

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038849.D
 Acq On : 02 Jul 2025 18:26
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 03 03:03:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	559407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	878398	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	832918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	490620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	314751	50.203	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.400%	
35) Dibromofluoromethane	4.503	113	285353	51.286	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.580%	
50) Toluene-d8	7.236	98	925922	51.435	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 102.880%	
62) 4-Bromofluorobenzene	10.001	95	391301	53.802	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 107.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	225167	42.402	ug/l	99
3) Chloromethane	1.230	50	238631	41.525	ug/l	100
4) Vinyl Chloride	1.297	62	256668	42.362	ug/l	99
5) Bromomethane	1.494	94	167689	45.351	ug/l	96
6) Chloroethane	1.558	64	171397	42.196	ug/l	98
7) Trichlorofluoromethane	1.725	101	459759	42.889	ug/l	98
8) Diethyl Ether	1.918	74	161414	43.271	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.082	101	270180	44.574	ug/l	99
10) Methyl Iodide	2.195	142	364391	47.381	ug/l	99
11) Tert butyl alcohol	2.564	59	208559	254.851	ug/l	100
12) 1,1-Dichloroethene	2.082	96	246854	42.848	ug/l	97
13) Acrolein	2.011	56	48573	237.704	ug/l	93
14) Allyl chloride	2.358	41	351090	45.317	ug/l	99
15) Acrylonitrile	2.674	53	702913	245.546	ug/l	99
16) Acetone	2.117	43	545980	261.324	ug/l	100
17) Carbon Disulfide	2.252	76	552112	41.372	ug/l	99
18) Methyl Acetate	2.378	43	352442	49.472	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	859026	48.226	ug/l	98
20) Methylene Chloride	2.458	84	293951	42.572	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	254071	44.099	ug/l	98
22) Diisopropyl ether	3.211	45	792047	49.866	ug/l	97
23) Vinyl Acetate	3.188	43	2888221	252.167	ug/l	100
24) 1,1-Dichloroethane	3.121	63	475477	44.406	ug/l	99
25) 2-Butanone	3.860	43	817341	264.541	ug/l	98
26) 2,2-Dichloropropane	3.812	77	411752	41.490	ug/l	98
27) cis-1,2-Dichloroethene	3.821	96	314011	46.769	ug/l	100
28) Bromochloromethane	4.146	49	212802	46.501	ug/l #	100
29) Tetrahydrofuran	4.230	42	531587	254.043	ug/l	99
30) Chloroform	4.278	83	540121	46.297	ug/l	99
31) Cyclohexane	4.587	56	369984	43.631	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	484080	44.708	ug/l	99
36) 1,1-Dichloropropene	4.747	75	326039	48.291	ug/l	99
37) Ethyl Acetate	3.973	43	322318	46.785	ug/l	97
38) Carbon Tetrachloride	4.735	117	420953	47.369	ug/l	98
39) Methylcyclohexane	6.050	83	415846	47.107	ug/l	99
40) Benzene	5.011	78	1050963	47.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	151220	45.584	ug/l	99
42) 1,2-Dichloroethane	5.040	62	375916	47.626	ug/l	99
43) Isopropyl Acetate	5.188	43	527711	48.014	ug/l	100
44) Trichloroethene	5.834	130	275505	47.353	ug/l	97
45) 1,2-Dichloropropane	6.088	63	265285	47.380	ug/l	99
46) Dibromomethane	6.226	93	205192	46.471	ug/l	99
47) Bromodichloromethane	6.426	83	432261	46.233	ug/l	99
48) Methyl methacrylate	6.294	41	256625	49.104	ug/l	99
49) 1,4-Dioxane	6.284	88	82652	1140.987	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	1807092	260.553	ug/l	100
52) Toluene	7.307	92	692530	49.718	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	423230	47.284	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	448819	49.041	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	290863	47.753	ug/l	97
56) Ethyl methacrylate	7.712	69	416562	51.985	ug/l	98
57) 1,3-Dichloropropane	7.934	76	464649	48.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	690254	189.706	ug/l	100
59) 2-Hexanone	8.062	43	1292784	264.273	ug/l	100
60) Dibromochloromethane	8.169	129	359072	46.820	ug/l	98
61) 1,2-Dibromoethane	8.271	107	307108	48.734	ug/l	100
64) Tetrachloroethene	7.898	164	242536	45.282	ug/l	97
65) Chlorobenzene	8.805	112	802188	45.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	300500	45.845	ug/l	98
67) Ethyl Benzene	8.937	91	1352529	49.180	ug/l	100
68) m/p-Xylenes	9.062	106	1083858	102.894	ug/l	99
69) o-Xylene	9.468	106	505250	50.204	ug/l	100
70) Styrene	9.484	104	909950	51.786	ug/l	99
71) Bromoform	9.654	173	259457	48.712	ug/l #	98
73) Isopropylbenzene	9.857	105	1418155	49.253	ug/l	99
74) N-amyl acetate	9.725	43	491939	48.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	467180	44.756	ug/l	98
76) 1,2,3-Trichloropropane	10.197	75	353287	46.540	ug/l	98
77) Bromobenzene	10.140	156	346251	46.615	ug/l	99
78) n-propylbenzene	10.278	91	1689281	49.299	ug/l	100
79) 2-Chlorotoluene	10.349	91	995863	47.856	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1234659	50.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	160569	45.026	ug/l	96
82) 4-Chlorotoluene	10.461	91	1185898	49.432	ug/l	99
83) tert-Butylbenzene	10.789	119	1235040	48.368	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	1219026	50.520	ug/l	100
85) sec-Butylbenzene	11.014	105	1608872	49.492	ug/l	99
86) p-Isopropyltoluene	11.165	119	1385087	49.697	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	688746	45.610	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	714051	44.876	ug/l	99
89) n-Butylbenzene	11.580	91	1306845	50.594	ug/l	99
90) Hexachloroethane	11.821	117	267699	44.249	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	666044	46.795	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	104995	47.509	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	446060	48.348	ug/l	100
94) Hexachlorobutadiene	13.368	225	204332	45.894	ug/l	96
95) Naphthalene	13.422	128	1495523	50.954	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	458453	48.152	ug/l	98

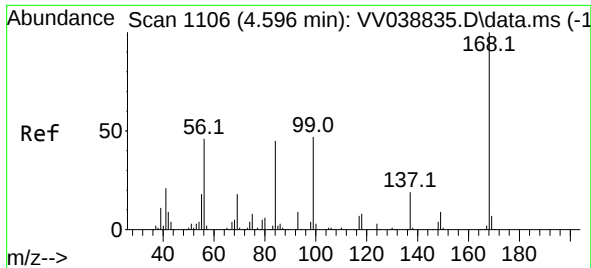
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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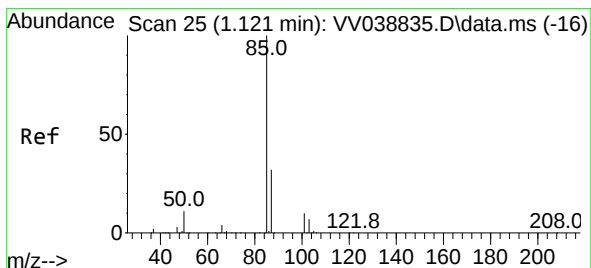
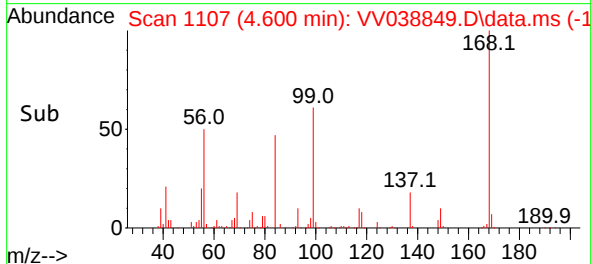
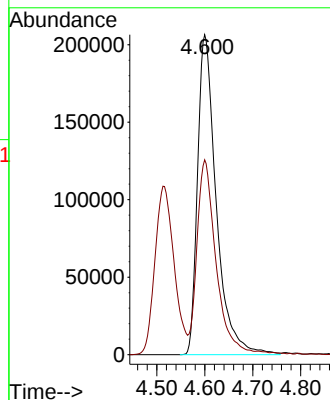
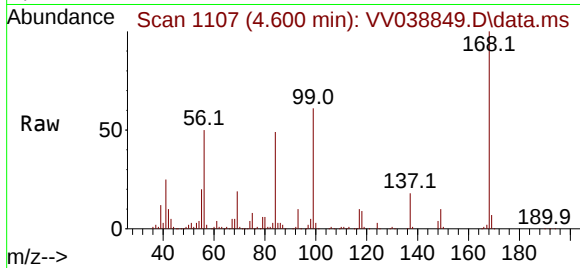
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

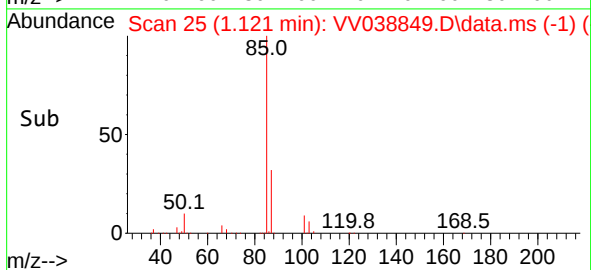
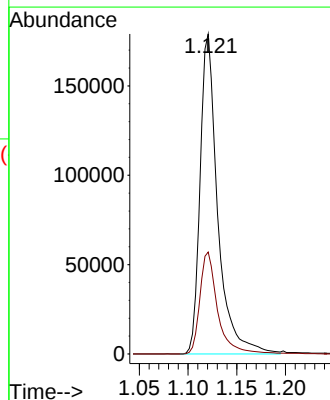
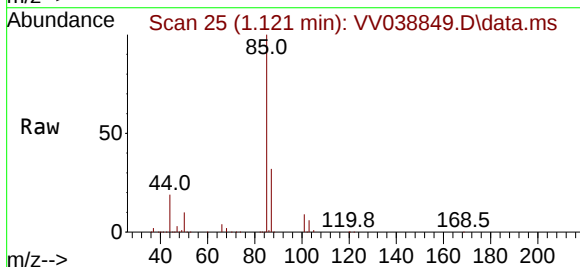
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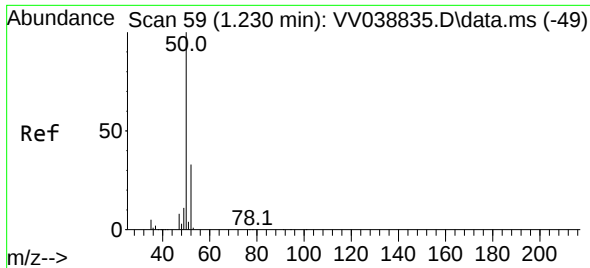
Tgt Ion:168 Resp: 559407
Ion Ratio Lower Upper
168 100
99 60.4 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 42.402 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 85 Resp: 225167
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.3

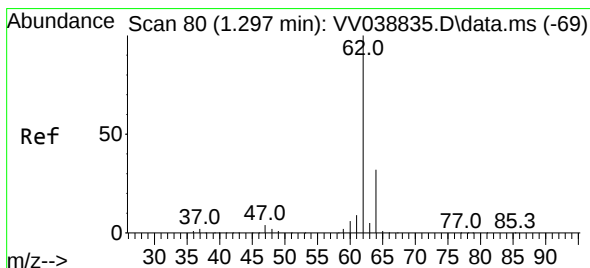
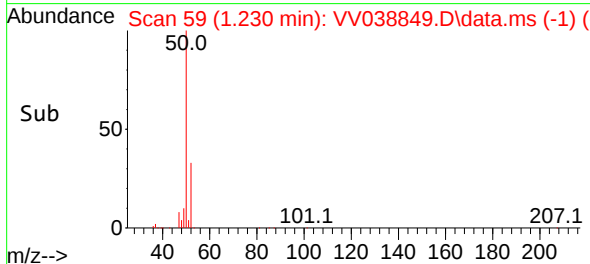
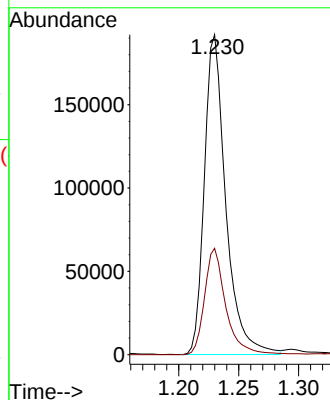
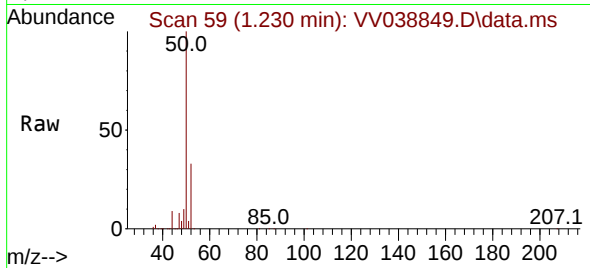




#3
Chloromethane
Concen: 41.525 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

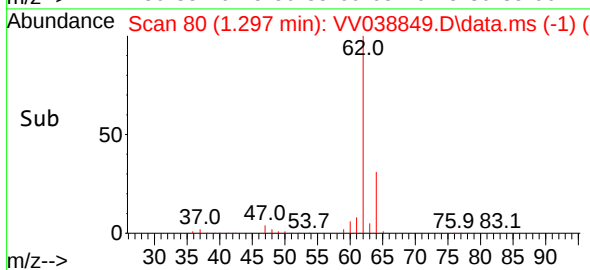
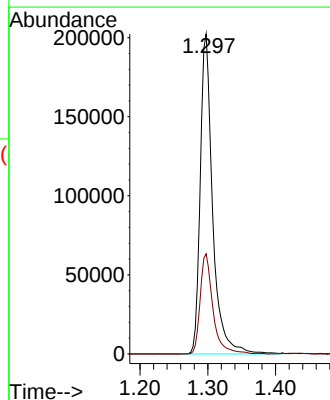
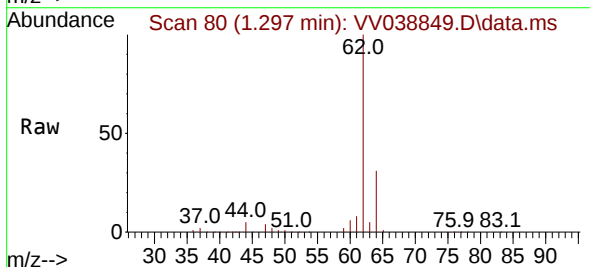
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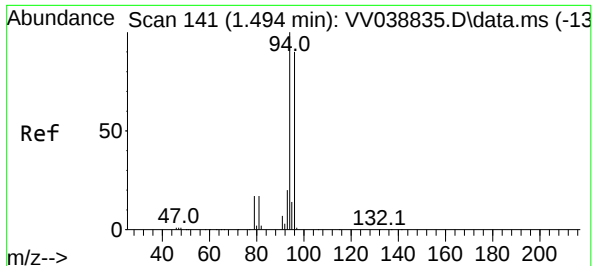
Tgt Ion: 50 Resp: 238631
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 42.362 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 62 Resp: 256668
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3

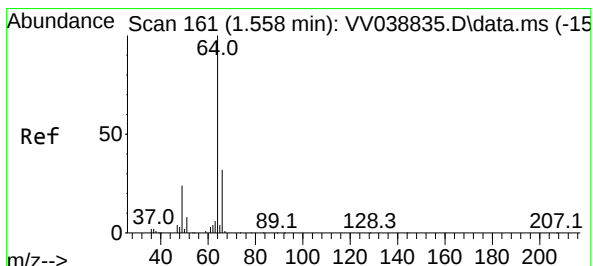
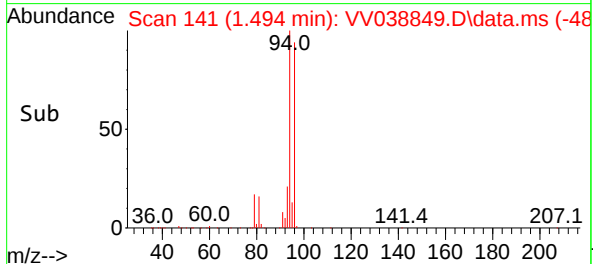
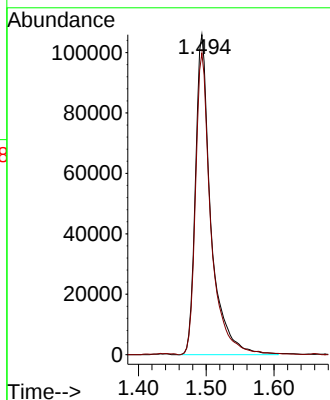
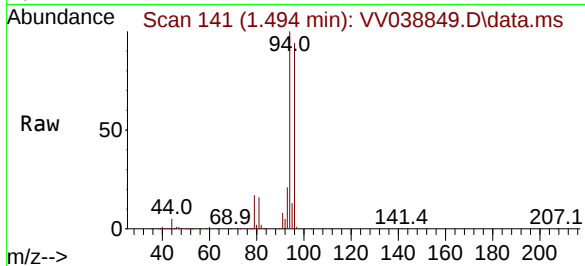




#5
Bromomethane
Concen: 45.351 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

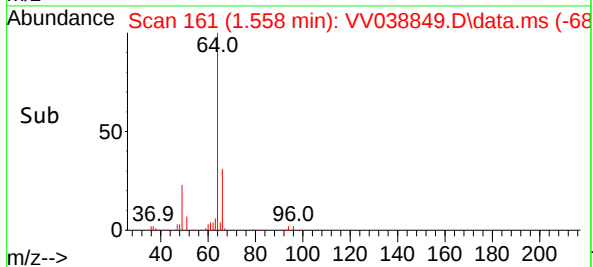
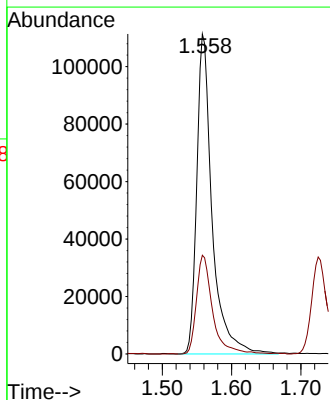
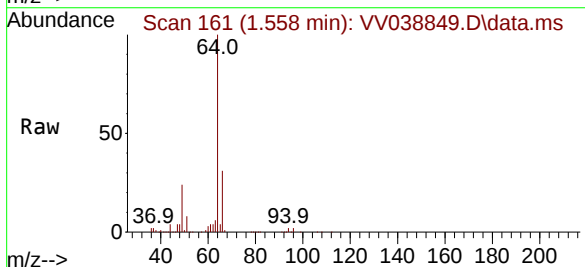
Instrument :
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Tgt Ion: 94 Resp: 167689
Ion Ratio Lower Upper
94 100
96 94.2 72.2 108.4



#6
Chloroethane
Concen: 42.196 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 64 Resp: 171397
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

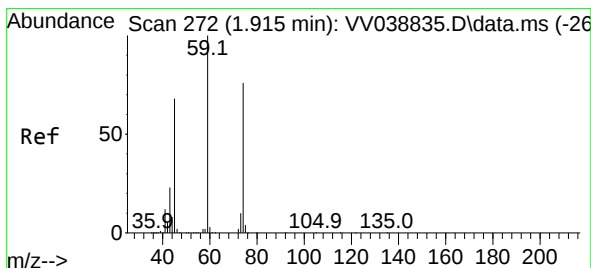
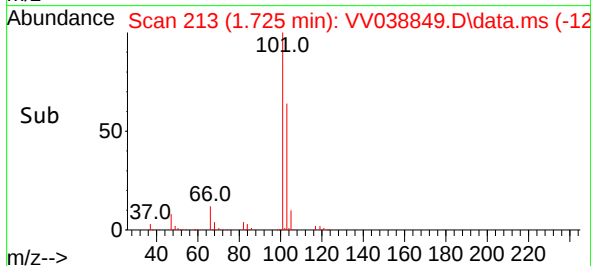
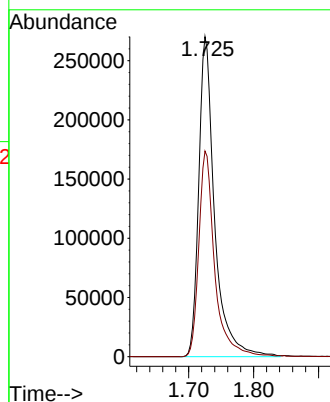
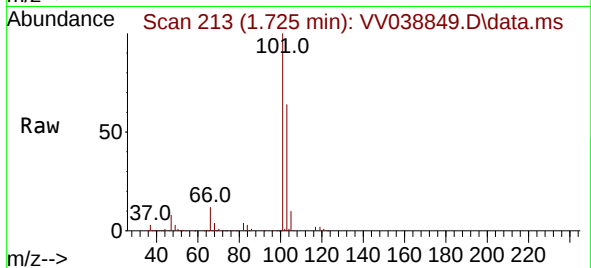




#7
Trichlorofluoromethane
Concen: 42.889 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
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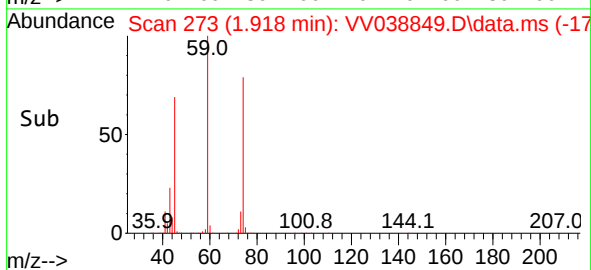
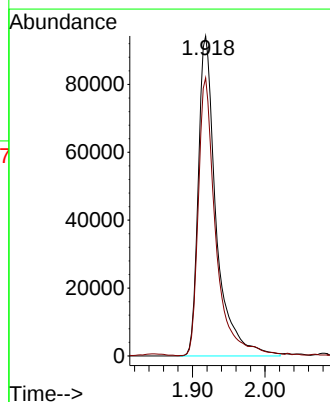
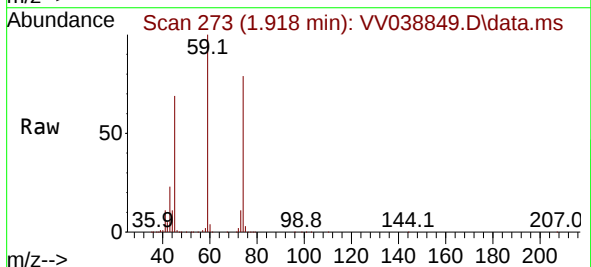
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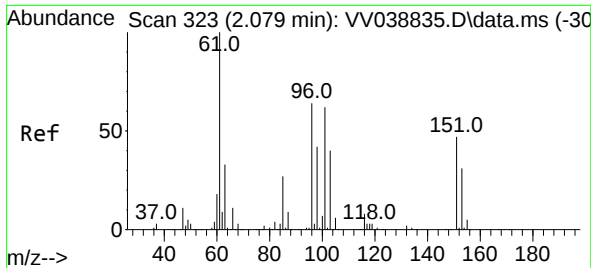
Tgt Ion:101 Resp: 459759
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2



#8
Diethyl Ether
Concen: 43.271 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 74 Resp: 161414
Ion Ratio Lower Upper
74 100
45 84.8 43.9 131.7

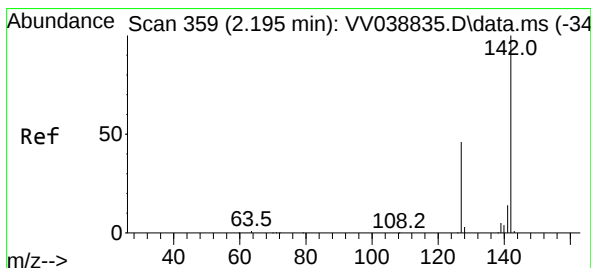
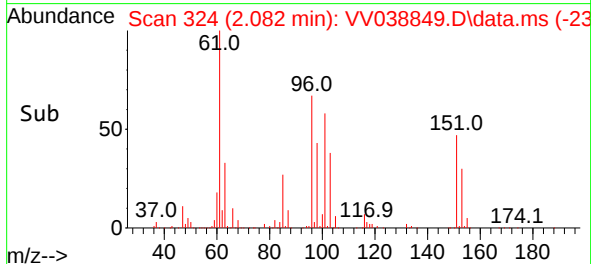
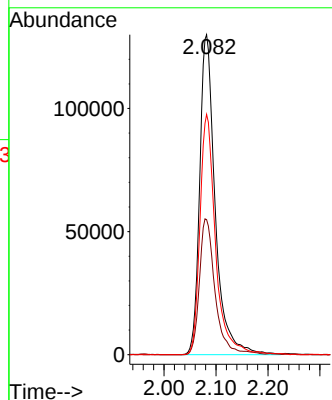
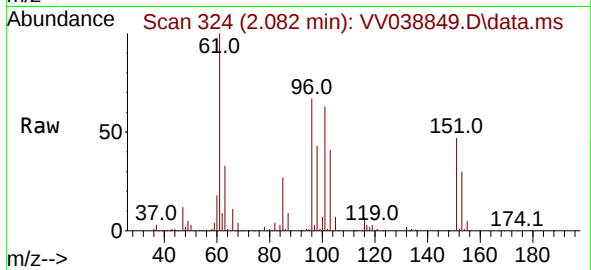




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.574 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038849.D
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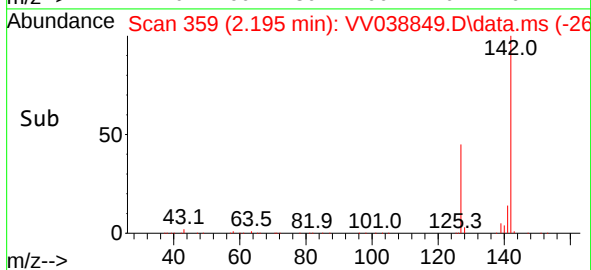
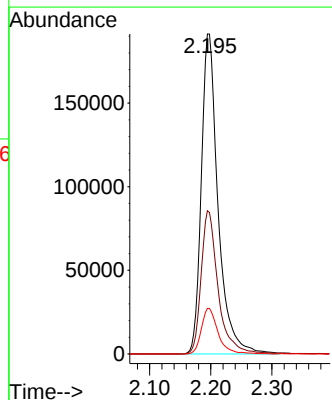
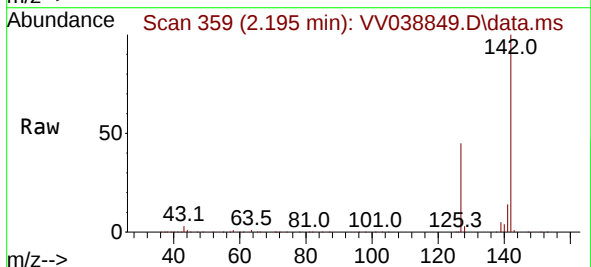
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ClientSampleId :
VSTDCCC050EC

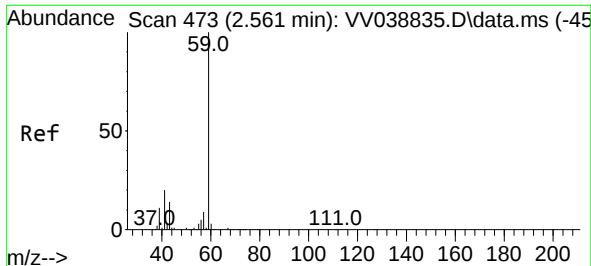
Tgt Ion:101 Resp: 270180
Ion Ratio Lower Upper
101 100
85 43.0 34.6 52.0
151 74.9 60.4 90.6



#10
Methyl Iodide
Concen: 47.381 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion:142 Resp: 364391
Ion Ratio Lower Upper
142 100
127 45.3 36.9 55.3
141 14.2 11.8 17.8

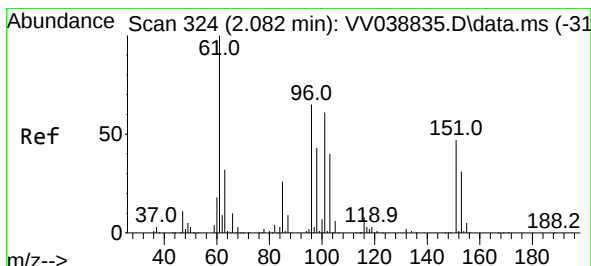
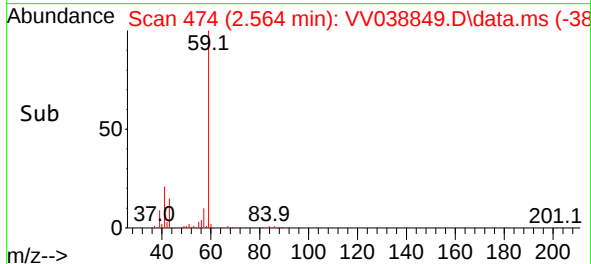
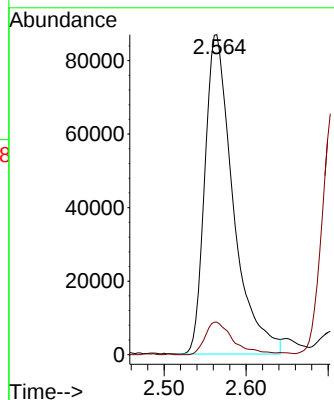
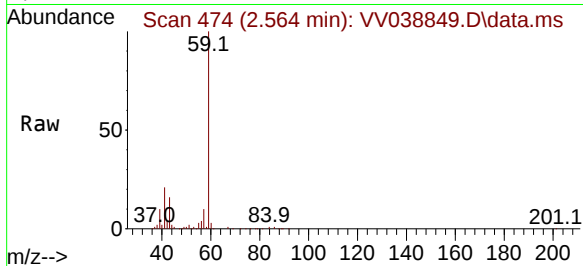




#11
Tert butyl alcohol
Concen: 254.851 ug/l
RT: 2.564 min Scan# 473
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

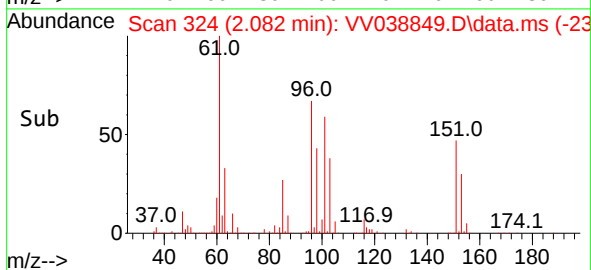
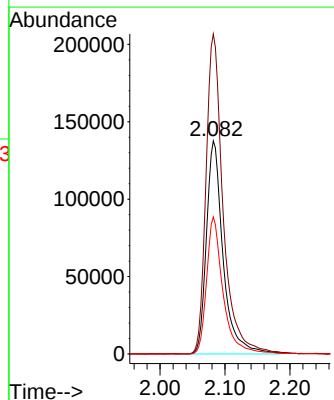
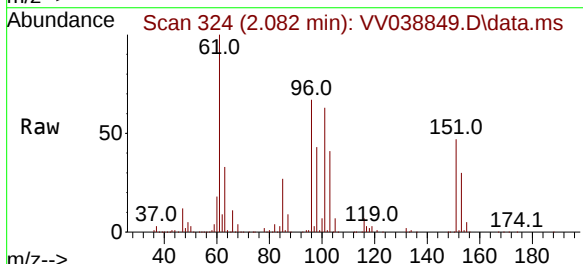
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

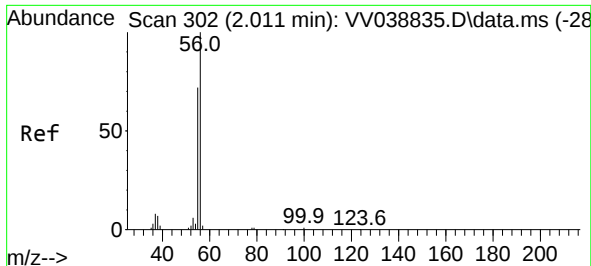
Tgt Ion: 59 Resp: 208559
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 42.848 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 96 Resp: 246854
Ion Ratio Lower Upper
96 100
61 150.0 123.5 185.3
98 64.3 52.5 78.7

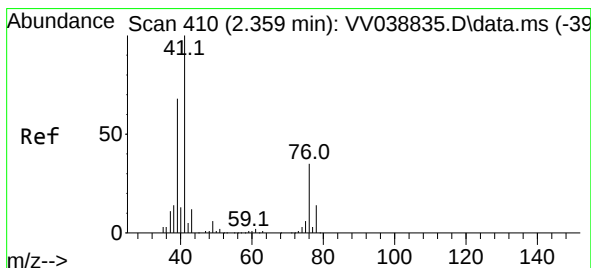
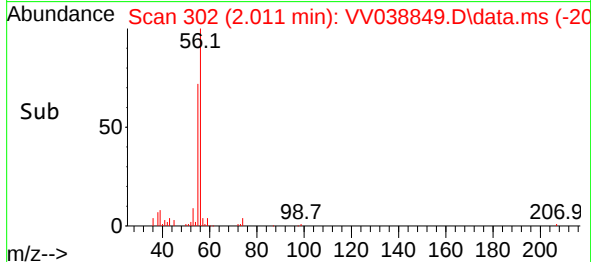
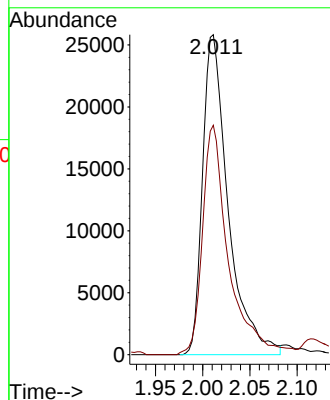
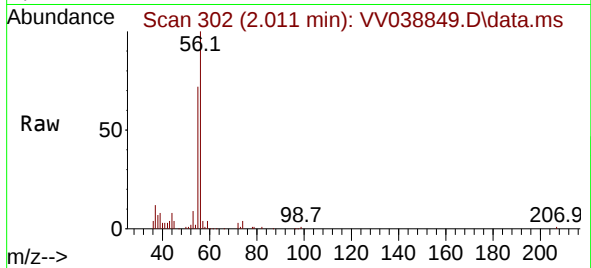




#13
Acrolein
Concen: 237.704 ug/l
RT: 2.011 min Scan# 302
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

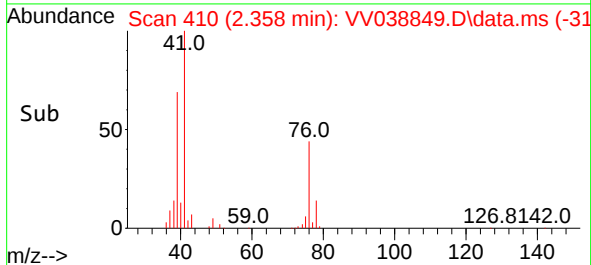
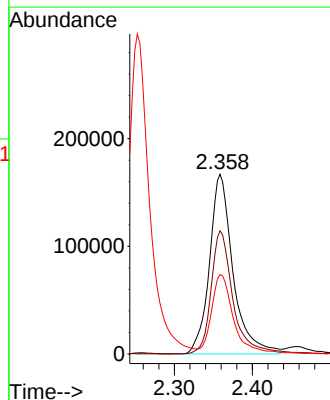
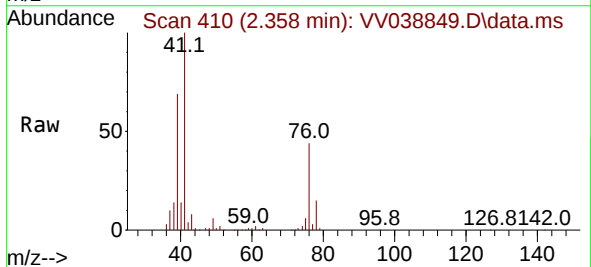
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

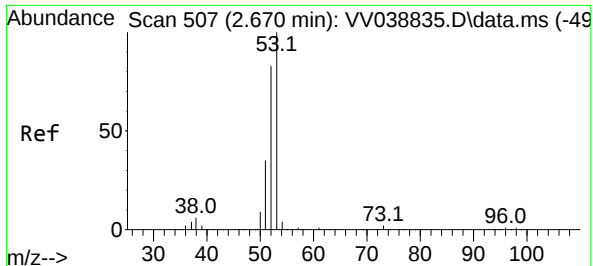
Tgt Ion: 56 Resp: 48573
Ion Ratio Lower Upper
56 100
55 72.8 53.4 80.2



#14
Allyl chloride
Concen: 45.317 ug/l
RT: 2.358 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 41 Resp: 351090
Ion Ratio Lower Upper
41 100
39 64.4 51.0 76.4
76 41.1 33.6 50.4

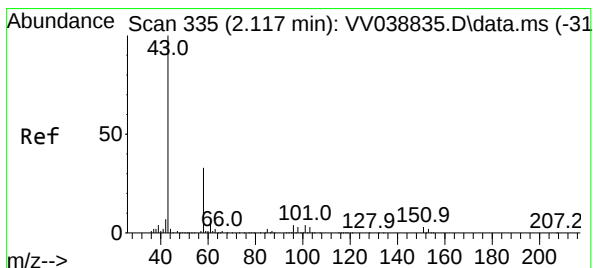
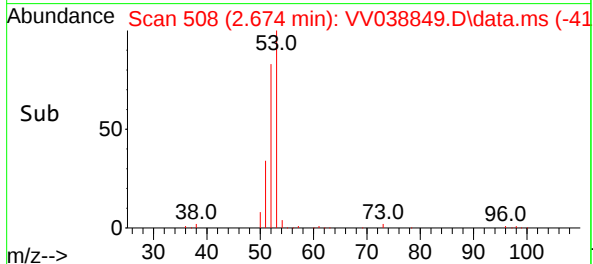
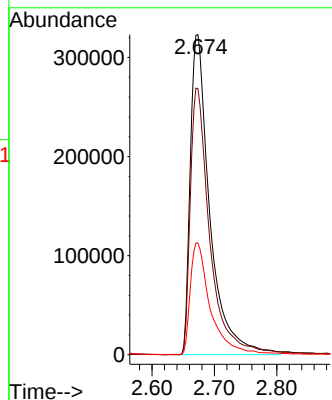
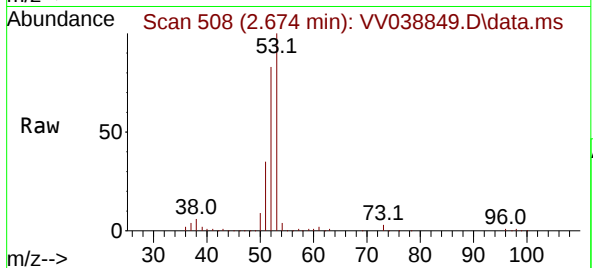




#15
Acrylonitrile
Concen: 245.546 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

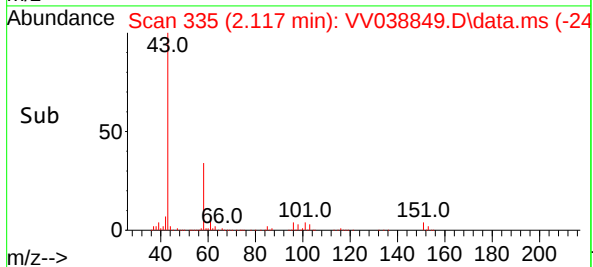
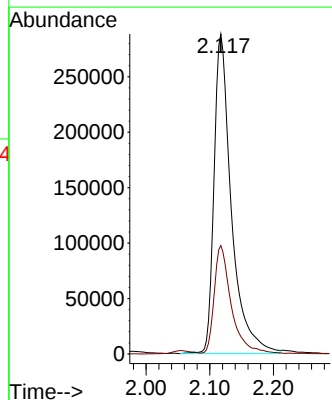
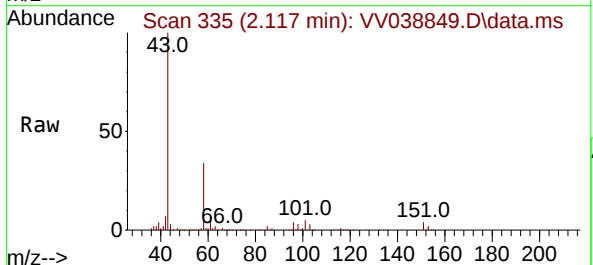
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

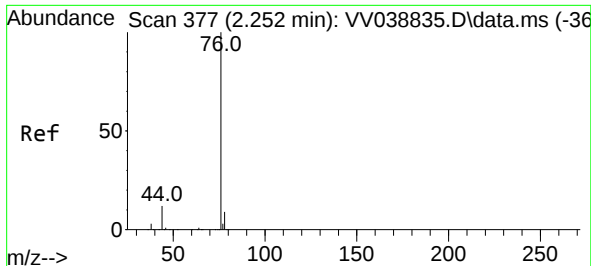
Tgt Ion: 53 Resp: 702913
Ion Ratio Lower Upper
53 100
52 83.2 65.8 98.6
51 35.8 28.5 42.7



#16
Acetone
Concen: 261.324 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 43 Resp: 545980
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.4

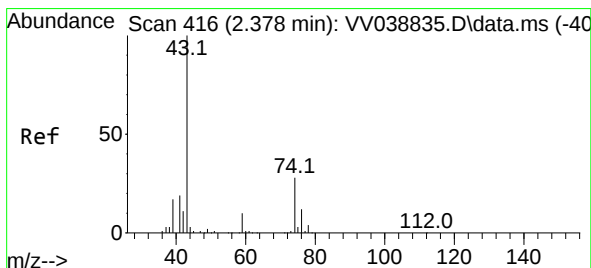
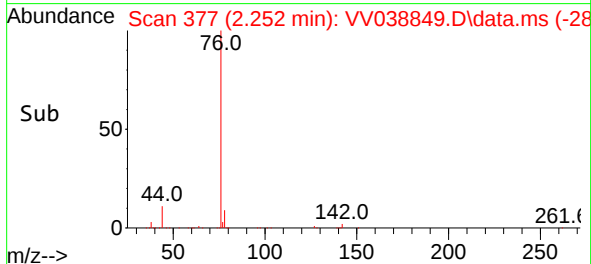
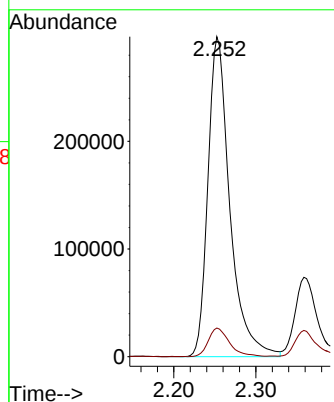
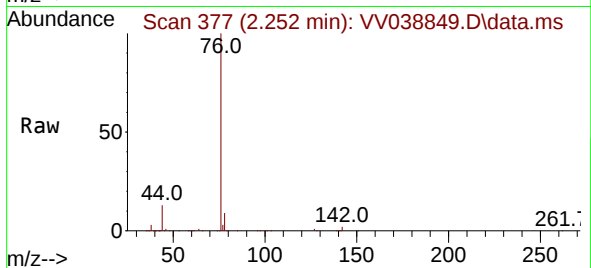




#17
Carbon Disulfide
Concen: 41.372 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

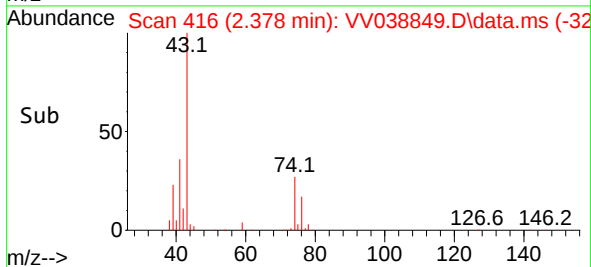
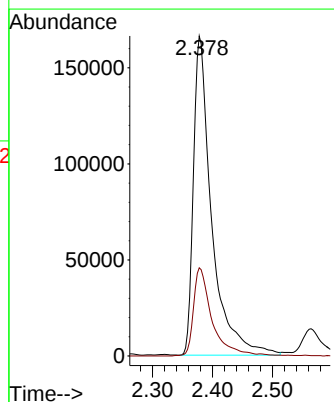
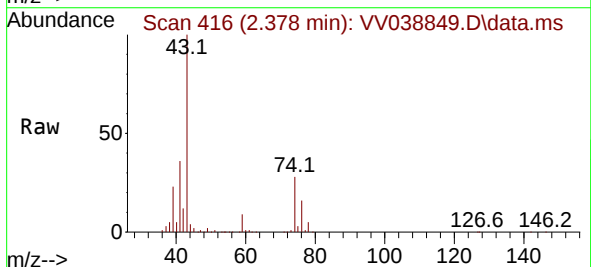
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

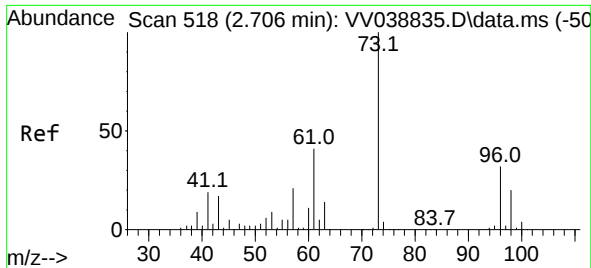
Tgt Ion: 76 Resp: 552112
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 49.472 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 43 Resp: 352442
Ion Ratio Lower Upper
43 100
74 27.7 21.4 32.0

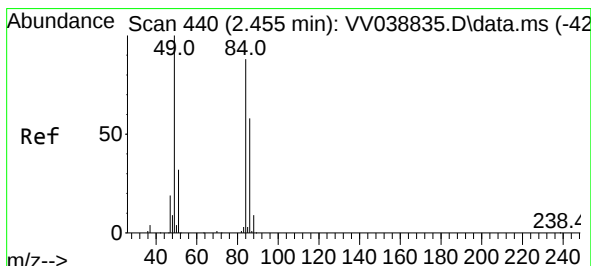
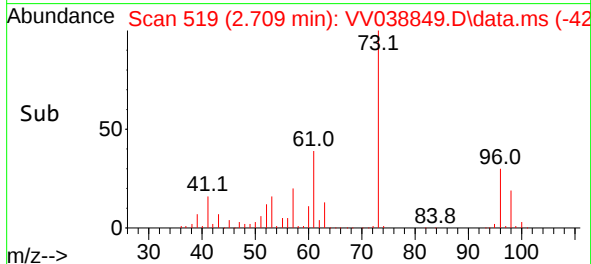
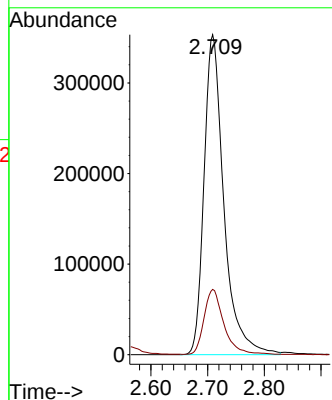
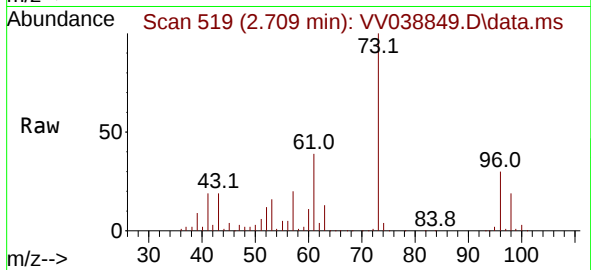




#19
Methyl tert-butyl Ether
Concen: 48.226 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

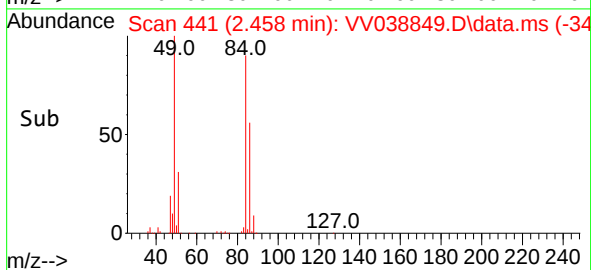
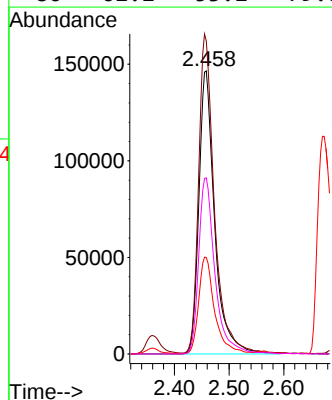
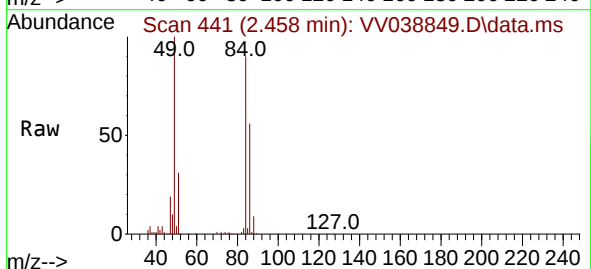
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

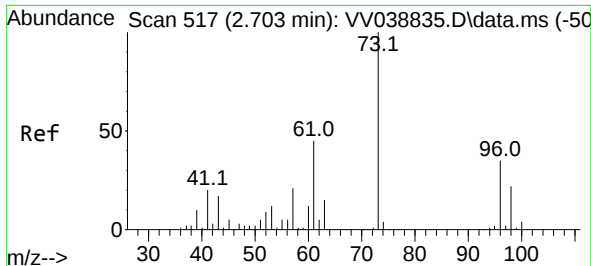
Tgt Ion: 73 Resp: 859026
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.4



#20
Methylene Chloride
Concen: 42.572 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 84 Resp: 293951
Ion Ratio Lower Upper
84 100
49 110.3 91.0 136.4
51 33.9 29.4 44.2
86 62.2 53.2 79.8

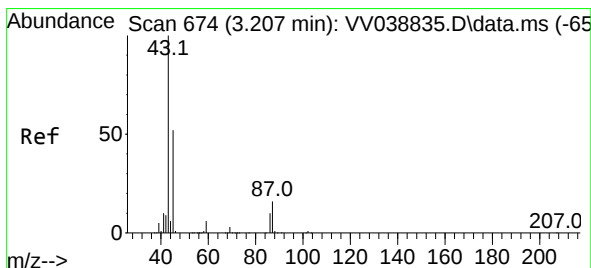
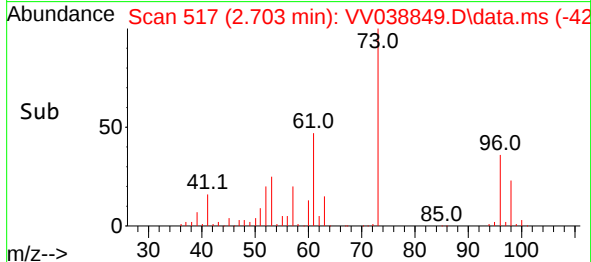
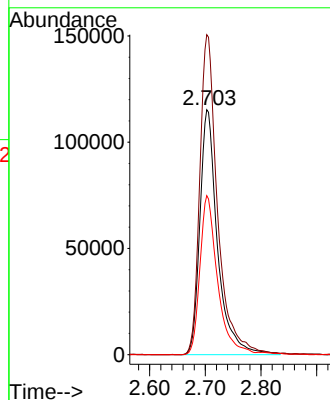
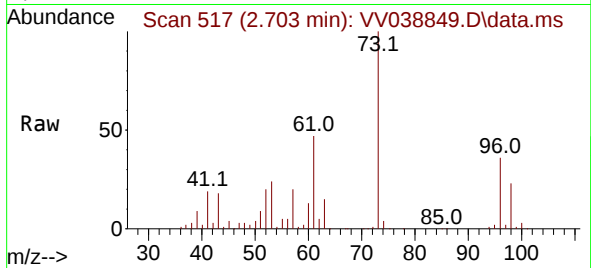




#21
trans-1,2-Dichloroethene
Concen: 44.099 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

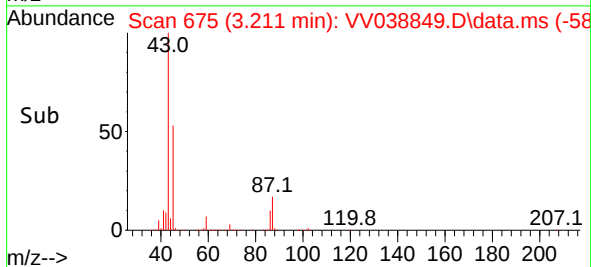
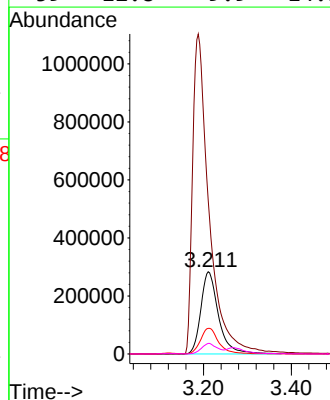
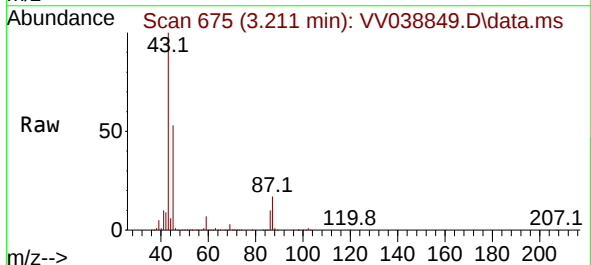
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

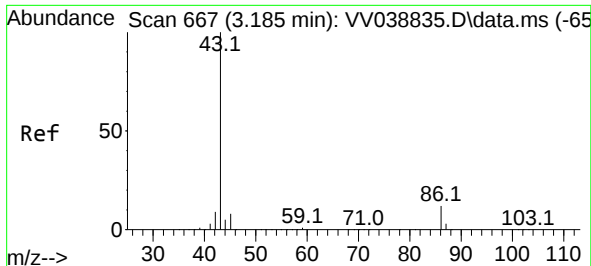
Tgt Ion: 96 Resp: 254071
Ion Ratio Lower Upper
96 100
61 130.6 102.8 154.2
98 64.9 50.9 76.3



#22
Diisopropyl ether
Concen: 49.866 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 45 Resp: 792047
Ion Ratio Lower Upper
45 100
43 187.0 153.1 229.7
87 30.9 25.2 37.8
59 12.8 9.9 14.9

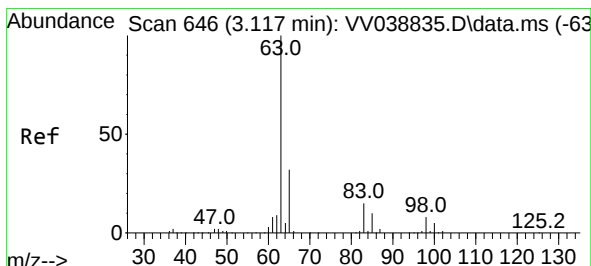
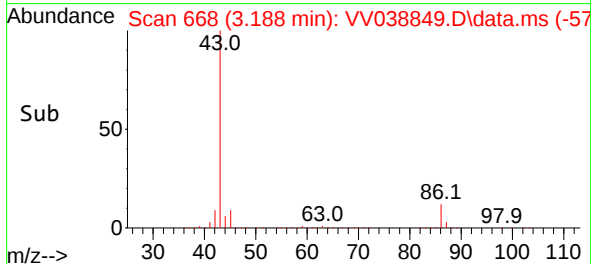
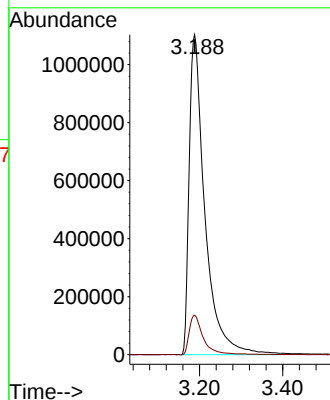
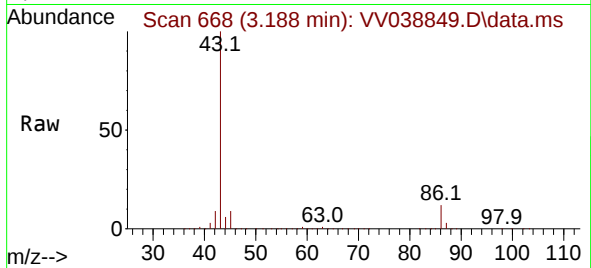




#23
 Vinyl Acetate
 Concen: 252.167 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

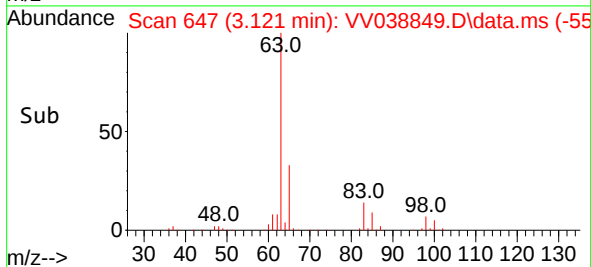
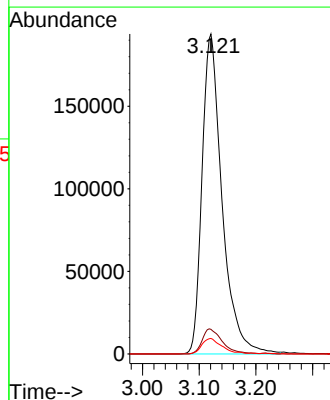
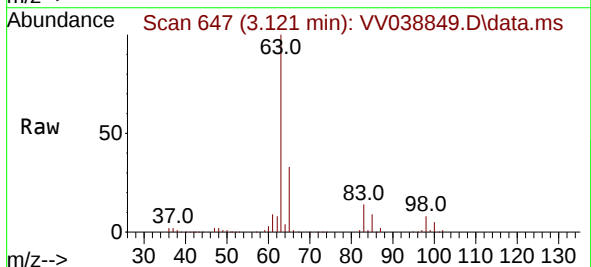
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

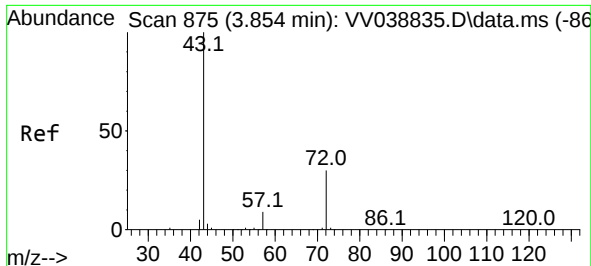
Tgt Ion: 43 Resp: 2888221
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 44.406 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

Tgt Ion: 63 Resp: 475477
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.1 12.3
 100 4.9 2.4 7.2

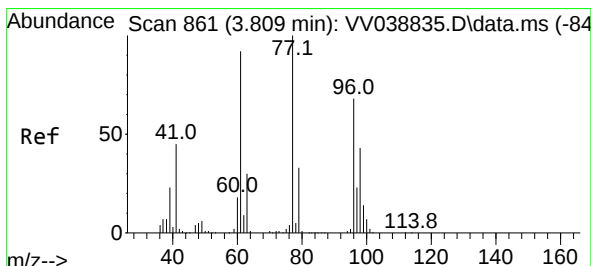
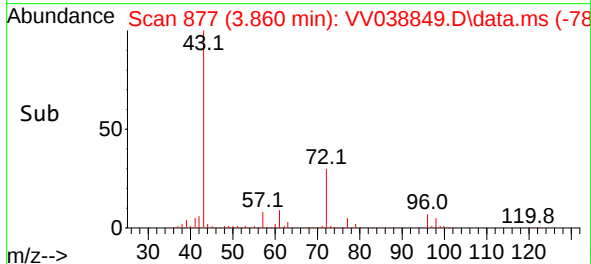
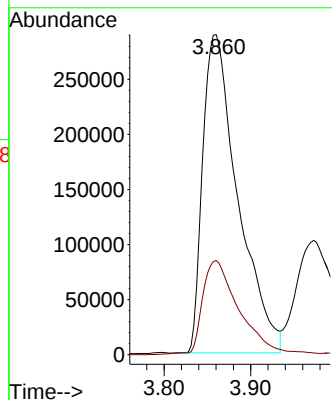
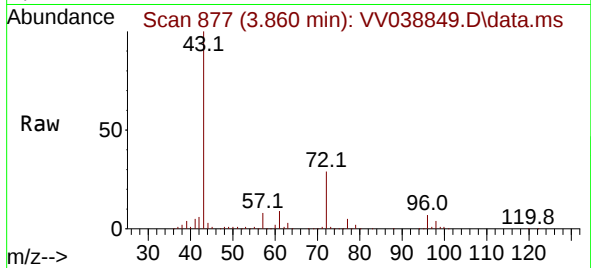




#25
2-Butanone
Concen: 264.541 ug/l
RT: 3.860 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

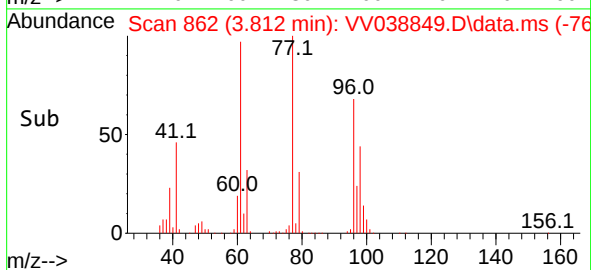
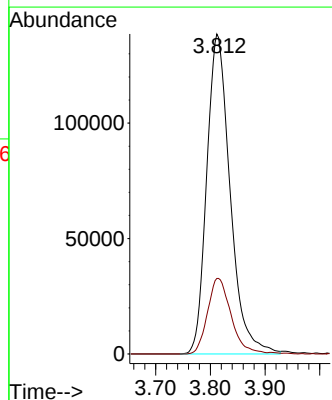
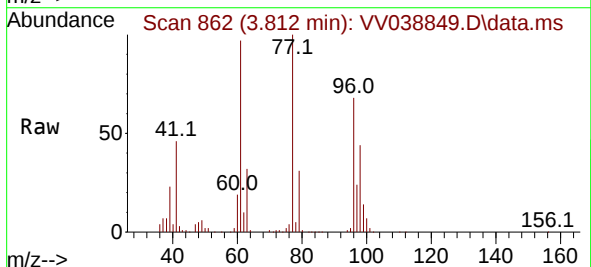
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

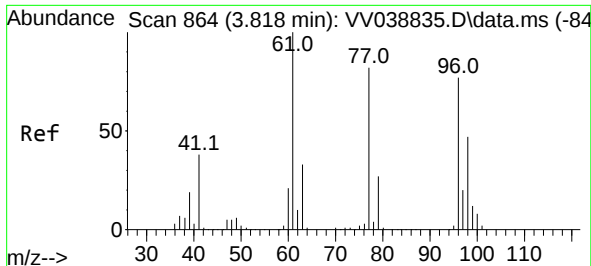
Tgt Ion: 43 Resp: 817341
Ion Ratio Lower Upper
43 100
72 29.0 23.8 35.8



#26
2,2-Dichloropropane
Concen: 41.490 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 77 Resp: 411752
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 46.769 ug/l

RT: 3.821 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

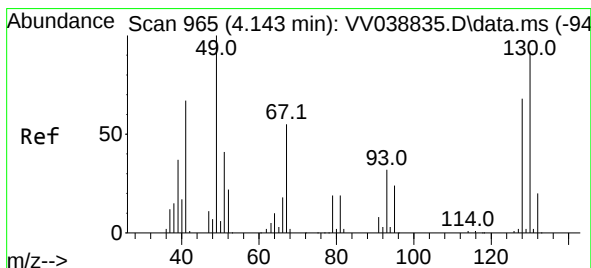
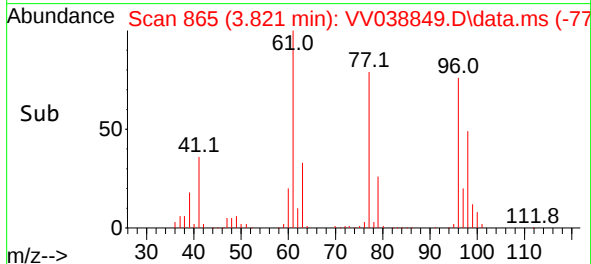
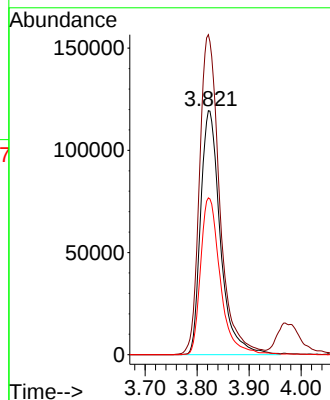
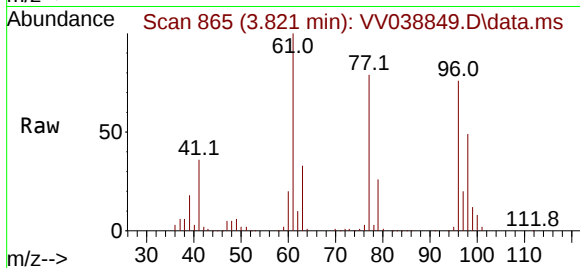
Tgt Ion: 96 Resp: 314011

Ion Ratio Lower Upper

96 100

61 134.8 0.0 268.4

98 63.8 0.0 128.0



#28

Bromochloromethane

Concen: 46.501 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

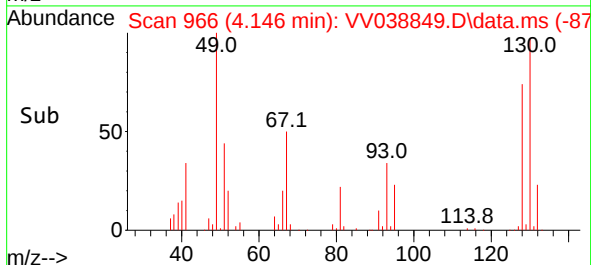
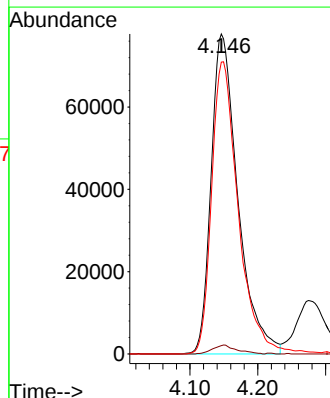
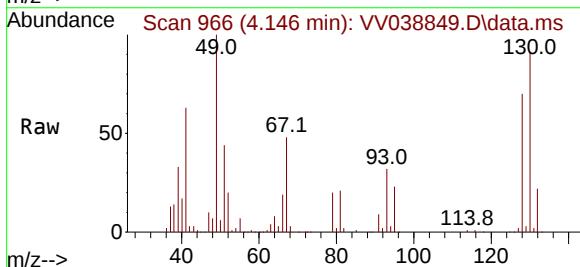
Tgt Ion: 49 Resp: 212802

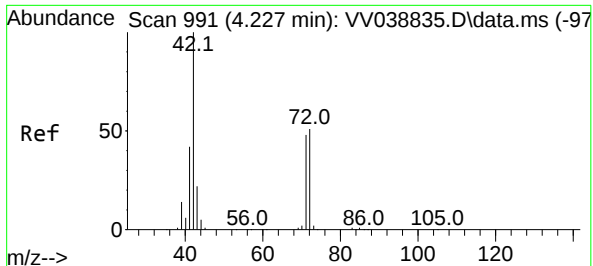
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 90.8 72.5 108.7





#29

Tetrahydrofuran

Concen: 254.043 ug/l

RT: 4.230 min Scan# 991

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

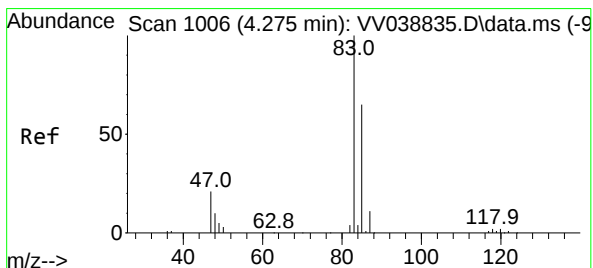
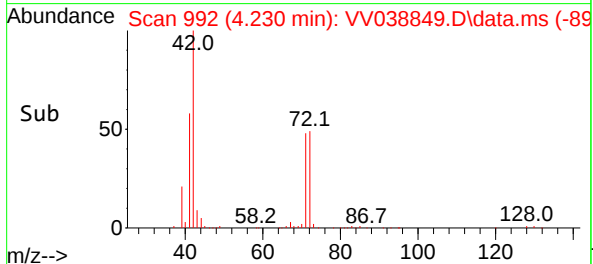
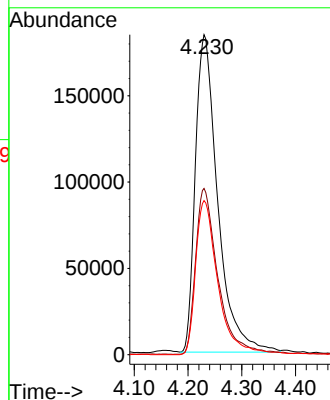
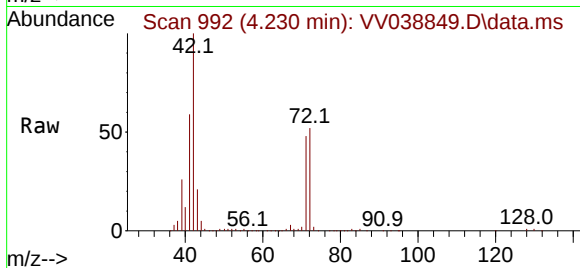
Tgt Ion: 42 Resp: 531587

Ion Ratio Lower Upper

42 100

72 51.7 41.3 61.9

71 48.2 39.2 58.8



#30

Chloroform

Concen: 46.297 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038849.D

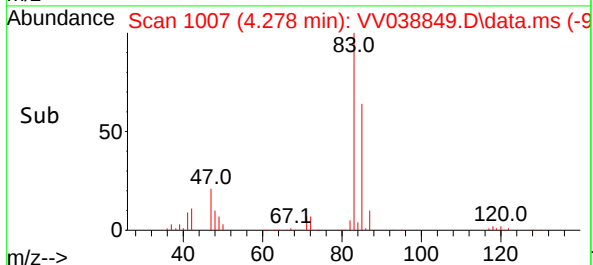
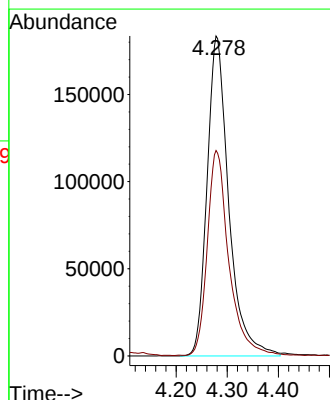
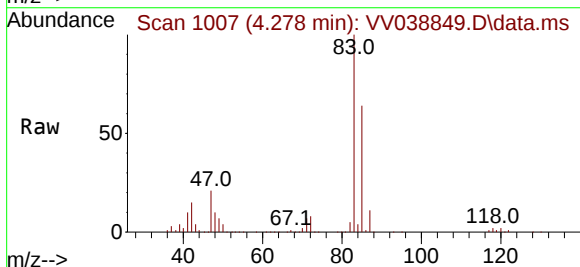
Acq: 02 Jul 2025 18:26

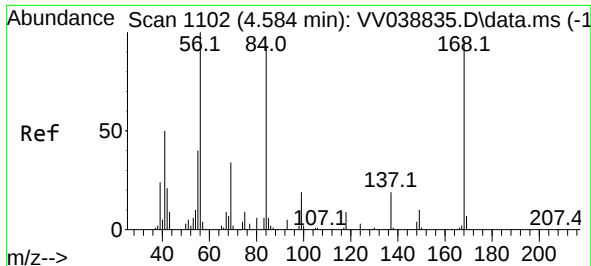
Tgt Ion: 83 Resp: 540121

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

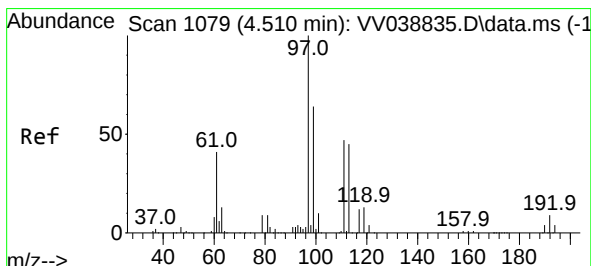
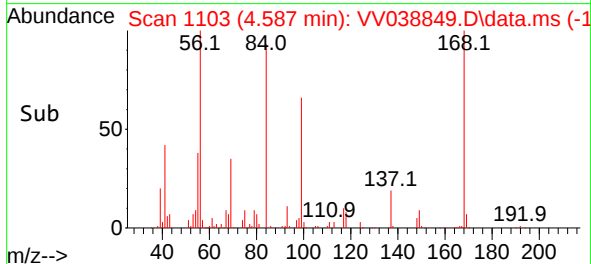
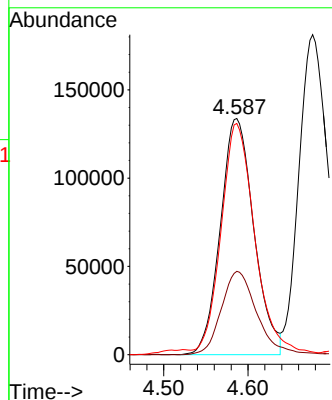
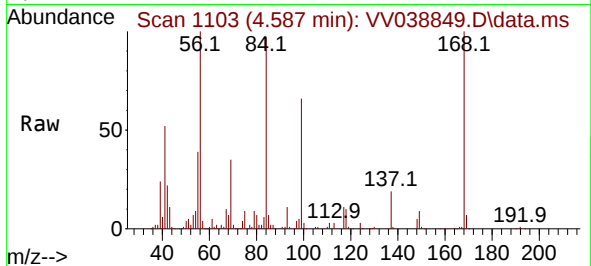




#31
Cyclohexane
Concen: 43.631 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

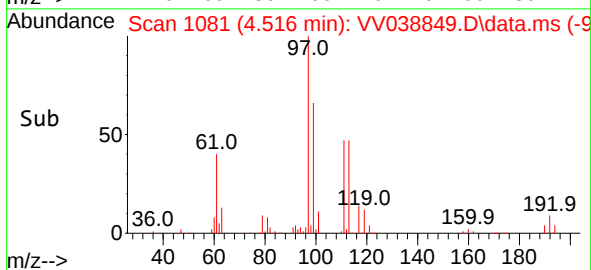
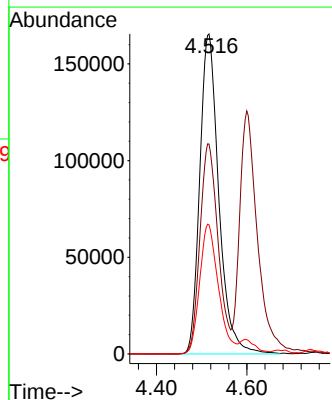
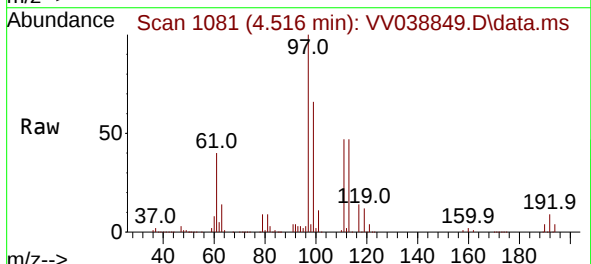
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

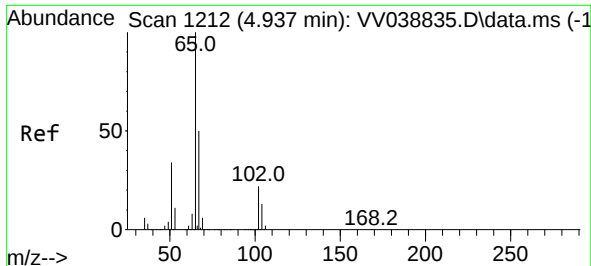
Tgt Ion: 56 Resp: 369984
Ion Ratio Lower Upper
56 100
69 35.3 27.0 40.4
84 95.9 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 44.708 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 97 Resp: 484080
Ion Ratio Lower Upper
97 100
99 62.4 48.8 73.2
61 39.9 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 50.203 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

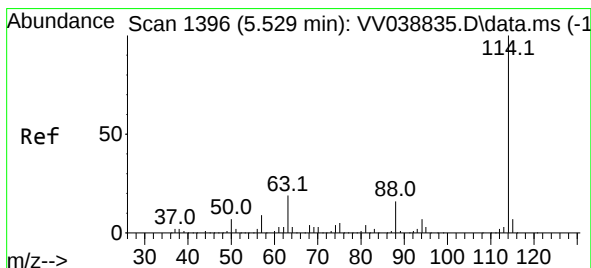
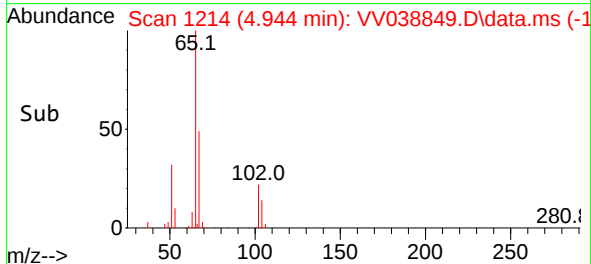
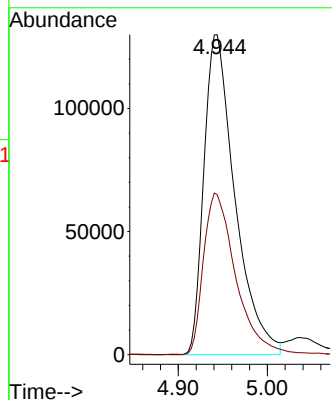
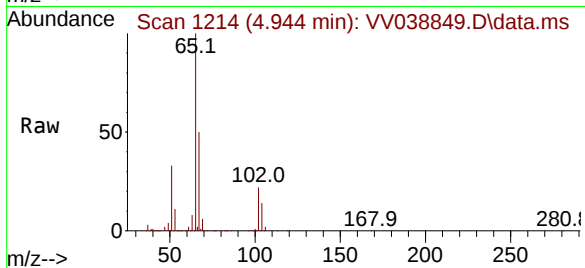
VSTDCCC050EC

Tgt Ion: 65 Resp: 314751

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

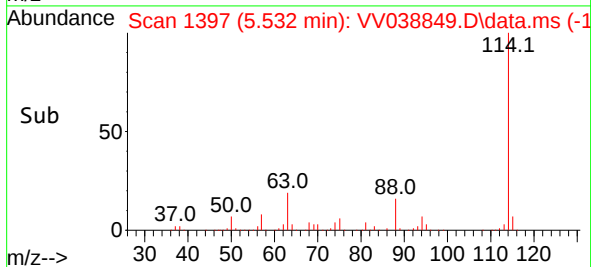
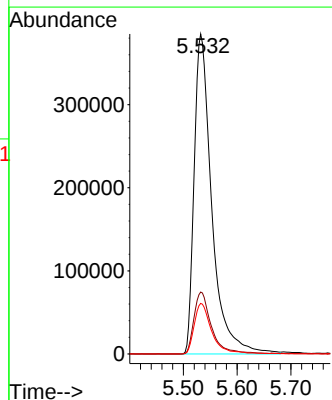
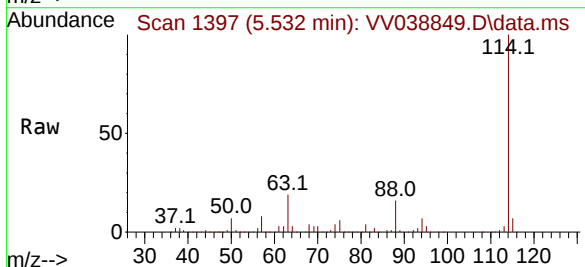
Tgt Ion: 114 Resp: 878398

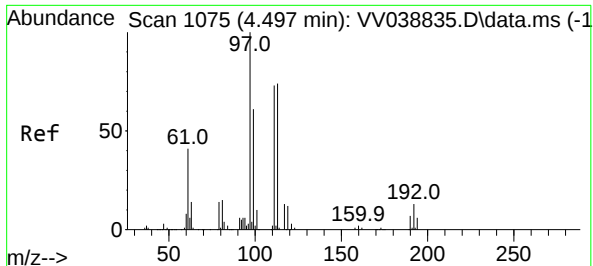
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.8 0.0 31.2

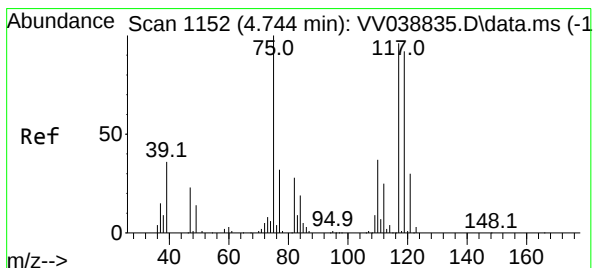
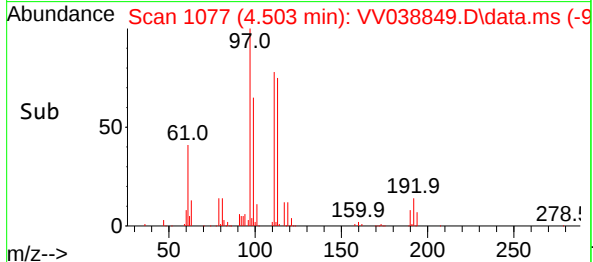
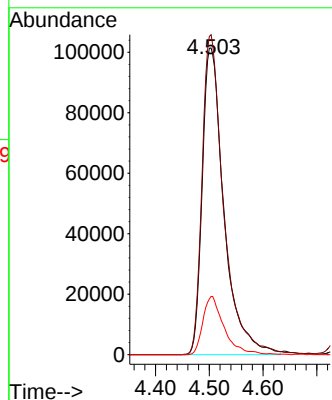
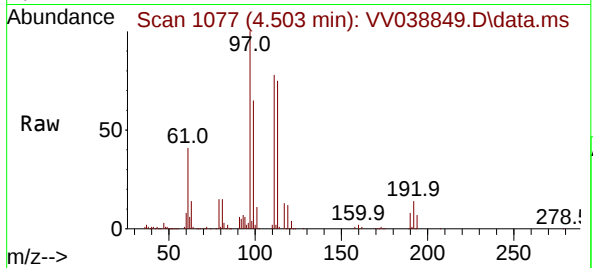




#35
 Dibromofluoromethane
 Concen: 51.286 ug/l
 RT: 4.503 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

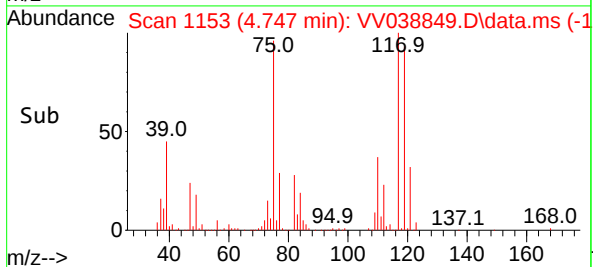
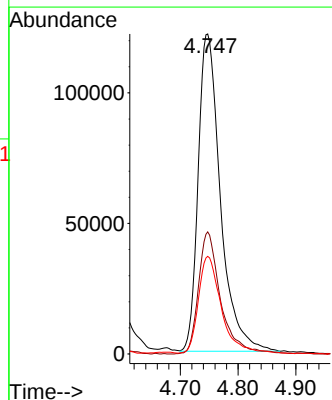
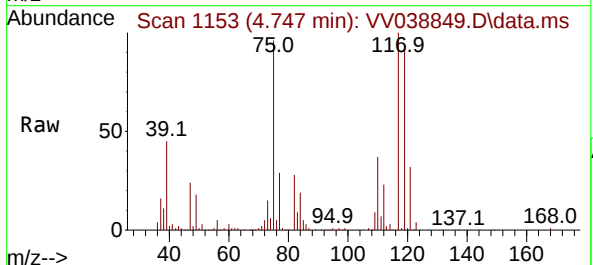
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

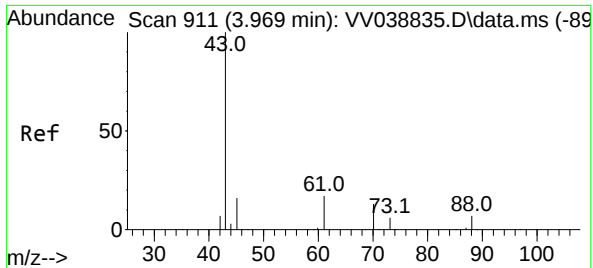
Tgt Ion:113 Resp: 285353
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 18.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 48.291 ug/l
 RT: 4.747 min Scan# 1153
 Delta R.T. 0.003 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

Tgt Ion: 75 Resp: 326039
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.3 57.9
 77 31.0 25.1 37.7

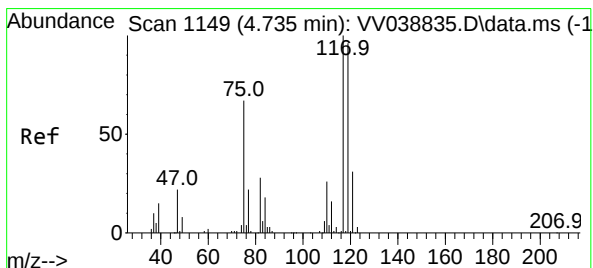
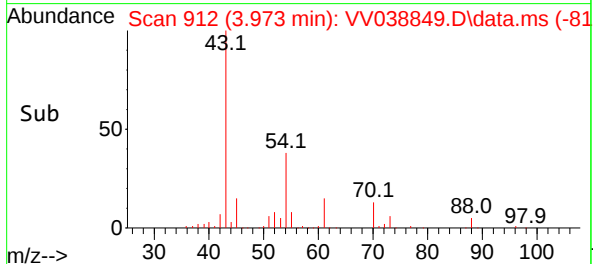
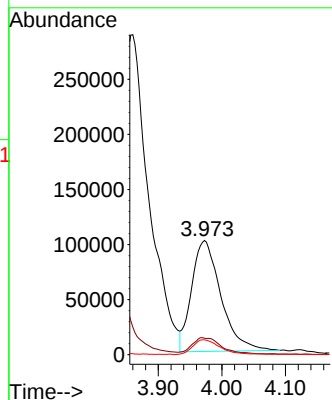
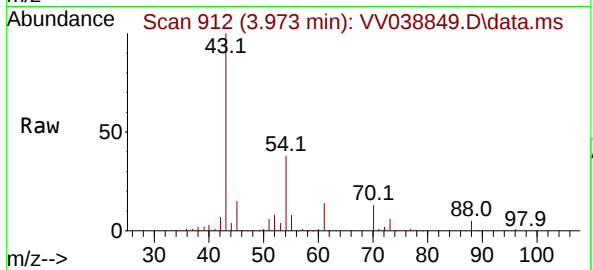




#37
Ethyl Acetate
Concen: 46.785 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

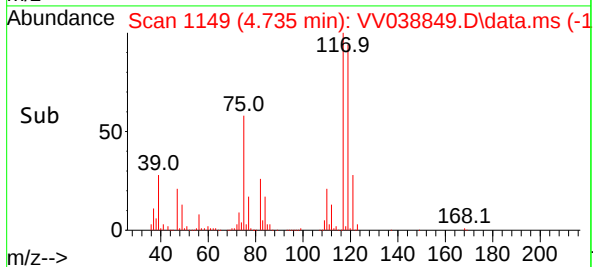
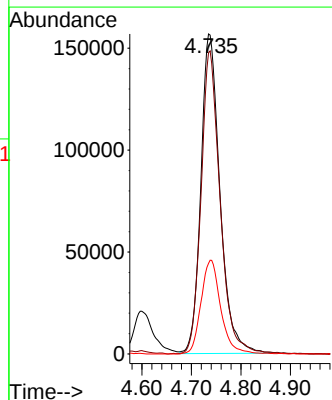
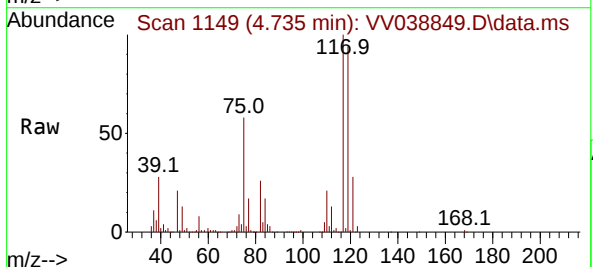
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

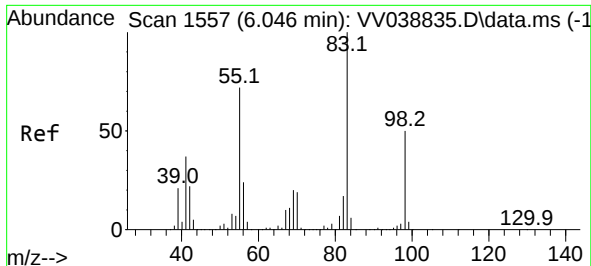
Tgt Ion: 43 Resp: 322318
Ion Ratio Lower Upper
43 100
61 14.6 13.0 19.4
70 12.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 47.369 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 117 Resp: 420953
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7
121 28.4 25.0 37.6





#39

Methylcyclohexane

Concen: 47.107 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

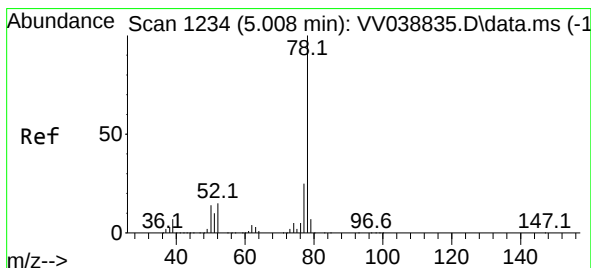
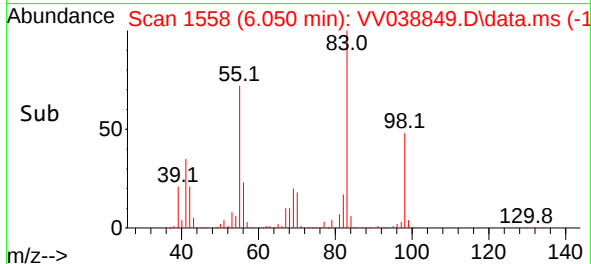
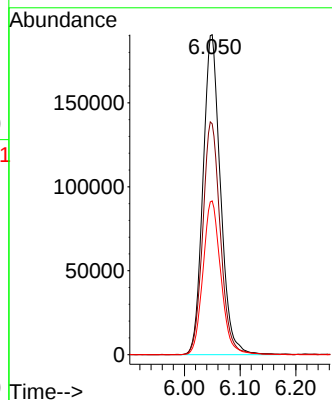
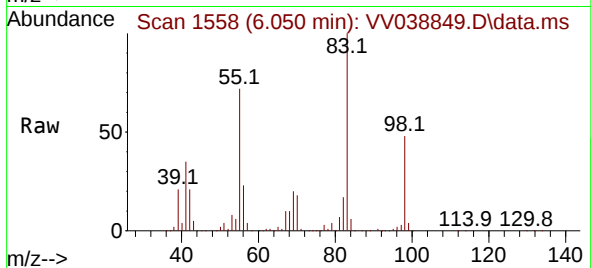
Tgt Ion: 83 Resp: 415846

Ion Ratio Lower Upper

83 100

55 72.1 57.7 86.5

98 48.1 40.2 60.2



#40

Benzene

Concen: 47.141 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038849.D

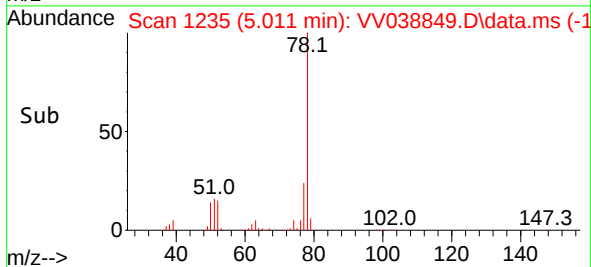
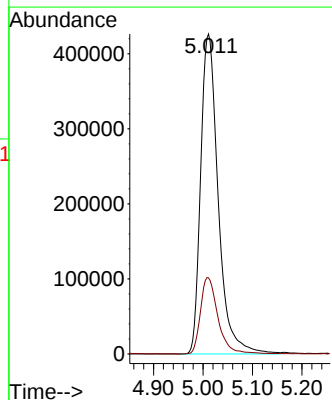
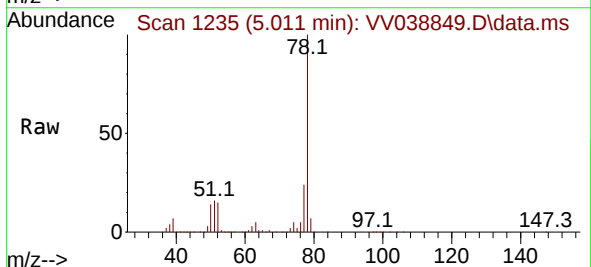
Acq: 02 Jul 2025 18:26

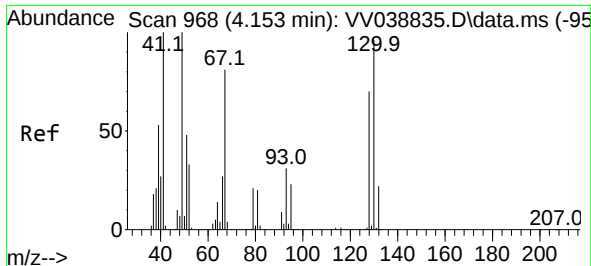
Tgt Ion: 78 Resp: 1050963

Ion Ratio Lower Upper

78 100

77 23.8 19.6 29.4



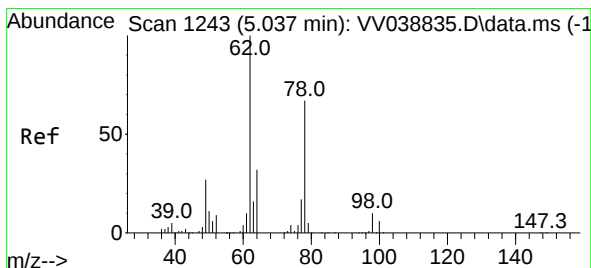
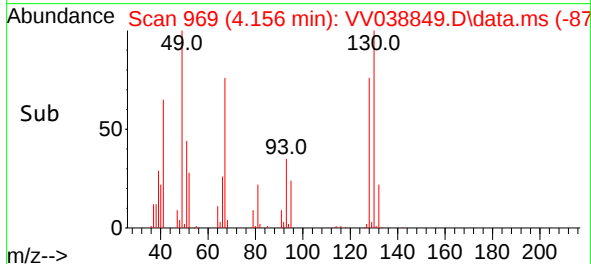
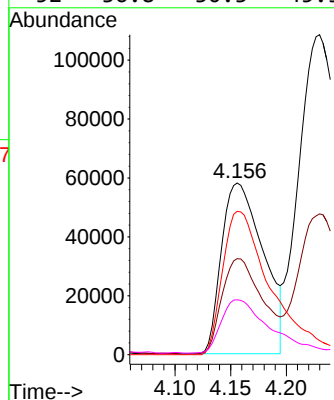
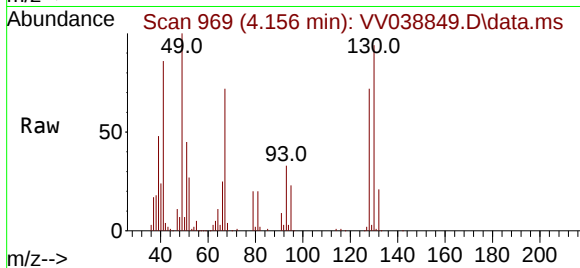


#41
Methacrylonitrile
Concen: 45.584 ug/l
RT: 4.156 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 151220

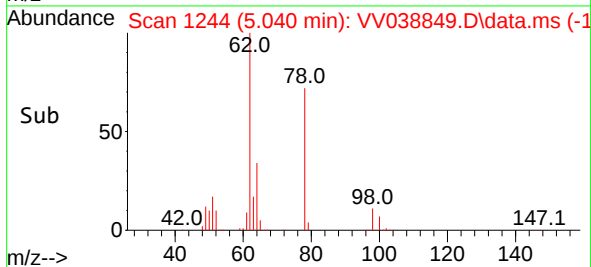
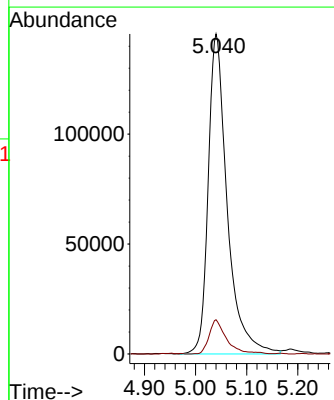
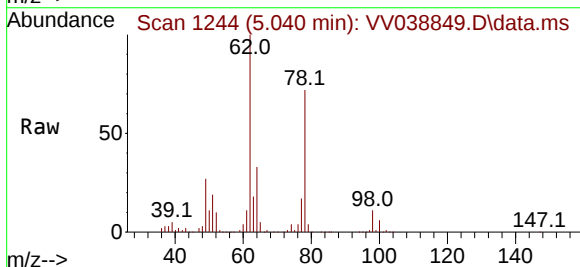
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.8	65.8
67	98.4	78.8	118.2
52	36.8	30.3	45.5

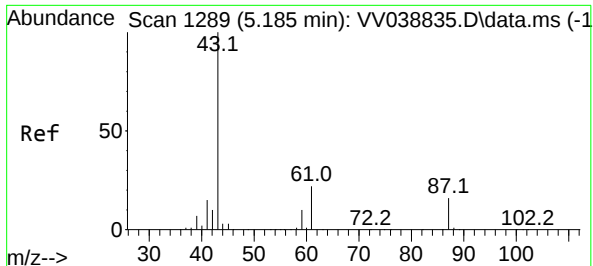


#42
1,2-Dichloroethane
Concen: 47.626 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 62 Resp: 375916

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 48.014 ug/l

RT: 5.188 min Scan# 1289

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

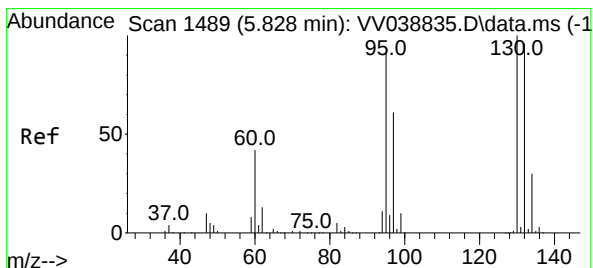
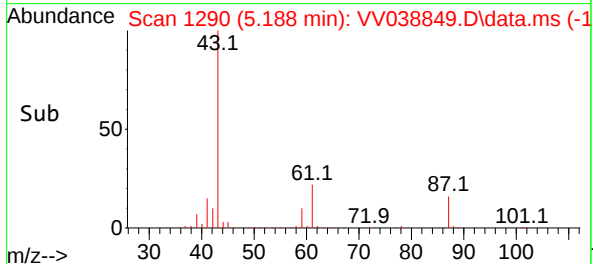
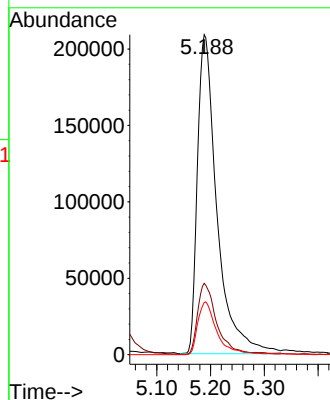
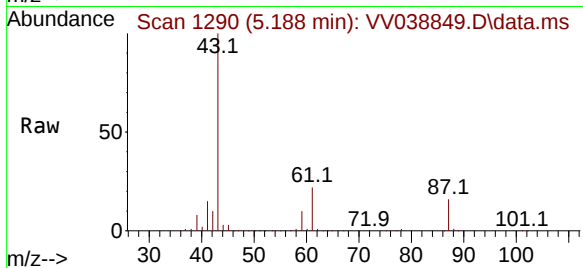
Tgt Ion: 43 Resp: 527711

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.6

87 16.1 13.0 19.6



#44

Trichloroethene

Concen: 47.353 ug/l

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV038849.D

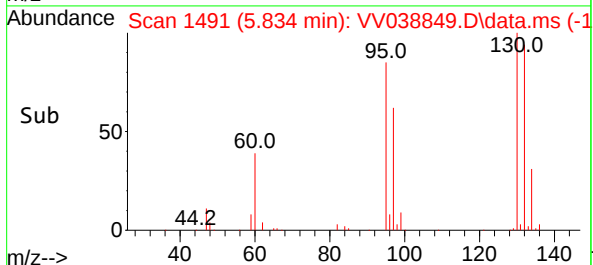
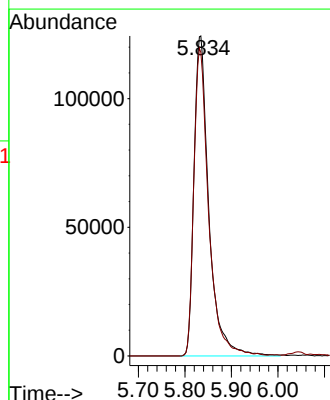
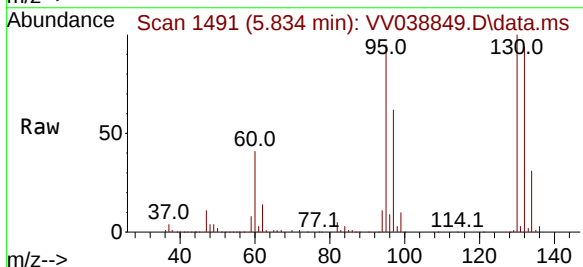
Acq: 02 Jul 2025 18:26

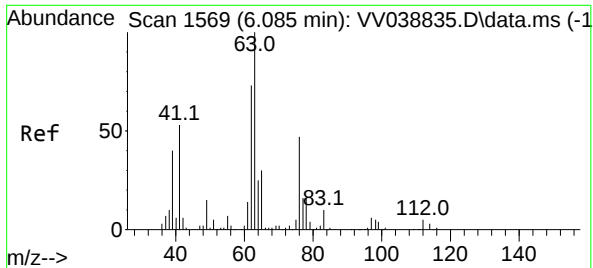
Tgt Ion:130 Resp: 275505

Ion Ratio Lower Upper

130 100

95 94.8 0.0 184.4

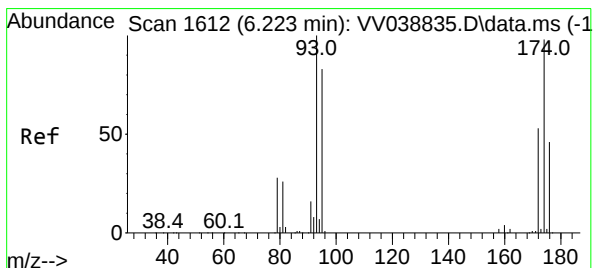
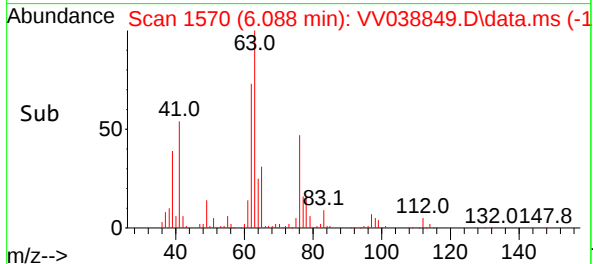
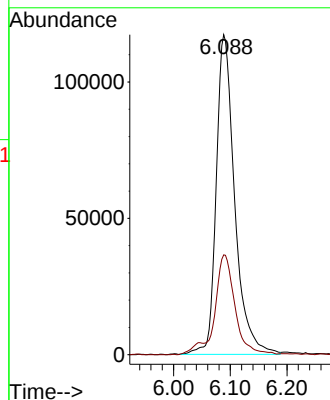
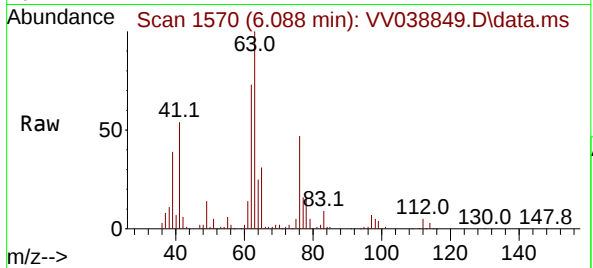




#45
1,2-Dichloropropane
Concen: 47.380 ug/l
RT: 6.088 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

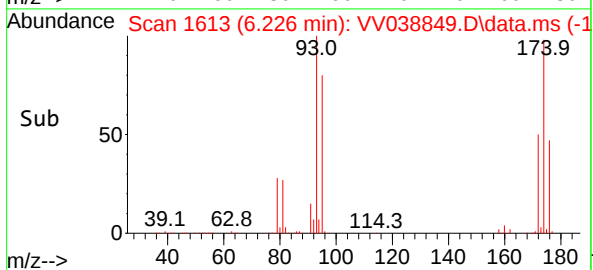
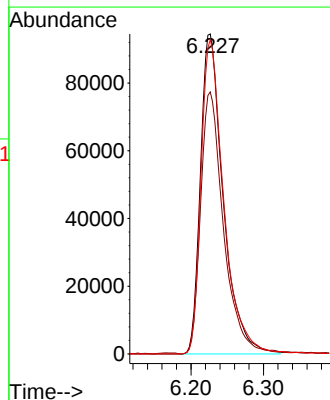
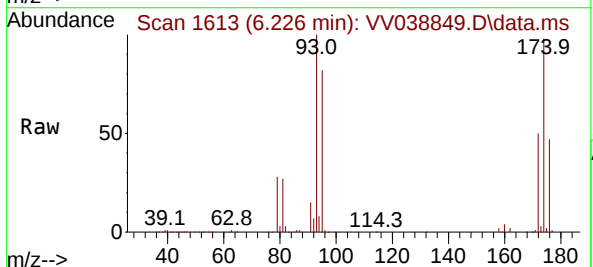
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

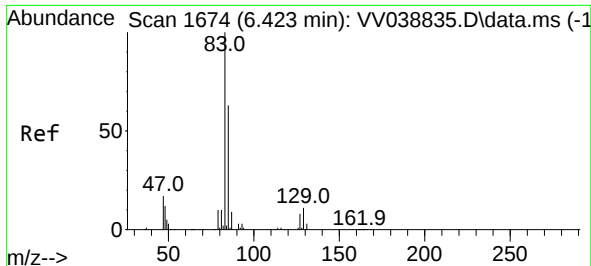
Tgt Ion: 63 Resp: 265285
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5



#46
Dibromomethane
Concen: 46.471 ug/l
RT: 6.226 min Scan# 1613
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 93 Resp: 205192
Ion Ratio Lower Upper
93 100
95 82.8 66.7 100.1
174 98.0 78.7 118.1





#47

Bromodichloromethane

Concen: 46.233 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

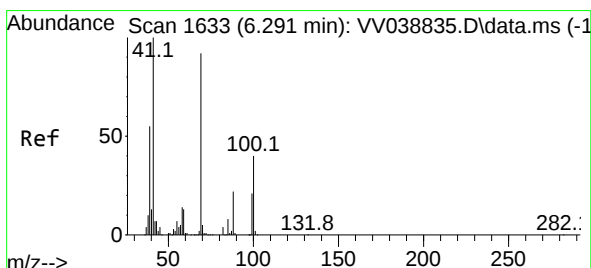
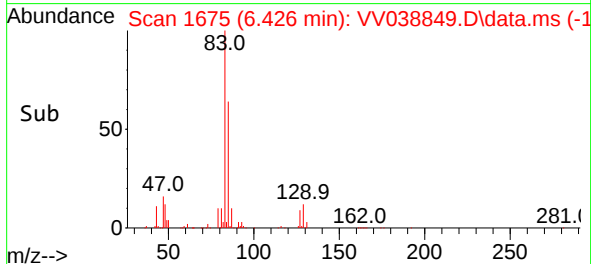
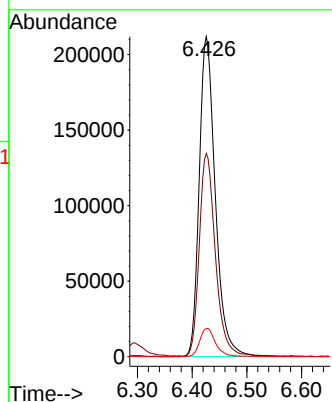
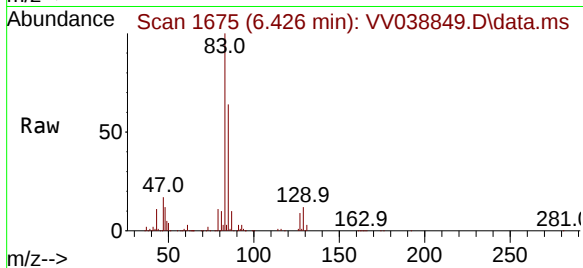
Tgt Ion: 83 Resp: 432261

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 49.104 ug/l

RT: 6.294 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

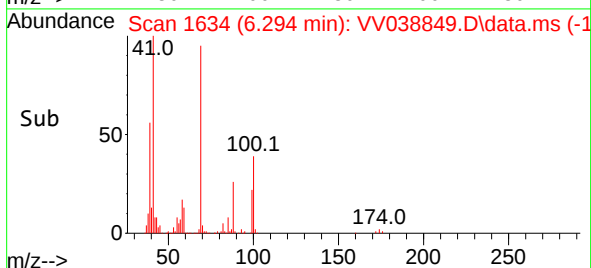
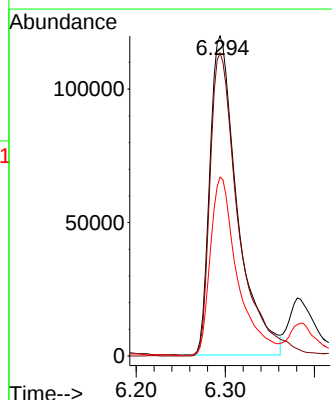
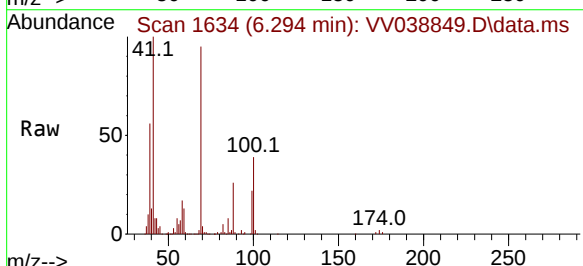
Tgt Ion: 41 Resp: 256625

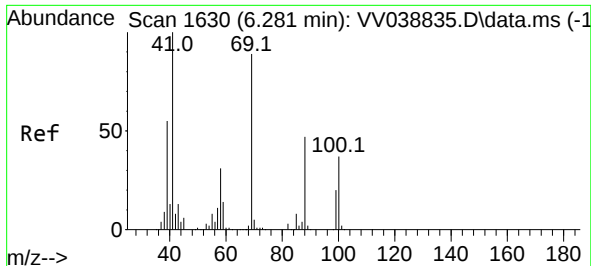
Ion Ratio Lower Upper

41 100

69 98.7 77.4 116.2

39 54.8 44.2 66.4





#49

1,4-Dioxane

Concen: 1140.987 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

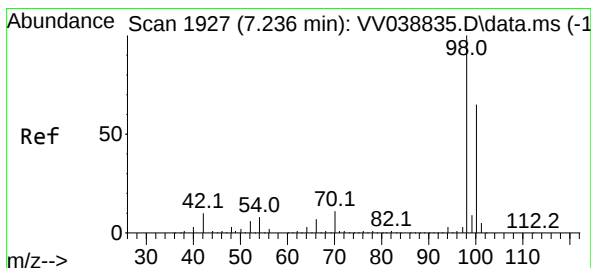
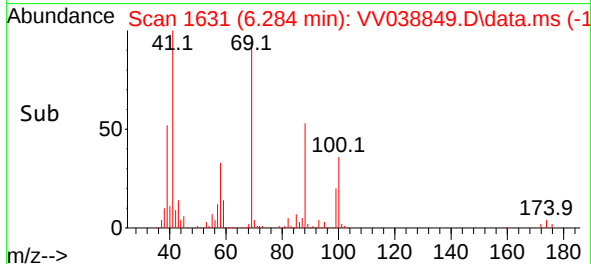
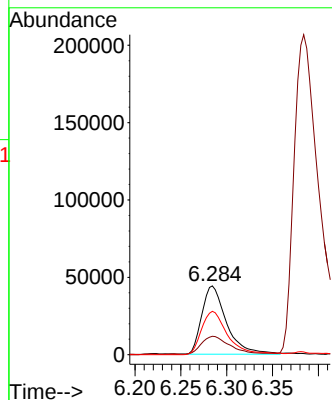
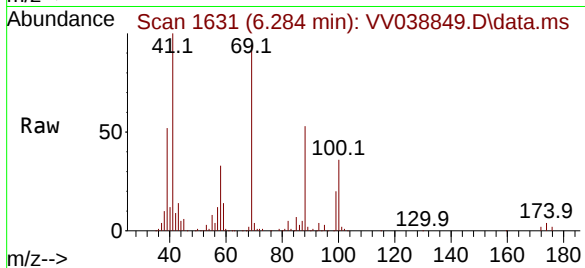
Tgt Ion: 88 Resp: 82652

Ion Ratio Lower Upper

88 100

43 29.9 25.2 37.8

58 67.5 52.1 78.1



#50

Toluene-d8

Concen: 51.435 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038849.D

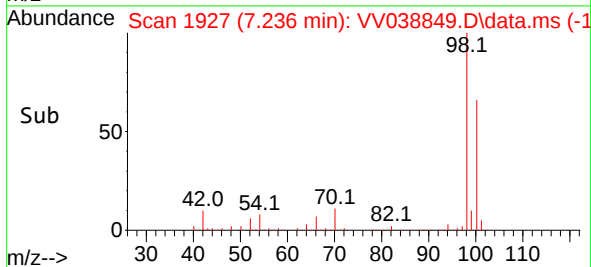
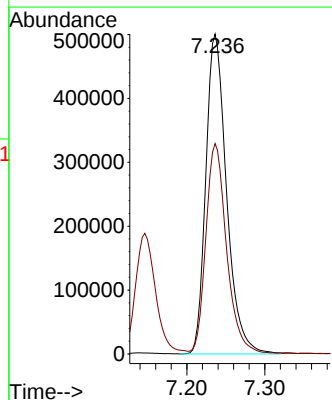
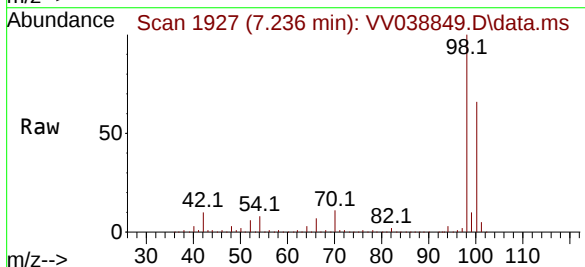
Acq: 02 Jul 2025 18:26

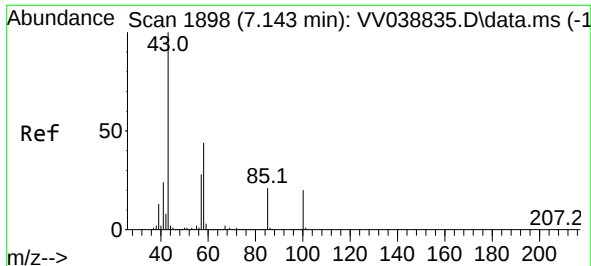
Tgt Ion: 98 Resp: 925922

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4

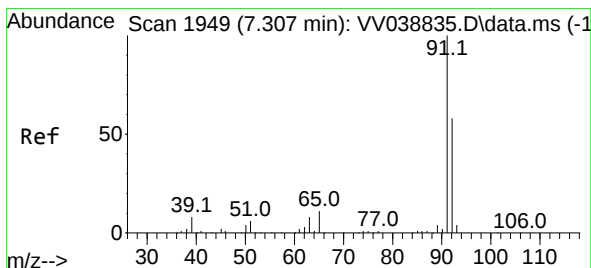
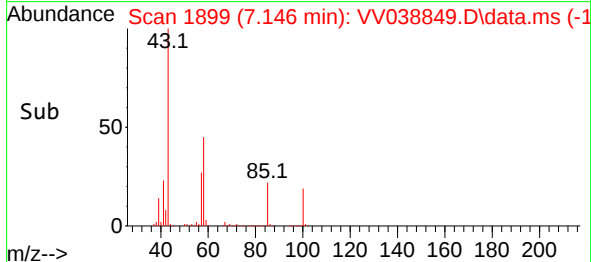
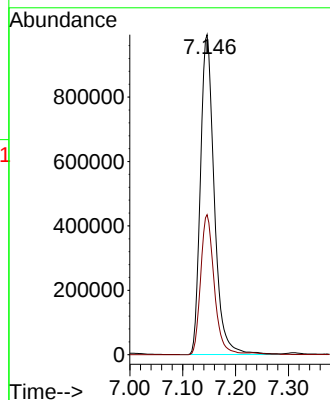
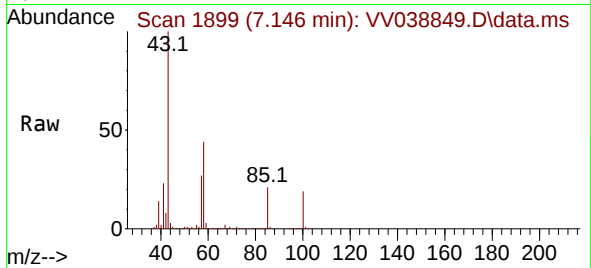




#51
4-Methyl-2-Pentanone
Concen: 260.553 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

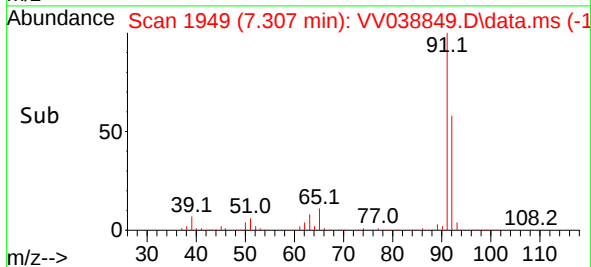
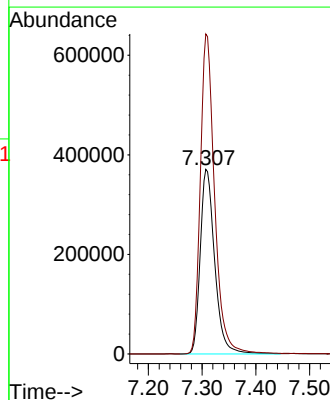
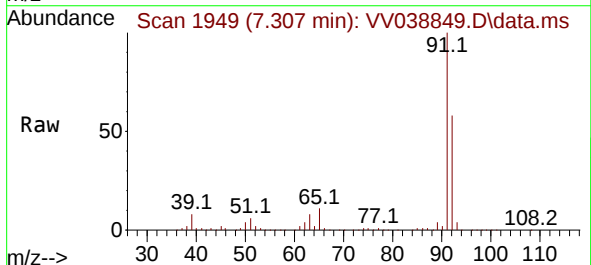
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

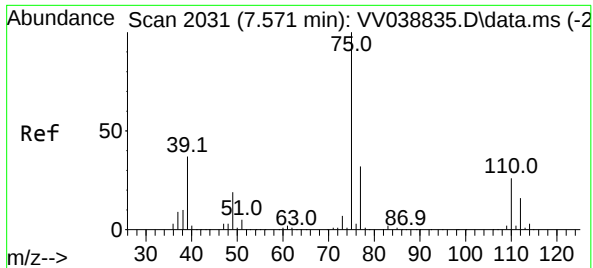
Tgt Ion: 43 Resp: 1807092
Ion Ratio Lower Upper
43 100
58 42.9 34.4 51.6



#52
Toluene
Concen: 49.718 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 92 Resp: 692530
Ion Ratio Lower Upper
92 100
91 170.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 47.284 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

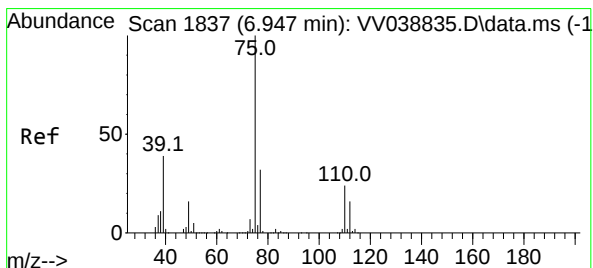
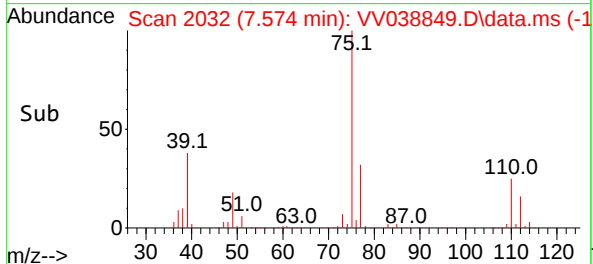
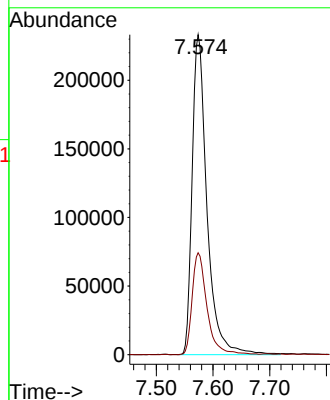
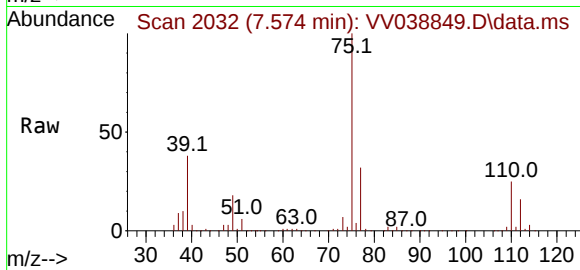
VSTDCCC050EC

Tgt Ion: 75 Resp: 423230

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.041 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

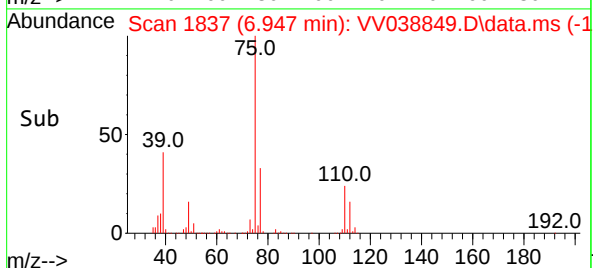
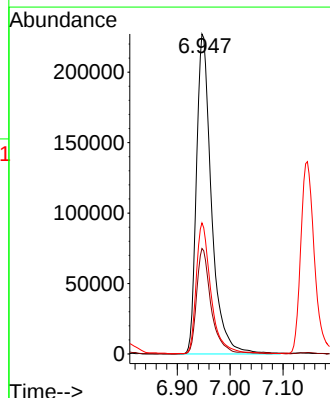
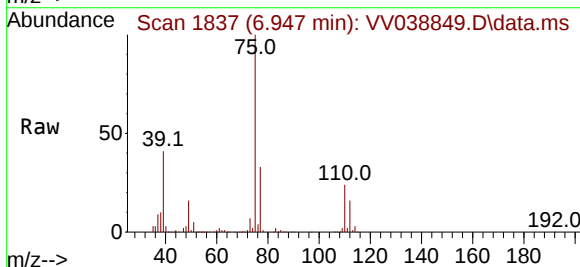
Tgt Ion: 75 Resp: 448819

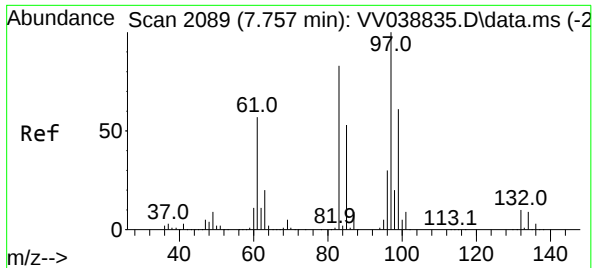
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8

39 40.8 31.3 46.9

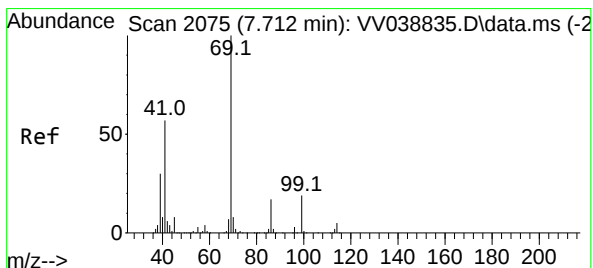
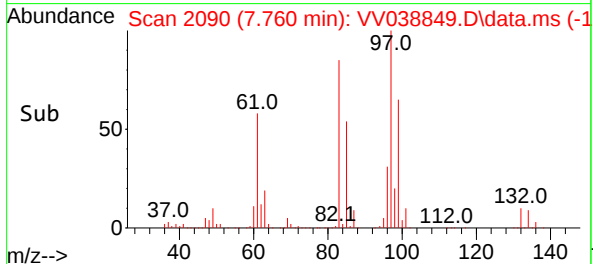
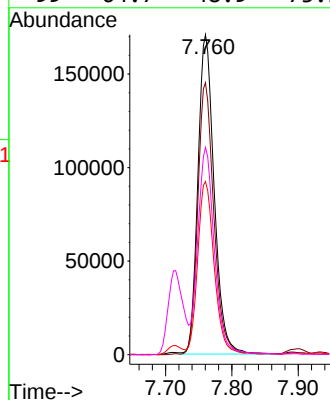
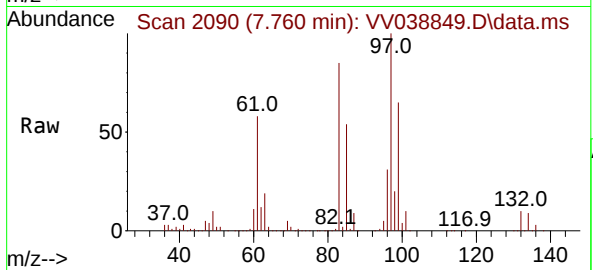




#55
 1,1,2-Trichloroethane
 Concen: 47.753 ug/l
 RT: 7.760 min Scan# 2089
 Delta R.T. 0.003 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

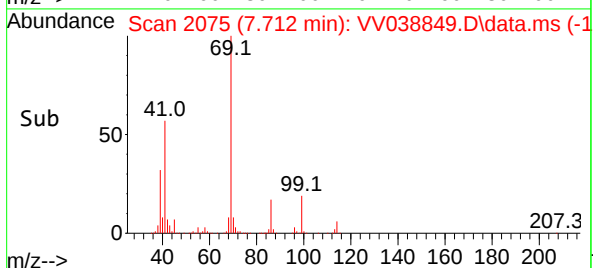
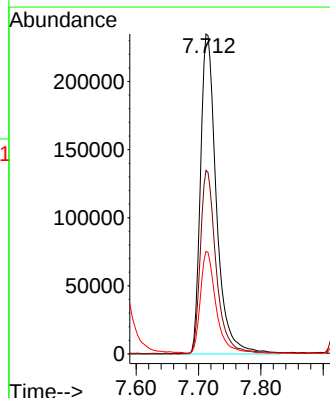
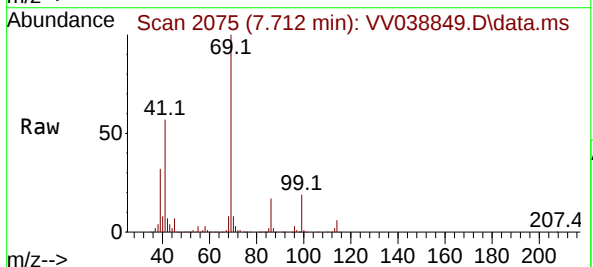
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

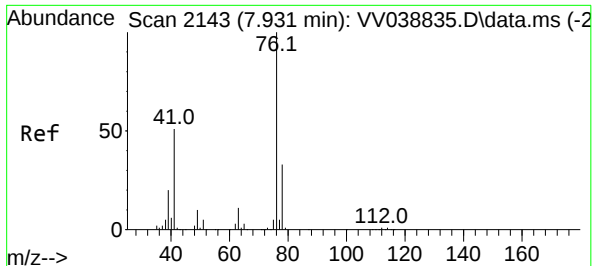
Tgt Ion:	97	Resp:	290863
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.4
85	54.1	42.2	63.4
99	64.7	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 51.985 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.000 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

Tgt Ion:	69	Resp:	416562
Ion	Ratio	Lower	Upper
69	100		
41	56.6	46.1	69.1
39	31.1	24.1	36.1





#57

1,3-Dichloropropane

Concen: 48.425 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

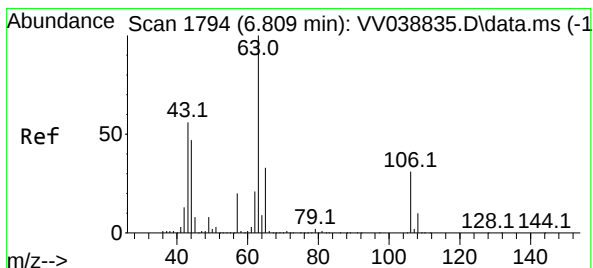
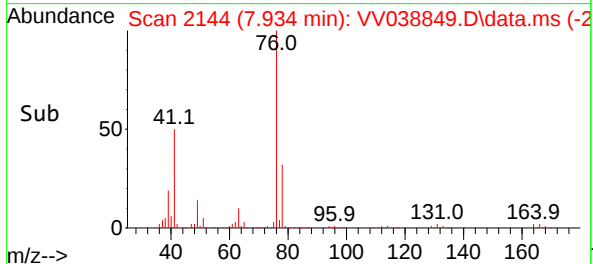
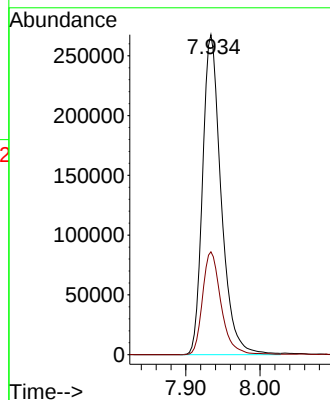
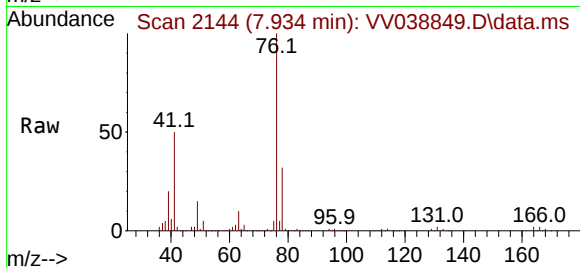
VSTDCCC050EC

Tgt Ion: 76 Resp: 464649

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 189.706 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV038849.D

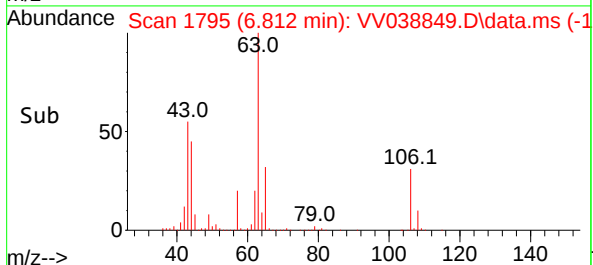
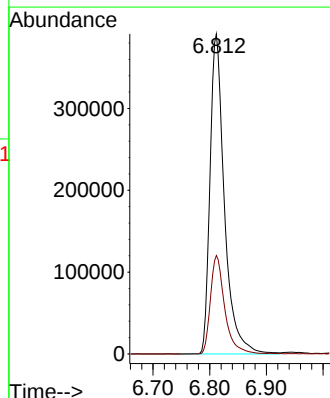
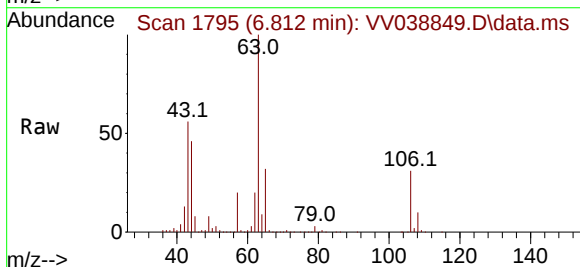
Acq: 02 Jul 2025 18:26

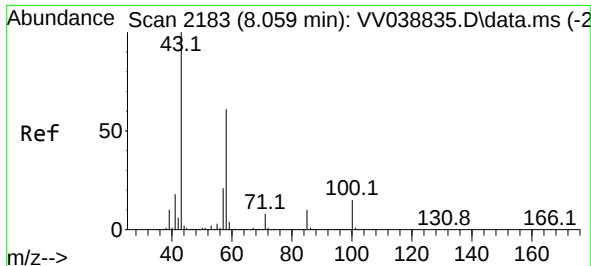
Tgt Ion: 63 Resp: 690254

Ion Ratio Lower Upper

63 100

106 30.5 24.6 37.0

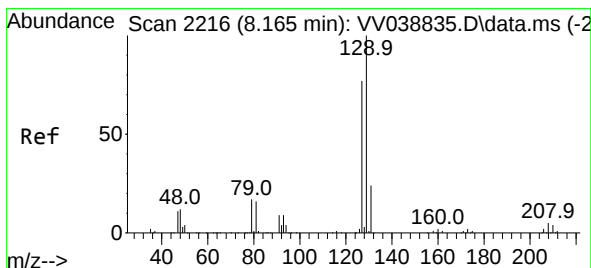
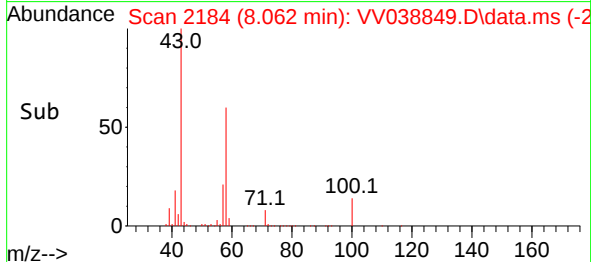
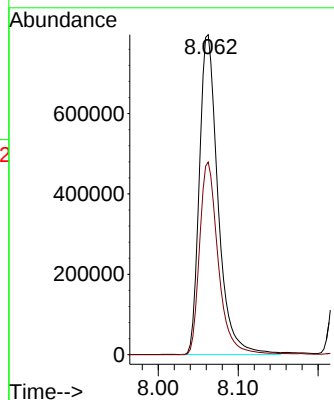
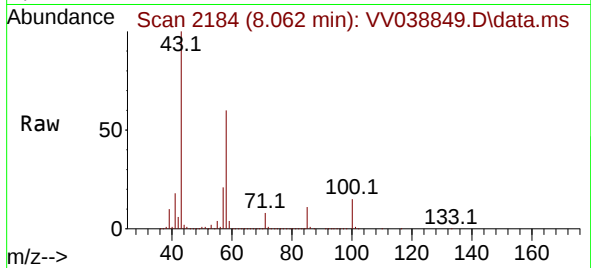




#59
2-Hexanone
Concen: 264.273 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

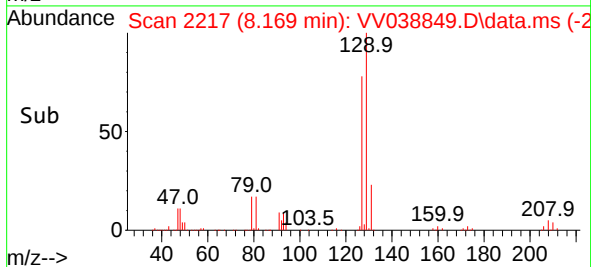
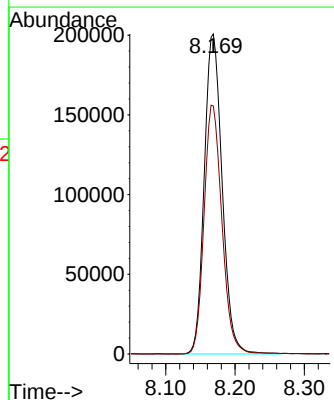
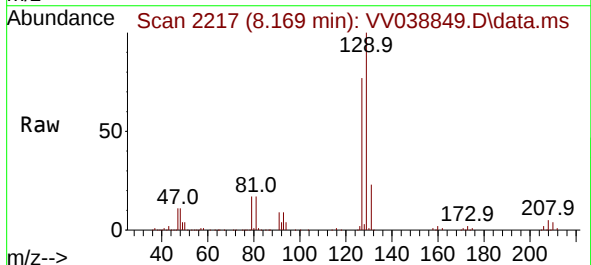
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

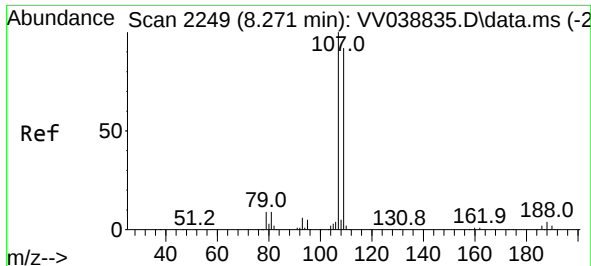
Tgt Ion: 43 Resp: 1292784
Ion Ratio Lower Upper
43 100
58 60.5 30.3 91.0



#60
Dibromochloromethane
Concen: 46.820 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 129 Resp: 359072
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6

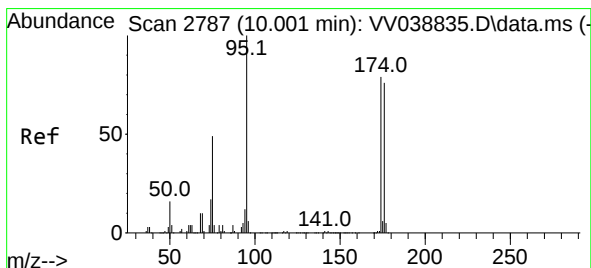
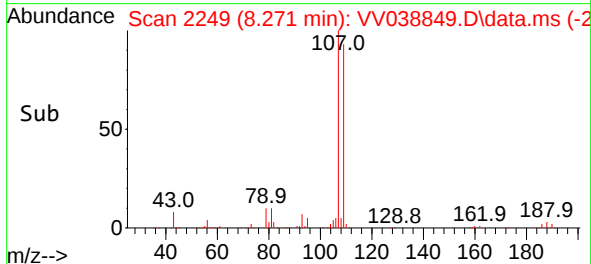
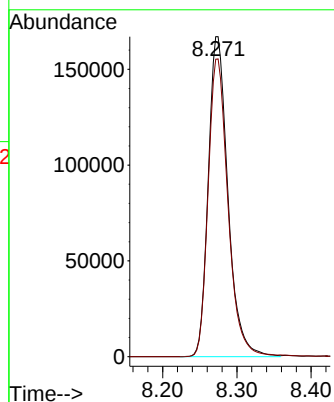
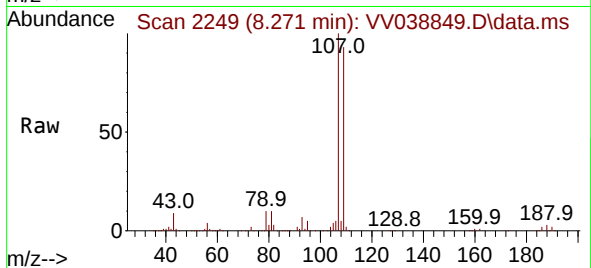




#61
1,2-Dibromoethane
Concen: 48.734 ug/l
RT: 8.271 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

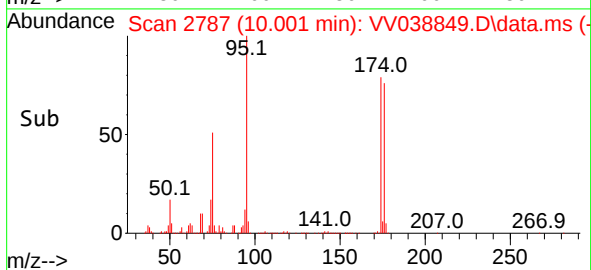
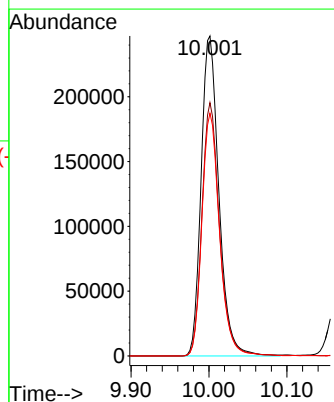
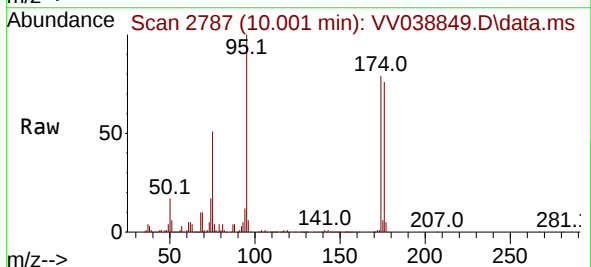
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

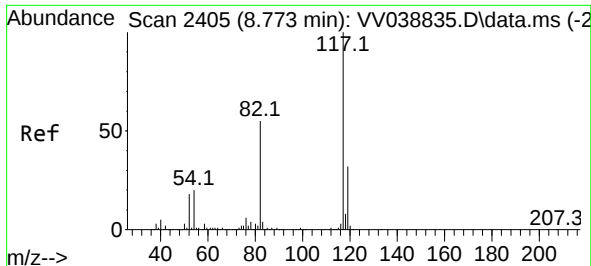
Tgt Ion:107 Resp: 307108
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 53.802 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 95 Resp: 391301
Ion Ratio Lower Upper
95 100
174 78.7 0.0 158.2
176 75.5 0.0 154.4

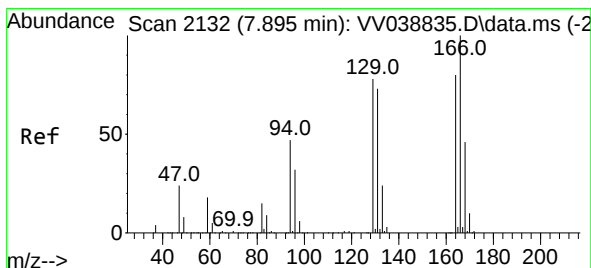
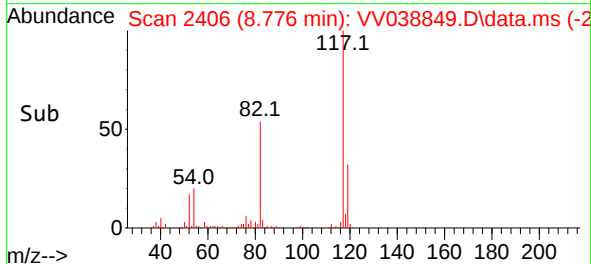
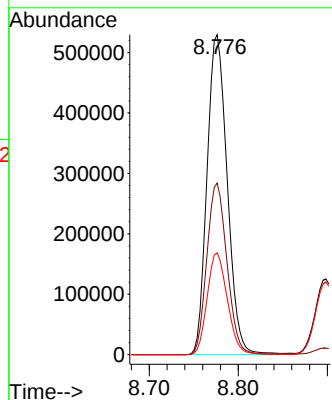
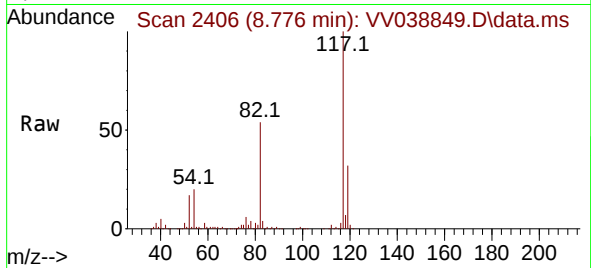




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

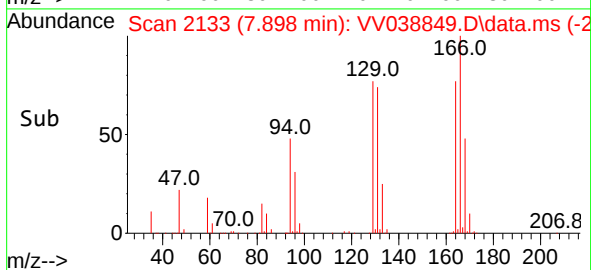
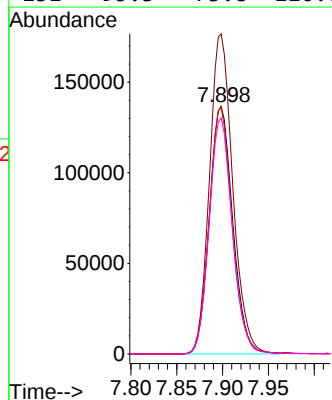
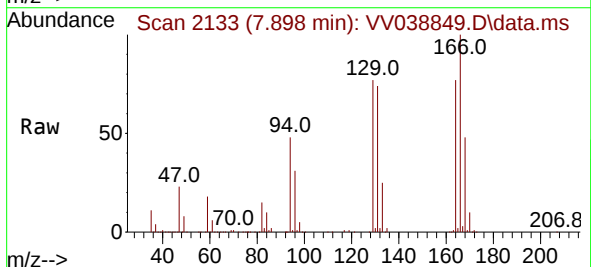
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

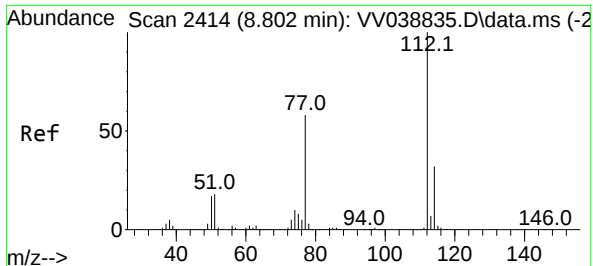
Tgt Ion:117 Resp: 832918
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 45.282 ug/l
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion:164 Resp: 242536
Ion Ratio Lower Upper
164 100
166 129.3 100.6 151.0
129 99.4 78.4 117.6
131 95.3 73.8 110.6





#65

Chlorobenzene

Concen: 45.701 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

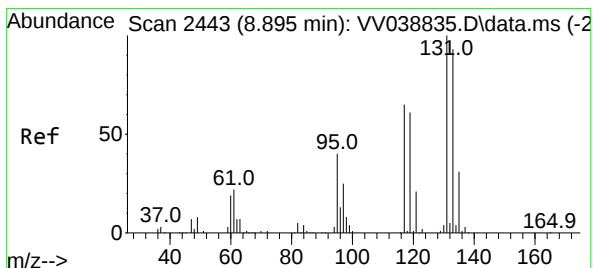
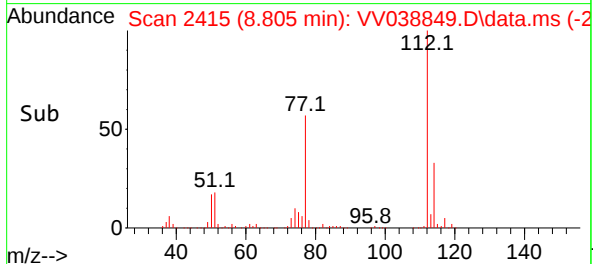
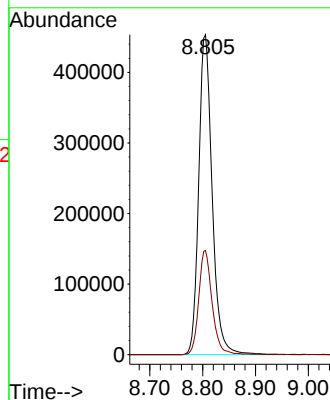
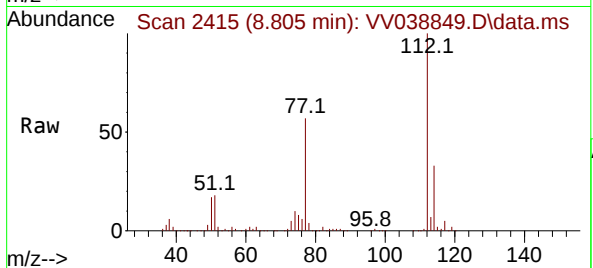
VSTDCCC050EC

Tgt Ion:112 Resp: 802188

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 45.845 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

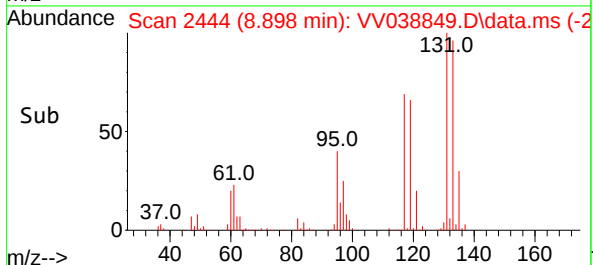
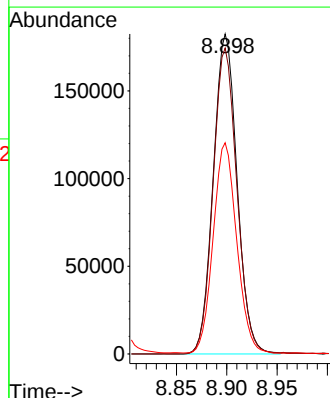
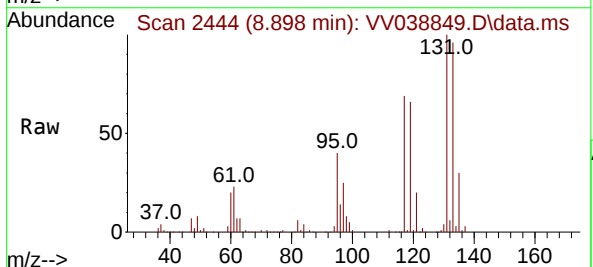
Tgt Ion:131 Resp: 300500

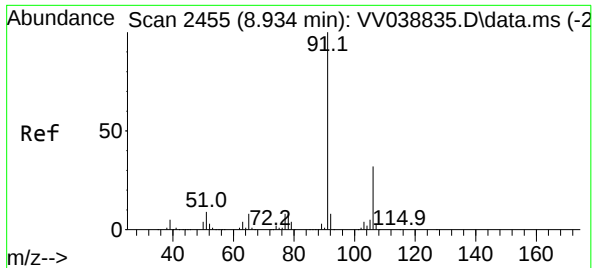
Ion Ratio Lower Upper

131 100

133 95.9 47.3 142.0

119 65.2 31.0 93.0





#67

Ethyl Benzene

Concen: 49.180 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

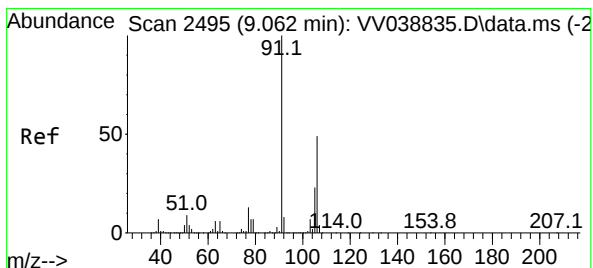
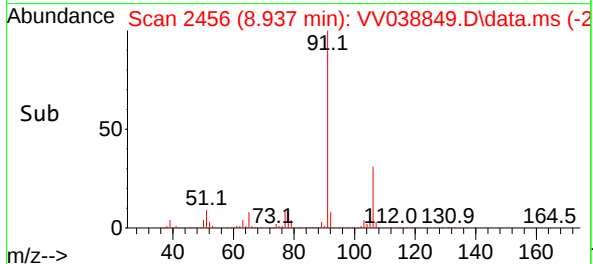
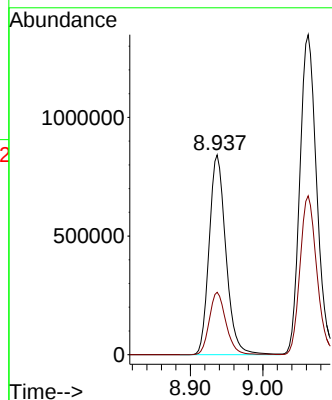
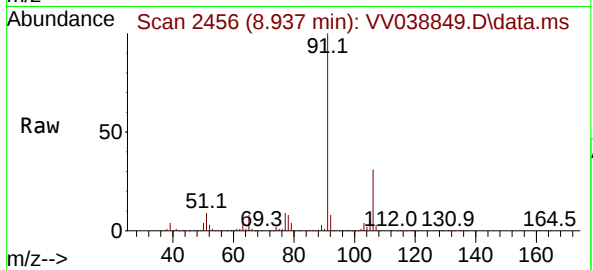
VSTDCCC050EC

Tgt Ion: 91 Resp: 1352529

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



#68

m/p-Xylenes

Concen: 102.894 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038849.D

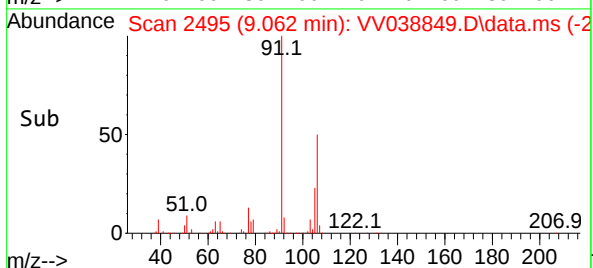
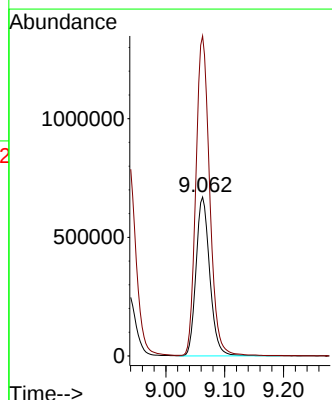
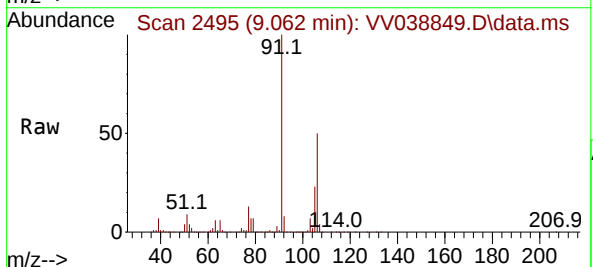
Acq: 02 Jul 2025 18:26

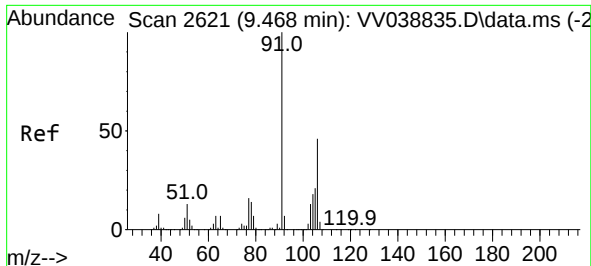
Tgt Ion:106 Resp: 1083858

Ion Ratio Lower Upper

106 100

91 201.6 162.9 244.3

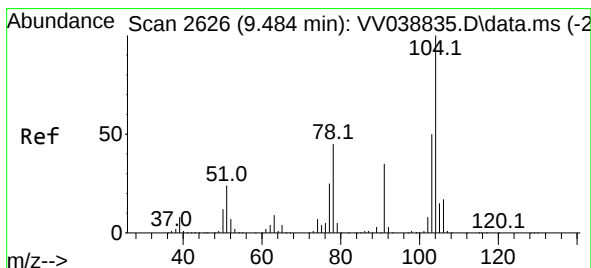
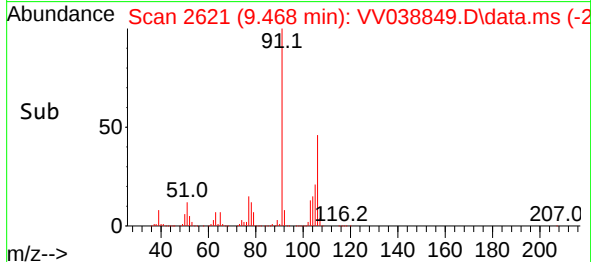
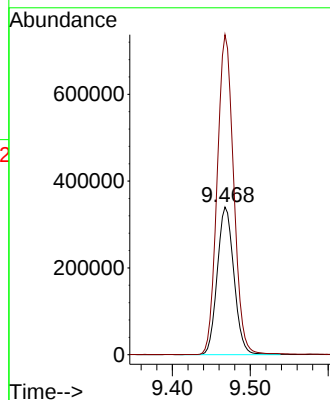
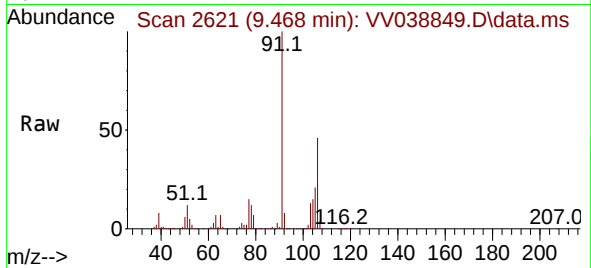




#69
o-Xylene
Concen: 50.204 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

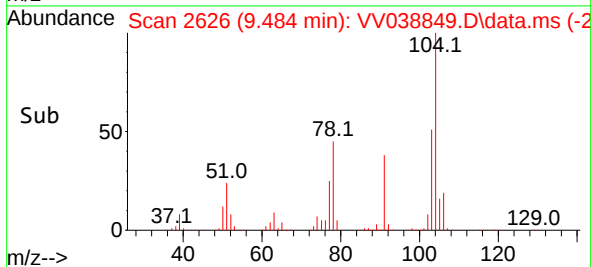
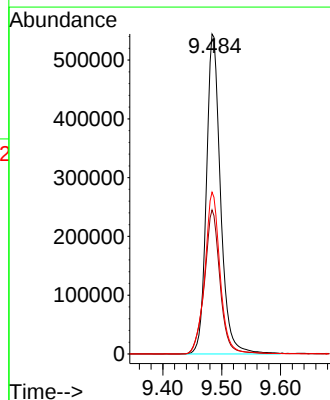
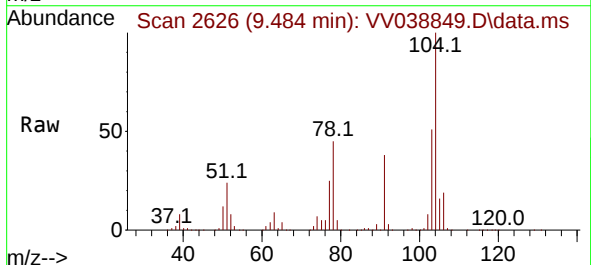
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

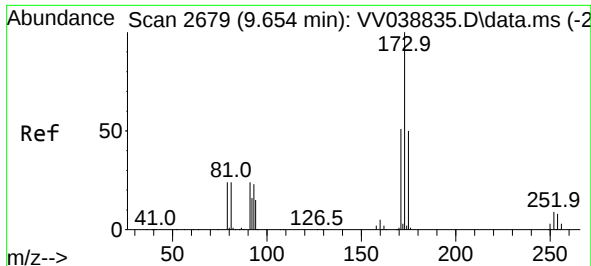
Tgt Ion:106 Resp: 505250
Ion Ratio Lower Upper
106 100
91 215.4 107.6 322.8



#70
Styrene
Concen: 51.786 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion:104 Resp: 909950
Ion Ratio Lower Upper
104 100
78 49.4 39.9 59.9
103 54.9 43.4 65.0

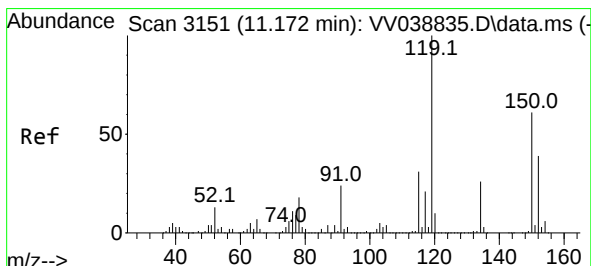
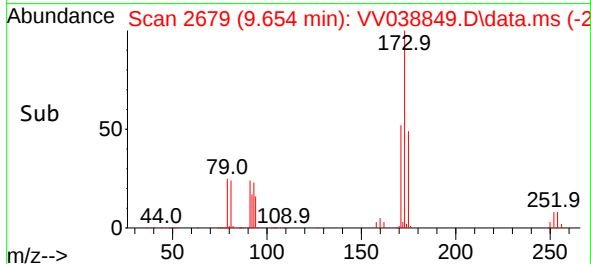
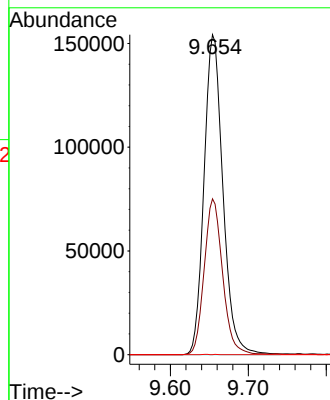
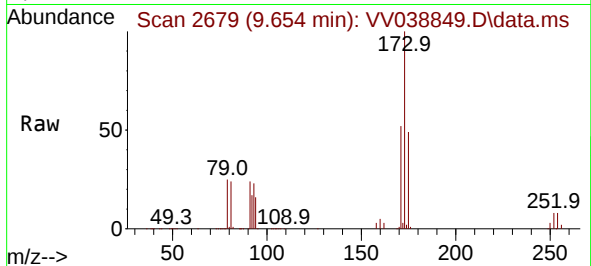




#71
Bromoform
Concen: 48.712 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

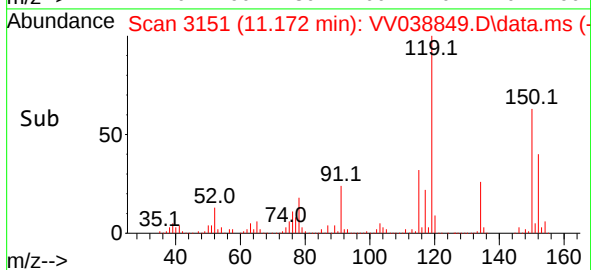
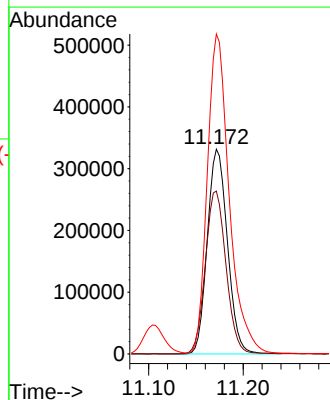
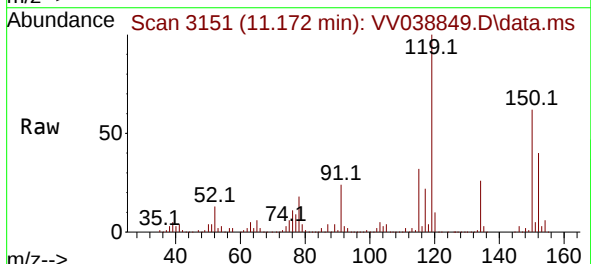
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

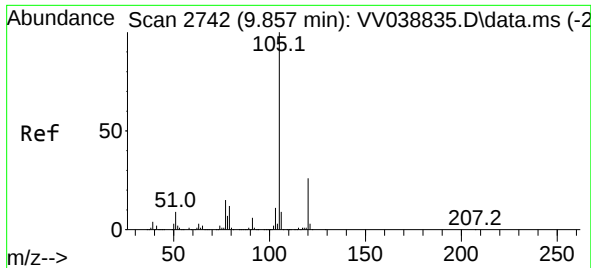
Tgt Ion:173 Resp: 259457
Ion Ratio Lower Upper
173 100
175 47.5 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion:152 Resp: 490620
Ion Ratio Lower Upper
152 100
115 81.6 42.0 126.0
150 169.9 0.0 343.6

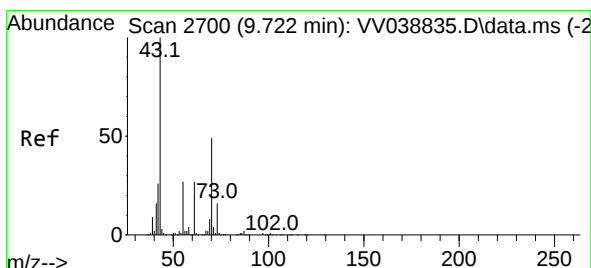
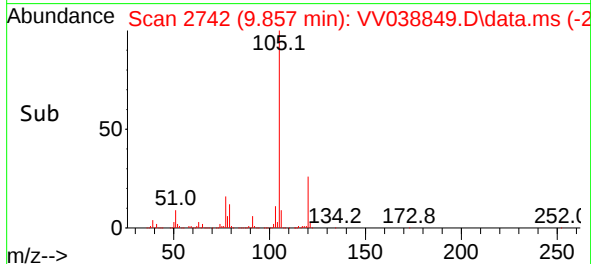
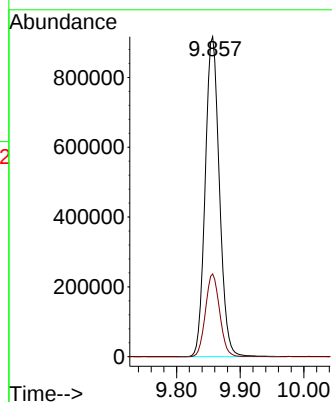
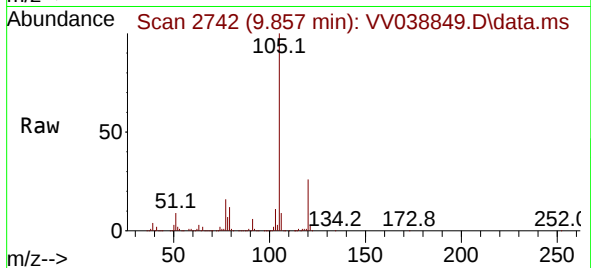




#73
Isopropylbenzene
Concen: 49.253 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

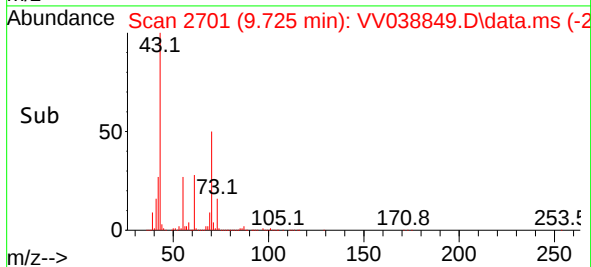
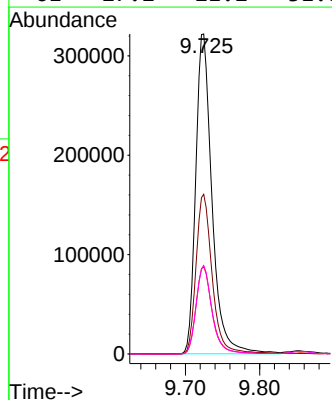
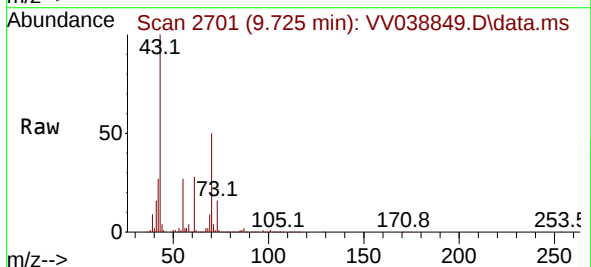
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

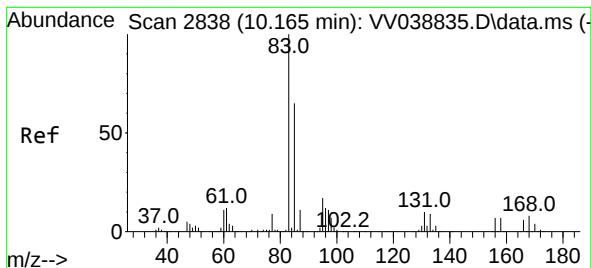
Tgt Ion:105 Resp: 1418155
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3



#74
N-ethyl acetate
Concen: 48.811 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 43 Resp: 491939
Ion Ratio Lower Upper
43 100
70 49.8 39.7 59.5
55 27.3 22.1 33.1
61 27.2 21.2 31.8

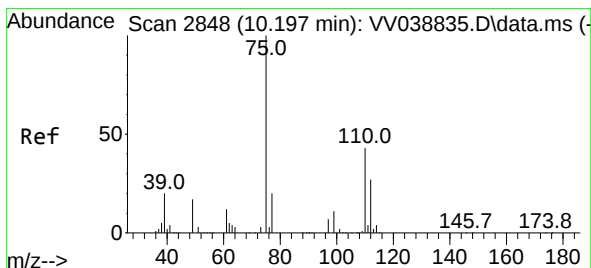
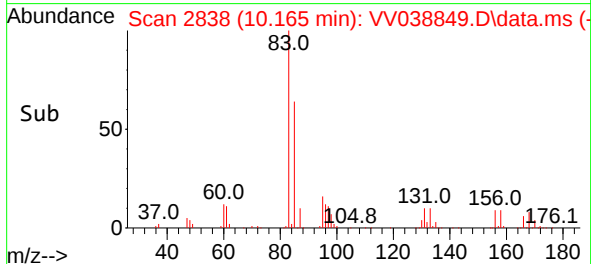
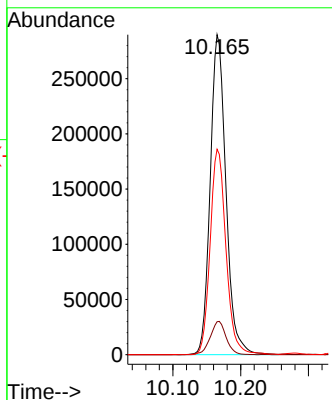
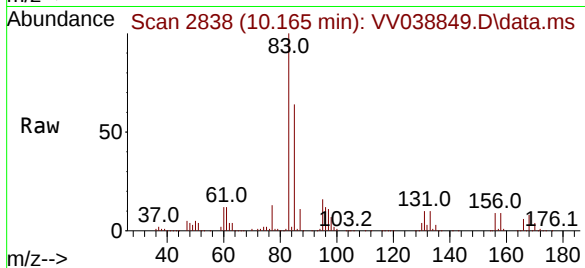




#75
1,1,2,2-Tetrachloroethane
Concen: 44.756 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

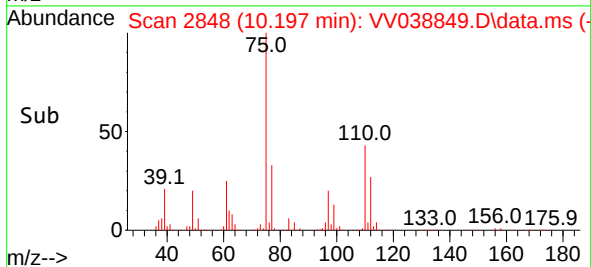
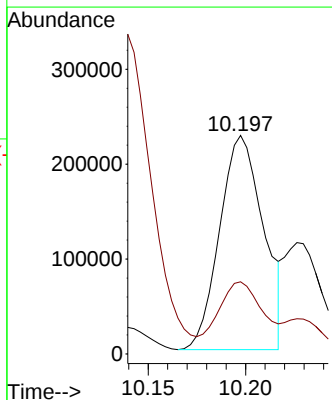
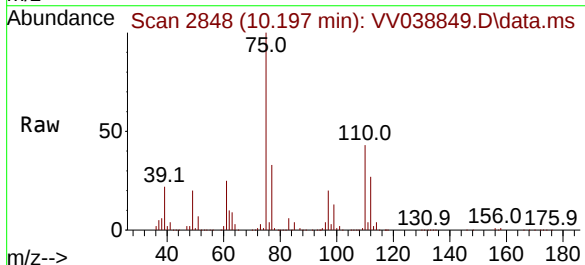
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

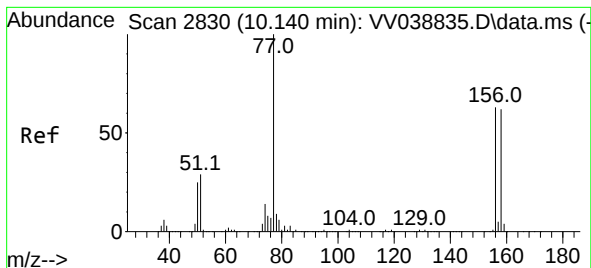
Tgt Ion: 83 Resp: 467180
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.7 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 46.540 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 75 Resp: 353287
Ion Ratio Lower Upper
75 100
77 22.3 11.7 35.1





#77

Bromobenzene

Concen: 46.615 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

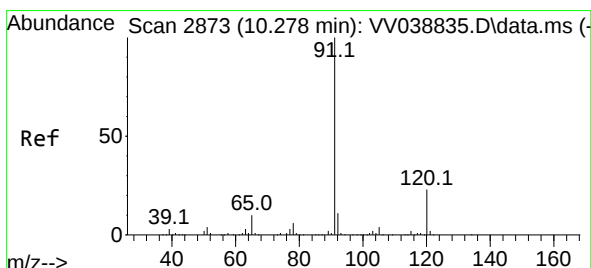
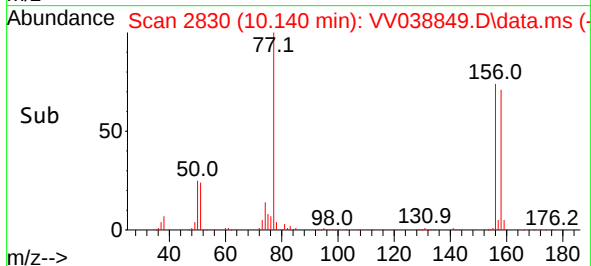
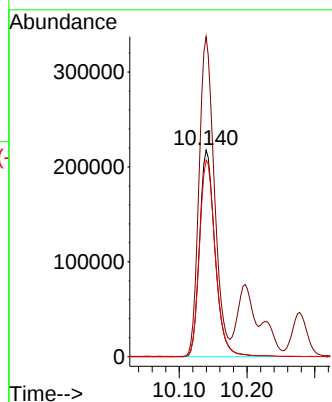
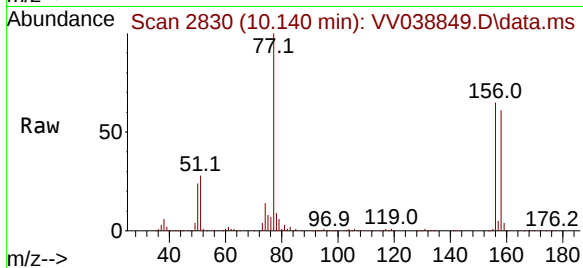
Tgt Ion:156 Resp: 346251

Ion Ratio Lower Upper

156 100

77 152.7 77.0 230.8

158 97.2 48.8 146.3



#78

n-propylbenzene

Concen: 49.299 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038849.D

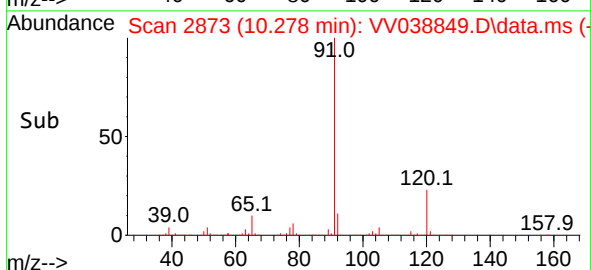
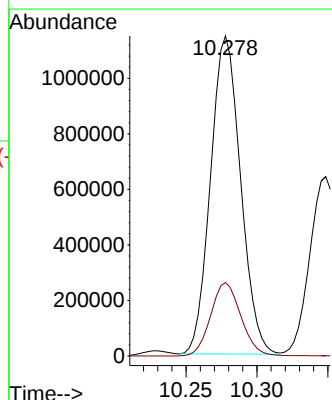
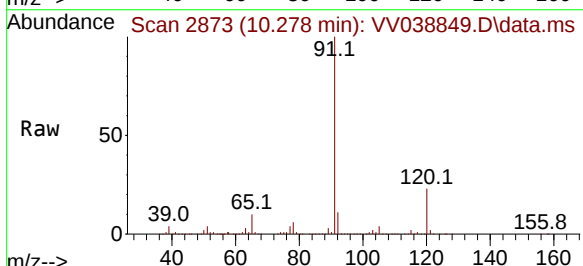
Acq: 02 Jul 2025 18:26

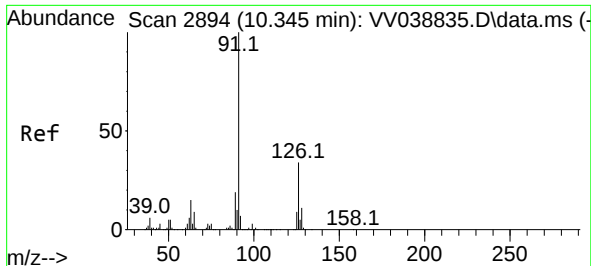
Tgt Ion: 91 Resp: 1689281

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0

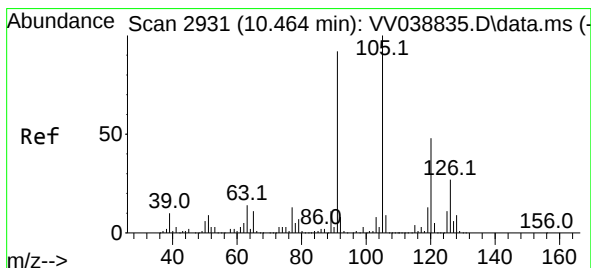
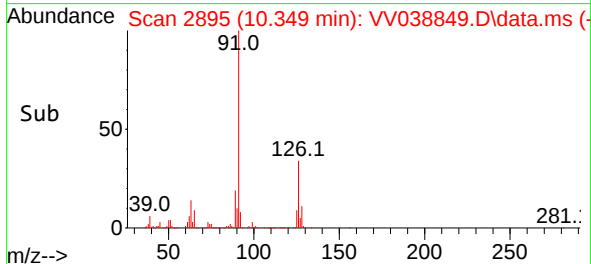
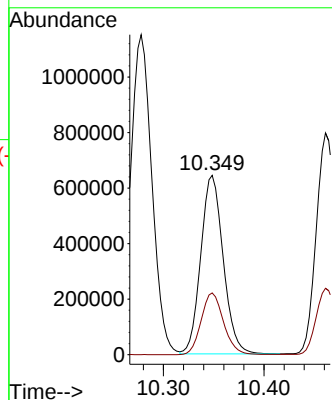
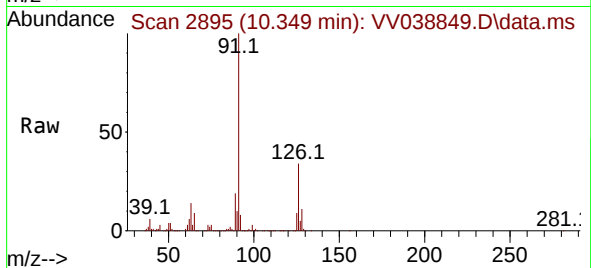




#79
2-Chlorotoluene
Concen: 47.856 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

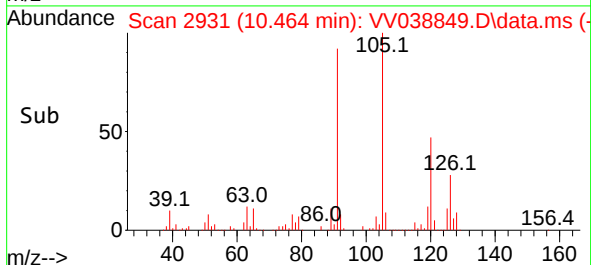
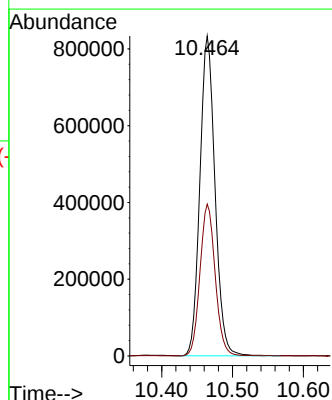
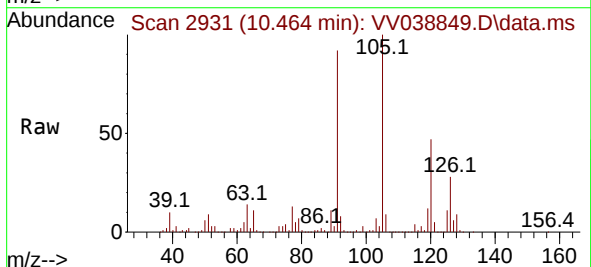
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

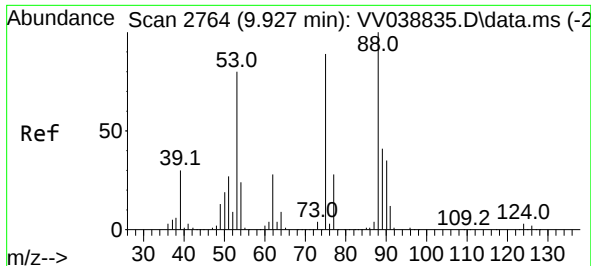
Tgt Ion: 91 Resp: 995863
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 50.151 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 105 Resp: 1234659
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7

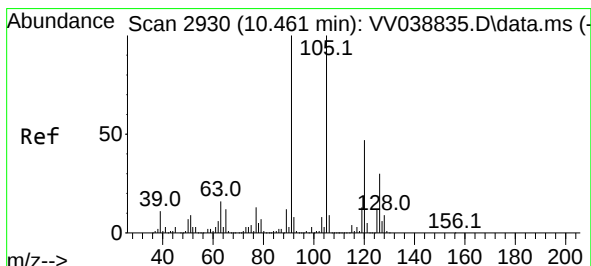
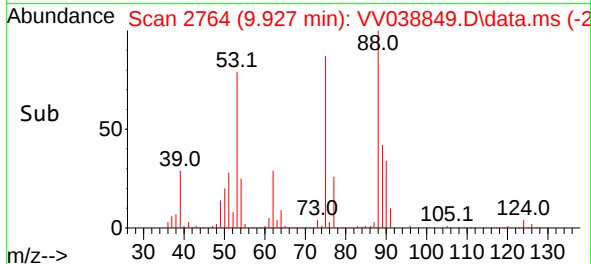
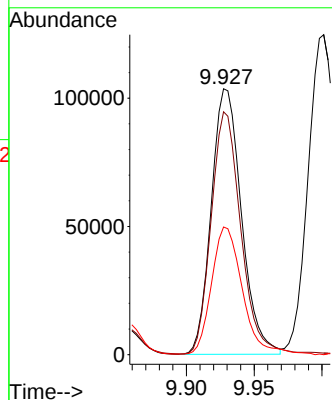
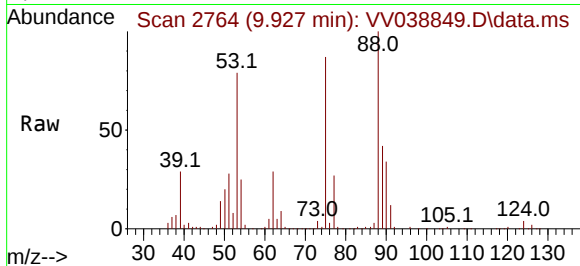




#81
trans-1,4-Dichloro-2-butene
Concen: 45.026 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

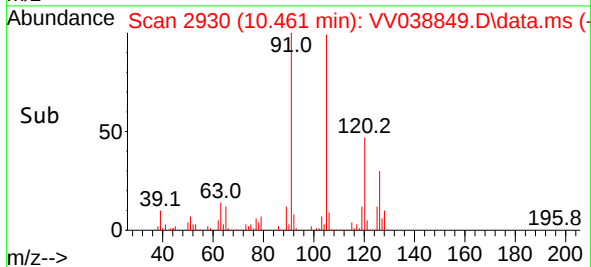
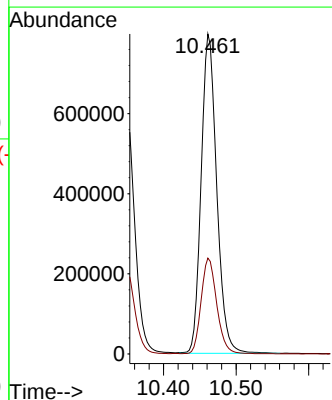
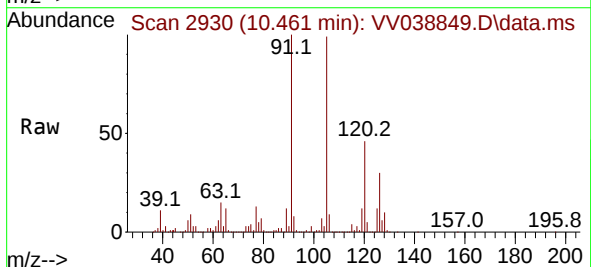
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

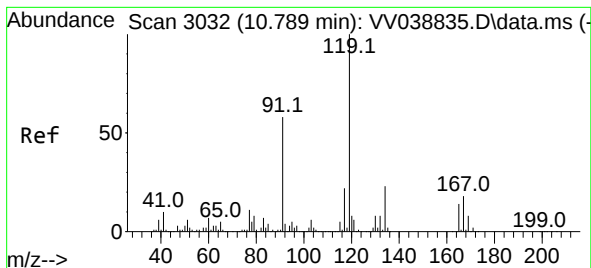
Tgt Ion: 75 Resp: 160569
Ion Ratio Lower Upper
75 100
53 90.2 71.2 106.8
89 49.4 44.6 66.8



#82
4-Chlorotoluene
Concen: 49.432 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion: 91 Resp: 1185898
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.3





#83

tert-Butylbenzene

Concen: 48.368 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

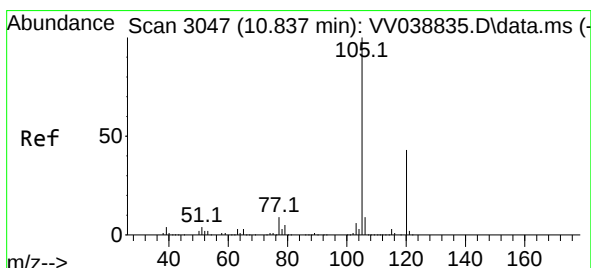
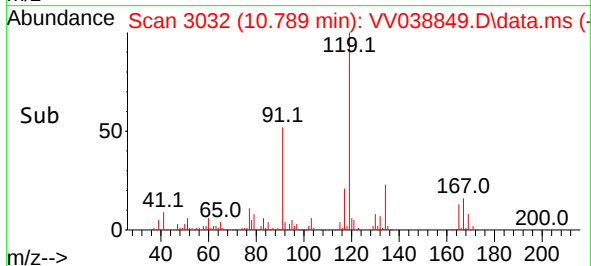
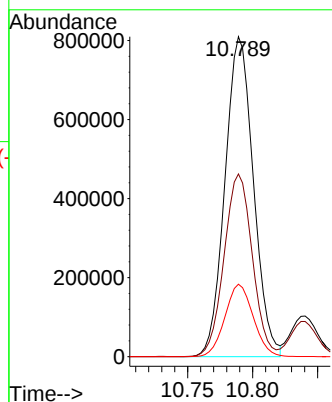
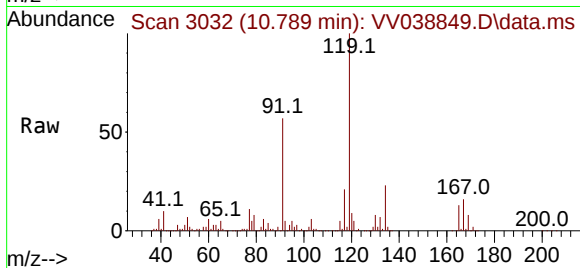
Tgt Ion:119 Resp: 1235040

Ion Ratio Lower Upper

119 100

91 56.4 28.5 85.5

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 50.520 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038849.D

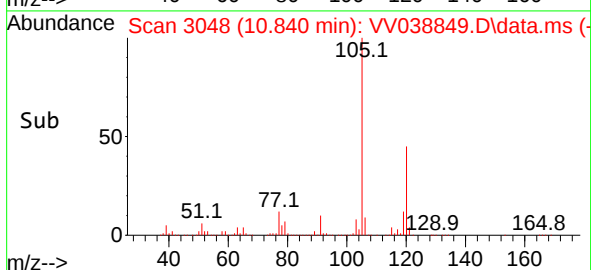
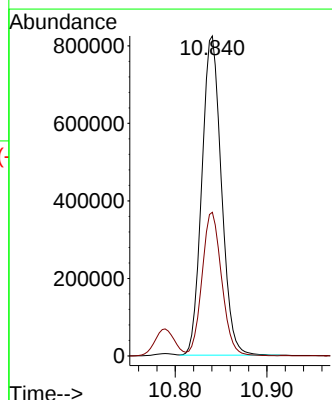
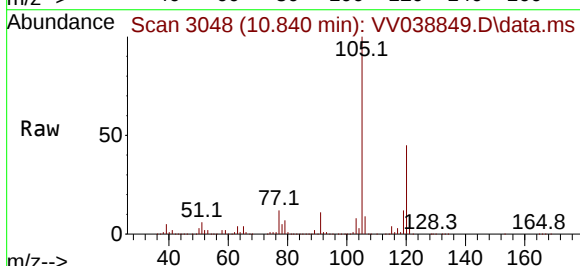
Acq: 02 Jul 2025 18:26

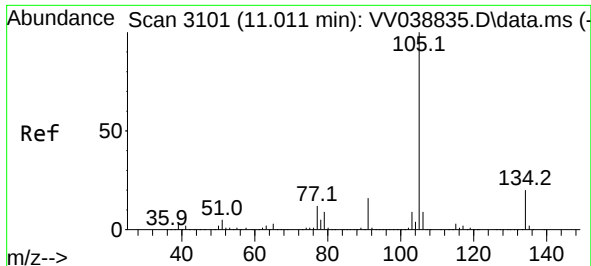
Tgt Ion:105 Resp: 1219026

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0

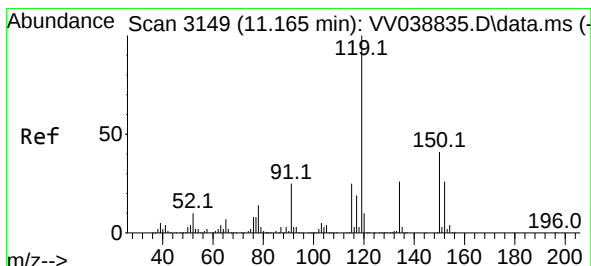
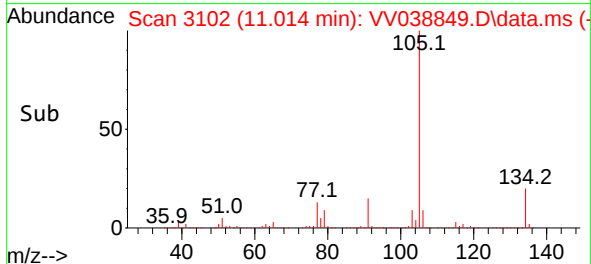
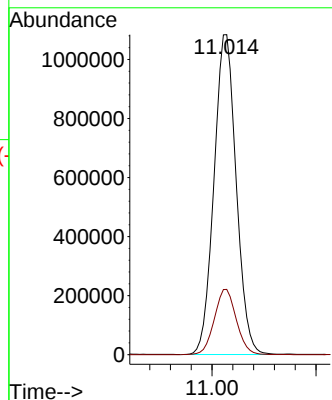
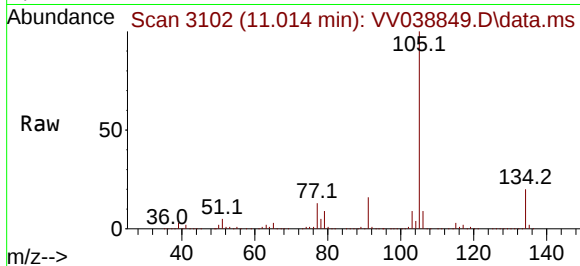




#85
 sec-Butylbenzene
 Concen: 49.492 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

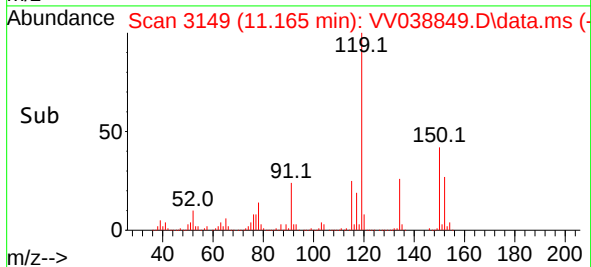
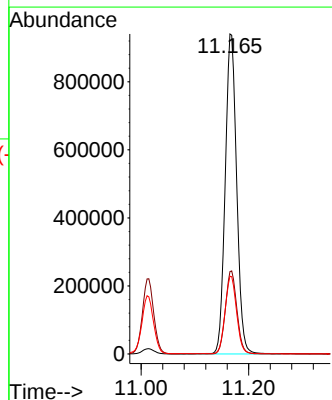
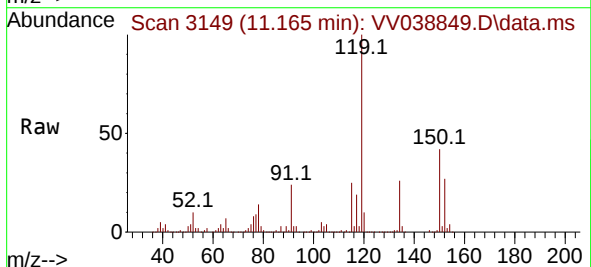
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

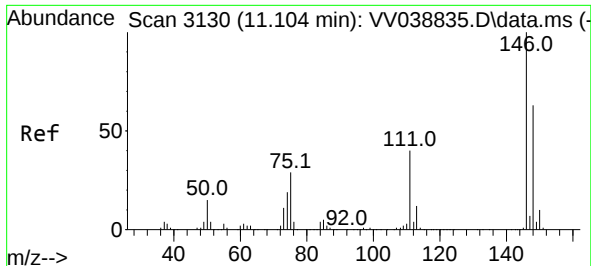
Tgt Ion:105 Resp: 1608872
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.697 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV038849.D
 Acq: 02 Jul 2025 18:26

Tgt Ion:119 Resp: 1385087
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.3 12.4 37.0

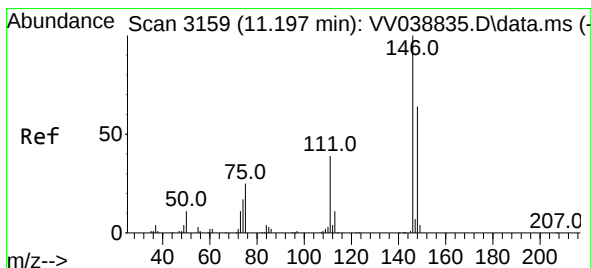
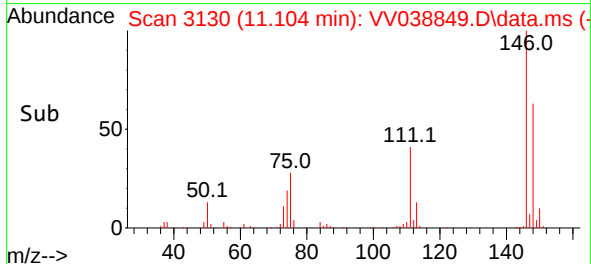
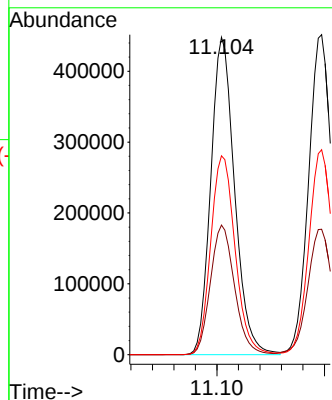
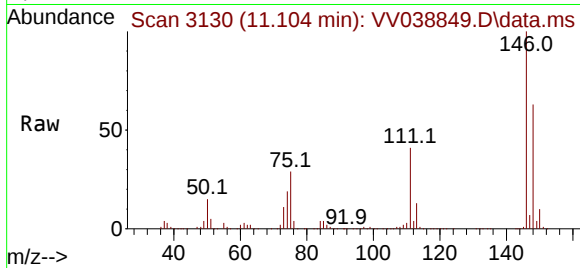




#87
1,3-Dichlorobenzene
Concen: 45.610 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

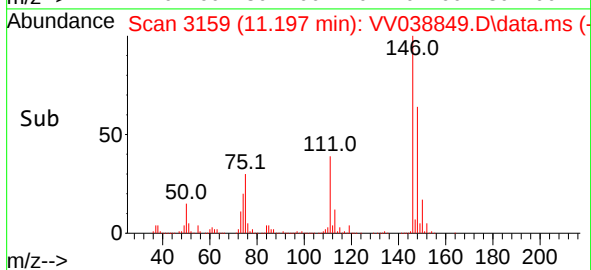
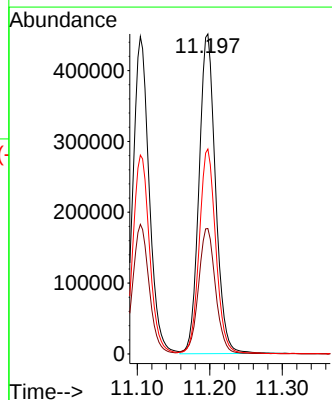
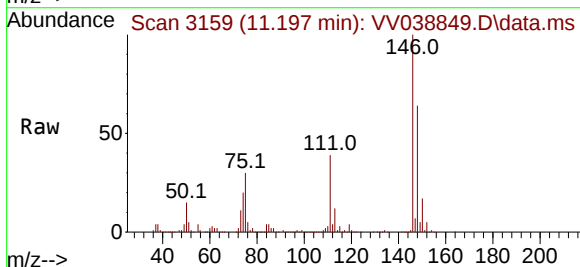
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

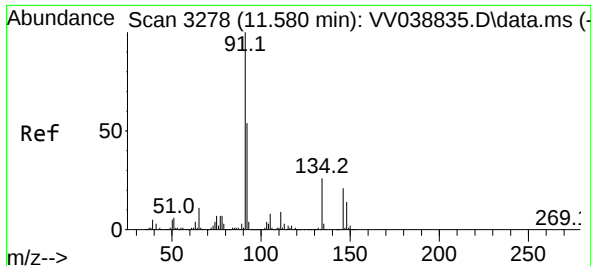
Tgt Ion:146 Resp: 688746
Ion Ratio Lower Upper
146 100
111 41.4 20.2 60.6
148 64.4 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 44.876 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion:146 Resp: 714051
Ion Ratio Lower Upper
146 100
111 40.6 19.8 59.3
148 63.5 32.0 96.2





#89

n-Butylbenzene

Concen: 50.594 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

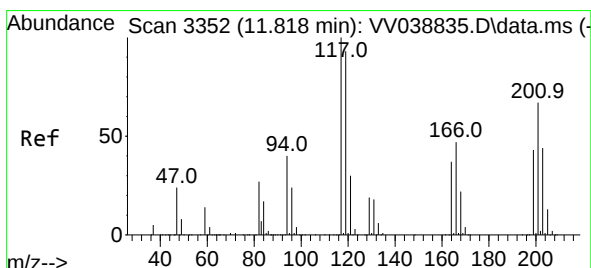
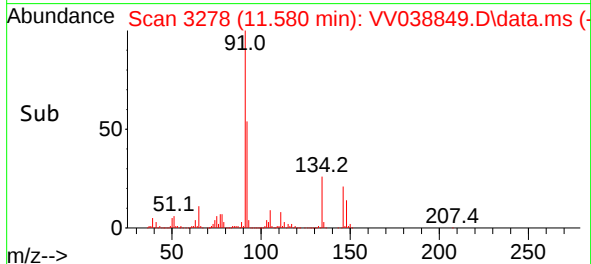
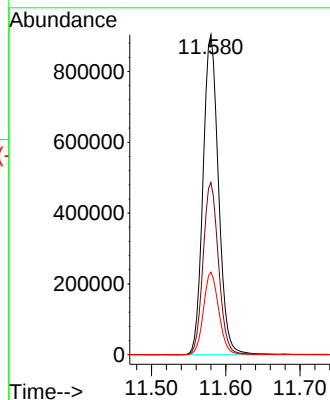
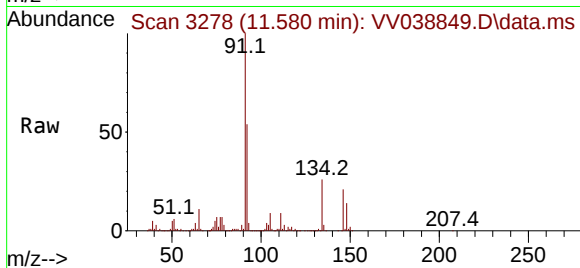
Tgt Ion: 91 Resp: 1306845

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.0

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 44.249 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038849.D

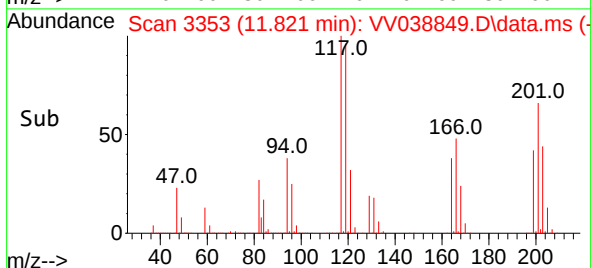
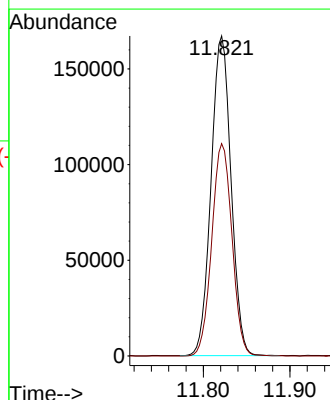
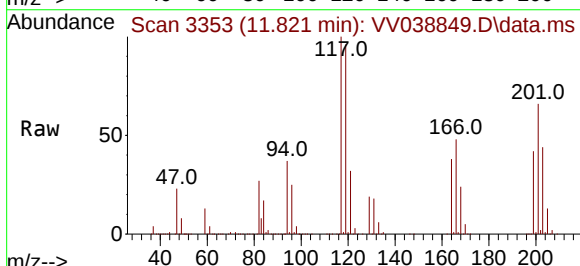
Acq: 02 Jul 2025 18:26

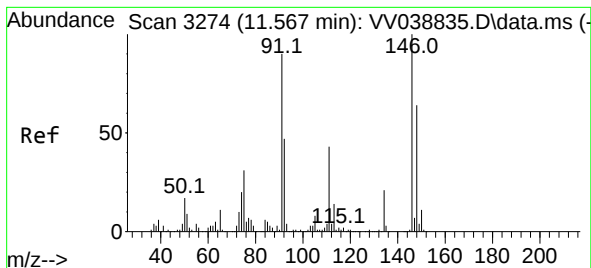
Tgt Ion: 117 Resp: 267699

Ion Ratio Lower Upper

117 100

201 67.2 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 46.795 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

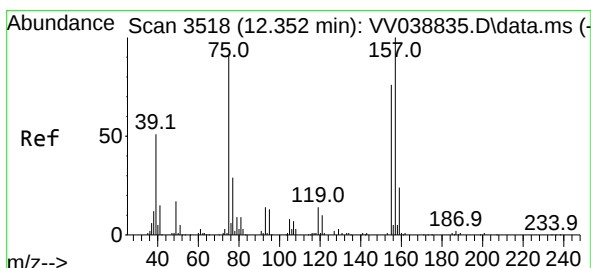
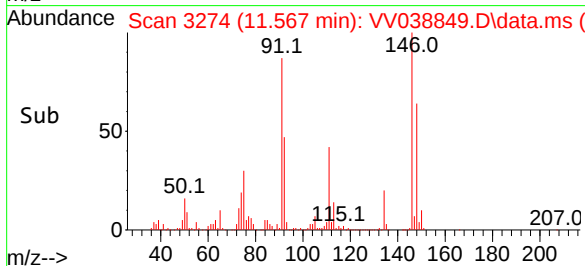
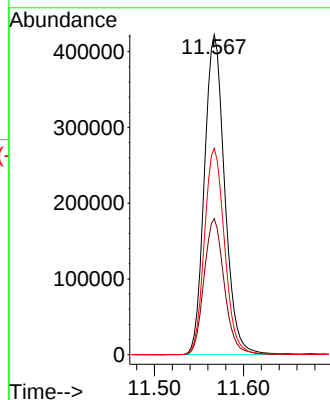
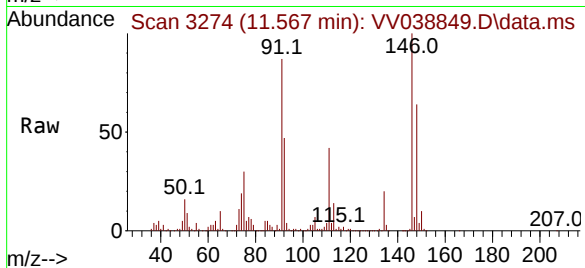
Tgt Ion:146 Resp: 666044

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.509 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

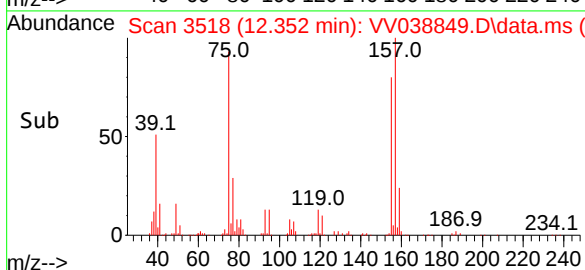
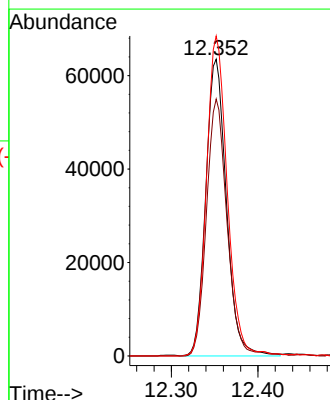
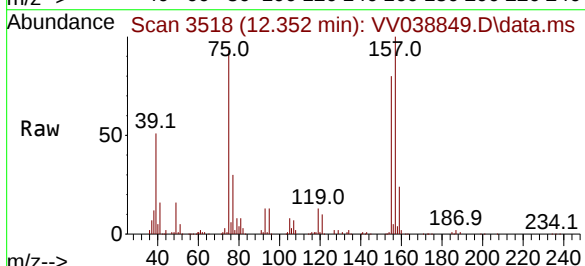
Tgt Ion: 75 Resp: 104995

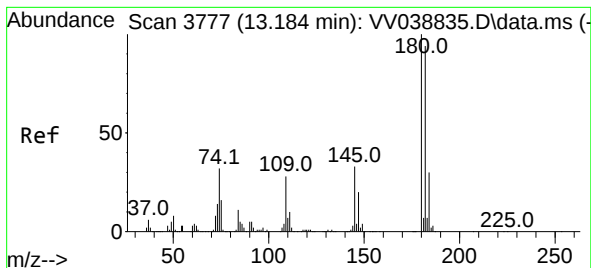
Ion Ratio Lower Upper

75 100

155 85.8 43.2 129.6

157 108.7 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 48.348 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

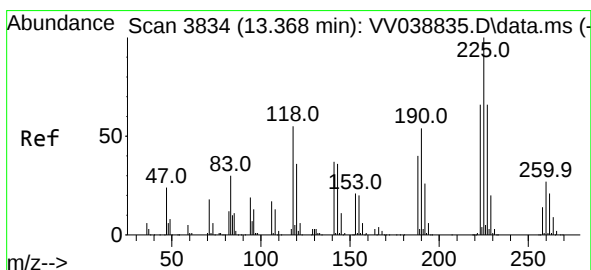
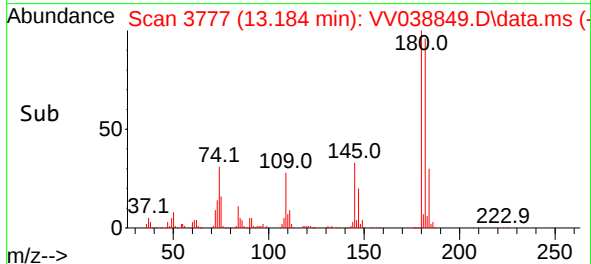
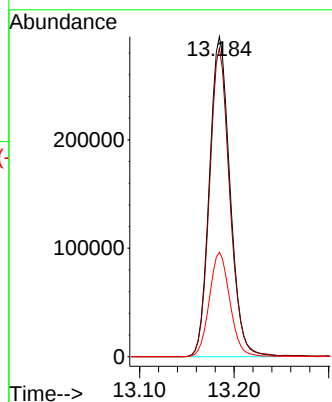
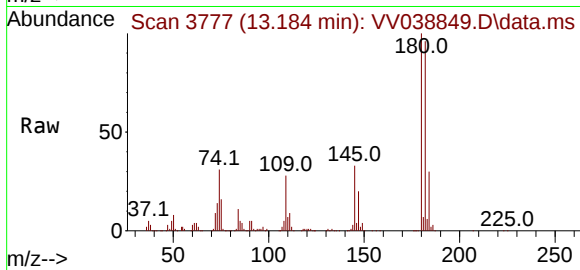
Tgt Ion:180 Resp: 446060

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 32.7 16.4 49.1



#94

Hexachlorobutadiene

Concen: 45.894 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038849.D

Acq: 02 Jul 2025 18:26

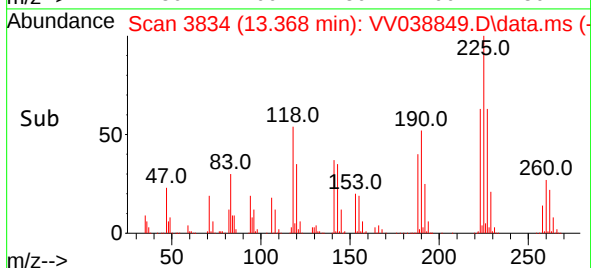
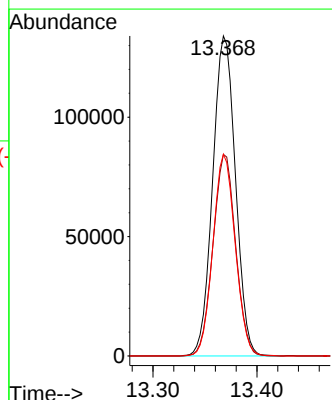
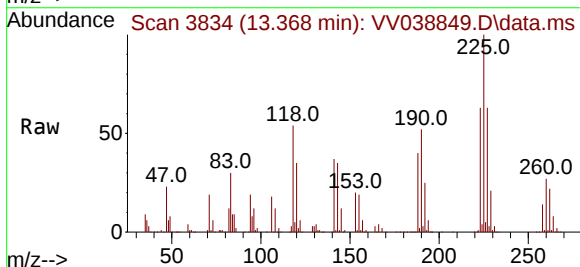
Tgt Ion:225 Resp: 204332

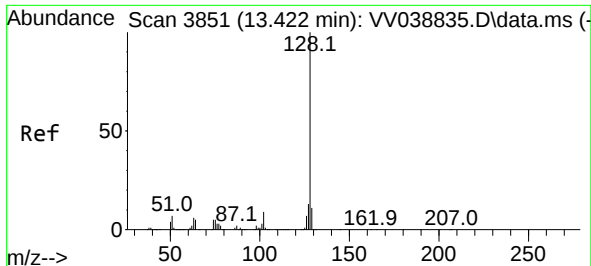
Ion Ratio Lower Upper

225 100

223 62.6 33.2 99.6

227 61.7 32.3 96.8

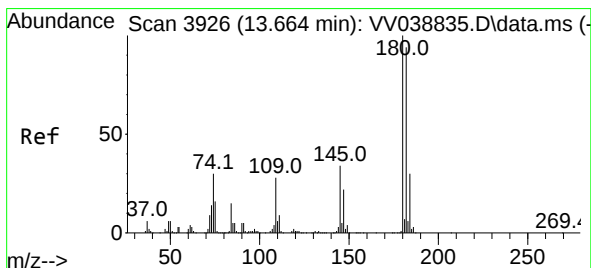
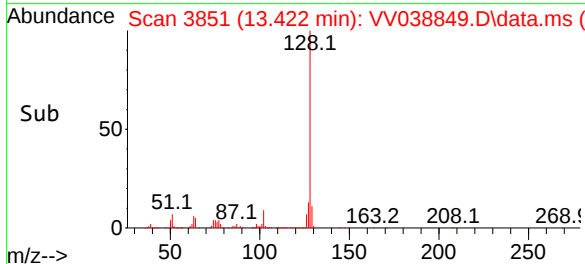
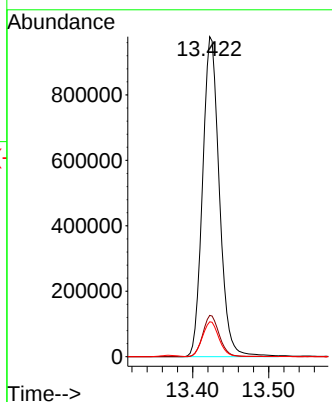
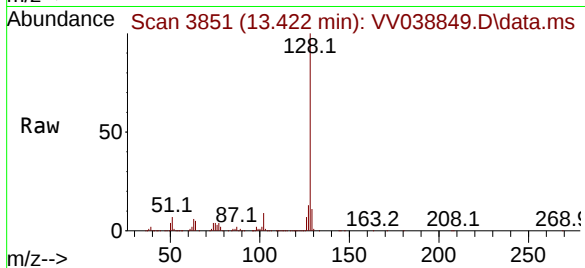




#95
Naphthalene
Concen: 50.954 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1495523
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.152 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV038849.D
Acq: 02 Jul 2025 18:26

Tgt Ion:180 Resp: 458453
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 35.2 17.1 51.2

