

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070325\
 Data File : VW038851.D
 Acq On : 03 Jul 2025 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 03:49:46 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	4.596	168	524089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	800288	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	759894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	448570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	276730	47.114	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.220%
35) Dibromofluoromethane	4.497	113	255090	50.322	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.640%
50) Toluene-d8	7.233	98	818122	49.883	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	9.998	95	341311	51.509	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	241305	48.503	ug/l	100
3) Chloromethane	1.227	50	248691	46.307	ug/l	98
4) Vinyl Chloride	1.294	62	263228	46.372	ug/l	100
5) Bromomethane	1.491	94	173798	50.171	ug/l	95
6) Chloroethane	1.558	64	179028	47.045	ug/l	99
7) Trichlorofluoromethane	1.725	101	472373	47.035	ug/l	99
8) Diethyl Ether	1.915	74	158707	45.412	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	281496	49.570	ug/l	99
10) Methyl Iodide	2.195	142	369658	51.306	ug/l	99
11) Tert butyl alcohol	2.558	59	187199	244.165	ug/l	100
12) 1,1-Dichloroethene	2.079	96	250216	46.359	ug/l	98
13) Acrolein	2.008	56	55706	290.983	ug/l	94
14) Allyl chloride	2.355	41	353555	48.710	ug/l	100
15) Acrylonitrile	2.667	53	701782	261.672	ug/l	100
16) Acetone	2.114	43	484043	247.291	ug/l	98
17) Carbon Disulfide	2.249	76	577190	46.166	ug/l	100
18) Methyl Acetate	2.375	43	347578	52.077	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	870794	52.182	ug/l	99
20) Methylene Chloride	2.452	84	297767	46.031	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	263602	48.837	ug/l	99
22) Diisopropyl ether	3.207	45	811853	54.557	ug/l	91
23) Vinyl Acetate	3.185	43	2932330	273.271	ug/l	100
24) 1,1-Dichloroethane	3.117	63	490955	48.941	ug/l	99
25) 2-Butanone	3.854	43	761697	263.145	ug/l	100
26) 2,2-Dichloropropane	3.809	77	441683	47.505	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	313515	49.842	ug/l	99
28) Bromochloromethane	4.143	49	204716	47.748	ug/l #	100
29) Tetrahydrofuran	4.224	42	524667	267.632	ug/l	99
30) Chloroform	4.275	83	548991	50.229	ug/l	98
31) Cyclohexane	4.584	56	370586	46.647	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	497557	49.049	ug/l	99
36) 1,1-Dichloropropene	4.741	75	337993	54.947	ug/l	99
37) Ethyl Acetate	3.966	43	316760	50.466	ug/l	95
38) Carbon Tetrachloride	4.732	117	430789	53.208	ug/l	99
39) Methylcyclohexane	6.043	83	418897	52.084	ug/l	96
40) Benzene	5.005	78	1069353	52.647	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.150	41	156561	51.223	ug/l	97
42) 1,2-Dichloroethane	5.037	62	380691	52.939	ug/l	98
43) Isopropyl Acetate	5.185	43	523051	52.235	ug/l	99
44) Trichloroethene	5.828	130	275083	51.895	ug/l	96
45) 1,2-Dichloropropane	6.085	63	263511	51.657	ug/l	99
46) Dibromomethane	6.223	93	211053	52.463	ug/l	98
47) Bromodichloromethane	6.423	83	439368	51.580	ug/l	97
48) Methyl methacrylate	6.291	41	247323	51.943	ug/l	98
49) 1,4-Dioxane	6.281	88	72819	1103.360	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	1780916	281.841	ug/l	99
52) Toluene	7.307	92	710009	55.948	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	428969	52.603	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	462567	55.476	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	297056	53.530	ug/l	97
56) Ethyl methacrylate	7.712	69	408752	55.989	ug/l	99
57) 1,3-Dichloropropane	7.931	76	481782	55.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	902507	272.250	ug/l	100
59) 2-Hexanone	8.059	43	1240217	278.272	ug/l	99
60) Dibromochloromethane	8.165	129	364702	52.196	ug/l	99
61) 1,2-Dibromoethane	8.272	107	318202	55.423	ug/l	100
64) Tetrachloroethene	7.895	164	243453	49.821	ug/l	98
65) Chlorobenzene	8.802	112	818851	51.133	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	310050	51.847	ug/l	99
67) Ethyl Benzene	8.934	91	1361264	54.255	ug/l	100
68) m/p-Xylenes	9.063	106	1101705	114.639	ug/l	98
69) o-Xylene	9.468	106	510932	55.647	ug/l	99
70) Styrene	9.484	104	925338	57.723	ug/l	99
71) Bromoform	9.654	173	258985	53.296	ug/l #	99
73) Isopropylbenzene	9.854	105	1427421	54.222	ug/l	99
74) N-amyl acetate	9.722	43	484431	52.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	474445	49.713	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	356225	51.326	ug/l	98
77) Bromobenzene	10.140	156	350905	51.670	ug/l	99
78) n-propylbenzene	10.275	91	1710528	54.599	ug/l	100
79) 2-Chlorotoluene	10.345	91	1006476	52.899	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1234619	54.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	162108	49.719	ug/l	95
82) 4-Chlorotoluene	10.461	91	1202146	54.807	ug/l	100
83) tert-Butylbenzene	10.789	119	1236817	52.978	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1227211	55.627	ug/l	100
85) sec-Butylbenzene	11.011	105	1610052	54.172	ug/l	100
86) p-Isopropyltoluene	11.165	119	1377652	54.063	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	706953	51.204	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	724993	49.835	ug/l	100
89) n-Butylbenzene	11.577	91	1306797	55.334	ug/l	99
90) Hexachloroethane	11.821	117	269899	48.795	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	671252	51.581	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	100522	49.749	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	447126	53.007	ug/l	99
94) Hexachlorobutadiene	13.368	225	201602	49.526	ug/l	98
95) Naphthalene	13.422	128	1450604	54.057	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	458161	52.632	ug/l	100

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ALS Vial : 2 Sample Multiplier: 1

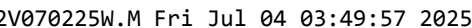
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

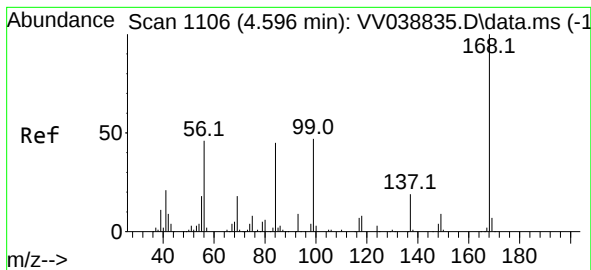
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

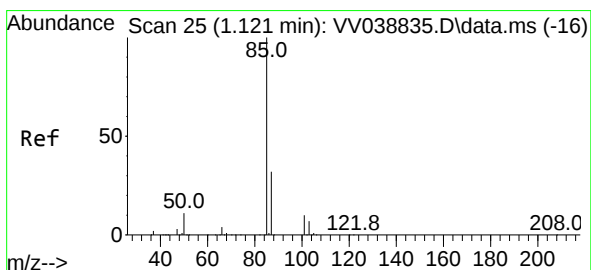
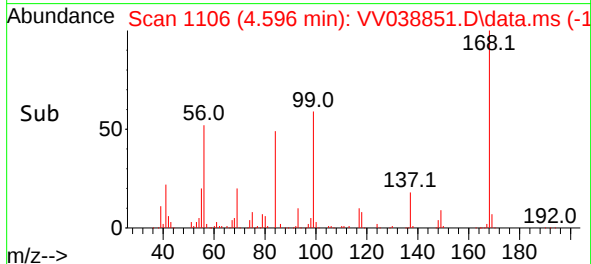
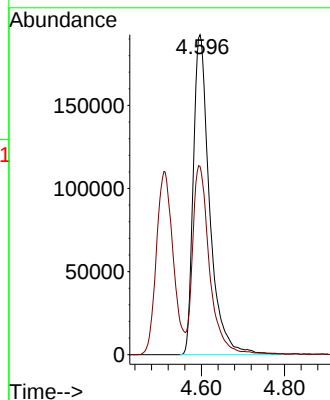
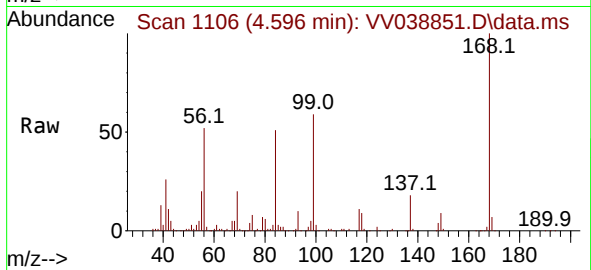
VSTDCCC050

Tgt Ion:168 Resp: 524089

Ion Ratio Lower Upper

168 100

99 58.6 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 48.503 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038851.D

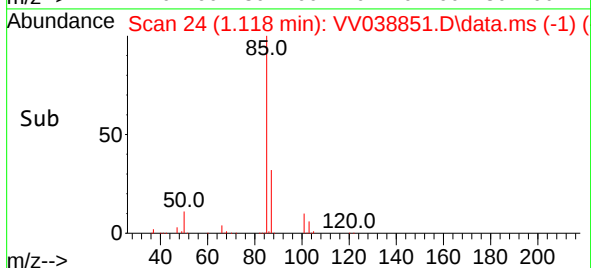
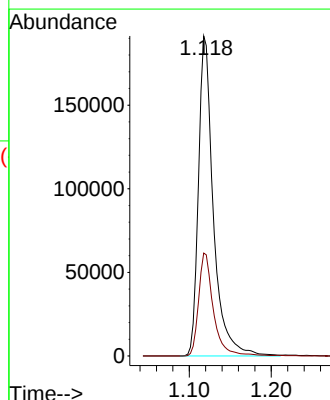
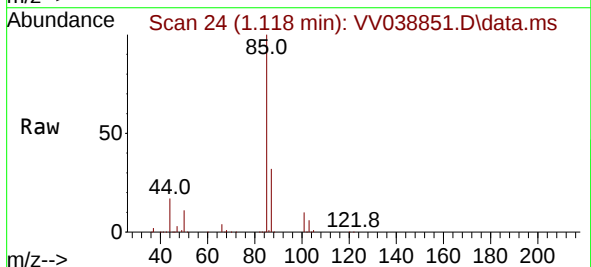
Acq: 03 Jul 2025 09:09

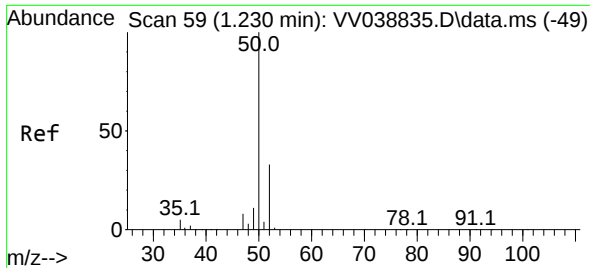
Tgt Ion: 85 Resp: 241305

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3

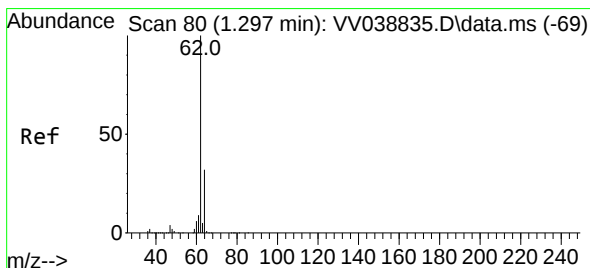
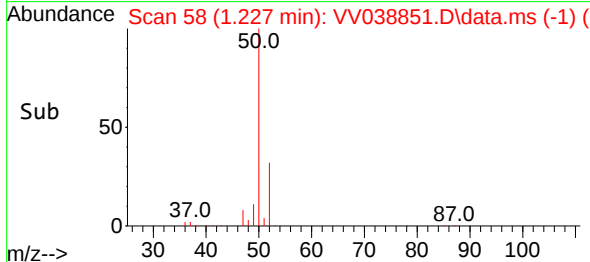
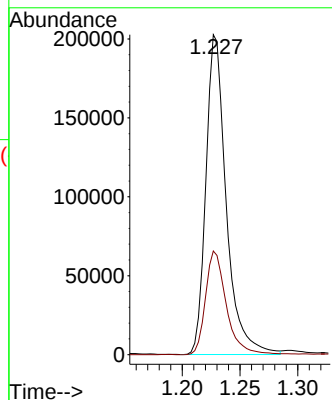
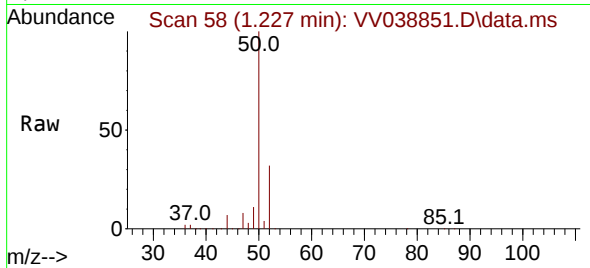




#3
Chloromethane
Concen: 46.307 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

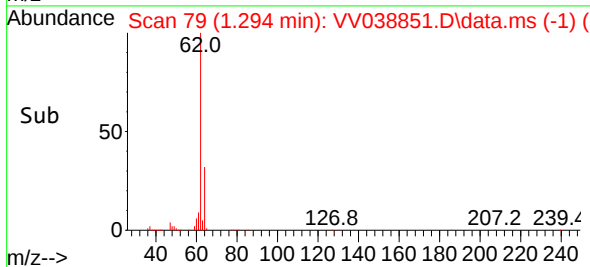
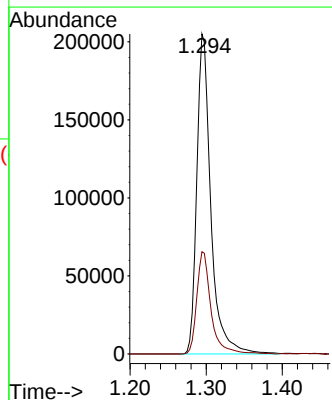
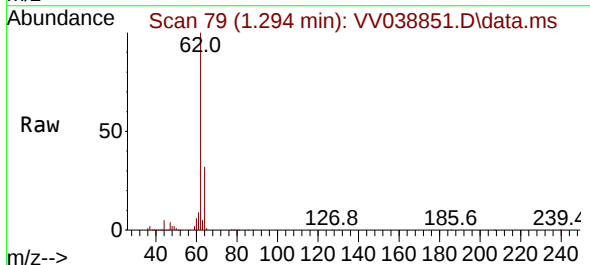
Instrument :
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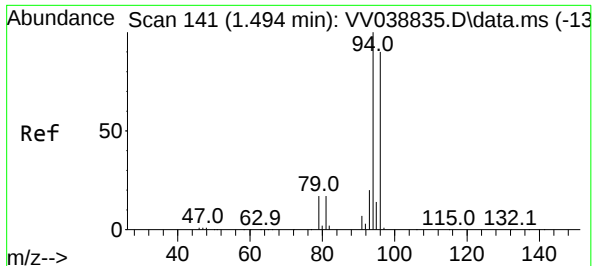
Tgt Ion: 50 Resp: 248691
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1



#4
Vinyl Chloride
Concen: 46.372 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 62 Resp: 263228
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

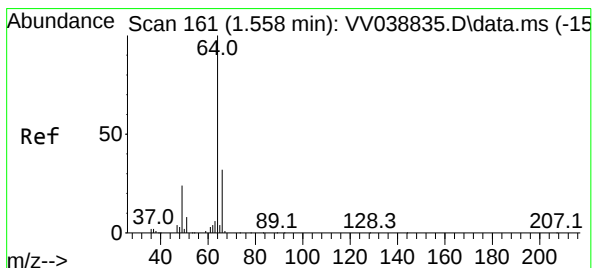
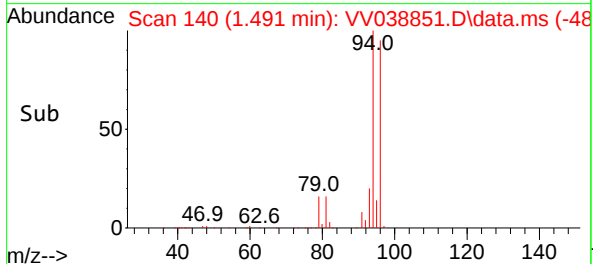
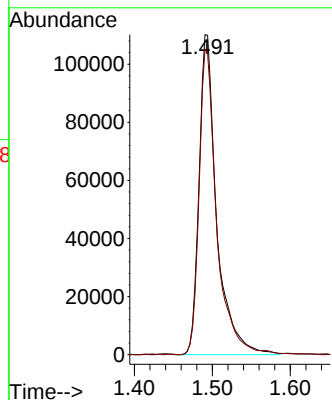
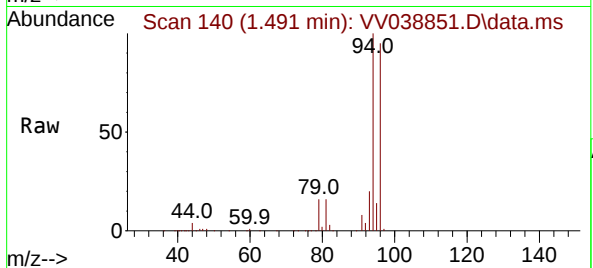




#5
Bromomethane
Concen: 50.171 ug/l
RT: 1.491 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

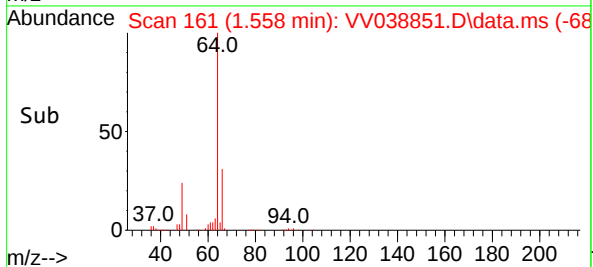
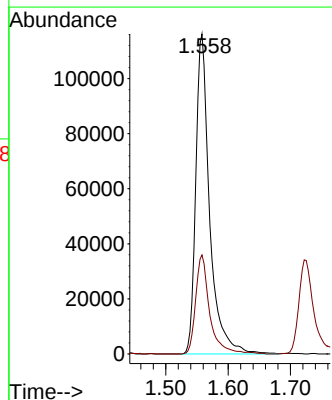
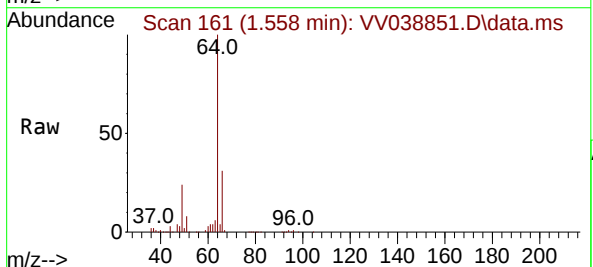
Instrument :
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Tgt Ion: 94 Resp: 173798
Ion Ratio Lower Upper
94 100
96 95.4 72.2 108.4



#6
Chloroethane
Concen: 47.045 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 64 Resp: 179028
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

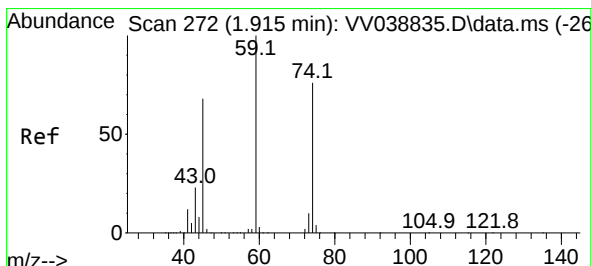
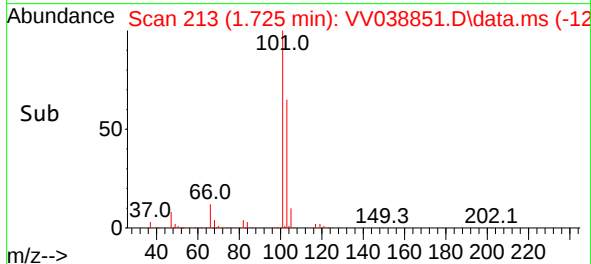
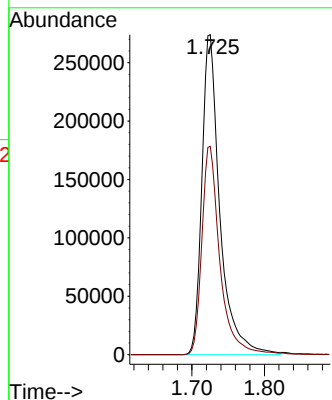
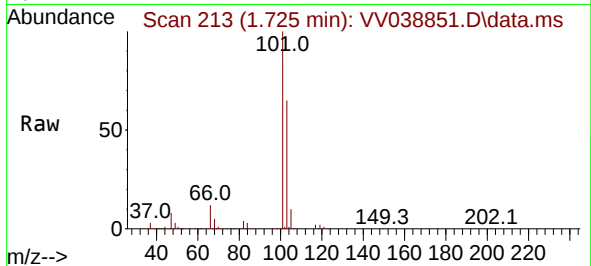




#7
 Trichlorofluoromethane
 Concen: 47.035 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

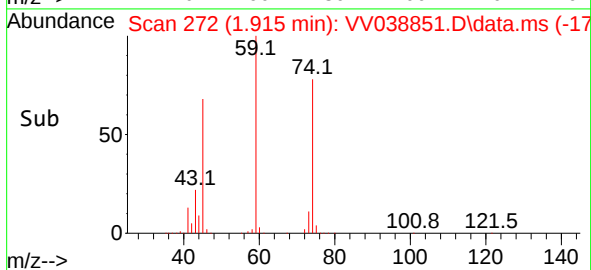
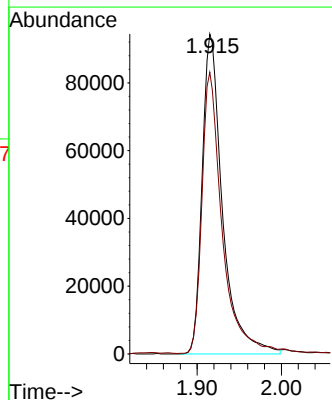
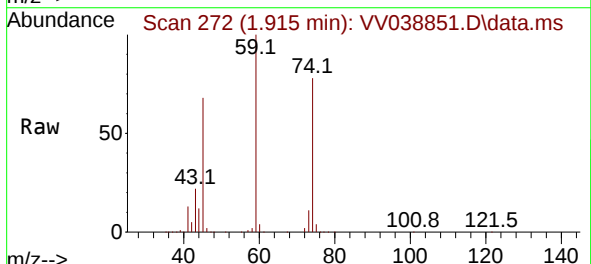
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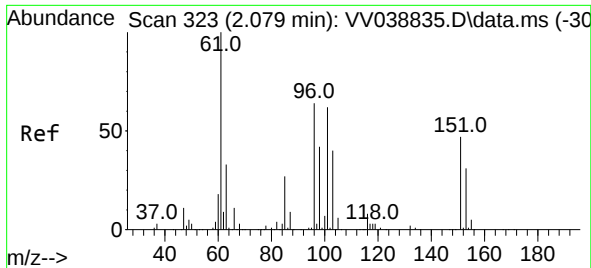
Tgt Ion:101 Resp: 472373
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.8 79.2



#8
 Diethyl Ether
 Concen: 45.412 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

Tgt Ion: 74 Resp: 158707
 Ion Ratio Lower Upper
 74 100
 45 87.0 43.9 131.7

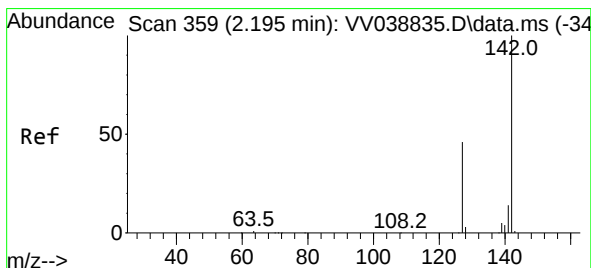
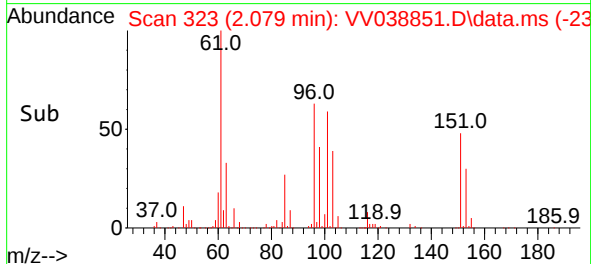
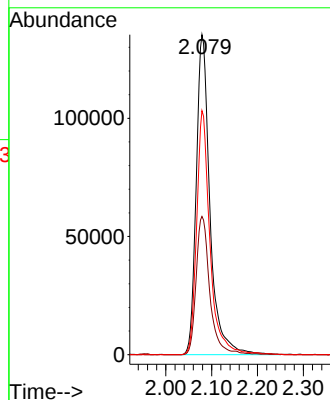
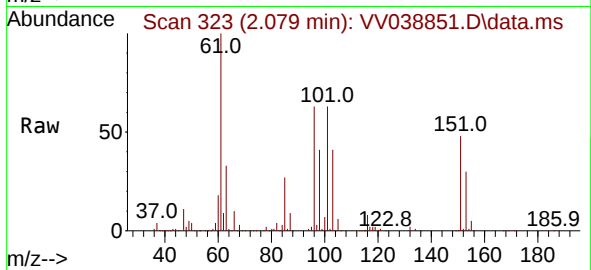




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.570 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

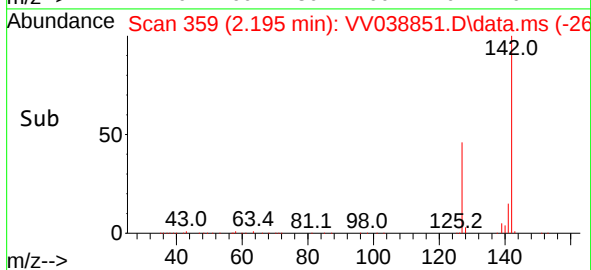
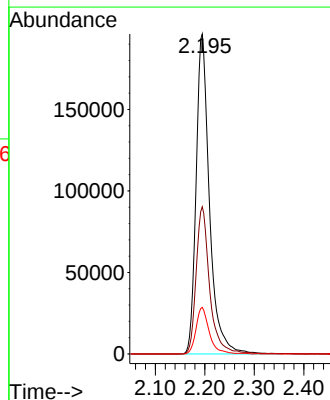
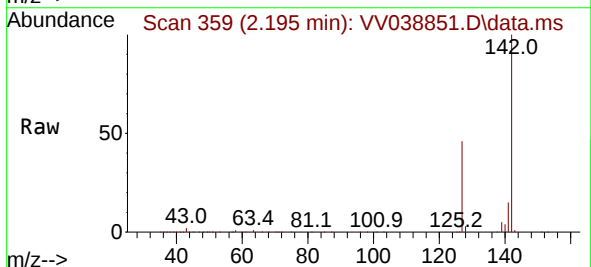
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

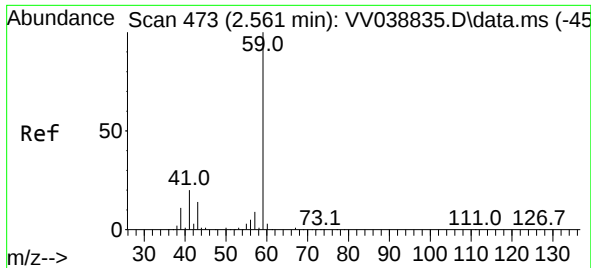
Tgt Ion:101 Resp: 281496
Ion Ratio Lower Upper
101 100
85 43.1 34.6 52.0
151 73.7 60.4 90.6



#10
Methyl Iodide
Concen: 51.306 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion:142 Resp: 369658
Ion Ratio Lower Upper
142 100
127 46.6 36.9 55.3
141 14.4 11.8 17.8

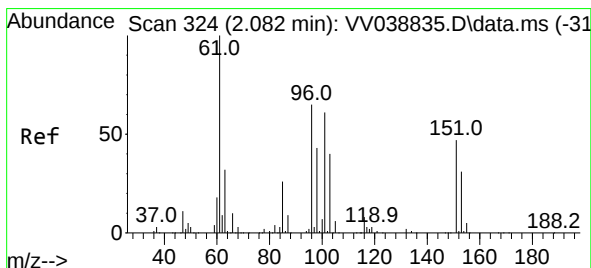
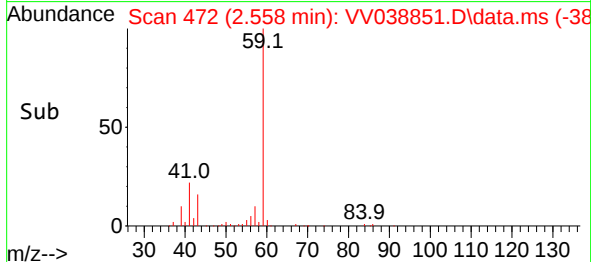
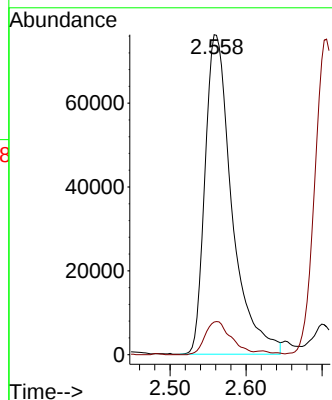
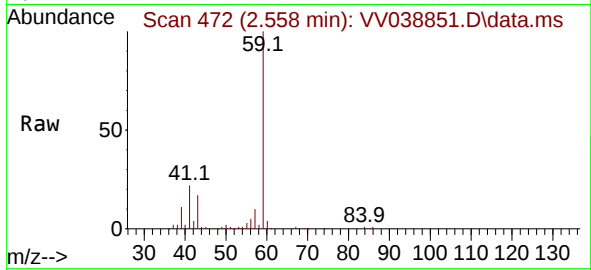




#11
Tert butyl alcohol
Concen: 244.165 ug/l
RT: 2.558 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

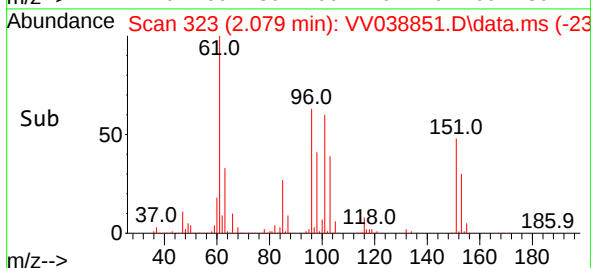
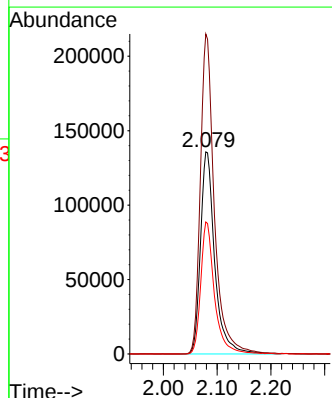
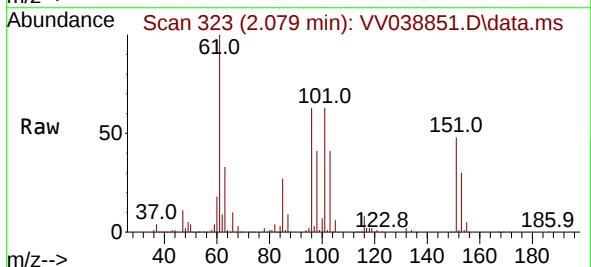
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

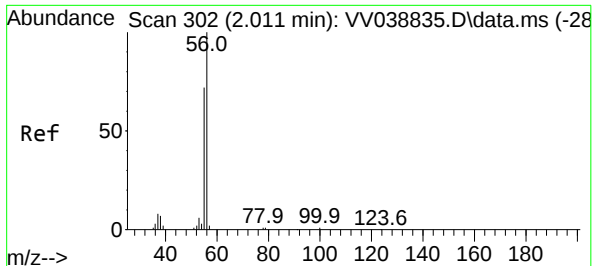
Tgt Ion: 59 Resp: 187199
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 46.359 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 96 Resp: 250216
Ion Ratio Lower Upper
96 100
61 158.3 123.5 185.3
98 65.3 52.5 78.7

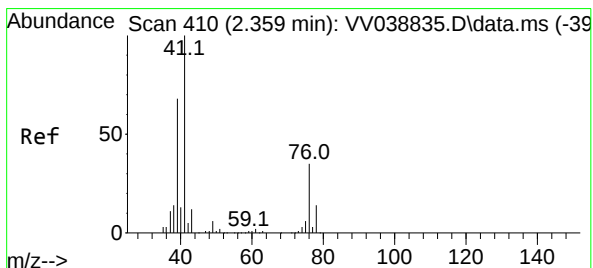
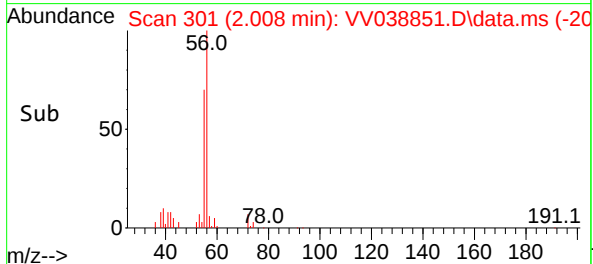
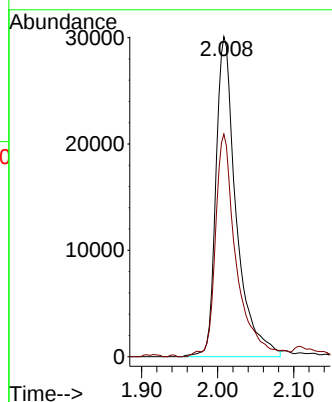
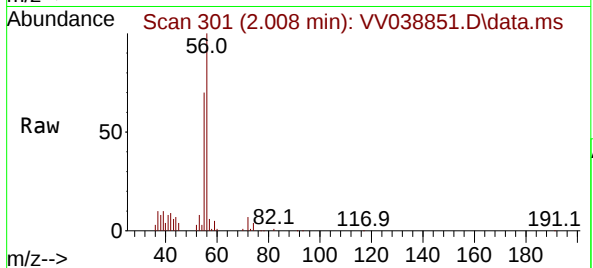




#13
Acrolein
Concen: 290.983 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

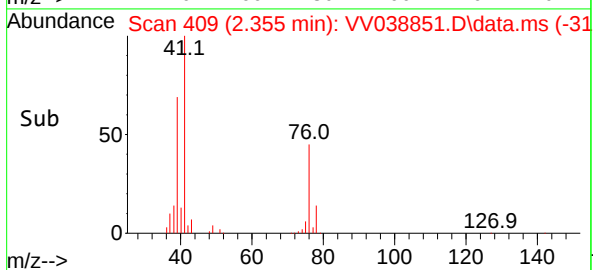
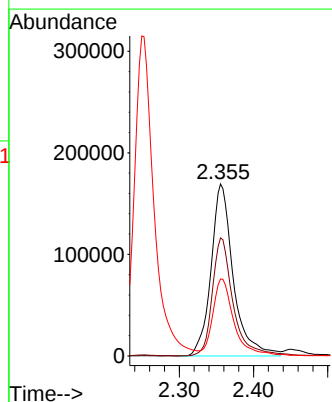
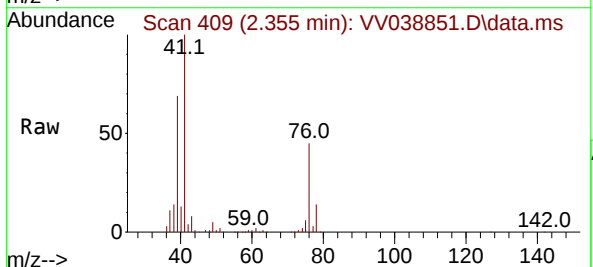
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

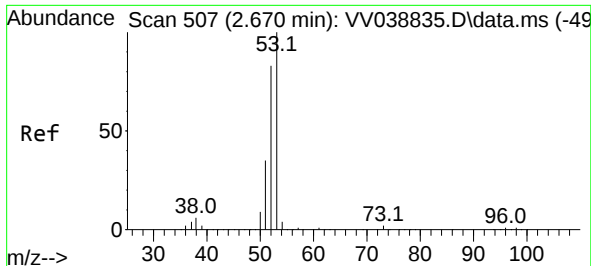
Tgt Ion: 56 Resp: 55706
Ion Ratio Lower Upper
56 100
55 71.6 53.4 80.2



#14
Allyl chloride
Concen: 48.710 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 41 Resp: 353555
Ion Ratio Lower Upper
41 100
39 64.1 51.0 76.4
76 42.3 33.6 50.4

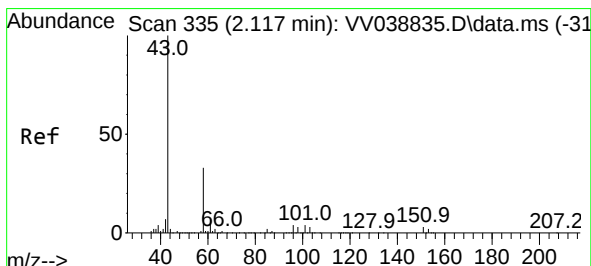
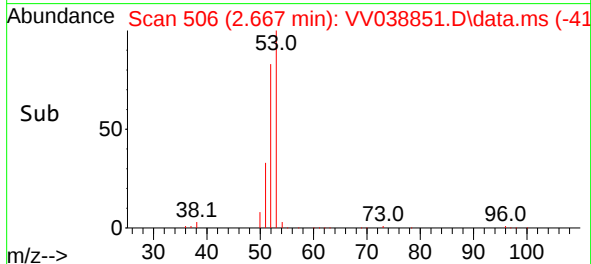
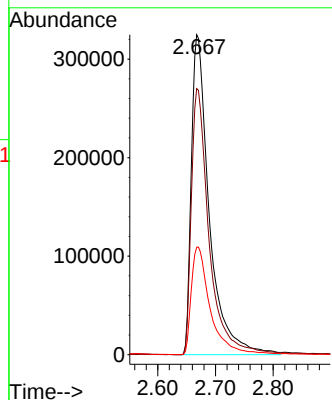
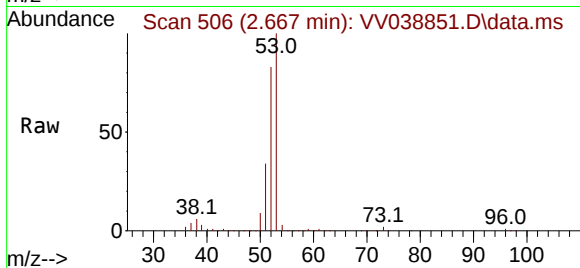




#15
Acrylonitrile
Concen: 261.672 ug/l
RT: 2.667 min Scan# 507
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

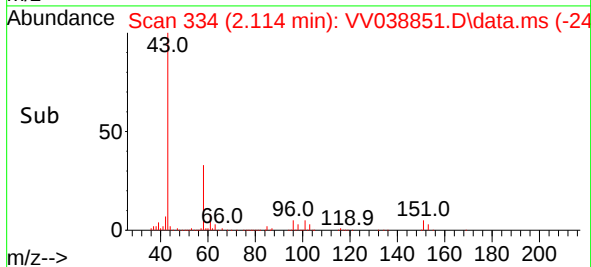
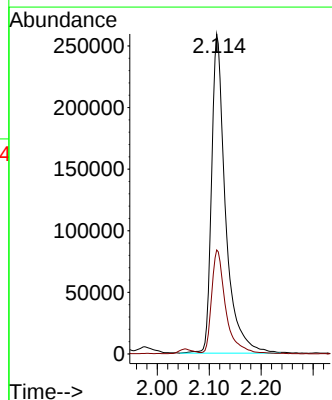
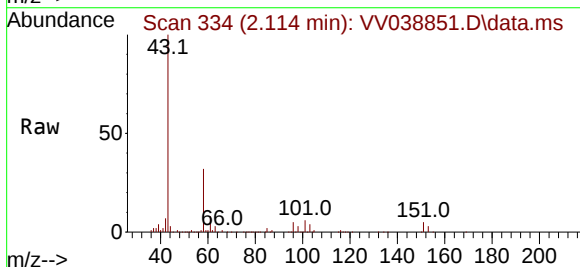
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

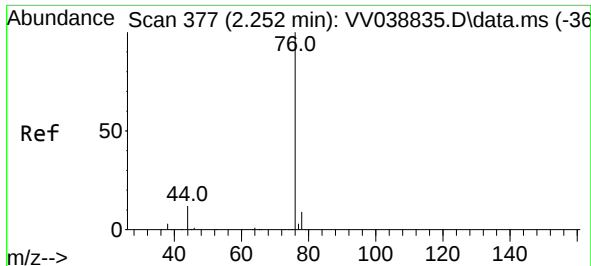
Tgt Ion: 53 Resp: 701782
Ion Ratio Lower Upper
53 100
52 82.3 65.8 98.6
51 35.5 28.5 42.7



#16
Acetone
Concen: 247.291 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 43 Resp: 484043
Ion Ratio Lower Upper
43 100
58 32.4 27.0 40.4





#17

Carbon Disulfide

Concen: 46.166 ug/l

RT: 2.249 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

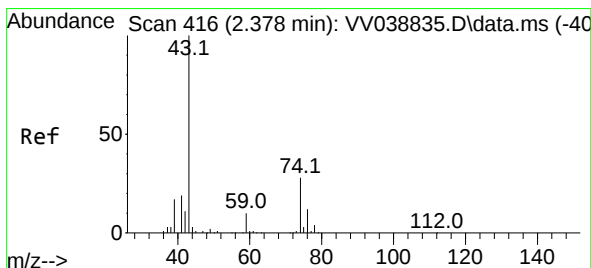
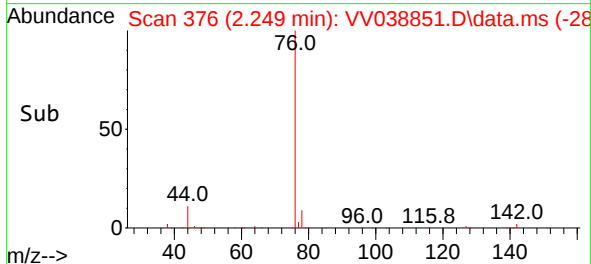
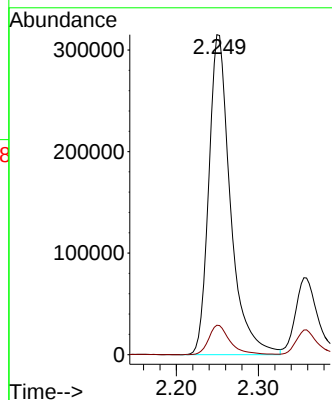
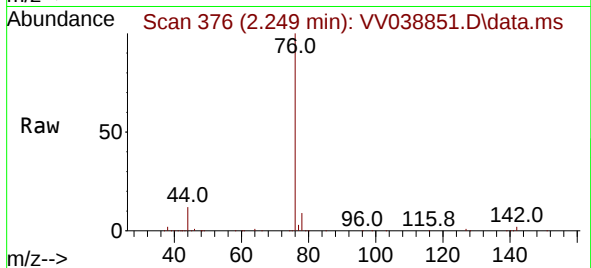
VSTDCCC050

Tgt Ion: 76 Resp: 577190

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 52.077 ug/l

RT: 2.375 min Scan# 415

Delta R.T. -0.003 min

Lab File: VV038851.D

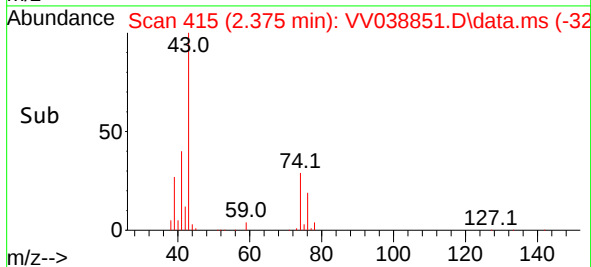
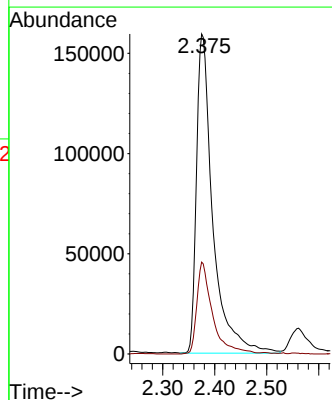
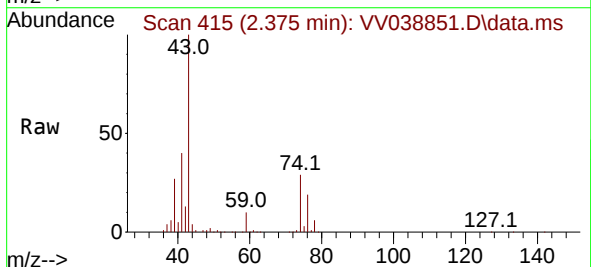
Acq: 03 Jul 2025 09:09

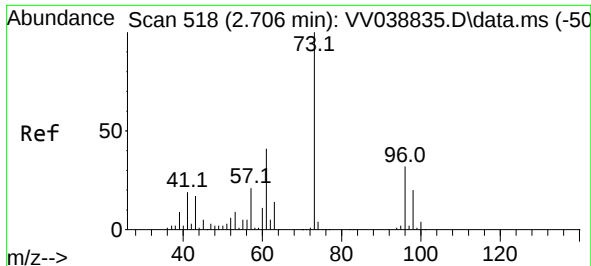
Tgt Ion: 43 Resp: 347578

Ion Ratio Lower Upper

43 100

74 27.6 21.4 32.0

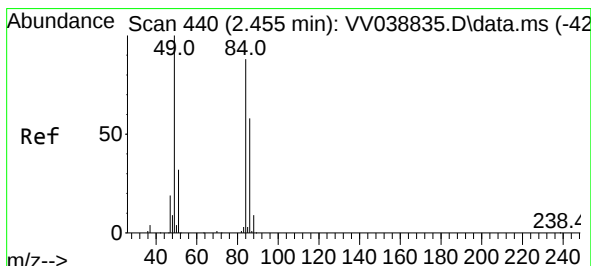
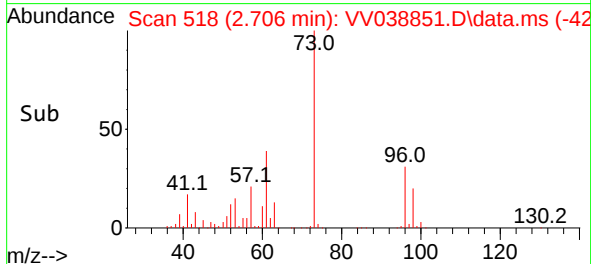
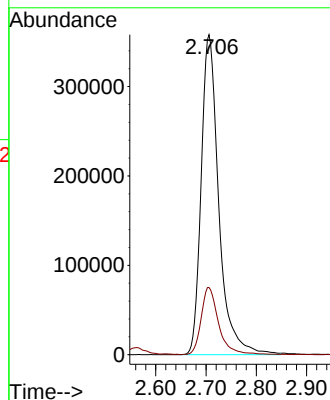
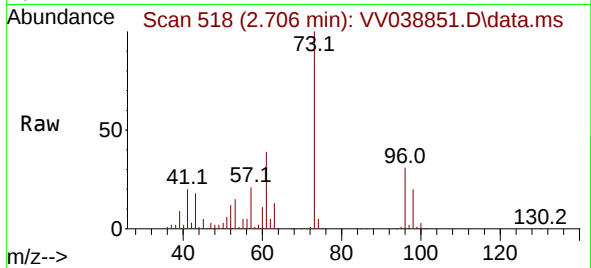




#19
Methyl tert-butyl Ether
Concen: 52.182 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

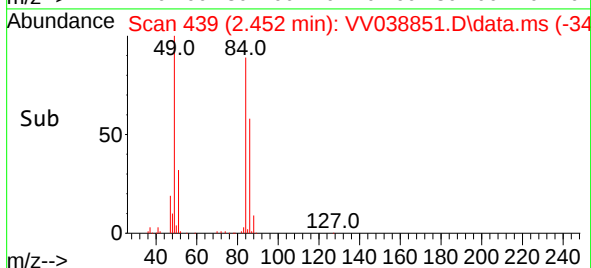
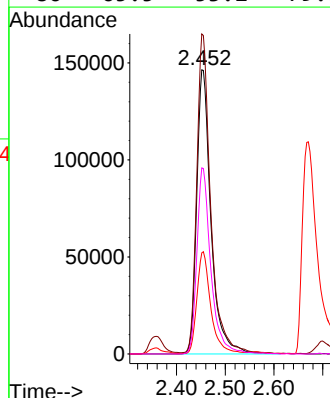
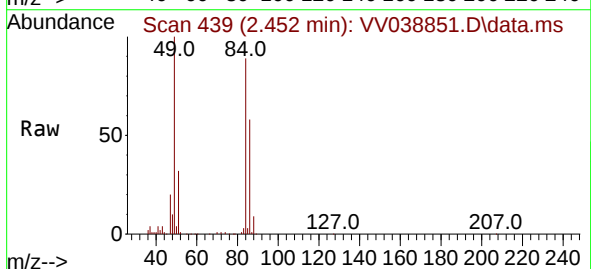
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

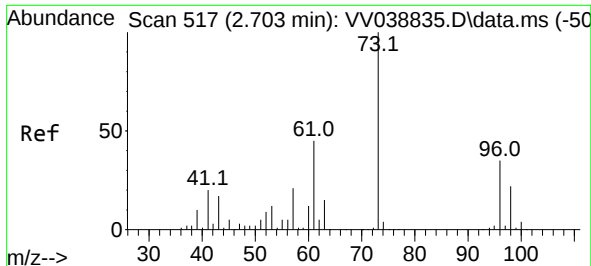
Tgt Ion: 73 Resp: 870794
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 46.031 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 84 Resp: 297767
Ion Ratio Lower Upper
84 100
49 112.5 91.0 136.4
51 35.5 29.4 44.2
86 65.5 53.2 79.8

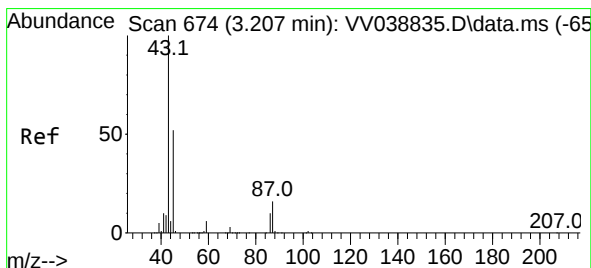
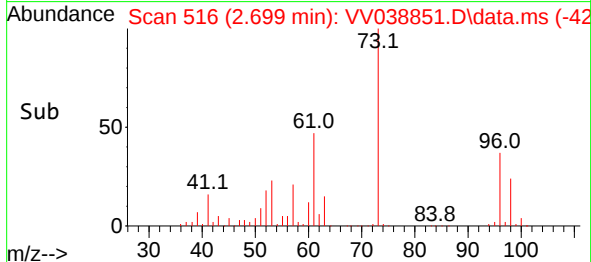
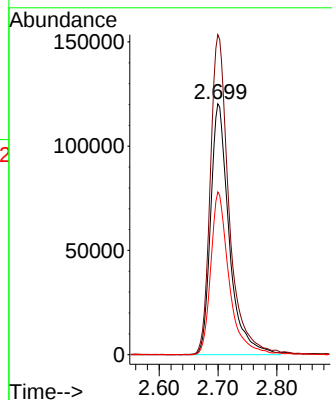
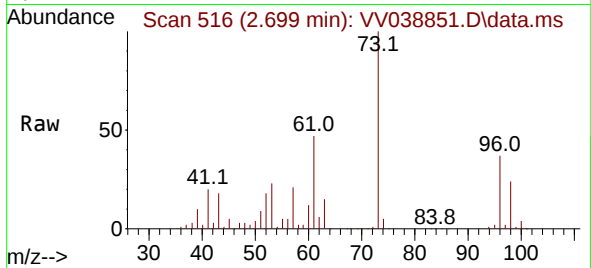




#21
trans-1,2-Dichloroethene
Concen: 48.837 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

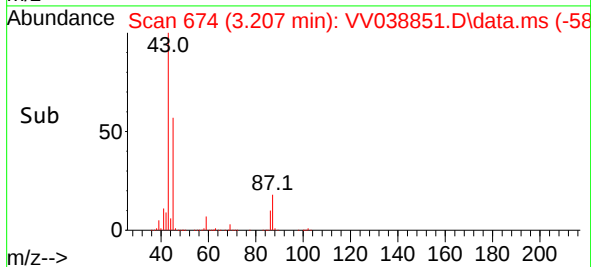
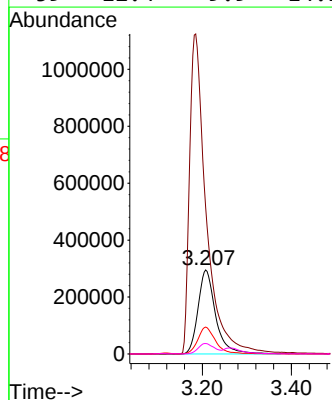
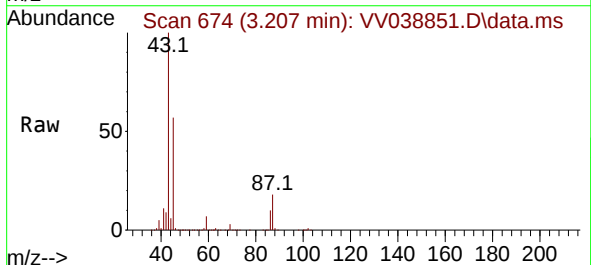
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

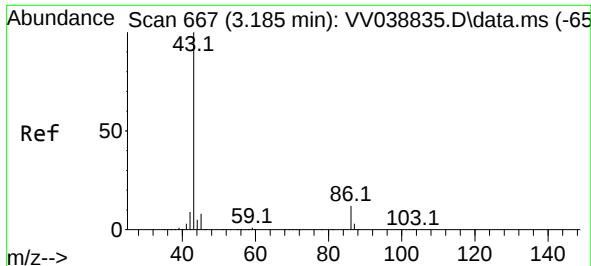
Tgt Ion: 96 Resp: 263602
Ion Ratio Lower Upper
96 100
61 127.6 102.8 154.2
98 64.9 50.9 76.3



#22
Diisopropyl ether
Concen: 54.557 ug/l
RT: 3.207 min Scan# 674
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 45 Resp: 811853
Ion Ratio Lower Upper
45 100
43 174.7 153.1 229.7
87 31.7 25.2 37.8
59 12.4 9.9 14.9

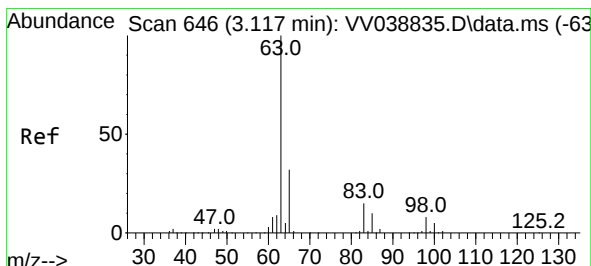
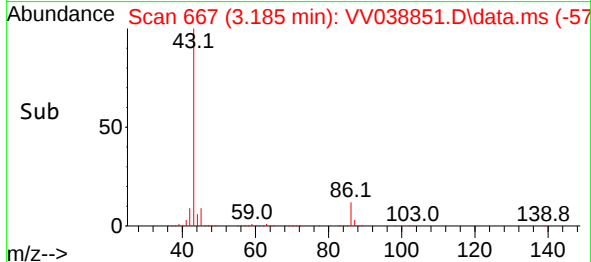
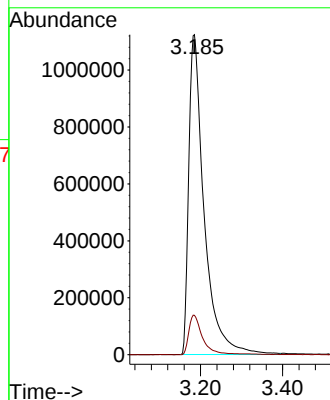
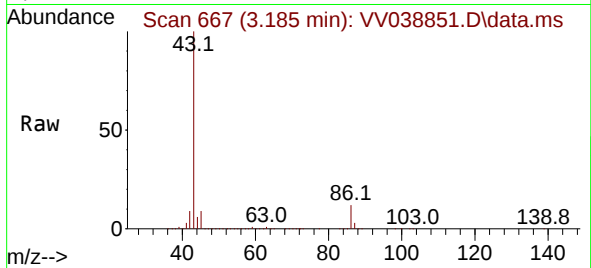




#23
 Vinyl Acetate
 Concen: 273.271 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

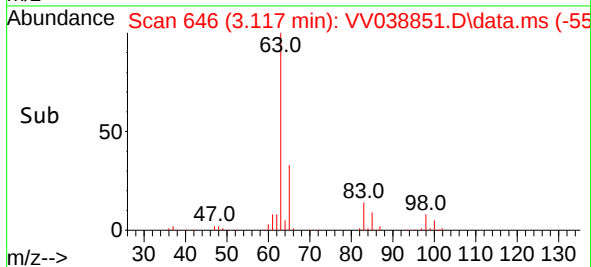
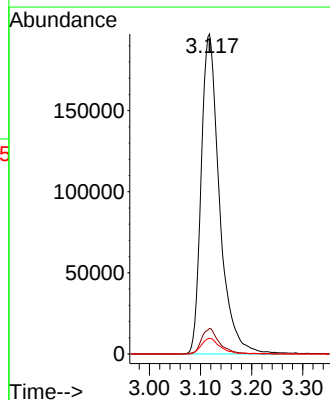
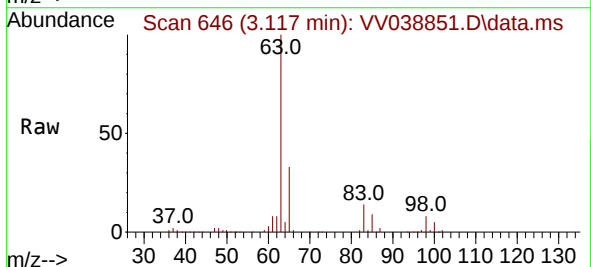
Instrument :
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 ClientSampleId :
 VSTDCCC050

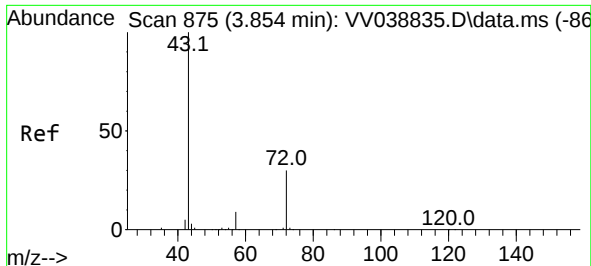
Tgt Ion: 43 Resp: 2932330
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 48.941 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

Tgt Ion: 63 Resp: 490955
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.1 12.3
 100 4.9 2.4 7.2

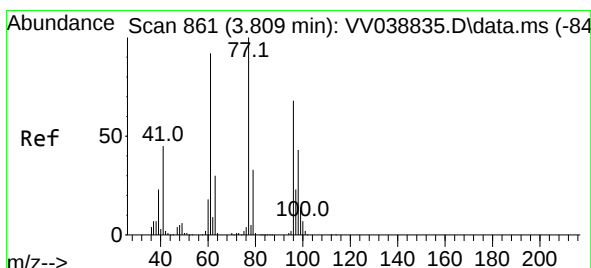
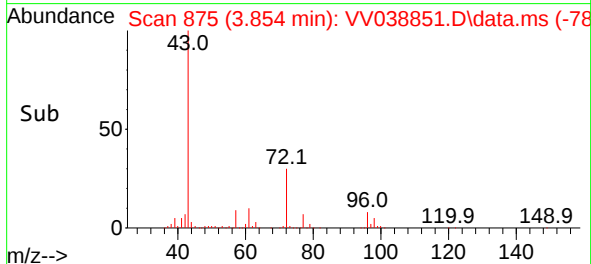
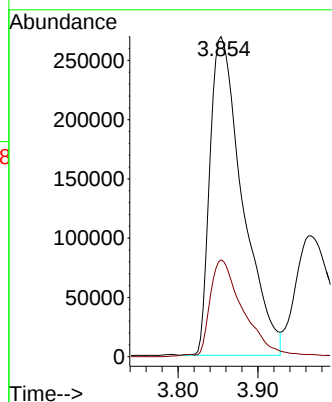
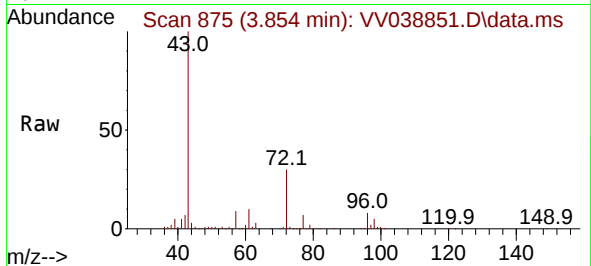




#25
2-Butanone
Concen: 263.145 ug/l
RT: 3.854 min Scan# 875
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

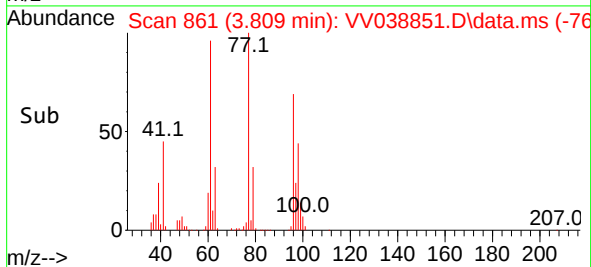
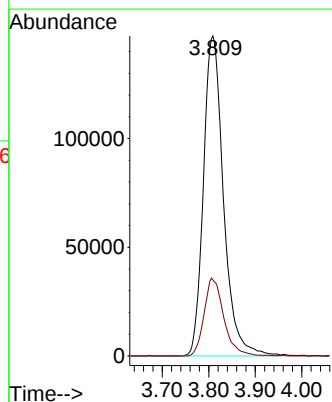
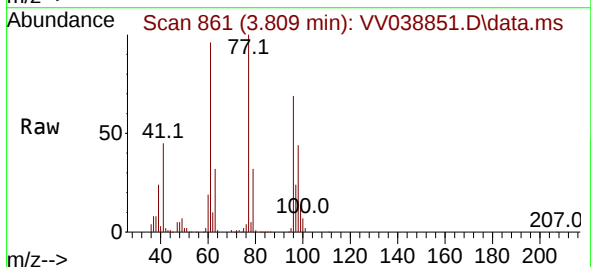
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

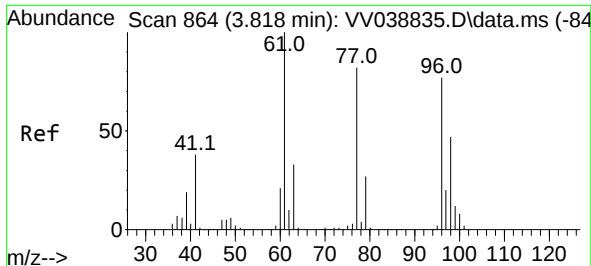
Tgt Ion: 43 Resp: 761697
Ion Ratio Lower Upper
43 100
72 30.0 23.8 35.8



#26
2,2-Dichloropropane
Concen: 47.505 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 77 Resp: 441683
Ion Ratio Lower Upper
77 100
97 23.8 11.5 34.4

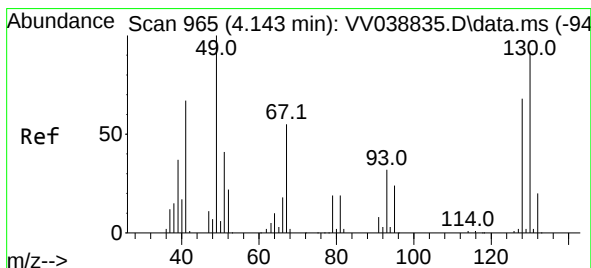
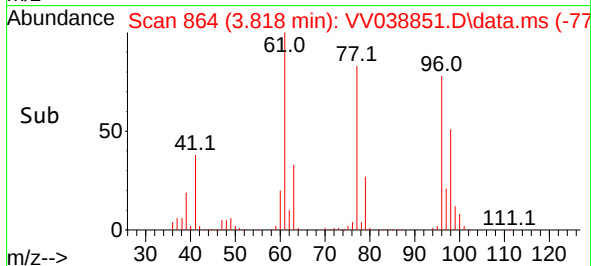
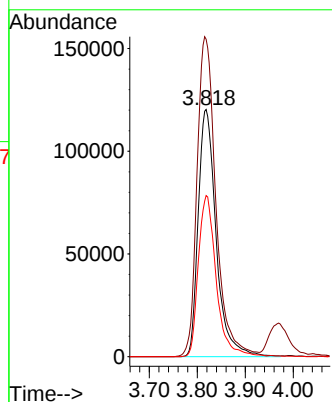
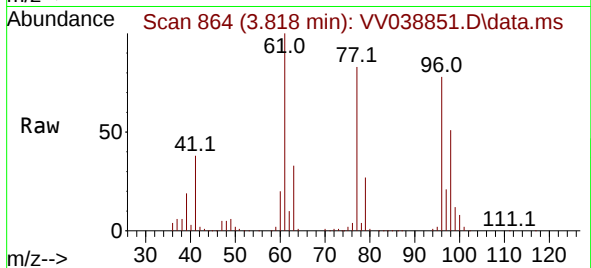




#27
 cis-1,2-Dichloroethene
 Concen: 49.842 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

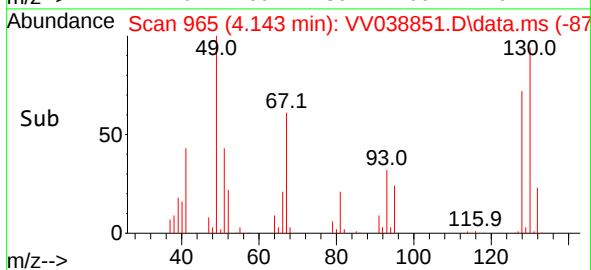
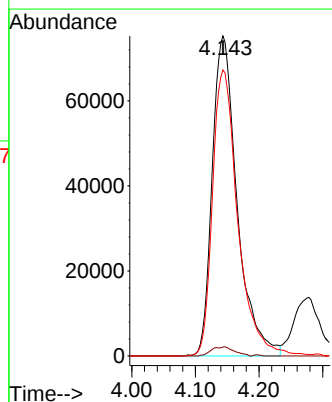
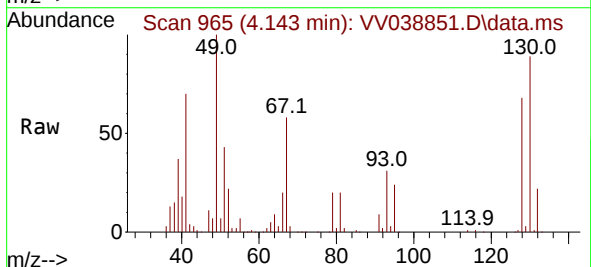
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

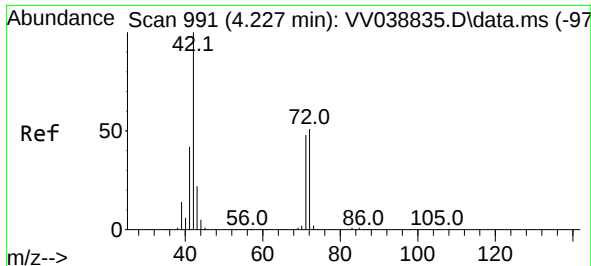
Tgt Ion: 96 Resp: 313515
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 268.4
 98 64.7 0.0 128.0



#28
 Bromochloromethane
 Concen: 47.748 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

Tgt Ion: 49 Resp: 204716
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.2#
 130 91.0 72.5 108.7





#29

Tetrahydrofuran

Concen: 267.632 ug/l

RT: 4.224 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

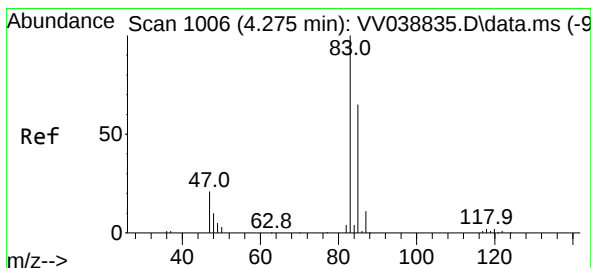
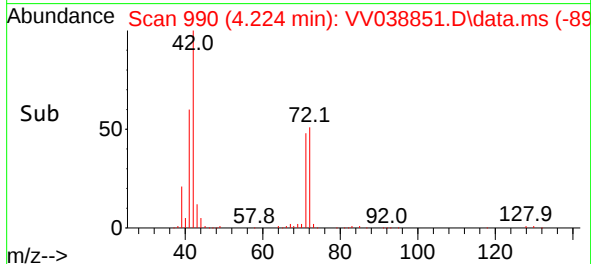
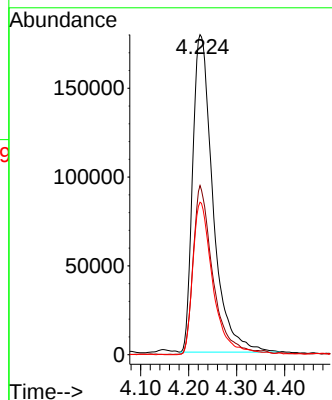
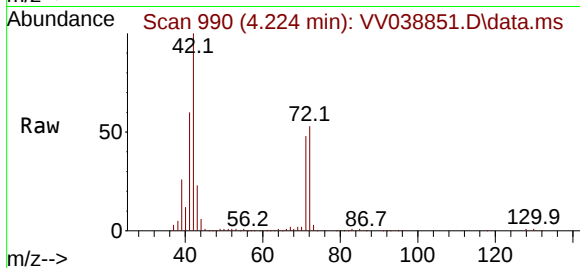
Tgt Ion: 42 Resp: 524667

Ion Ratio Lower Upper

42 100

72 51.4 41.3 61.9

71 47.6 39.2 58.8



#30

Chloroform

Concen: 50.229 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038851.D

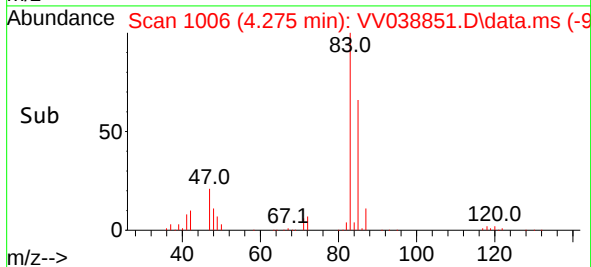
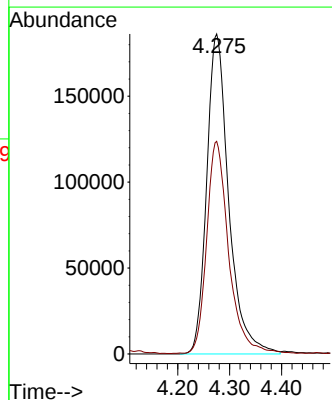
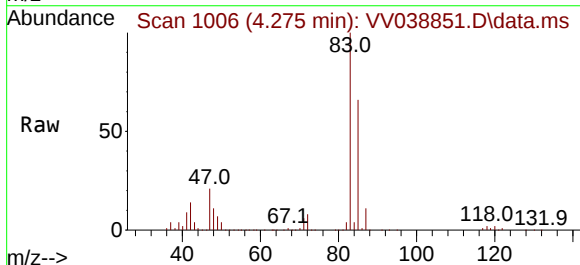
Acq: 03 Jul 2025 09:09

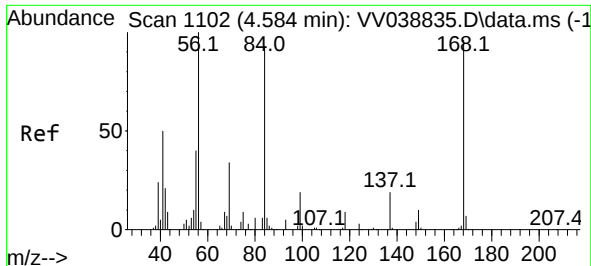
Tgt Ion: 83 Resp: 548991

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6

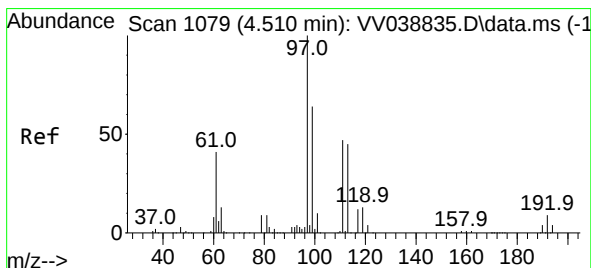
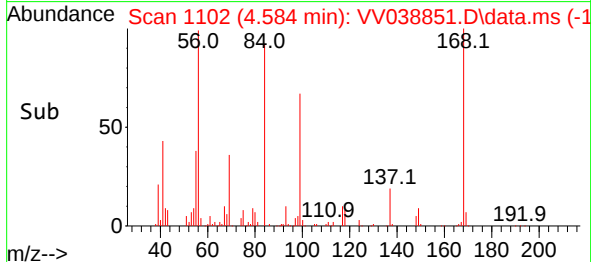
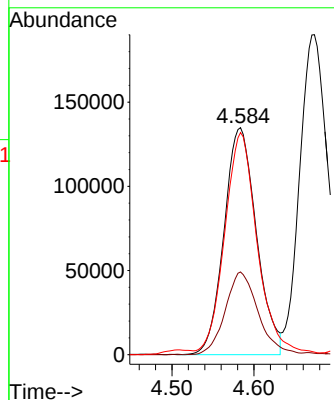
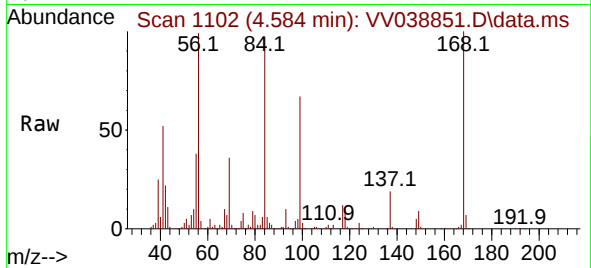




#31
Cyclohexane
Concen: 46.647 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

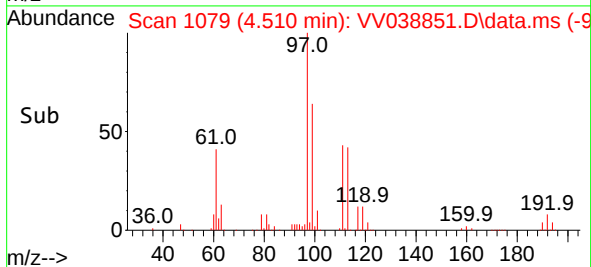
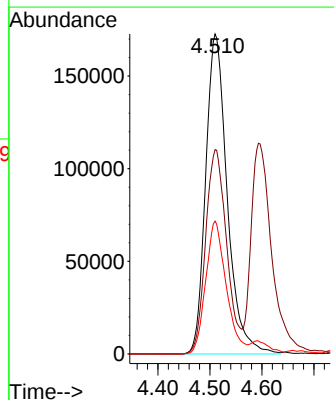
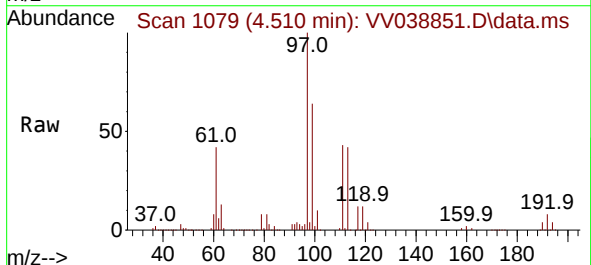
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

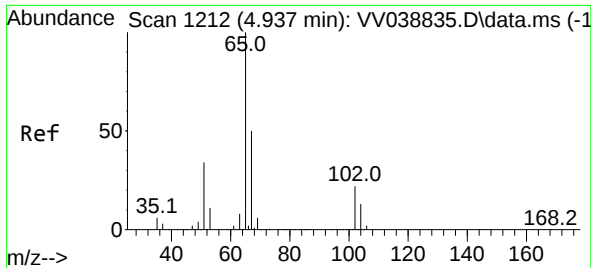
Tgt Ion: 56 Resp: 370586
Ion Ratio Lower Upper
56 100
69 36.3 27.0 40.4
84 95.7 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 49.049 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 97 Resp: 497557
Ion Ratio Lower Upper
97 100
99 62.2 48.8 73.2
61 39.5 31.8 47.8

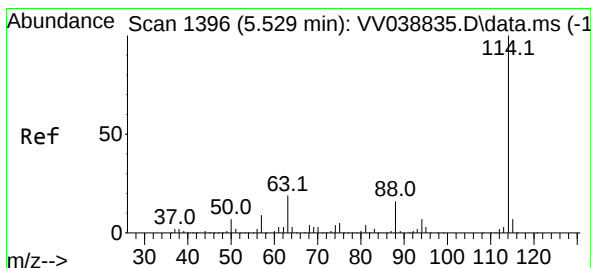
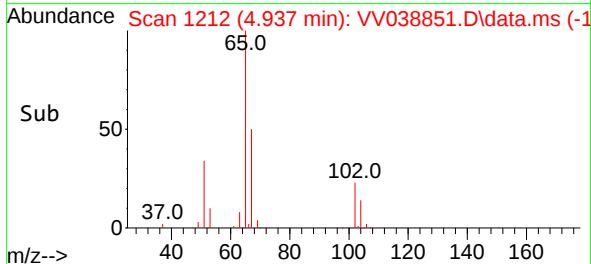
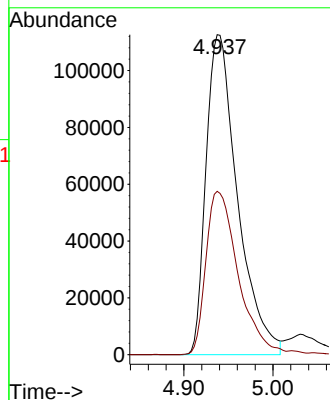
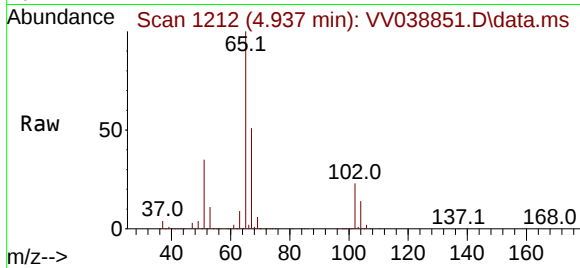




#33
 1,2-Dichloroethane-d4
 Concen: 47.114 ug/l
 RT: 4.937 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

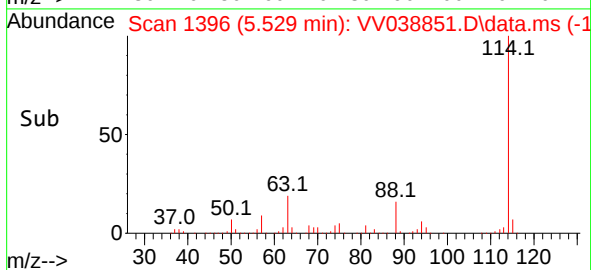
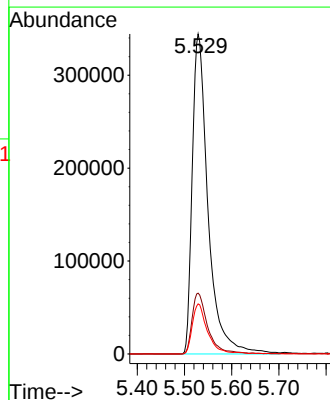
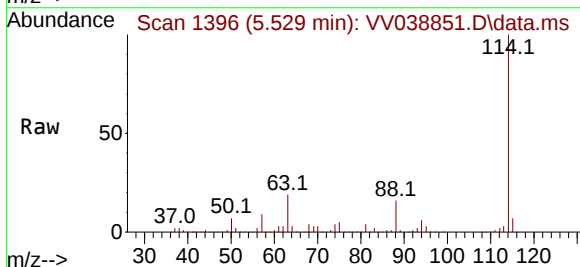
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

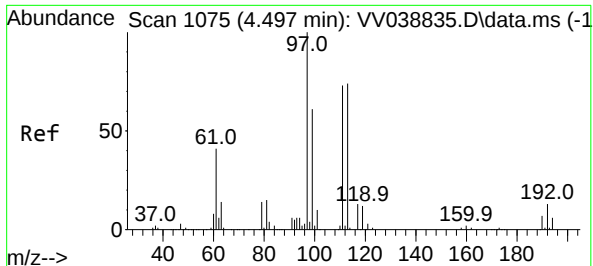
Tgt Ion: 65 Resp: 276730
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.529 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

Tgt Ion: 114 Resp: 800288
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.322 ug/l

RT: 4.497 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

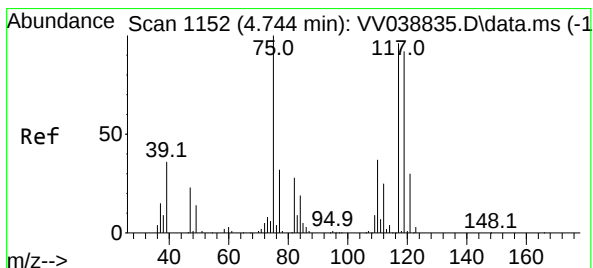
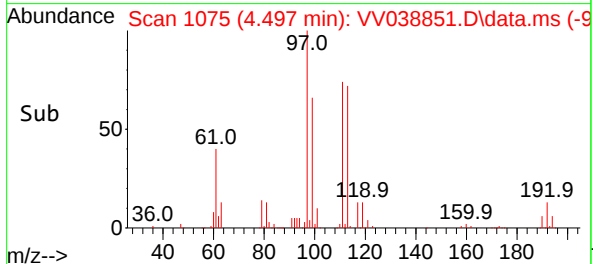
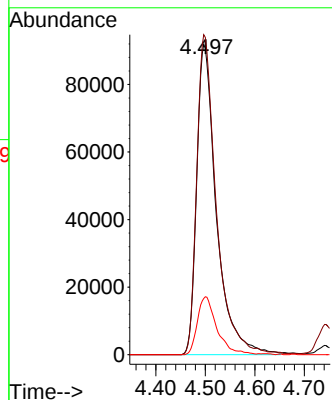
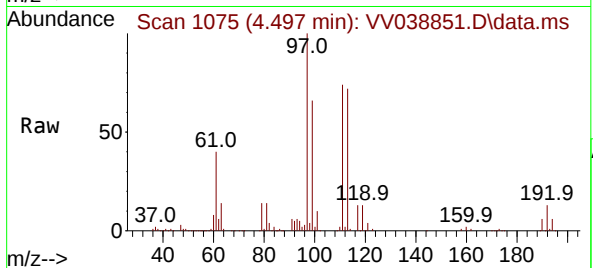
Tgt Ion:113 Resp: 255090

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

192 18.4 14.7 22.1



#36

1,1-Dichloropropene

Concen: 54.947 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

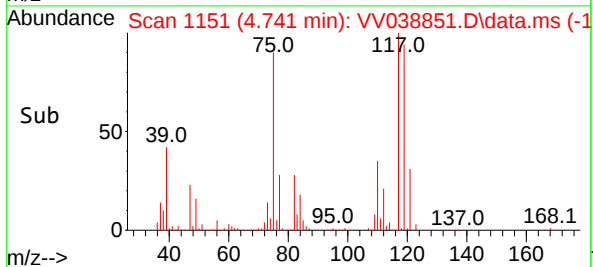
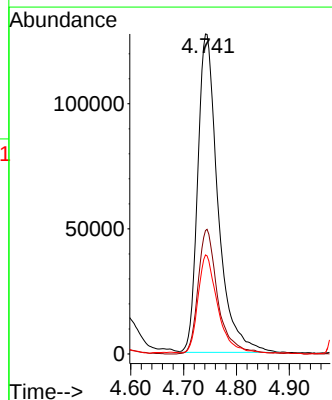
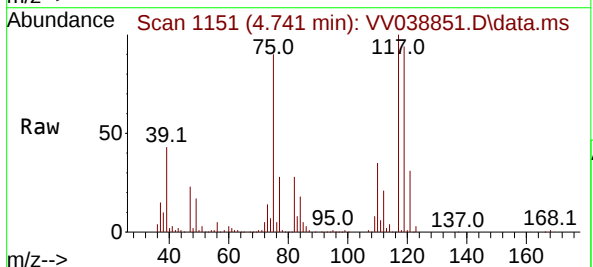
Tgt Ion: 75 Resp: 337993

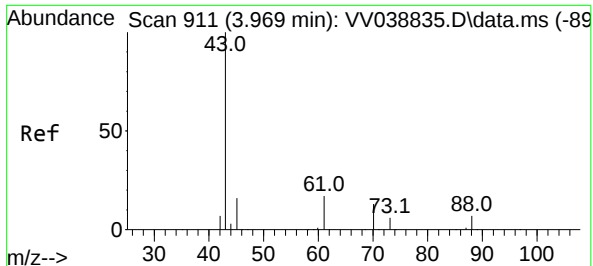
Ion Ratio Lower Upper

75 100

110 38.4 19.3 57.9

77 30.1 25.1 37.7





#37

Ethyl Acetate

Concen: 50.466 ug/l

RT: 3.966 min Scan# 911

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

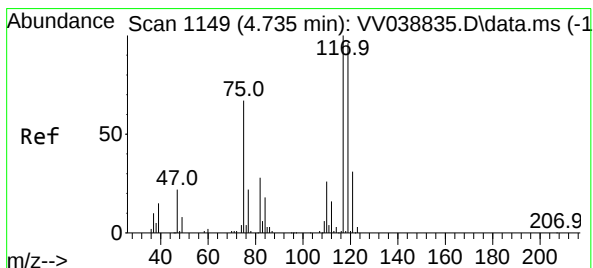
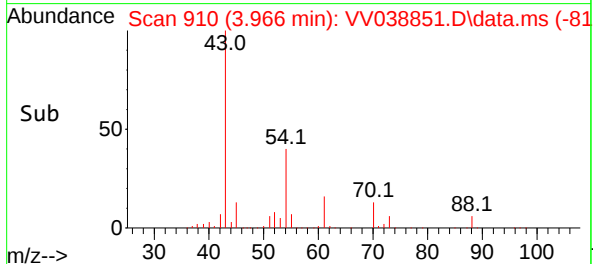
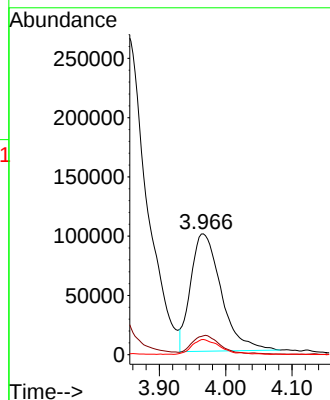
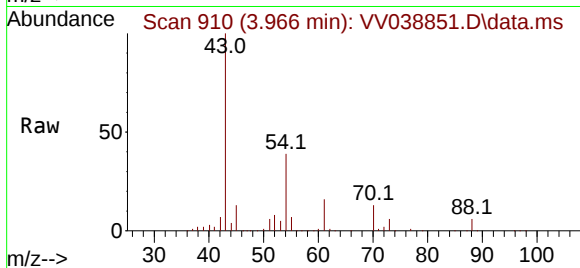
Tgt Ion: 43 Resp: 316760

Ion Ratio Lower Upper

43 100

61 13.4 13.0 19.4

70 11.0 9.6 14.4



#38

Carbon Tetrachloride

Concen: 53.208 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

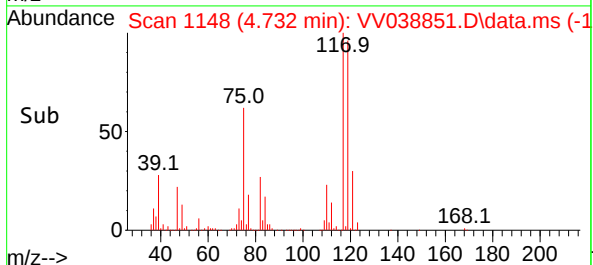
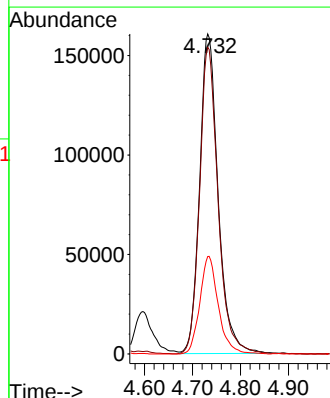
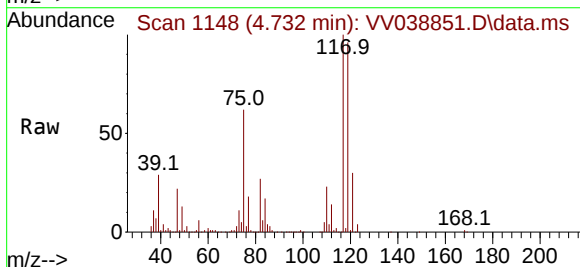
Tgt Ion: 117 Resp: 430789

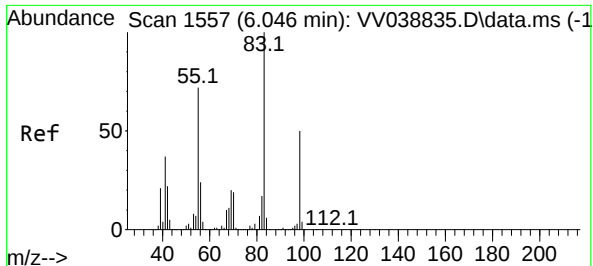
Ion Ratio Lower Upper

117 100

119 95.8 76.5 114.7

121 30.5 25.0 37.6

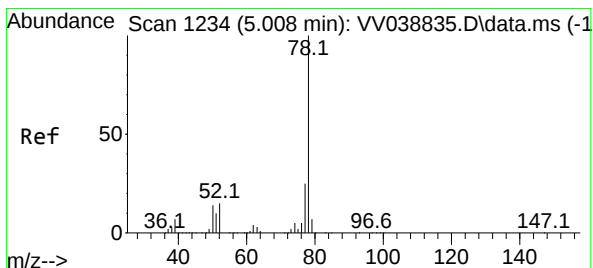
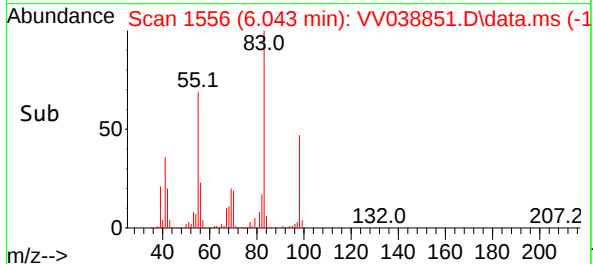
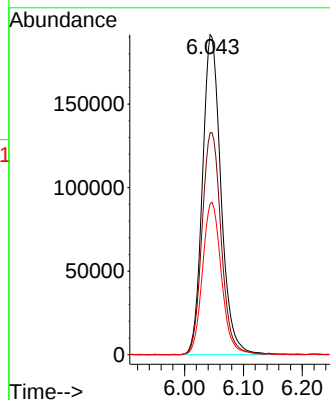
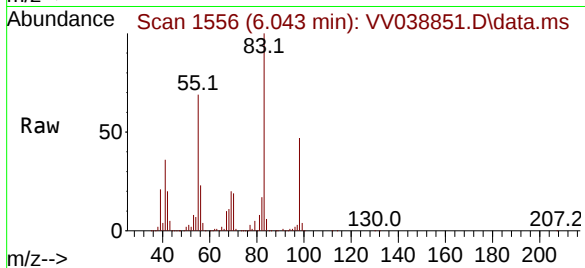




#39
Methylcyclohexane
Concen: 52.084 ug/l
RT: 6.043 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

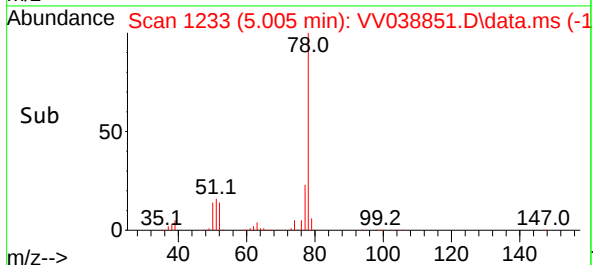
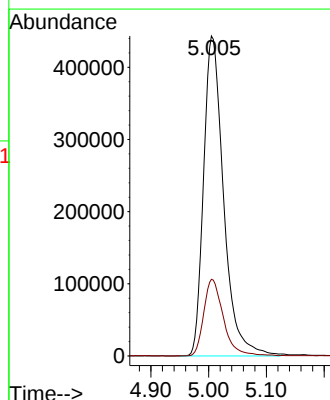
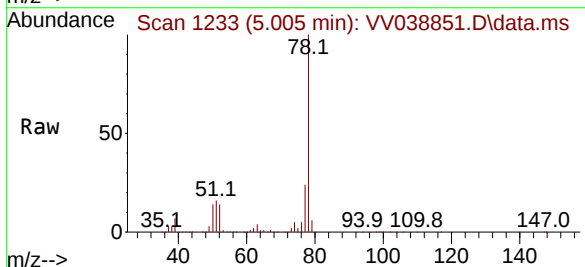
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

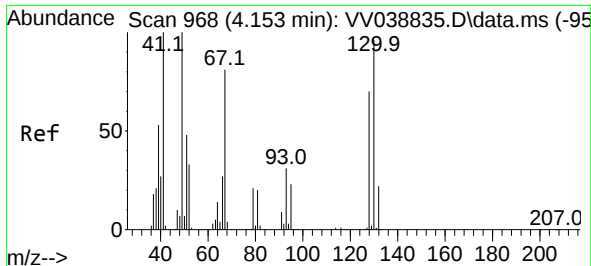
Tgt Ion: 83 Resp: 418897
Ion Ratio Lower Upper
83 100
55 69.3 57.7 86.5
98 47.1 40.2 60.2



#40
Benzene
Concen: 52.647 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 78 Resp: 1069353
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4



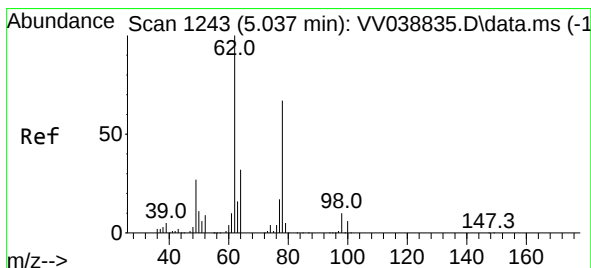
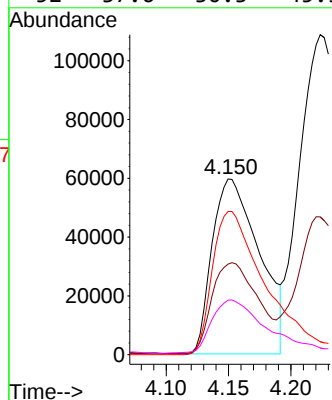
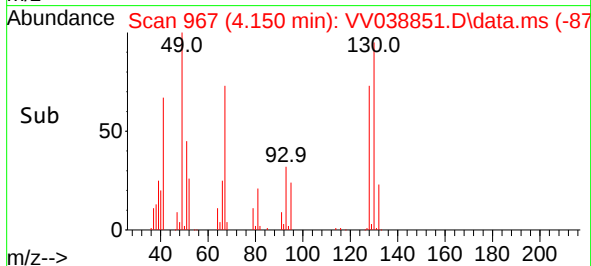
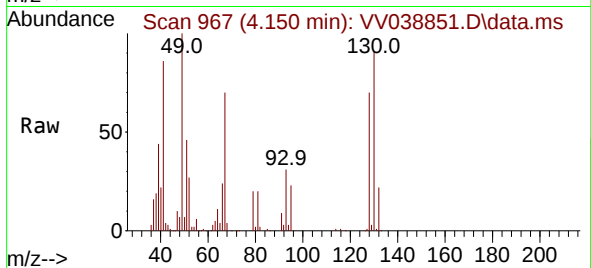


#41
Methacrylonitrile
Concen: 51.223 ug/l
RT: 4.150 min Scan# 90
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 156561

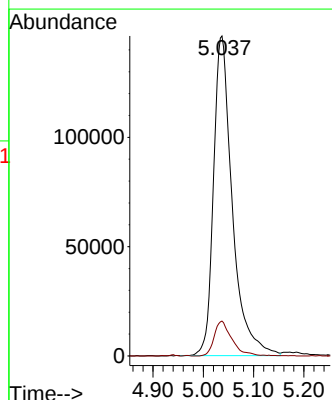
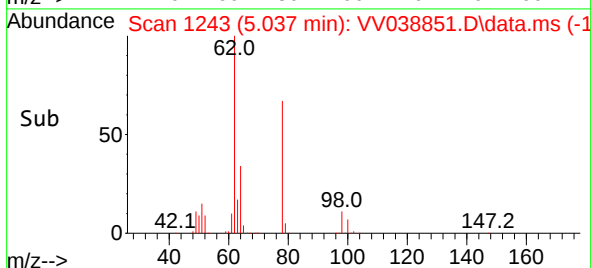
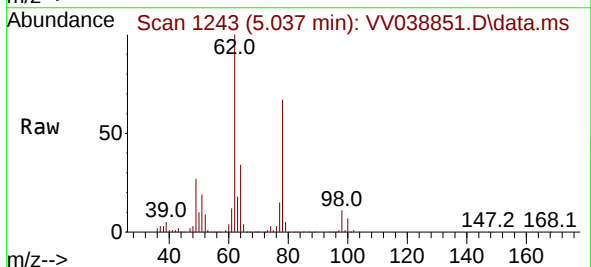
Ion	Ratio	Lower	Upper
41	100		
39	50.9	43.8	65.8
67	95.8	78.8	118.2
52	37.6	30.3	45.5

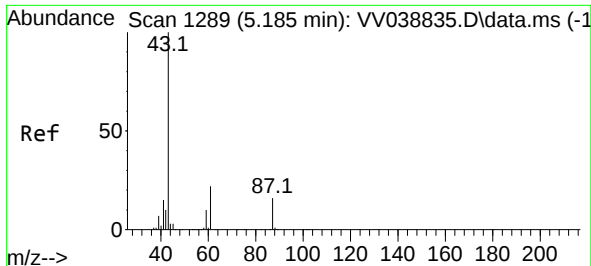


#42
1,2-Dichloroethane
Concen: 52.939 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 62 Resp: 380691

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.235 ug/l

RT: 5.185 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

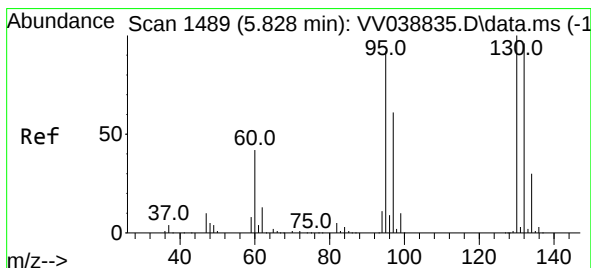
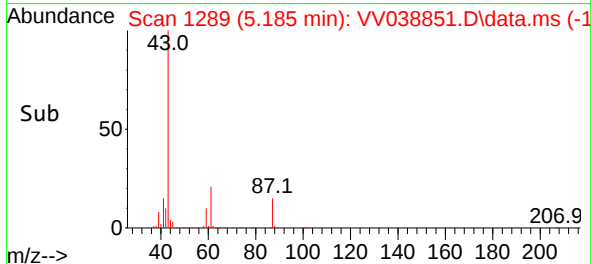
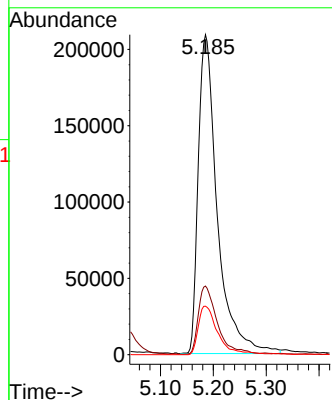
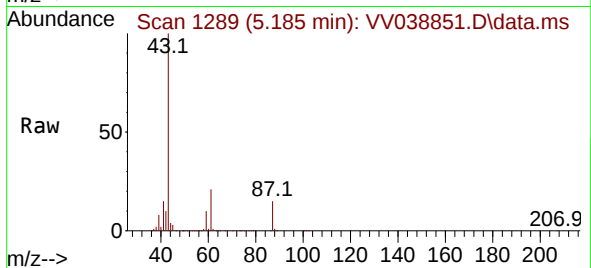
Tgt Ion: 43 Resp: 523051

Ion Ratio Lower Upper

43 100

61 21.0 17.0 25.6

87 15.7 13.0 19.6



#44

Trichloroethene

Concen: 51.895 ug/l

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV038851.D

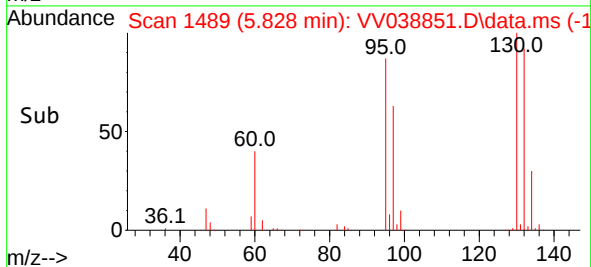
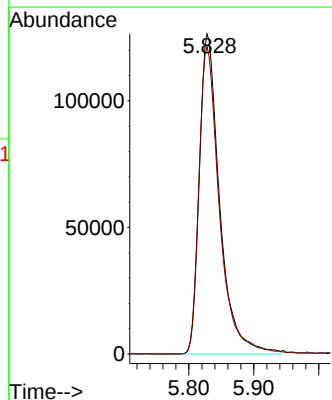
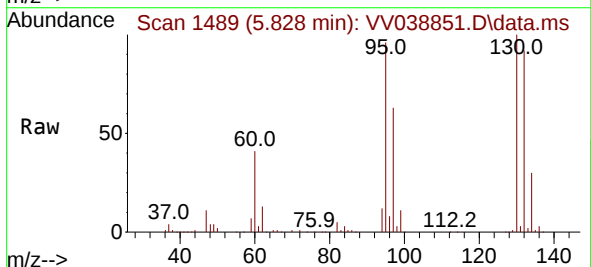
Acq: 03 Jul 2025 09:09

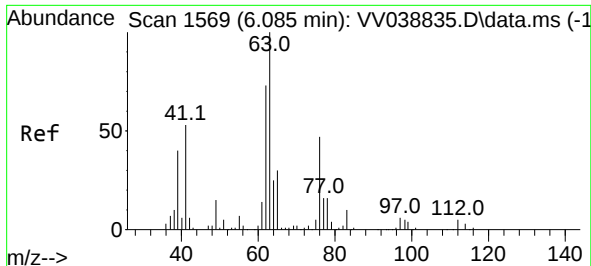
Tgt Ion:130 Resp: 275083

Ion Ratio Lower Upper

130 100

95 96.0 0.0 184.4





#45

1,2-Dichloropropane

Concen: 51.657 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

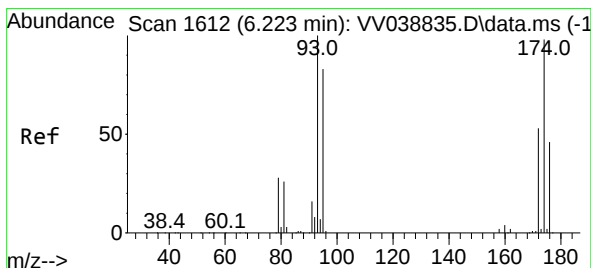
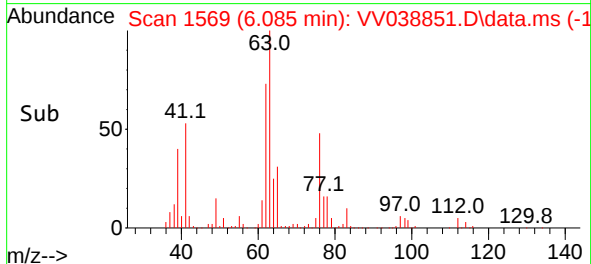
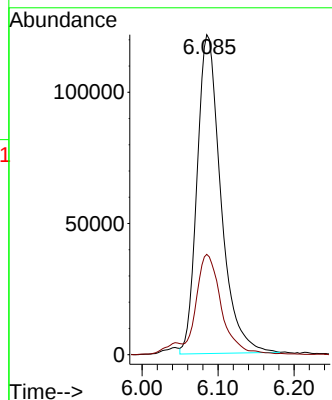
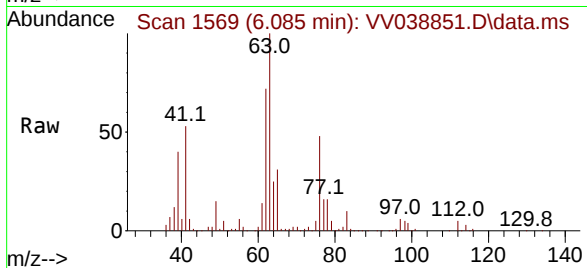
VSTDCCC050

Tgt Ion: 63 Resp: 263511

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 52.463 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

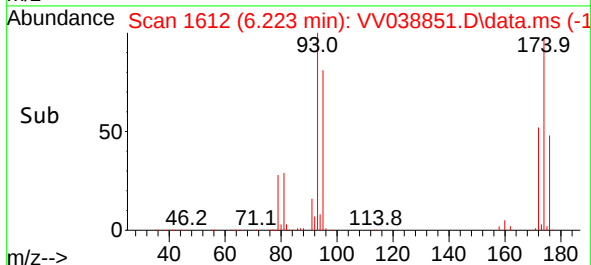
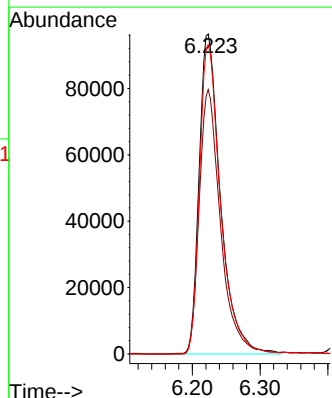
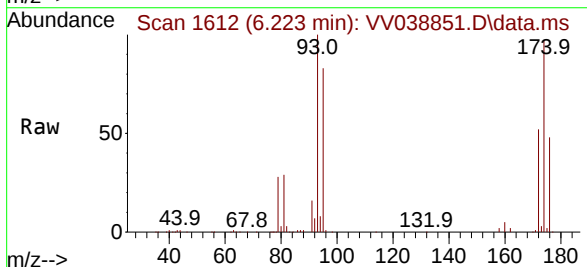
Tgt Ion: 93 Resp: 211053

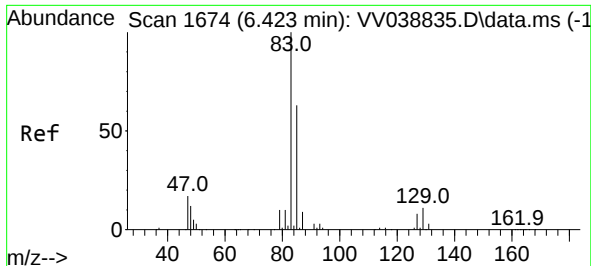
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 95.6 78.7 118.1

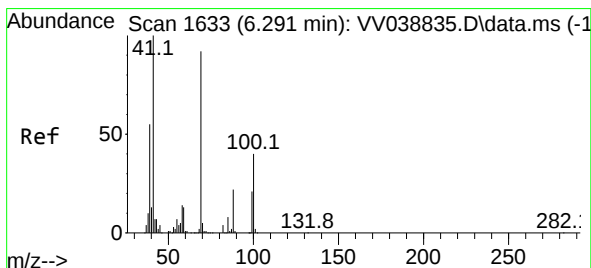
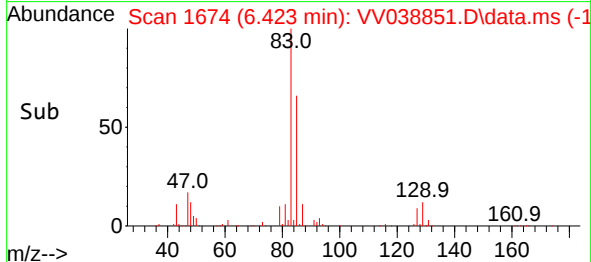
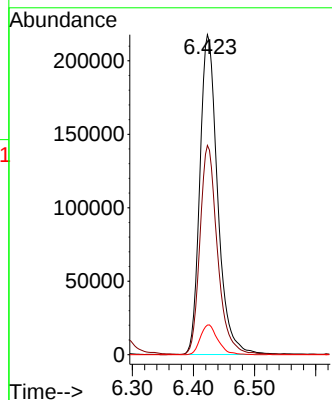
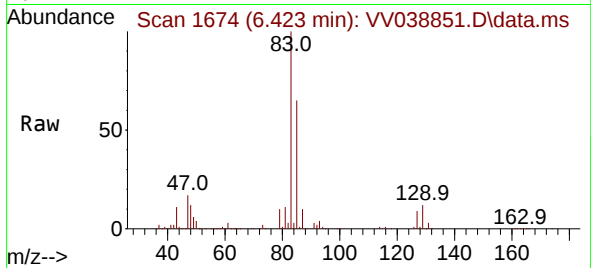




#47
Bromodichloromethane
Concen: 51.580 ug/l
RT: 6.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

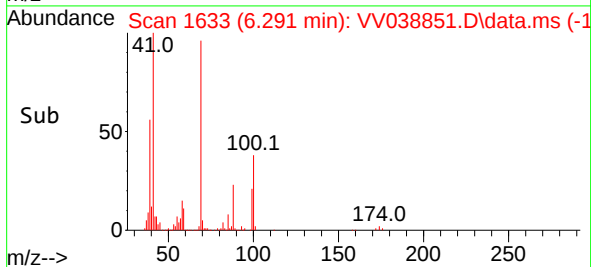
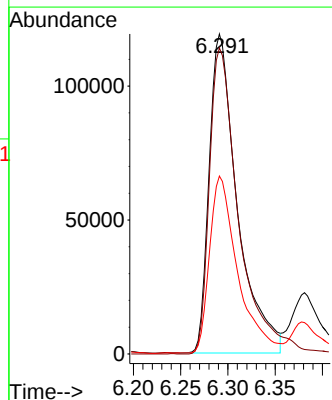
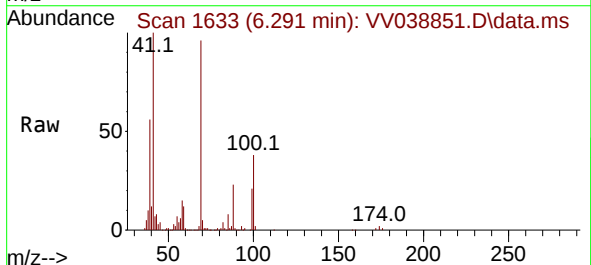
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

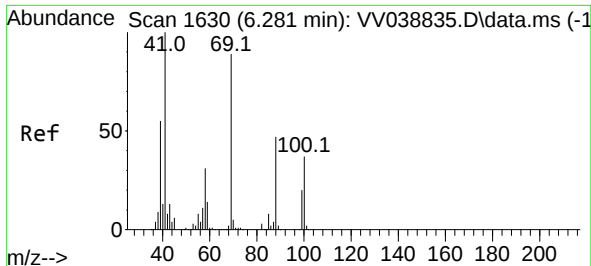
Tgt Ion: 83 Resp: 439368
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 51.943 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 41 Resp: 247323
Ion Ratio Lower Upper
41 100
69 100.1 77.4 116.2
39 55.3 44.2 66.4





#49

1,4-Dioxane

Concen: 1103.360 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

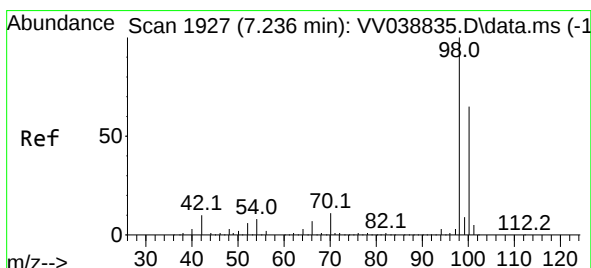
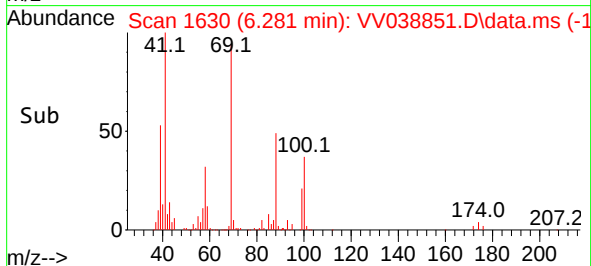
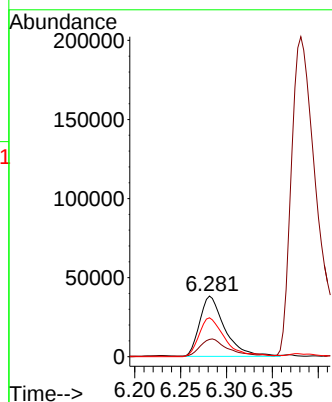
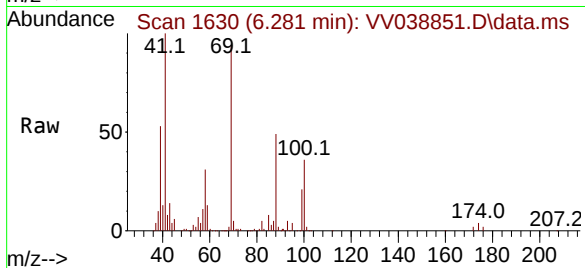
Tgt Ion: 88 Resp: 72819

Ion Ratio Lower Upper

88 100

43 30.1 25.2 37.8

58 66.1 52.1 78.1



#50

Toluene-d8

Concen: 49.883 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038851.D

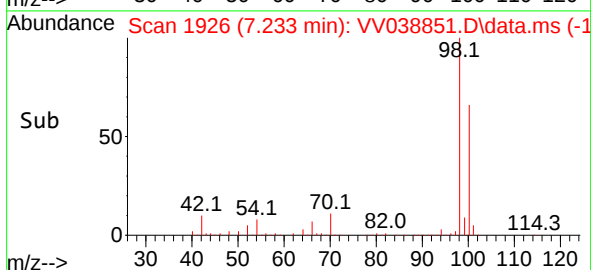
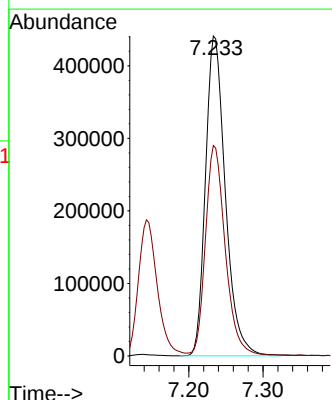
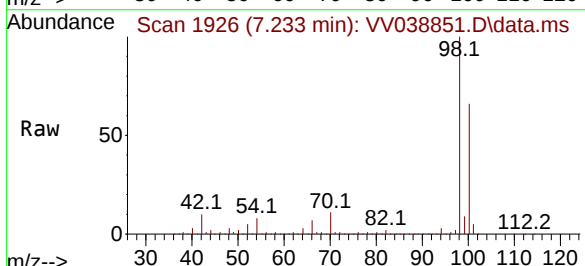
Acq: 03 Jul 2025 09:09

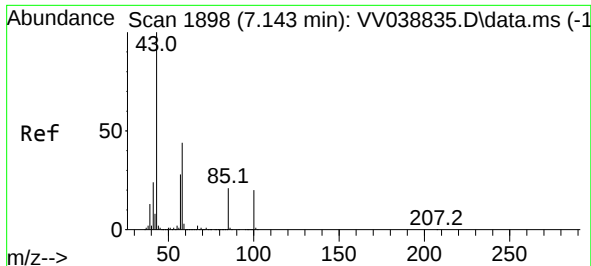
Tgt Ion: 98 Resp: 818122

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4

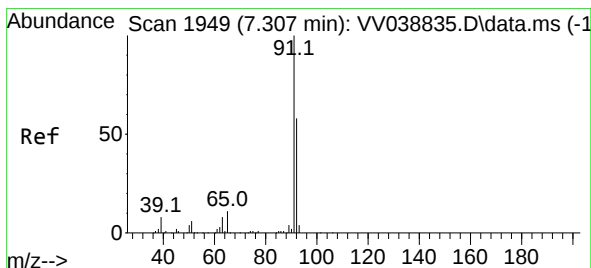
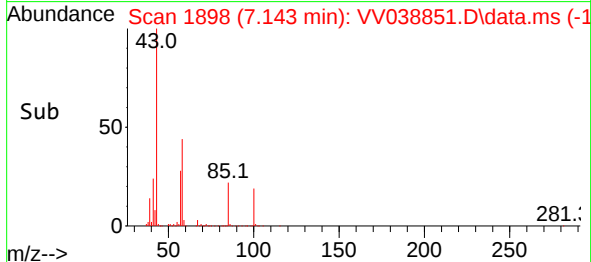
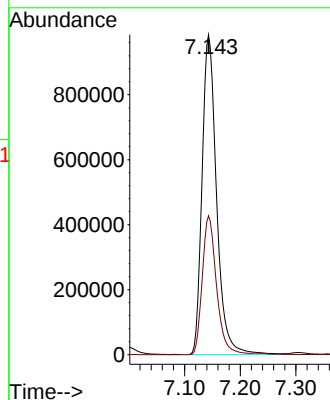
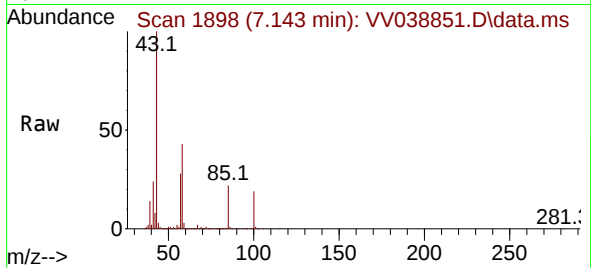




#51
4-Methyl-2-Pentanone
Concen: 281.841 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

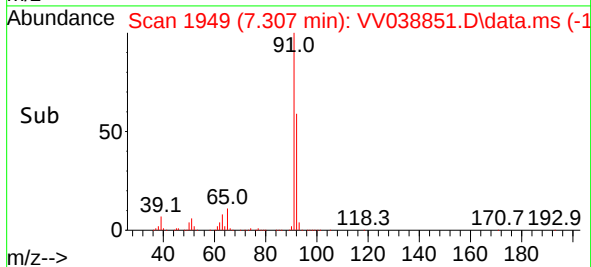
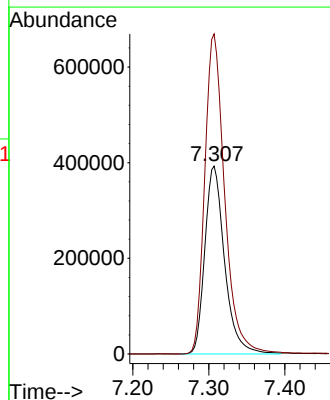
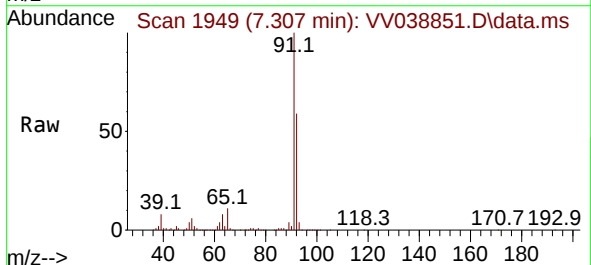
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

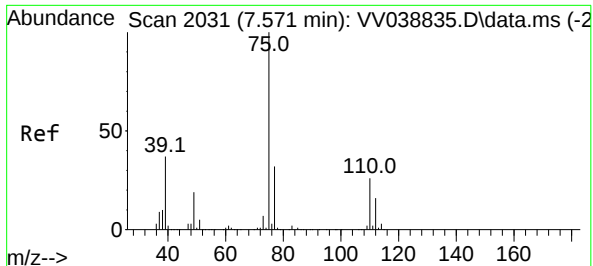
Tgt Ion: 43 Resp: 1780916
Ion Ratio Lower Upper
43 100
58 42.6 34.4 51.6



#52
Toluene
Concen: 55.948 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 92 Resp: 710009
Ion Ratio Lower Upper
92 100
91 171.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.603 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

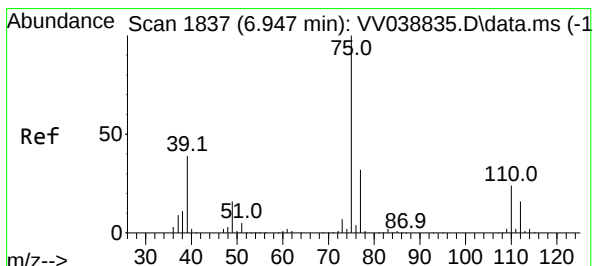
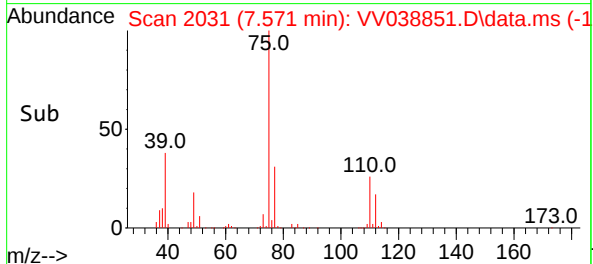
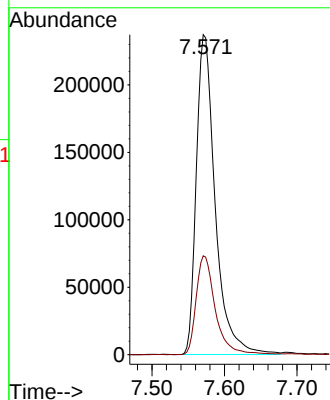
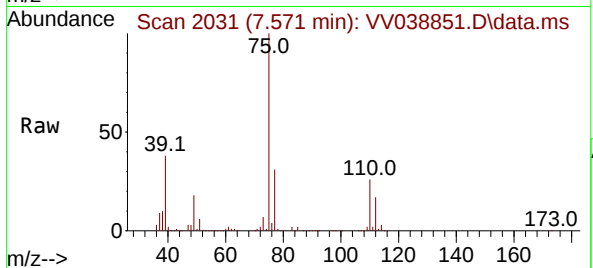
VSTDCCC050

Tgt Ion: 75 Resp: 428969

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.476 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

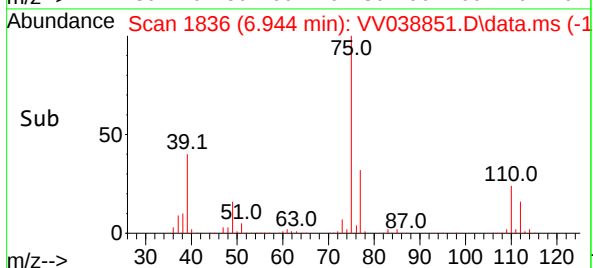
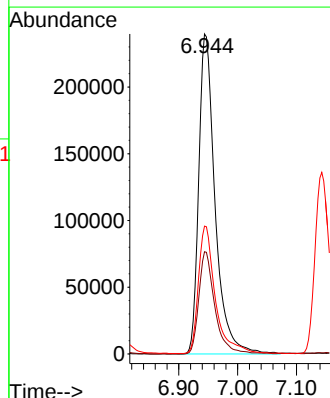
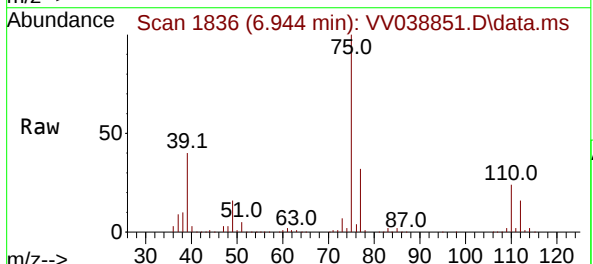
Tgt Ion: 75 Resp: 462567

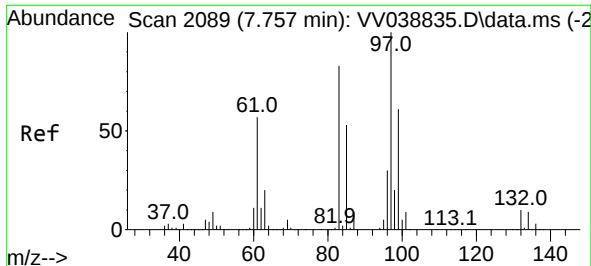
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 39.8 31.3 46.9

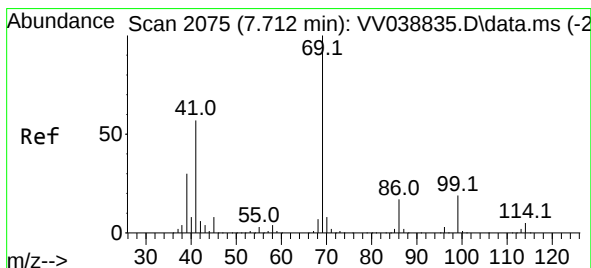
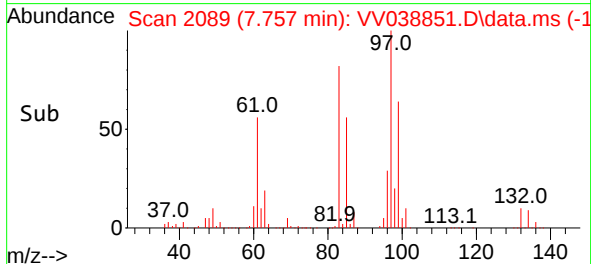
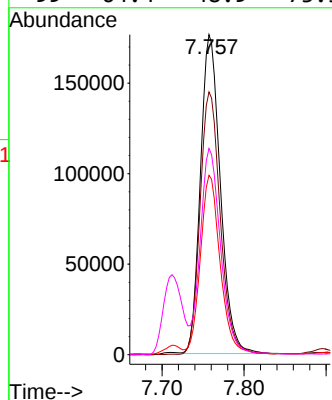
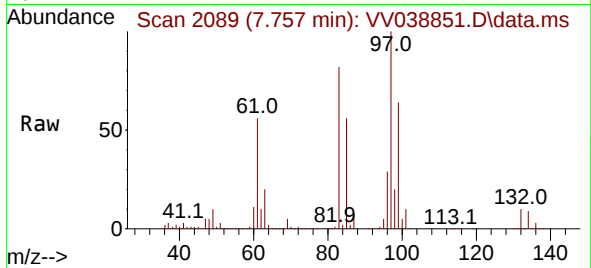




#55
 1,1,2-Trichloroethane
 Concen: 53.530 ug/l
 RT: 7.757 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

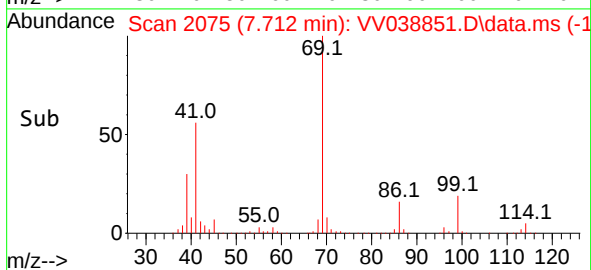
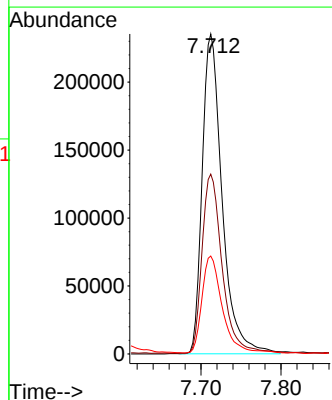
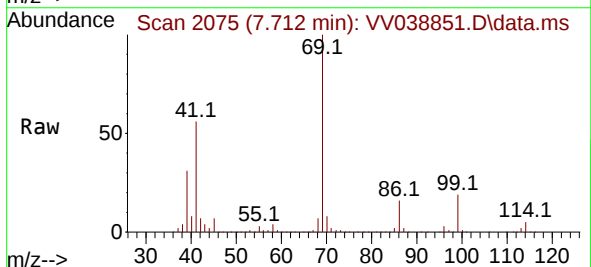
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

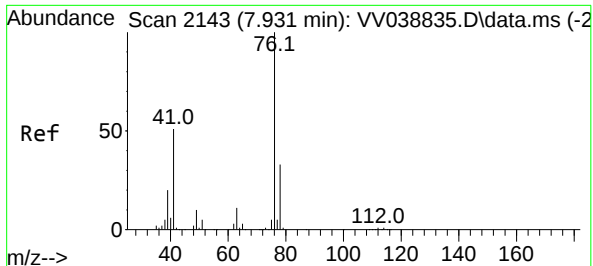
Tgt Ion:	97	Resp:	297056
Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.2	99.4
85	55.9	42.2	63.4
99	64.4	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 55.989 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: VV038851.D
 Acq: 03 Jul 2025 09:09

Tgt Ion:	69	Resp:	408752
Ion	Ratio	Lower	Upper
69	100		
41	56.8	46.1	69.1
39	30.8	24.1	36.1





#57

1,3-Dichloropropane

Concen: 55.111 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

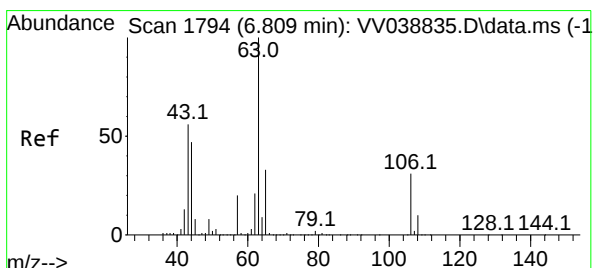
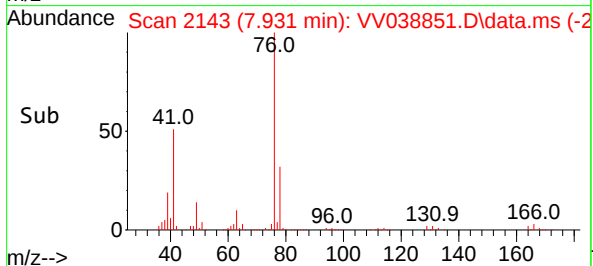
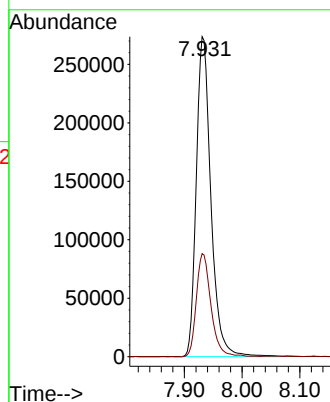
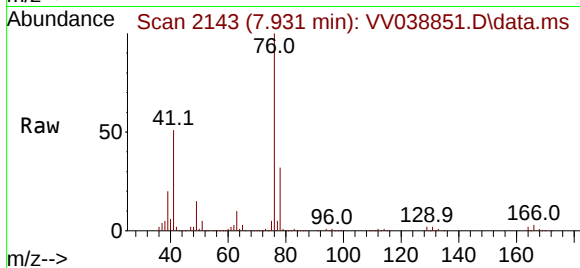
VSTDCCC050

Tgt Ion: 76 Resp: 481782

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 272.250 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038851.D

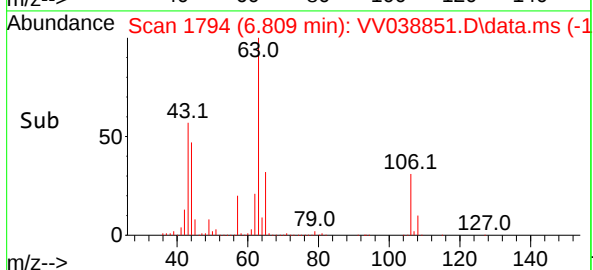
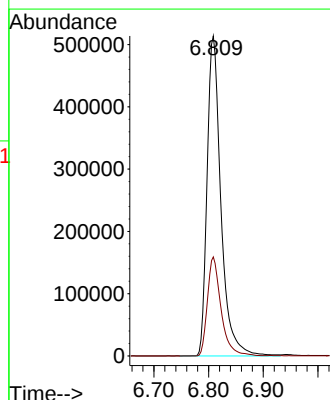
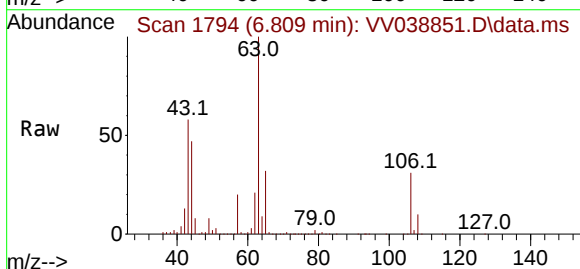
Acq: 03 Jul 2025 09:09

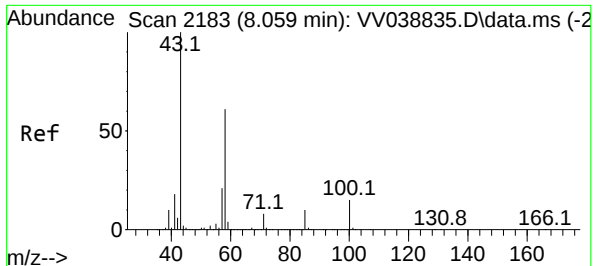
Tgt Ion: 63 Resp: 902507

Ion Ratio Lower Upper

63 100

106 30.6 24.6 37.0





#59

2-Hexanone

Concen: 278.272 ug/l

RT: 8.059 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

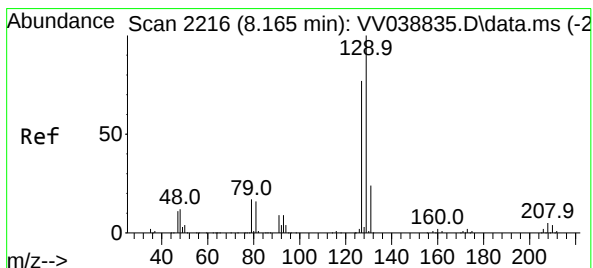
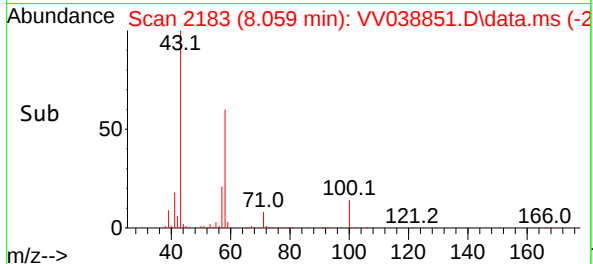
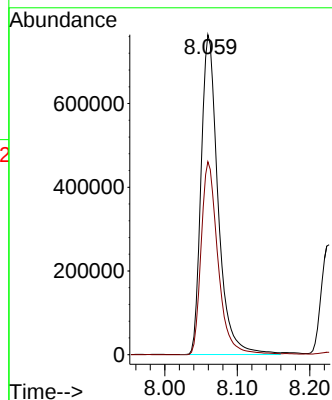
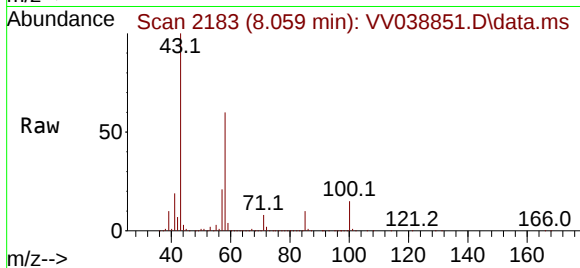
VSTDCCC050

Tgt Ion: 43 Resp: 1240217

Ion Ratio Lower Upper

43 100

58 60.2 30.3 91.0



#60

Dibromochloromethane

Concen: 52.196 ug/l

RT: 8.165 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VV038851.D

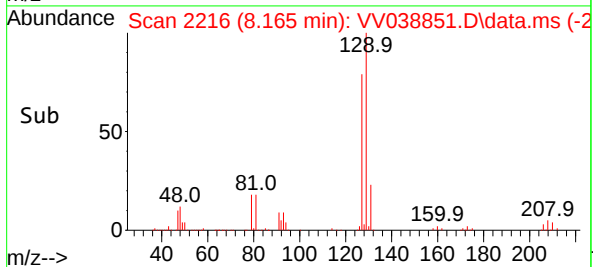
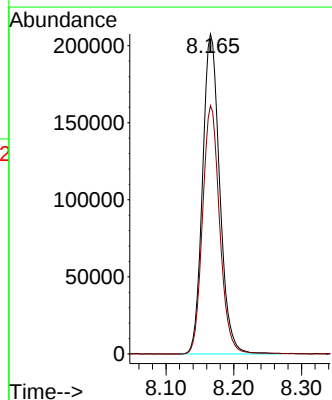
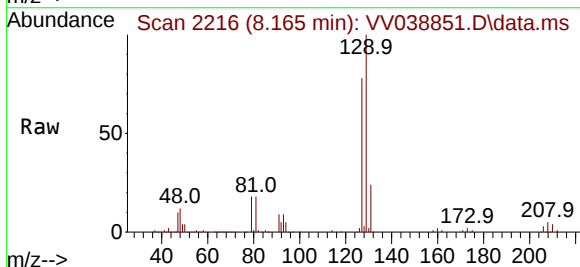
Acq: 03 Jul 2025 09:09

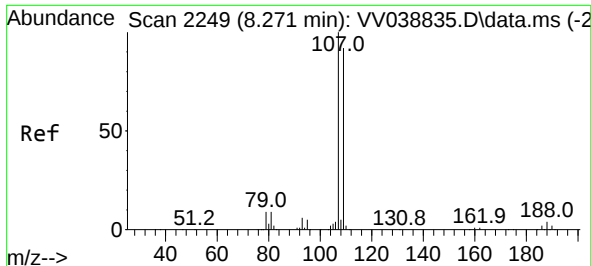
Tgt Ion: 129 Resp: 364702

Ion Ratio Lower Upper

129 100

127 77.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 55.423 ug/l

RT: 8.272 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

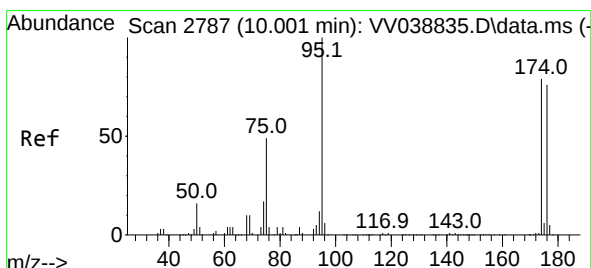
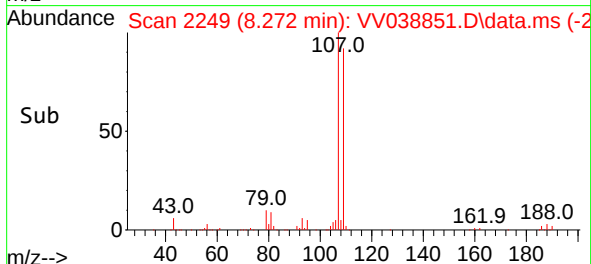
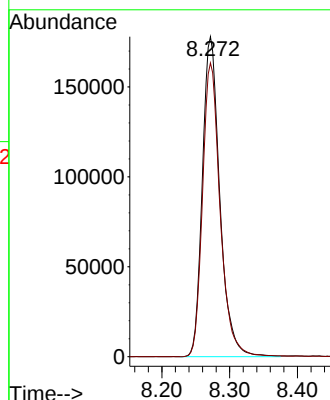
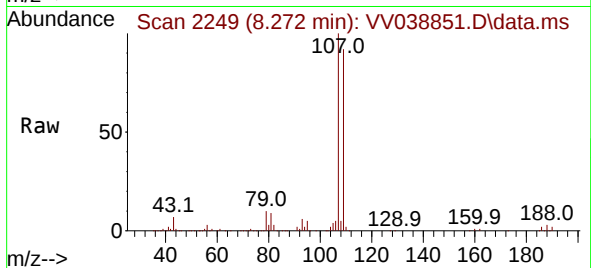
VSTDCCC050

Tgt Ion:107 Resp: 318202

Ion Ratio Lower Upper

107 100

109 93.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 51.509 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

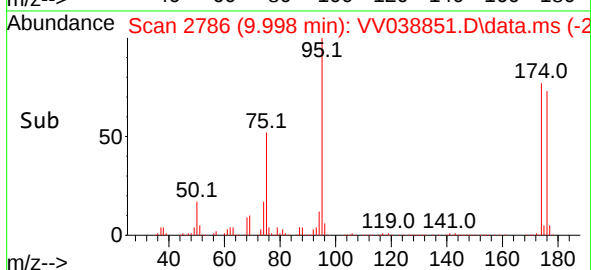
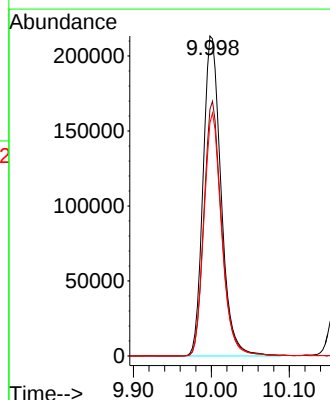
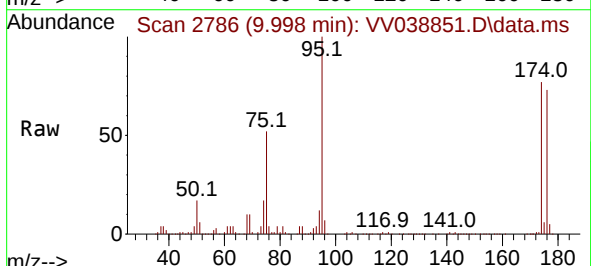
Tgt Ion: 95 Resp: 341311

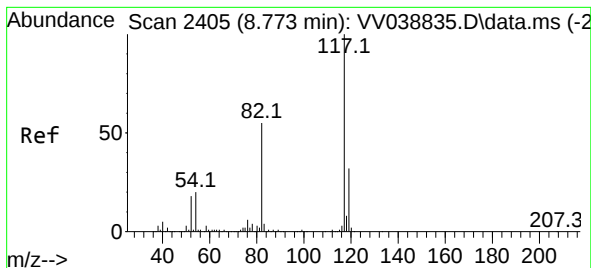
Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

176 75.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

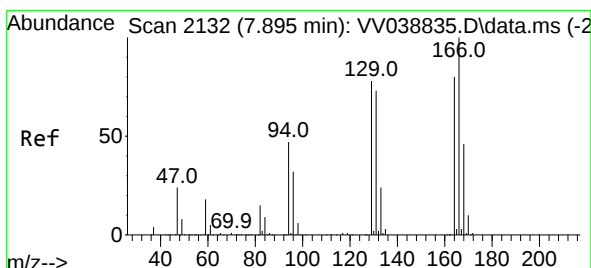
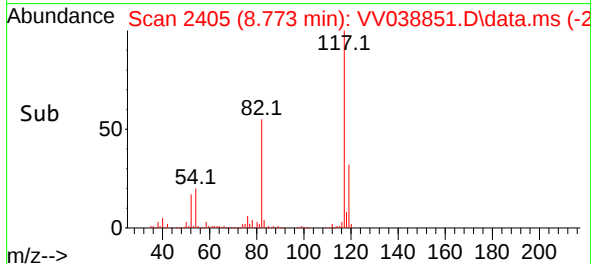
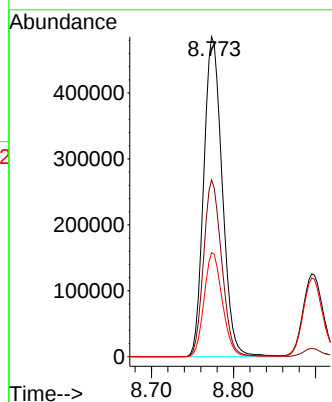
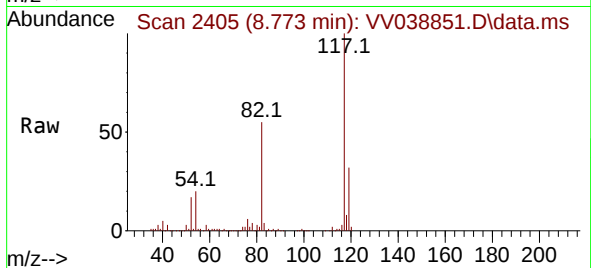
Tgt Ion:117 Resp: 759894

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.4

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 49.821 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Tgt Ion:164 Resp: 243453

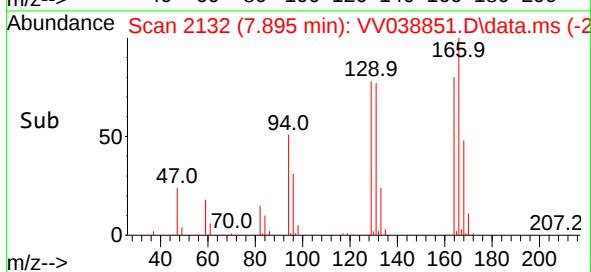
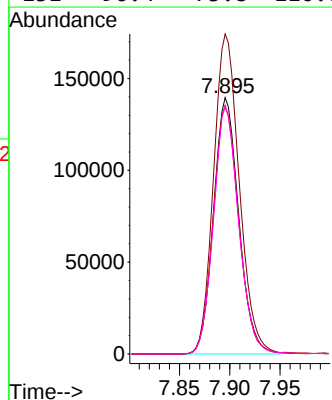
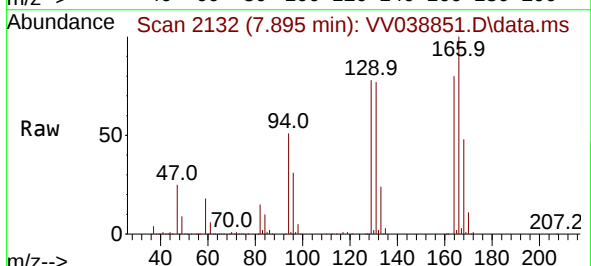
Ion Ratio Lower Upper

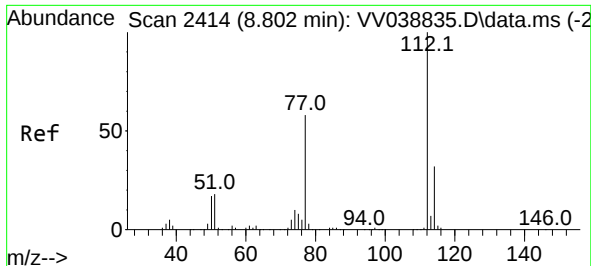
164 100

166 124.9 100.6 151.0

129 97.0 78.4 117.6

131 96.4 73.8 110.6

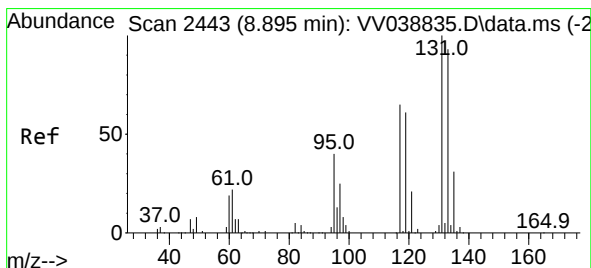
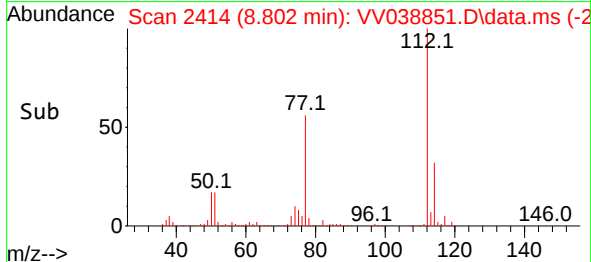
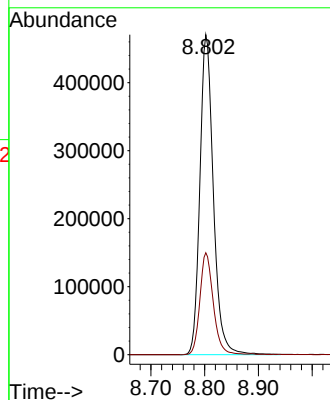
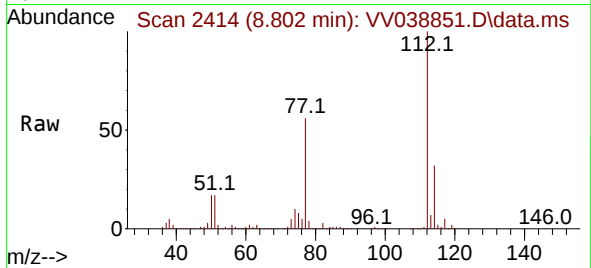




#65
Chlorobenzene
Concen: 51.133 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

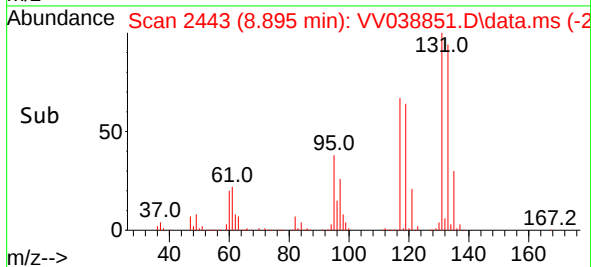
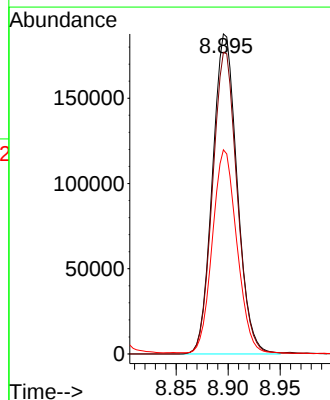
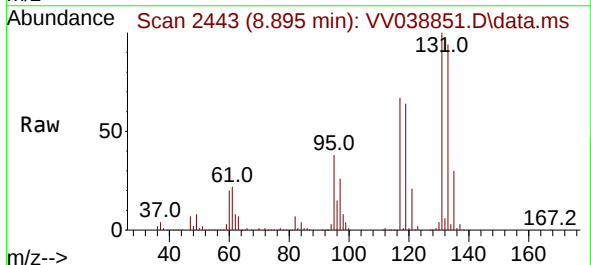
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

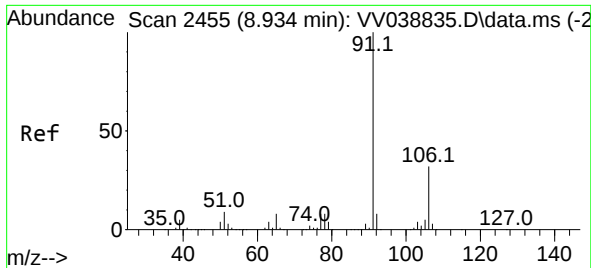
Tgt Ion:112 Resp: 818851
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.847 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion:131 Resp: 310050
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 63.4 31.0 93.0

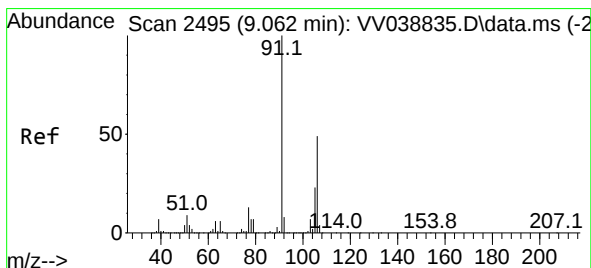
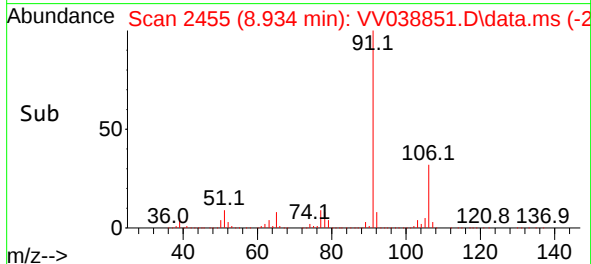
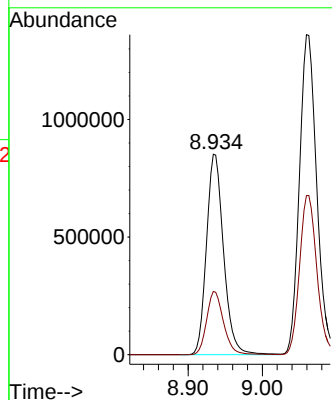
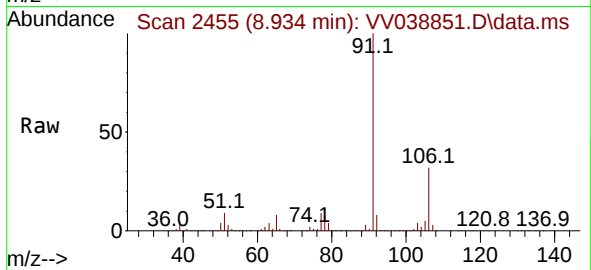




#67
Ethyl Benzene
Concen: 54.255 ug/l
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

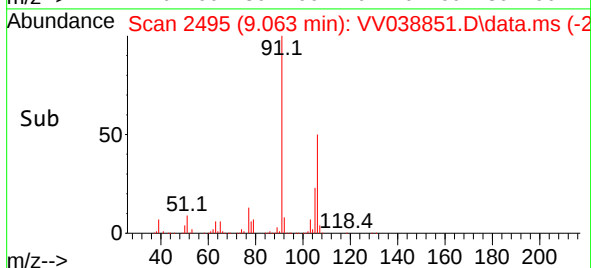
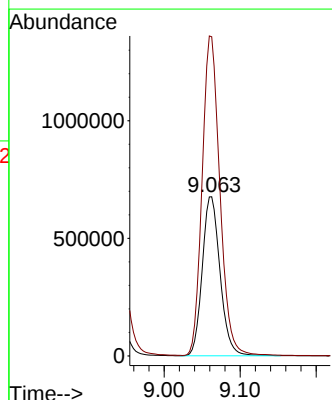
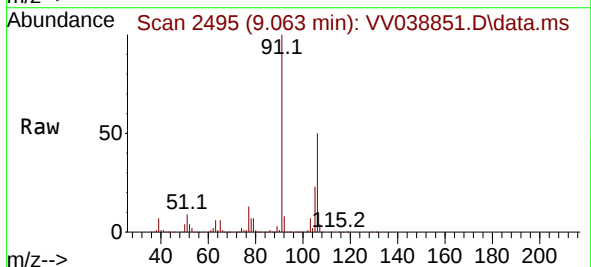
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

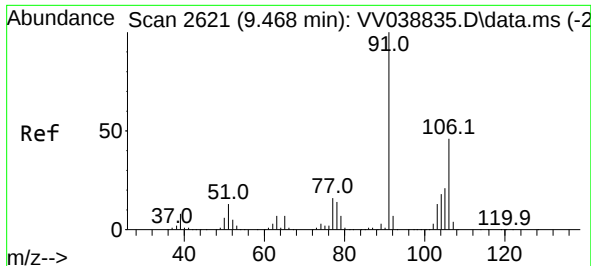
Tgt Ion: 91 Resp: 1361264
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 114.639 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion:106 Resp: 1101705
Ion Ratio Lower Upper
106 100
91 200.5 162.9 244.3

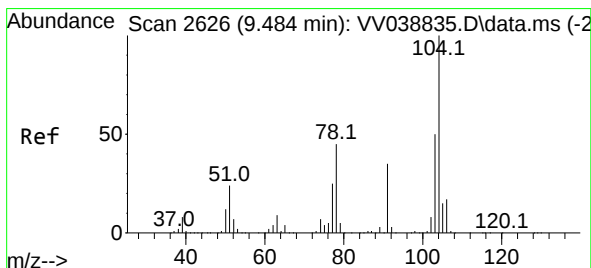
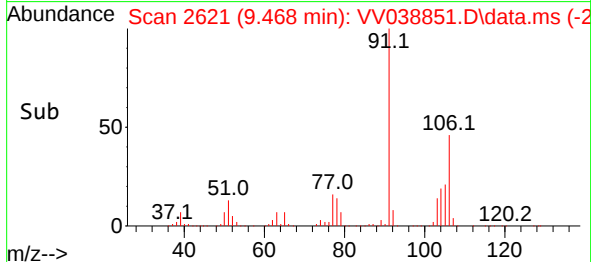
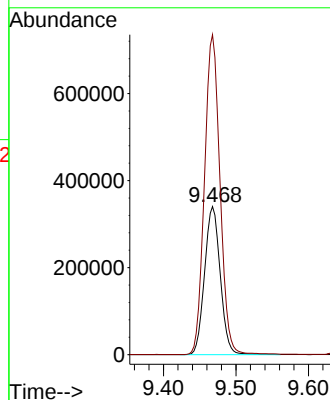
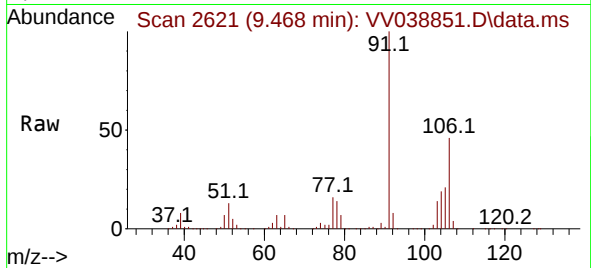




#69
o-Xylene
Concen: 55.647 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

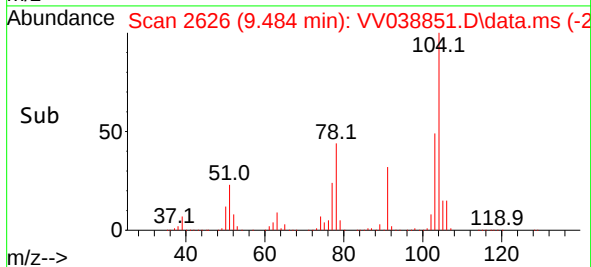
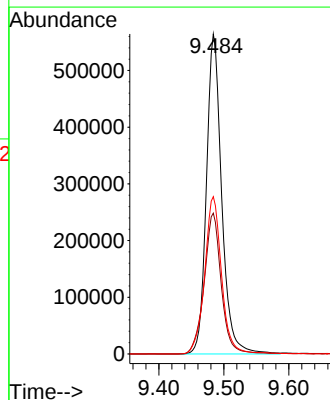
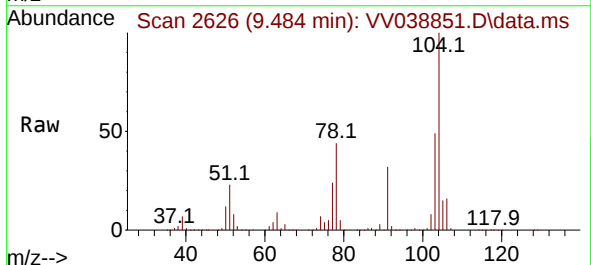
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

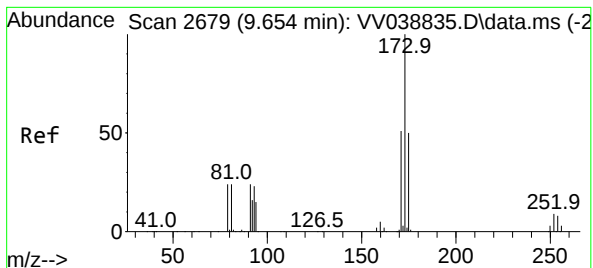
Tgt Ion:106 Resp: 510932
Ion Ratio Lower Upper
106 100
91 214.3 107.6 322.8



#70
Styrene
Concen: 57.723 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion:104 Resp: 925338
Ion Ratio Lower Upper
104 100
78 49.2 39.9 59.9
103 54.5 43.4 65.0





#71

Bromoform

Concen: 53.296 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

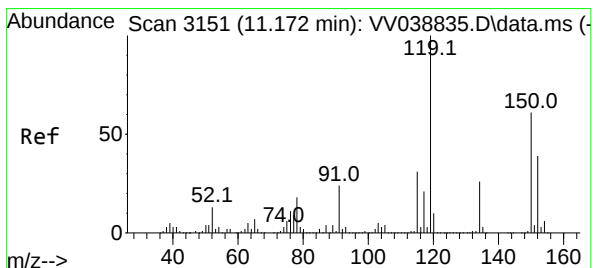
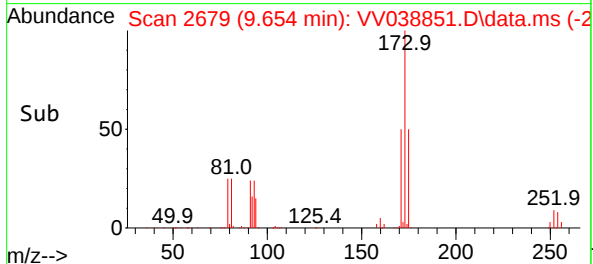
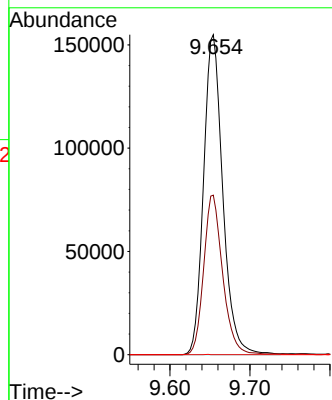
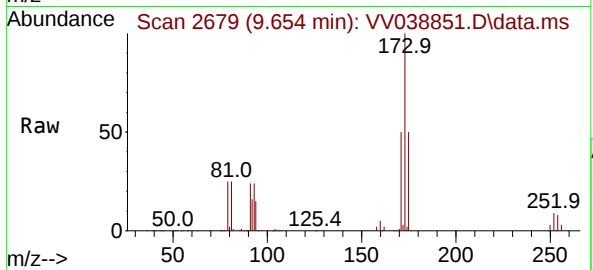
Tgt Ion:173 Resp: 258985

Ion Ratio Lower Upper

173 100

175 49.2 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: VV038851.D

Acq: 03 Jul 2025 09:09

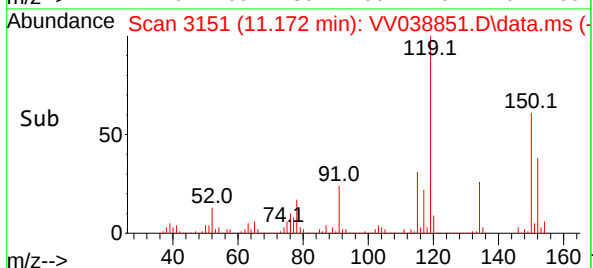
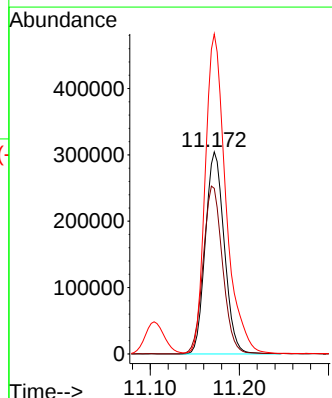
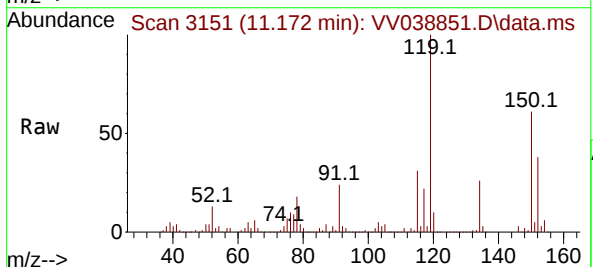
Tgt Ion:152 Resp: 448570

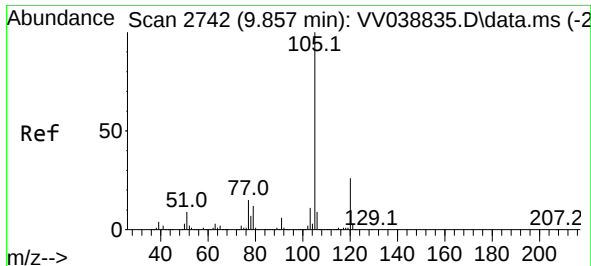
Ion Ratio Lower Upper

152 100

115 85.0 42.0 126.0

150 171.6 0.0 343.6

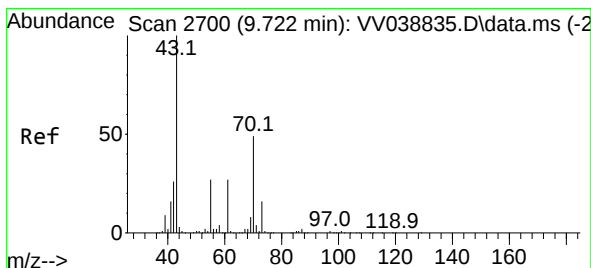
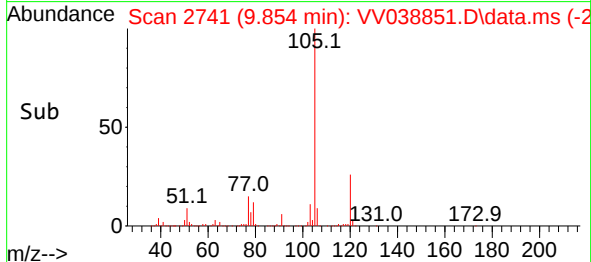
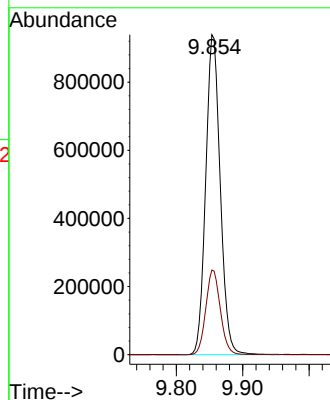
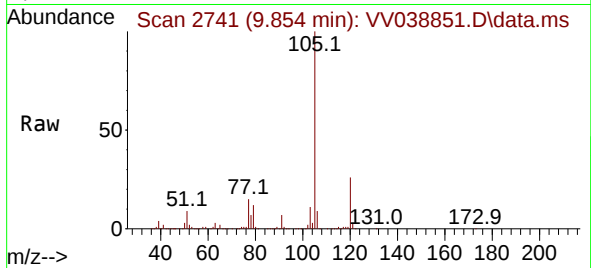




#73
Isopropylbenzene
Concen: 54.222 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

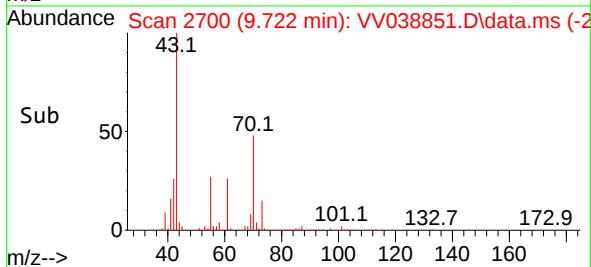
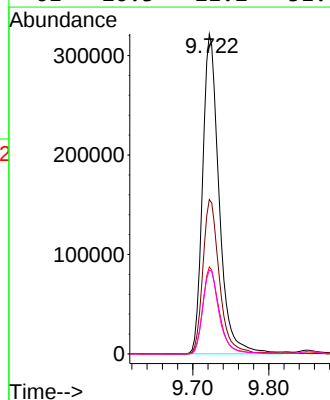
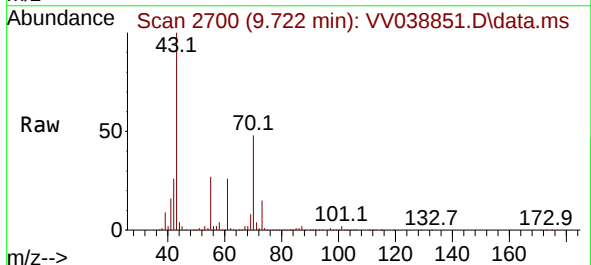
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

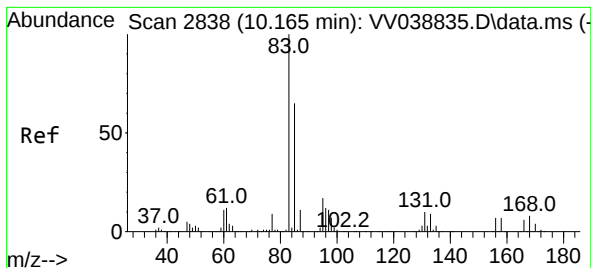
Tgt Ion:105 Resp: 1427421
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 52.572 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 43 Resp: 484431
Ion Ratio Lower Upper
43 100
70 48.3 39.7 59.5
55 27.3 22.1 33.1
61 26.3 21.2 31.8

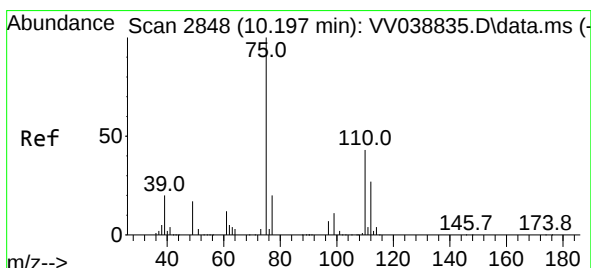
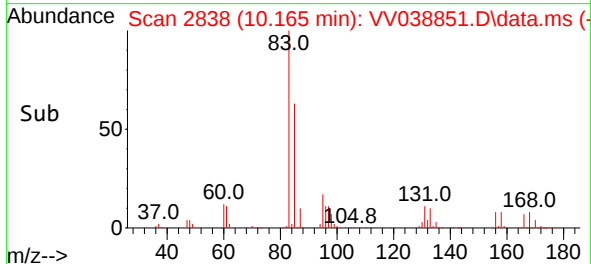
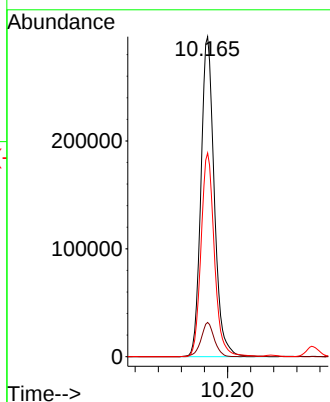
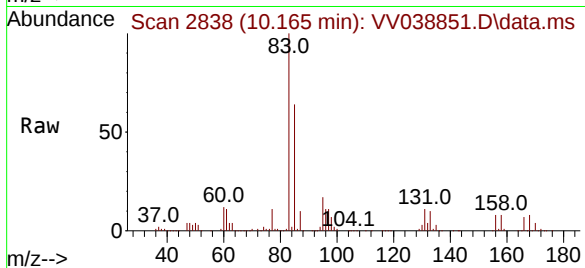




#75
1,1,2,2-Tetrachloroethane
Concen: 49.713 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

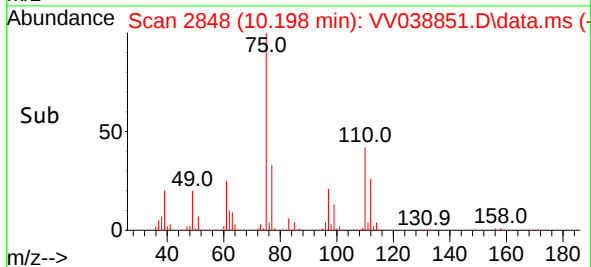
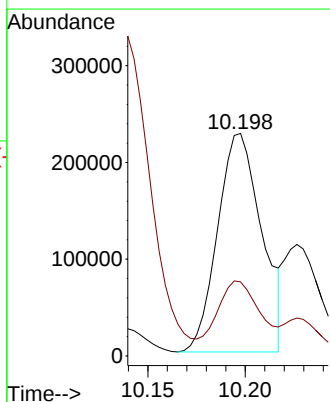
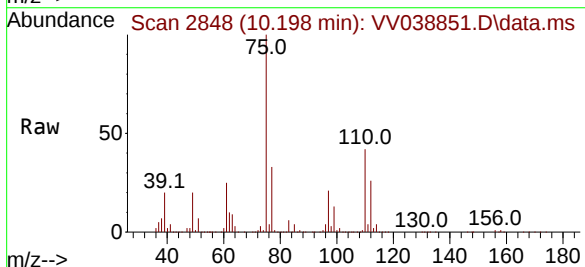
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

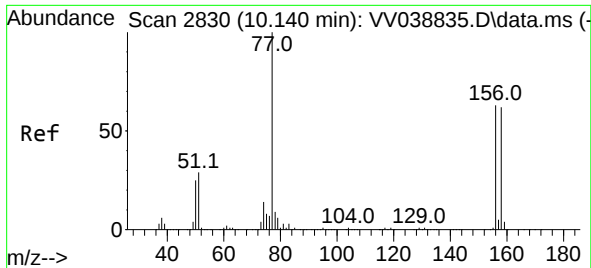
Tgt Ion: 83 Resp: 474445
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.0 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 51.326 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 75 Resp: 356225
Ion Ratio Lower Upper
75 100
77 22.5 11.7 35.1

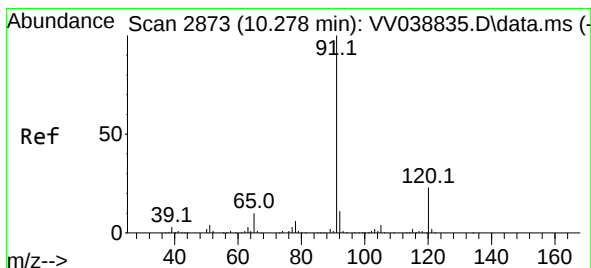
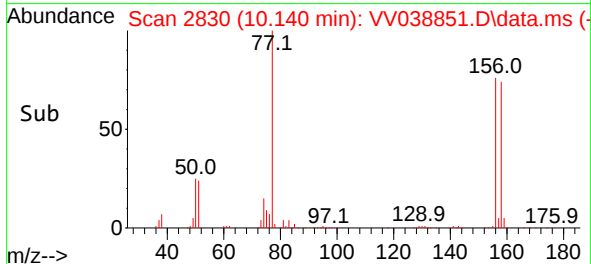
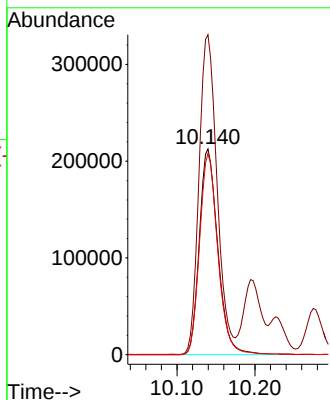
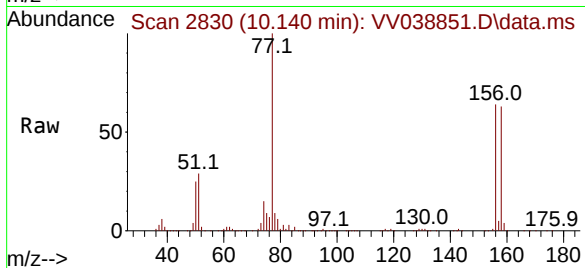




#77
Bromobenzene
Concen: 51.670 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

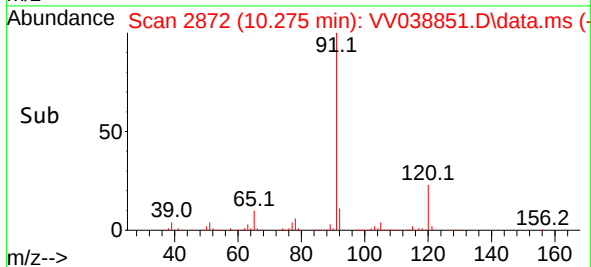
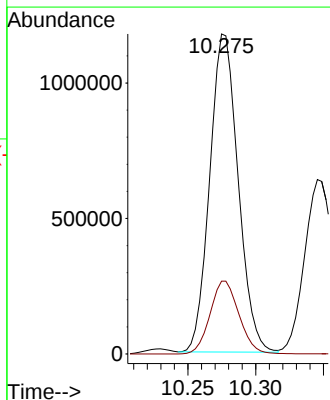
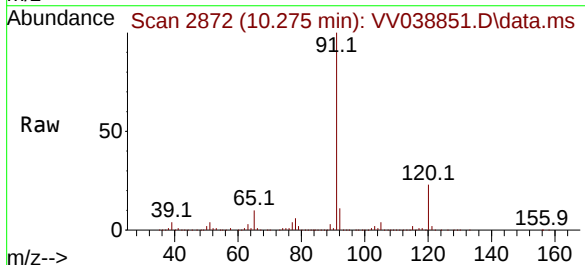
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

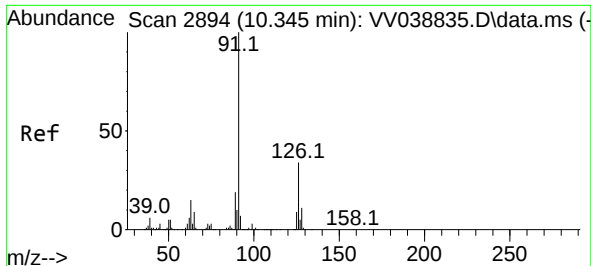
Tgt Ion:156 Resp: 350905
Ion Ratio Lower Upper
156 100
77 151.9 77.0 230.8
158 96.3 48.8 146.3



#78
n-propylbenzene
Concen: 54.599 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 91 Resp: 1710528
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 52.899 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

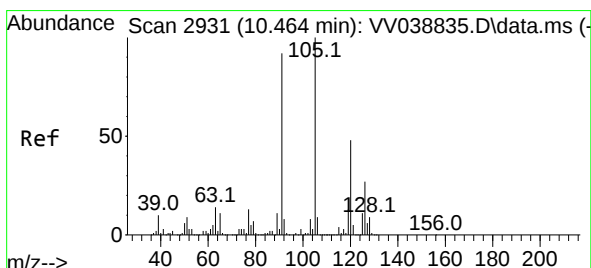
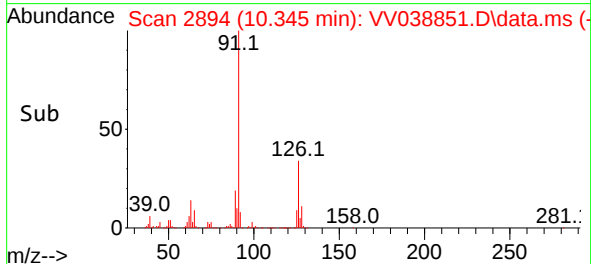
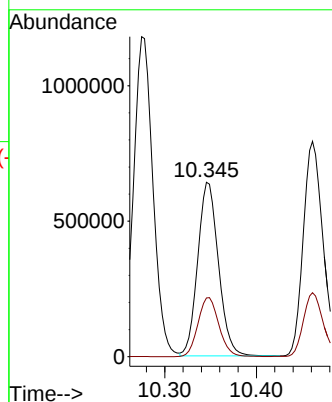
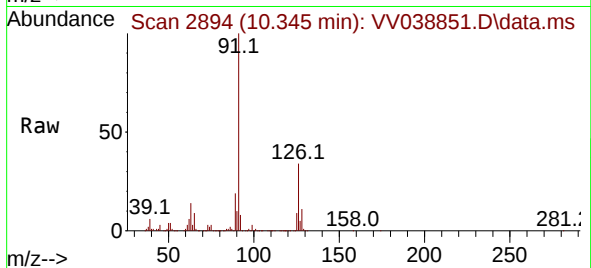
VSTDCCC050

Tgt Ion: 91 Resp: 1006476

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 54.850 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038851.D

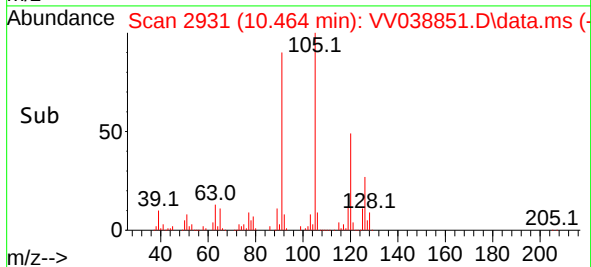
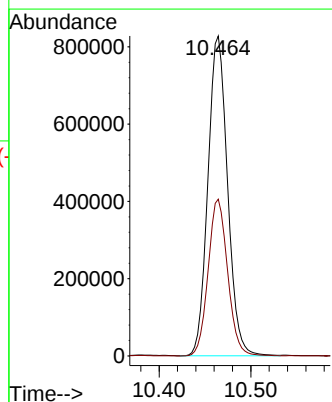
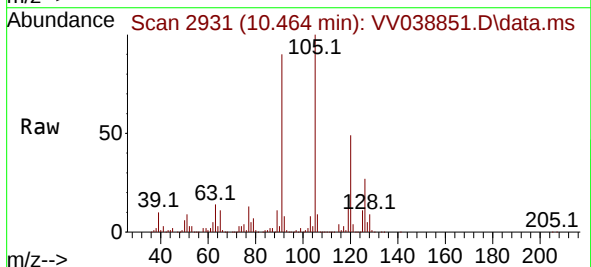
Acq: 03 Jul 2025 09:09

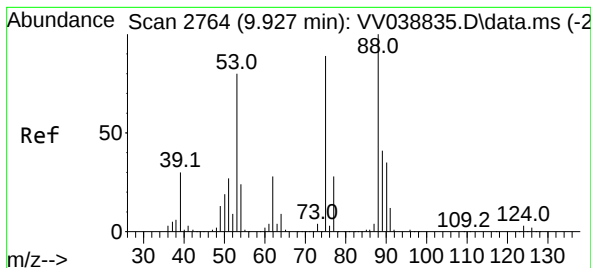
Tgt Ion:105 Resp: 1234619

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.719 ug/l

RT: 9.927 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

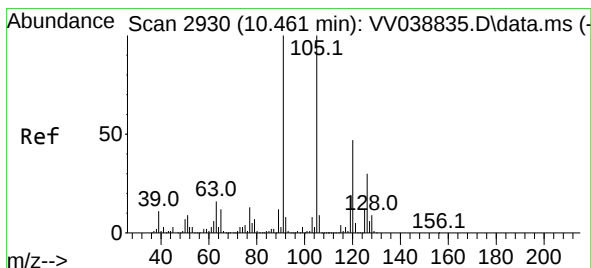
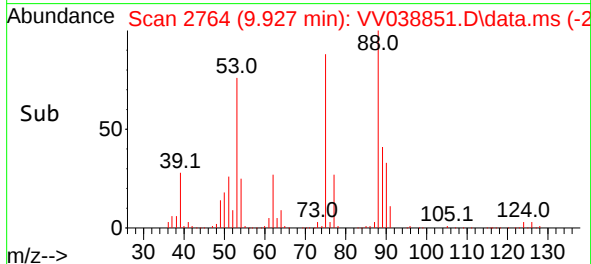
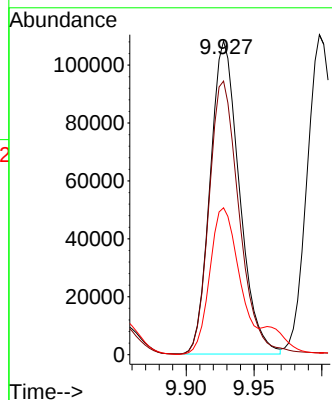
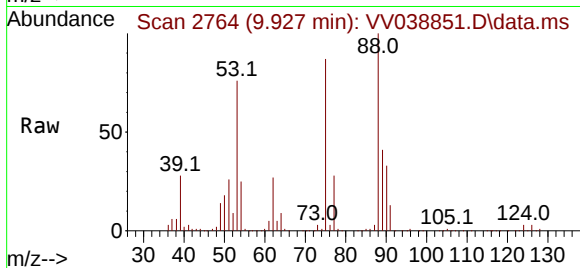
Tgt Ion: 75 Resp: 162108

Ion Ratio Lower Upper

75 100

53 90.0 71.2 106.8

89 47.8 44.6 66.8



#82

4-Chlorotoluene

Concen: 54.807 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. 0.000 min

Lab File: VV038851.D

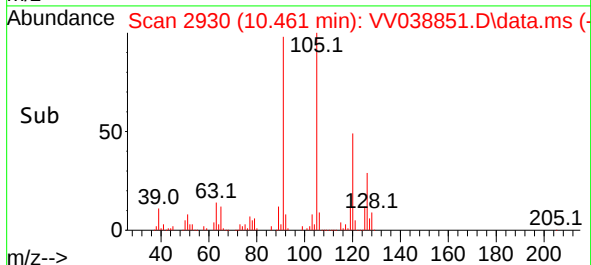
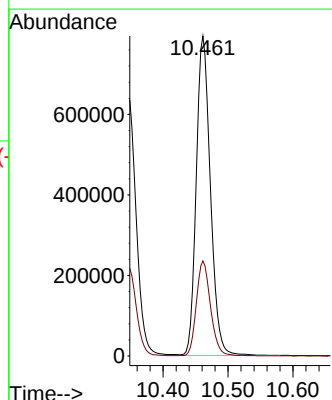
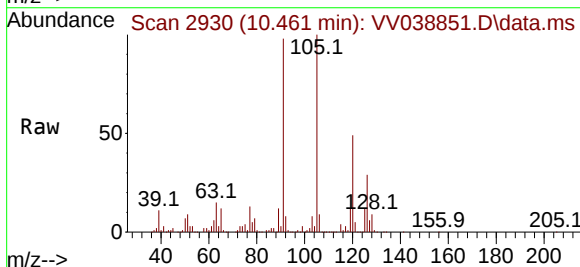
Acq: 03 Jul 2025 09:09

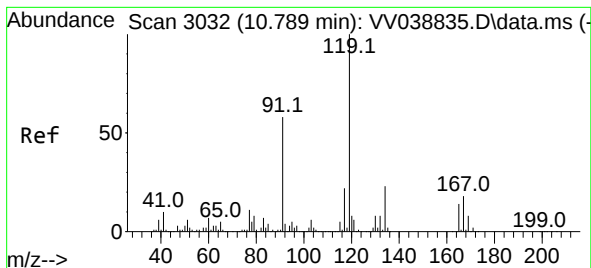
Tgt Ion: 91 Resp: 1202146

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 52.978 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

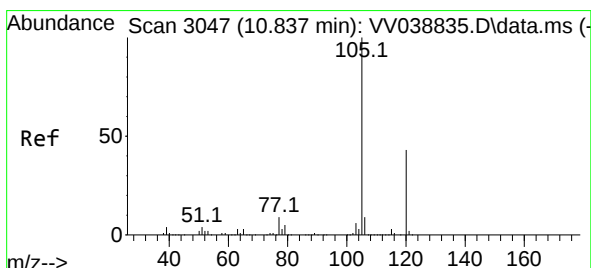
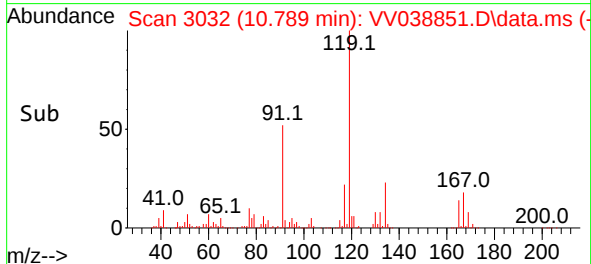
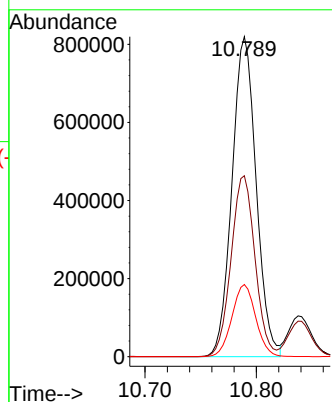
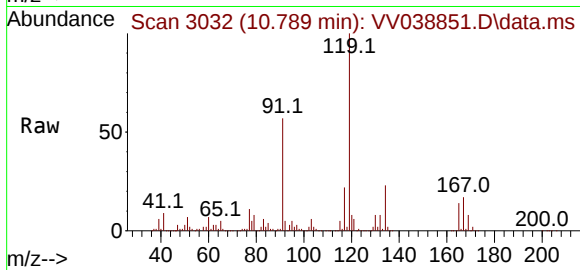
Tgt Ion:119 Resp: 1236817

Ion Ratio Lower Upper

119 100

91 55.9 28.5 85.5

134 22.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.627 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038851.D

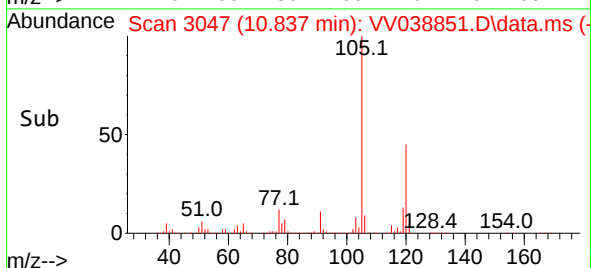
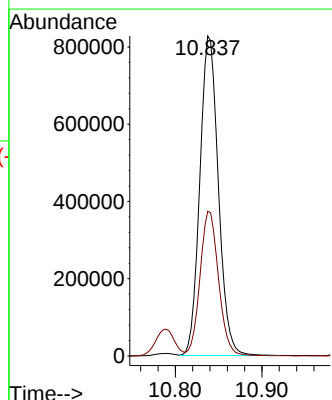
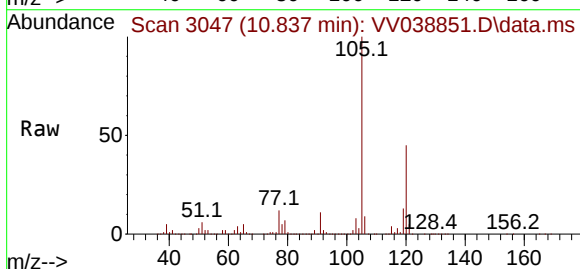
Acq: 03 Jul 2025 09:09

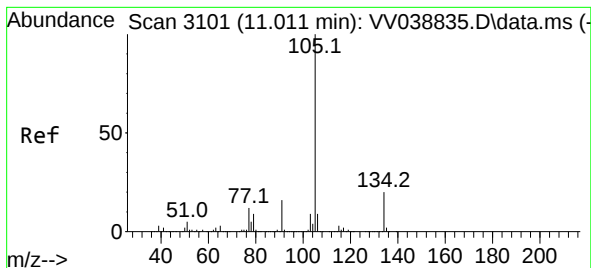
Tgt Ion:105 Resp: 1227211

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 54.172 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

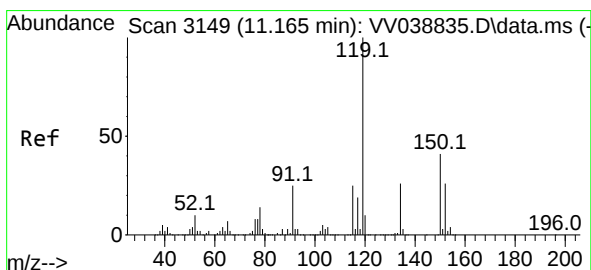
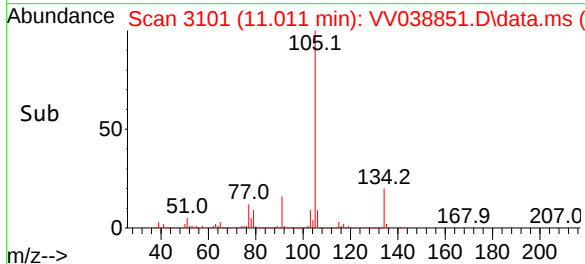
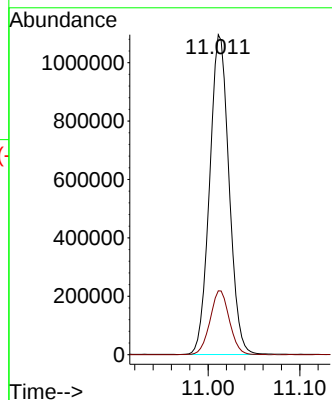
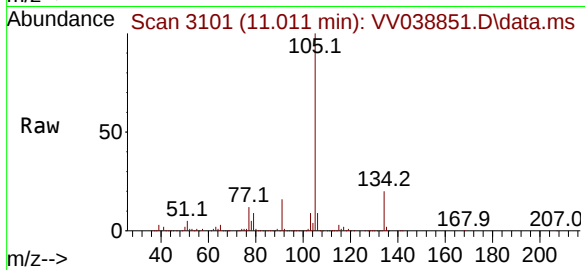
VSTDCCC050

Tgt Ion:105 Resp: 1610052

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 54.063 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

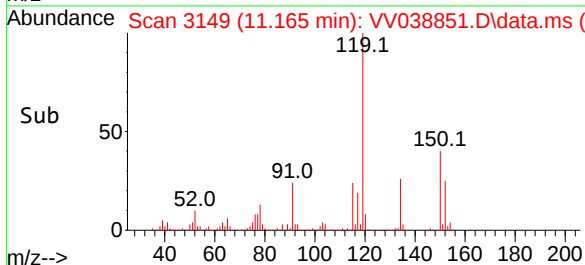
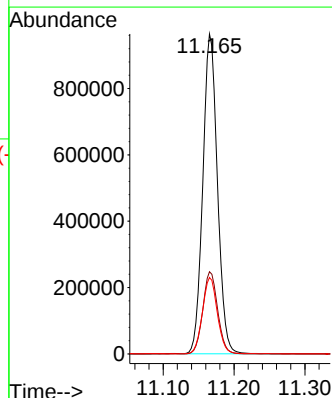
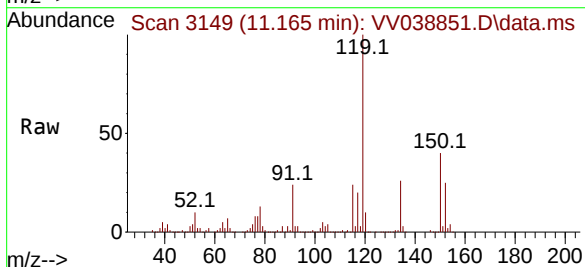
Tgt Ion:119 Resp: 1377652

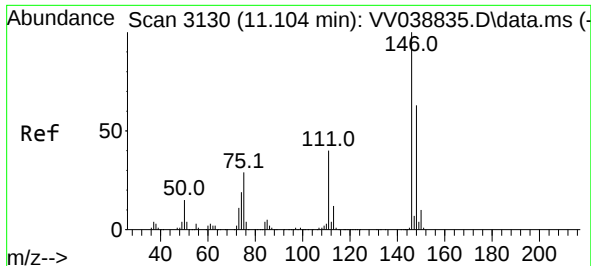
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 51.204 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

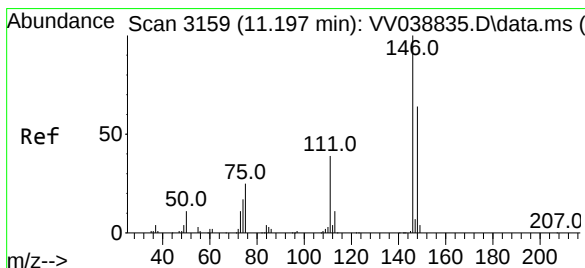
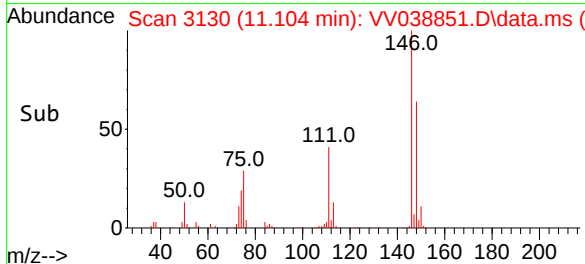
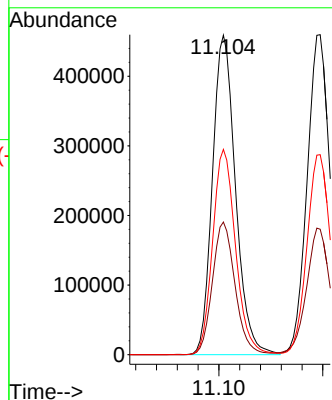
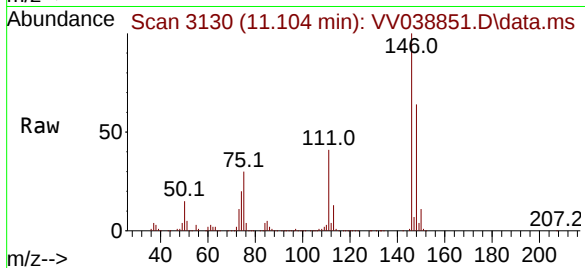
Tgt Ion:146 Resp: 706953

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 64.0 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 49.835 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

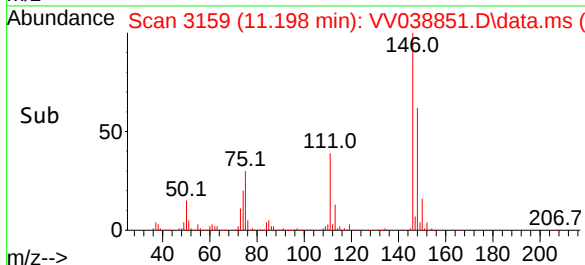
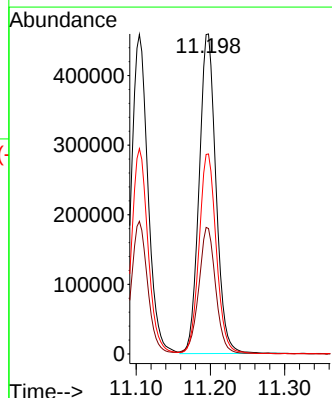
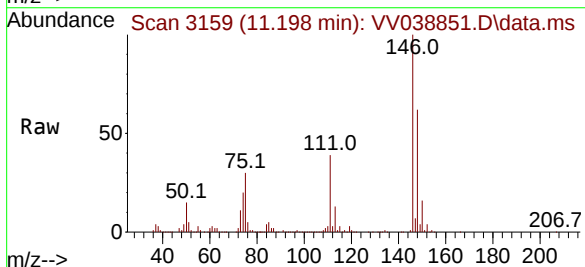
Tgt Ion:146 Resp: 724993

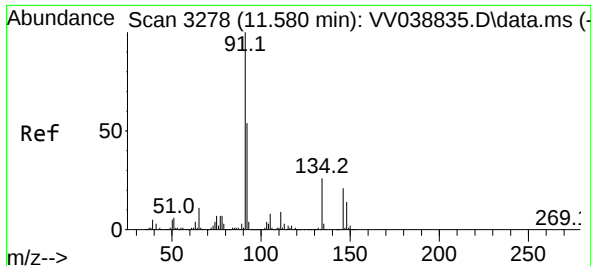
Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 55.334 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

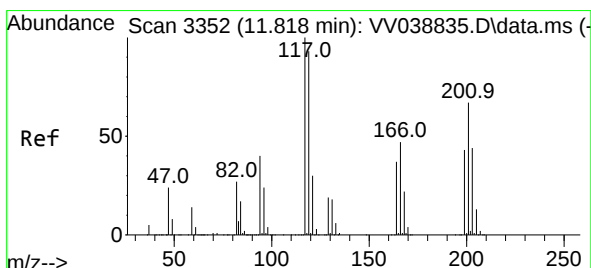
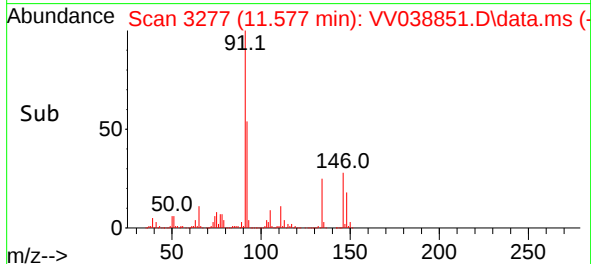
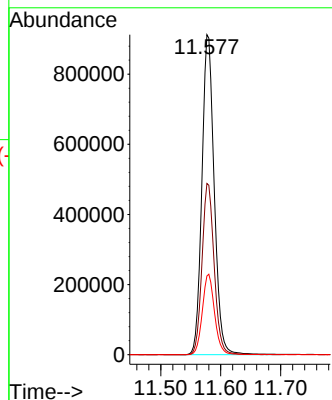
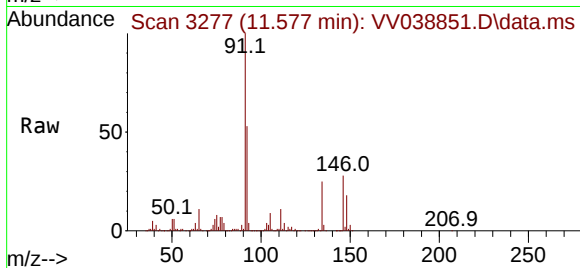
Tgt Ion: 91 Resp: 1306797

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.0

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 48.795 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038851.D

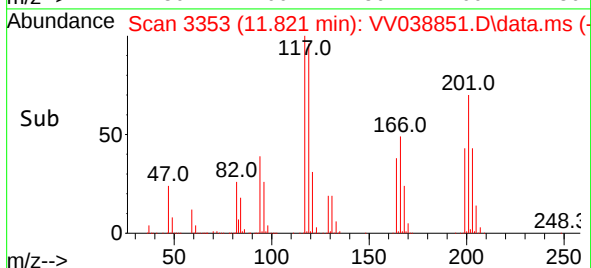
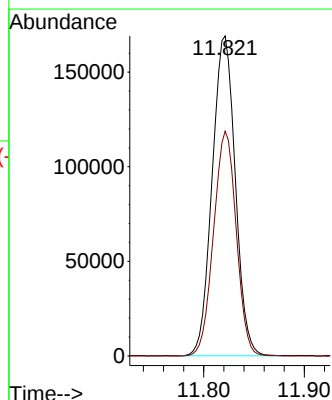
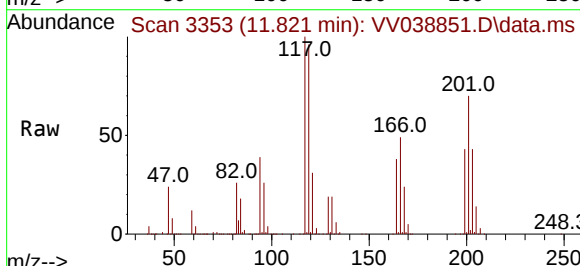
Acq: 03 Jul 2025 09:09

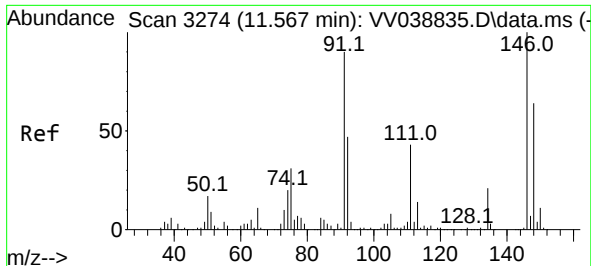
Tgt Ion: 117 Resp: 269899

Ion Ratio Lower Upper

117 100

201 68.9 34.4 103.1

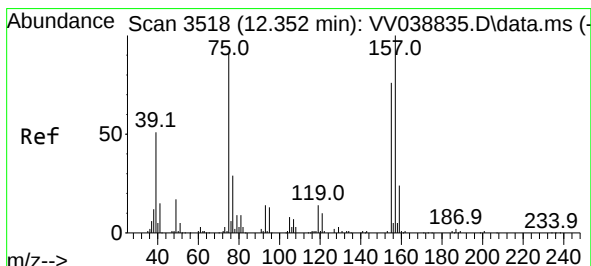
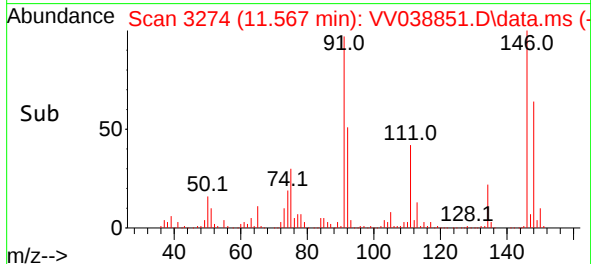
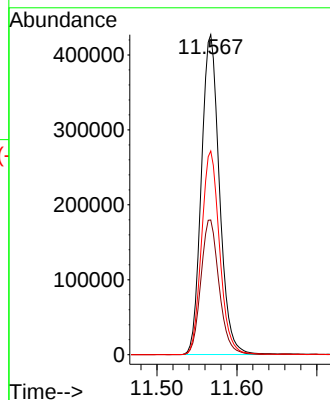
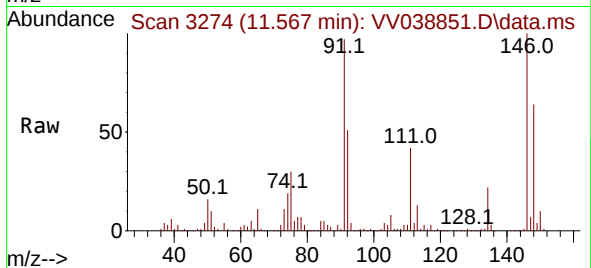




#91
1,2-Dichlorobenzene
Concen: 51.581 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

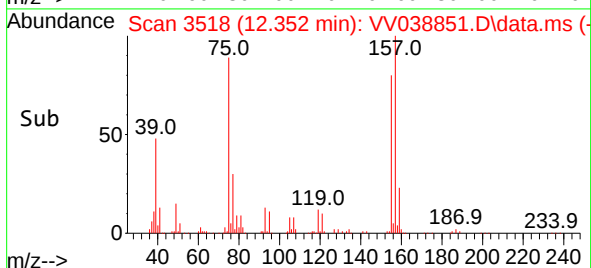
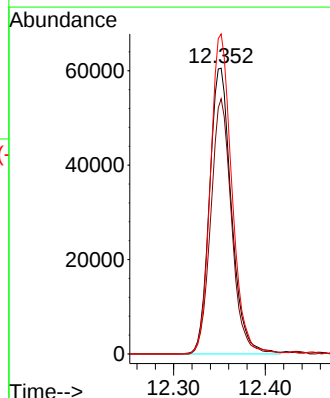
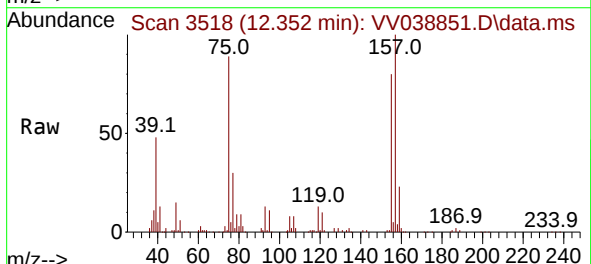
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

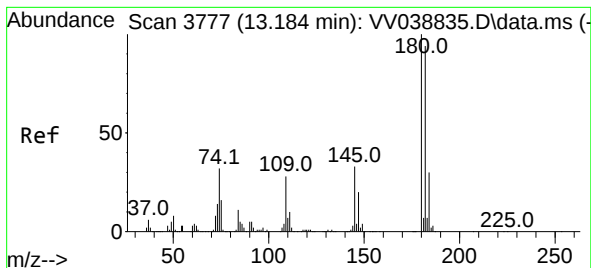
Tgt Ion:146 Resp: 671252
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.749 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.000 min
Lab File: VV038851.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 75 Resp: 100522
Ion Ratio Lower Upper
75 100
155 84.9 43.2 129.6
157 109.5 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 53.007 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

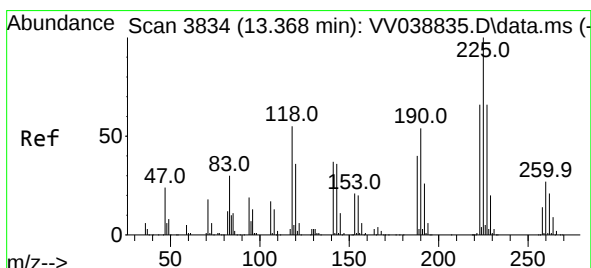
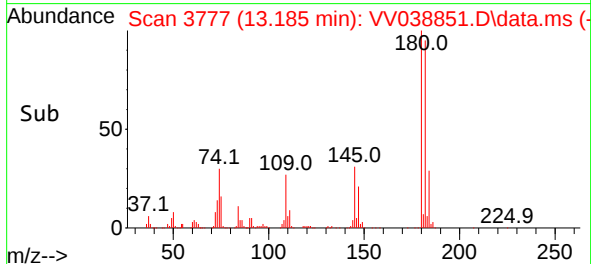
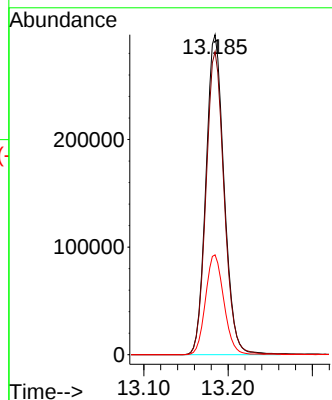
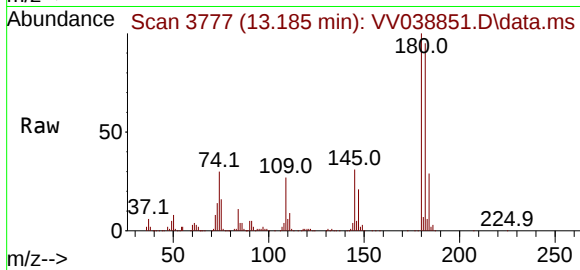
Tgt Ion:180 Resp: 447126

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.8

145 31.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.526 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

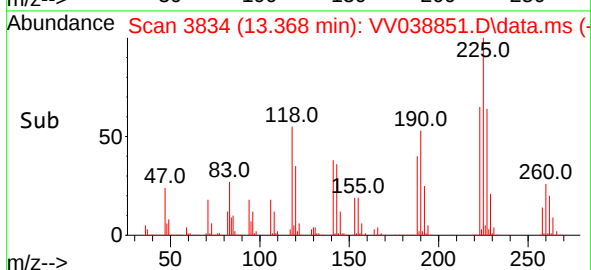
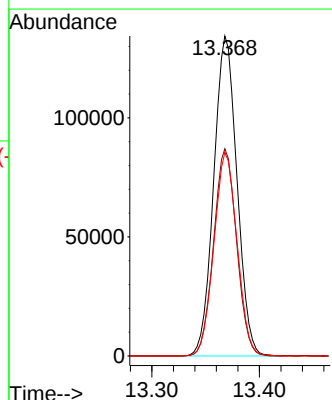
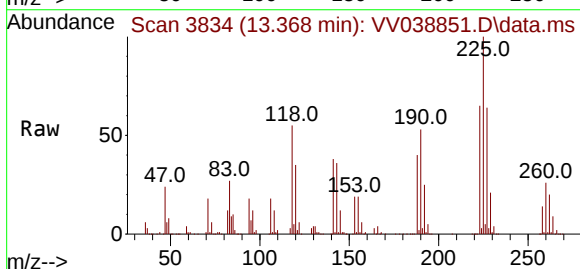
Tgt Ion:225 Resp: 201602

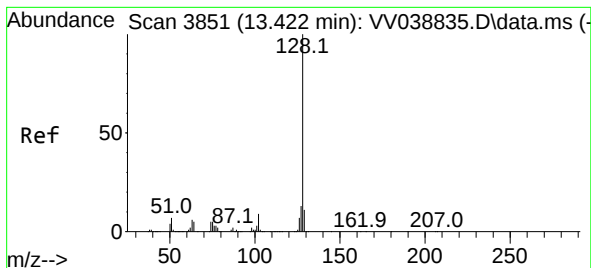
Ion Ratio Lower Upper

225 100

223 63.9 33.2 99.6

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 54.057 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

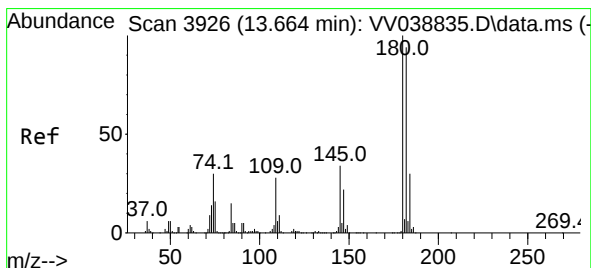
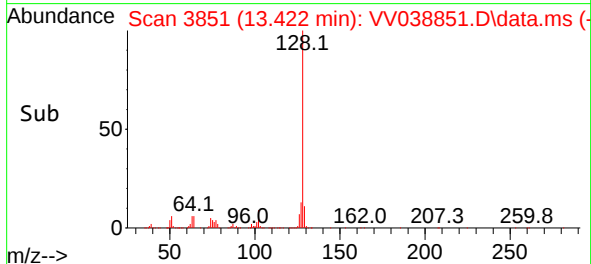
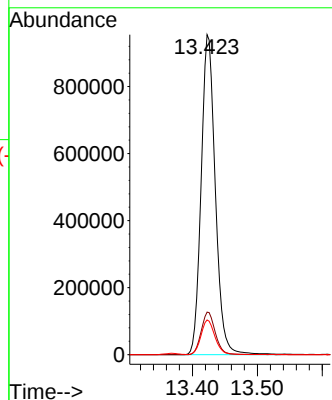
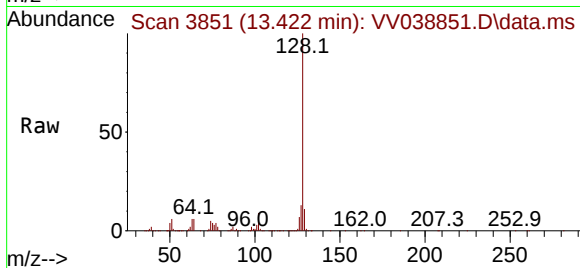
Tgt Ion:128 Resp: 1450604

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.632 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Tgt Ion:180 Resp: 458161

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 34.3 17.1 51.2

