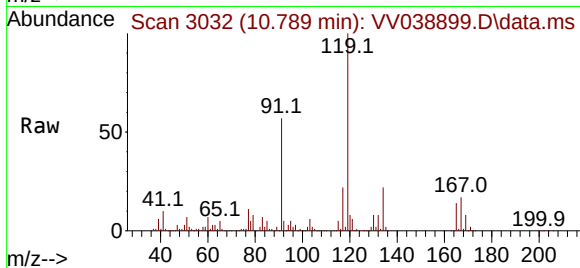
Tgt Ion:119 Resp: 1182872

Ion Ratio Lower Upper

119 100

91 56.2 28.1 84.2

134 22.2 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 56.058 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038899.D

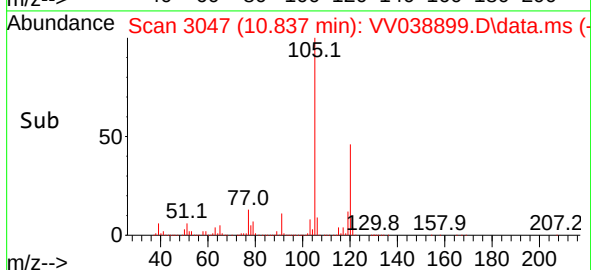
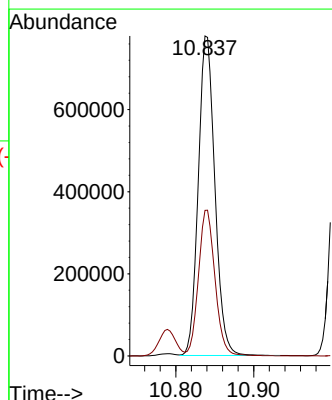
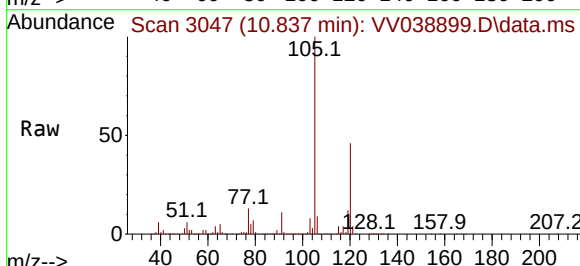
Acq: 15 Jul 2025 13:44

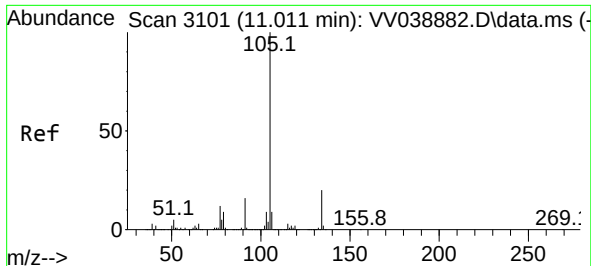
Tgt Ion:105 Resp: 1149665

Ion Ratio Lower Upper

105 100

120 45.6 22.6 67.8

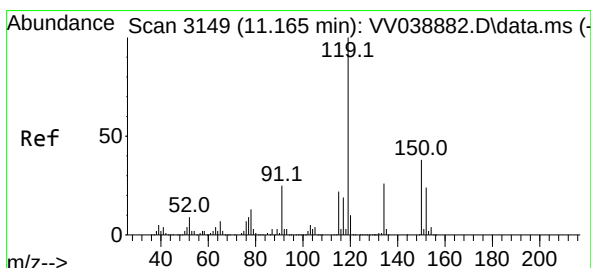
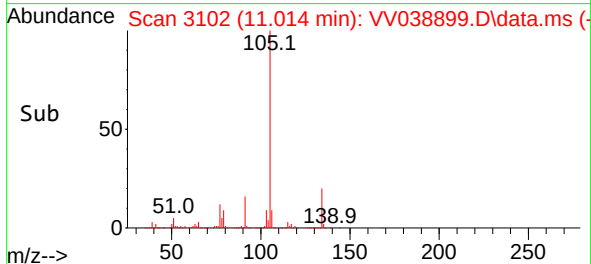
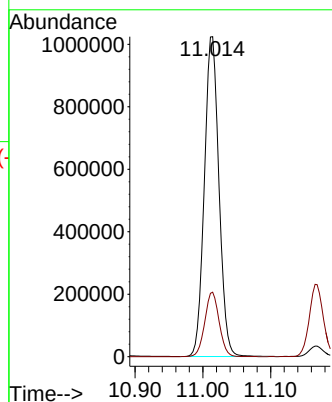
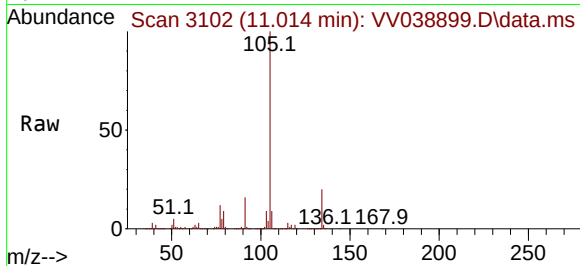




#85
 sec-Butylbenzene
 Concen: 54.873 ug/l
 RT: 11.014 min Scan# 3102
 Delta R.T. 0.003 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

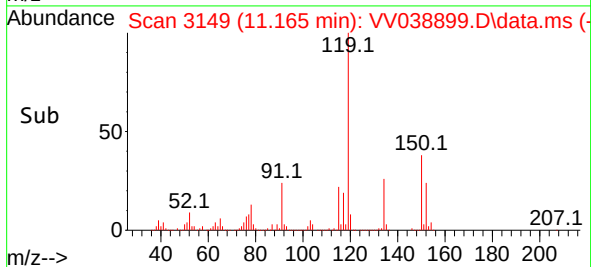
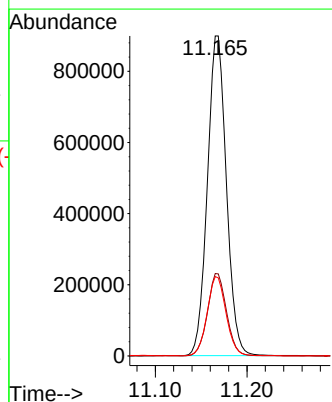
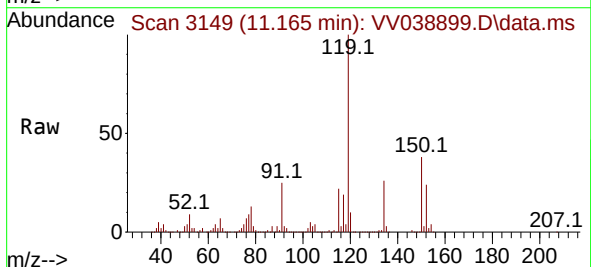
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

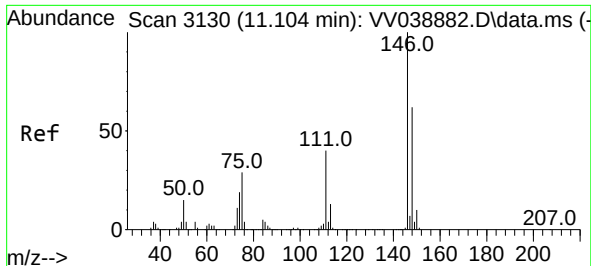
Tgt Ion:105 Resp: 1530393
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 54.556 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV038899.D
 Acq: 15 Jul 2025 13:44

Tgt Ion:119 Resp: 1291847
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.8 12.3 36.8

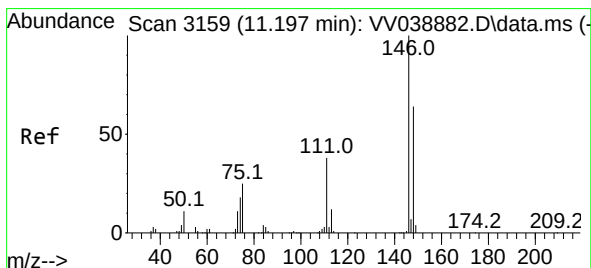
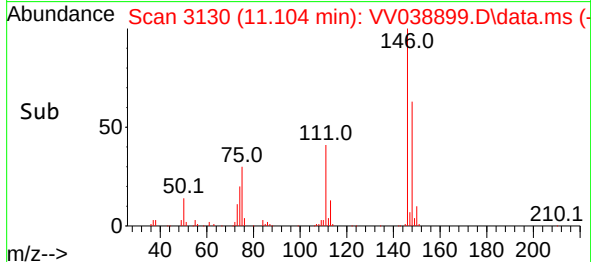
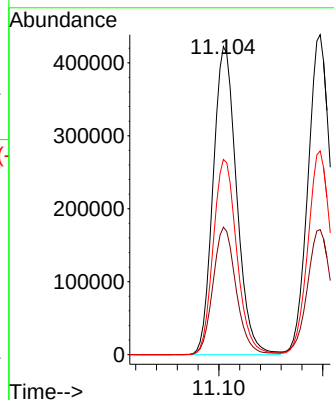
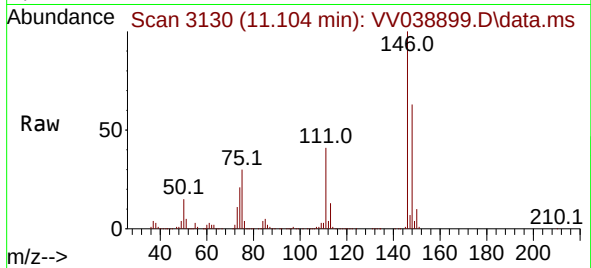




#87
1,3-Dichlorobenzene
Concen: 50.252 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

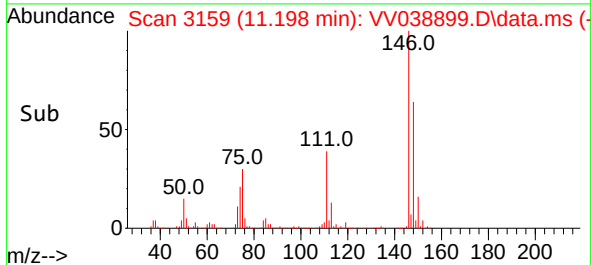
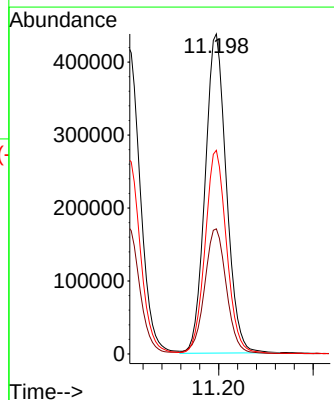
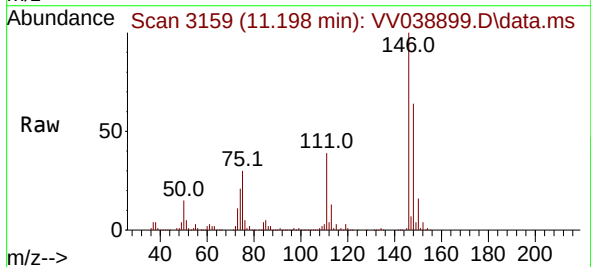
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

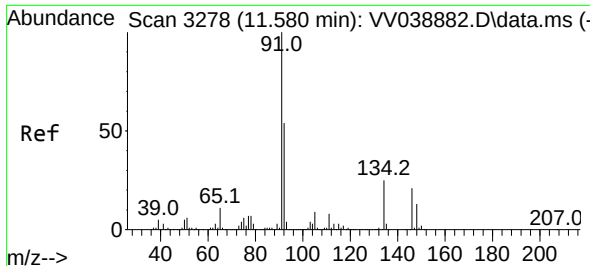
Tgt Ion:146 Resp: 665011
Ion Ratio Lower Upper
146 100
111 40.6 20.2 60.5
148 63.5 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 47.420 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:146 Resp: 682627
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.3
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 57.265 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

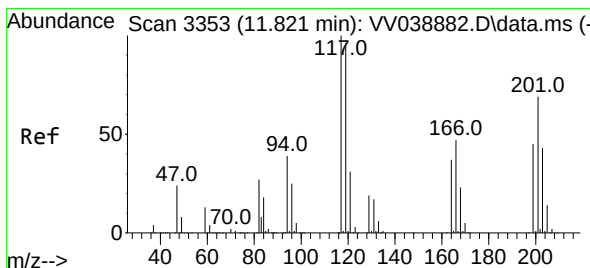
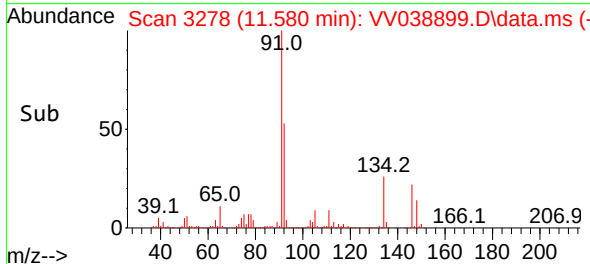
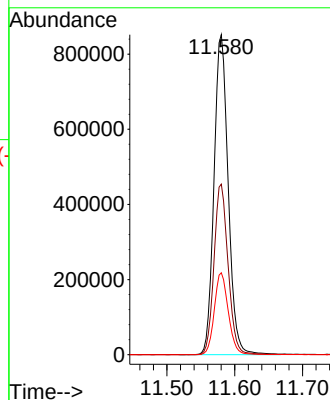
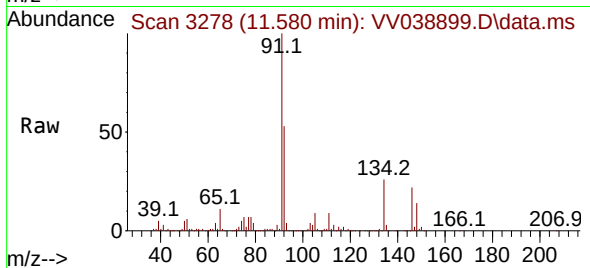
Tgt Ion: 91 Resp: 1237880

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 25.3 12.7 38.1



#90

Hexachloroethane

Concen: 47.546 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038899.D

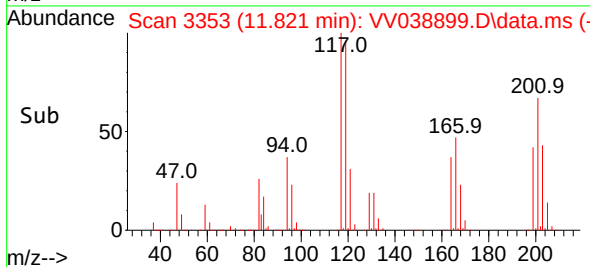
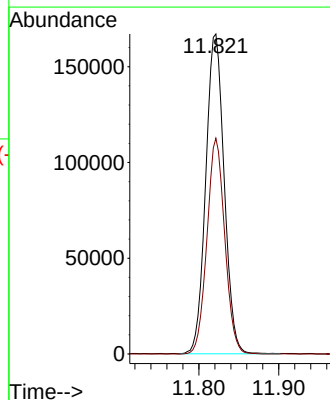
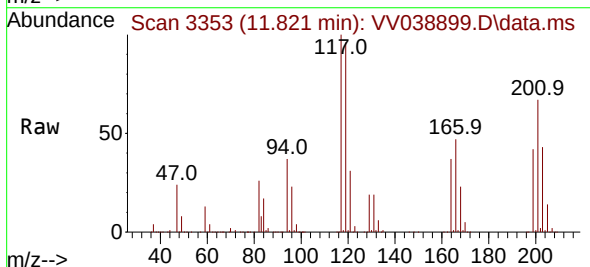
Acq: 15 Jul 2025 13:44

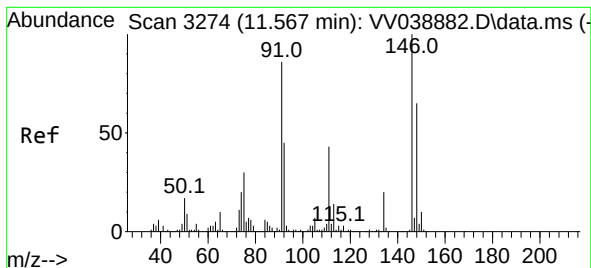
Tgt Ion: 117 Resp: 267776

Ion Ratio Lower Upper

117 100

201 65.2 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 50.311 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

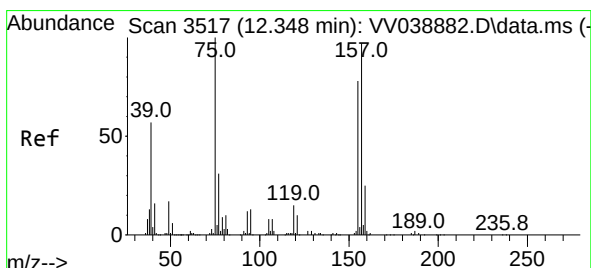
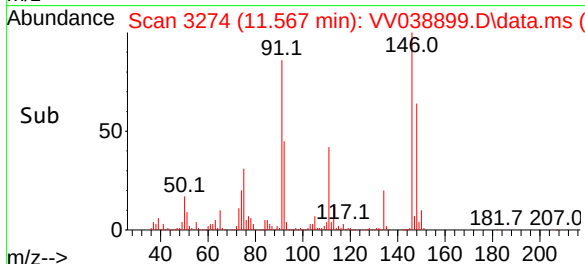
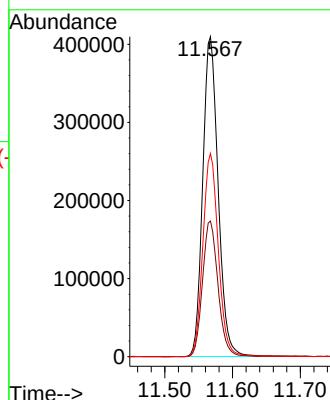
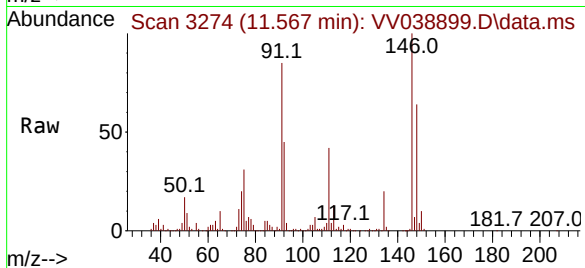
Tgt Ion:146 Resp: 646316

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.682 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

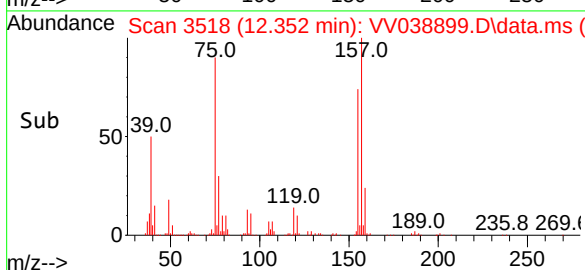
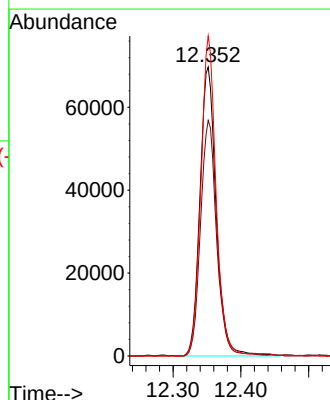
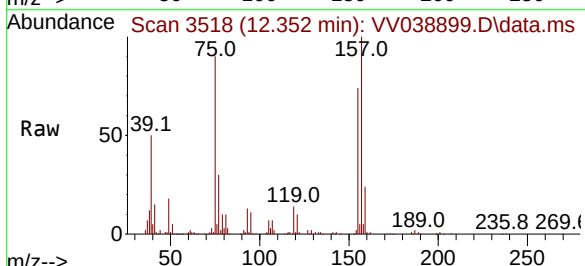
Tgt Ion: 75 Resp: 116283

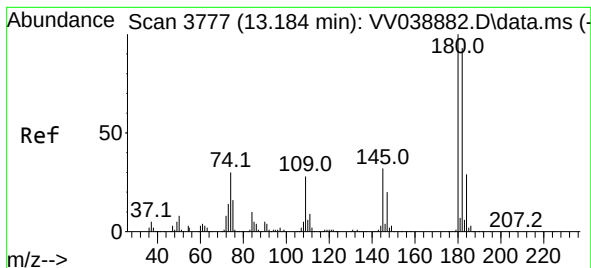
Ion Ratio Lower Upper

75 100

155 80.6 40.2 120.6

157 103.2 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 56.016 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

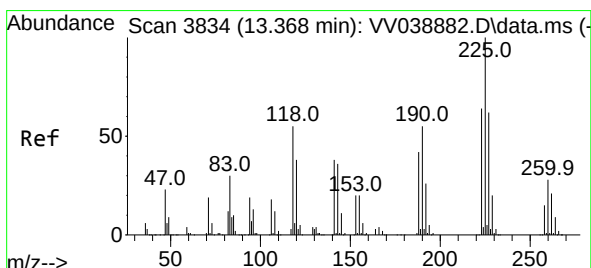
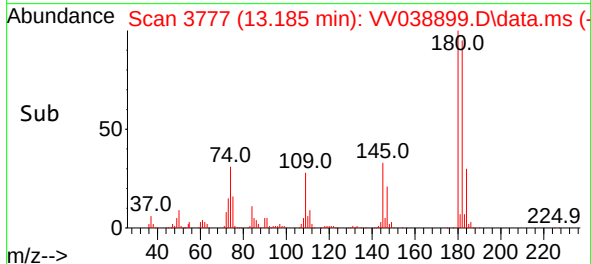
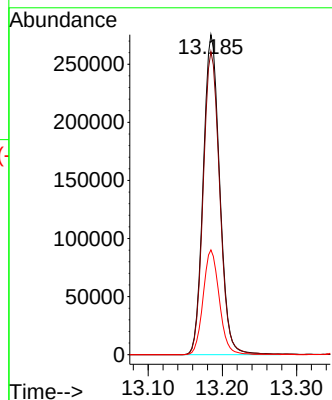
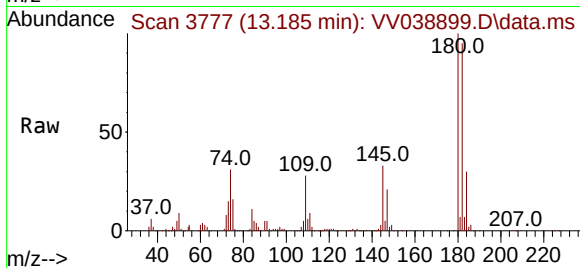
Tgt Ion:180 Resp: 424773

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 32.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 48.803 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038899.D

Acq: 15 Jul 2025 13:44

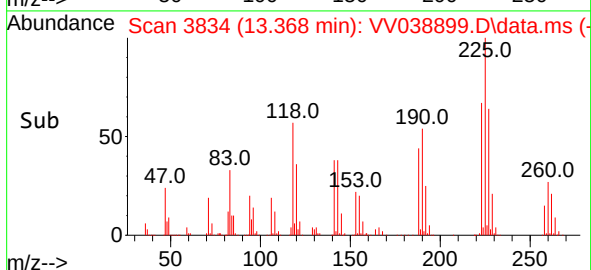
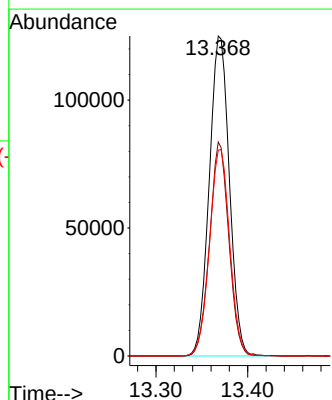
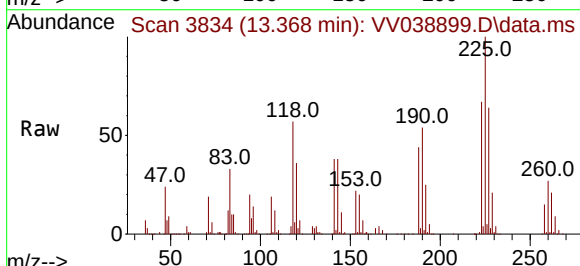
Tgt Ion:225 Resp: 190580

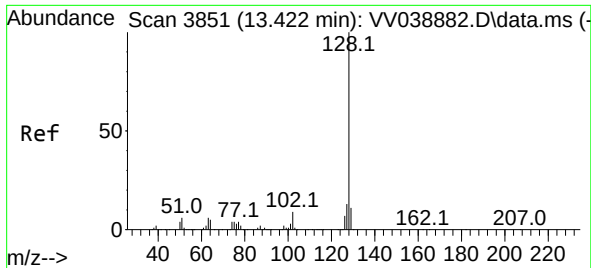
Ion Ratio Lower Upper

225 100

223 64.1 32.4 97.2

227 64.8 31.3 93.9

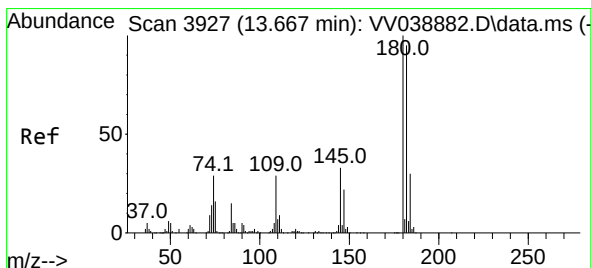
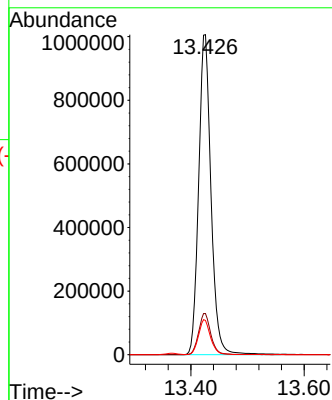
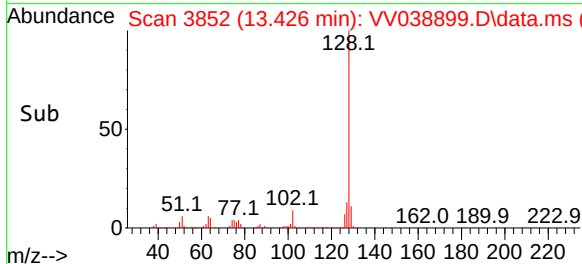
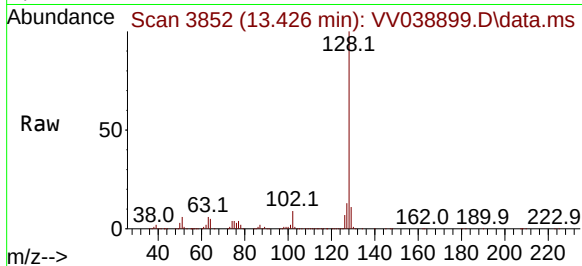




#95
Naphthalene
Concen: 60.876 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1516701
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.844 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038899.D
Acq: 15 Jul 2025 13:44

Tgt Ion:180 Resp: 446796
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 34.0 17.0 51.0

