

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039363.D
 Acq On : 12 Nov 2025 08:48
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050

Quant Time: Nov 14 00:17:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	858895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1143490	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1121682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	723597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	500940	47.276	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.560%
35) Dibromofluoromethane	4.497	113	449682	51.272	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.540%
50) Toluene-d8	7.233	98	1476753	50.953	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	101.900%
62) 4-Bromofluorobenzene	9.998	95	594144	53.351	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	222178	43.332	ug/l	100
3) Chloromethane	1.230	50	206661	43.194	ug/l	100
4) Vinyl Chloride	1.297	62	258491	43.784	ug/l	99
5) Bromomethane	1.494	94	164889	46.911	ug/l	98
6) Chloroethane	1.561	64	195860	44.935	ug/l	100
7) Trichlorofluoromethane	1.725	101	536521	44.626	ug/l	99
8) Diethyl Ether	1.915	74	209880	45.775	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	349960	44.271	ug/l	99
10) Methyl Iodide	2.195	142	268449	55.144	ug/l	99
11) Tert butyl alcohol	2.558	59	291828	257.087	ug/l	99
12) 1,1-Dichloroethene	2.079	96	272271	43.548	ug/l	97
13) Acrolein	2.008	56	24289	228.070	ug/l	100
14) Allyl chloride	2.355	41	526588	47.268	ug/l	99
15) Acrylonitrile	2.667	53	1091120	247.655	ug/l	99
16) Acetone	2.114	43	1364222	243.340	ug/l	99
17) Carbon Disulfide	2.252	76	407483	41.231	ug/l	100
18) Methyl Acetate	2.375	43	850909	56.695	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	1203061	51.175	ug/l	98
20) Methylene Chloride	2.455	84	361065	41.714	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	290734	46.883	ug/l	99
22) Diisopropyl ether	3.207	45	1292636	53.405	ug/l	100
23) Vinyl Acetate	3.185	43	4308784	252.041	ug/l	100
24) 1,1-Dichloroethane	3.114	63	686198	46.624	ug/l	99
25) 2-Butanone	3.850	43	1527522	261.136	ug/l	99
26) 2,2-Dichloropropane	3.805	77	605246	48.894	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	404076	47.980	ug/l	99
28) Bromochloromethane	4.140	49	334174	51.917	ug/l #	100
29) Tetrahydrofuran	4.223	42	853183	260.561	ug/l	100
30) Chloroform	4.272	83	765974	47.121	ug/l	99
31) Cyclohexane	4.580	56	398160	43.222	ug/l	97
32) 1,1,1-Trichloroethane	4.506	97	643640	47.347	ug/l	100
36) 1,1-Dichloropropene	4.741	75	394208	52.184	ug/l	98
37) Ethyl Acetate	3.966	43	502754	43.323	ug/l	96
38) Carbon Tetrachloride	4.731	117	550510	49.060	ug/l	98
39) Methylcyclohexane	6.043	83	395759	49.208	ug/l	98
40) Benzene	5.005	78	1344689	50.903	ug/l	99

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 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:17:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.149	41	253769	61.235	ug/l	98
42) 1,2-Dichloroethane	5.034	62	526184	51.112	ug/l	99
43) Isopropyl Acetate	5.182	43	826211	53.443	ug/l	99
44) Trichloroethene	5.828	130	347271	48.447	ug/l	97
45) 1,2-Dichloropropane	6.082	63	394085	55.134	ug/l	99
46) Dibromomethane	6.220	93	279914	48.700	ug/l	99
47) Bromodichloromethane	6.419	83	633549	50.896	ug/l	100
48) Methyl methacrylate	6.291	41	387610	53.834	ug/l	98
49) 1,4-Dioxane	6.281	88	98336	886.714	ug/l	99
51) 4-Methyl-2-Pentanone	7.140	43	3068501	290.360	ug/l	100
52) Toluene	7.304	92	880372	53.182	ug/l	100
53) t-1,3-Dichloropropene	7.567	75	583011	54.436	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	633499	55.715	ug/l	99
55) 1,1,2-Trichloroethane	7.754	97	429751	51.274	ug/l	97
56) Ethyl methacrylate	7.709	69	564464	55.778	ug/l	99
57) 1,3-Dichloropropane	7.927	76	677151	52.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.805	63	1627932	565.691	ug/l	100
59) 2-Hexanone	8.056	43	2329918	308.484	ug/l	99
60) Dibromochloromethane	8.162	129	549035	51.121	ug/l	100
61) 1,2-Dibromoethane	8.268	107	425970	52.141	ug/l	99
64) Tetrachloroethene	7.892	164	322865	46.574	ug/l	97
65) Chlorobenzene	8.799	112	1095232	49.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	459860	49.357	ug/l	100
67) Ethyl Benzene	8.934	91	1703829	52.754	ug/l	100
68) m/p-Xylenes	9.059	106	1380306	113.167	ug/l	99
69) o-Xylene	9.464	106	642432	55.671	ug/l	99
70) Styrene	9.480	104	1213786	58.837	ug/l	100
71) Bromoform	9.651	173	436214	50.435	ug/l #	99
73) Isopropylbenzene	9.853	105	1853393	52.455	ug/l	100
74) N-amyl acetate	9.722	43	724443	52.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.162	83	702847	45.672	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	522308	46.504	ug/l	98
77) Bromobenzene	10.136	156	524012	48.048	ug/l	99
78) n-propylbenzene	10.275	91	2186628	54.022	ug/l	100
79) 2-Chlorotoluene	10.345	91	1332782	51.440	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1577549	54.609	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.924	75	229293	54.726	ug/l	94
82) 4-Chlorotoluene	10.461	91	1574240	54.346	ug/l	99
83) tert-Butylbenzene	10.786	119	1627328	51.248	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1577939	56.075	ug/l	99
85) sec-Butylbenzene	11.011	105	1999869	53.114	ug/l	100
86) p-Isopropyltoluene	11.165	119	1744536	53.694	ug/l	100
87) 1,3-Dichlorobenzene	11.101	146	1024336	48.970	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1061565	46.546	ug/l	100
89) n-Butylbenzene	11.577	91	1553847	53.632	ug/l	99
90) Hexachloroethane	11.818	117	364446	45.008	ug/l	98
91) 1,2-Dichlorobenzene	11.564	146	991886	48.454	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	141193	44.628	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	684708	52.719	ug/l	99
94) Hexachlorobutadiene	13.368	225	317741	45.866	ug/l	100
95) Naphthalene	13.422	128	1993665	57.277	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	715318	53.386	ug/l	100

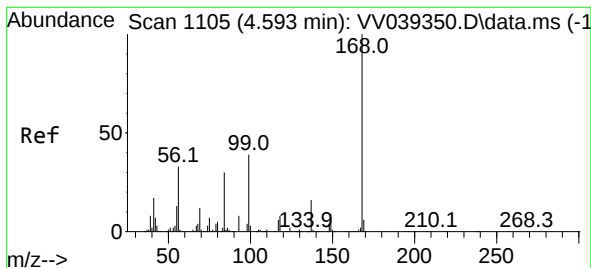
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
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ClientSampleId :
VSTDCCC050

Quant Time: Nov 14 00:17:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.593 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

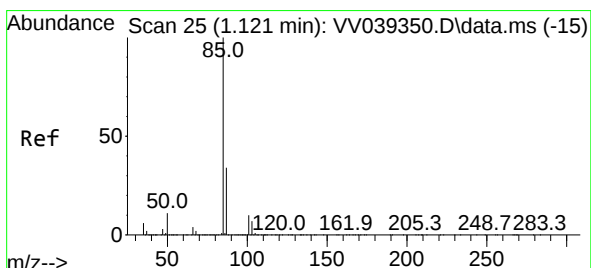
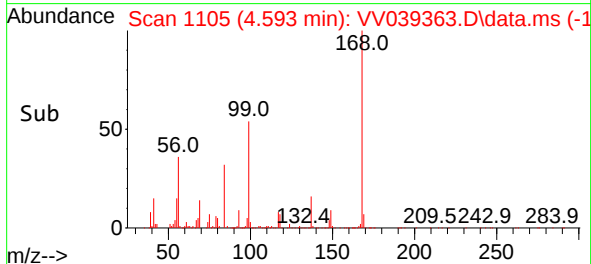
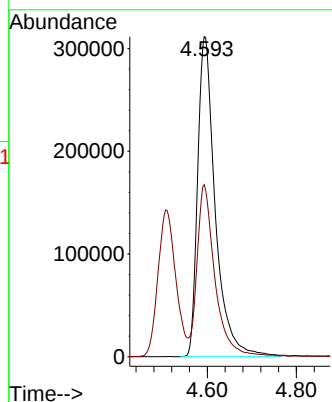
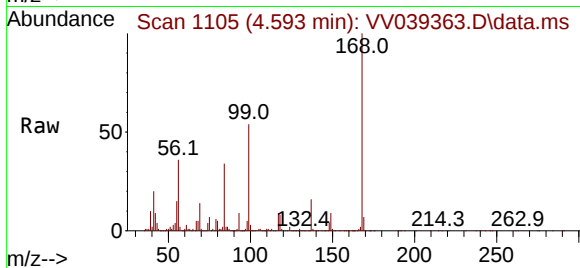
VSTDCCC050

Tgt Ion:168 Resp: 858895

Ion Ratio Lower Upper

168 100

99 53.5 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 43.332 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039363.D

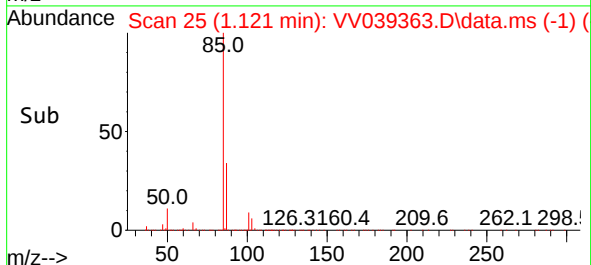
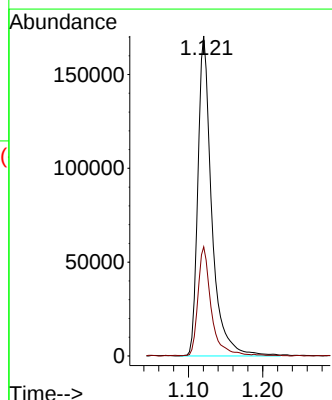
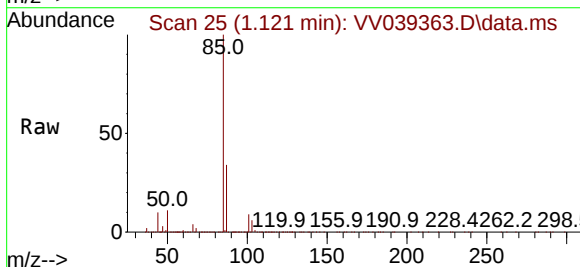
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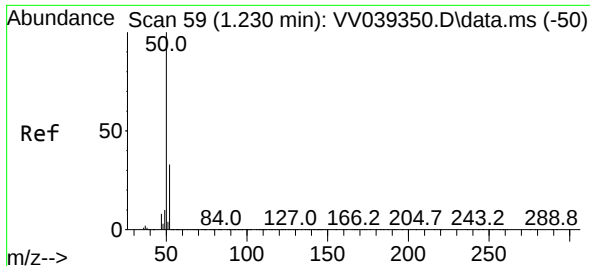
Tgt Ion: 85 Resp: 222178

Ion Ratio Lower Upper

85 100

87 33.9 16.9 50.7

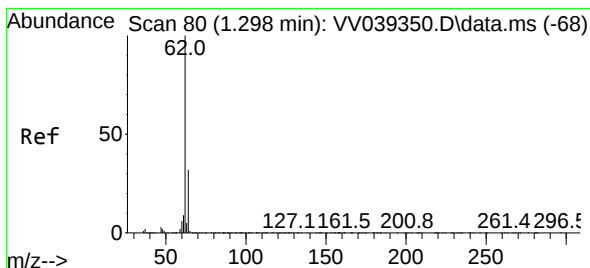
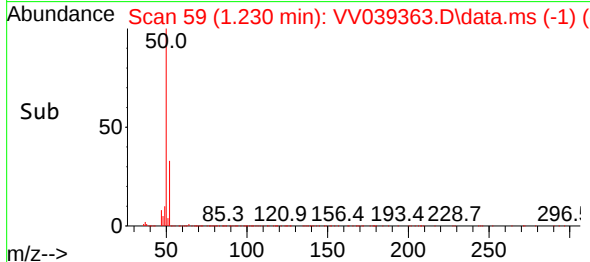
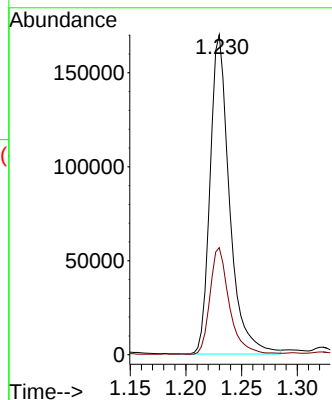
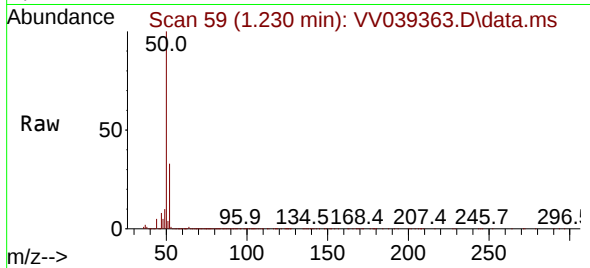




#3
Chloromethane
Concen: 43.194 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

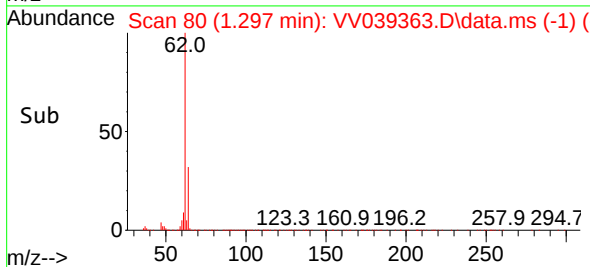
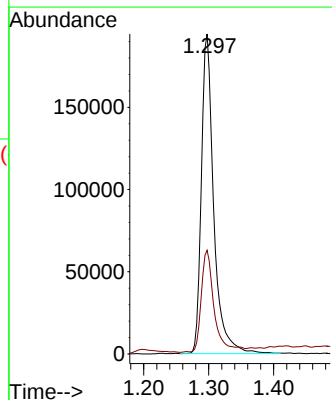
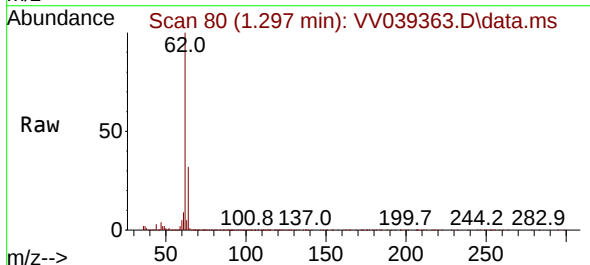
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

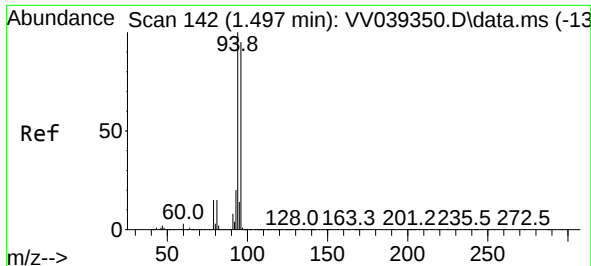
Tgt Ion: 50 Resp: 206661
Ion Ratio Lower Upper
50 100
52 33.3 26.6 39.8



#4
Vinyl Chloride
Concen: 43.784 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 62 Resp: 258491
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

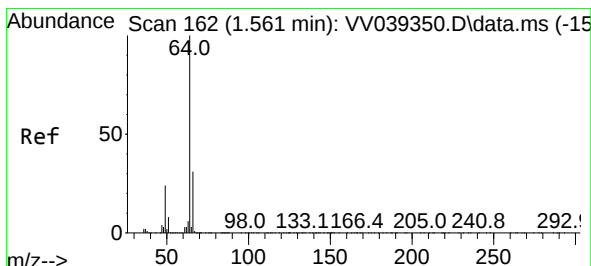
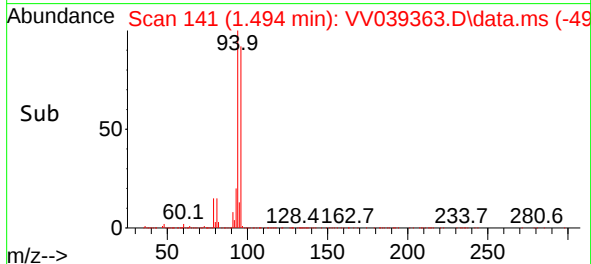
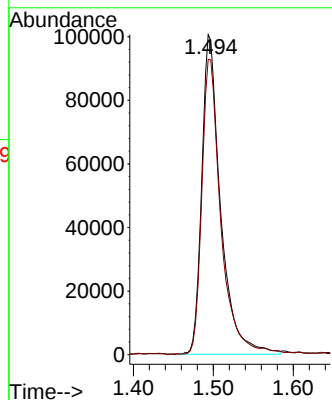
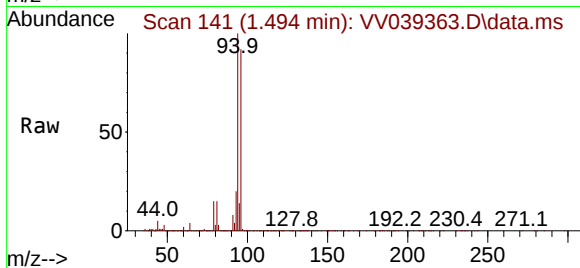




#5
Bromomethane
Concen: 46.911 ug/l
RT: 1.494 min Scan# 142
Delta R.T. -0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

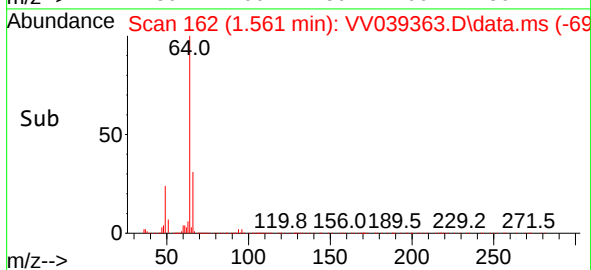
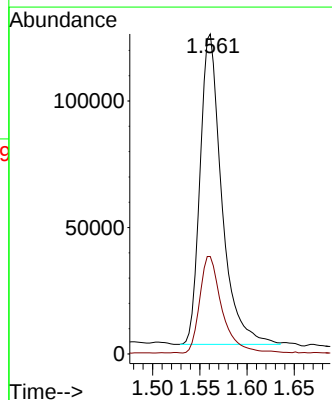
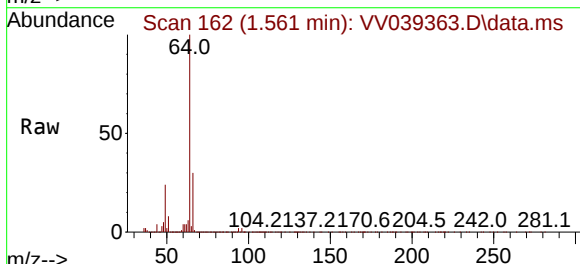
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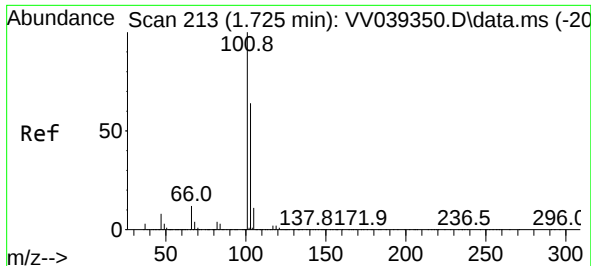
Tgt Ion: 94 Resp: 164889
Ion Ratio Lower Upper
94 100
96 92.2 75.6 113.4



#6
Chloroethane
Concen: 44.935 ug/l
RT: 1.561 min Scan# 162
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 64 Resp: 195860
Ion Ratio Lower Upper
64 100
66 31.0 24.7 37.1

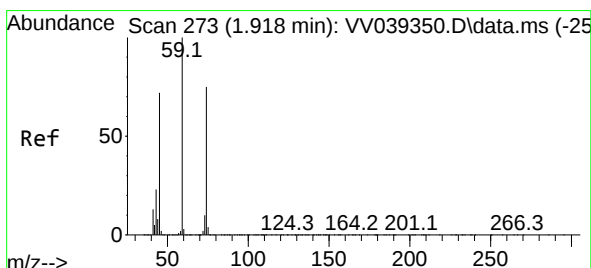
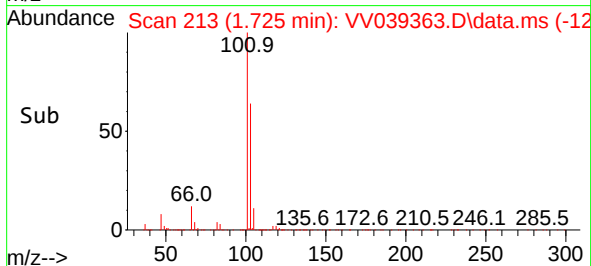
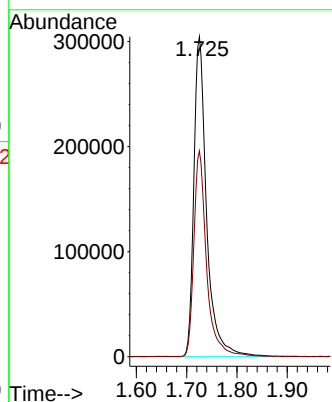
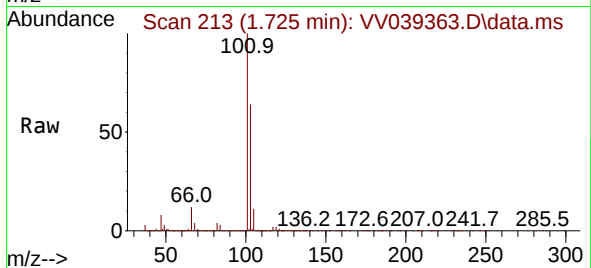




#7
Trichlorofluoromethane
Concen: 44.626 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

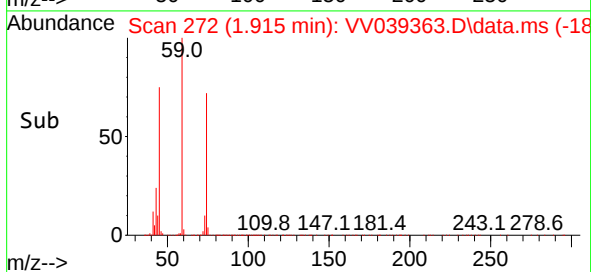
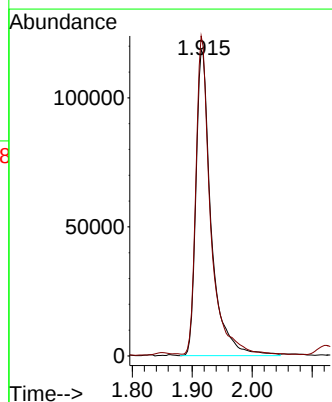
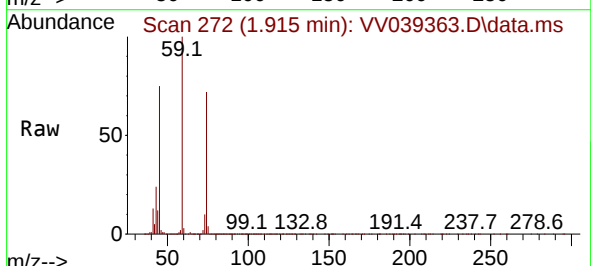
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

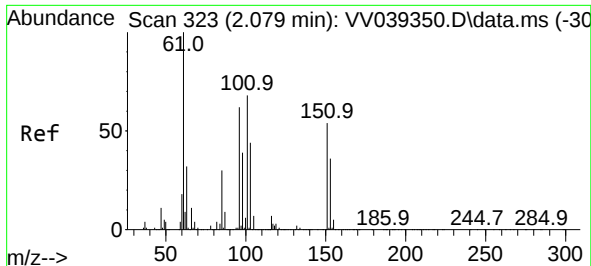
Tgt Ion:101 Resp: 536521
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3



#8
Diethyl Ether
Concen: 45.775 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 74 Resp: 209880
Ion Ratio Lower Upper
74 100
45 98.8 50.6 151.8

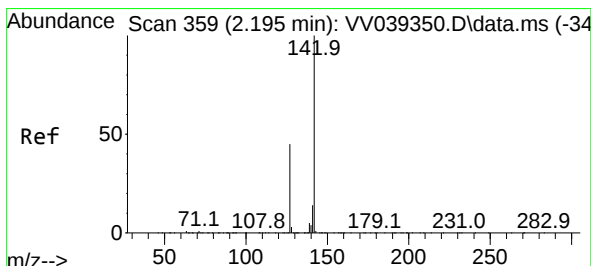
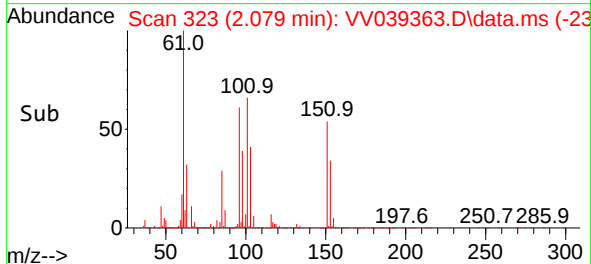
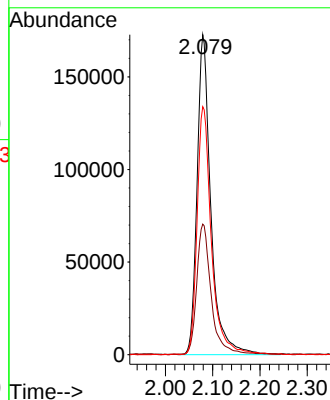
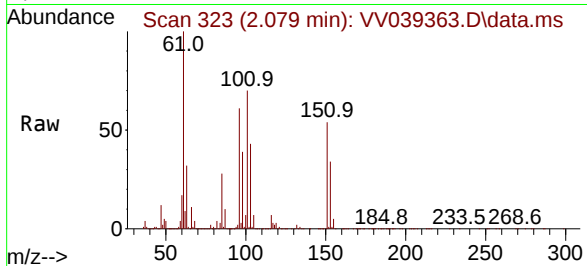




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.271 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039363.D
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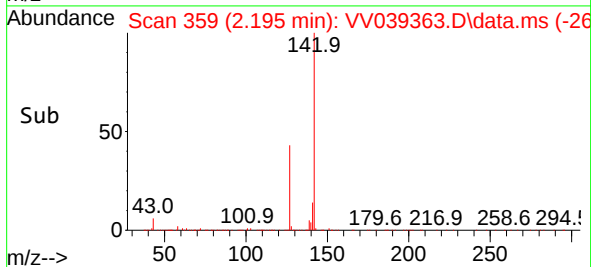
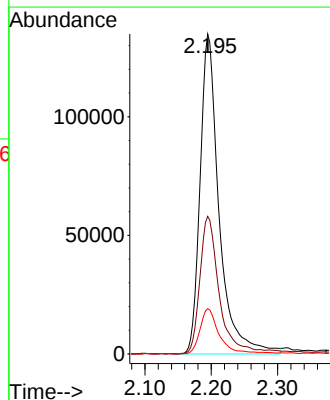
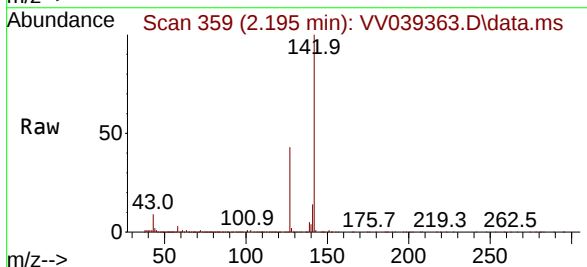
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

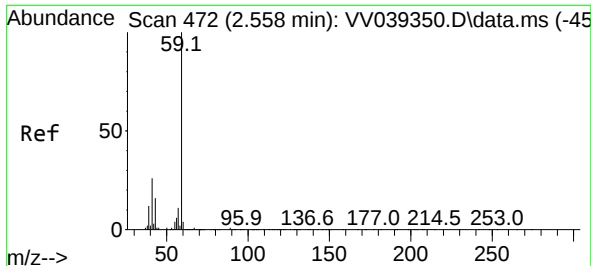
Tgt Ion:101 Resp: 349960
Ion Ratio Lower Upper
101 100
85 42.6 33.5 50.3
151 80.1 63.6 95.4



#10
Methyl Iodide
Concen: 55.144 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion:142 Resp: 268449
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.2 11.9 17.9

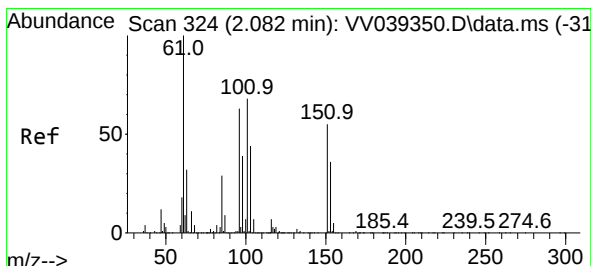
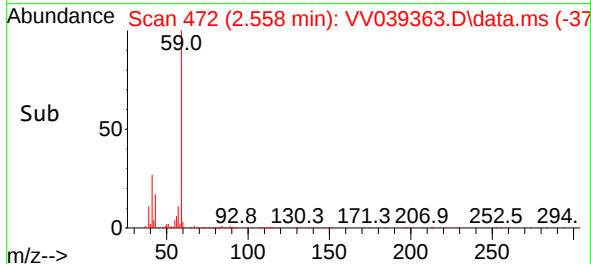
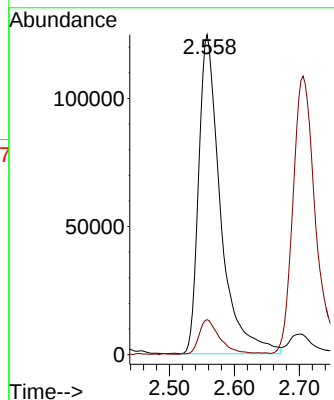
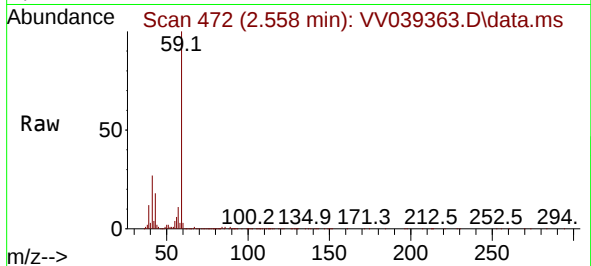




#11
Tert butyl alcohol
Concen: 257.087 ug/l
RT: 2.558 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

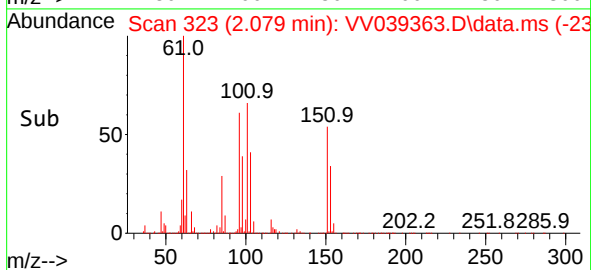
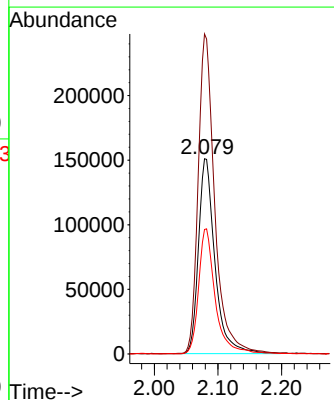
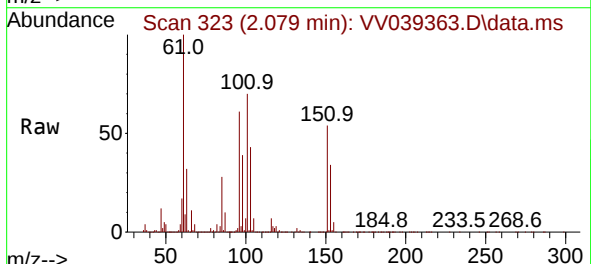
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

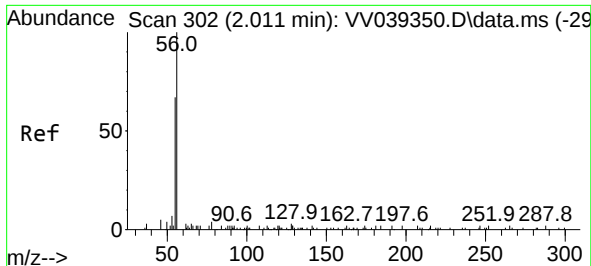
Tgt Ion: 59 Resp: 291828
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 43.548 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 96 Resp: 272271
Ion Ratio Lower Upper
96 100
61 163.9 127.8 191.6
98 63.7 50.2 75.2

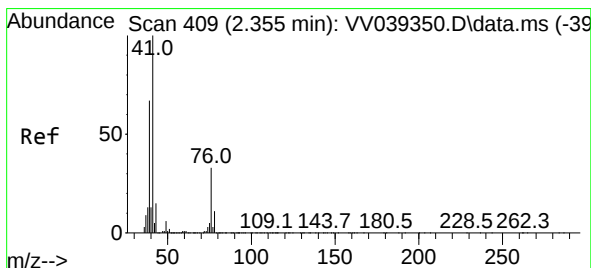
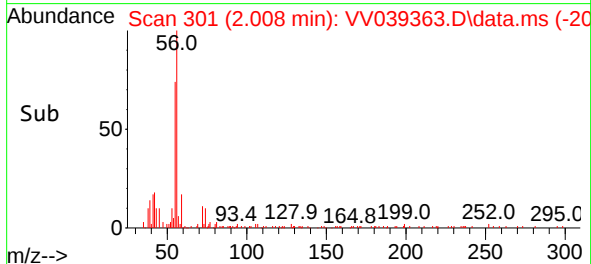
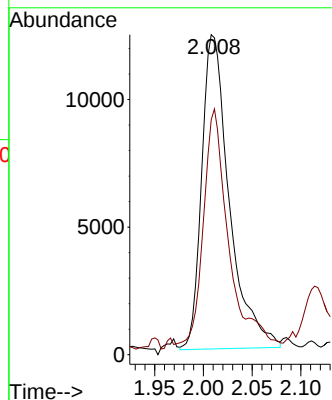
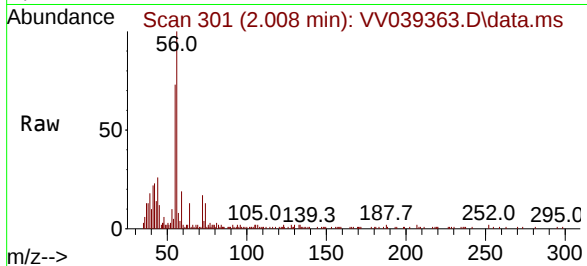




#13
Acrolein
Concen: 228.070 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

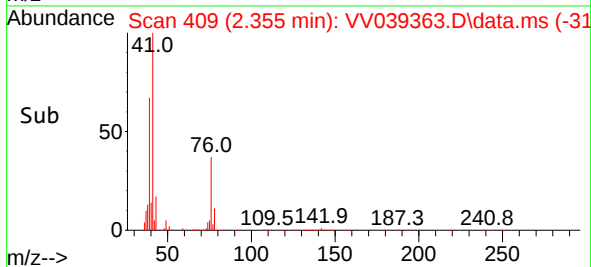
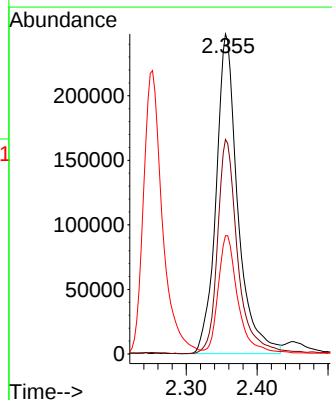
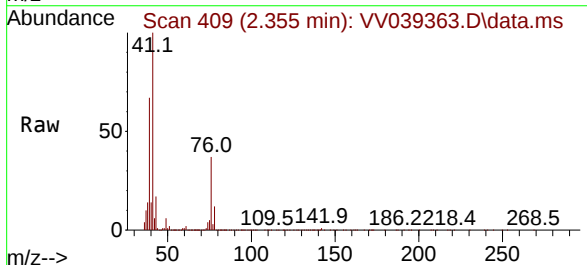
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

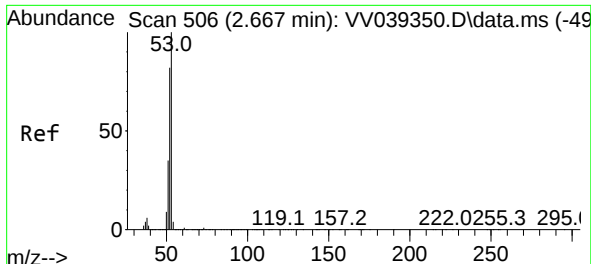
Tgt Ion: 56 Resp: 24289
Ion Ratio Lower Upper
56 100
55 68.9 55.2 82.8



#14
Allyl chloride
Concen: 47.268 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 41 Resp: 526588
Ion Ratio Lower Upper
41 100
39 62.6 50.7 76.1
76 33.6 27.0 40.6

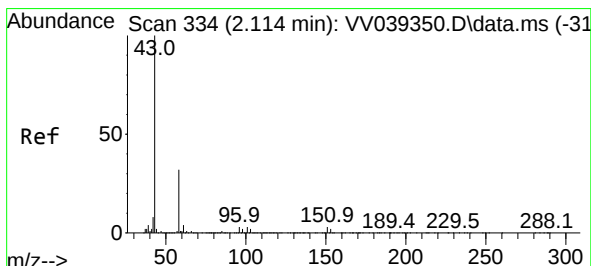
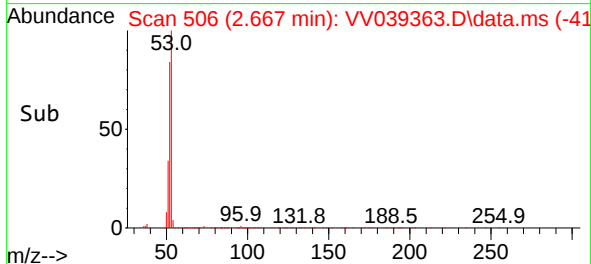
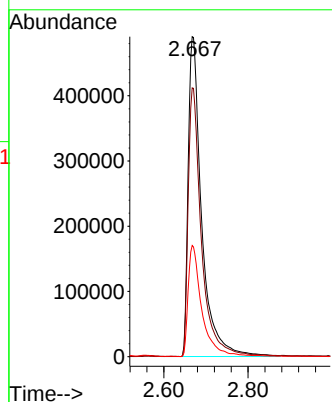
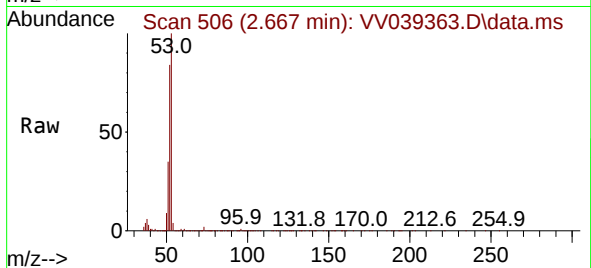




#15
Acrylonitrile
Concen: 247.655 ug/l
RT: 2.667 min Scan# 506
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

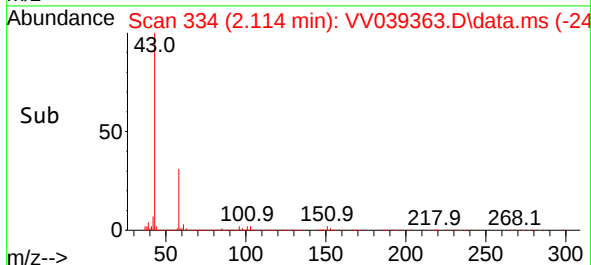
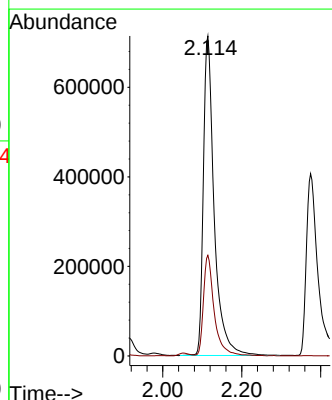
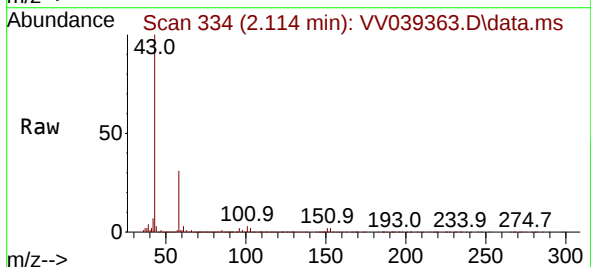
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

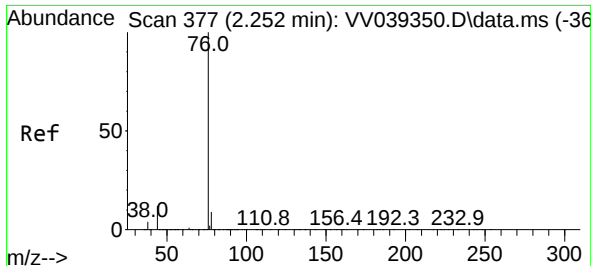
Tgt Ion: 53 Resp: 1091120
Ion Ratio Lower Upper
53 100
52 82.1 65.2 97.8
51 35.2 28.4 42.6



#16
Acetone
Concen: 243.340 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 43 Resp: 1364222
Ion Ratio Lower Upper
43 100
58 31.4 25.5 38.3

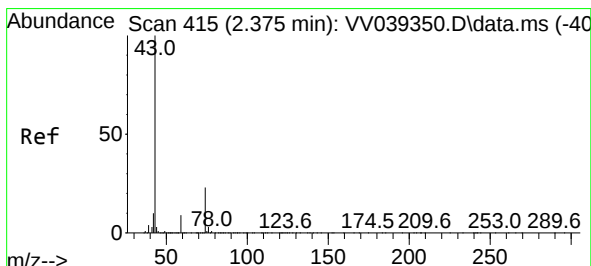
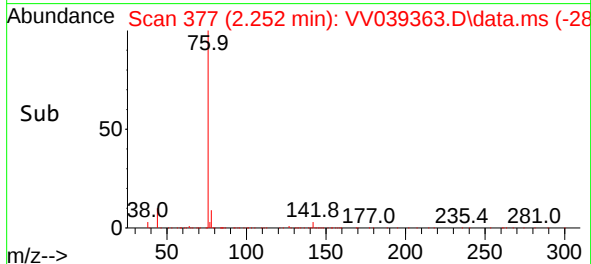
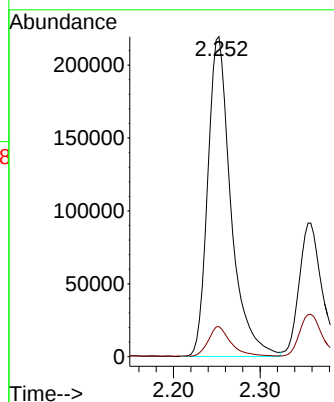
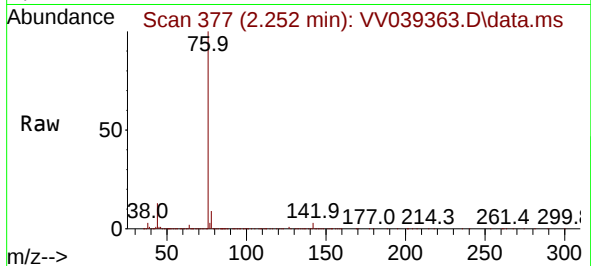




#17
Carbon Disulfide
Concen: 41.231 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

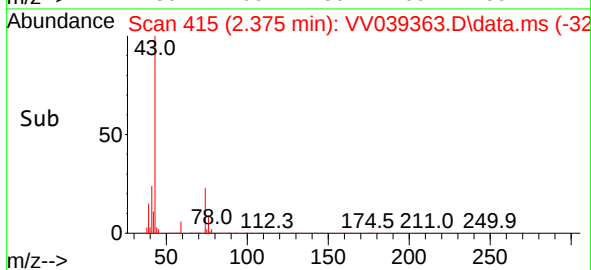
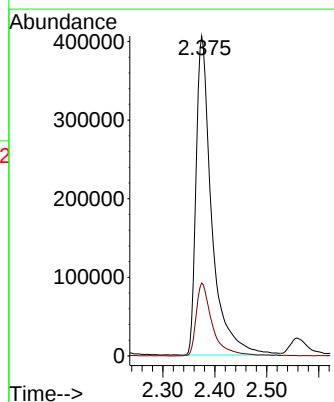
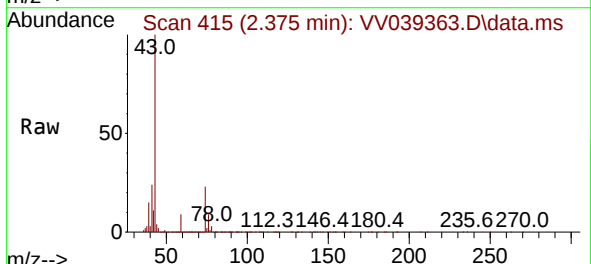
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

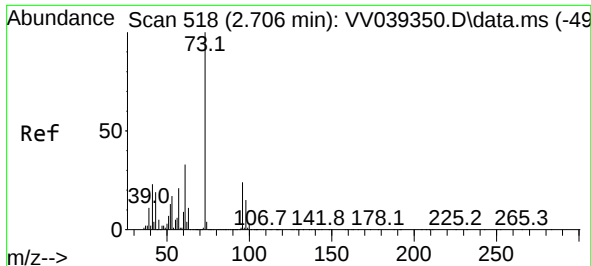
Tgt Ion: 76 Resp: 407483
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 56.695 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 43 Resp: 850909
Ion Ratio Lower Upper
43 100
74 23.4 18.9 28.3

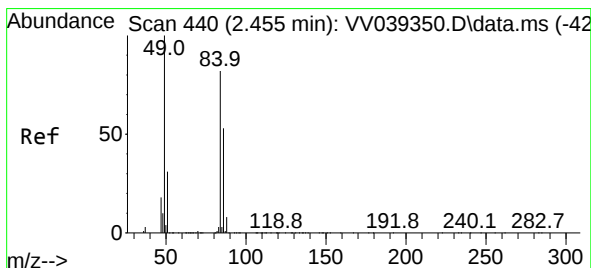
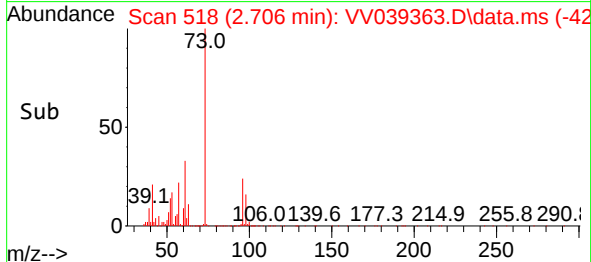
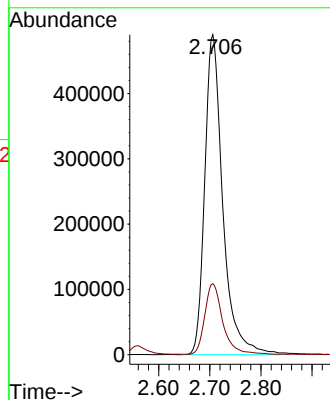
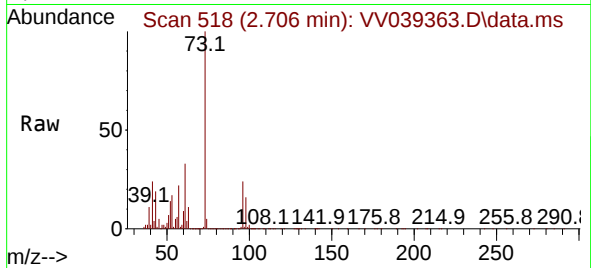




#19
Methyl tert-butyl Ether
Concen: 51.175 ug/l
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

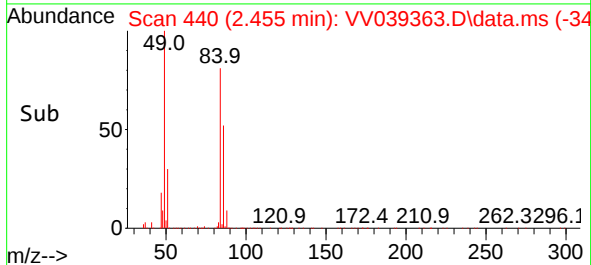
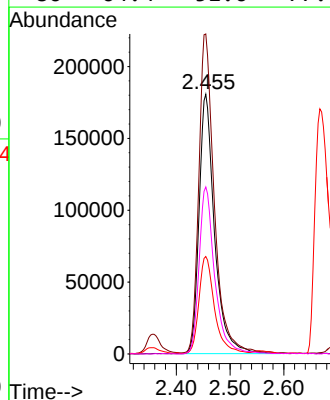
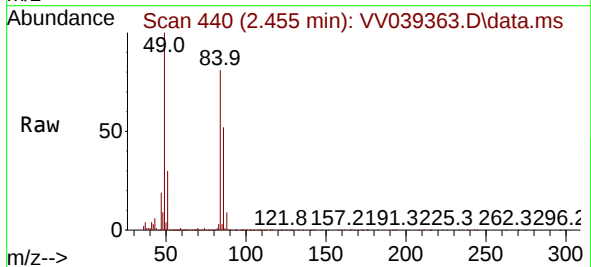
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

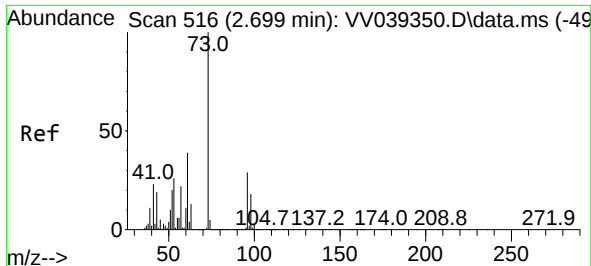
Tgt Ion: 73 Resp: 1203061
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#20
Methylene Chloride
Concen: 41.714 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 84 Resp: 361065
Ion Ratio Lower Upper
84 100
49 122.9 97.8 146.8
51 37.4 30.2 45.4
86 64.4 51.6 77.4

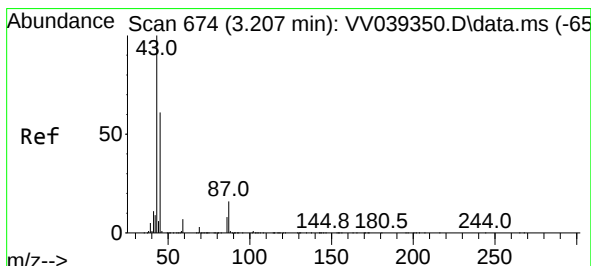
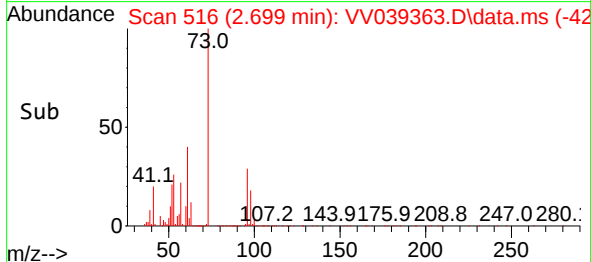
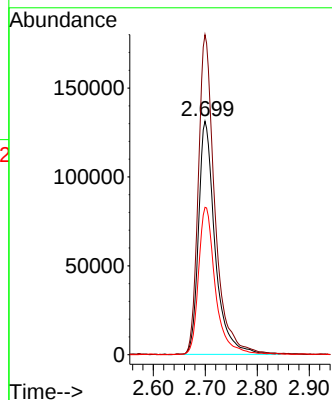
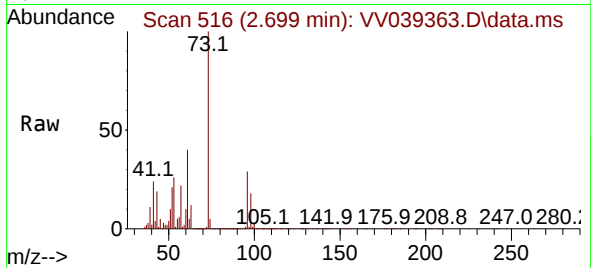




#21
trans-1,2-Dichloroethene
Concen: 46.883 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

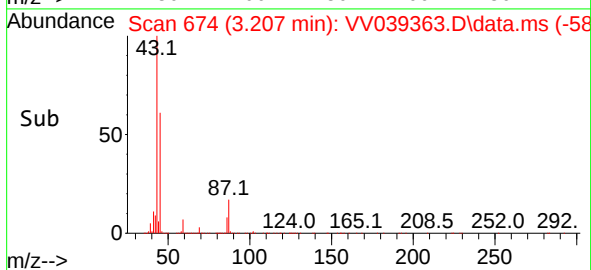
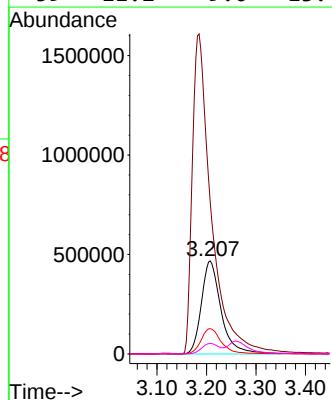
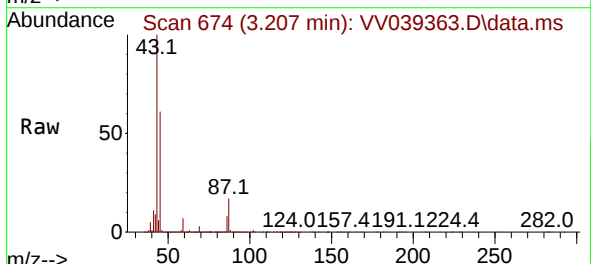
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

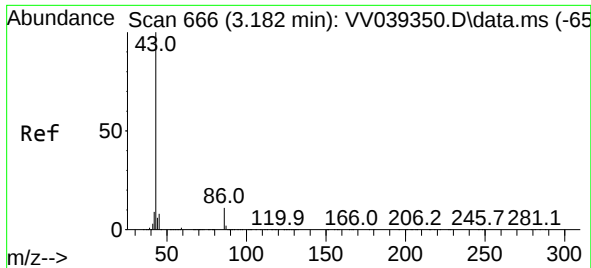
Tgt Ion: 96 Resp: 290734
Ion Ratio Lower Upper
96 100
61 137.0 108.9 163.3
98 62.9 51.7 77.5



#22
Diisopropyl ether
Concen: 53.405 ug/l
RT: 3.207 min Scan# 674
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 45 Resp: 1292636
Ion Ratio Lower Upper
45 100
43 164.5 132.1 198.1
87 27.0 21.8 32.6
59 11.2 9.0 13.4

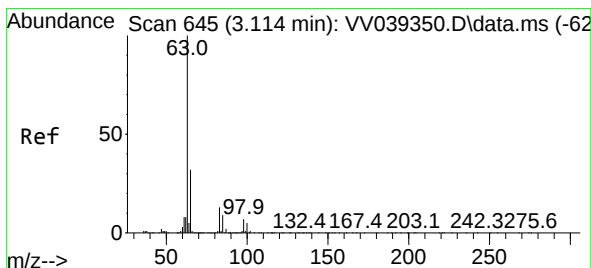
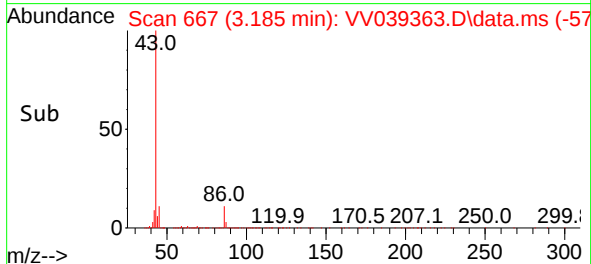
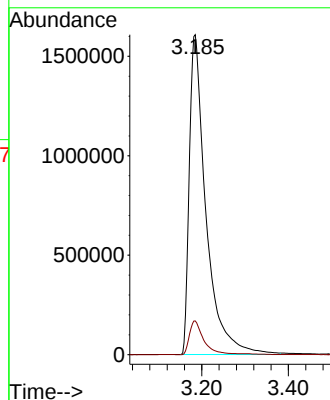
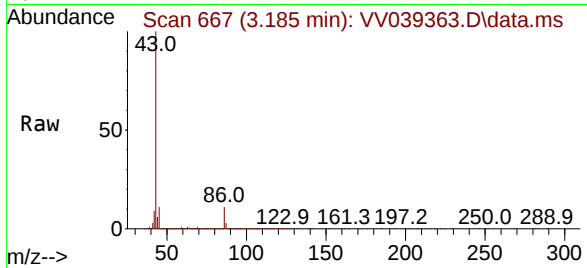




#23
 Vinyl Acetate
 Concen: 252.041 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

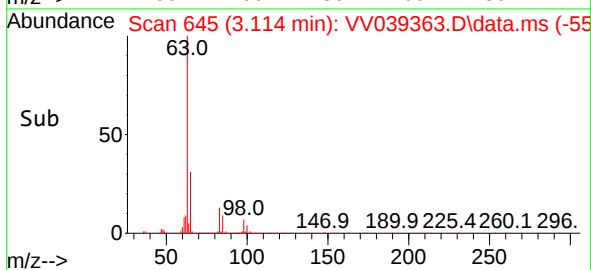
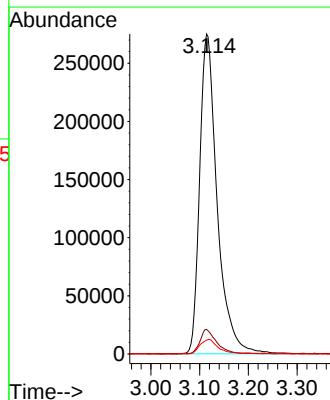
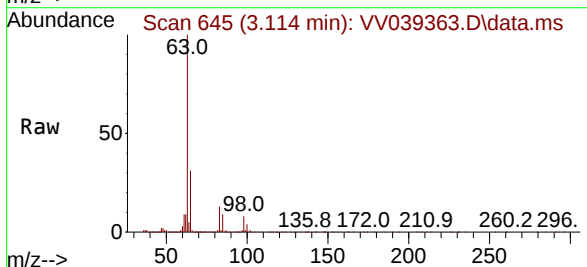
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

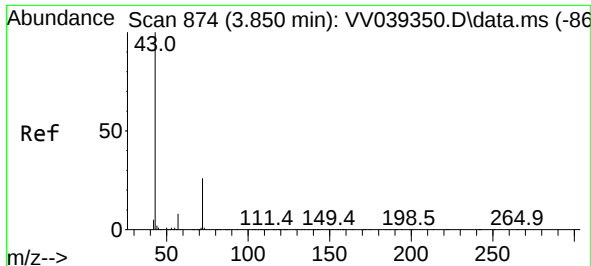
Tgt Ion: 43 Resp: 4308784
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 46.624 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

Tgt Ion: 63 Resp: 686198
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.3 2.3 6.9

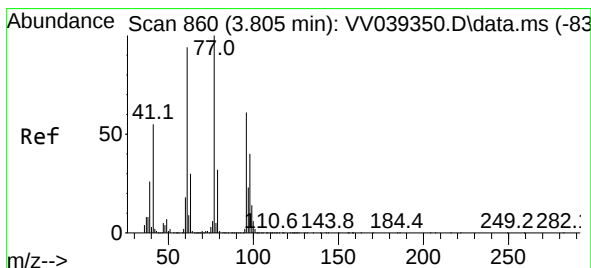
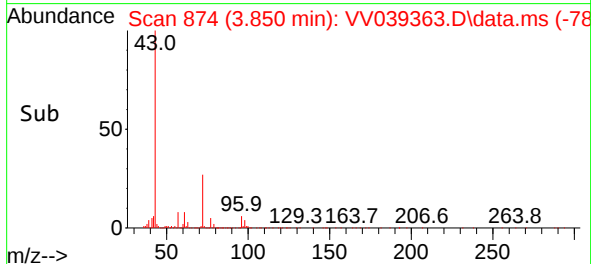
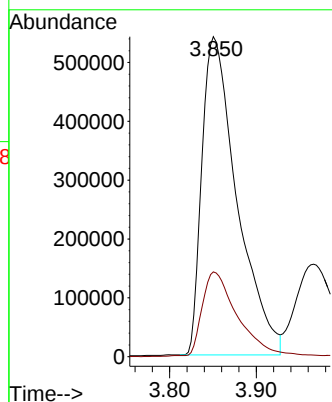
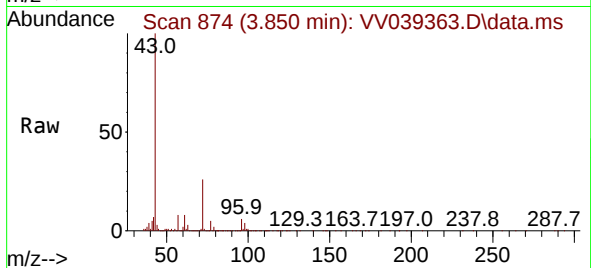




#25
2-Butanone
Concen: 261.136 ug/l
RT: 3.850 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

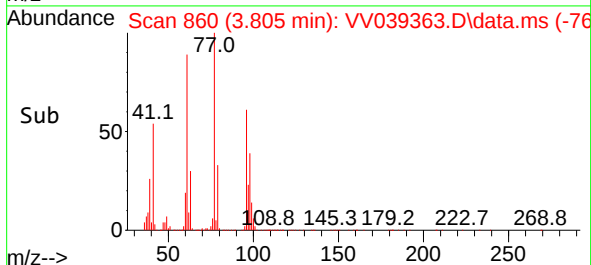
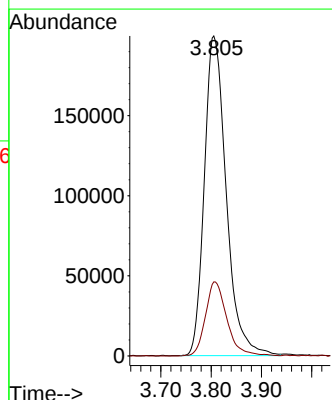
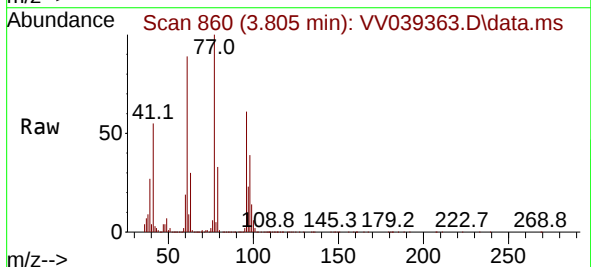
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

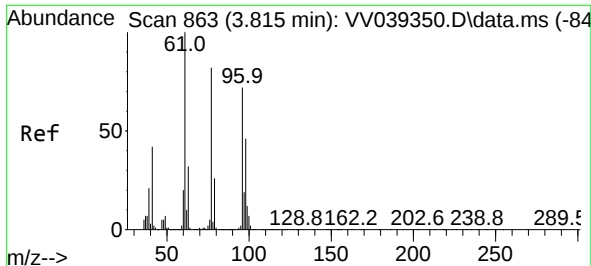
Tgt Ion: 43 Resp: 1527522
Ion Ratio Lower Upper
43 100
72 26.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.894 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 77 Resp: 605246
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8

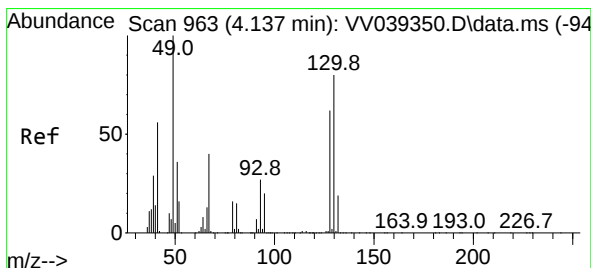
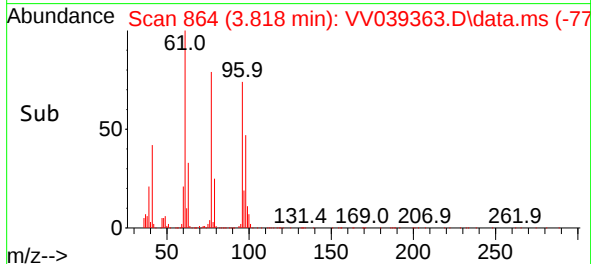
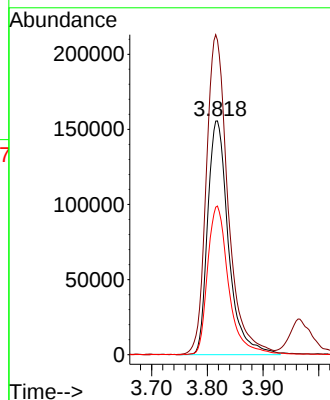
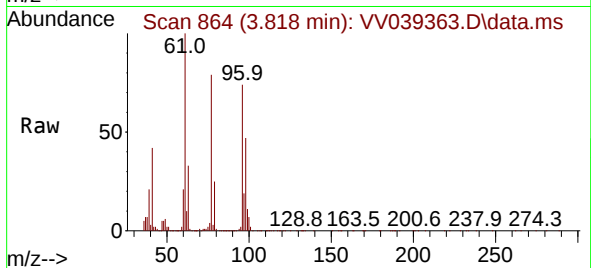




#27
 cis-1,2-Dichloroethene
 Concen: 47.980 ug/l
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

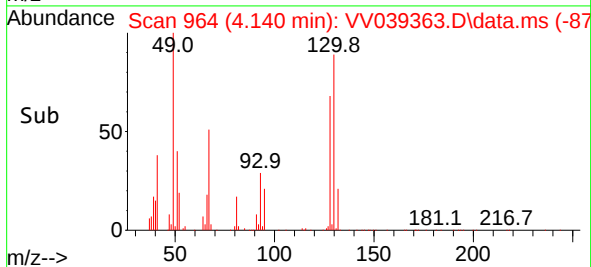
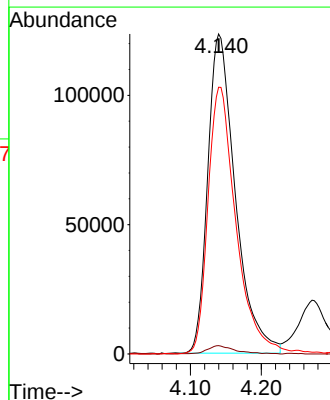
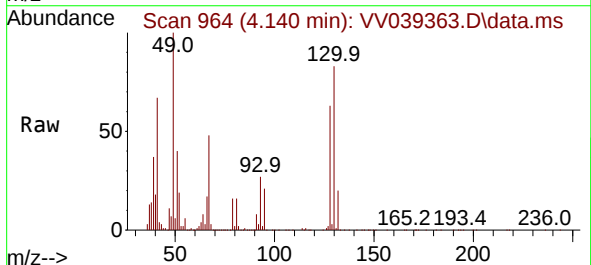
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

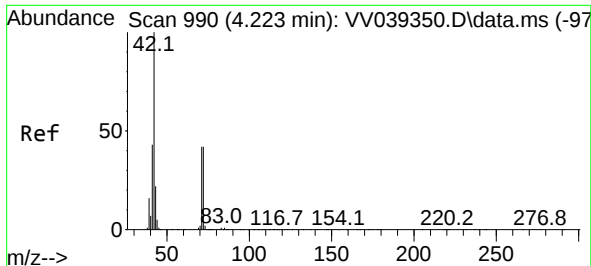
Tgt Ion: 96 Resp: 404076
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 287.8
 98 64.0 0.0 129.6



#28
 Bromochloromethane
 Concen: 51.917 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. 0.003 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

Tgt Ion: 49 Resp: 334174
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.0#
 130 84.7 67.9 101.9





#29

Tetrahydrofuran

Concen: 260.561 ug/l

RT: 4.223 min Scan# 990

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

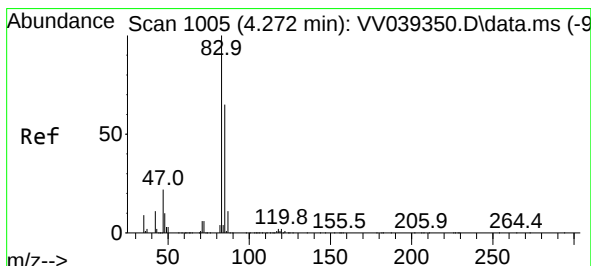
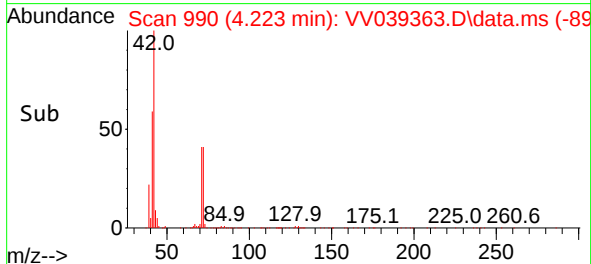
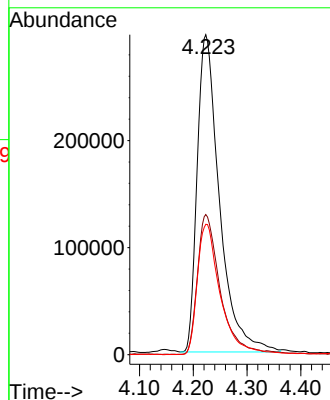
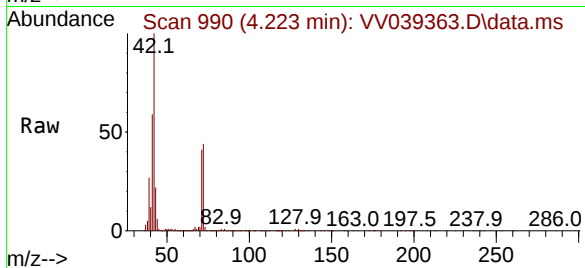
Tgt Ion: 42 Resp: 853183

Ion Ratio Lower Upper

42 100

72 44.4 35.3 52.9

71 42.6 34.0 51.0



#30

Chloroform

Concen: 47.121 ug/l

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV039363.D

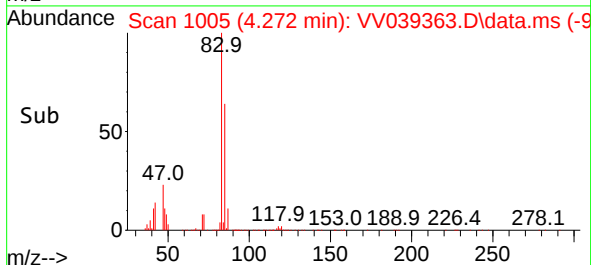
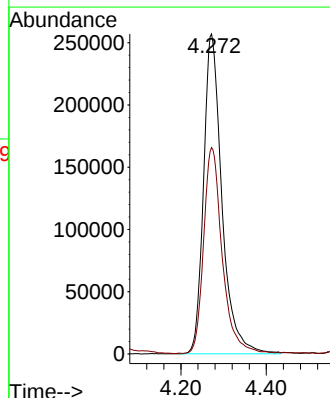
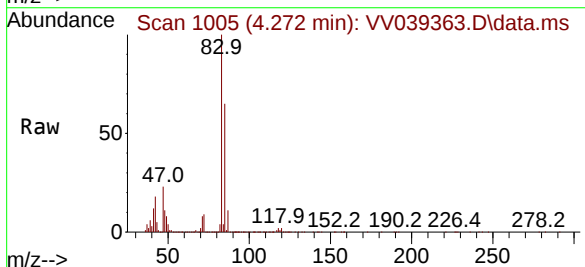
Acq: 12 Nov 2025 08:48

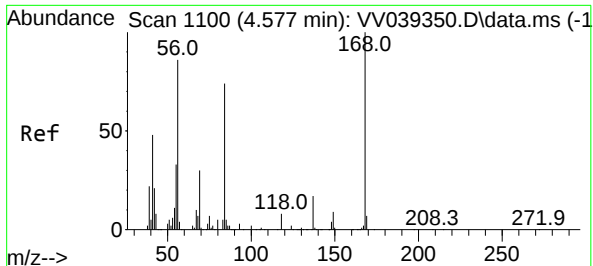
Tgt Ion: 83 Resp: 765974

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.8

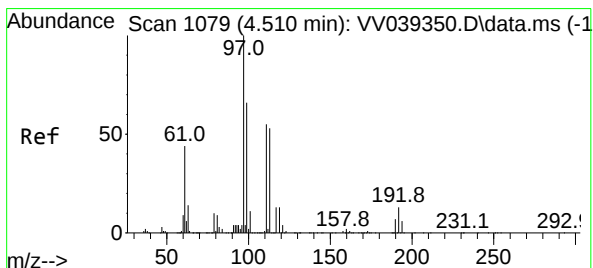
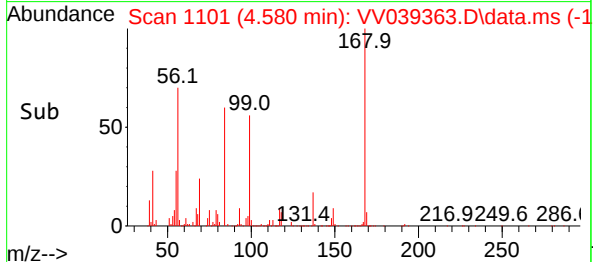
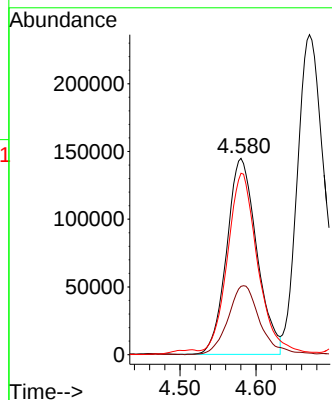
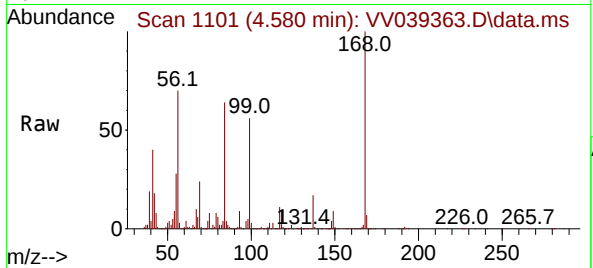




#31
Cyclohexane
Concen: 43.222 ug/l
RT: 4.580 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

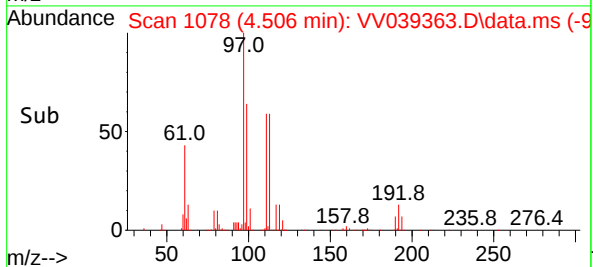
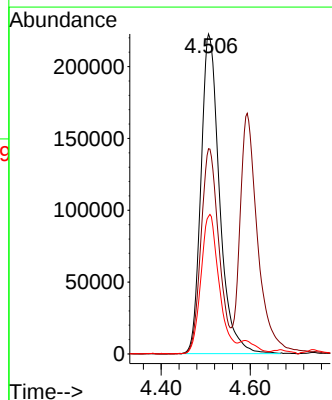
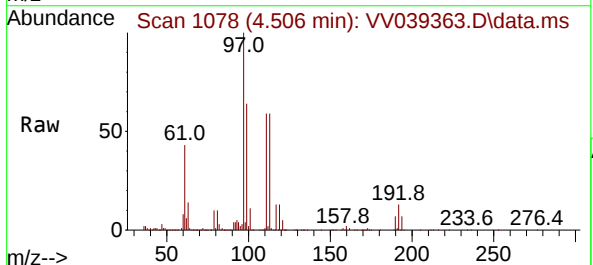
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

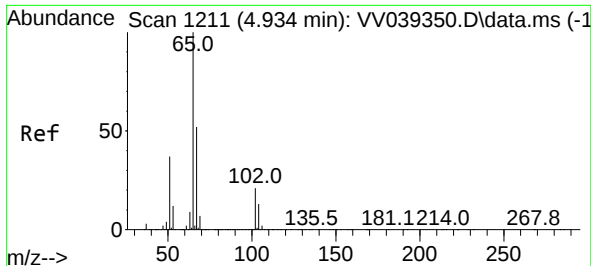
Tgt Ion: 56 Resp: 398160
Ion Ratio Lower Upper
56 100
69 34.6 27.7 41.5
84 90.3 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 47.347 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. -0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 97 Resp: 643640
Ion Ratio Lower Upper
97 100
99 62.0 49.9 74.9
61 42.5 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 47.276 ug/l

RT: 4.934 min Scan# 1211

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

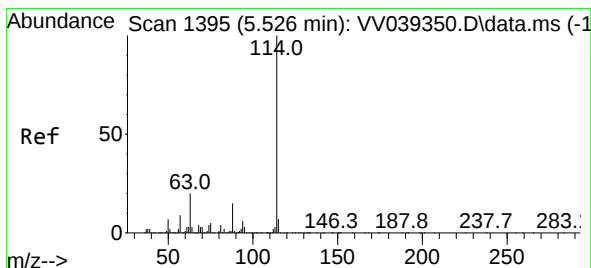
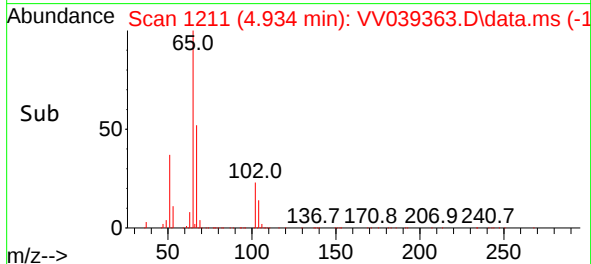
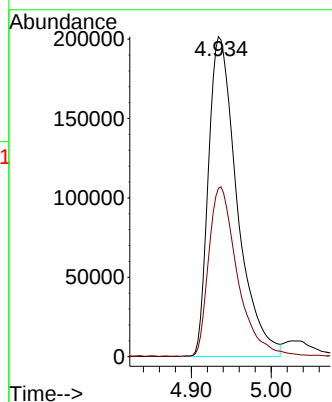
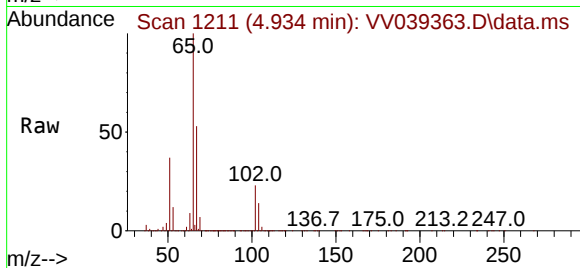
VSTDCCC050

Tgt Ion: 65 Resp: 500940

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.003 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

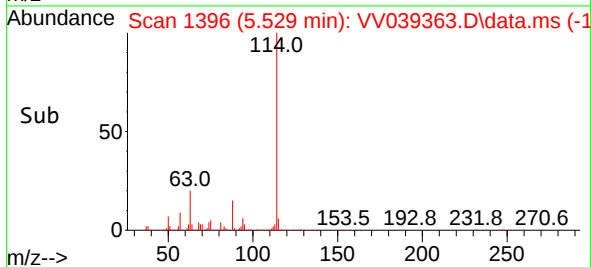
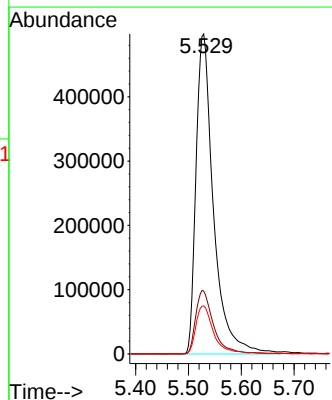
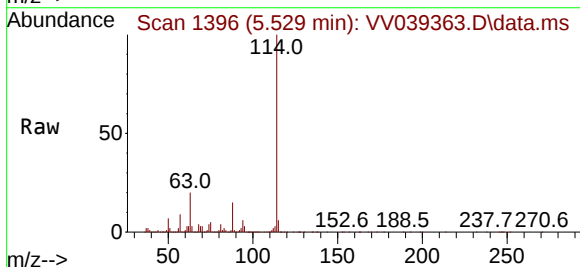
Tgt Ion: 114 Resp: 1143490

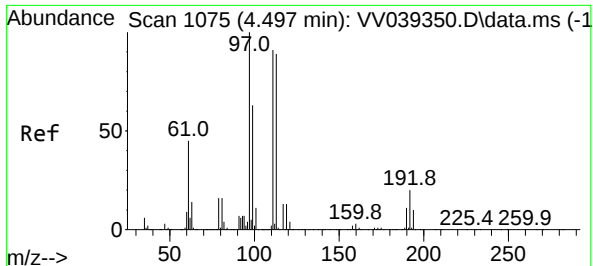
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.0 0.0 30.2

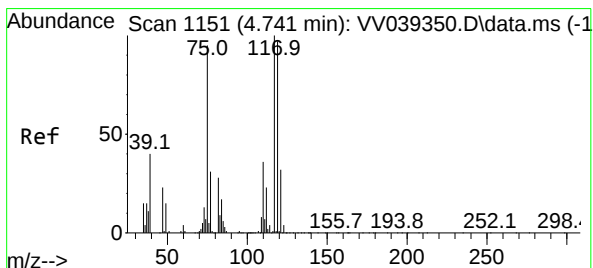
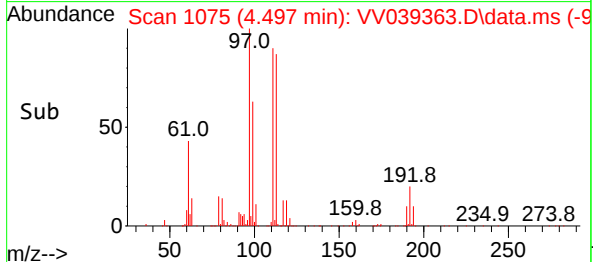
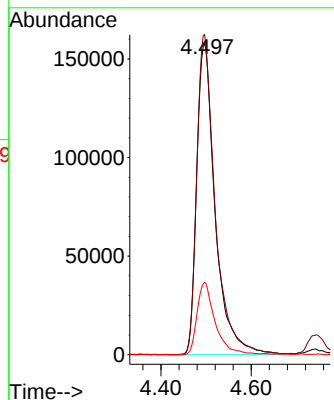
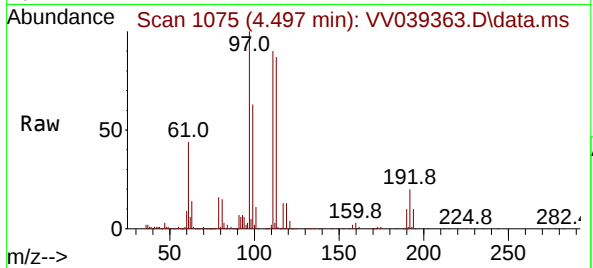




#35
Dibromofluoromethane
Concen: 51.272 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

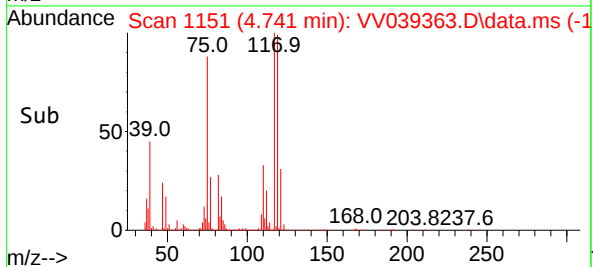
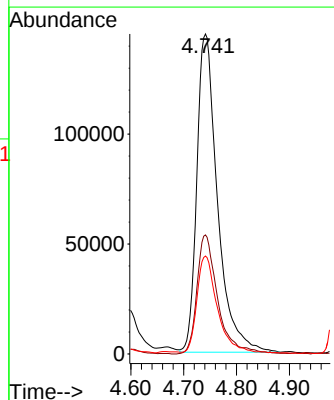
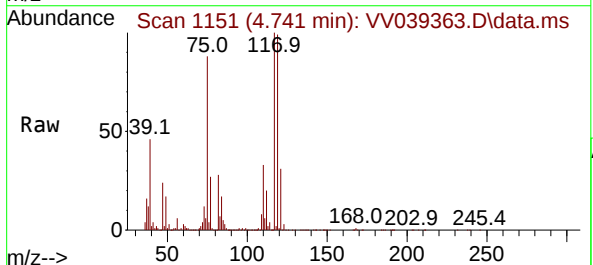
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

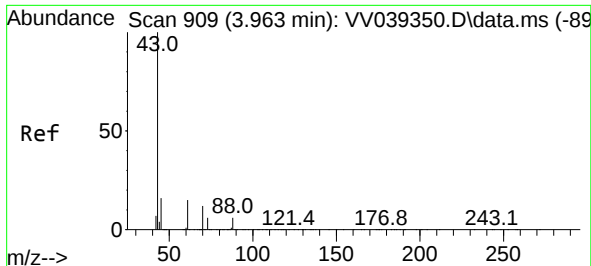
Tgt Ion:113 Resp: 449682
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.3 17.8 26.8



#36
1,1-Dichloropropene
Concen: 52.184 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 75 Resp: 394208
Ion Ratio Lower Upper
75 100
110 37.5 18.1 54.4
77 29.5 24.0 36.0

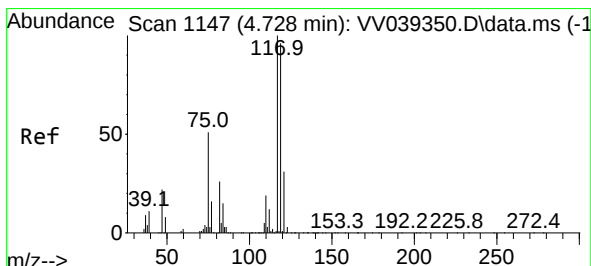
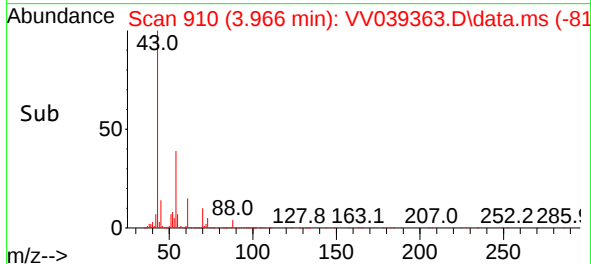
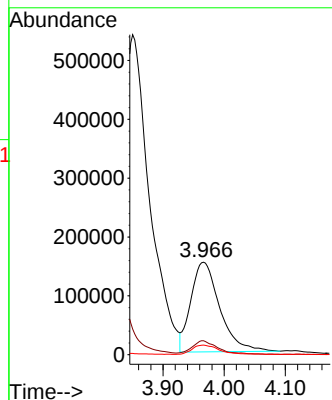
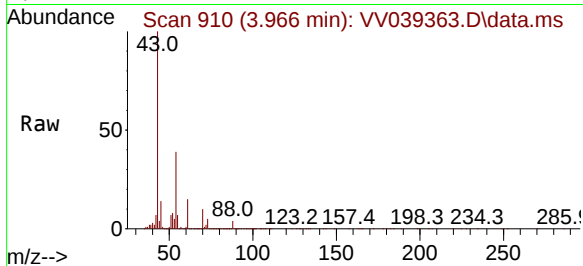




#37
Ethyl Acetate
Concen: 43.323 ug/l
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

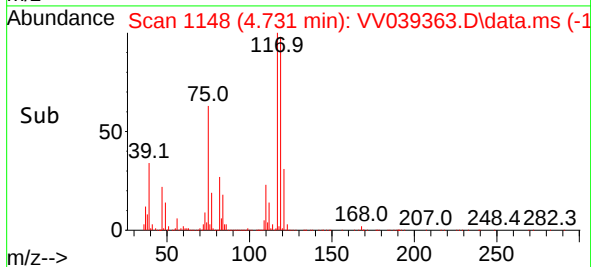
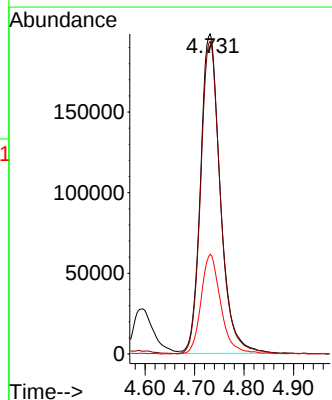
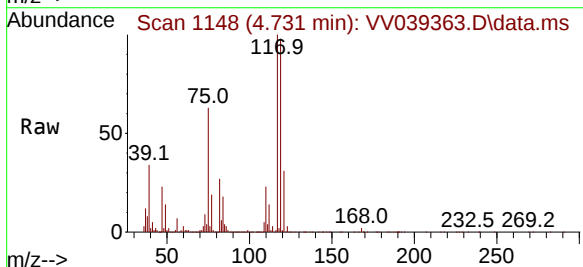
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

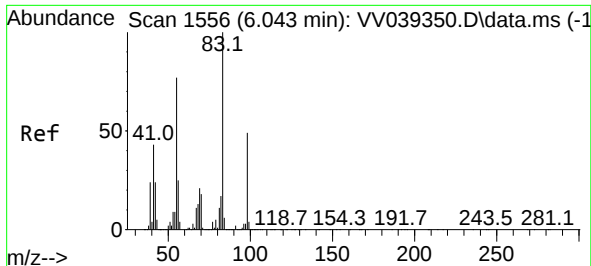
Tgt Ion: 43 Resp: 502754
Ion Ratio Lower Upper
43 100
61 13.4 9.3 13.9
70 9.5 7.0 10.4



#38
Carbon Tetrachloride
Concen: 49.060 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 117 Resp: 550510
Ion Ratio Lower Upper
117 100
119 97.7 76.1 114.1
121 31.1 25.0 37.4

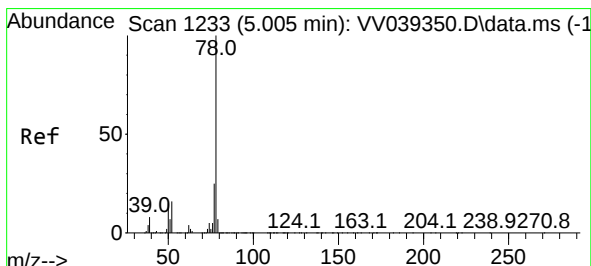
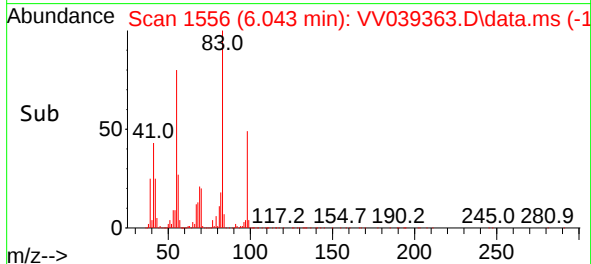
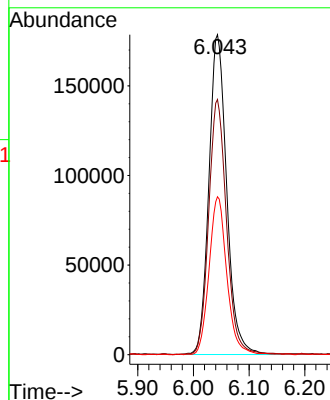
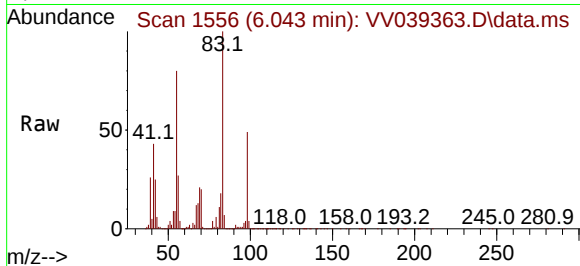




#39
Methylcyclohexane
Concen: 49.208 ug/l
RT: 6.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

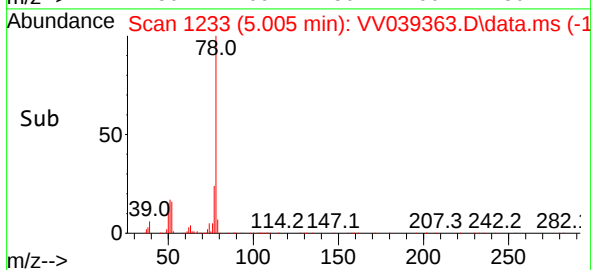
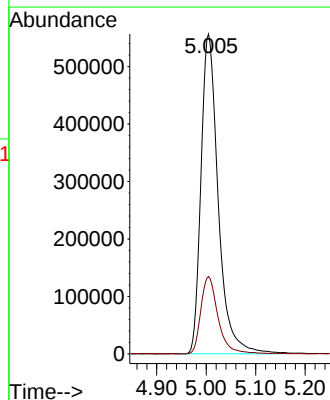
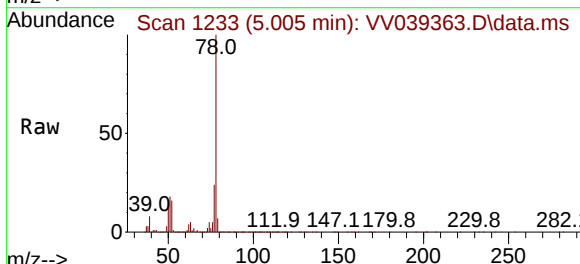
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

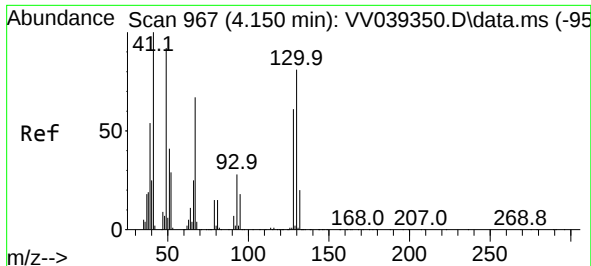
Tgt Ion: 83 Resp: 395759
Ion Ratio Lower Upper
83 100
55 79.7 61.3 91.9
98 49.3 39.0 58.6



#40
Benzene
Concen: 50.903 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 78 Resp: 1344689
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



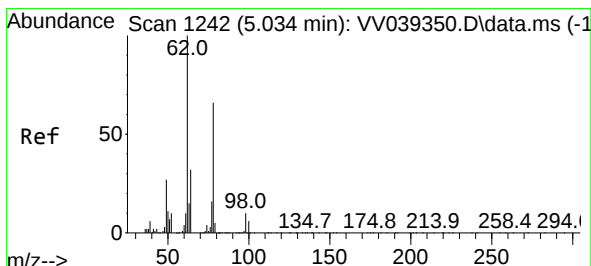
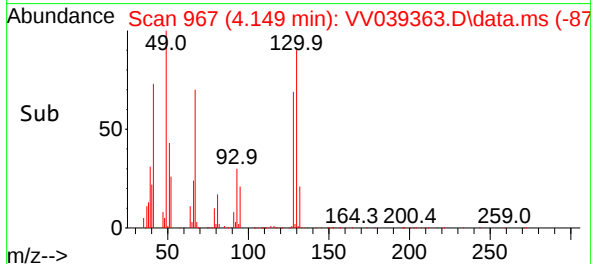
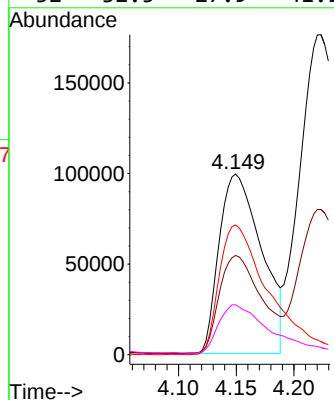
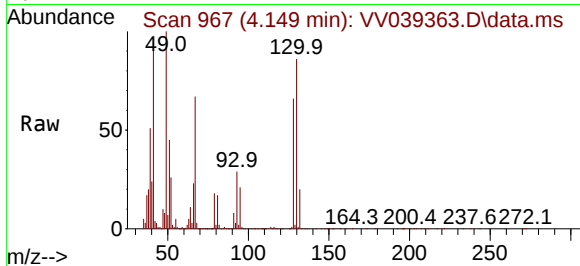


#41
Methacrylonitrile
Concen: 61.235 ug/l
RT: 4.149 min Scan# 967
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 253769

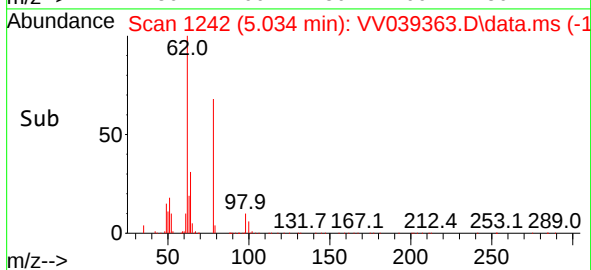
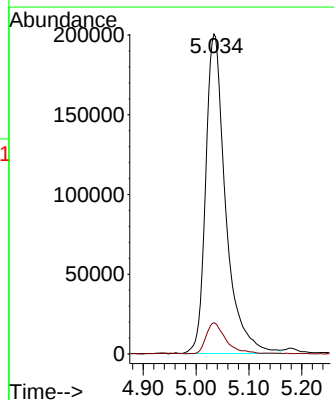
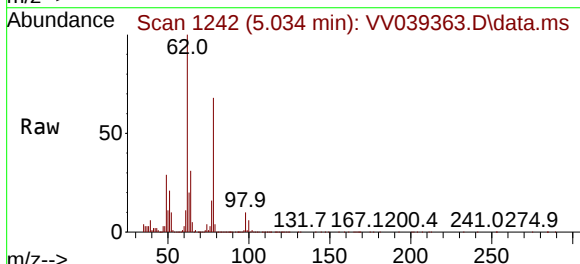
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.3	66.5
67	87.5	71.4	107.2
52	32.5	27.9	41.9

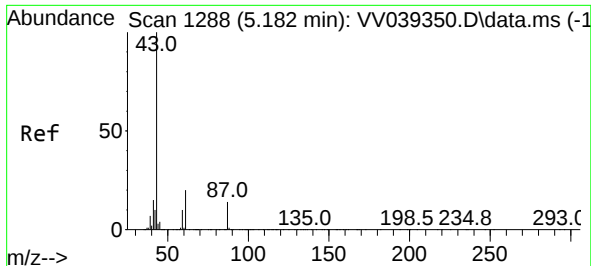


#42
1,2-Dichloroethane
Concen: 51.112 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 62 Resp: 526184

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

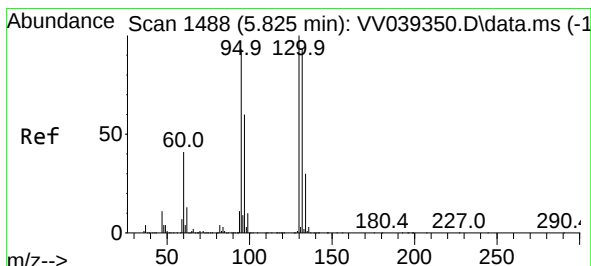
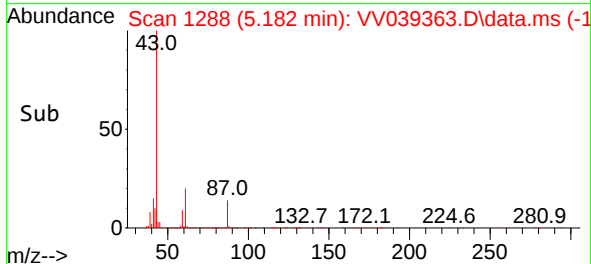
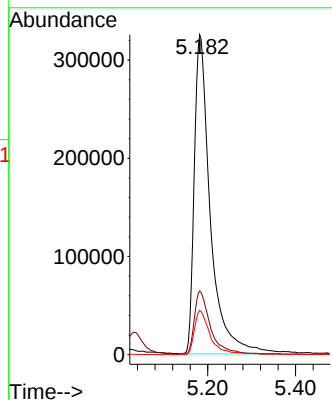
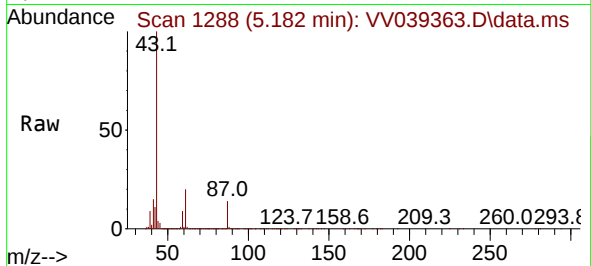




#43
Isopropyl Acetate
Concen: 53.443 ug/l
RT: 5.182 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

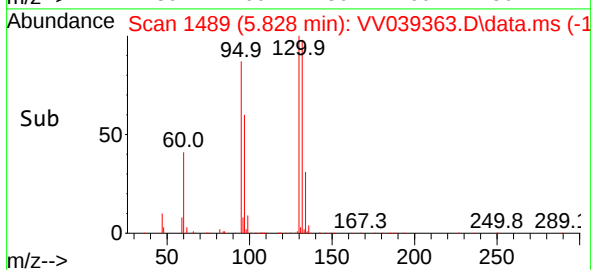
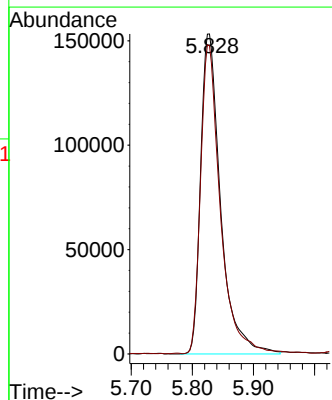
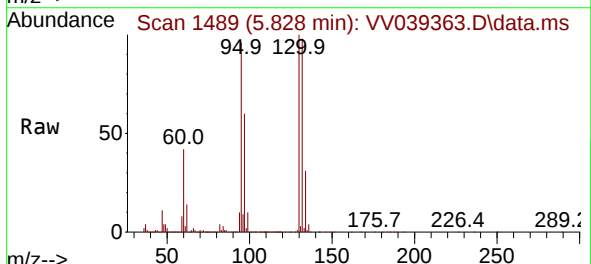
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

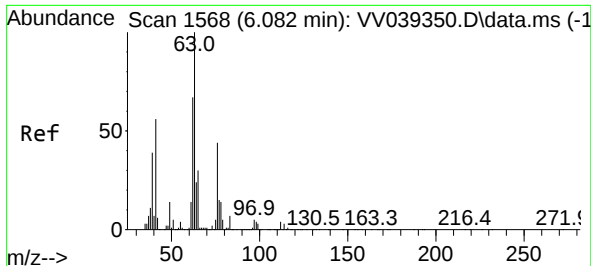
Tgt Ion: 43 Resp: 826211
Ion Ratio Lower Upper
43 100
61 19.3 15.7 23.5
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 48.447 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion:130 Resp: 347271
Ion Ratio Lower Upper
130 100
95 96.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.134 ug/l

RT: 6.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

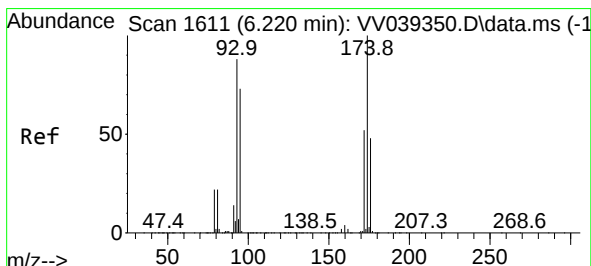
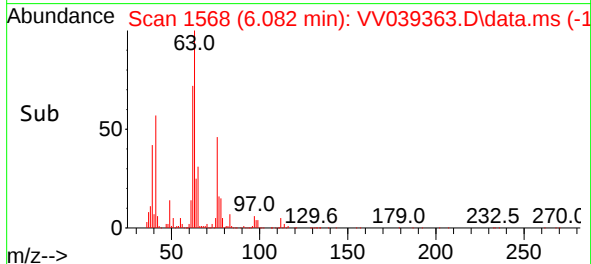
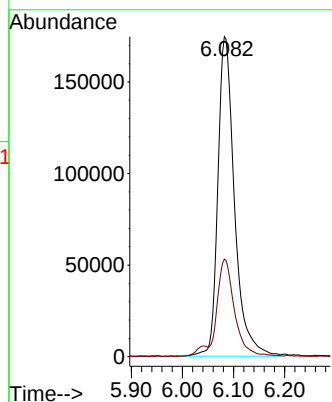
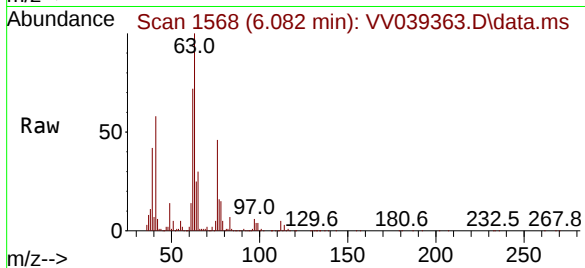
VSTDCCC050

Tgt Ion: 63 Resp: 394085

Ion Ratio Lower Upper

63 100

65 30.4 23.9 35.9



#46

Dibromomethane

Concen: 48.700 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

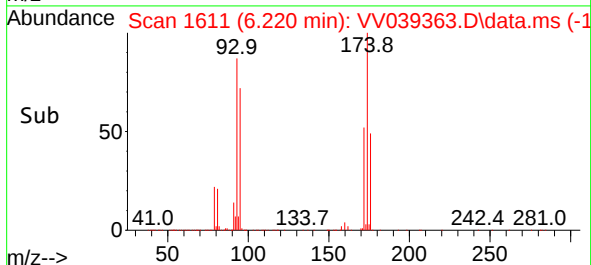
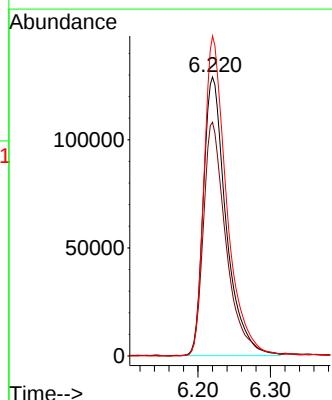
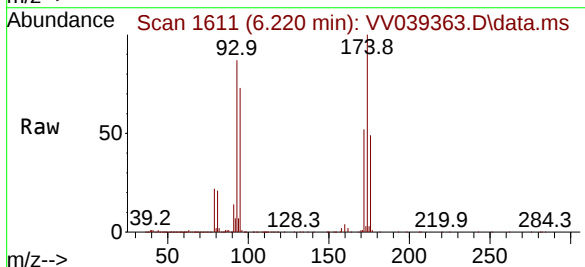
Tgt Ion: 93 Resp: 279914

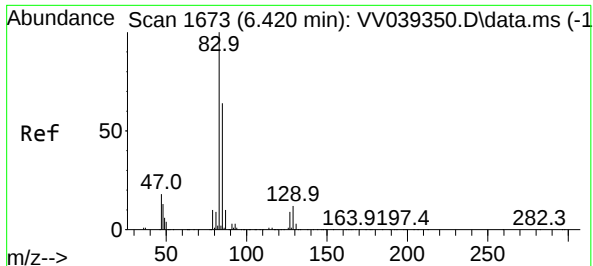
Ion Ratio Lower Upper

93 100

95 84.3 65.9 98.9

174 114.2 91.4 137.0





#47

Bromodichloromethane

Concen: 50.896 ug/l

RT: 6.419 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

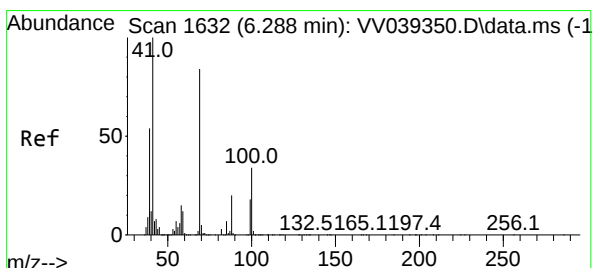
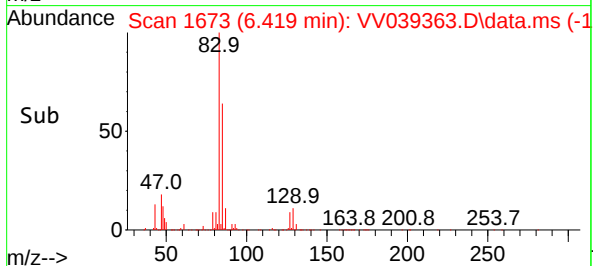
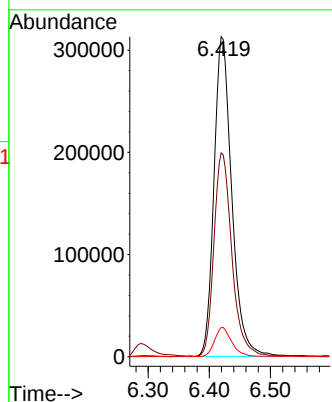
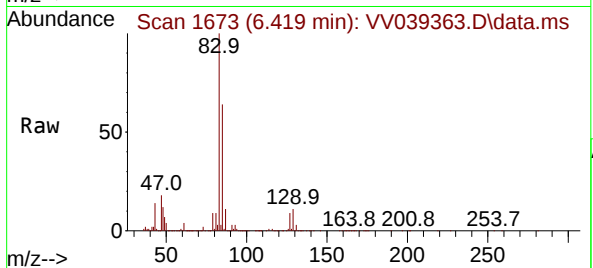
Tgt Ion: 83 Resp: 633549

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.4

127 9.1 7.3 10.9



#48

Methyl methacrylate

Concen: 53.834 ug/l

RT: 6.291 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

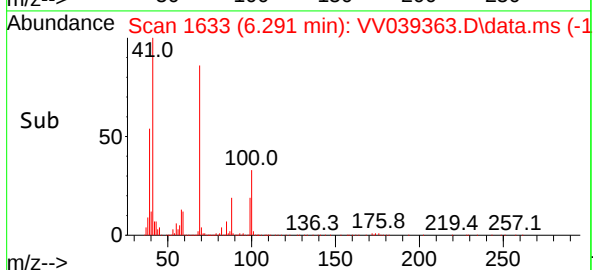
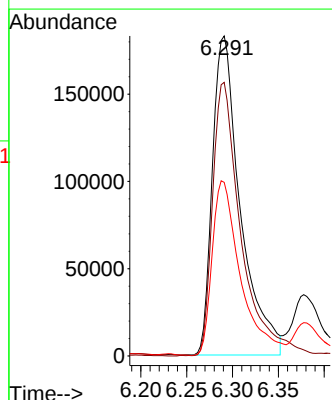
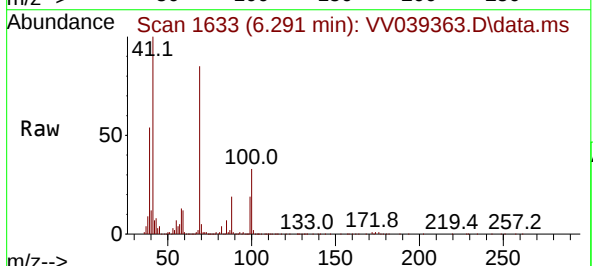
Tgt Ion: 41 Resp: 387610

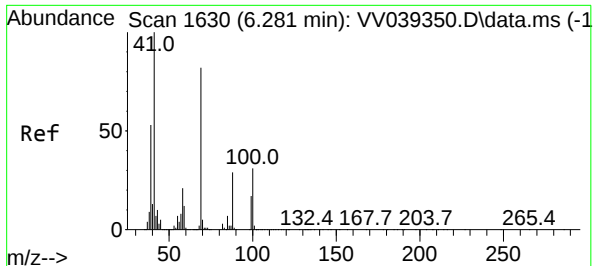
Ion Ratio Lower Upper

41 100

69 87.2 69.1 103.7

39 55.4 42.8 64.2





#49

1,4-Dioxane

Concen: 886.714 ug/l

RT: 6.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

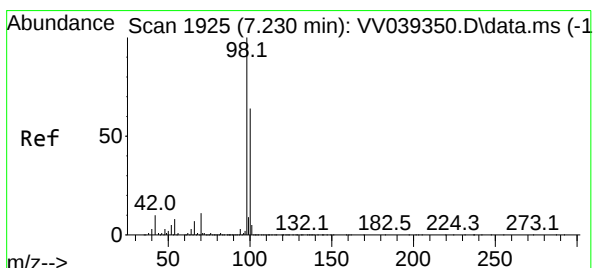
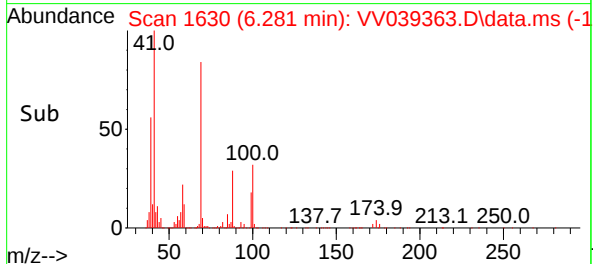
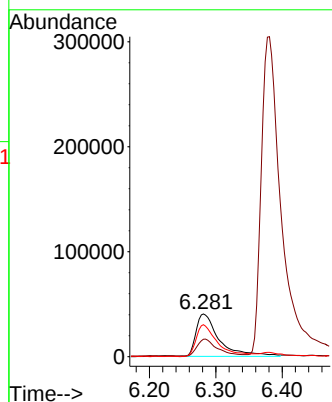
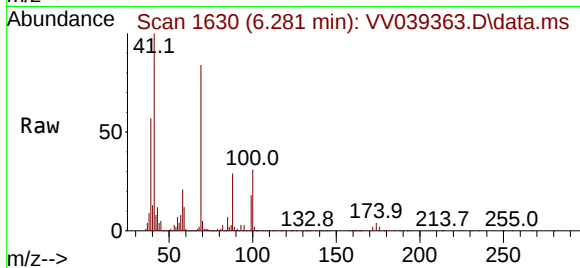
Tgt Ion: 88 Resp: 98336

Ion Ratio Lower Upper

88 100

43 34.6 26.6 40.0

58 70.0 55.4 83.0



#50

Toluene-d8

Concen: 50.953 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039363.D

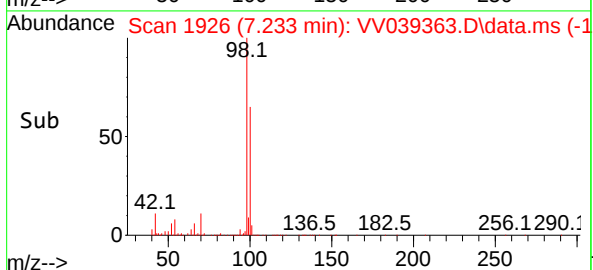
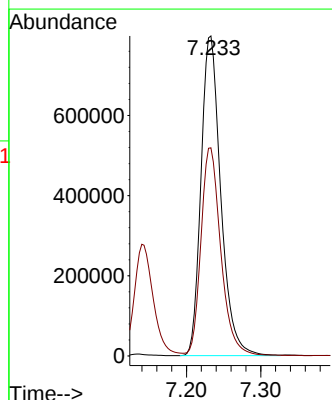
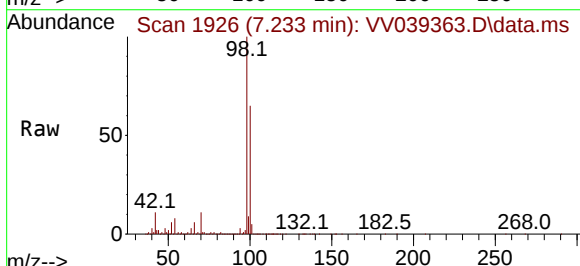
Acq: 12 Nov 2025 08:48

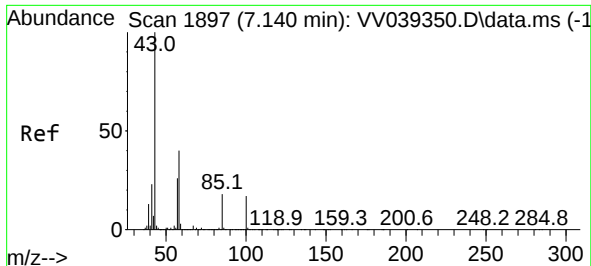
Tgt Ion: 98 Resp: 1476753

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2

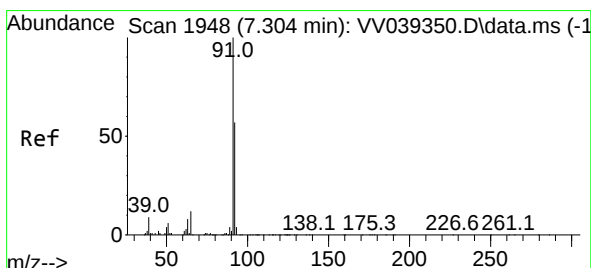
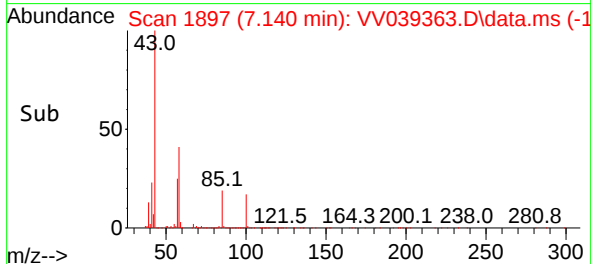
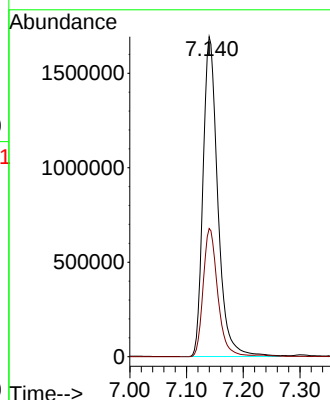
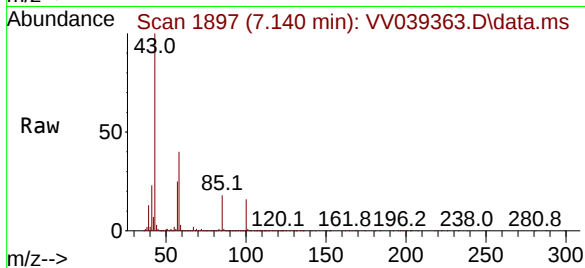




#51
4-Methyl-2-Pentanone
Concen: 290.360 ug/l
RT: 7.140 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

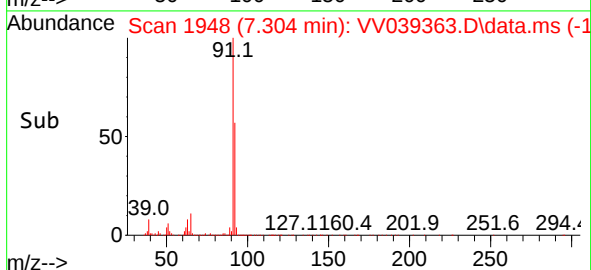
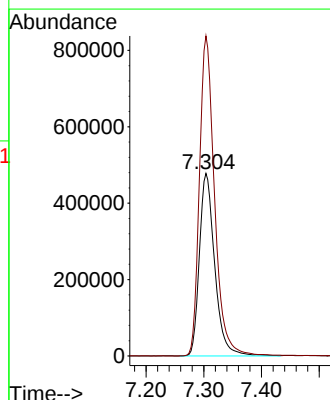
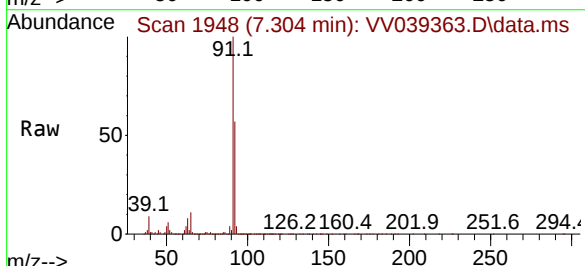
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

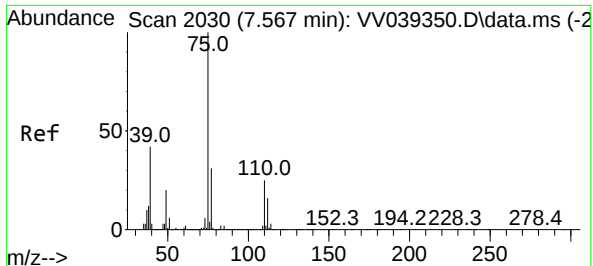
Tgt Ion: 43 Resp: 3068501
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.6



#52
Toluene
Concen: 53.182 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 92 Resp: 880372
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 54.436 ug/l

RT: 7.567 min Scan# 2030

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

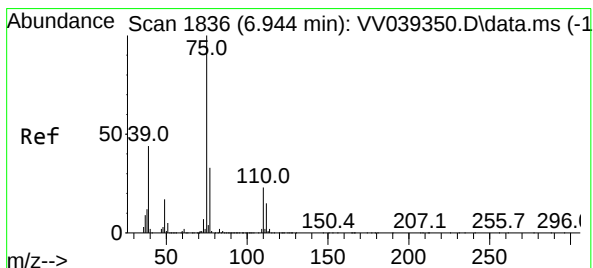
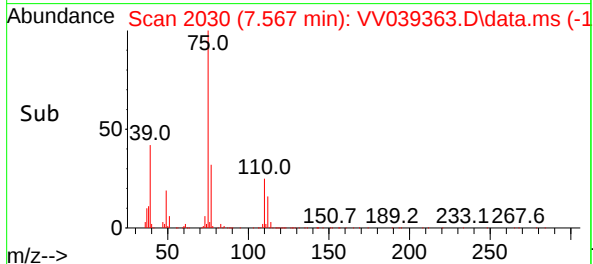
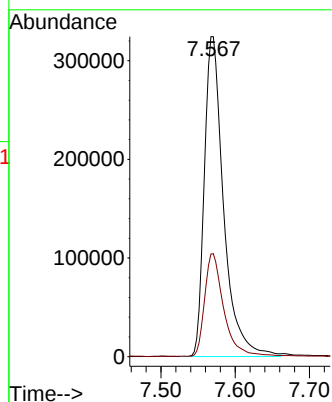
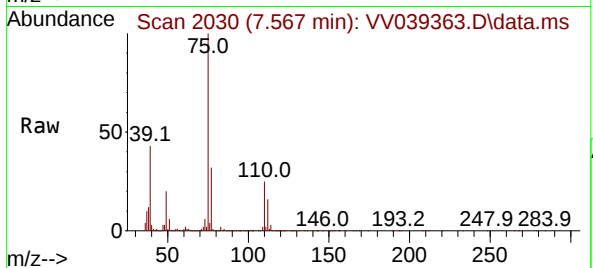
VSTDCCC050

Tgt Ion: 75 Resp: 583011

Ion Ratio Lower Upper

75 100

77 31.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 55.715 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

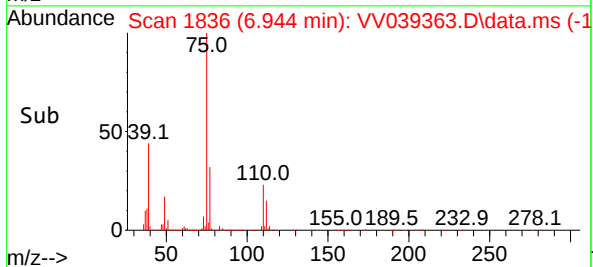
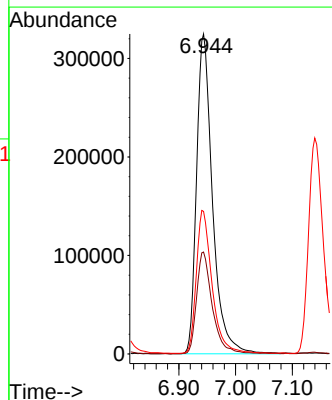
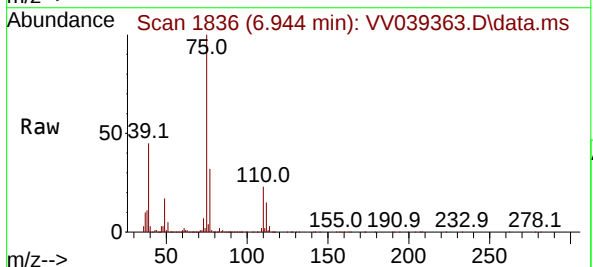
Tgt Ion: 75 Resp: 633499

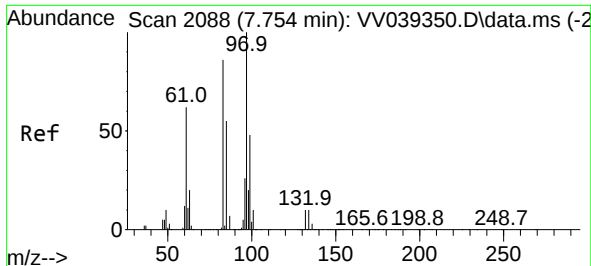
Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5

39 44.3 35.5 53.3

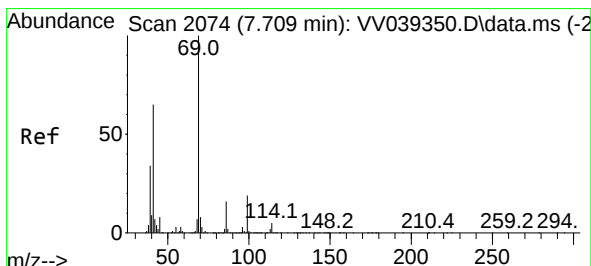
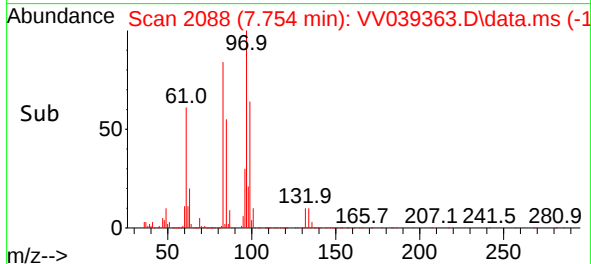
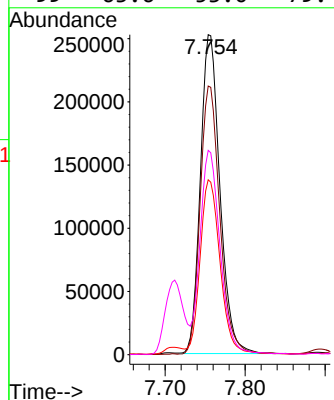
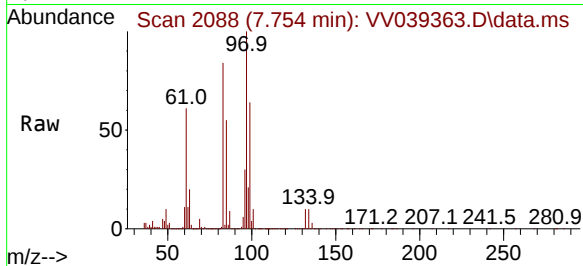




#55
 1,1,2-Trichloroethane
 Concen: 51.274 ug/l
 RT: 7.754 min Scan# 2088
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

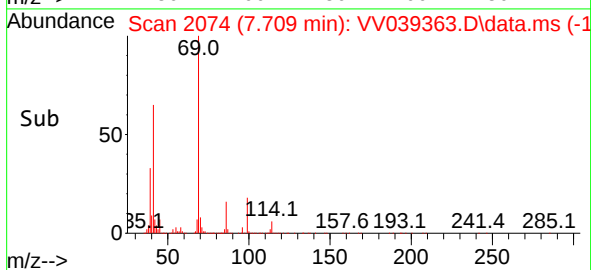
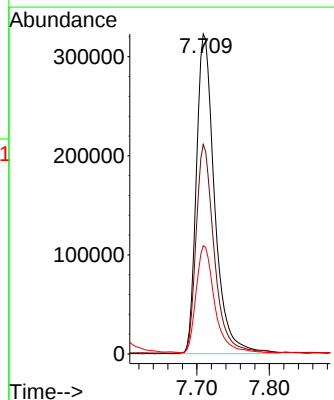
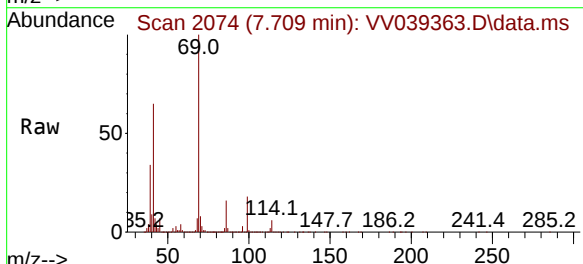
Instrument : MSVOA_V
 ClientSampleId : VSTDCCC050

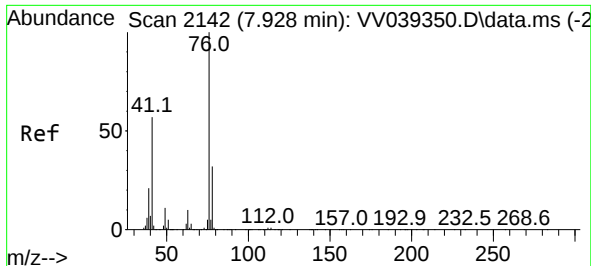
Tgt Ion:	97	Resp:	429751
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.8	103.2
85	54.5	45.2	67.8
99	63.6	53.0	79.4



#56
 Ethyl methacrylate
 Concen: 55.778 ug/l
 RT: 7.709 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

Tgt Ion:	69	Resp:	564464
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.5	78.7
39	33.8	26.7	40.1





#57

1,3-Dichloropropane

Concen: 52.532 ug/l

RT: 7.927 min Scan# 2142

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

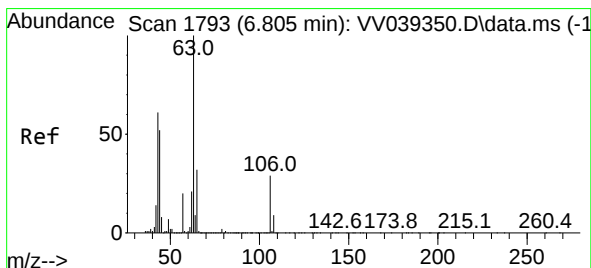
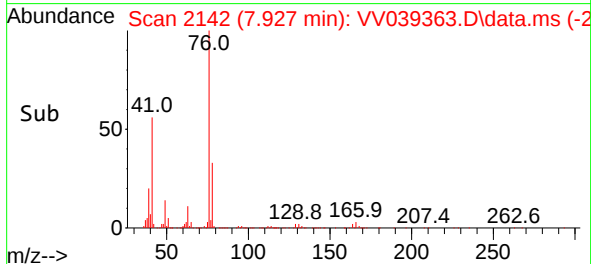
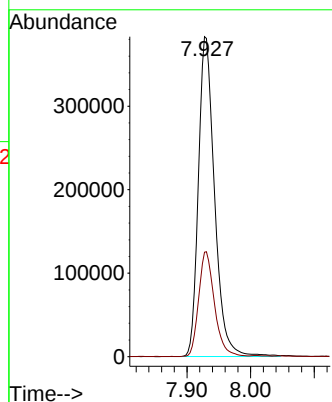
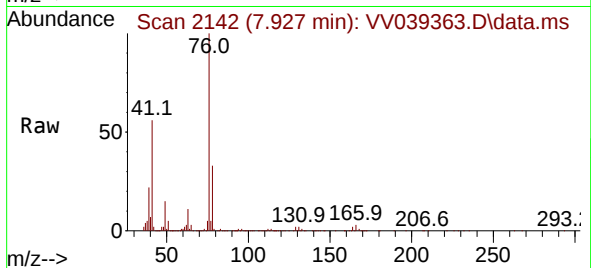
VSTDCCC050

Tgt Ion: 76 Resp: 677151

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 565.691 ug/l

RT: 6.805 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VV039363.D

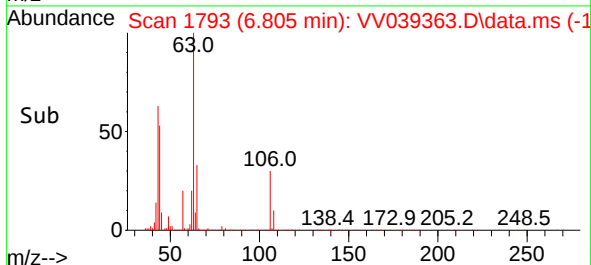
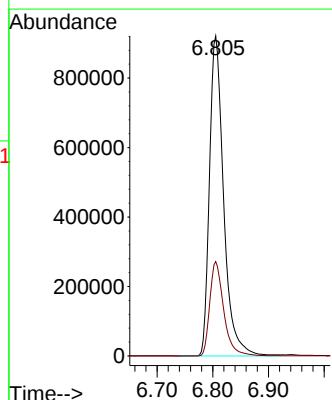
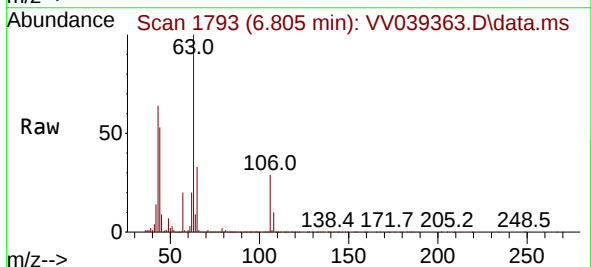
Acq: 12 Nov 2025 08:48

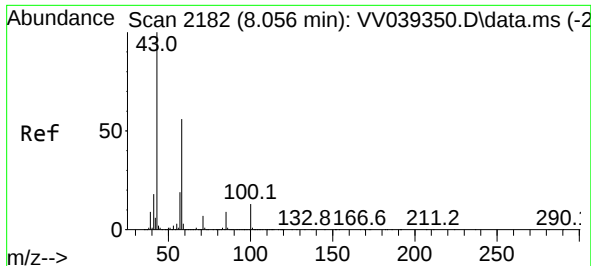
Tgt Ion: 63 Resp: 1627932

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9





#59

2-Hexanone

Concen: 308.484 ug/l

RT: 8.056 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

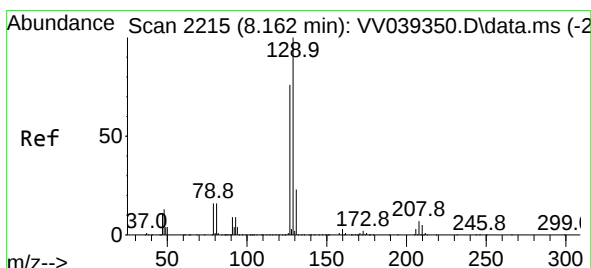
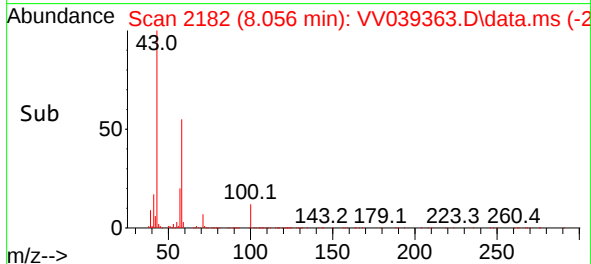
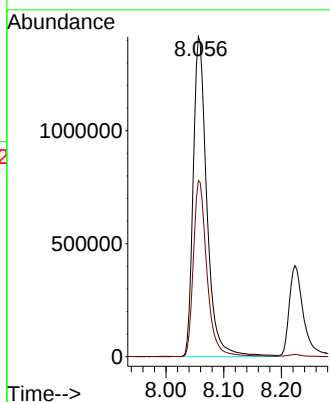
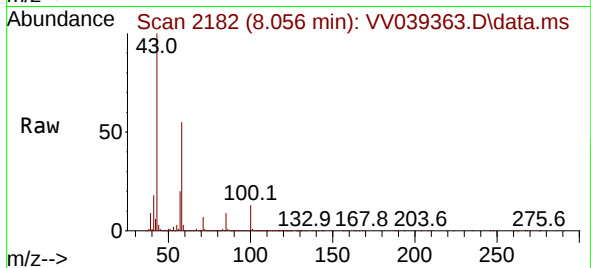
VSTDCCC050

Tgt Ion: 43 Resp: 2329918

Ion Ratio Lower Upper

43 100

58 54.5 27.7 83.1



#60

Dibromochloromethane

Concen: 51.121 ug/l

RT: 8.162 min Scan# 2215

Delta R.T. -0.000 min

Lab File: VV039363.D

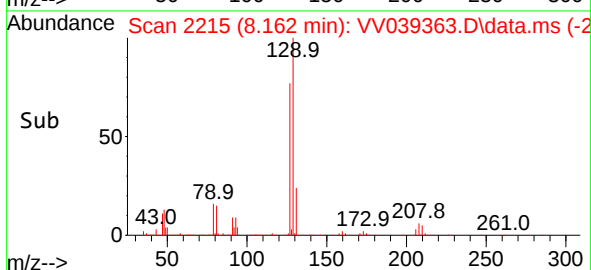
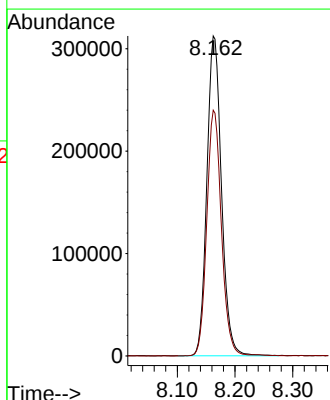
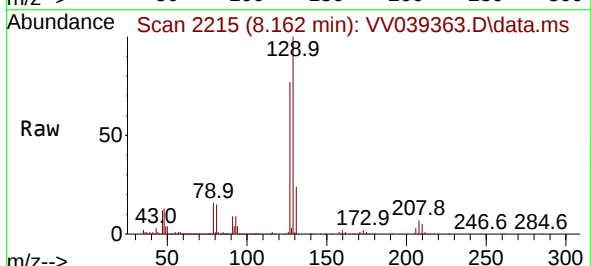
Acq: 12 Nov 2025 08:48

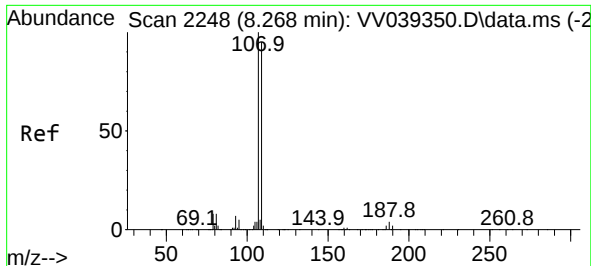
Tgt Ion: 129 Resp: 549035

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.7

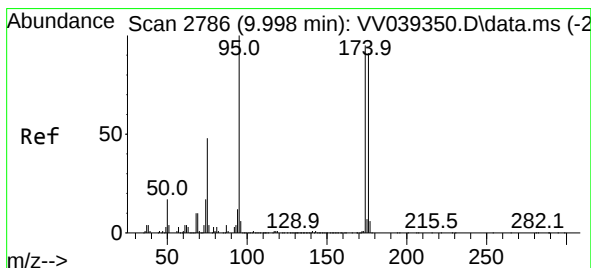
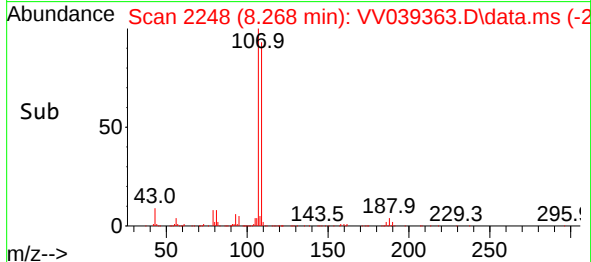
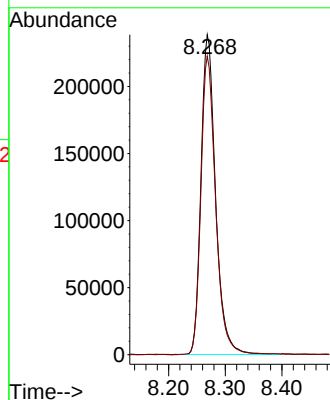
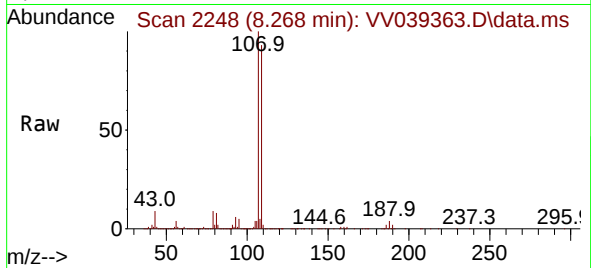




#61
1,2-Dibromoethane
Concen: 52.141 ug/l
RT: 8.268 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

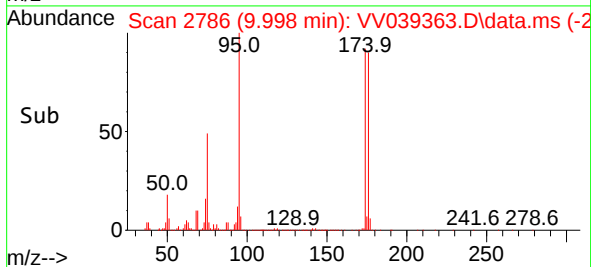
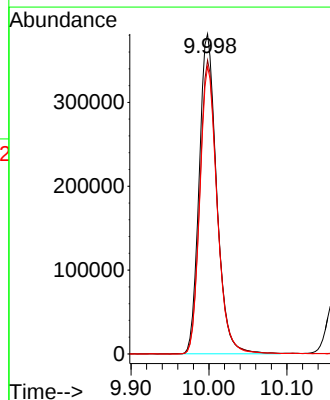
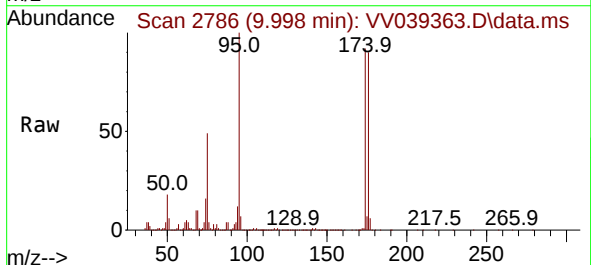
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

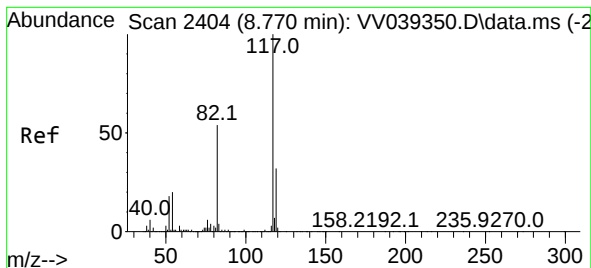
Tgt Ion:107 Resp: 425970
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.351 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 95 Resp: 594144
Ion Ratio Lower Upper
95 100
174 91.8 0.0 187.6
176 89.0 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

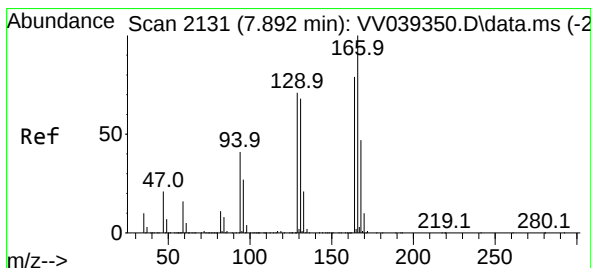
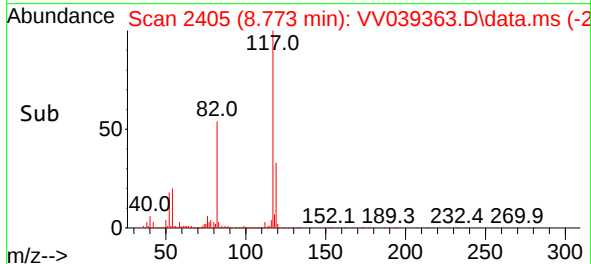
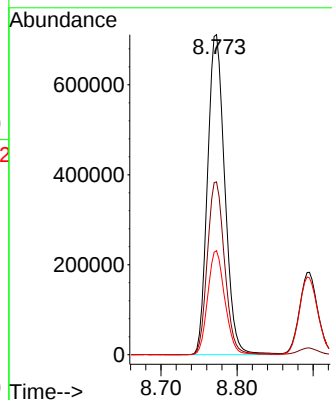
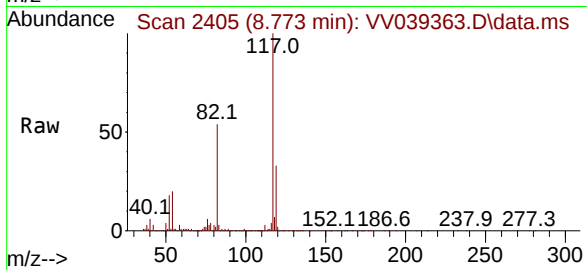
Tgt Ion:117 Resp: 1121682

Ion Ratio Lower Upper

117 100

82 54.0 42.9 64.3

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 46.574 ug/l

RT: 7.892 min Scan# 2131

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Tgt Ion:164 Resp: 322865

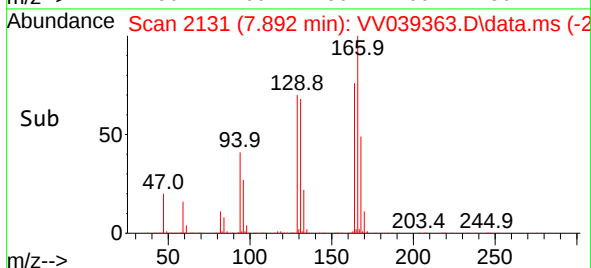
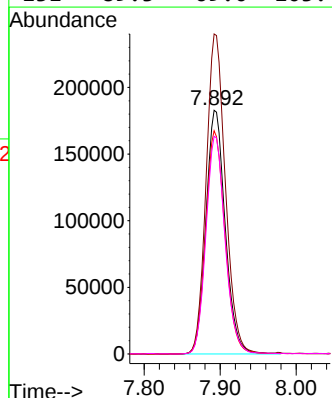
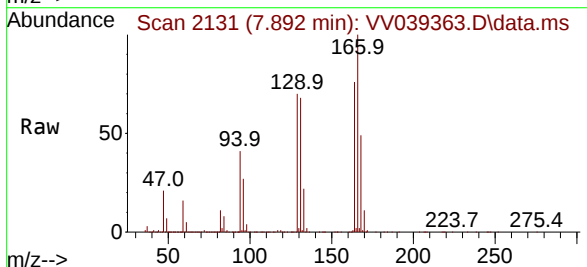
Ion Ratio Lower Upper

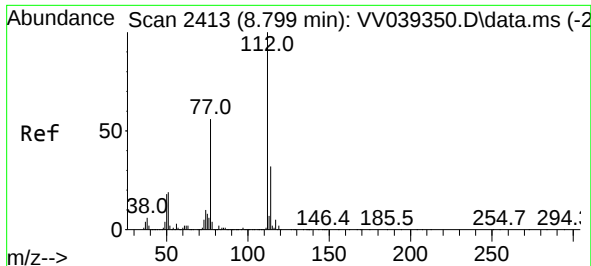
164 100

166 131.3 101.9 152.9

129 91.6 71.8 107.8

131 89.3 69.0 103.4

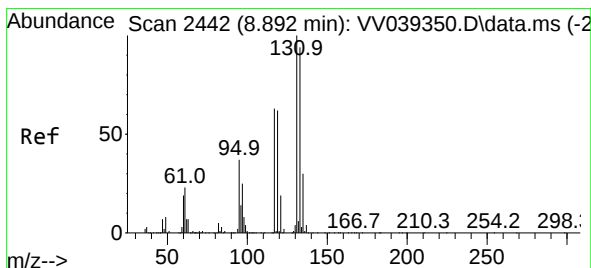
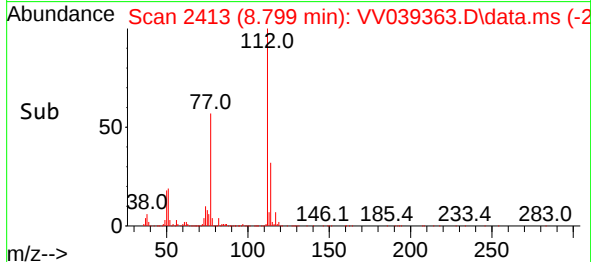
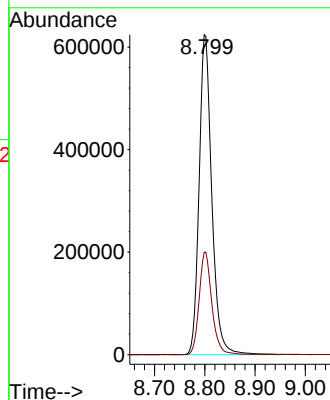
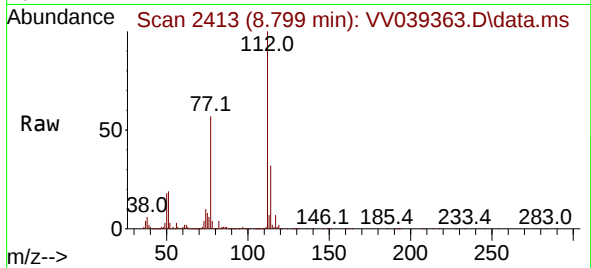




#65
Chlorobenzene
Concen: 49.049 ug/l
RT: 8.799 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

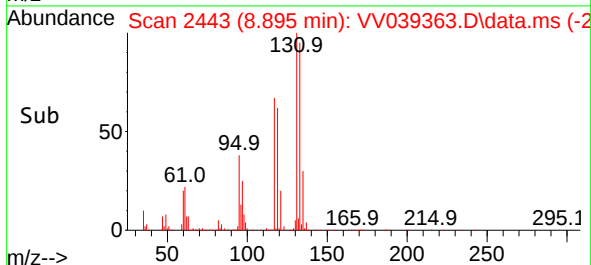
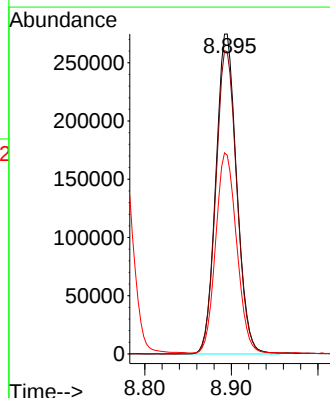
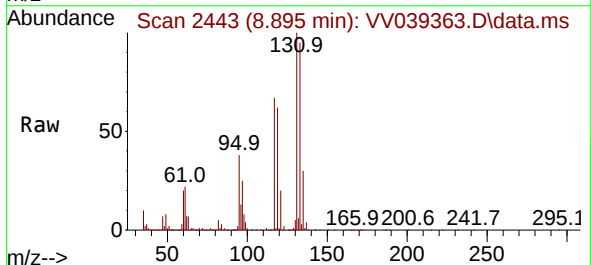
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

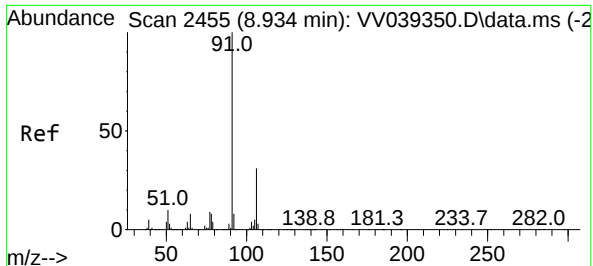
Tgt Ion:112 Resp: 1095232
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.357 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion:131 Resp: 459860
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 62.9 31.6 94.8





#67

Ethyl Benzene

Concen: 52.754 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

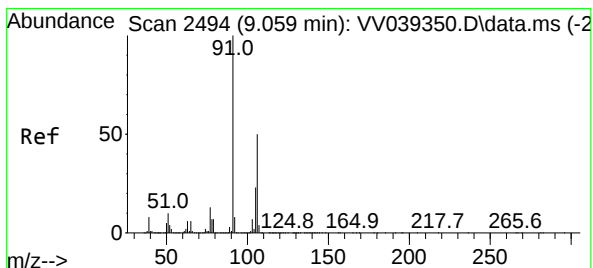
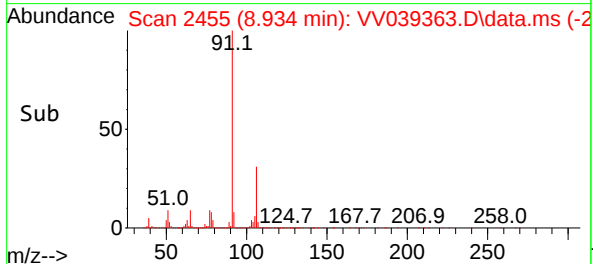
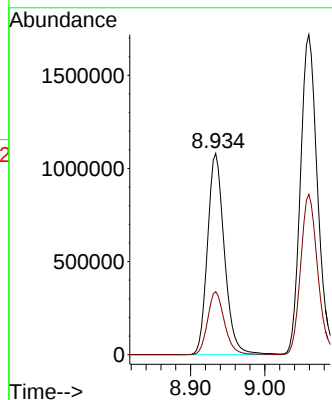
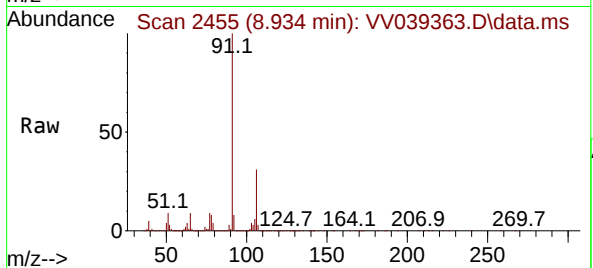
VSTDCCC050

Tgt Ion: 91 Resp: 1703829

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 113.167 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.000 min

Lab File: VV039363.D

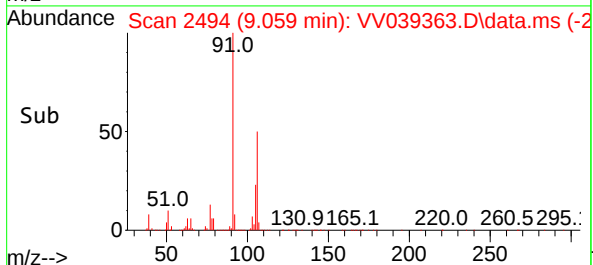
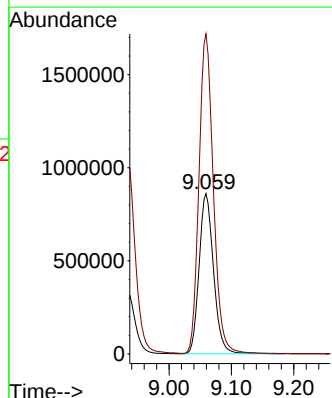
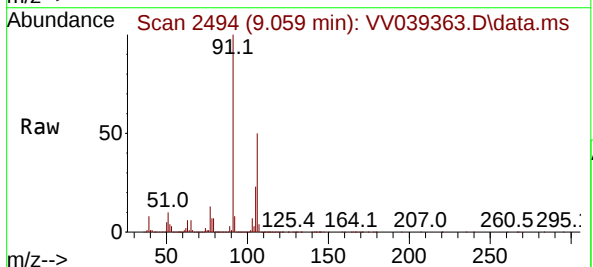
Acq: 12 Nov 2025 08:48

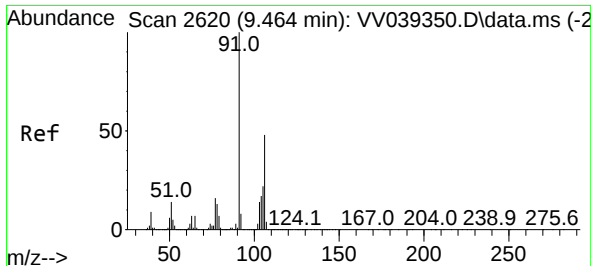
Tgt Ion:106 Resp: 1380306

Ion Ratio Lower Upper

106 100

91 199.7 161.5 242.3

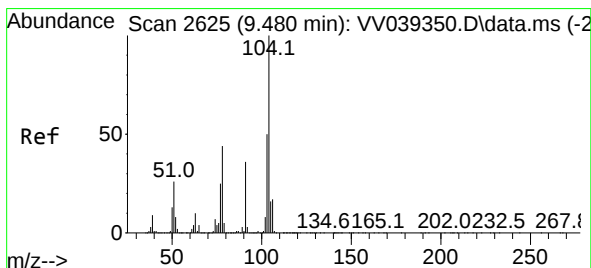
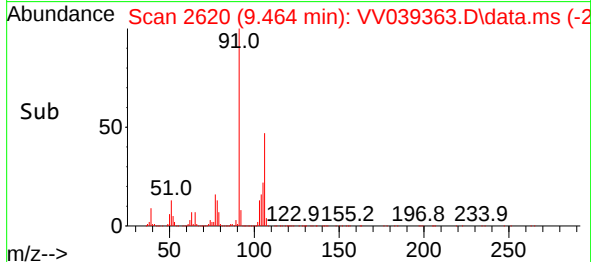
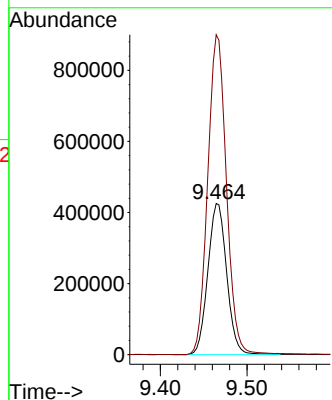
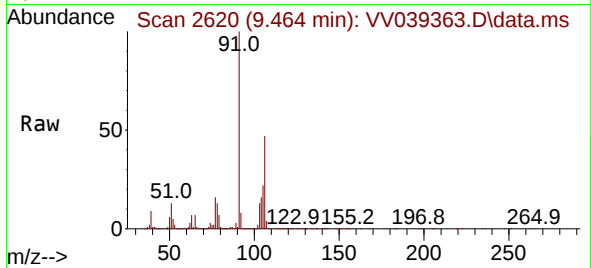




#69
o-Xylene
Concen: 55.671 ug/l
RT: 9.464 min Scan# 2620
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

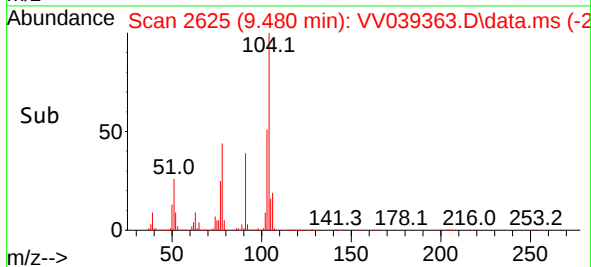
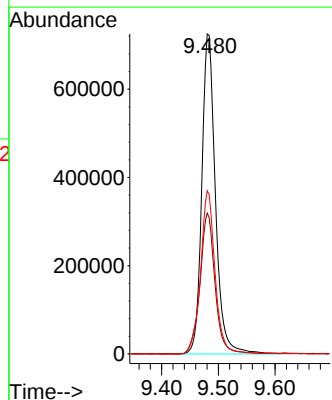
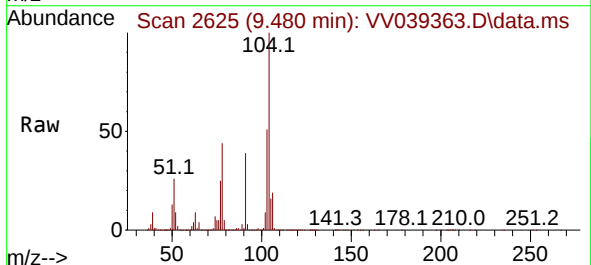
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

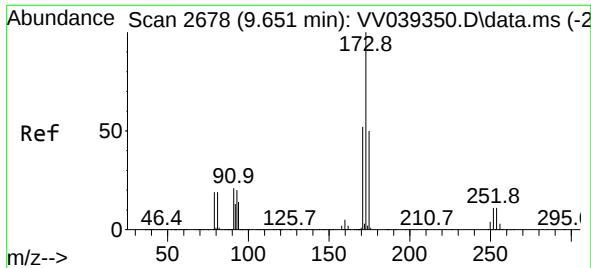
Tgt Ion:106 Resp: 642432
Ion Ratio Lower Upper
106 100
91 210.5 105.9 317.7



#70
Styrene
Concen: 58.837 ug/l
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion:104 Resp: 1213786
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.3 43.4 65.2

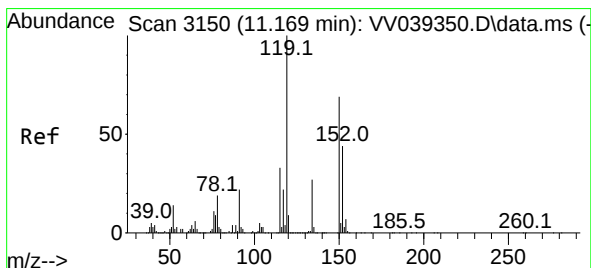
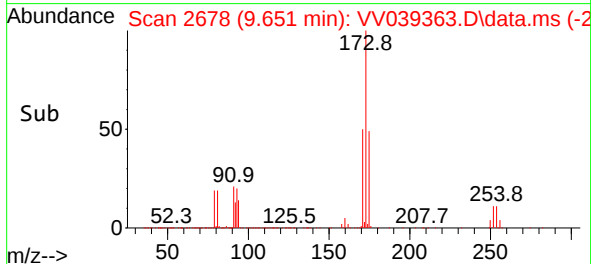
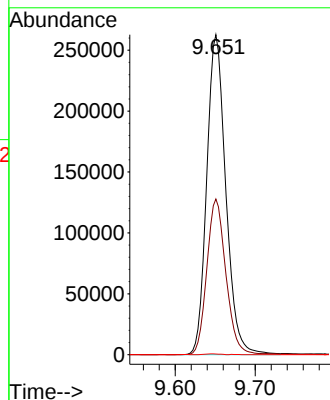
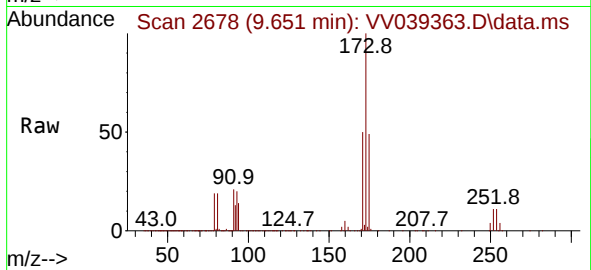




#71
Bromoform
Concen: 50.435 ug/l
RT: 9.651 min Scan# 2678
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

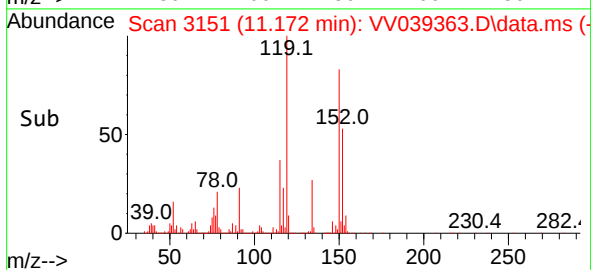
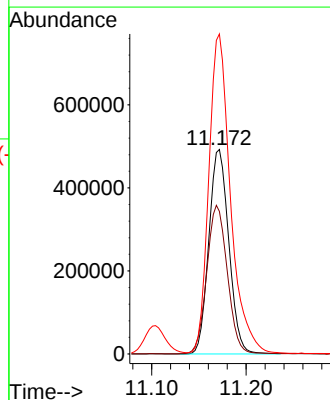
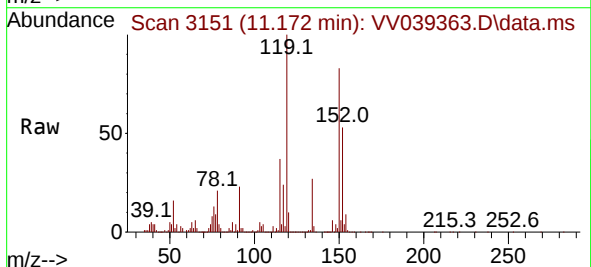
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

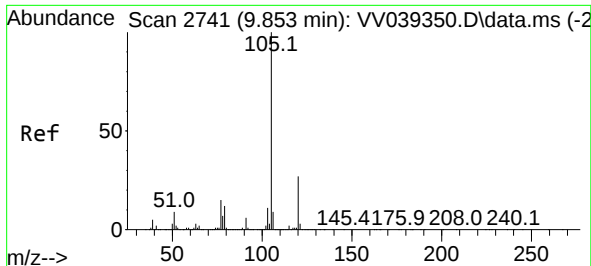
Tgt Ion:173 Resp: 436214
Ion Ratio Lower Upper
173 100
175 48.4 24.5 73.5
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion:152 Resp: 723597
Ion Ratio Lower Upper
152 100
115 74.5 37.3 111.9
150 169.5 0.0 340.4

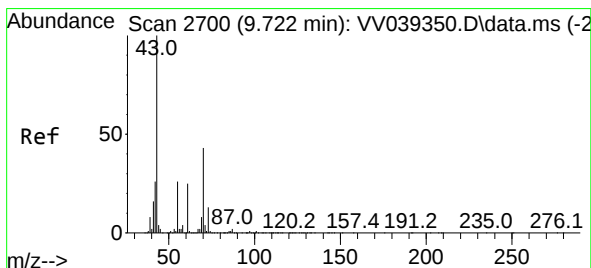
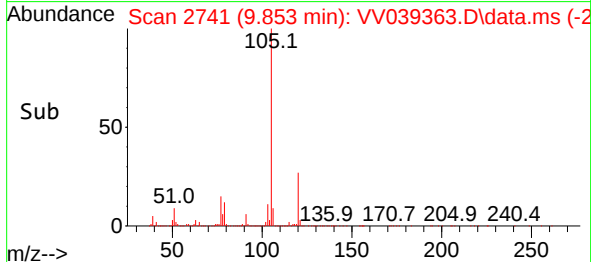
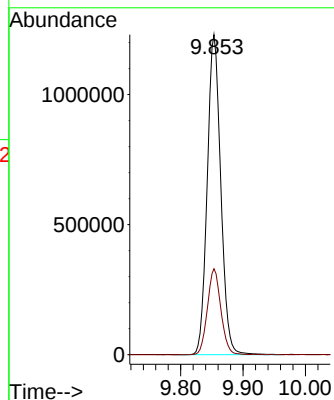
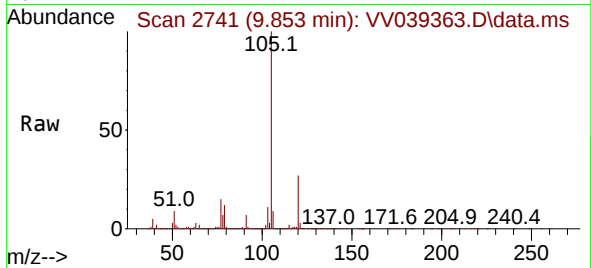




#73
Isopropylbenzene
Concen: 52.455 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

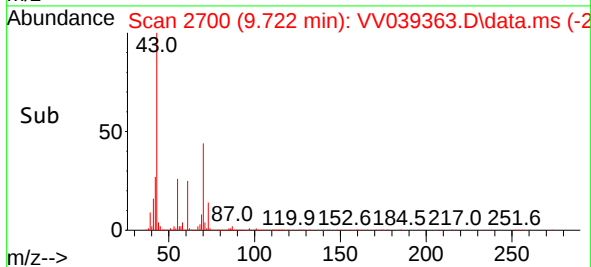
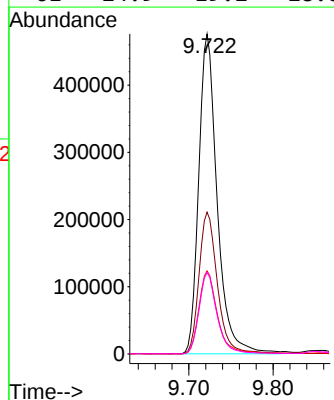
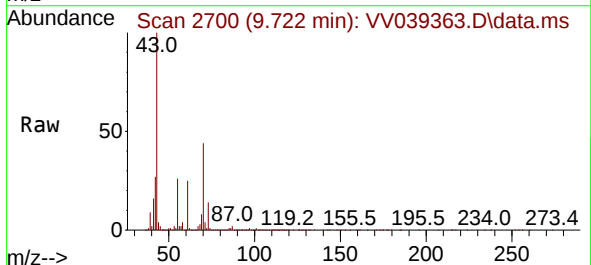
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

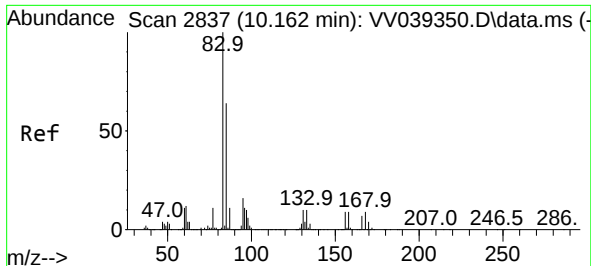
Tgt Ion:105 Resp: 1853393
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 52.325 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 43 Resp: 724443
Ion Ratio Lower Upper
43 100
70 44.7 34.6 51.8
55 26.0 21.0 31.6
61 24.9 19.2 28.8

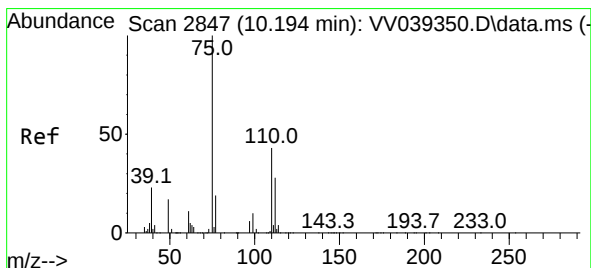
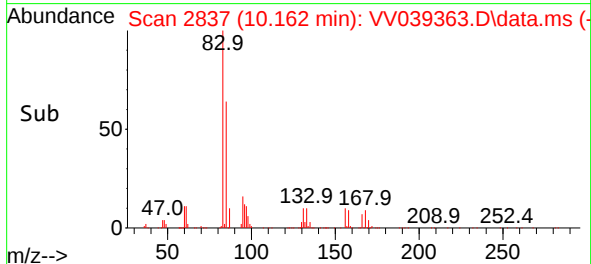
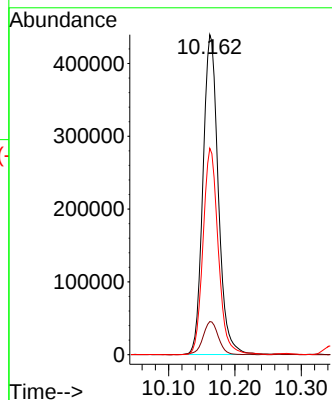
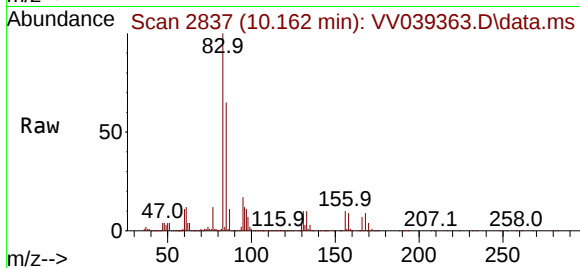




#75
1,1,2,2-Tetrachloroethane
Concen: 45.672 ug/l
RT: 10.162 min Scan# 2837
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

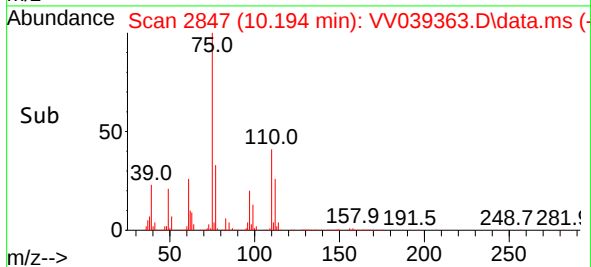
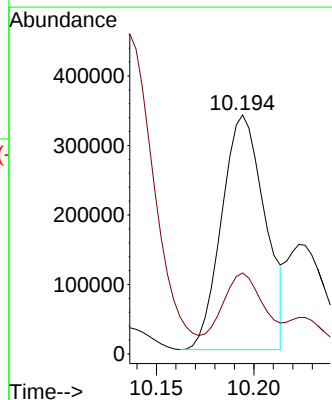
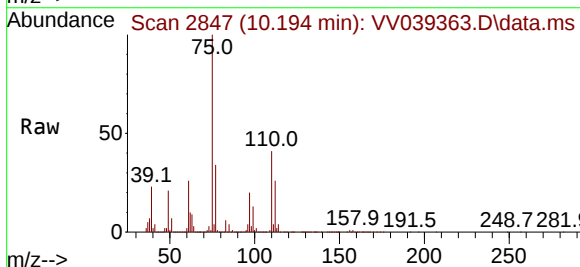
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

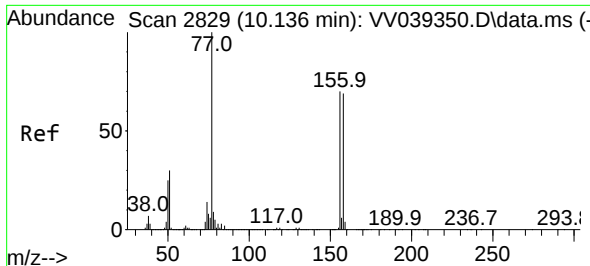
Tgt Ion: 83 Resp: 702847
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 46.504 ug/l
RT: 10.194 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 75 Resp: 522308
Ion Ratio Lower Upper
75 100
77 22.5 11.8 35.3

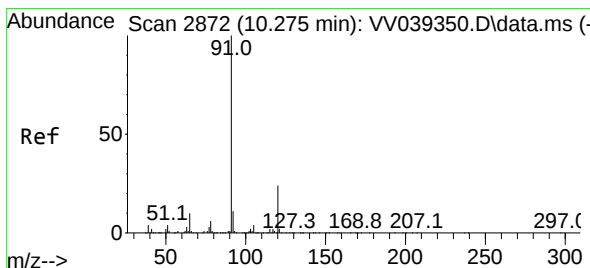
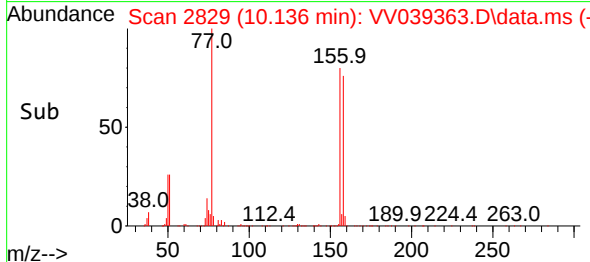
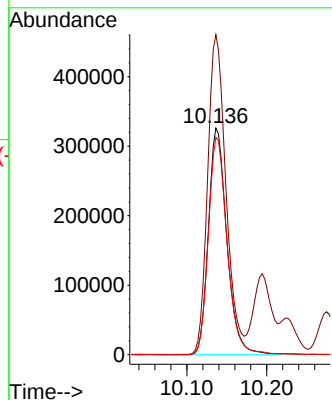
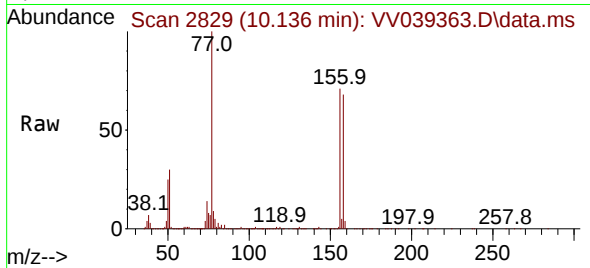




#77
Bromobenzene
Concen: 48.048 ug/l
RT: 10.136 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

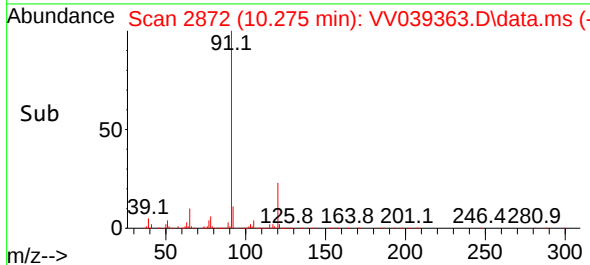
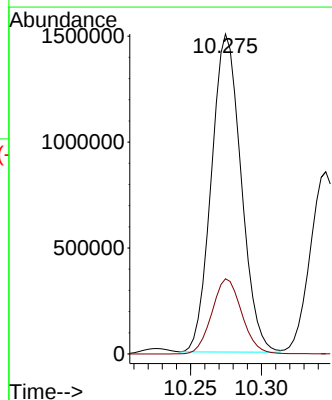
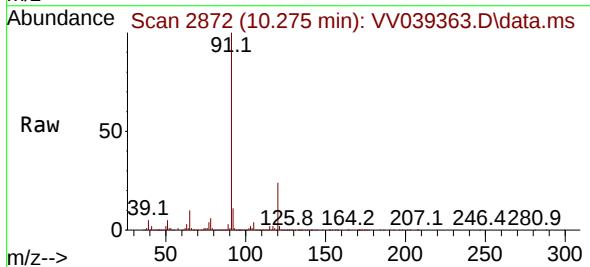
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

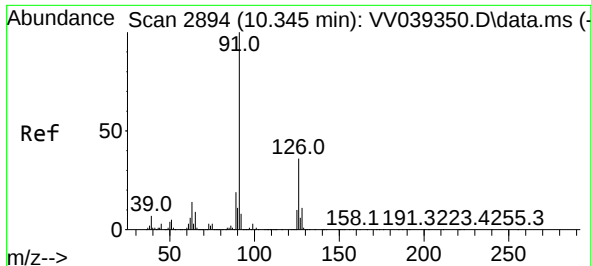
Tgt Ion:156 Resp: 524012
Ion Ratio Lower Upper
156 100
77 139.5 70.3 210.9
158 97.2 49.4 148.0



#78
n-propylbenzene
Concen: 54.022 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 91 Resp: 2186628
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.0

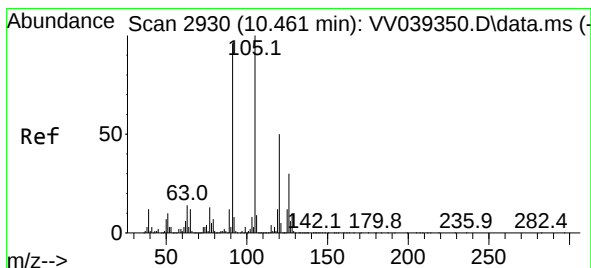
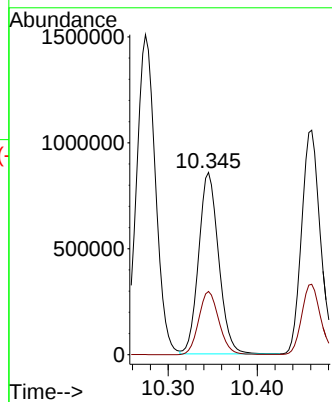
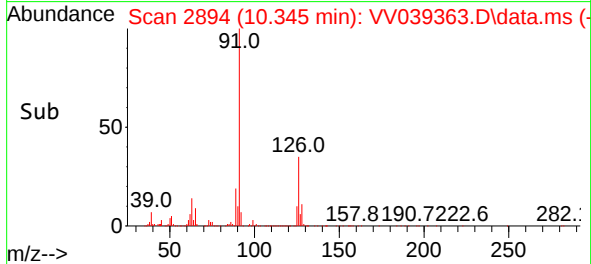
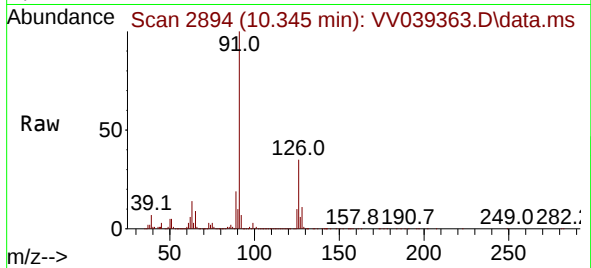




#79
2-Chlorotoluene
Concen: 51.440 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

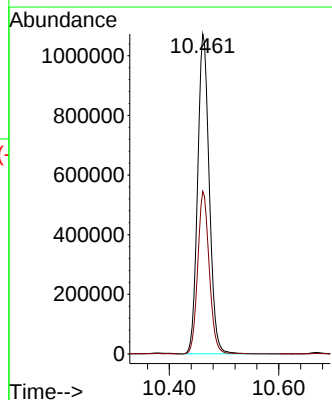
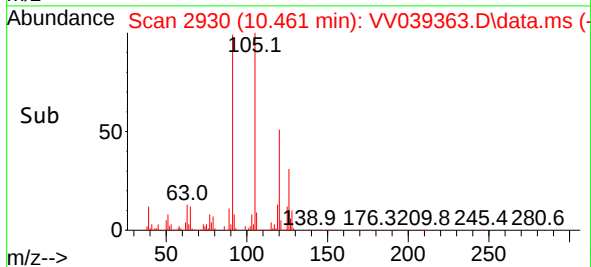
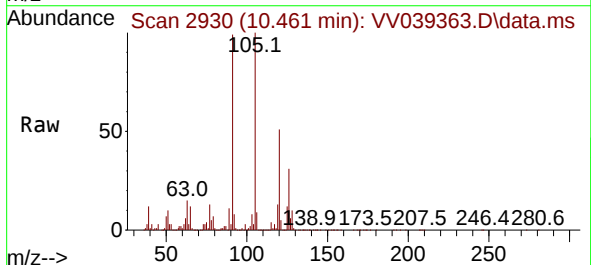
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

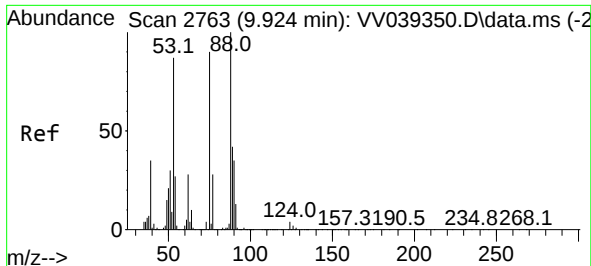
Tgt Ion: 91 Resp: 1332782
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 54.609 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 105 Resp: 1577549
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.4

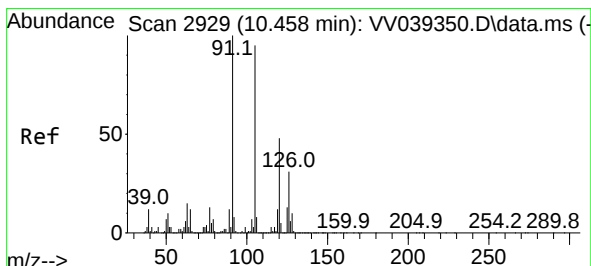
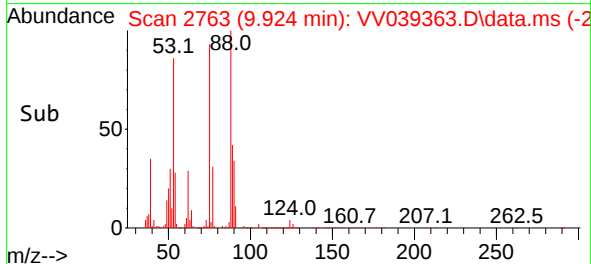
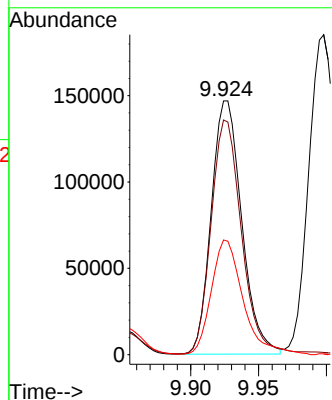
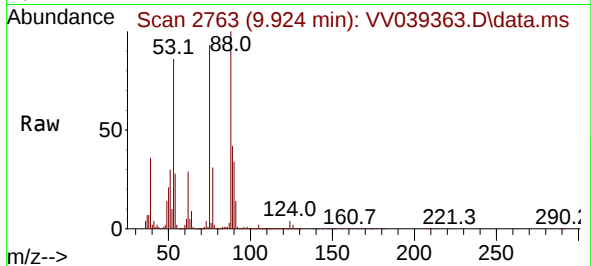




#81
trans-1,4-Dichloro-2-butene
Concen: 54.726 ug/l
RT: 9.924 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

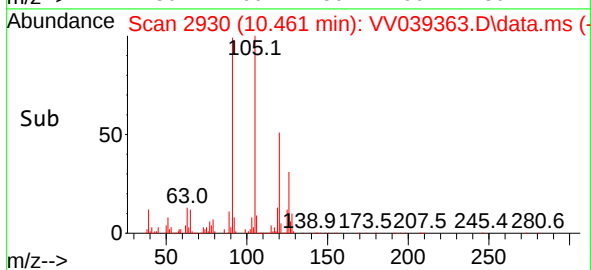
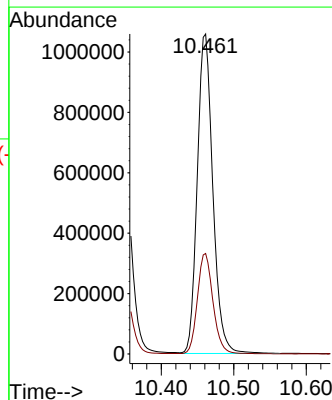
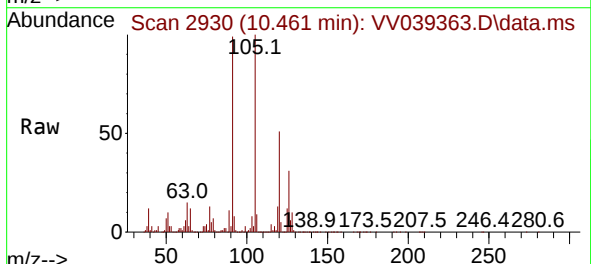
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

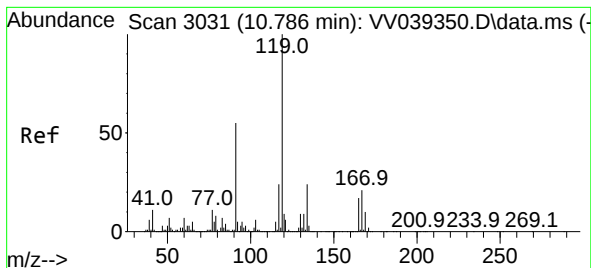
Tgt Ion: 75 Resp: 229293
Ion Ratio Lower Upper
75 100
53 92.2 79.0 118.6
89 47.4 40.4 60.6



#82
4-Chlorotoluene
Concen: 54.346 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.003 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 91 Resp: 1574240
Ion Ratio Lower Upper
91 100
126 31.3 15.3 45.9





#83

tert-Butylbenzene

Concen: 51.248 ug/l

RT: 10.786 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

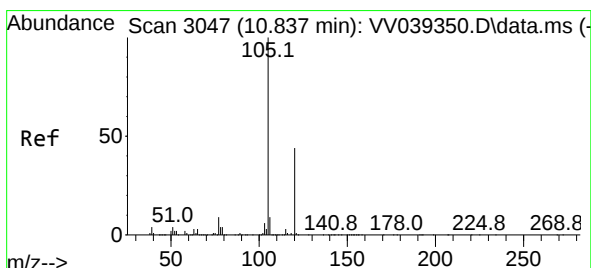
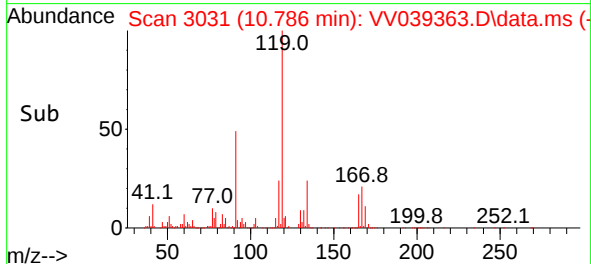
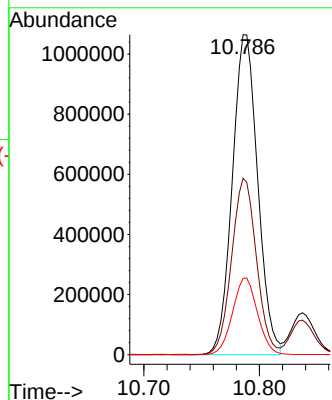
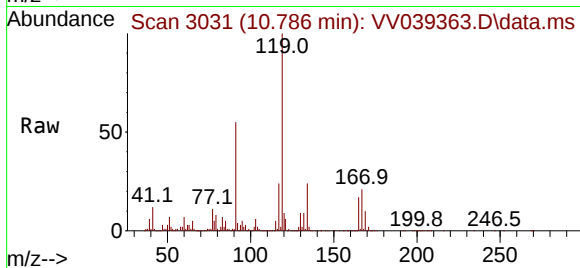
Tgt Ion:119 Resp: 1627328

Ion Ratio Lower Upper

119 100

91 53.9 26.5 79.5

134 23.6 11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 56.075 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039363.D

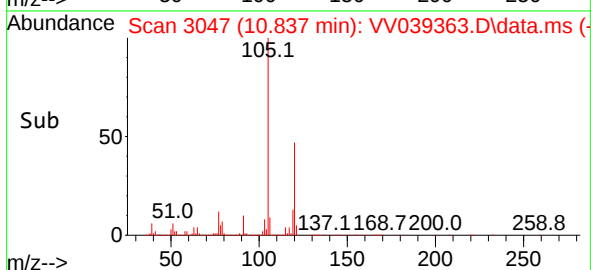
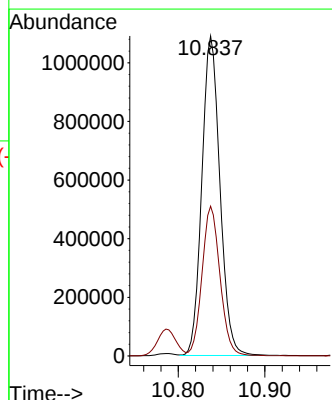
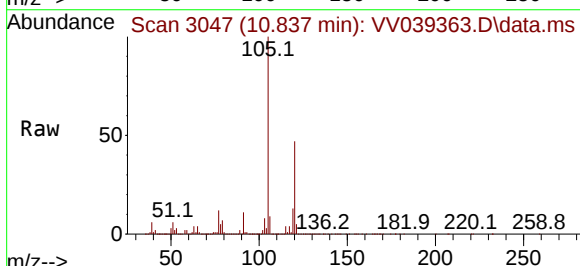
Acq: 12 Nov 2025 08:48

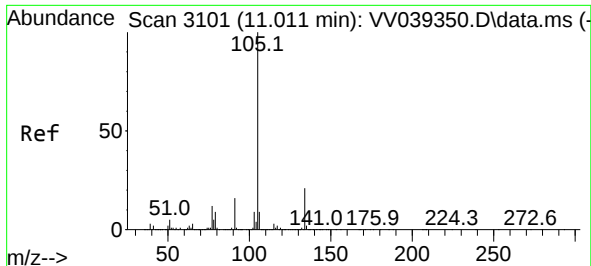
Tgt Ion:105 Resp: 1577939

Ion Ratio Lower Upper

105 100

120 46.7 23.0 69.0

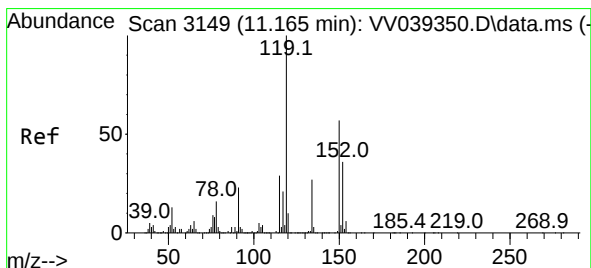
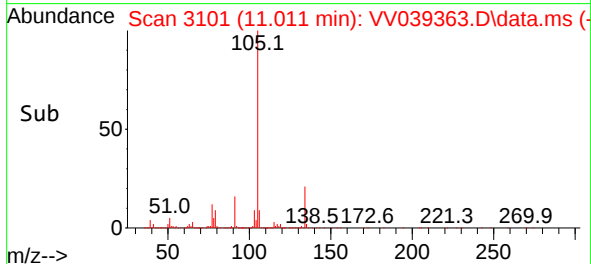
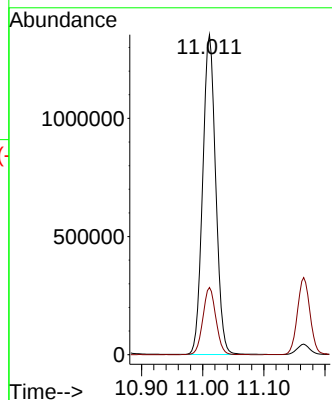
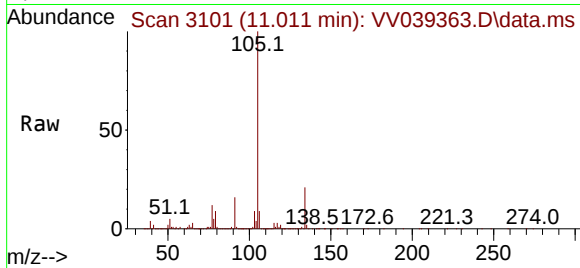




#85
 sec-Butylbenzene
 Concen: 53.114 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

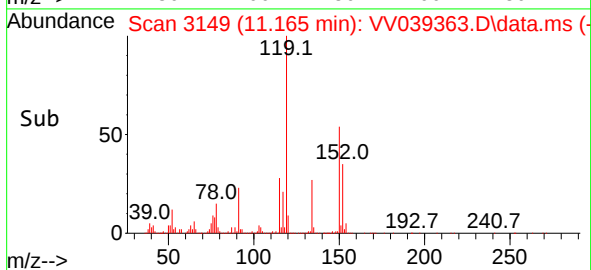
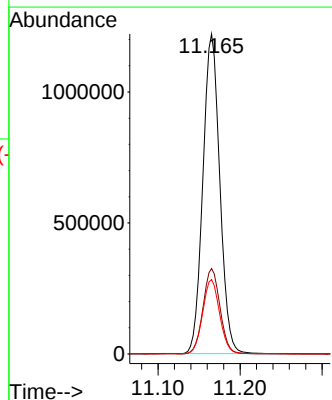
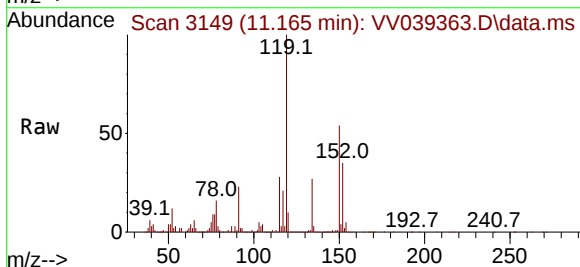
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

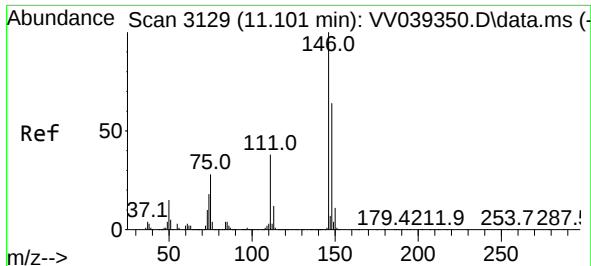
Tgt Ion:105 Resp: 1999869
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 53.694 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

Tgt Ion:119 Resp: 1744536
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 23.3 11.5 34.4

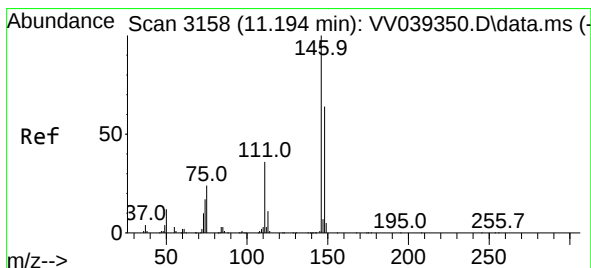
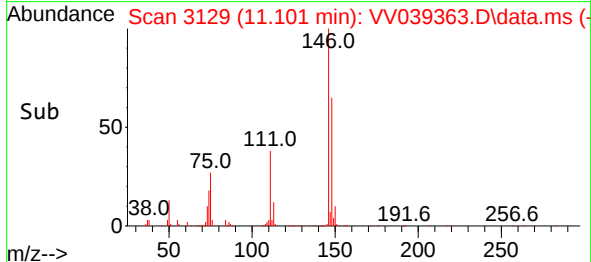
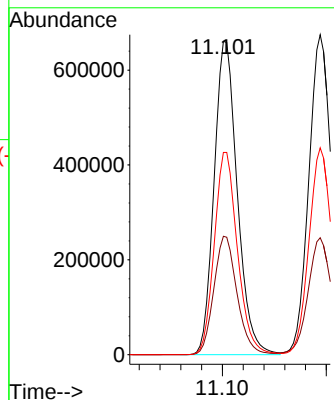
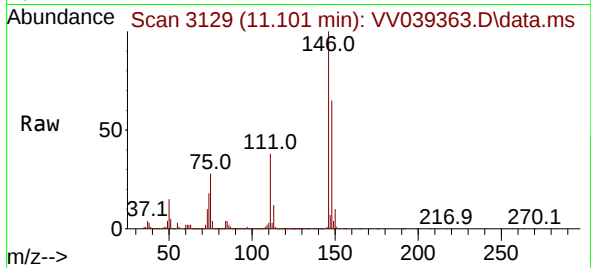




#87
 1,3-Dichlorobenzene
 Concen: 48.970 ug/l
 RT: 11.101 min Scan# 3129
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

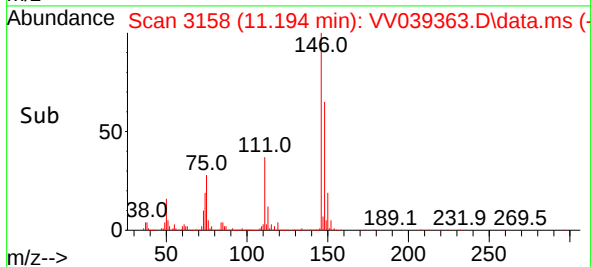
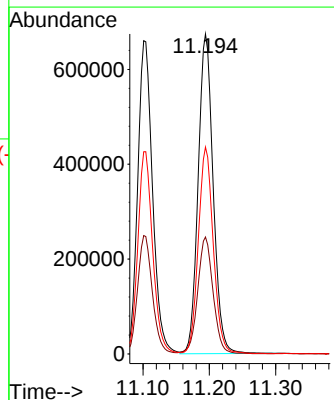
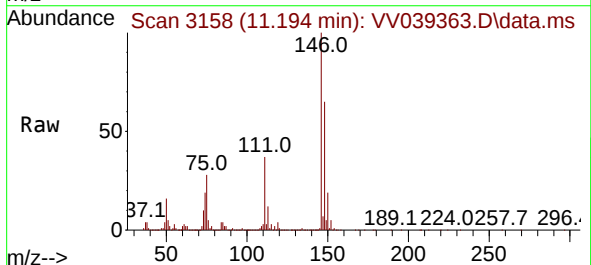
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

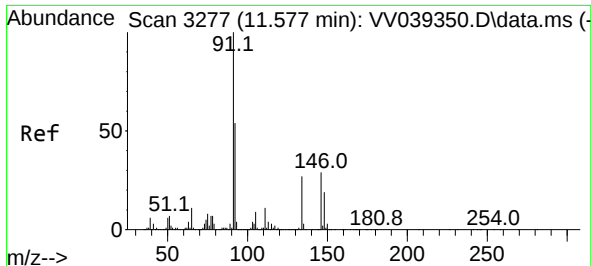
Tgt Ion:146 Resp: 1024336
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.4
 148 64.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.546 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. -0.000 min
 Lab File: VV039363.D
 Acq: 12 Nov 2025 08:48

Tgt Ion:146 Resp: 1061565
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 53.632 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

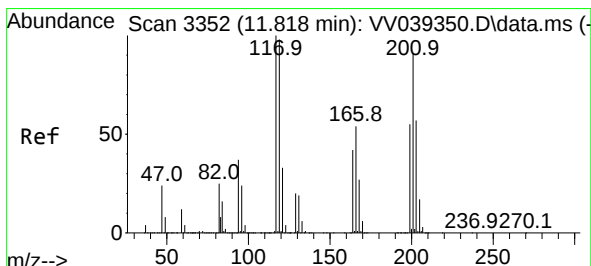
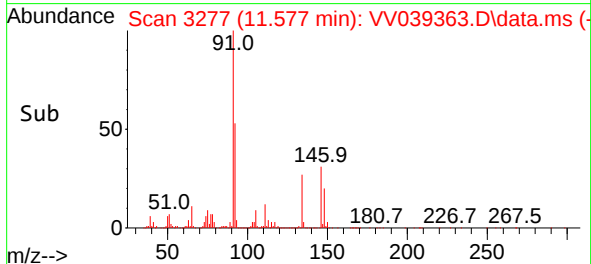
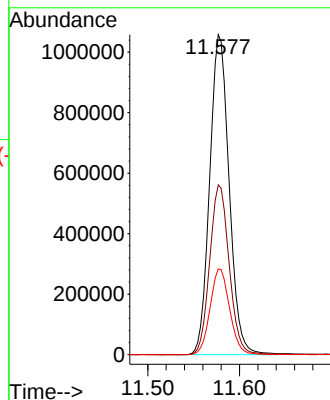
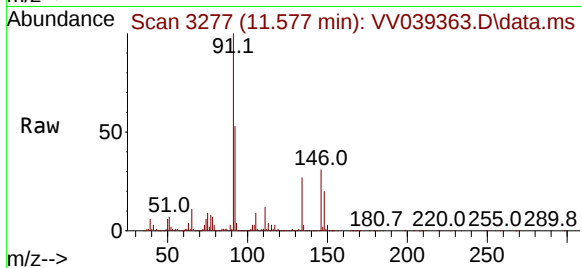
Tgt Ion: 91 Resp: 1553847

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.7

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 45.008 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039363.D

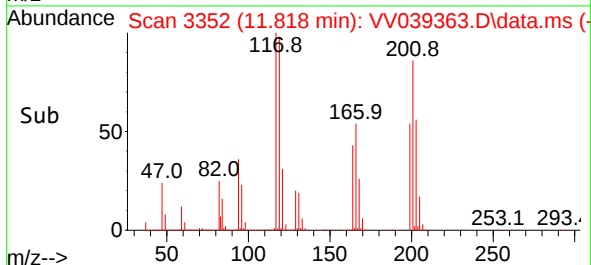
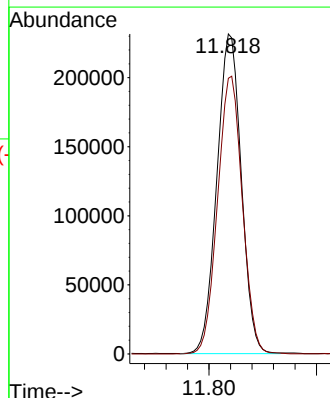
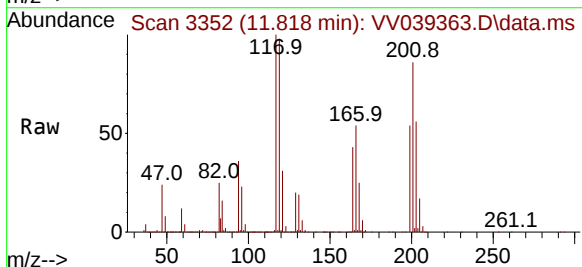
Acq: 12 Nov 2025 08:48

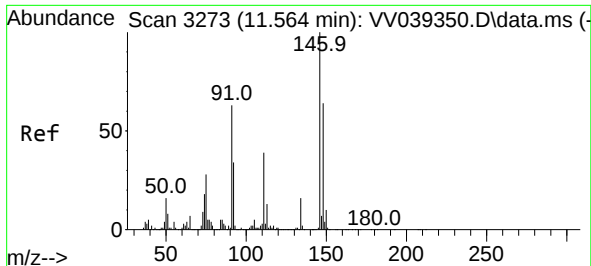
Tgt Ion: 117 Resp: 364446

Ion Ratio Lower Upper

117 100

201 88.3 45.3 135.8

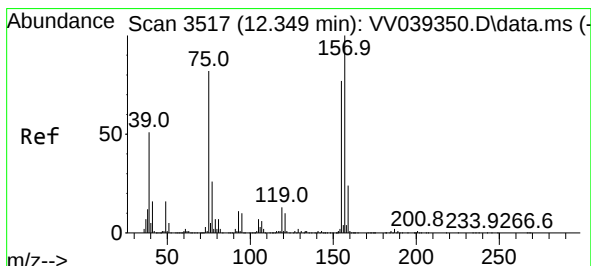
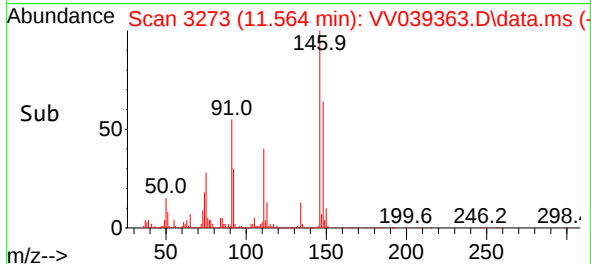
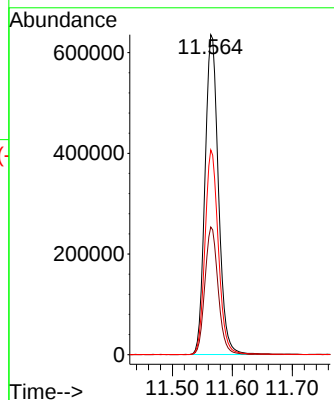
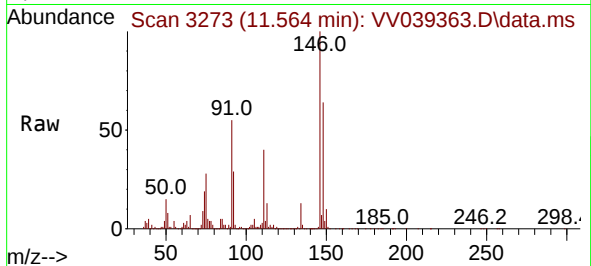




#91
1,2-Dichlorobenzene
Concen: 48.454 ug/l
RT: 11.564 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

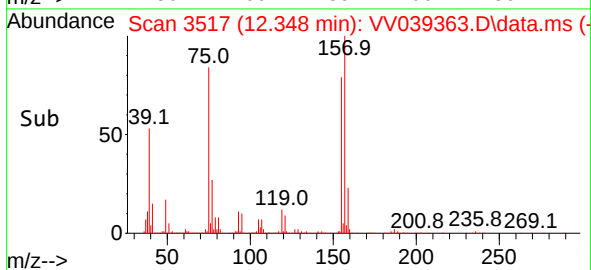
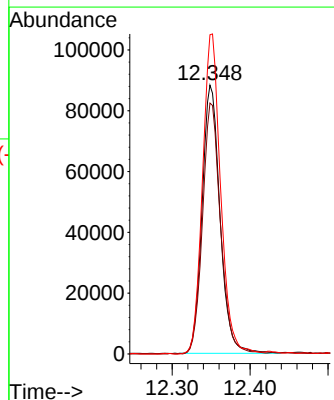
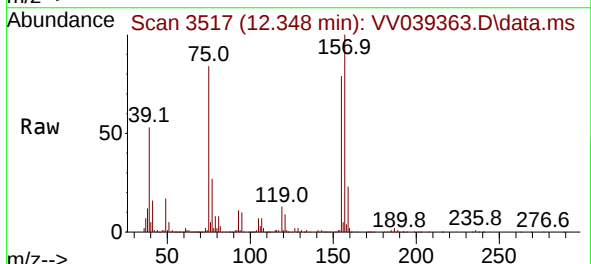
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

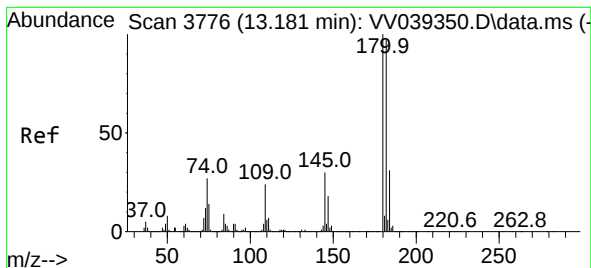
Tgt Ion:146 Resp: 991886
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.628 ug/l
RT: 12.348 min Scan# 3517
Delta R.T. -0.000 min
Lab File: VV039363.D
Acq: 12 Nov 2025 08:48

Tgt Ion: 75 Resp: 141193
Ion Ratio Lower Upper
75 100
155 93.9 47.0 141.2
157 120.4 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 52.719 ug/l

RT: 13.184 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

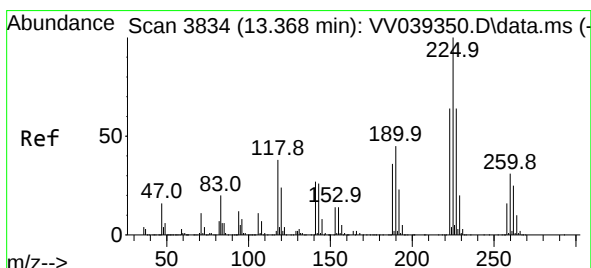
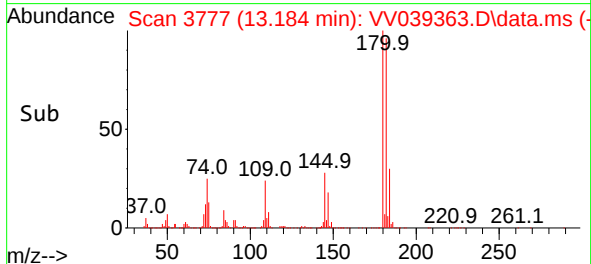
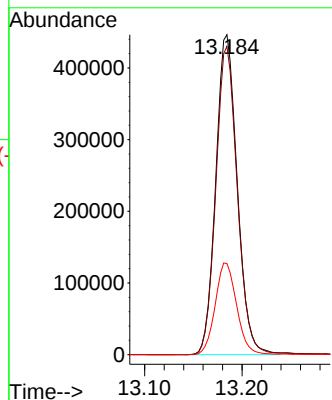
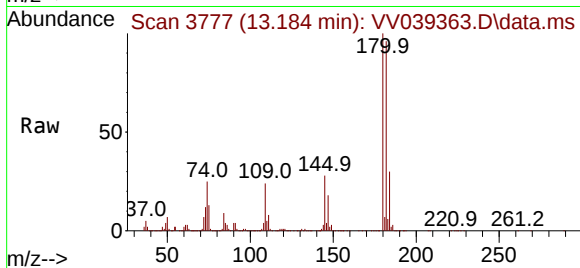
Tgt Ion:180 Resp: 684708

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.5

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.866 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

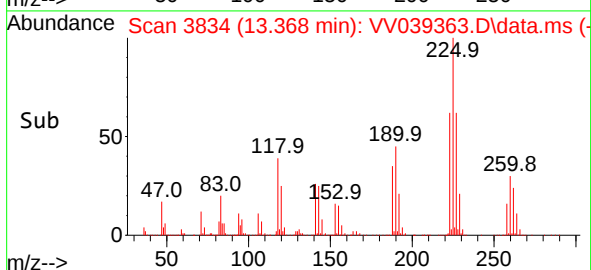
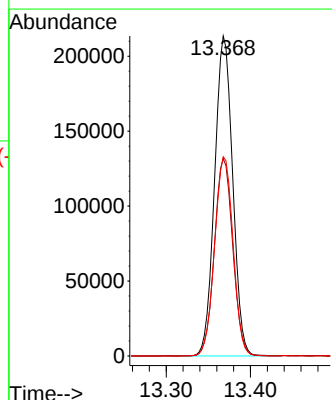
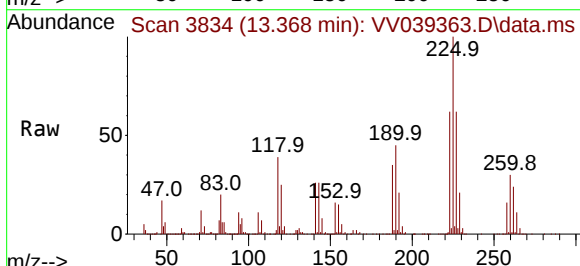
Tgt Ion:225 Resp: 317741

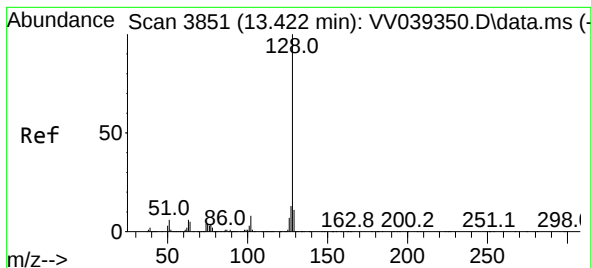
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.5

227 63.6 31.7 95.1





#95

Naphthalene

Concen: 57.277 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

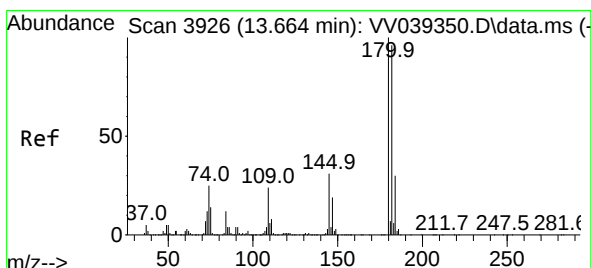
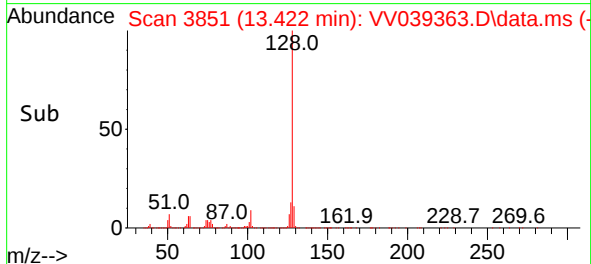
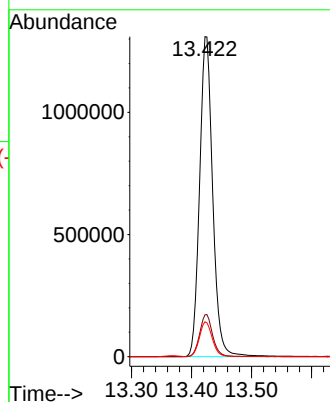
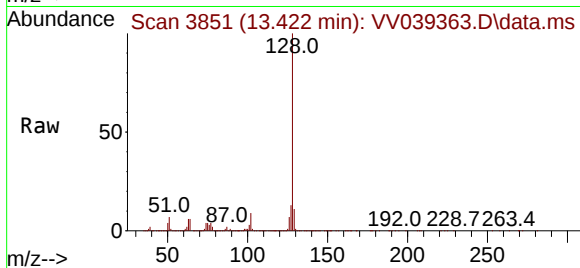
Tgt Ion:128 Resp: 1993665

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.386 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.000 min

Lab File: VV039363.D

Acq: 12 Nov 2025 08:48

Tgt Ion:180 Resp: 715318

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.6

145 30.3 15.3 45.9

