

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038890.D
 Acq On : 15 Jul 2025 08:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 03:05:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 03:05:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	475860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	751973	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	703505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	422876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	244798	42.104	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	84.200%
35) Dibromofluoromethane	4.497	113	229577	44.778	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	89.560%
50) Toluene-d8	7.236	98	676927	43.680	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	87.360%#
62) 4-Bromofluorobenzene	10.001	95	305765	48.978	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	178569	42.708	ug/l	98
3) Chloromethane	1.227	50	179472	39.749	ug/l	98
4) Vinyl Chloride	1.294	62	221829	42.926	ug/l	99
5) Bromomethane	1.490	94	160408	41.398	ug/l	94
6) Chloroethane	1.555	64	156655	51.065	ug/l	98
7) Trichlorofluoromethane	1.722	101	419230	45.850	ug/l	99
8) Diethyl Ether	1.915	74	160185	48.716	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	260611	47.667	ug/l	98
10) Methyl Iodide	2.195	142	309458	49.302	ug/l	99
11) Tert butyl alcohol	2.564	59	309060	230.887	ug/l	99
12) 1,1-Dichloroethene	2.079	96	219283	44.018	ug/l	99
13) Acrolein	2.008	56	47409	244.912	ug/l	97
14) Allyl chloride	2.355	41	374428	47.178	ug/l	99
15) Acrylonitrile	2.670	53	829514	242.163	ug/l	99
16) Acetone	2.117	43	638441	253.760	ug/l	99
17) Carbon Disulfide	2.249	76	366550	45.854	ug/l	98
18) Methyl Acetate	2.375	43	465201	54.650	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	915426	49.011	ug/l	98
20) Methylene Chloride	2.452	84	275998	43.242	ug/l	98
21) trans-1,2-Dichloroethene	2.699	96	225385	42.522	ug/l	93
22) Diisopropyl ether	3.211	45	830647	52.380	ug/l	95
23) Vinyl Acetate	3.185	43	3242237	260.748	ug/l	99
24) 1,1-Dichloroethane	3.114	63	491765	47.351	ug/l	98
25) 2-Butanone	3.860	43	942482	261.357	ug/l	99
26) 2,2-Dichloropropane	3.809	77	446245	49.077	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	297791	48.926	ug/l	99
28) Bromochloromethane	4.140	49	207900	51.718	ug/l	99
29) Tetrahydrofuran	4.233	42	612041	257.516	ug/l	98
30) Chloroform	4.275	83	536911	46.892	ug/l	99
31) Cyclohexane	4.580	56	300738	44.118	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	465991	46.645	ug/l	99
36) 1,1-Dichloropropene	4.741	75	289739	49.173	ug/l	99
37) Ethyl Acetate	3.973	43	356328	51.363	ug/l	99
38) Carbon Tetrachloride	4.731	117	379604	48.501	ug/l	99
39) Methylcyclohexane	6.043	83	324059	46.611	ug/l	99
40) Benzene	5.008	78	980938	49.110	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	180320	56.636	ug/l	99
42) 1,2-Dichloroethane	5.037	62	372394	48.912	ug/l	100
43) Isopropyl Acetate	5.188	43	567882	51.759	ug/l	99
44) Trichloroethene	5.828	130	245282	46.994	ug/l	98
45) 1,2-Dichloropropane	6.088	63	269898	51.152	ug/l	99
46) Dibromomethane	6.223	93	200044	49.001	ug/l	98
47) Bromodichloromethane	6.426	83	439422	50.718	ug/l	99
48) Methyl methacrylate	6.294	41	270095	56.724	ug/l	99
49) 1,4-Dioxane	6.284	88	90300	880.190	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	2074851	277.728	ug/l	100
52) Toluene	7.307	92	656123	52.143	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	420561	53.645	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	443756	52.363	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	298765	49.674	ug/l	97
56) Ethyl methacrylate	7.712	69	418168	58.508	ug/l	98
57) 1,3-Dichloropropane	7.931	76	470833	52.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1376601	262.899	ug/l	100
59) 2-Hexanone	8.063	43	1516153	272.625	ug/l	99
60) Dibromochloromethane	8.165	129	366636	51.764	ug/l	98
61) 1,2-Dibromoethane	8.272	107	304486	50.251	ug/l	100
64) Tetrachloroethene	7.895	164	215036	46.607	ug/l	98
65) Chlorobenzene	8.802	112	768730	50.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	306068	49.928	ug/l	100
67) Ethyl Benzene	8.937	91	1270581	55.666	ug/l	99
68) m/p-Xylenes	9.062	106	1022019	115.007	ug/l	99
69) o-Xylene	9.468	106	480396	57.274	ug/l	98
70) Styrene	9.484	104	895756	60.425	ug/l	99
71) Bromoform	9.654	173	267442	53.673	ug/l #	99
73) Isopropylbenzene	9.853	105	1382503	54.715	ug/l	100
74) N-amyl acetate	9.725	43	523047	56.510	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	513085	48.480	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	393197	50.010	ug/l	80
77) Bromobenzene	10.140	156	331699	50.044	ug/l	97
78) n-propylbenzene	10.278	91	1654346	56.020	ug/l	99
79) 2-Chlorotoluene	10.345	91	983461	52.365	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1187767	55.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	175851	54.581	ug/l	95
82) 4-Chlorotoluene	10.461	91	1166653	55.571	ug/l	100
83) tert-Butylbenzene	10.789	119	1221500	54.677	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1198430	57.159	ug/l	100
85) sec-Butylbenzene	11.011	105	1604489	56.273	ug/l	100
86) p-Isopropyltoluene	11.165	119	1354710	55.962	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	688189	50.868	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	712676	48.426	ug/l	98
89) n-Butylbenzene	11.580	91	1291767	58.453	ug/l	100
90) Hexachloroethane	11.821	117	275284	47.811	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	667895	50.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	112556	47.039	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	445320	57.443	ug/l	99
94) Hexachlorobutadiene	13.368	225	203230	50.905	ug/l	98
95) Naphthalene	13.422	128	1556143	61.094	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	461037	57.375	ug/l	100

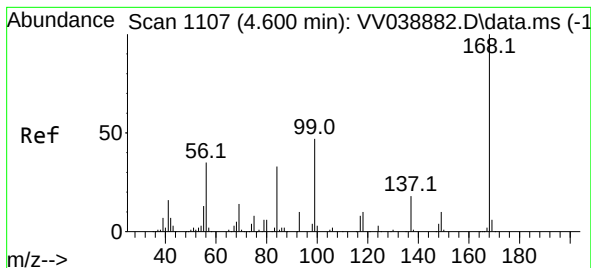
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
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Quant Title : SW846 8260
QLast Update : Wed Jul 16 03:05:29 2025
Response via : Initial Calibration

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: 4.596 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

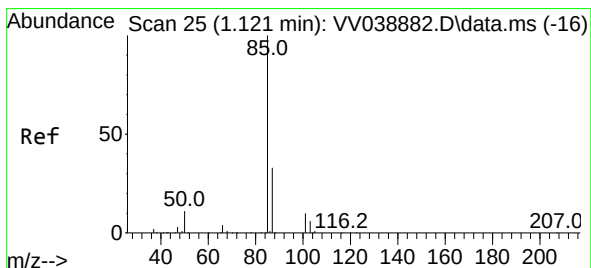
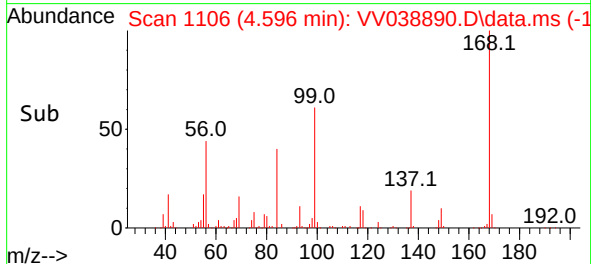
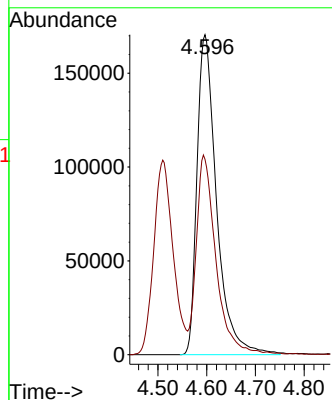
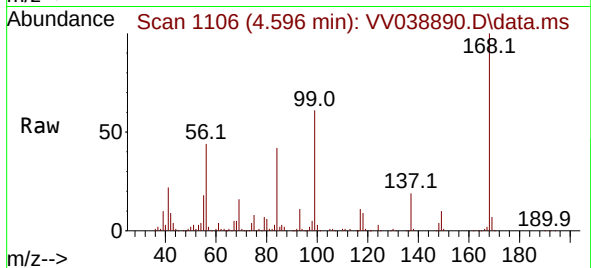
VSTDCCC050

Tgt Ion:168 Resp: 475860

Ion Ratio Lower Upper

168 100

99 60.6 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 42.708 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038890.D

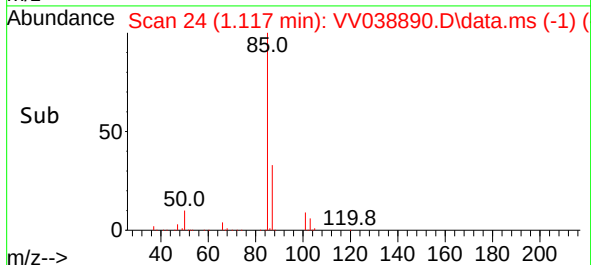
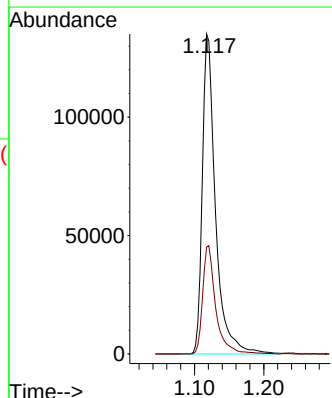
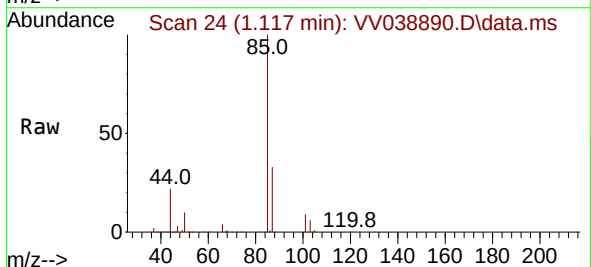
Acq: 15 Jul 2025 08:54

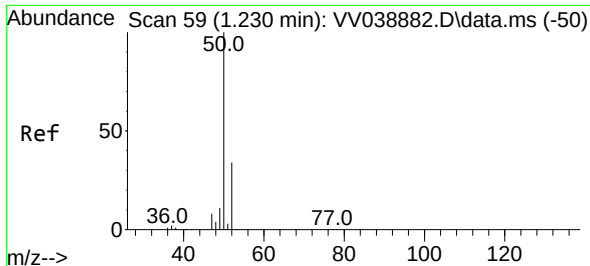
Tgt Ion: 85 Resp: 178569

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.8

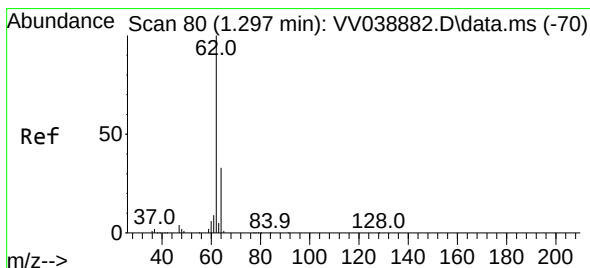
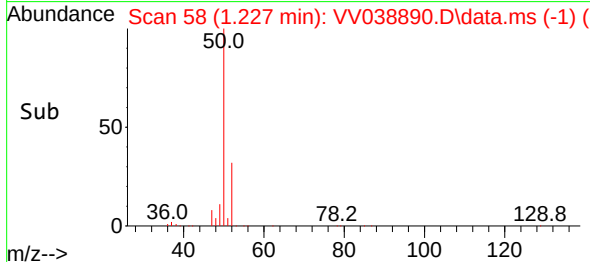
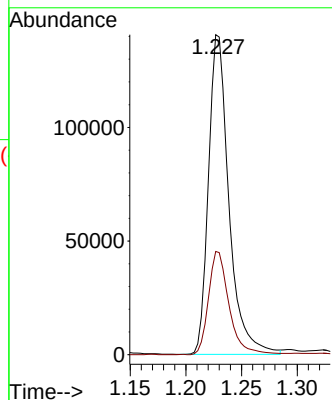
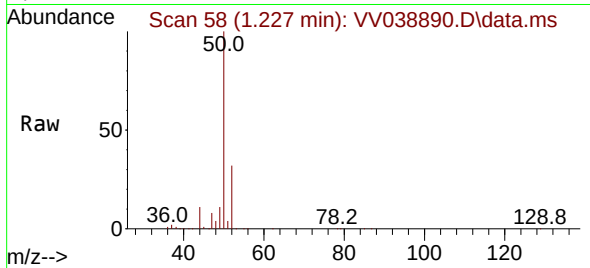




#3
Chloromethane
Concen: 39.749 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

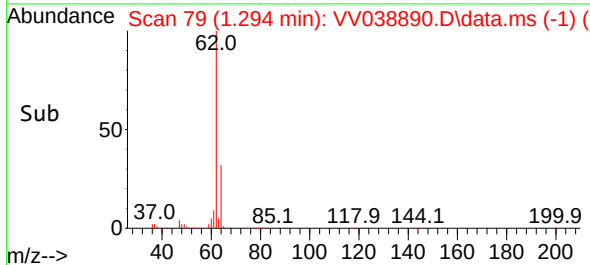
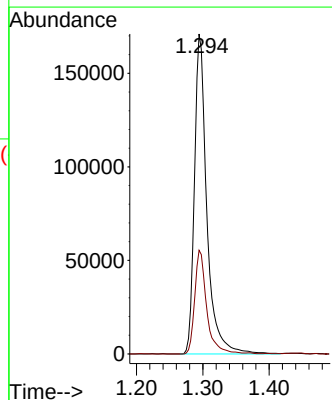
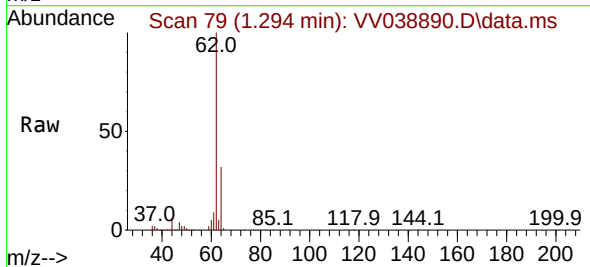
Instrument :
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ClientSampleId :
VSTDCCC050

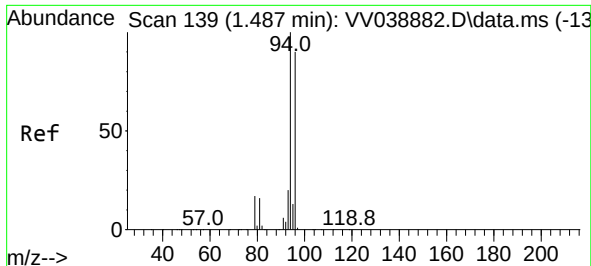
Tgt Ion: 50 Resp: 179472
Ion Ratio Lower Upper
50 100
52 32.2 26.9 40.3



#4
Vinyl Chloride
Concen: 42.926 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 62 Resp: 221829
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2

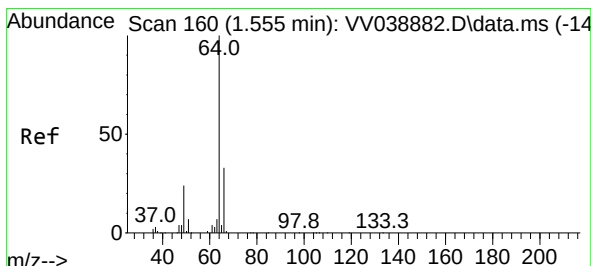
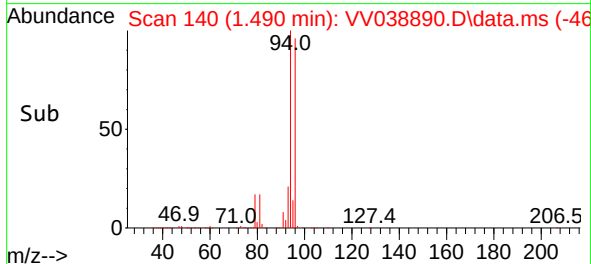
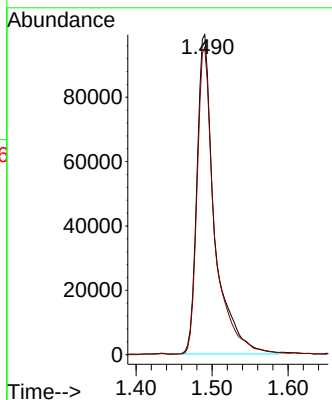
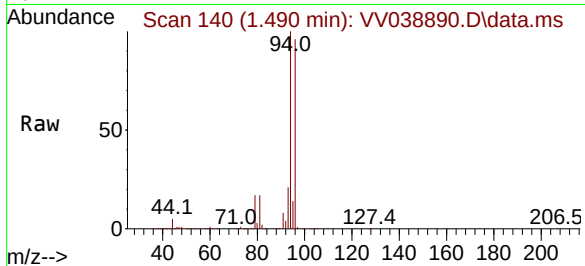




#5
Bromomethane
Concen: 41.398 ug/l
RT: 1.490 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

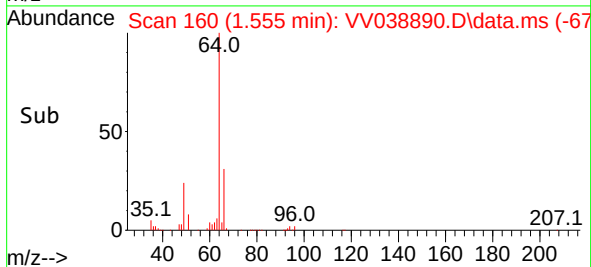
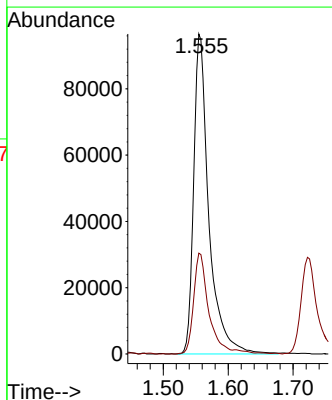
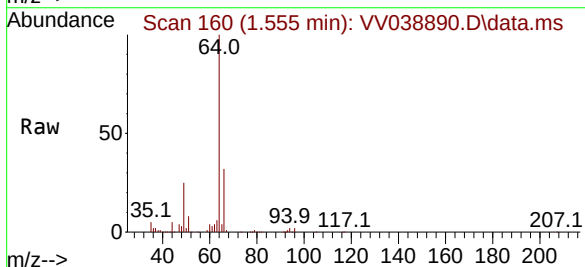
Instrument :
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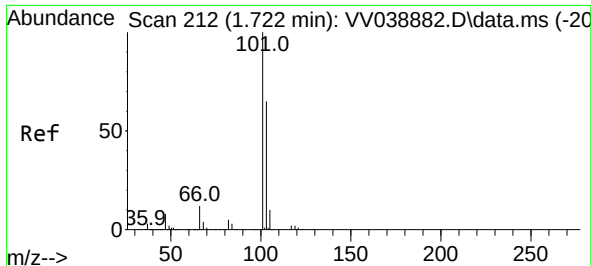
Tgt Ion: 94 Resp: 160408
Ion Ratio Lower Upper
94 100
96 95.9 71.9 107.9



#6
Chloroethane
Concen: 51.065 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 64 Resp: 156655
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.2

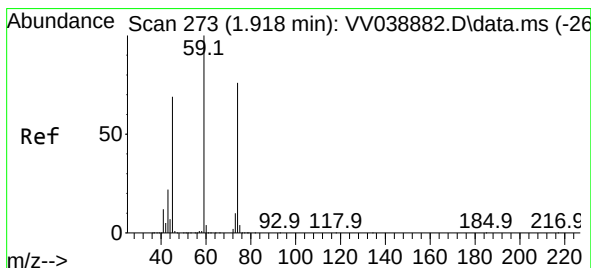
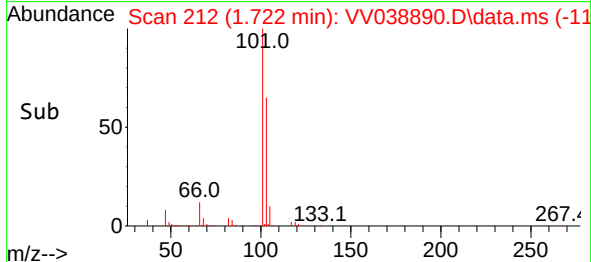
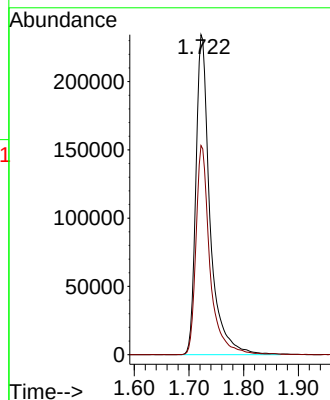
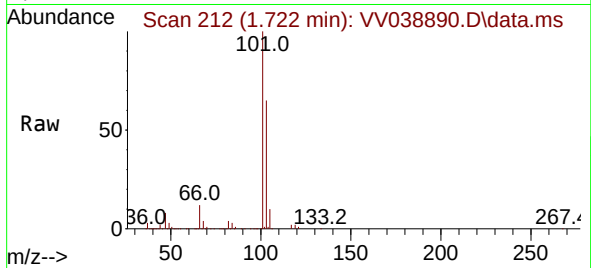




#7
 Trichlorofluoromethane
 Concen: 45.850 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

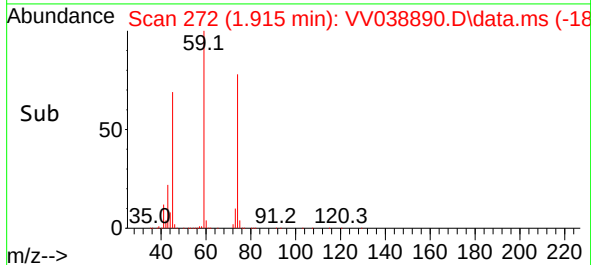
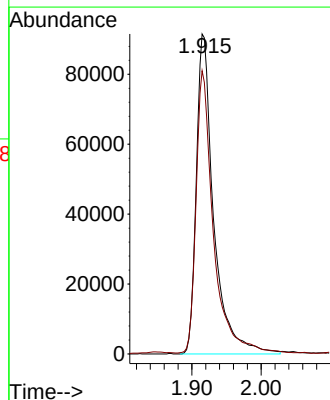
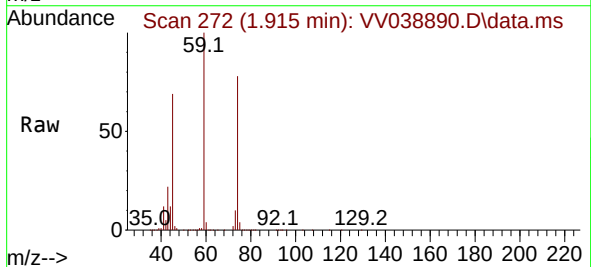
Instrument :
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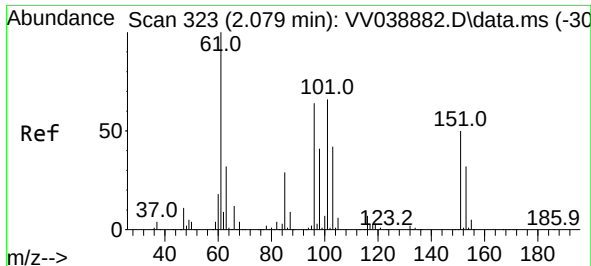
Tgt Ion:101 Resp: 419230
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6



#8
 Diethyl Ether
 Concen: 48.716 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.003 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion: 74 Resp: 160185
 Ion Ratio Lower Upper
 74 100
 45 87.7 45.5 136.5

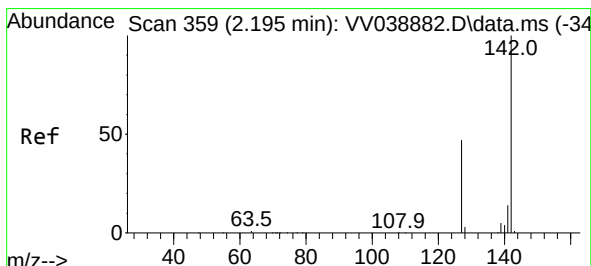
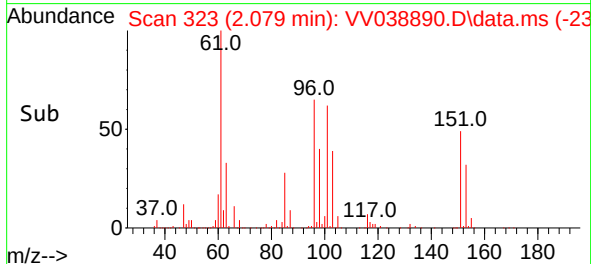
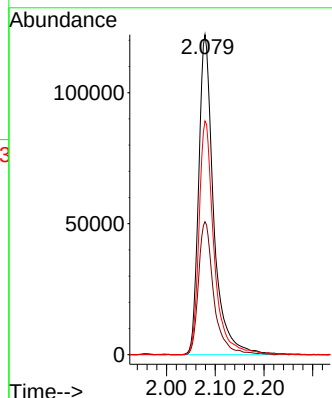
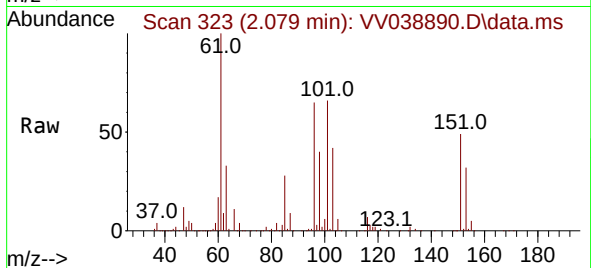




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.667 ug/l
RT: 2.079 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038890.D
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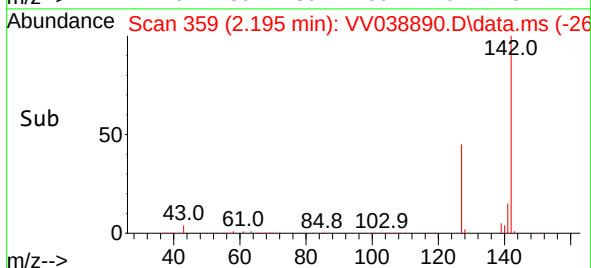
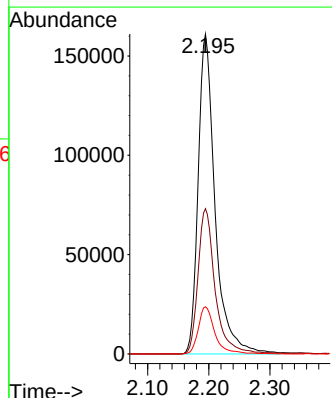
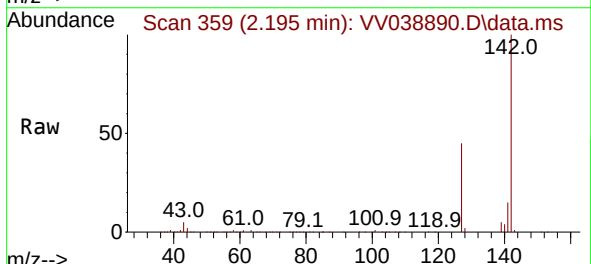
Instrument :
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ClientSampleId :
VSTDCCC050

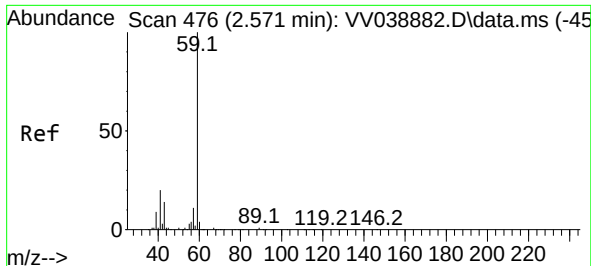
Tgt Ion:101 Resp: 260611
Ion Ratio Lower Upper
101 100
85 42.4 35.0 52.6
151 73.1 60.1 90.1



#10
Methyl Iodide
Concen: 49.302 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion:142 Resp: 309458
Ion Ratio Lower Upper
142 100
127 46.1 37.3 55.9
141 14.3 11.2 16.8





#11

Tert butyl alcohol

Concen: 230.887 ug/l

RT: 2.564 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

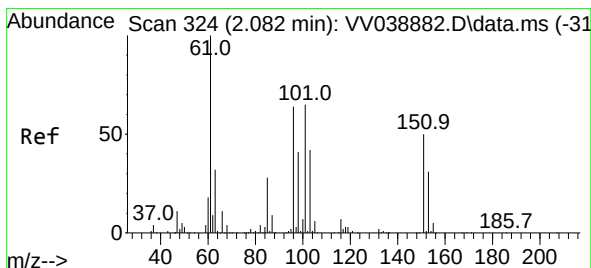
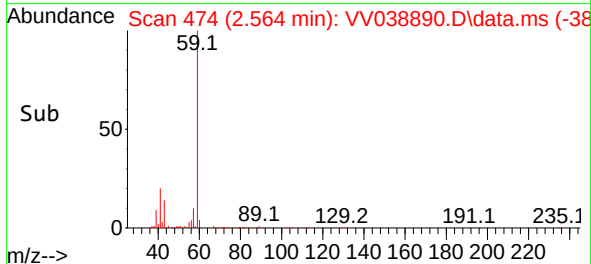
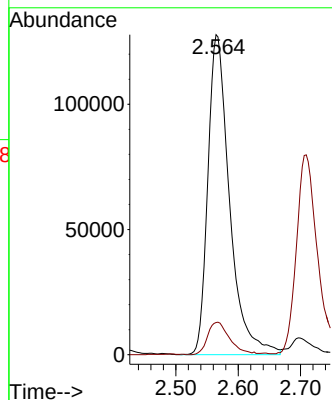
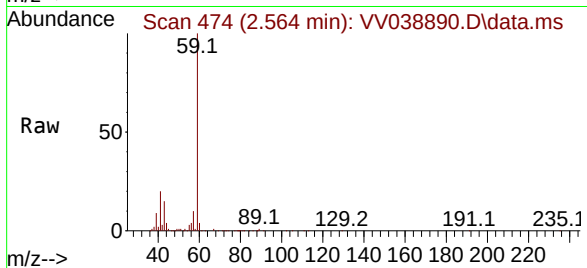
VSTDCCC050

Tgt Ion: 59 Resp: 309060

Ion Ratio Lower Upper

59 100

57 10.4 8.6 12.8



#12

1,1-Dichloroethene

Concen: 44.018 ug/l

RT: 2.079 min Scan# 323

Delta R.T. -0.003 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

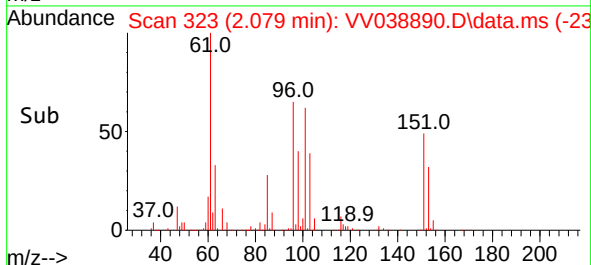
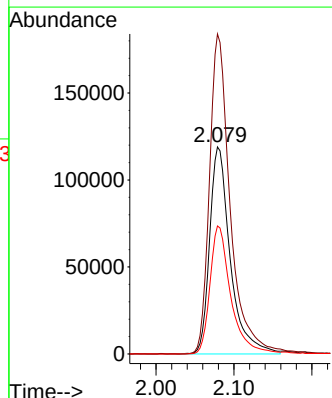
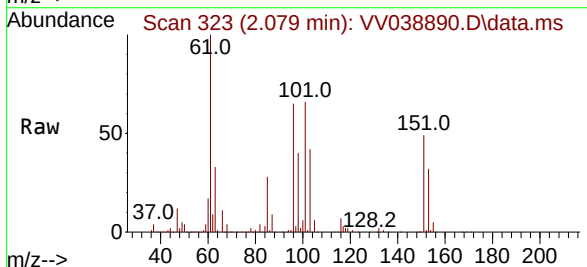
Tgt Ion: 96 Resp: 219283

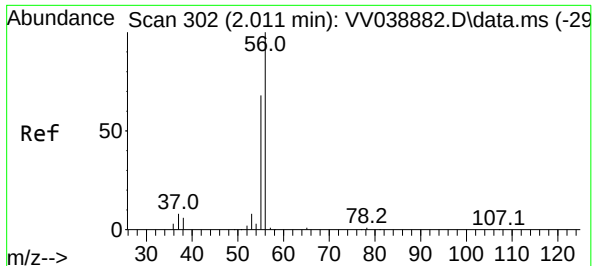
Ion Ratio Lower Upper

96 100

61 154.6 124.1 186.1

98 61.8 50.6 75.8

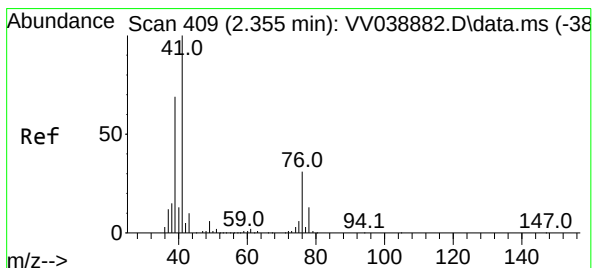
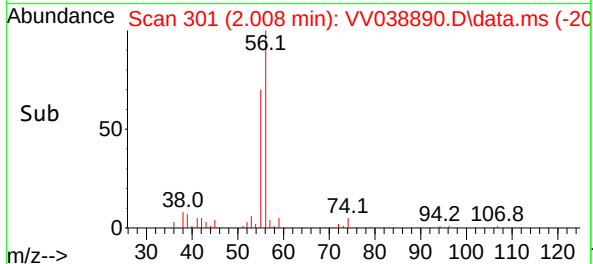
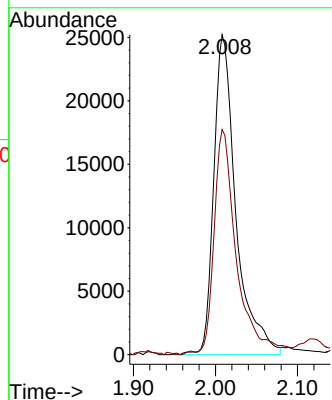
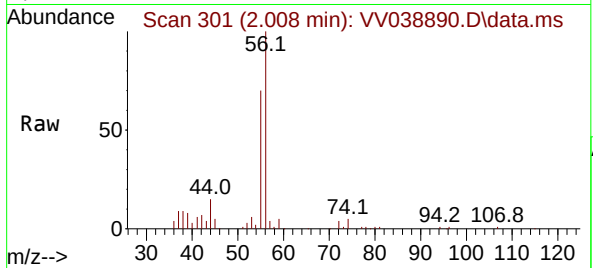




#13
Acrolein
Concen: 244.912 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

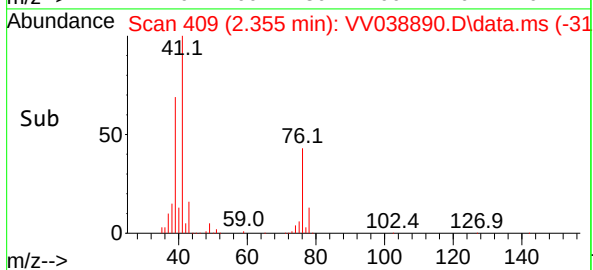
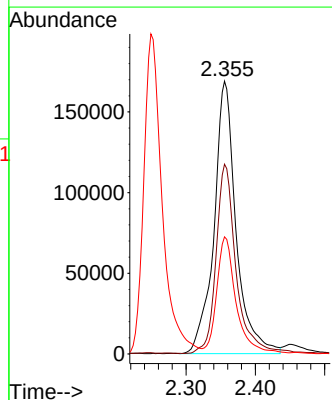
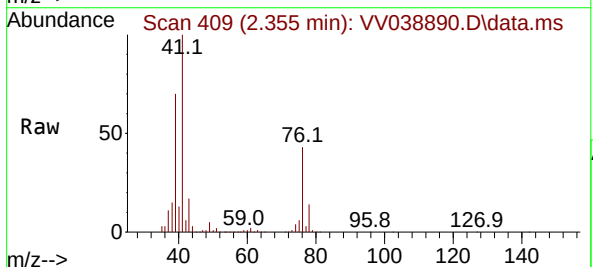
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

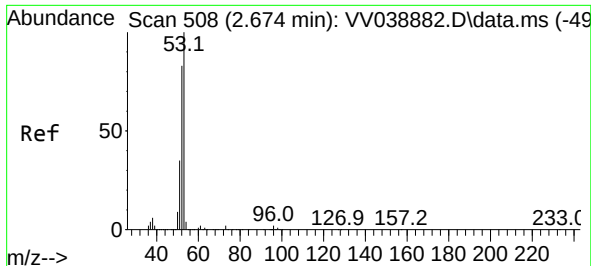
Tgt Ion: 56 Resp: 47409
Ion Ratio Lower Upper
56 100
55 68.7 56.7 85.1



#14
Allyl chloride
Concen: 47.178 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 41 Resp: 374428
Ion Ratio Lower Upper
41 100
39 63.3 50.6 76.0
76 36.8 30.4 45.6

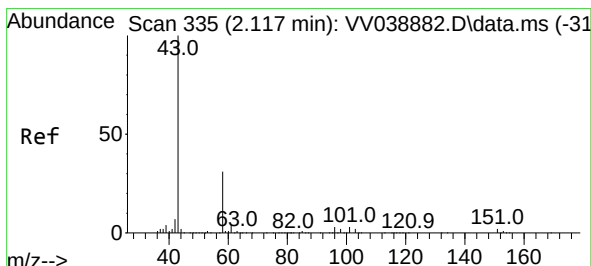
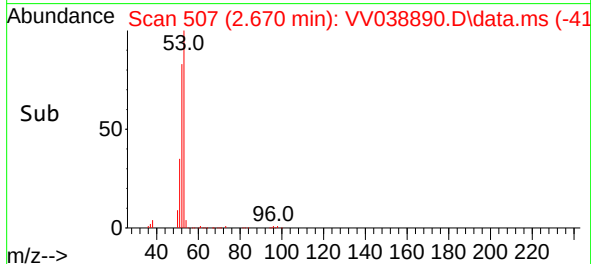
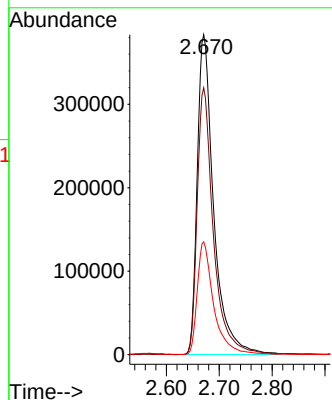
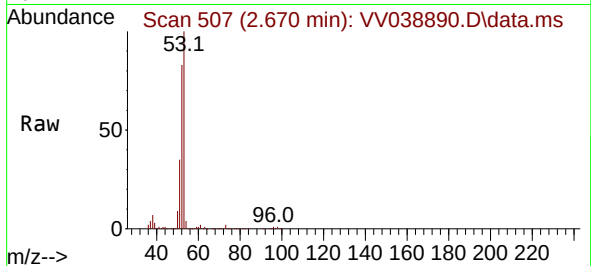




#15
Acrylonitrile
Concen: 242.163 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

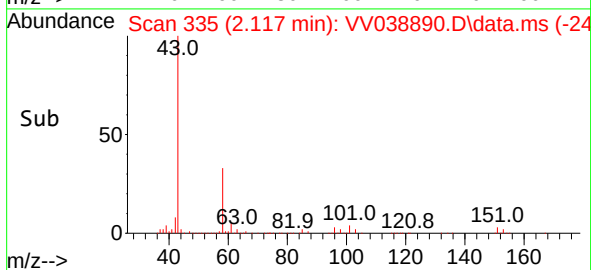
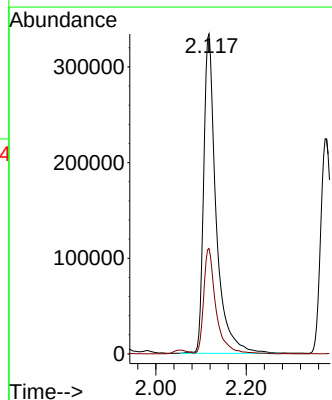
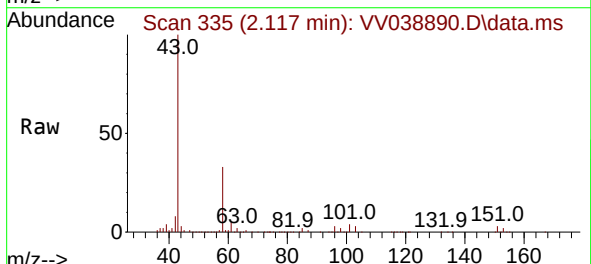
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

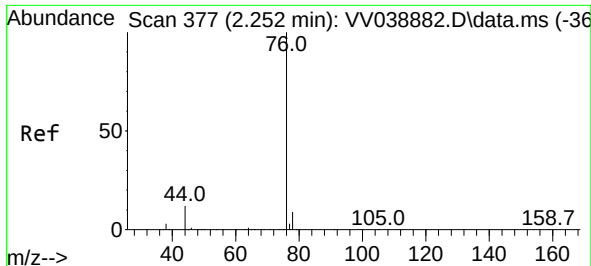
Tgt Ion: 53 Resp: 829514
Ion Ratio Lower Upper
53 100
52 82.7 66.6 99.8
51 35.1 28.7 43.1



#16
Acetone
Concen: 253.760 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 43 Resp: 638441
Ion Ratio Lower Upper
43 100
58 32.9 25.8 38.6

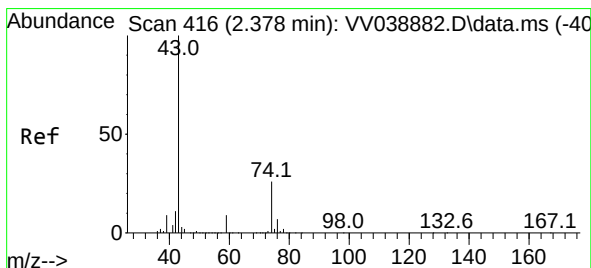
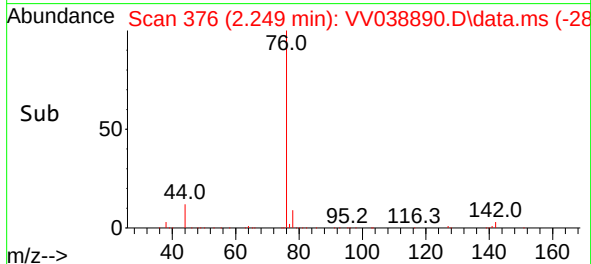
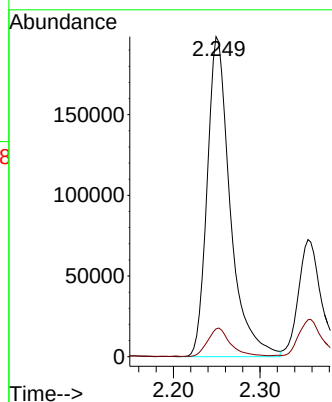
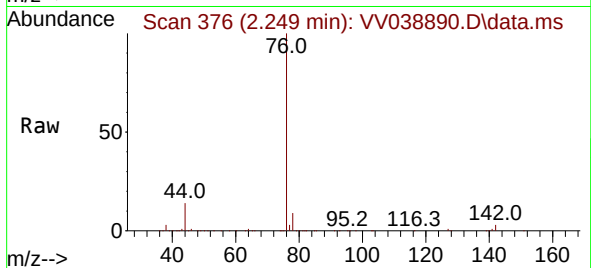




#17
Carbon Disulfide
Concen: 45.854 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

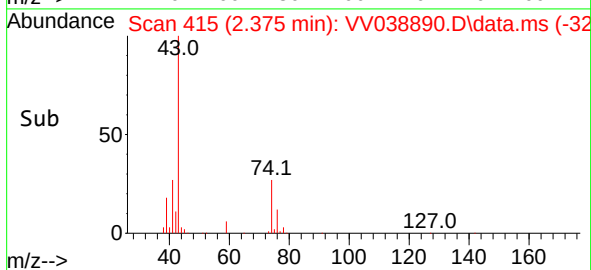
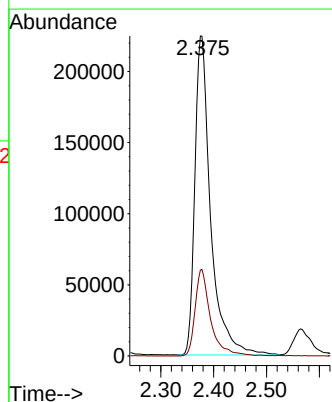
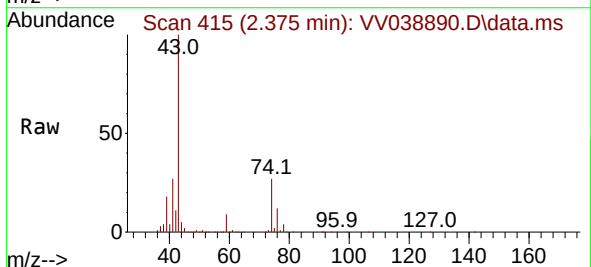
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

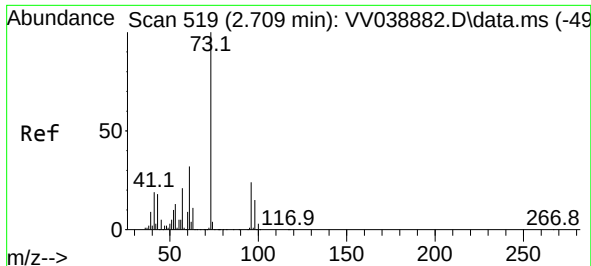
Tgt Ion: 76 Resp: 366550
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 54.650 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 43 Resp: 465201
Ion Ratio Lower Upper
43 100
74 26.5 21.1 31.7

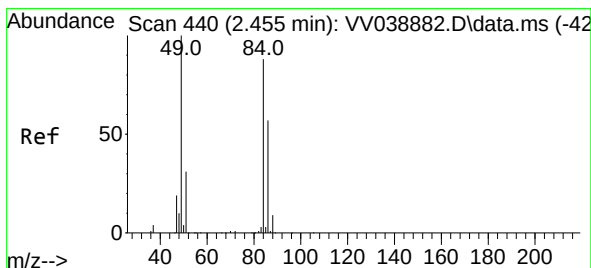
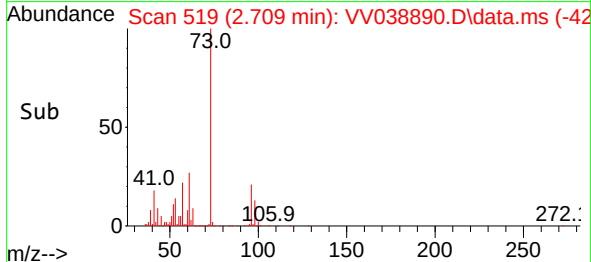
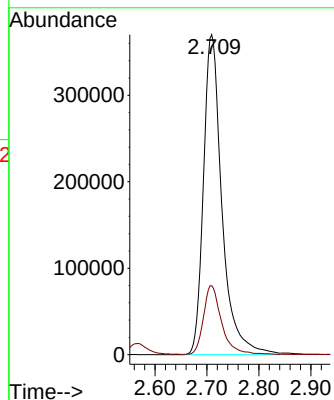
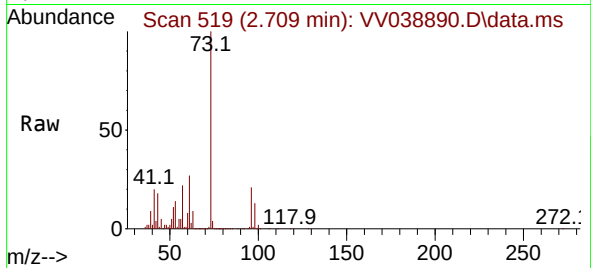




#19
Methyl tert-butyl Ether
Concen: 49.011 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

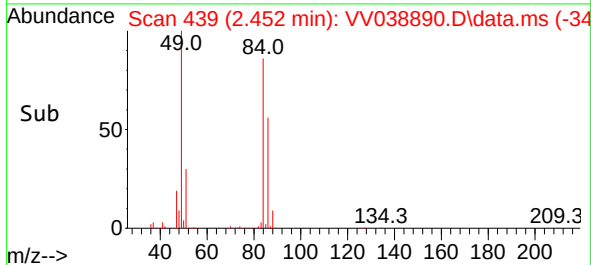
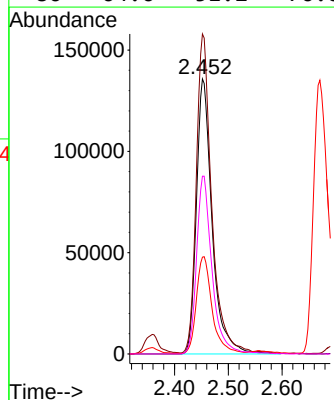
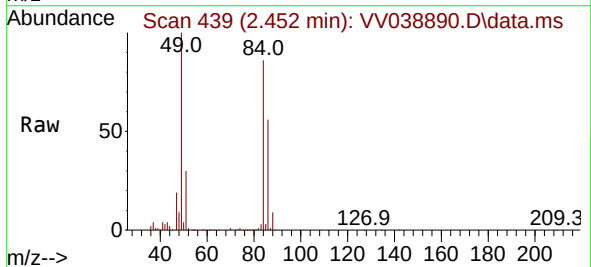
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

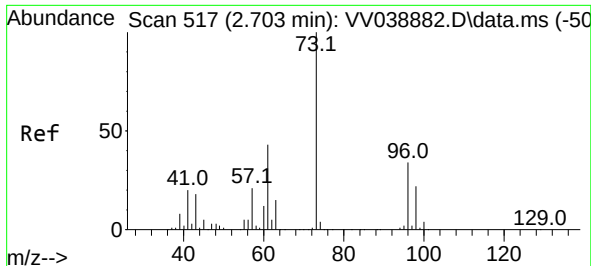
Tgt Ion: 73 Resp: 915426
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7



#20
Methylene Chloride
Concen: 43.242 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 84 Resp: 275998
Ion Ratio Lower Upper
84 100
49 116.2 90.5 135.7
51 35.0 27.8 41.6
86 64.6 51.2 76.8

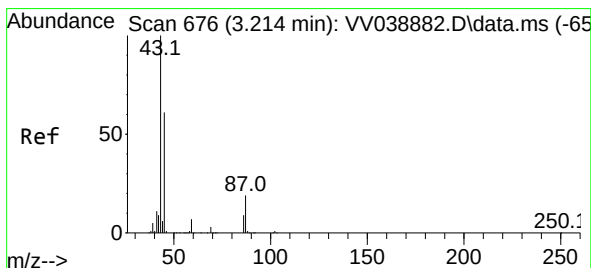
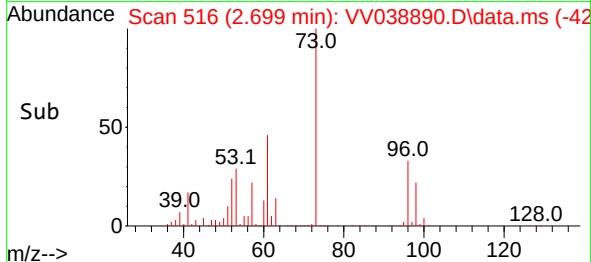
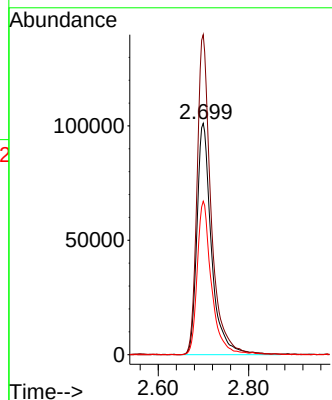
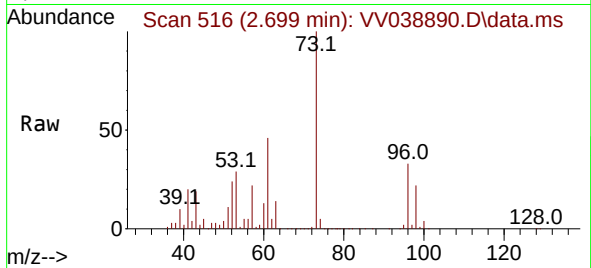




#21
trans-1,2-Dichloroethene
Concen: 42.522 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

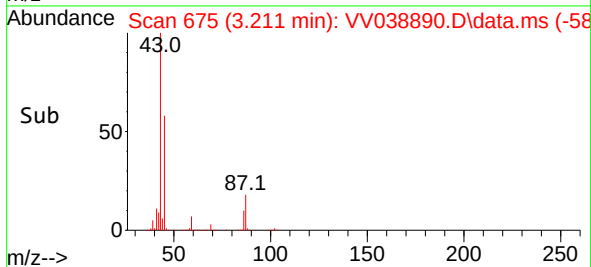
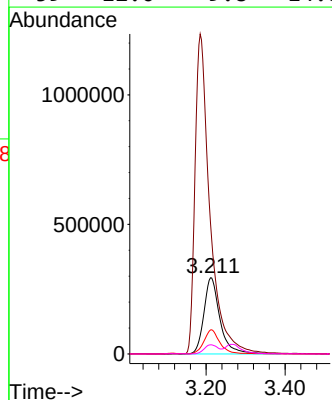
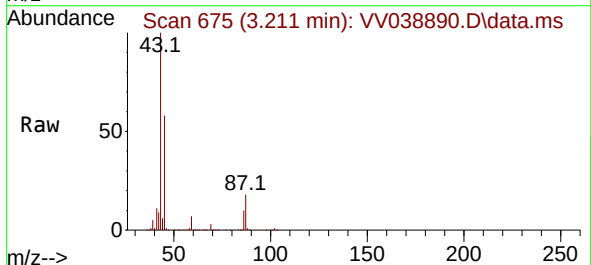
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

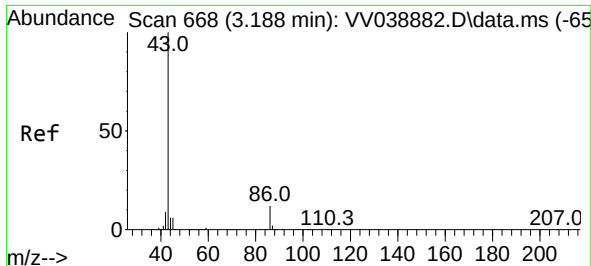
Tgt Ion: 96 Resp: 225385
Ion Ratio Lower Upper
96 100
61 138.3 102.0 153.0
98 66.3 51.0 76.6



#22
Diisopropyl ether
Concen: 52.380 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 45 Resp: 830647
Ion Ratio Lower Upper
45 100
43 173.3 132.1 198.1
87 31.3 25.0 37.4
59 12.0 9.8 14.8

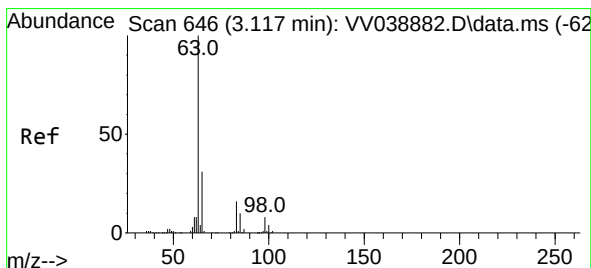
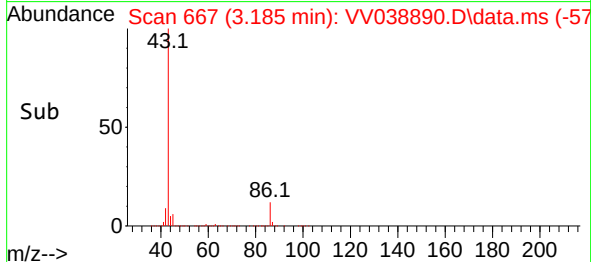
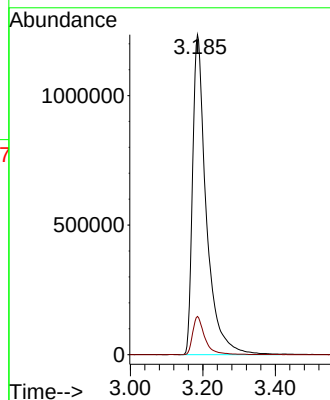
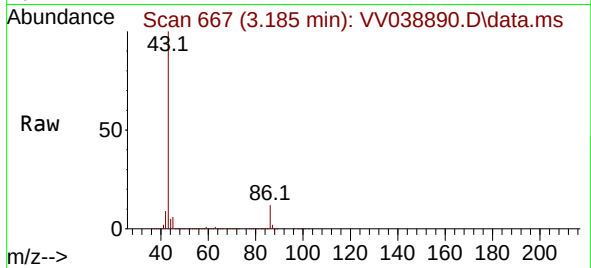




#23
 Vinyl Acetate
 Concen: 260.748 ug/l
 RT: 3.185 min Scan# 668
 Delta R.T. -0.003 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

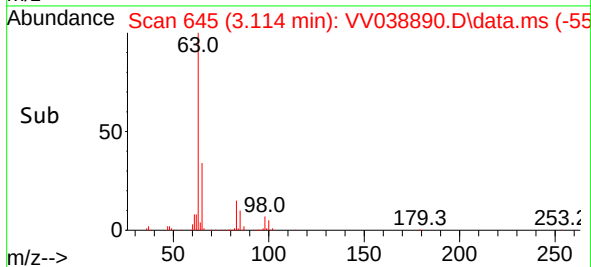
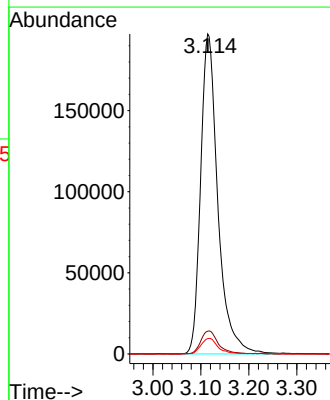
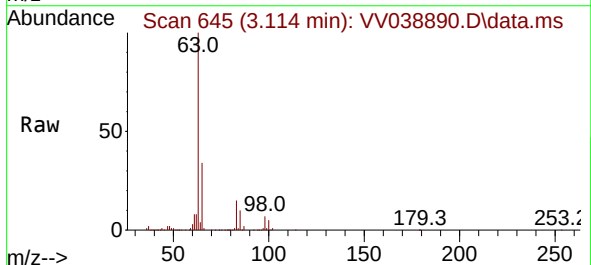
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

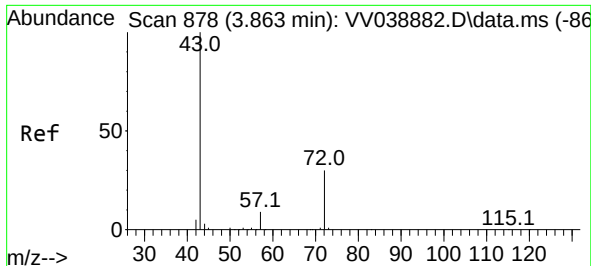
Tgt Ion: 43 Resp: 3242237
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 47.351 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion: 63 Resp: 491765
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.8 2.2 6.6

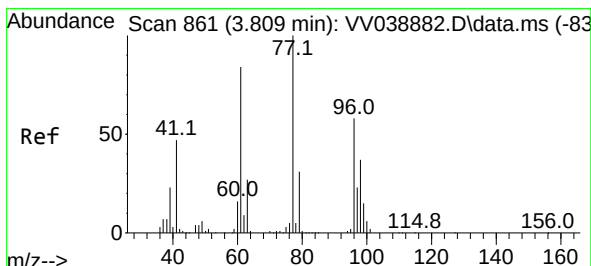
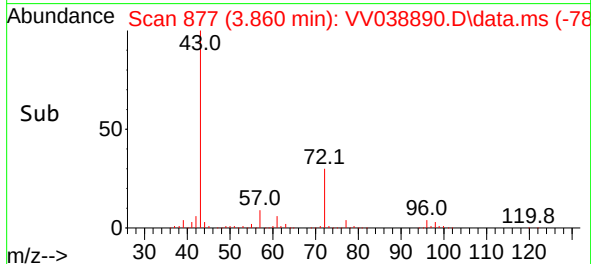
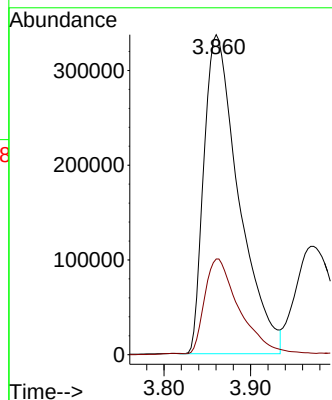
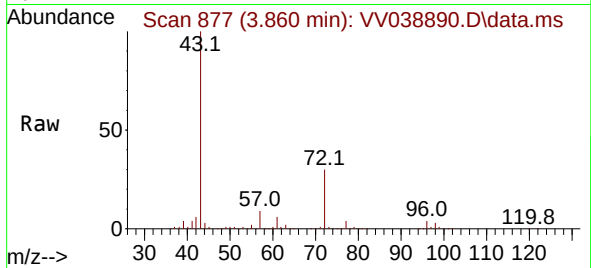




#25
2-Butanone
Concen: 261.357 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

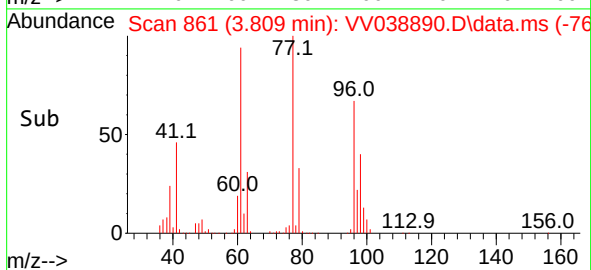
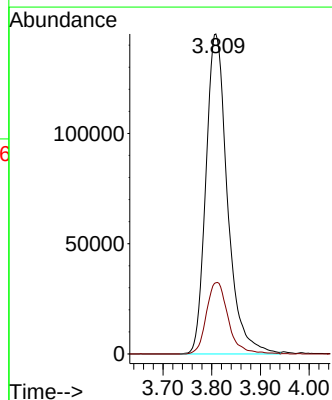
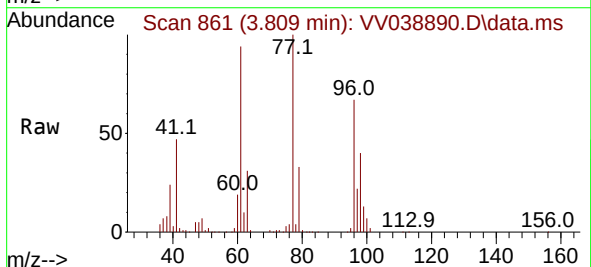
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

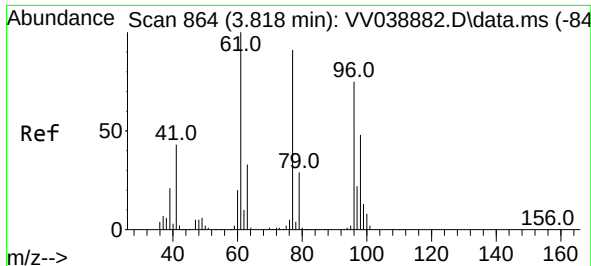
Tgt Ion: 43 Resp: 942482
Ion Ratio Lower Upper
43 100
72 29.6 23.9 35.9



#26
2,2-Dichloropropane
Concen: 49.077 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 77 Resp: 446245
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2



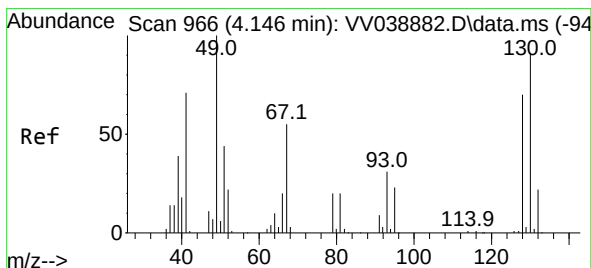
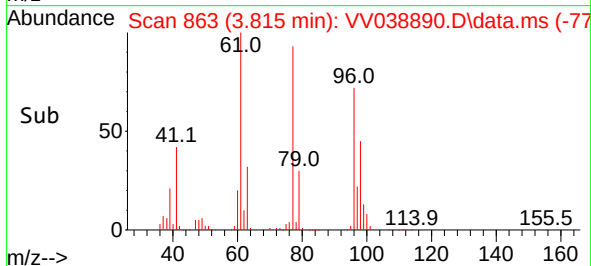
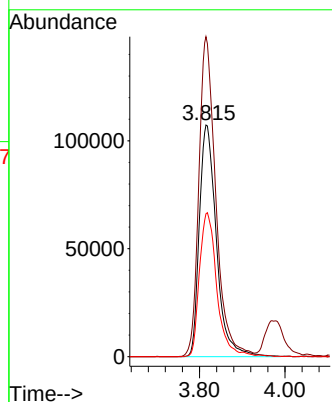
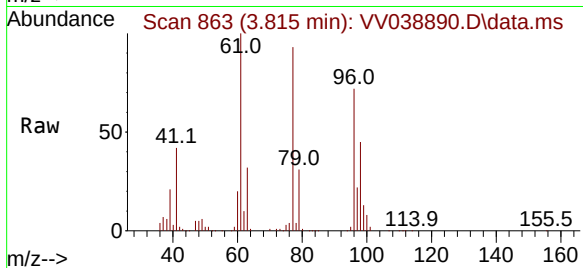


#27
 cis-1,2-Dichloroethene
 Concen: 48.926 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 297791

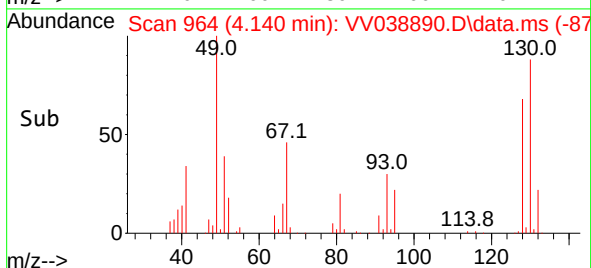
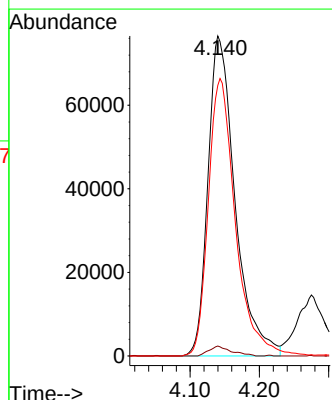
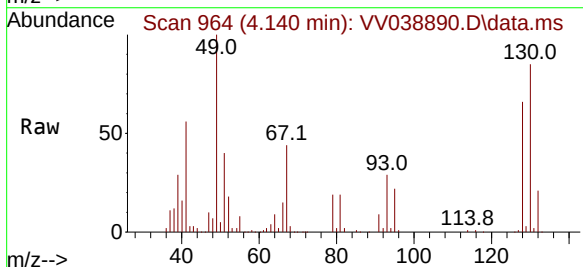
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	275.0
98	62.1	0.0	130.0

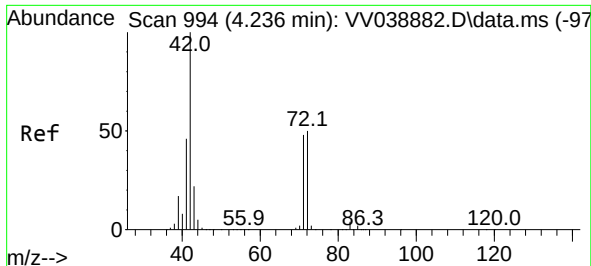


#28
 Bromochloromethane
 Concen: 51.718 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. -0.006 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion: 49 Resp: 207900

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	86.8	70.1	105.1





#29

Tetrahydrofuran

Concen: 257.516 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

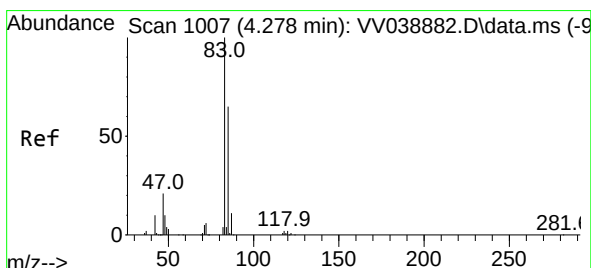
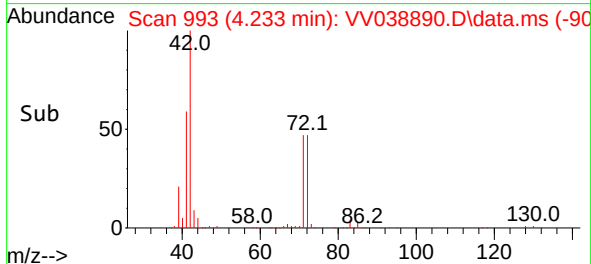
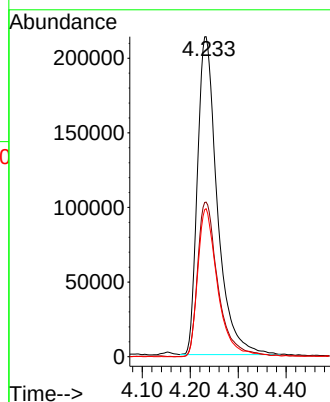
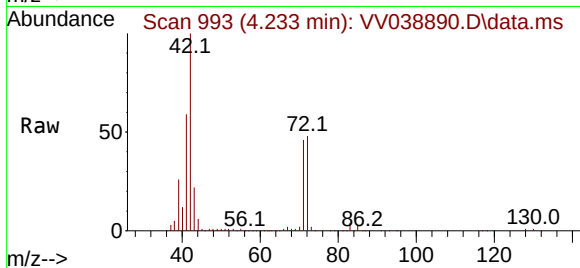
Tgt Ion: 42 Resp: 612041

Ion Ratio Lower Upper

42 100

72 50.0 41.6 62.4

71 46.8 38.4 57.6



#30

Chloroform

Concen: 46.892 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038890.D

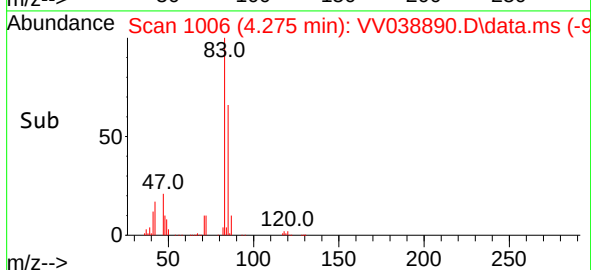
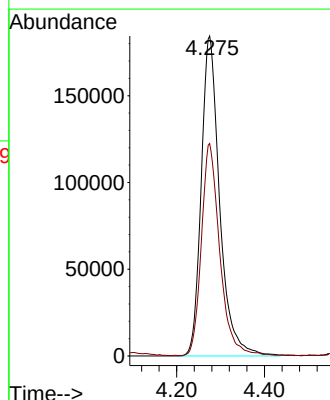
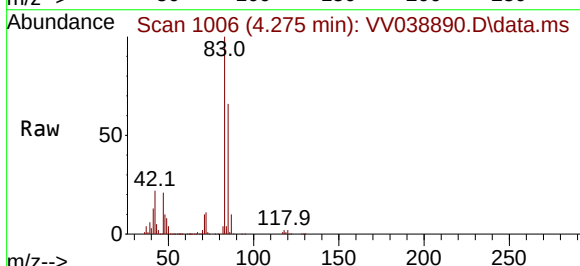
Acq: 15 Jul 2025 08:54

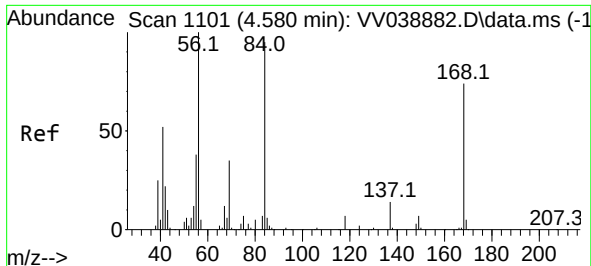
Tgt Ion: 83 Resp: 536911

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

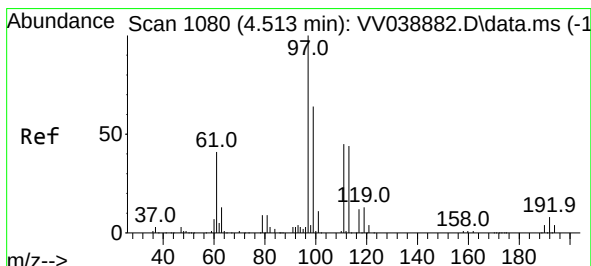
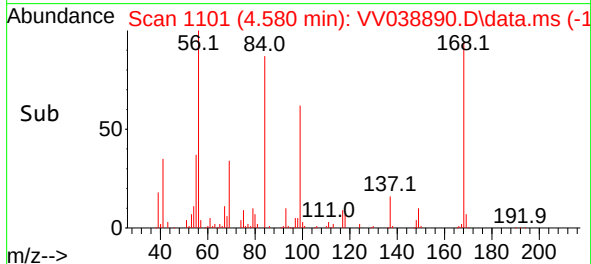
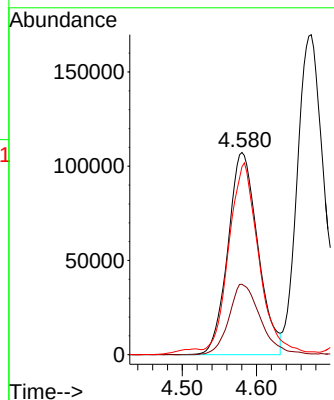
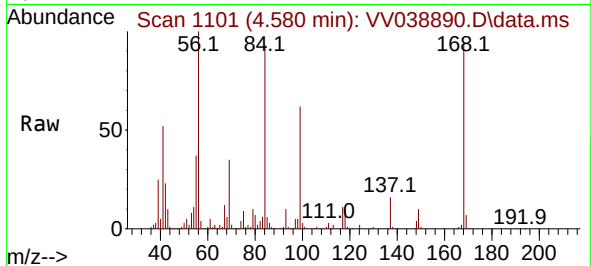




#31
Cyclohexane
Concen: 44.118 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

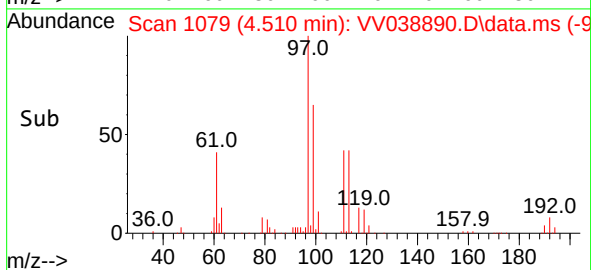
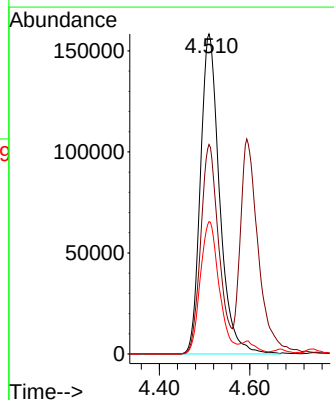
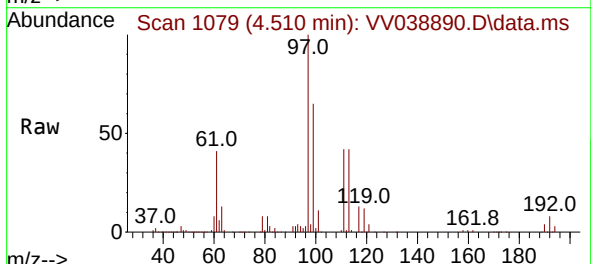
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

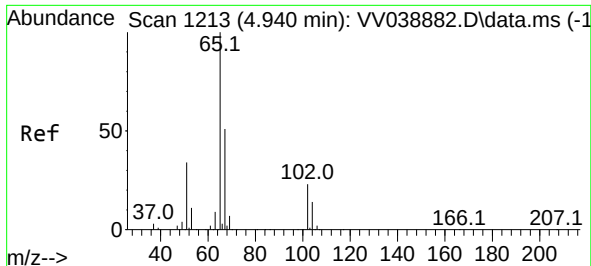
Tgt Ion: 56 Resp: 300738
Ion Ratio Lower Upper
56 100
69 34.8 28.2 42.2
84 90.9 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 46.645 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 97 Resp: 465991
Ion Ratio Lower Upper
97 100
99 61.5 50.1 75.1
61 40.9 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 42.104 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

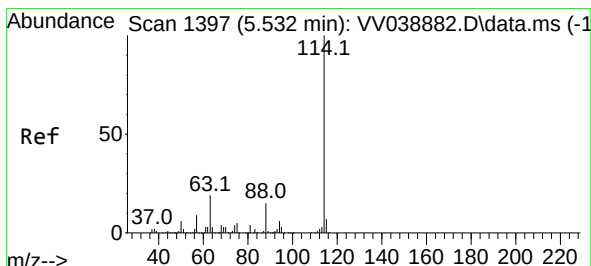
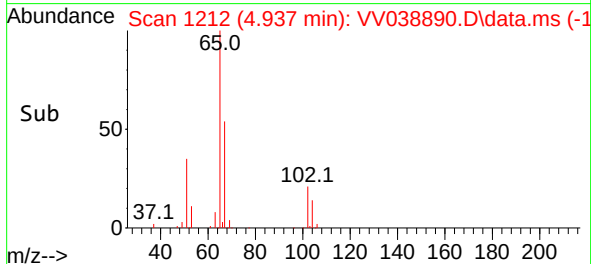
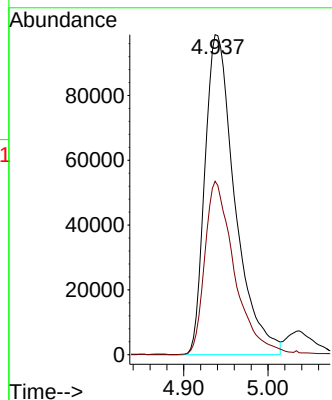
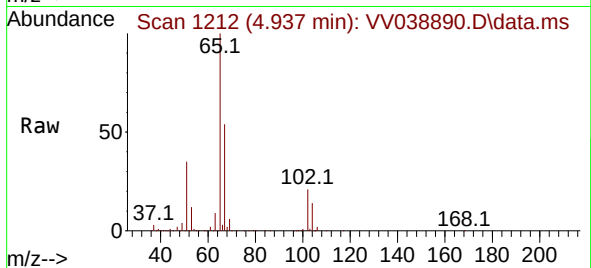
VSTDCCC050

Tgt Ion: 65 Resp: 244798

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

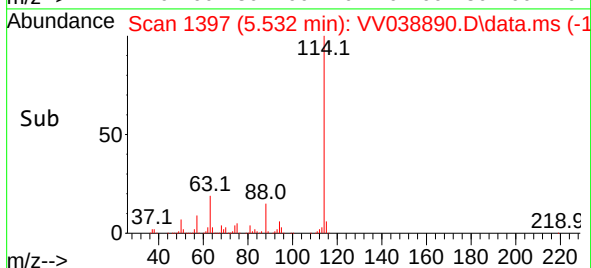
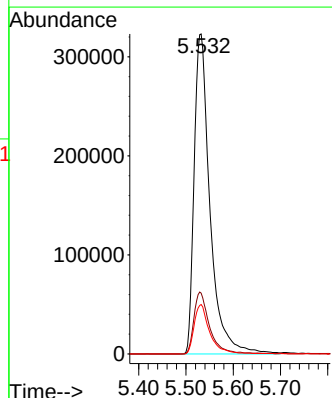
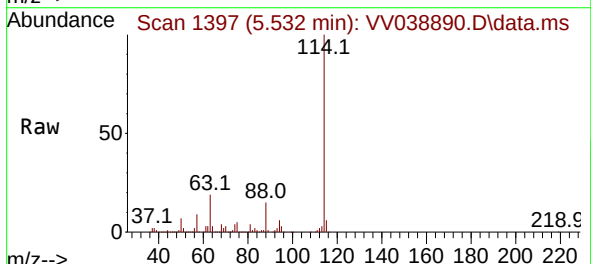
Tgt Ion: 114 Resp: 751973

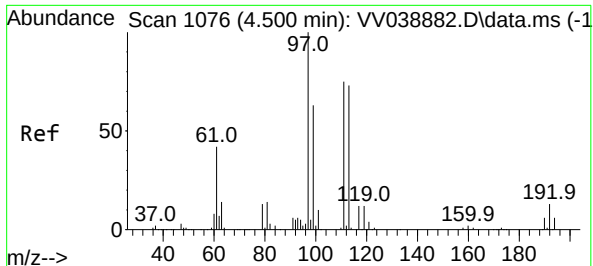
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

88 15.4 0.0 30.8

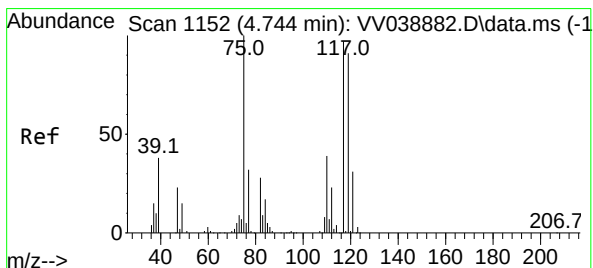
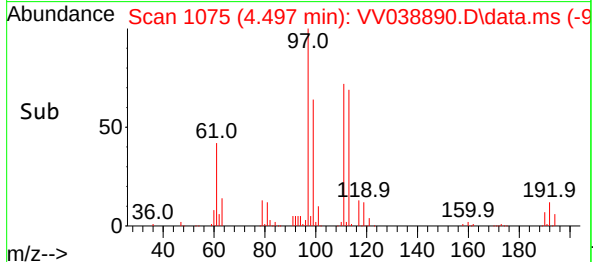
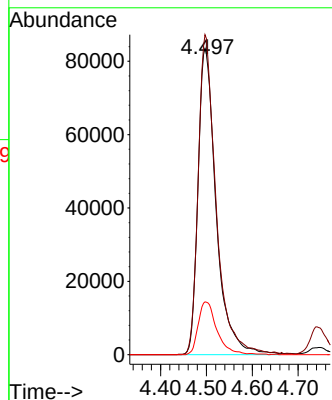
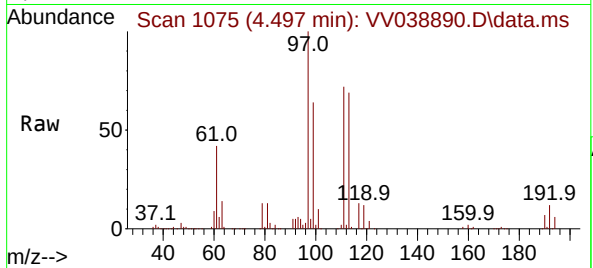




#35
Dibromofluoromethane
Concen: 44.778 ug/l
RT: 4.497 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

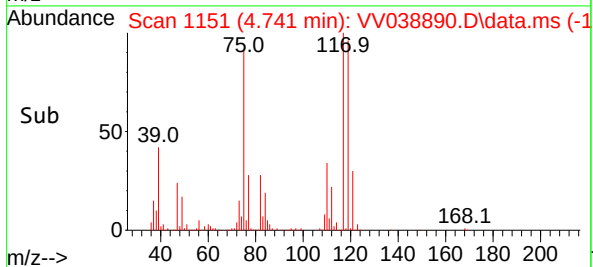
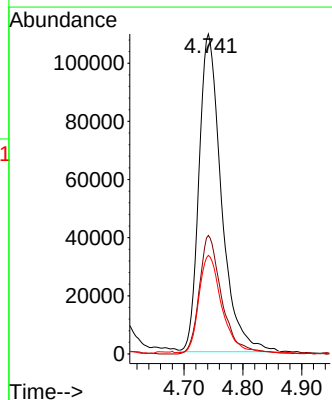
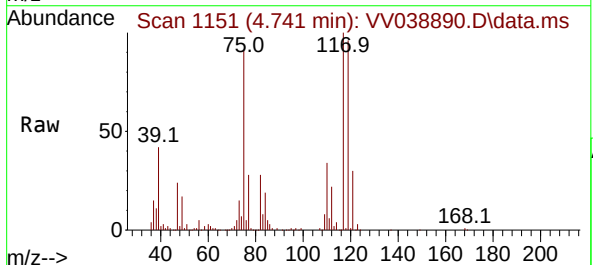
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

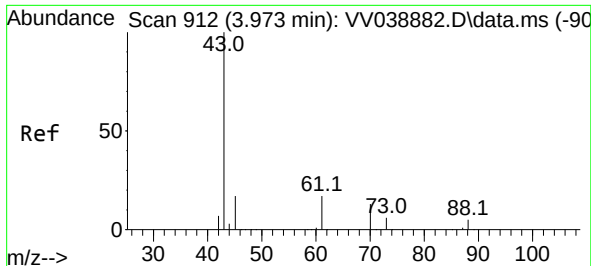
Tgt Ion:113 Resp: 229577
Ion Ratio Lower Upper
113 100
111 102.8 83.3 124.9
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 49.173 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 75 Resp: 289739
Ion Ratio Lower Upper
75 100
110 37.8 18.8 56.3
77 31.1 24.2 36.4

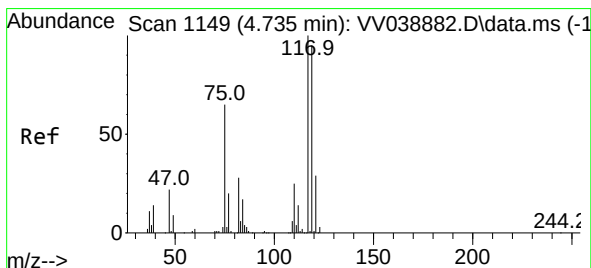
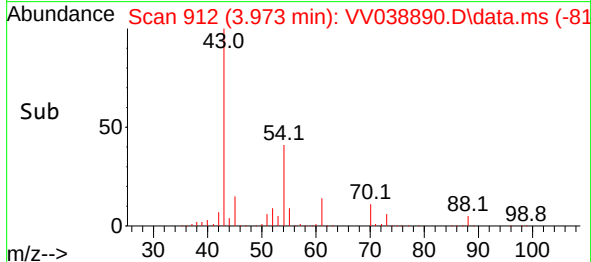
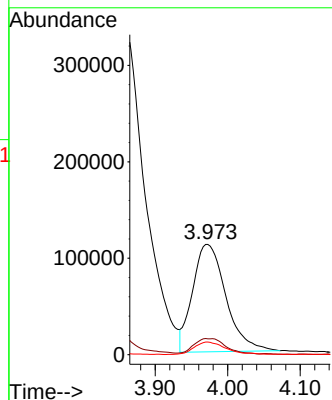
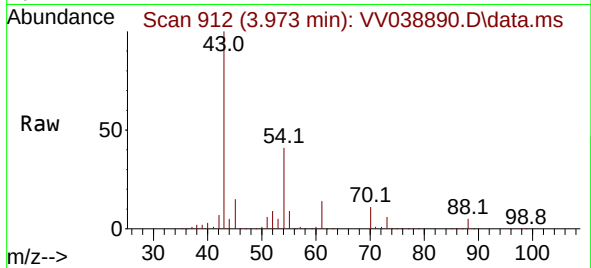




#37
Ethyl Acetate
Concen: 51.363 ug/l
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

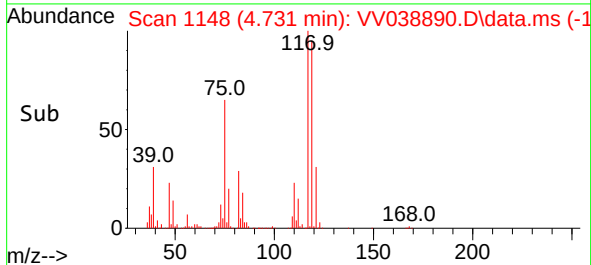
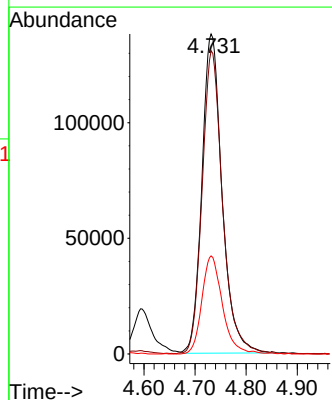
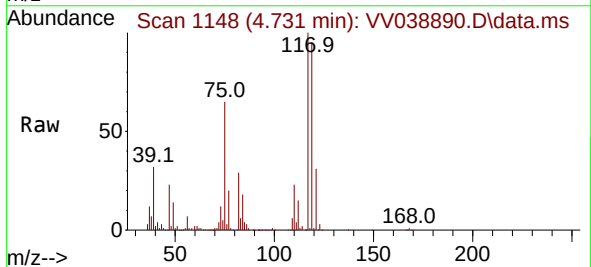
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

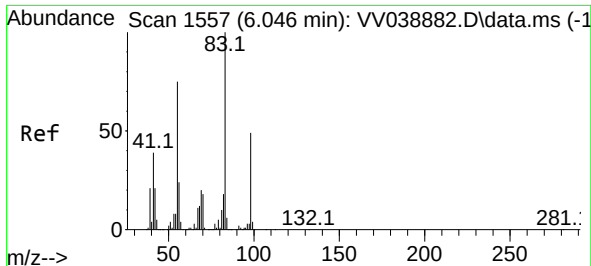
Tgt Ion: 43 Resp: 356328
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.501 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 117 Resp: 379604
Ion Ratio Lower Upper
117 100
119 94.8 76.0 114.0
121 30.8 23.1 34.7





#39

Methylcyclohexane

Concen: 46.611 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

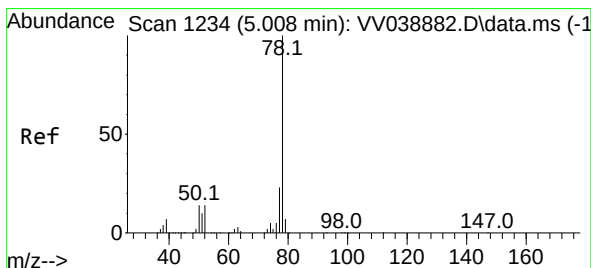
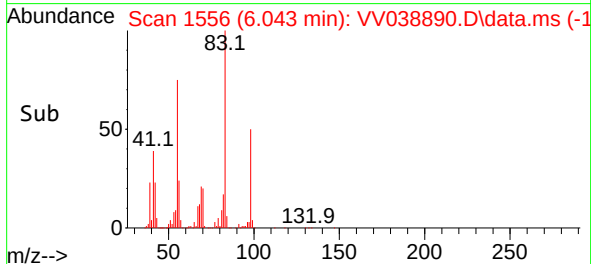
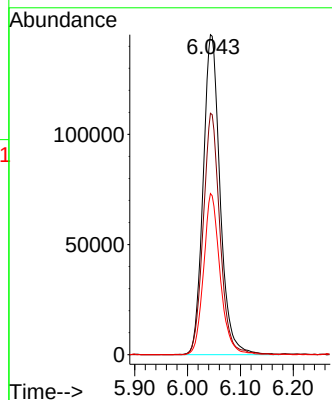
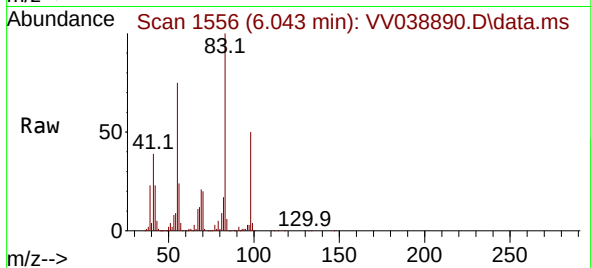
Tgt Ion: 83 Resp: 324059

Ion Ratio Lower Upper

83 100

55 75.3 60.0 90.0

98 50.3 39.0 58.6



#40

Benzene

Concen: 49.110 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038890.D

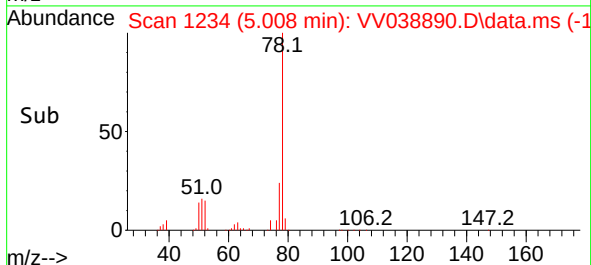
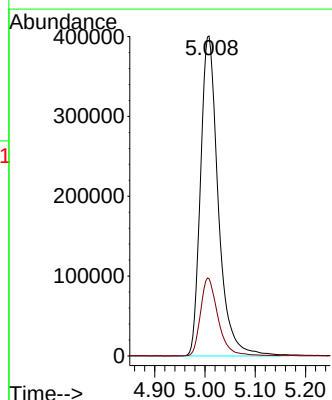
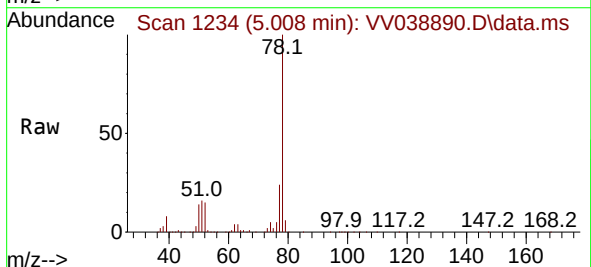
Acq: 15 Jul 2025 08:54

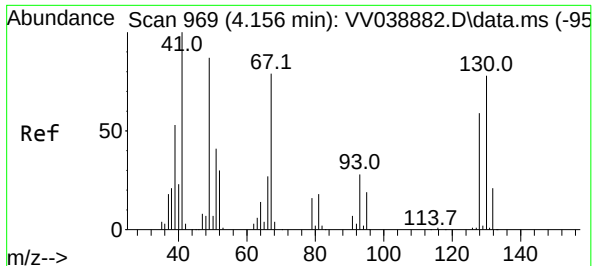
Tgt Ion: 78 Resp: 980938

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0



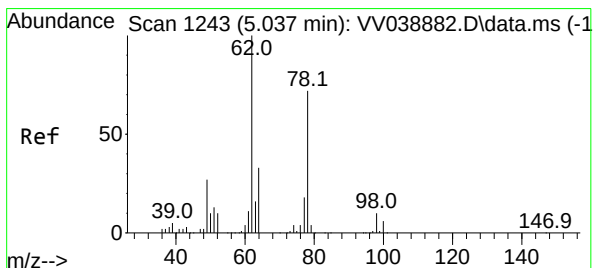
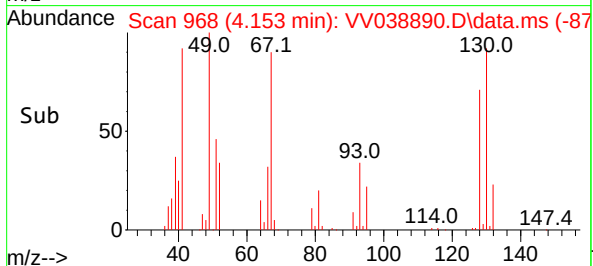
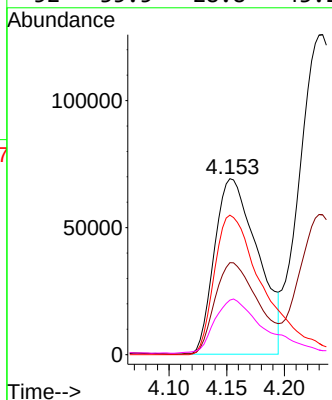
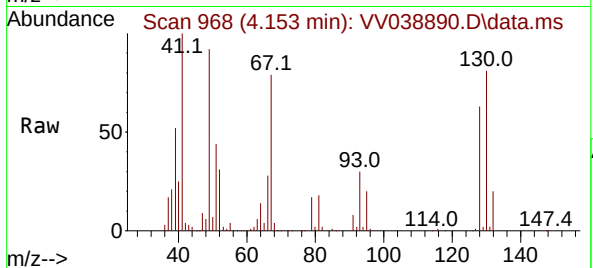


#41
Methacrylonitrile
Concen: 56.636 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 180320

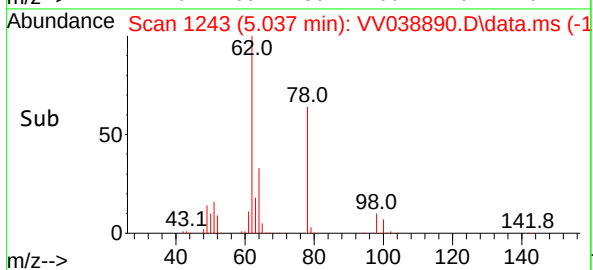
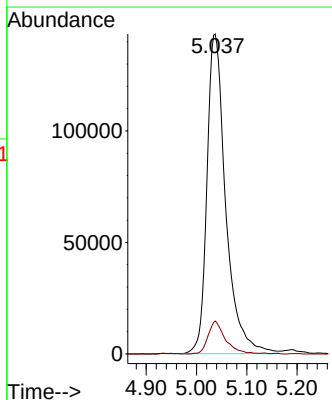
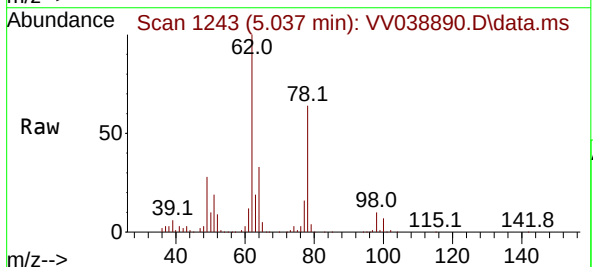
Ion	Ratio	Lower	Upper
41	100		
39	51.7	42.0	63.0
67	93.8	76.2	114.2
52	35.5	28.8	43.2

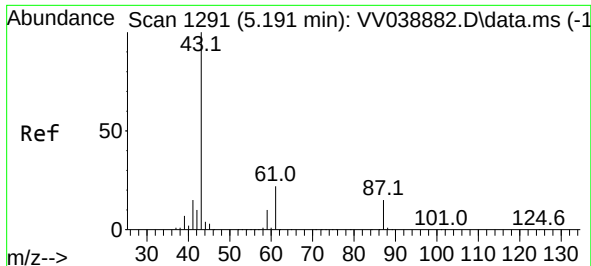


#42
1,2-Dichloroethane
Concen: 48.912 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 62 Resp: 372394

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

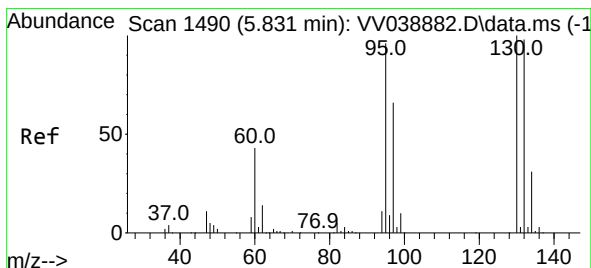
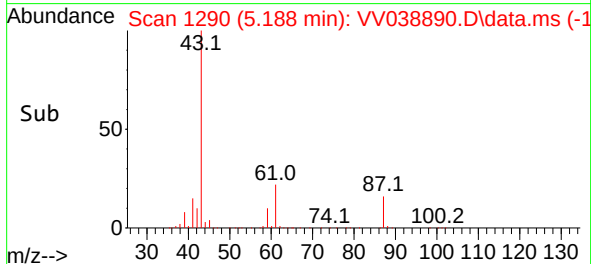
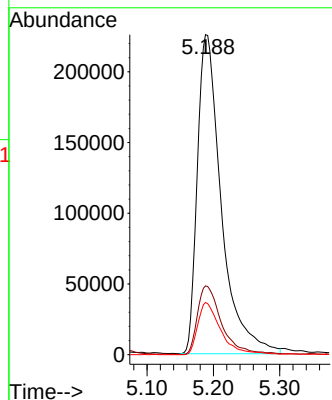
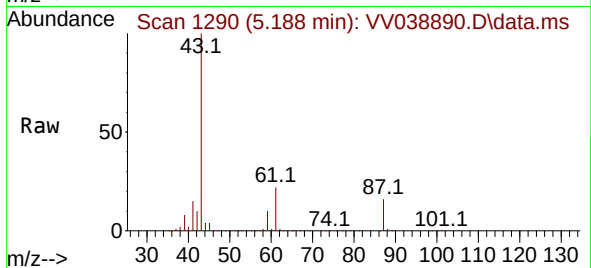




#43
Isopropyl Acetate
Concen: 51.759 ug/l
RT: 5.188 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

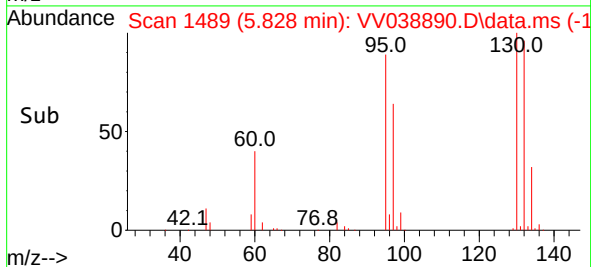
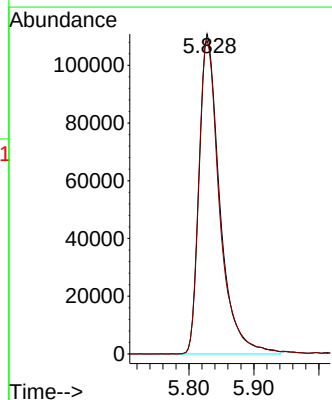
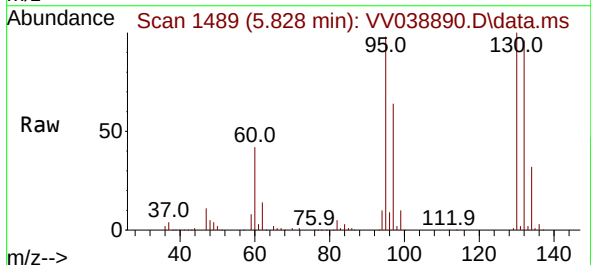
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

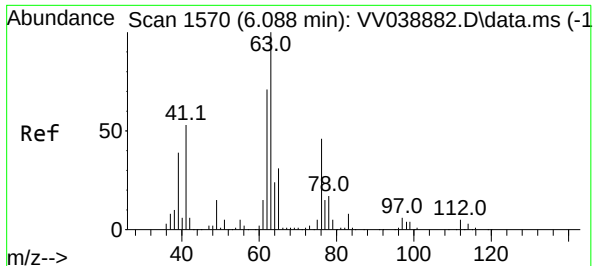
Tgt Ion: 43 Resp: 567882
Ion Ratio Lower Upper
43 100
61 21.6 17.1 25.7
87 15.7 12.2 18.4



#44
Trichloroethene
Concen: 46.994 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 130 Resp: 245282
Ion Ratio Lower Upper
130 100
95 97.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.152 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

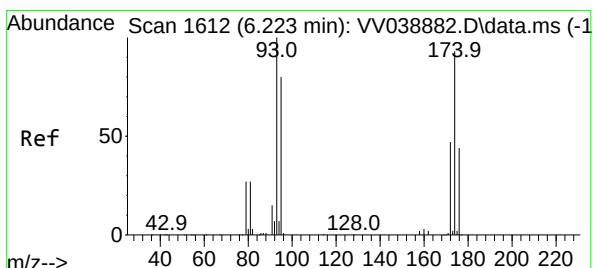
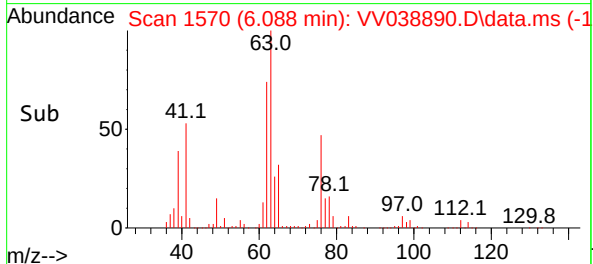
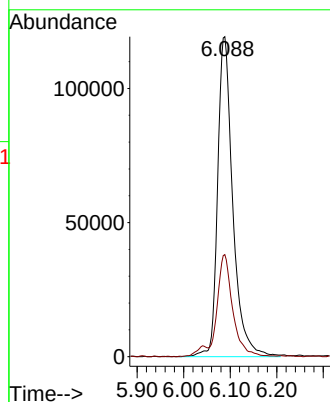
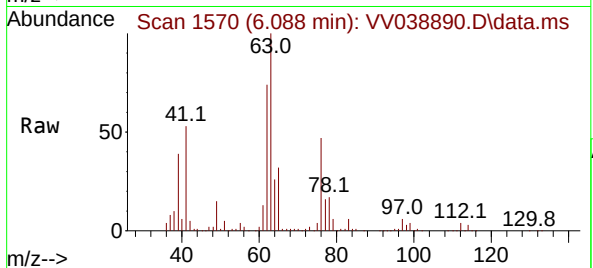
VSTDCCC050

Tgt Ion: 63 Resp: 269898

Ion Ratio Lower Upper

63 100

65 31.8 24.9 37.3



#46

Dibromomethane

Concen: 49.001 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

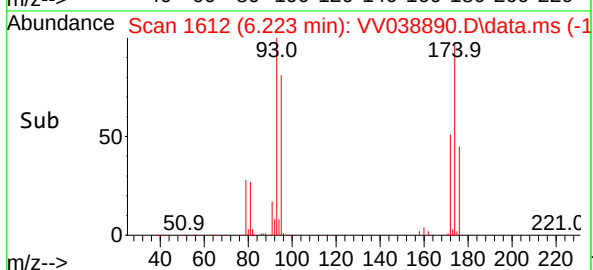
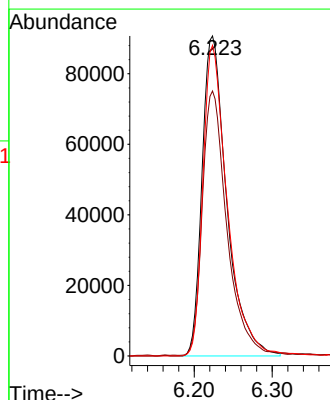
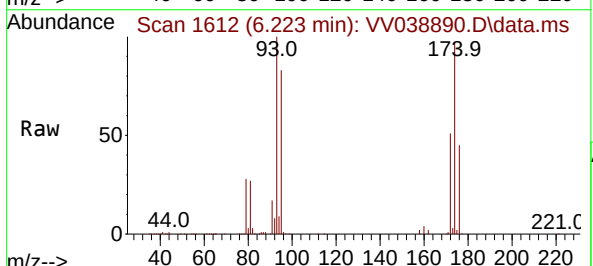
Tgt Ion: 93 Resp: 200044

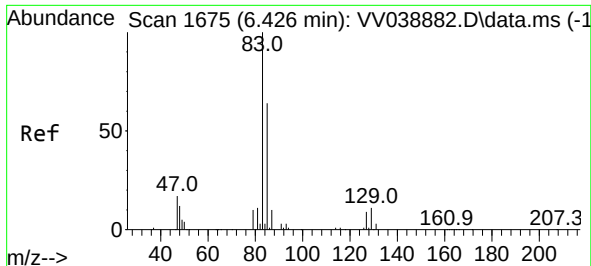
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 96.5 75.3 112.9

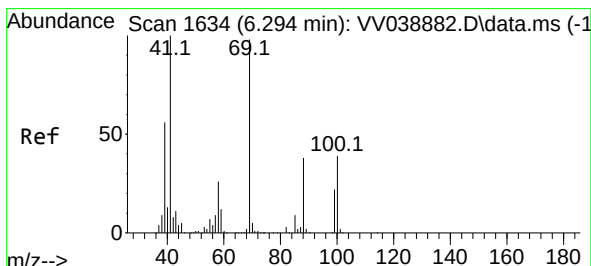
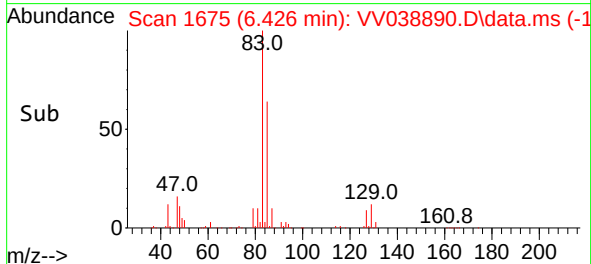
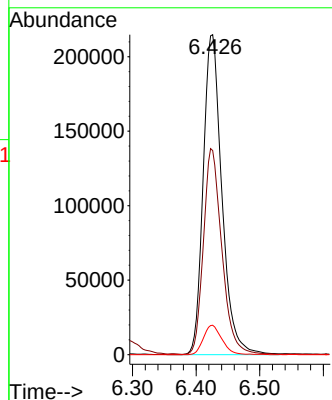
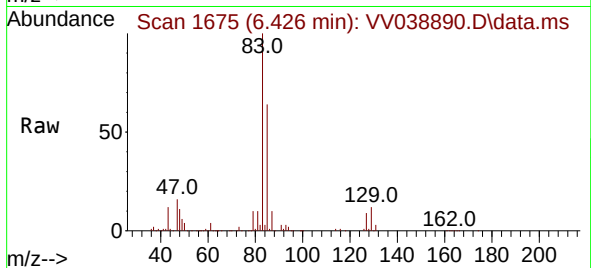




#47
Bromodichloromethane
Concen: 50.718 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

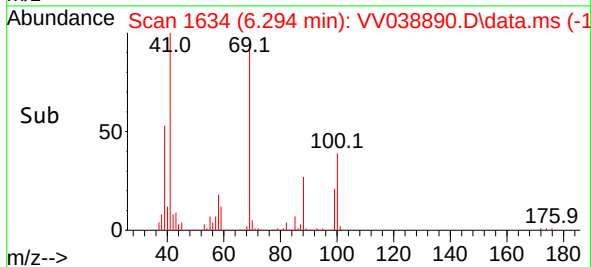
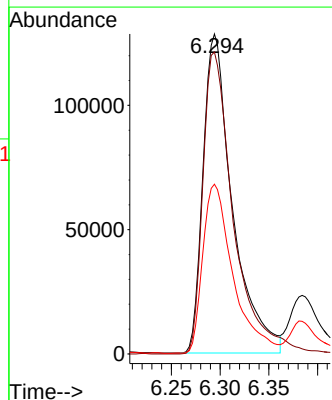
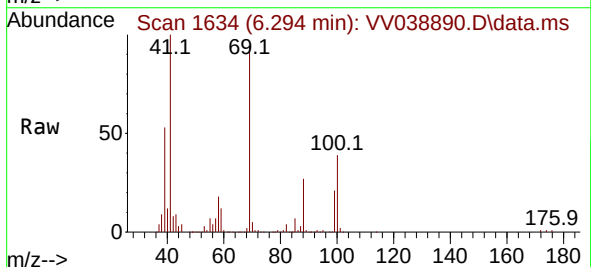
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

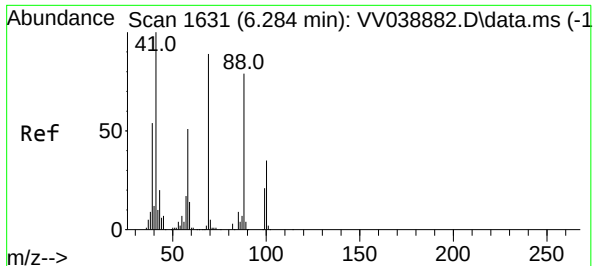
Tgt Ion: 83 Resp: 439422
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 56.724 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 41 Resp: 270095
Ion Ratio Lower Upper
41 100
69 98.7 79.4 119.2
39 54.6 44.0 66.0





#49

1,4-Dioxane

Concen: 880.190 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

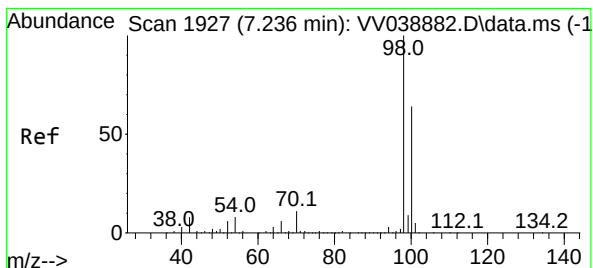
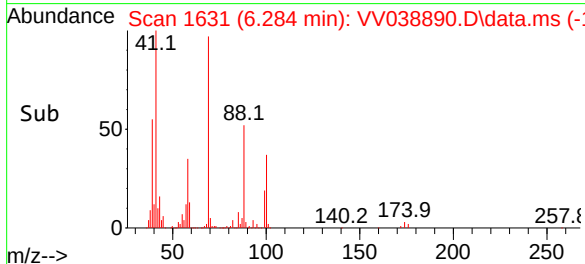
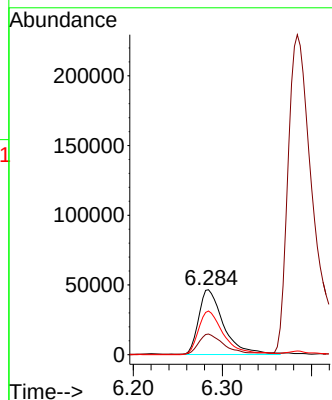
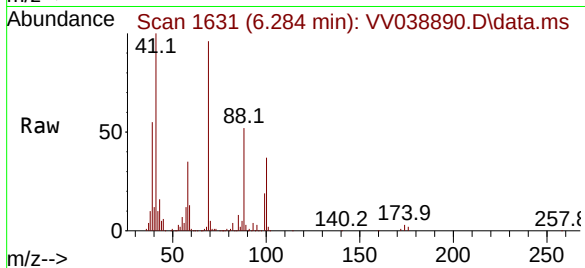
Tgt Ion: 88 Resp: 90300

Ion Ratio Lower Upper

88 100

43 32.5 23.0 34.4

58 68.7 53.8 80.6



#50

Toluene-d8

Concen: 43.680 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038890.D

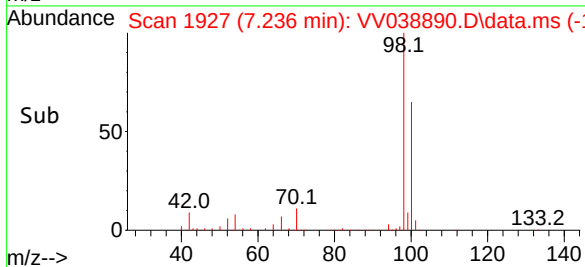
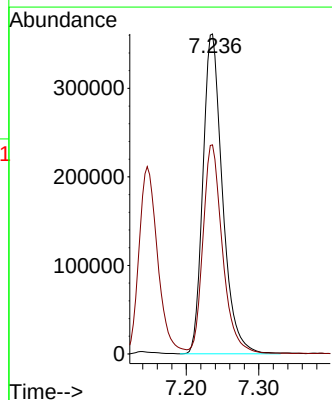
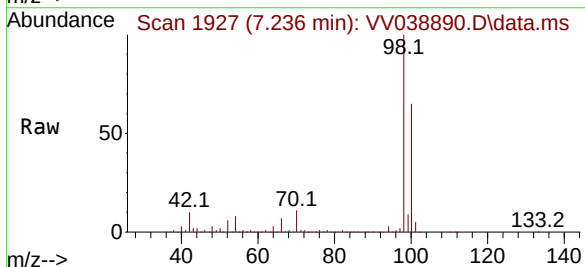
Acq: 15 Jul 2025 08:54

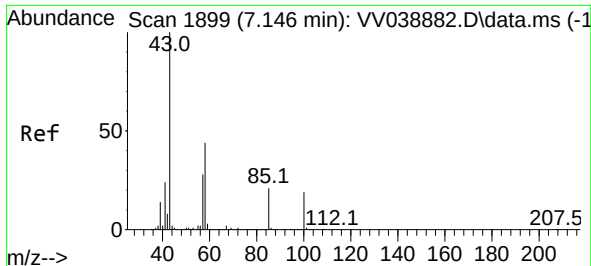
Tgt Ion: 98 Resp: 676927

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3

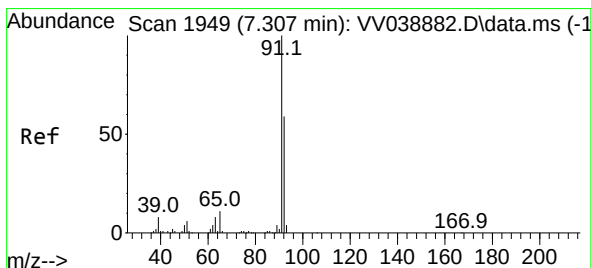
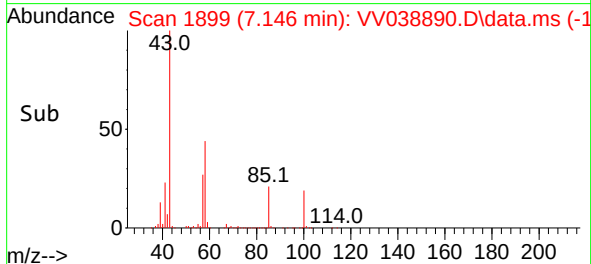
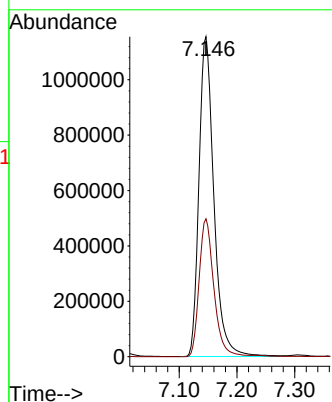
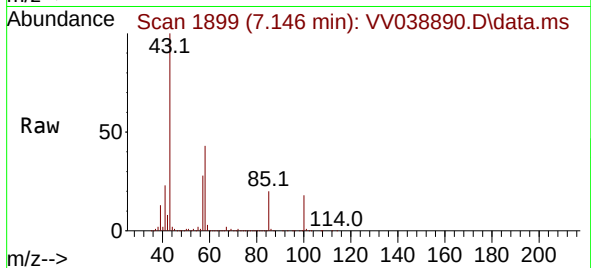




#51
4-Methyl-2-Pentanone
Concen: 277.728 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

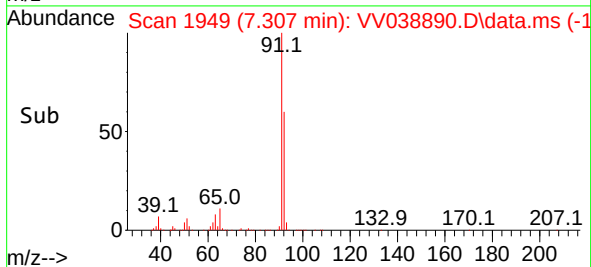
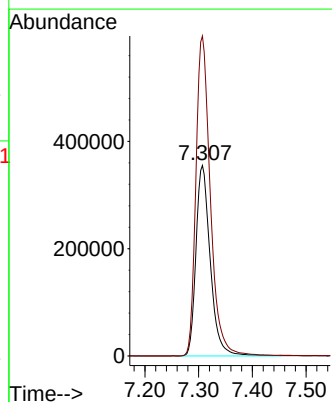
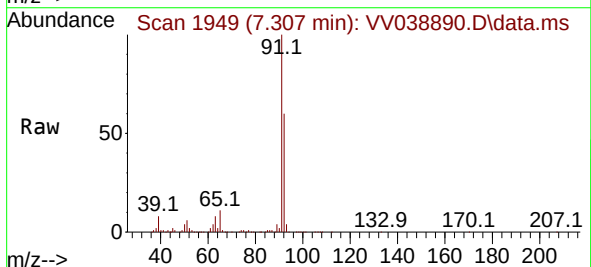
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

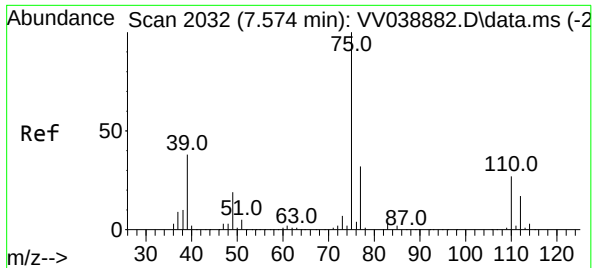
Tgt Ion: 43 Resp: 2074851
Ion Ratio Lower Upper
43 100
58 43.0 34.5 51.7



#52
Toluene
Concen: 52.143 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 92 Resp: 656123
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7

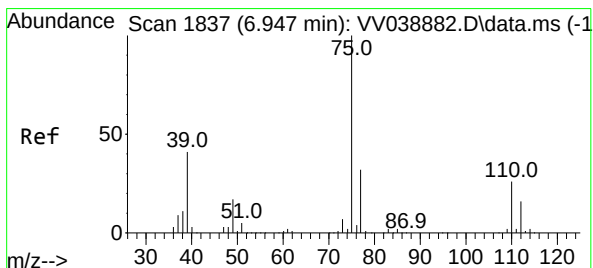
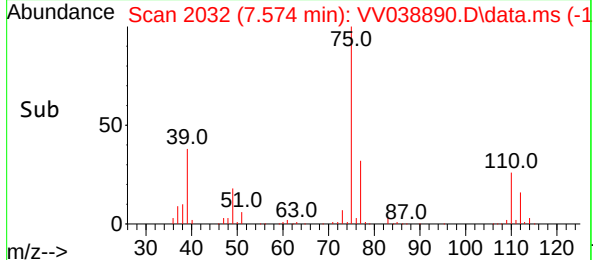
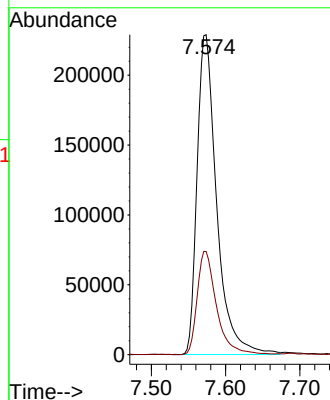
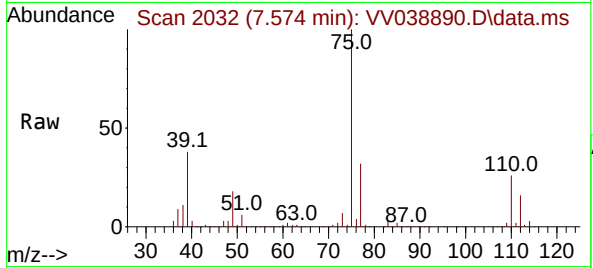




#53
 t-1,3-Dichloropropene
 Concen: 53.645 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

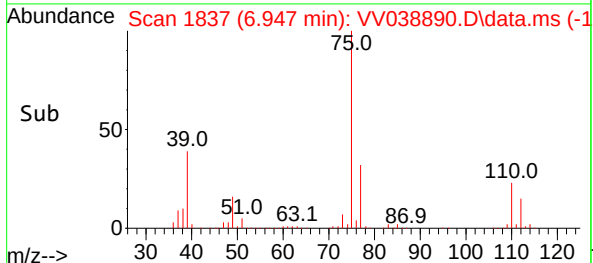
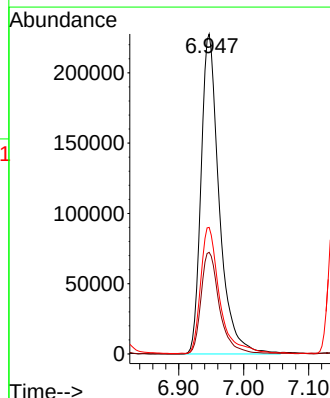
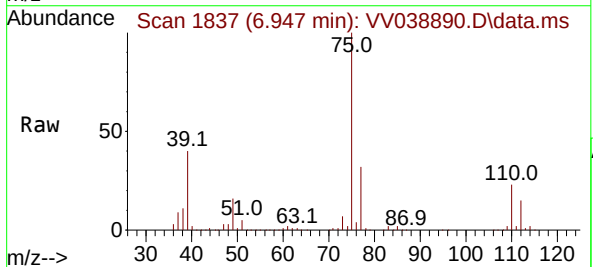
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

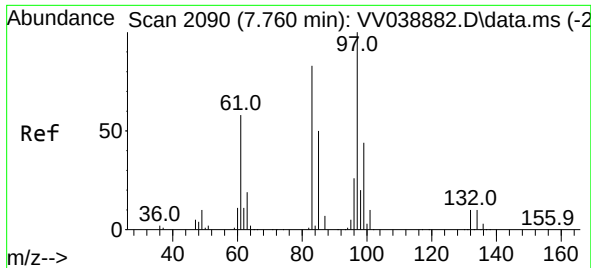
Tgt Ion: 75 Resp: 420561
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.363 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion: 75 Resp: 443756
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 39.4 33.1 49.7

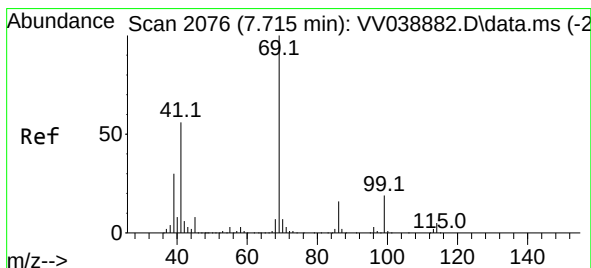
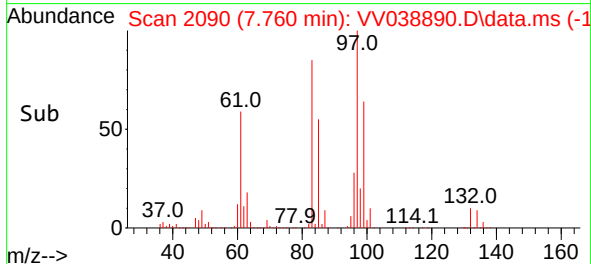
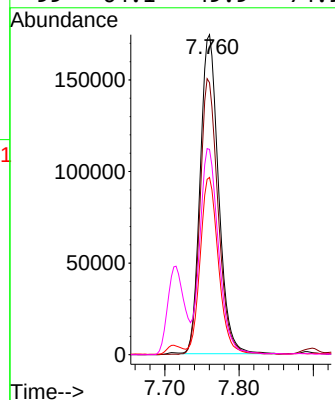
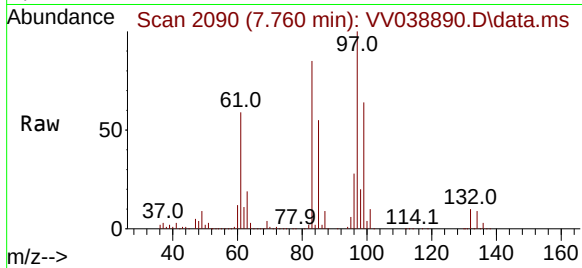




#55
 1,1,2-Trichloroethane
 Concen: 49.674 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

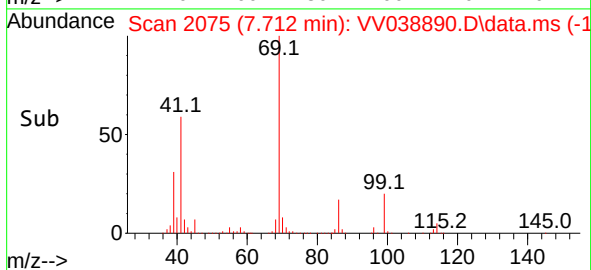
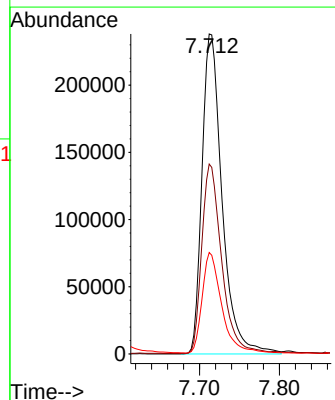
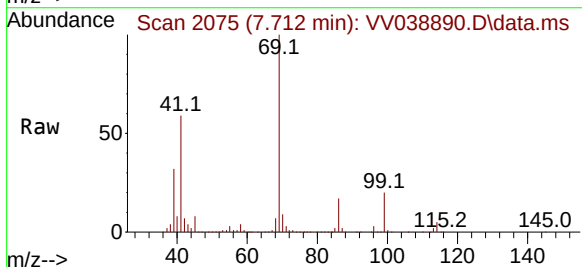
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

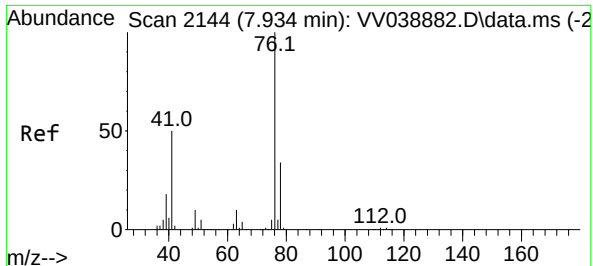
Tgt Ion:	97	Resp:	298765
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.2	99.4
85	55.3	41.4	62.2
99	64.1	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 58.508 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion:	69	Resp:	418168
Ion	Ratio	Lower	Upper
69	100		
41	58.4	45.7	68.5
39	30.7	23.8	35.8





#57

1,3-Dichloropropane

Concen: 52.209 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

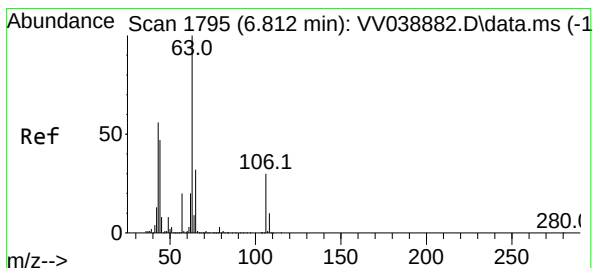
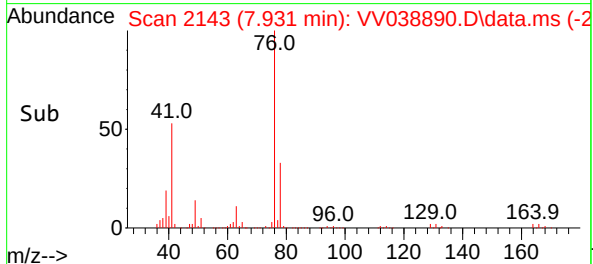
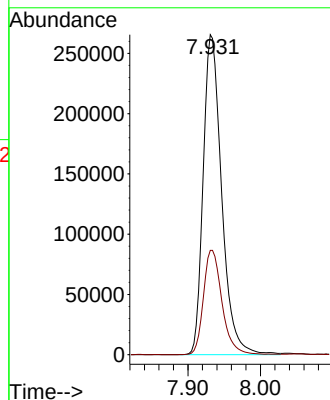
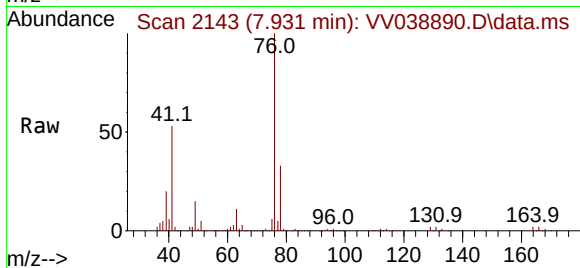
VSTDCCC050

Tgt Ion: 76 Resp: 470833

Ion Ratio Lower Upper

76 100

78 32.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 262.899 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV038890.D

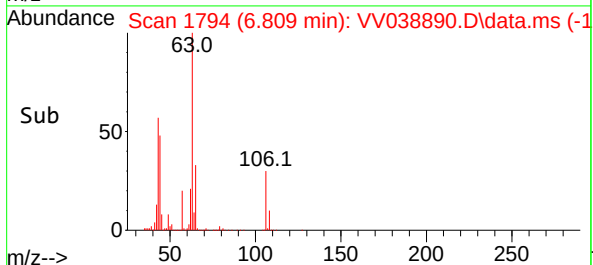
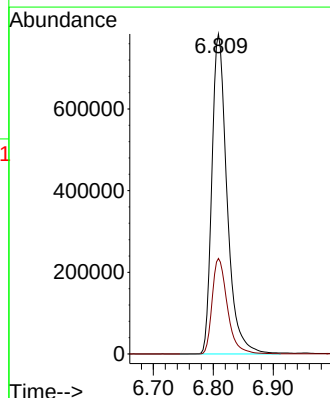
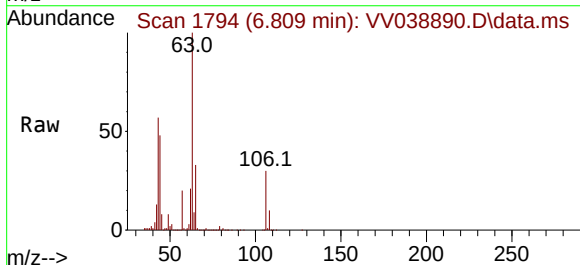
Acq: 15 Jul 2025 08:54

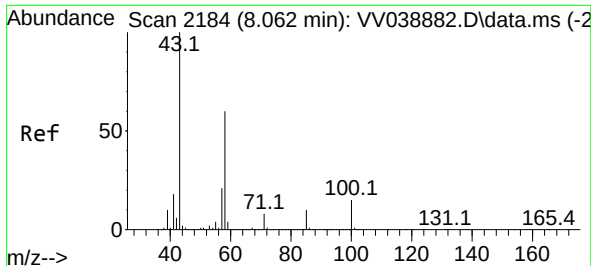
Tgt Ion: 63 Resp: 1376601

Ion Ratio Lower Upper

63 100

106 29.9 24.1 36.1

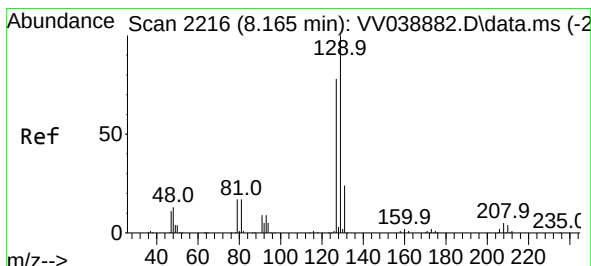
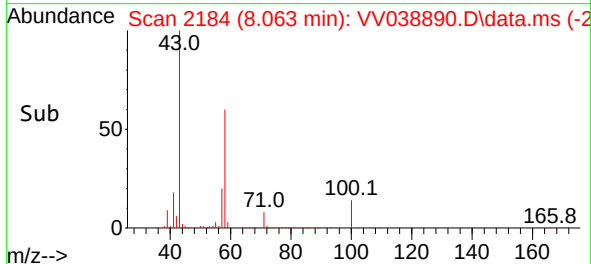
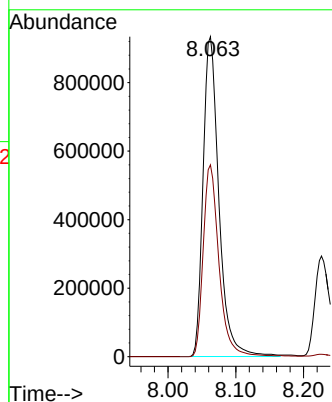
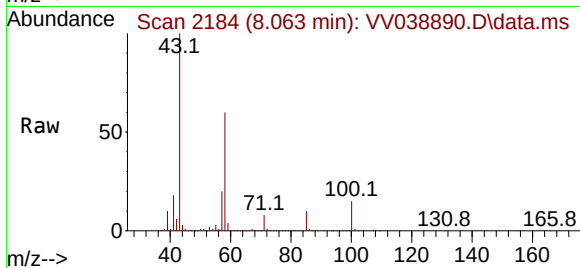




#59
2-Hexanone
Concen: 272.625 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

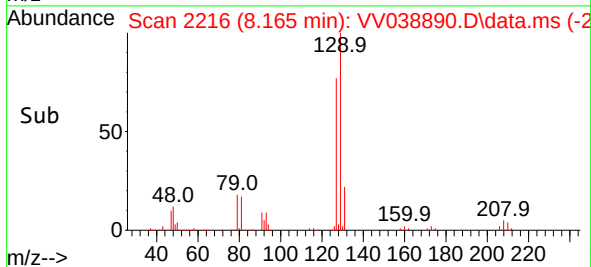
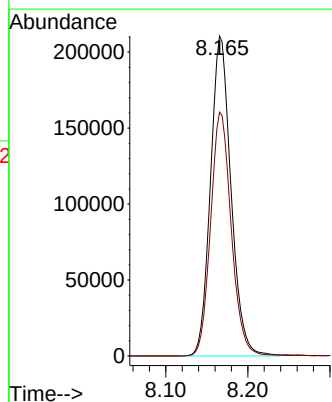
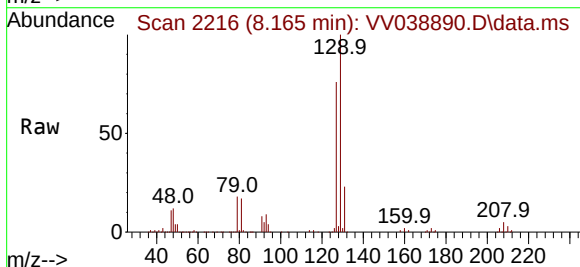
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

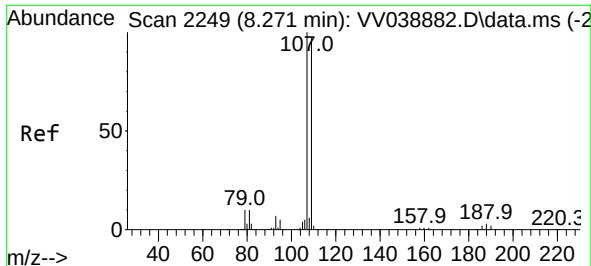
Tgt Ion: 43 Resp: 1516153
Ion Ratio Lower Upper
43 100
58 59.7 29.6 88.8



#60
Dibromochloromethane
Concen: 51.764 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 129 Resp: 366636
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.2

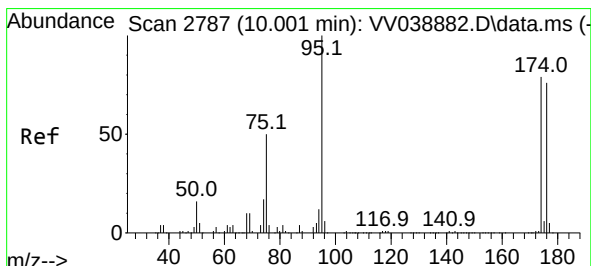
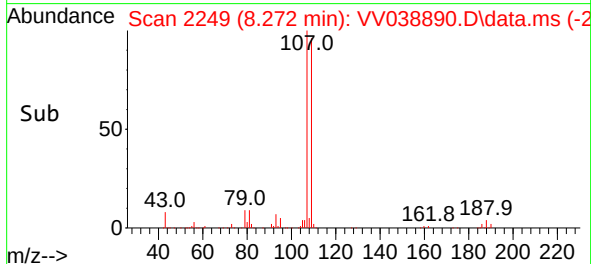
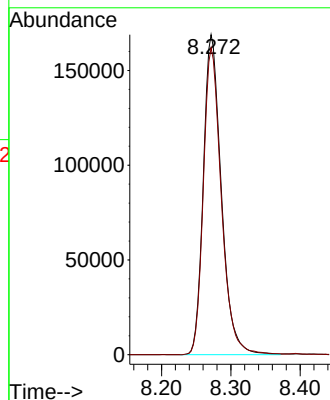
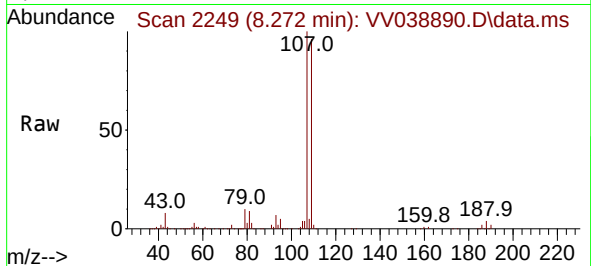




#61
1,2-Dibromoethane
Concen: 50.251 ug/l
RT: 8.272 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

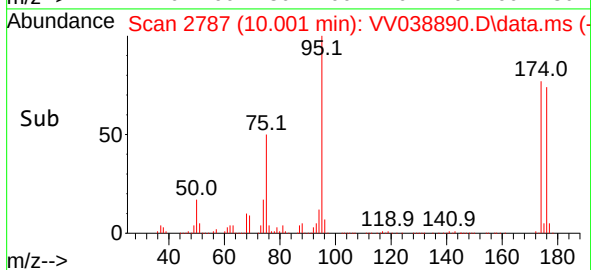
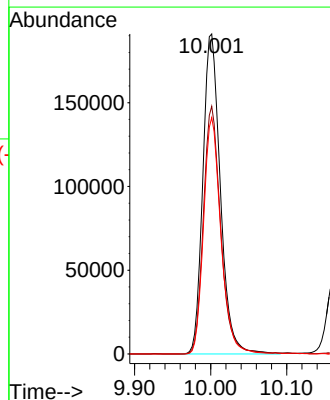
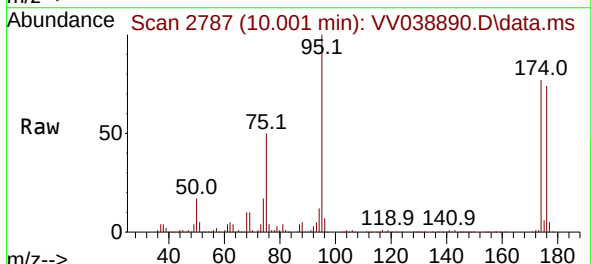
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

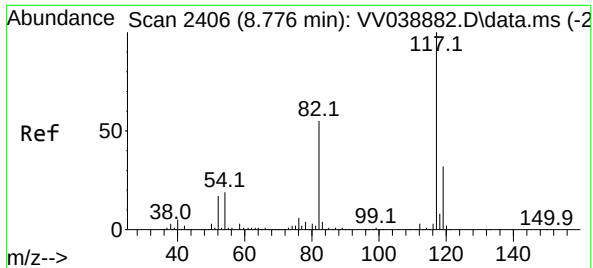
Tgt Ion:107 Resp: 304486
Ion Ratio Lower Upper
107 100
109 96.0 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 48.978 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 95 Resp: 305765
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.0
176 73.0 0.0 152.2



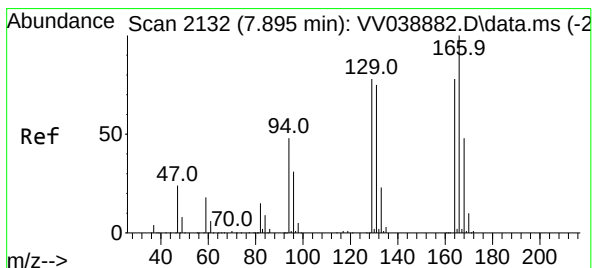
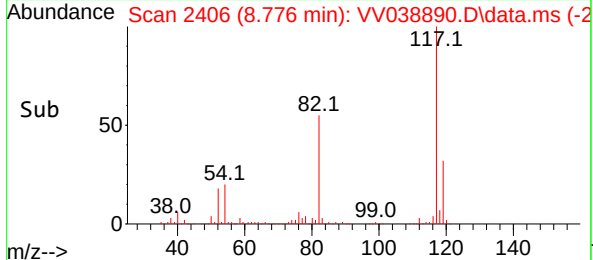
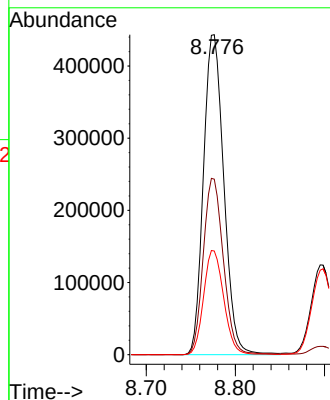
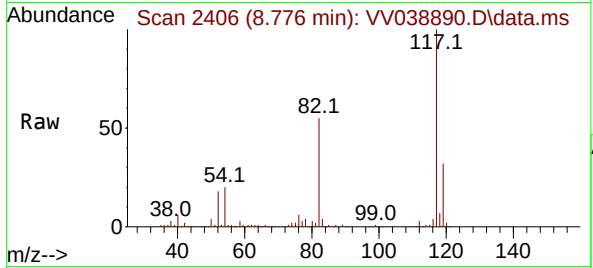


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 703505

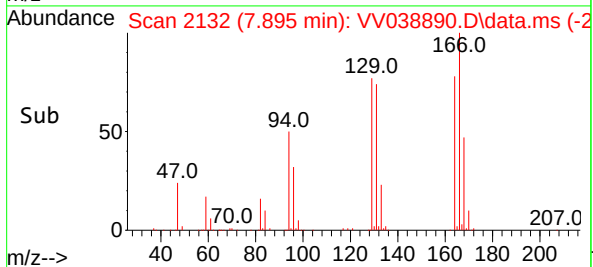
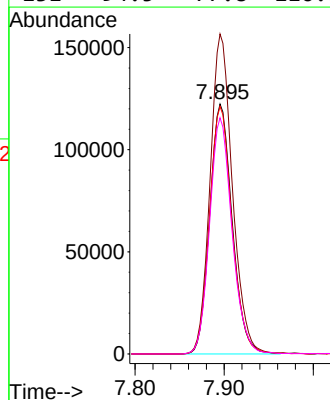
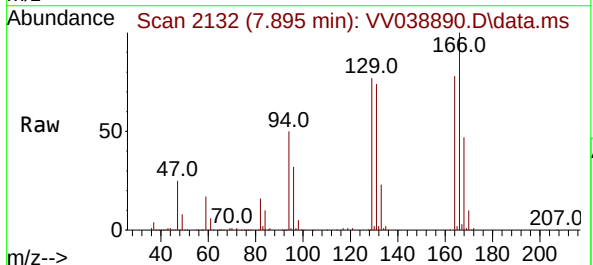
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.7	65.5
119	32.4	25.4	38.0

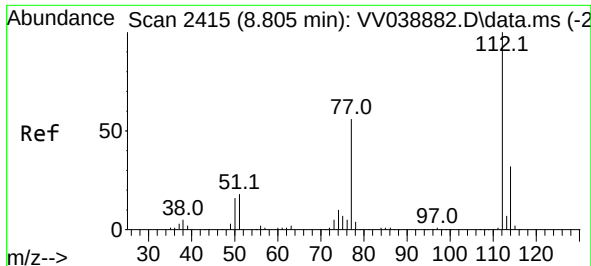


#64
Tetrachloroethene
Concen: 46.607 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion:164 Resp: 215036

Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.2	154.8
129	99.0	81.0	121.4
131	94.5	77.8	116.8

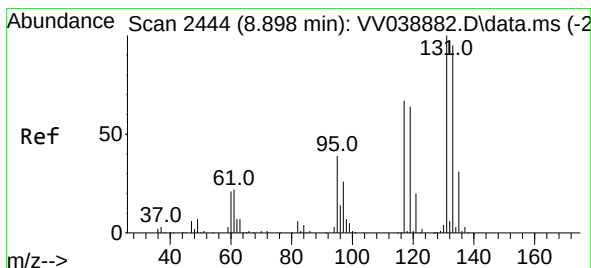
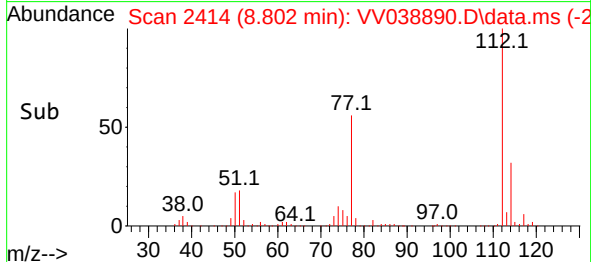
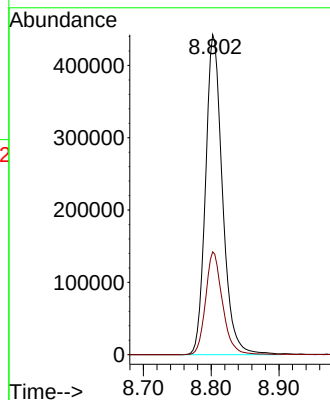
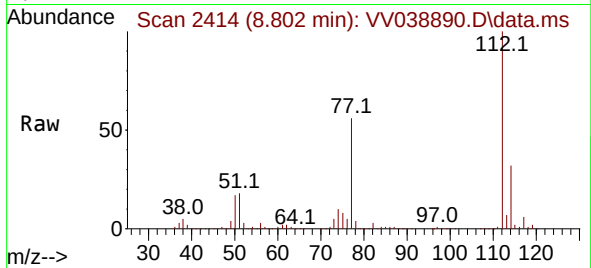




#65
Chlorobenzene
Concen: 50.009 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

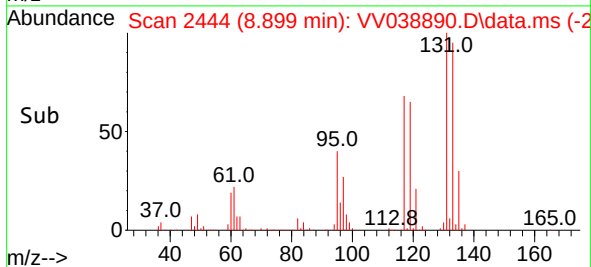
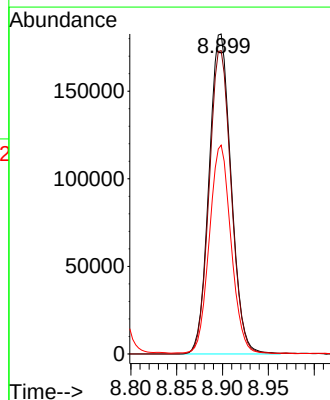
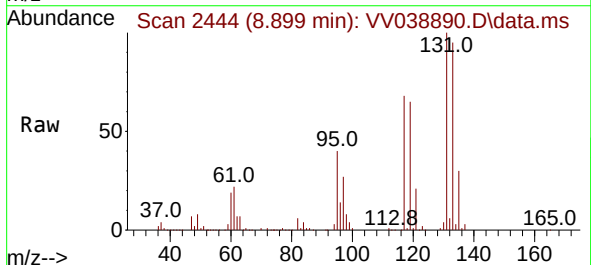
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

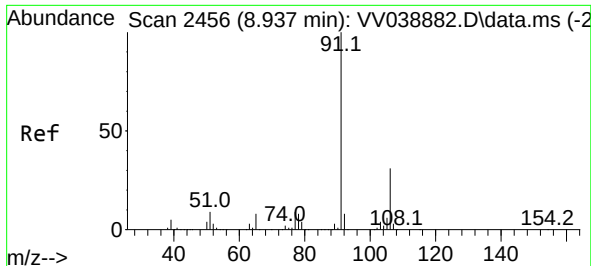
Tgt Ion:112 Resp: 768730
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.928 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion:131 Resp: 306068
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 64.0 32.0 96.2





#67

Ethyl Benzene

Concen: 55.666 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

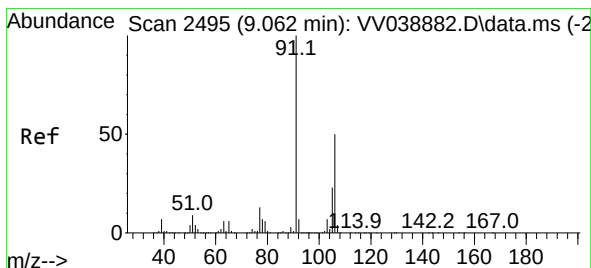
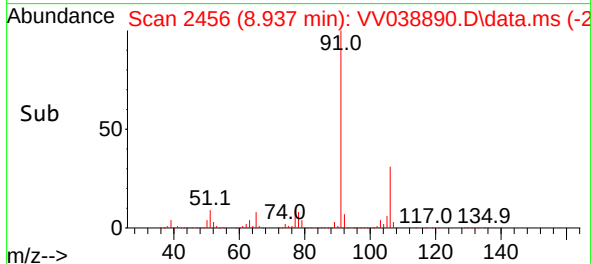
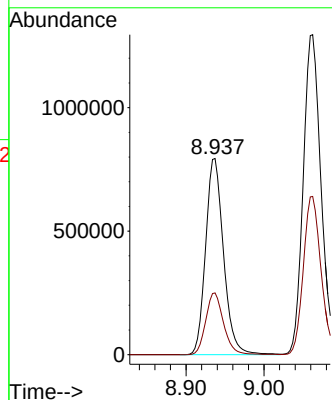
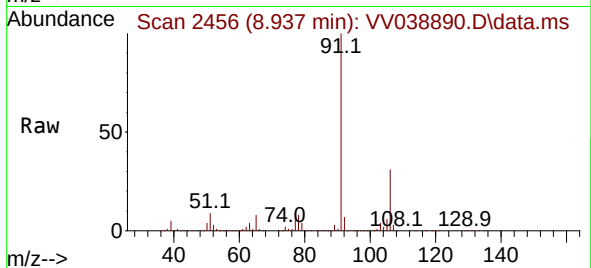
VSTDCCC050

Tgt Ion: 91 Resp: 1270581

Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2



#68

m/p-Xylenes

Concen: 115.007 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038890.D

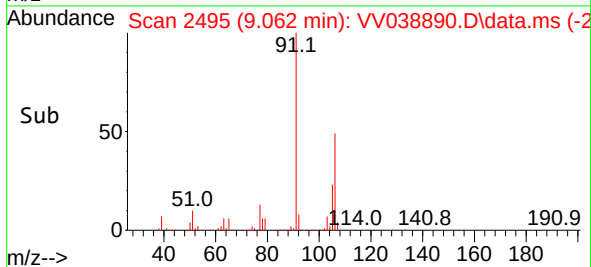
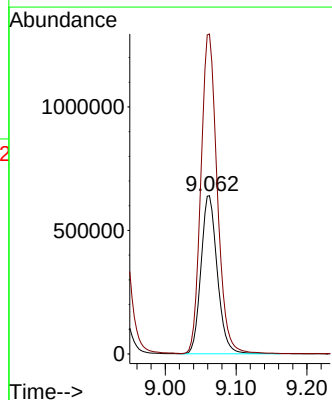
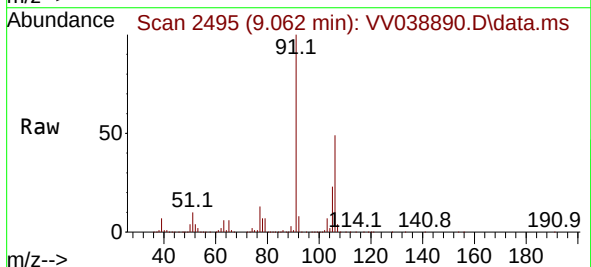
Acq: 15 Jul 2025 08:54

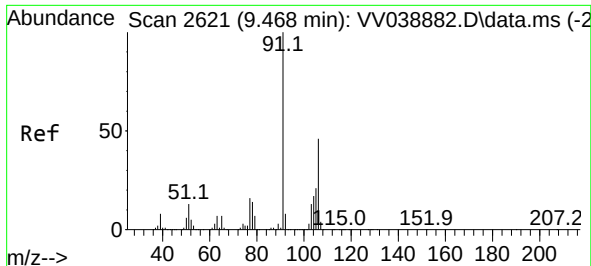
Tgt Ion:106 Resp: 1022019

Ion Ratio Lower Upper

106 100

91 202.7 161.0 241.6

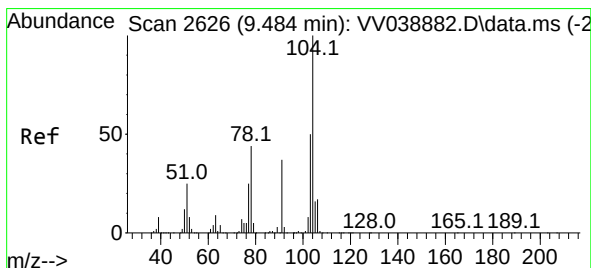
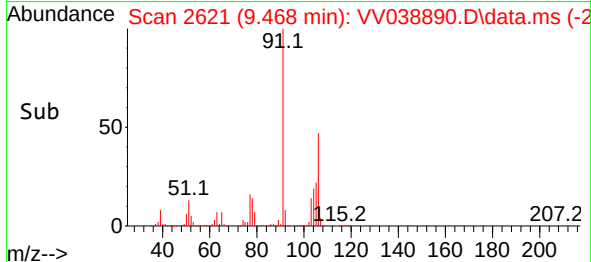
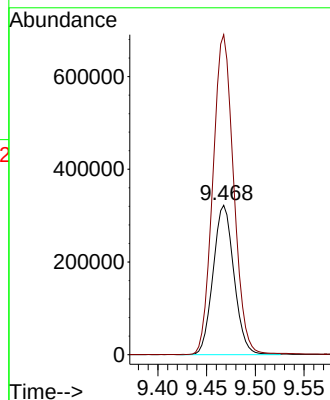
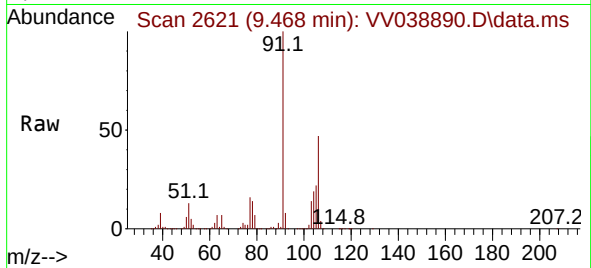




#69
o-Xylene
Concen: 57.274 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

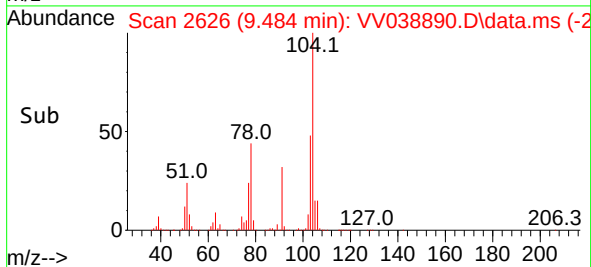
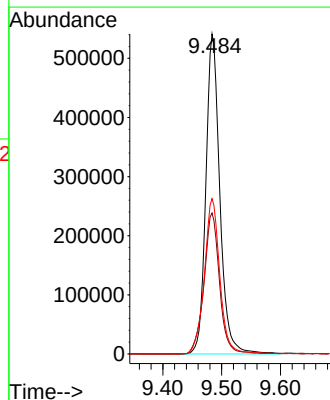
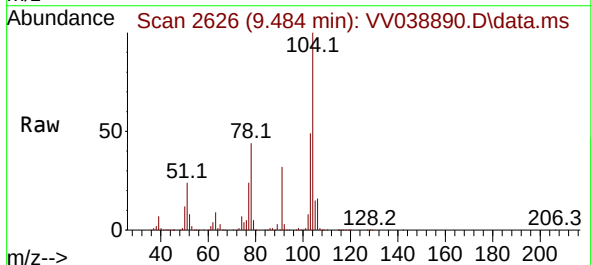
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

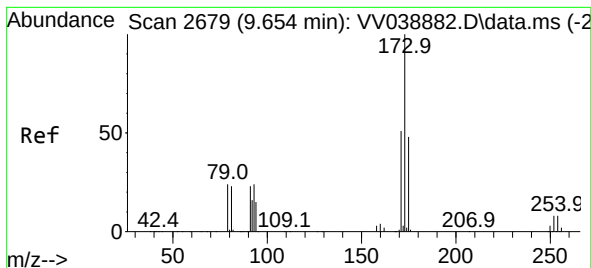
Tgt Ion:106 Resp: 480396
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.6



#70
Styrene
Concen: 60.425 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion:104 Resp: 895756
Ion Ratio Lower Upper
104 100
78 48.8 39.9 59.9
103 53.4 43.4 65.2





#71

Bromoform

Concen: 53.673 ug/l

RT: 9.654 min Scan# 2679

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

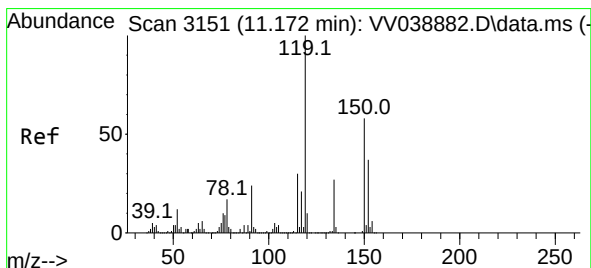
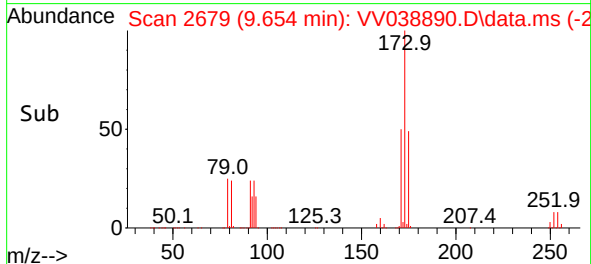
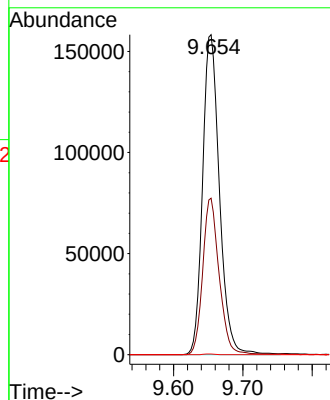
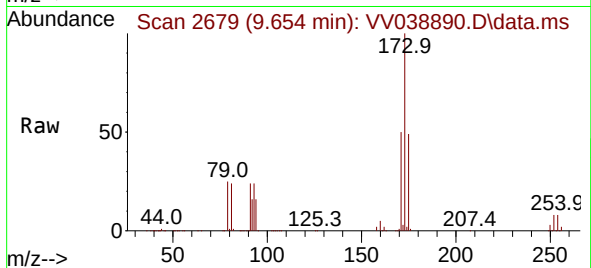
Tgt Ion:173 Resp: 267442

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

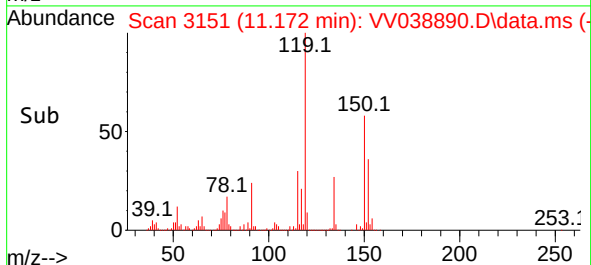
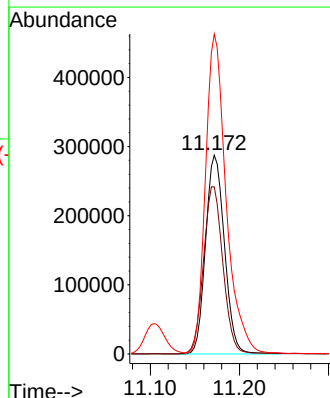
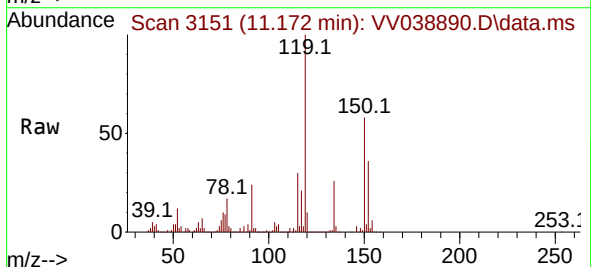
Tgt Ion:152 Resp: 422876

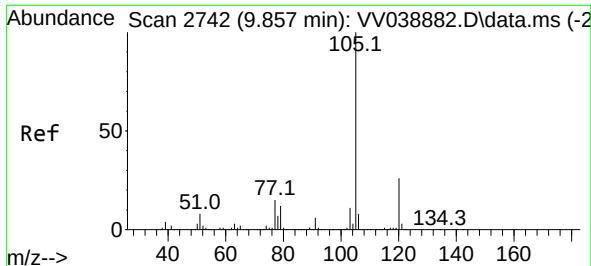
Ion Ratio Lower Upper

152 100

115 86.7 41.8 125.4

150 175.4 0.0 342.4

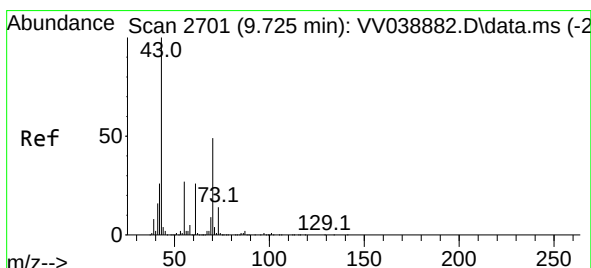
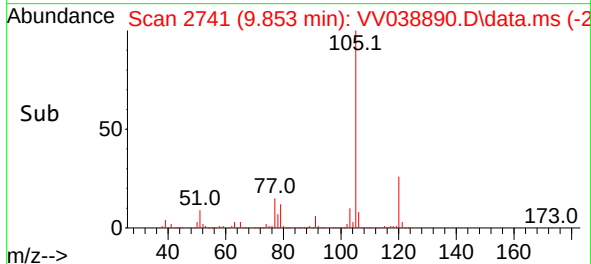
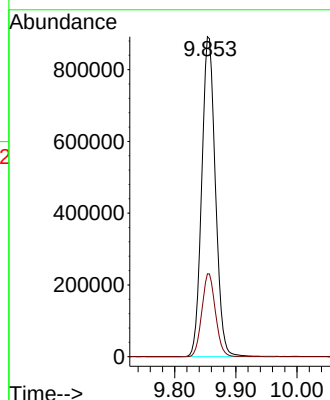
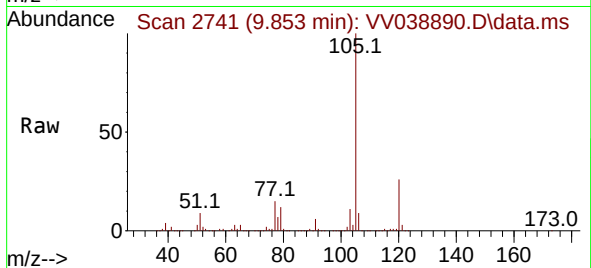




#73
Isopropylbenzene
Concen: 54.715 ug/l
RT: 9.853 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

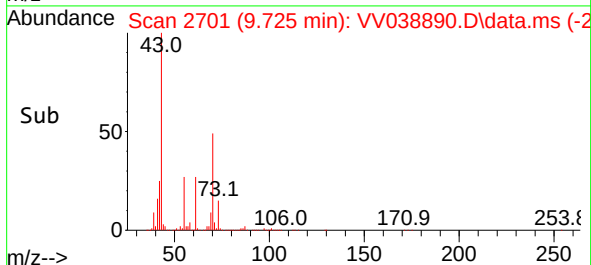
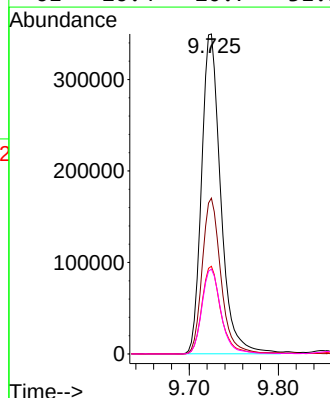
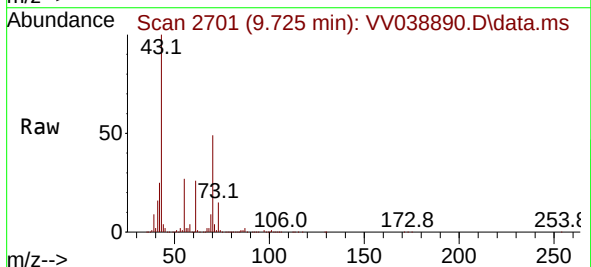
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

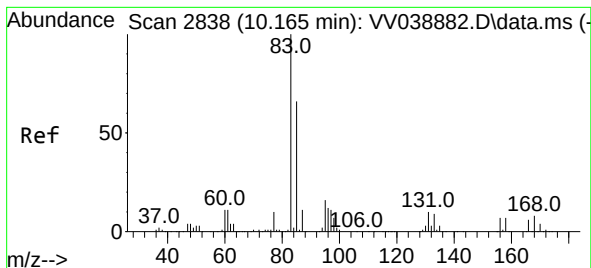
Tgt Ion:105 Resp: 1382503
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 56.510 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 43 Resp: 523047
Ion Ratio Lower Upper
43 100
70 48.1 38.6 58.0
55 27.4 21.8 32.8
61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.480 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

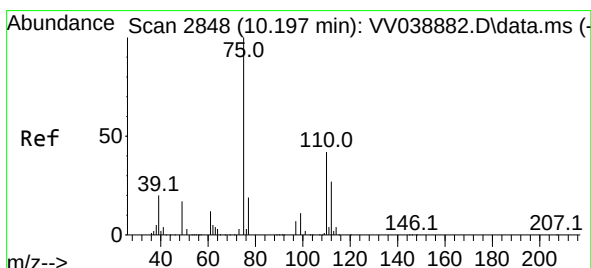
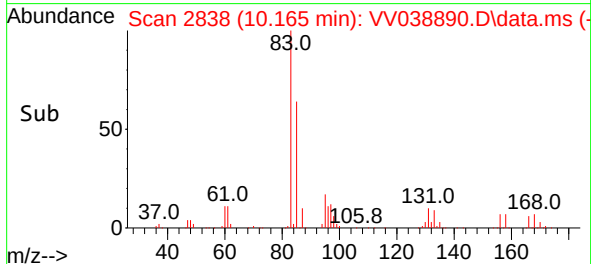
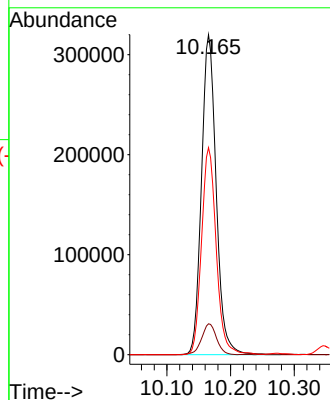
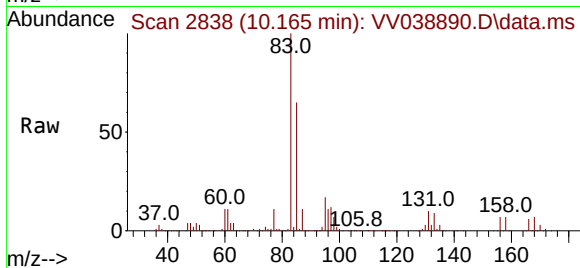
Tgt Ion: 83 Resp: 513085

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 64.9 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 50.010 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038890.D

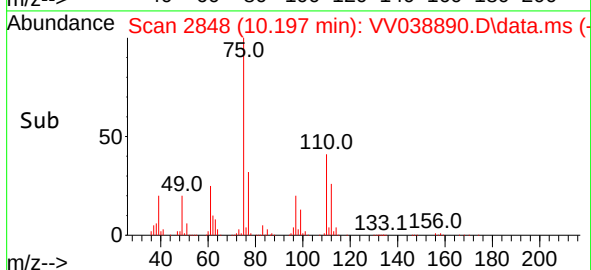
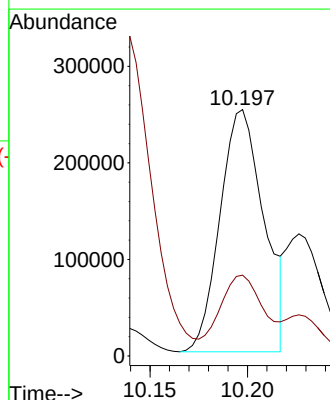
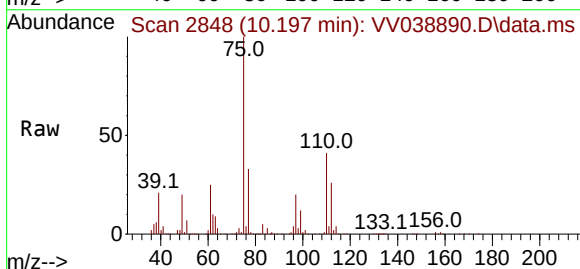
Acq: 15 Jul 2025 08:54

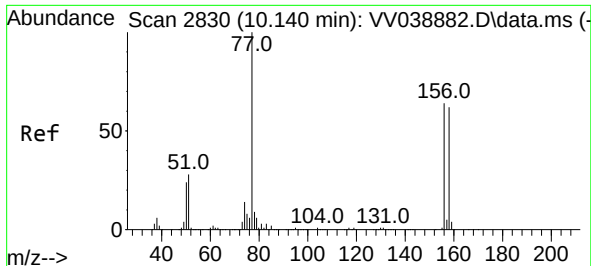
Tgt Ion: 75 Resp: 393197

Ion Ratio Lower Upper

75 100

77 23.3 17.4 52.3

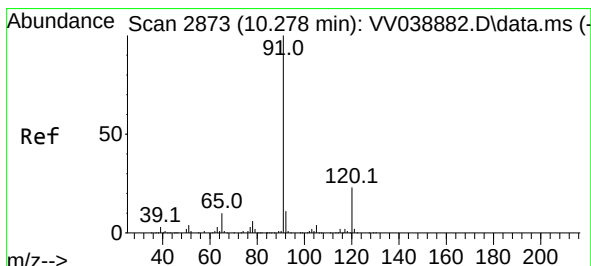
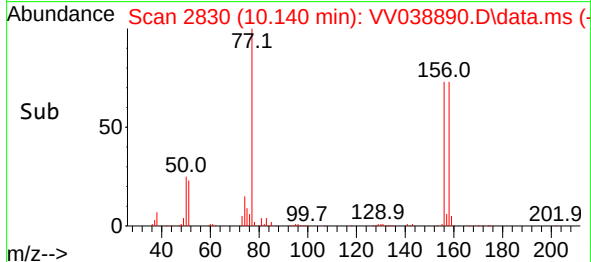
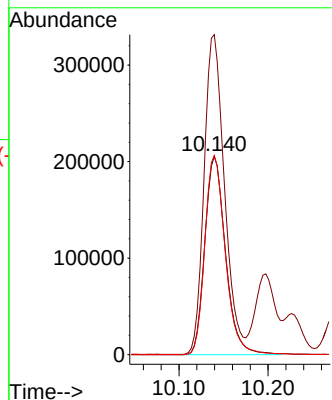
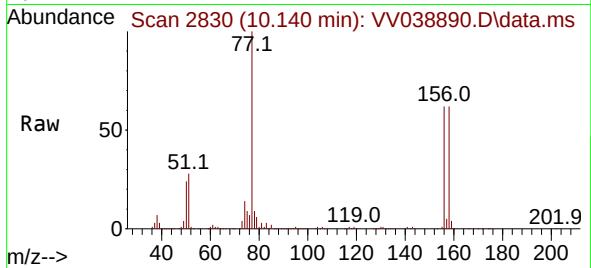




#77
Bromobenzene
Concen: 50.044 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

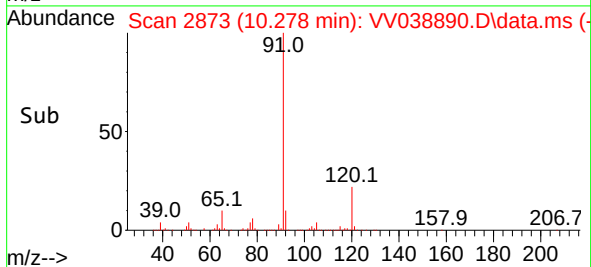
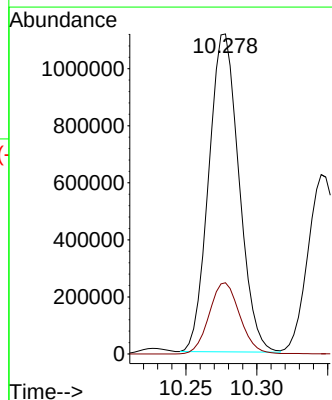
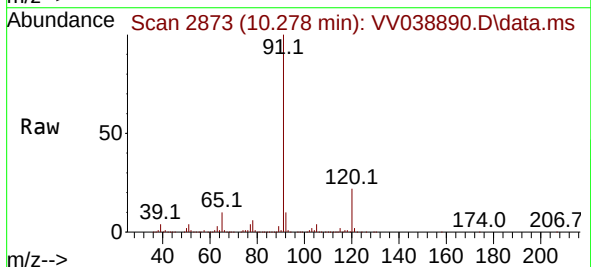
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

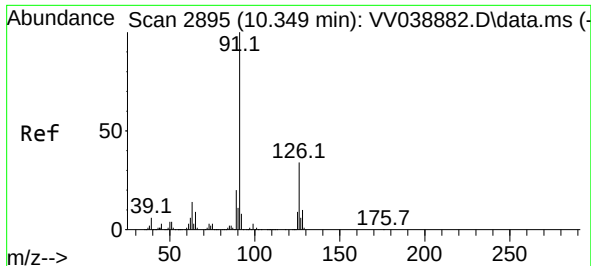
Tgt Ion:156 Resp: 331699
Ion Ratio Lower Upper
156 100
77 158.5 77.2 231.6
158 99.7 48.4 145.3



#78
n-propylbenzene
Concen: 56.020 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 91 Resp: 1654346
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

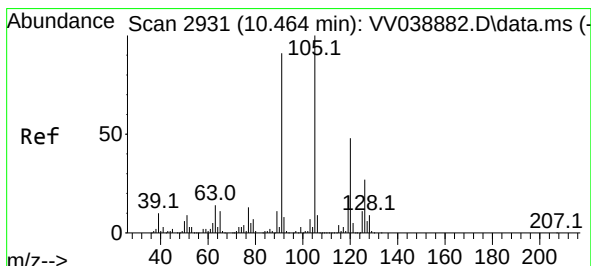
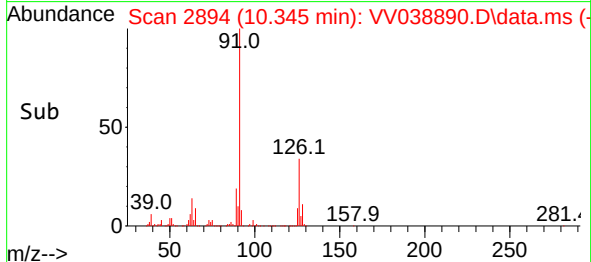
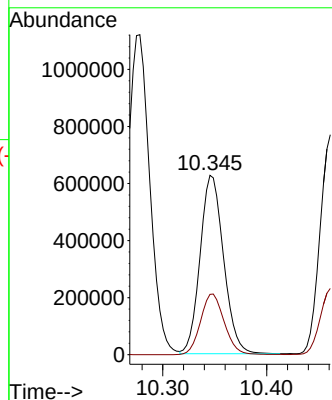
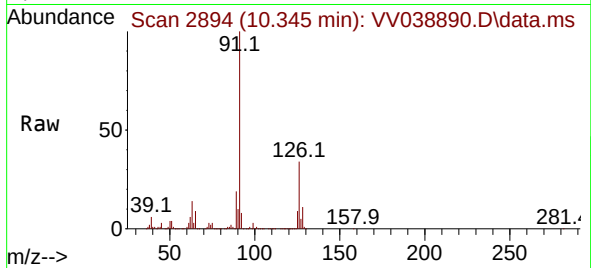




#79
2-Chlorotoluene
Concen: 52.365 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

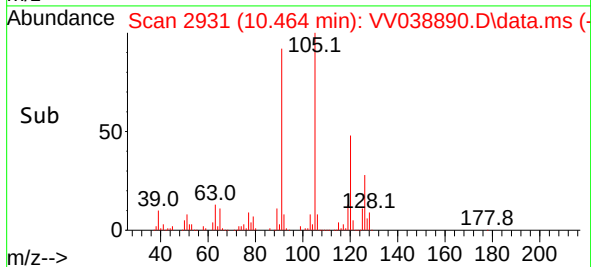
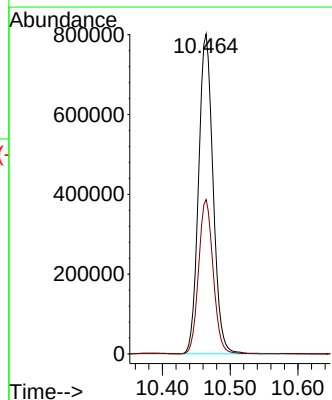
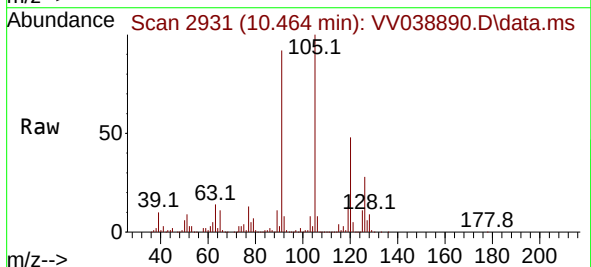
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

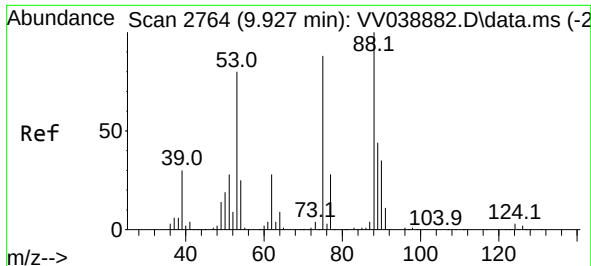
Tgt Ion: 91 Resp: 983461
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 55.743 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion:105 Resp: 1187767
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0

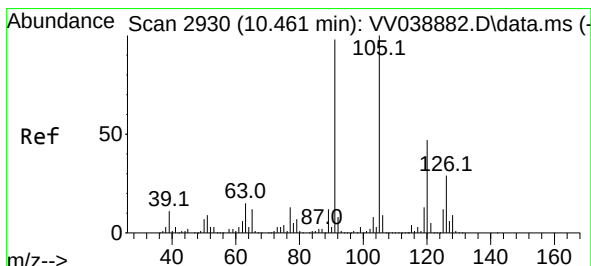
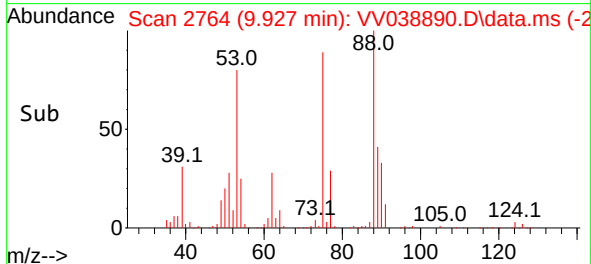
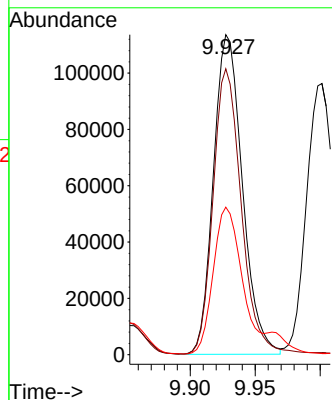
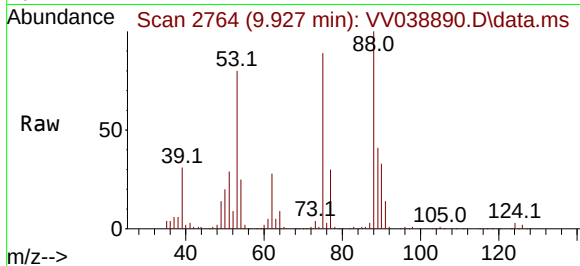




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.581 ug/l
 RT: 9.927 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

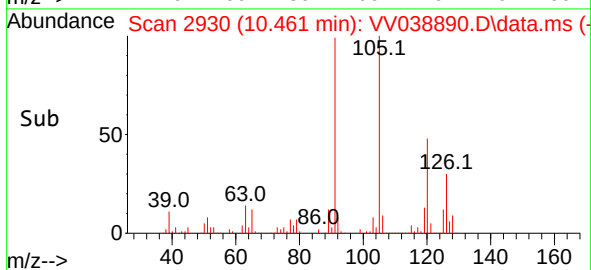
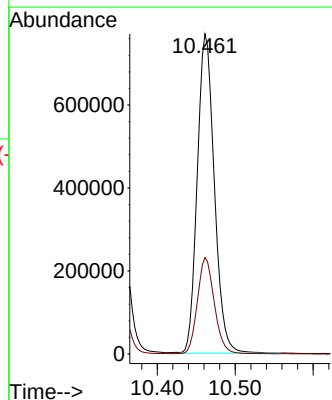
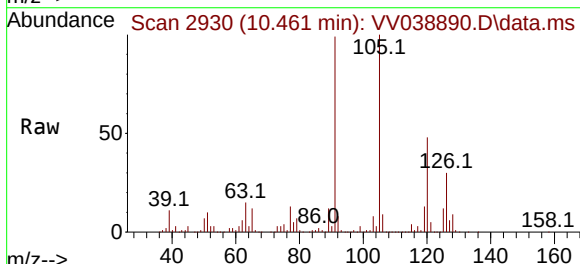
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

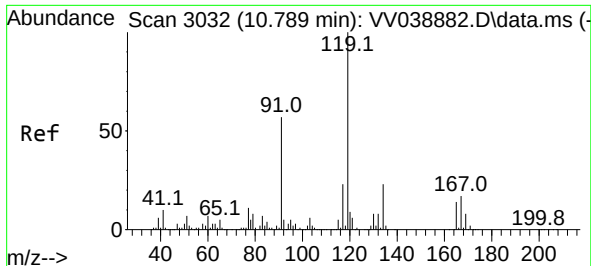
Tgt Ion: 75 Resp: 175851
 Ion Ratio Lower Upper
 75 100
 53 87.0 71.3 106.9
 89 45.7 42.2 63.2



#82
 4-Chlorotoluene
 Concen: 55.571 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion: 91 Resp: 1166653
 Ion Ratio Lower Upper
 91 100
 126 30.0 14.9 44.9

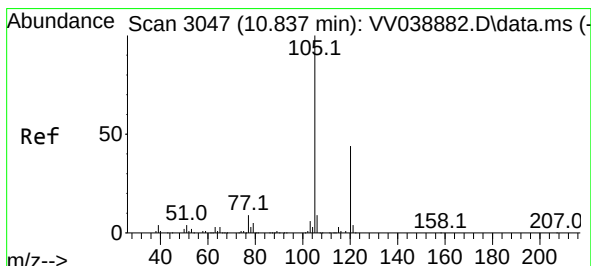
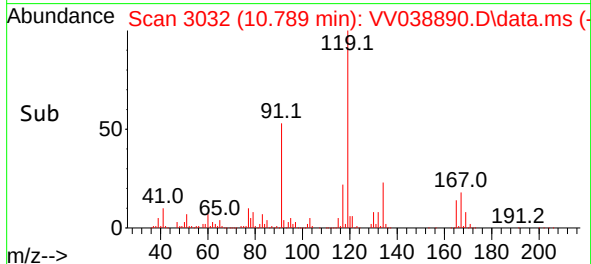
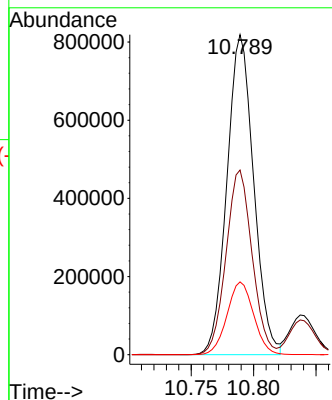
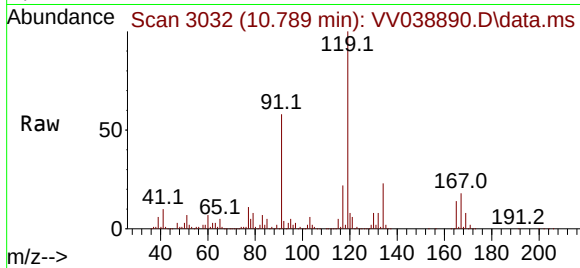




#83
 tert-Butylbenzene
 Concen: 54.677 ug/l
 RT: 10.789 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

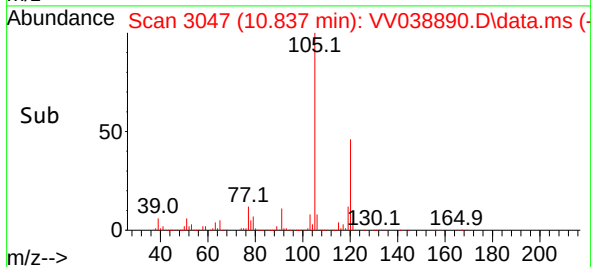
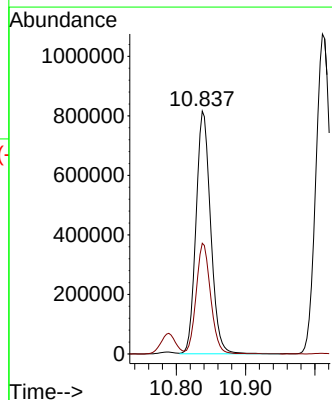
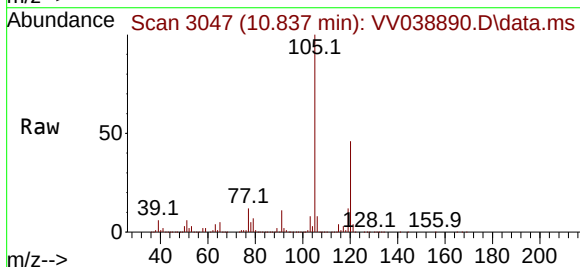
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

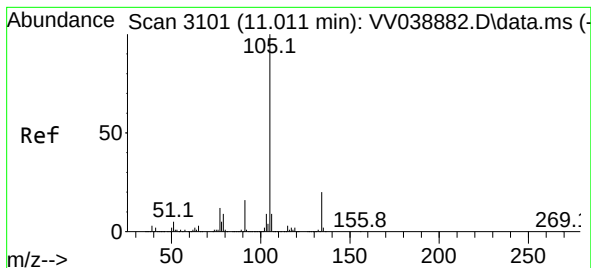
Tgt Ion:119 Resp: 1221500
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.1 84.2
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 57.159 ug/l
 RT: 10.837 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VV038890.D
 Acq: 15 Jul 2025 08:54

Tgt Ion:105 Resp: 1198430
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 56.273 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

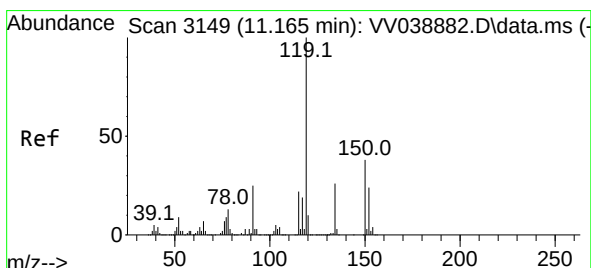
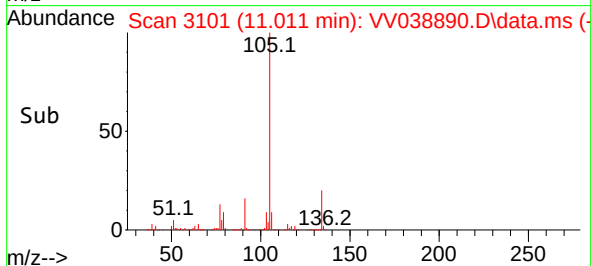
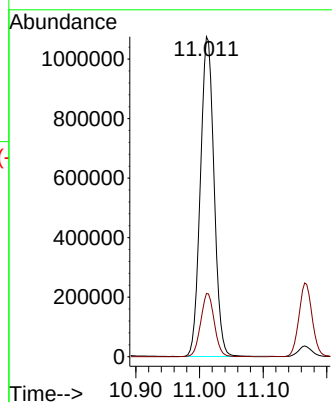
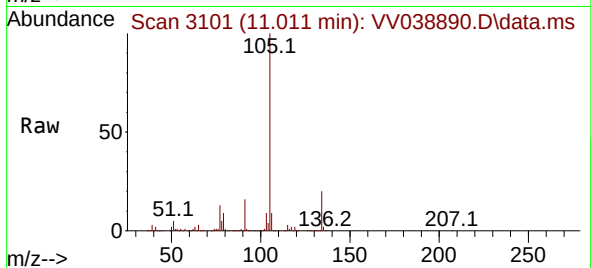
VSTDCCC050

Tgt Ion:105 Resp: 1604489

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 55.962 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

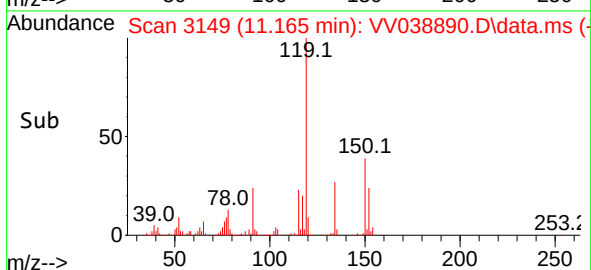
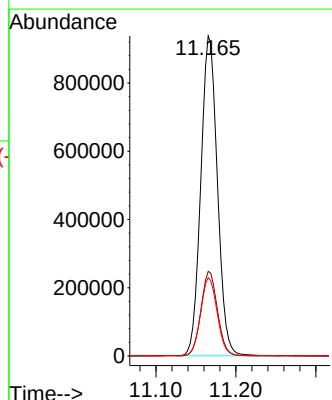
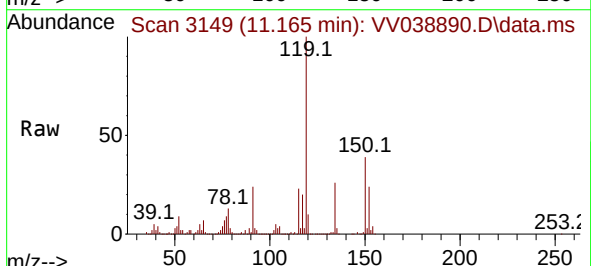
Tgt Ion:119 Resp: 1354710

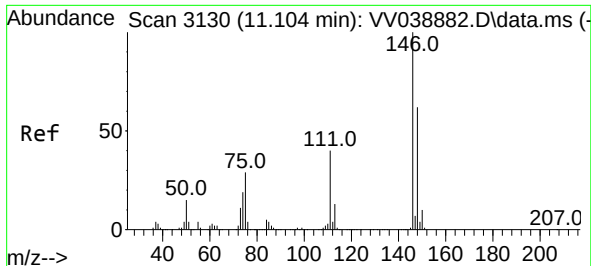
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.3 12.3 36.8

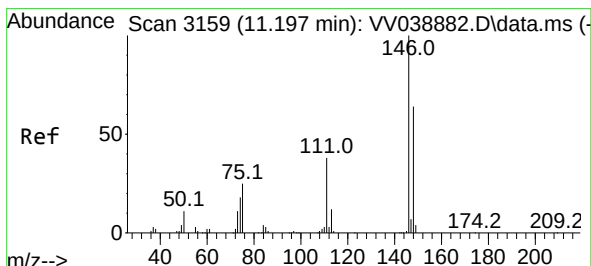
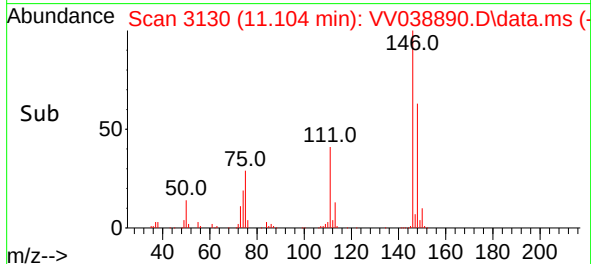
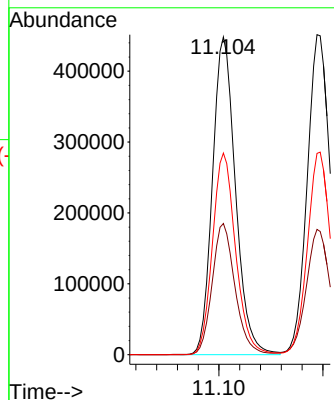
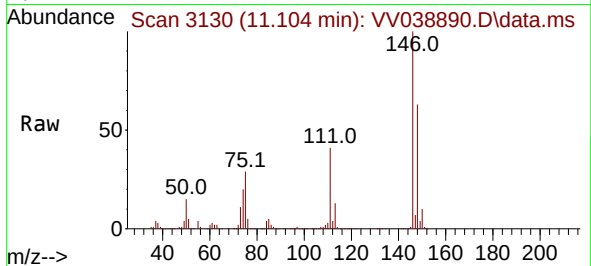




#87
1,3-Dichlorobenzene
Concen: 50.868 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

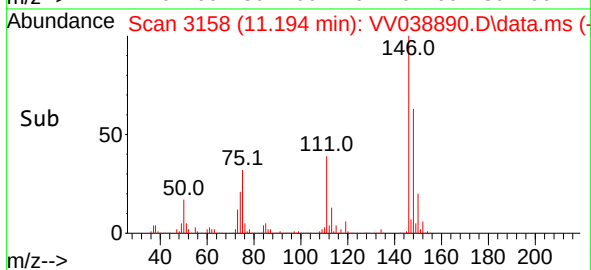
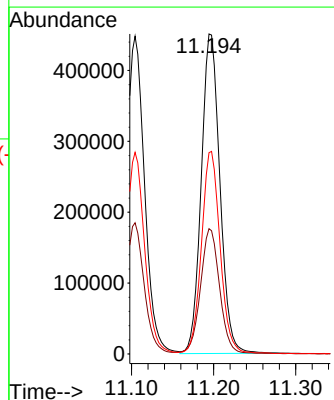
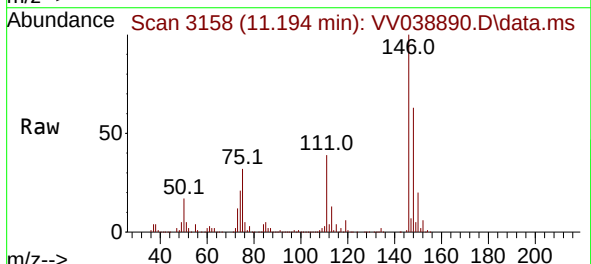
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

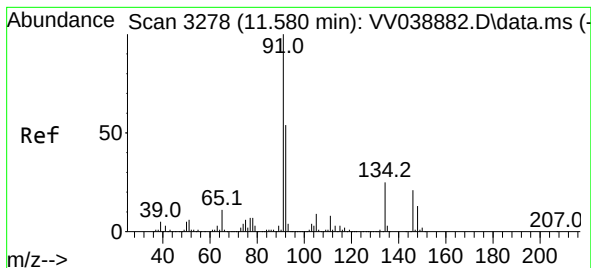
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.5
148	63.9	31.4	94.3



#88
1,4-Dichlorobenzene
Concen: 48.426 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	62.6	32.1	96.5





#89

n-Butylbenzene

Concen: 58.453 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

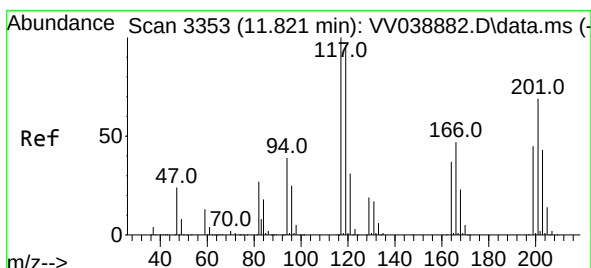
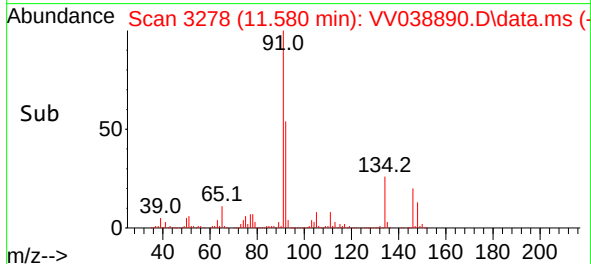
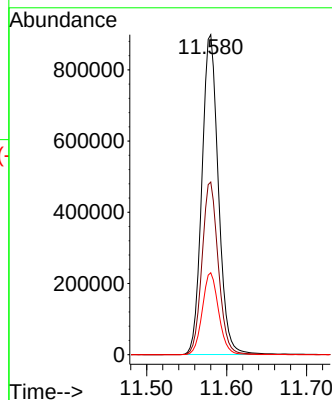
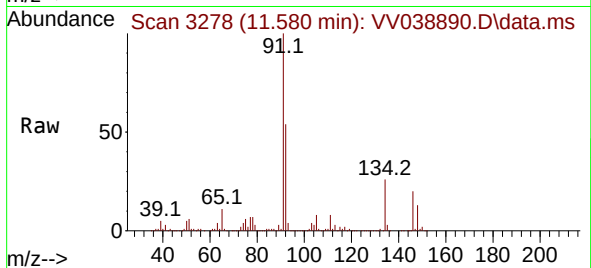
Tgt Ion: 91 Resp: 1291767

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.1

134 25.5 12.7 38.1



#90

Hexachloroethane

Concen: 47.811 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038890.D

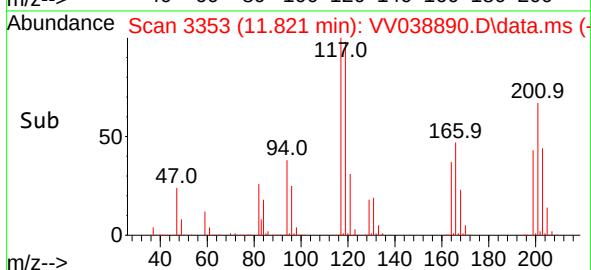
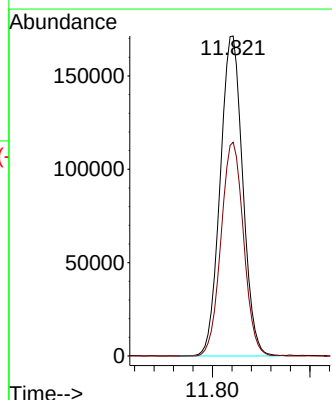
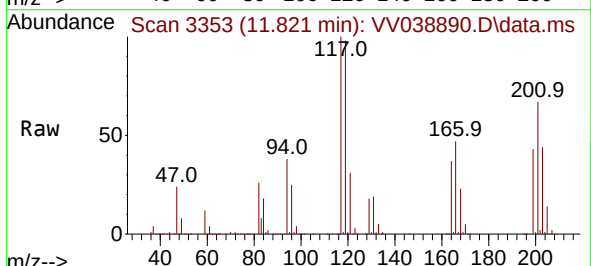
Acq: 15 Jul 2025 08:54

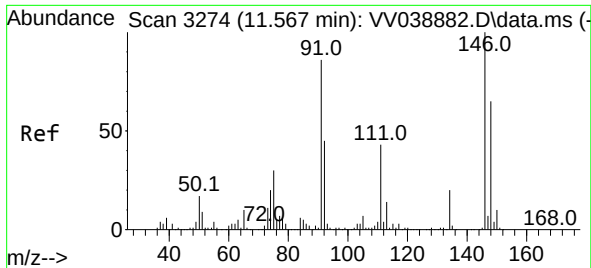
Tgt Ion: 117 Resp: 275284

Ion Ratio Lower Upper

117 100

201 66.8 34.0 102.0

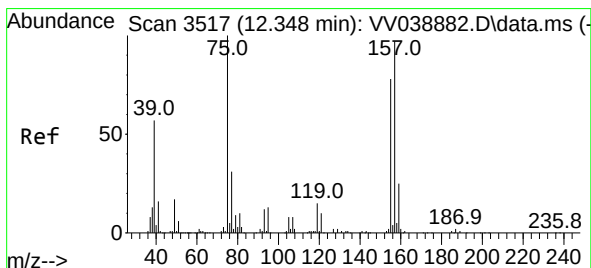
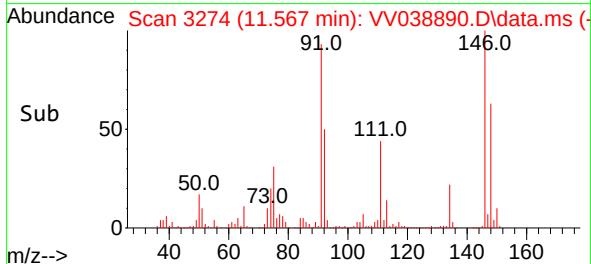
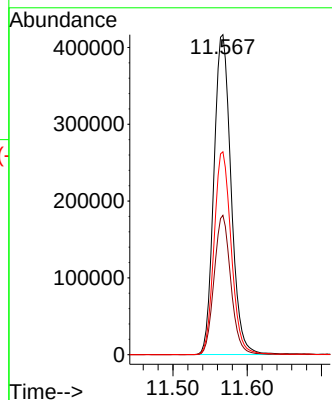
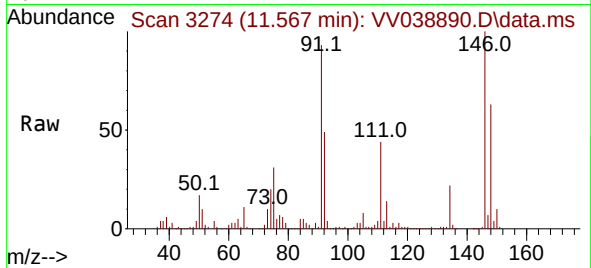




#91
1,2-Dichlorobenzene
Concen: 50.855 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

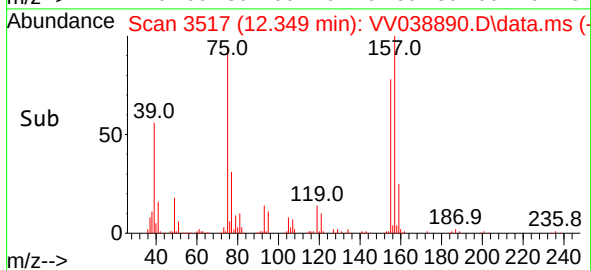
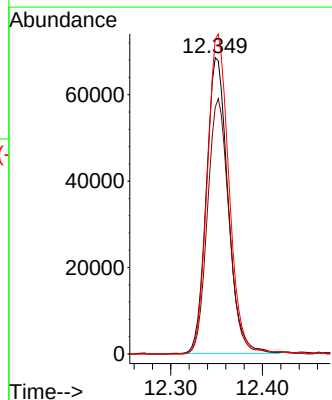
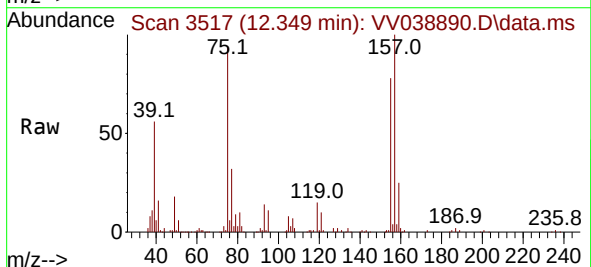
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

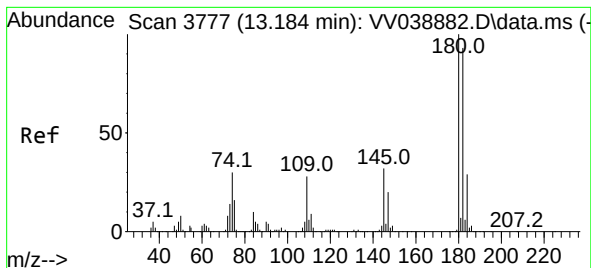
Tgt Ion:146 Resp: 667895
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.039 ug/l
RT: 12.349 min Scan# 3517
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion: 75 Resp: 112556
Ion Ratio Lower Upper
75 100
155 85.7 40.2 120.6
157 108.1 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 57.443 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

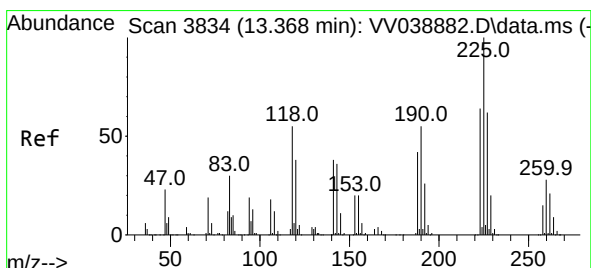
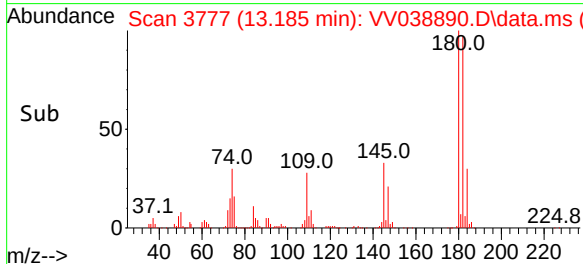
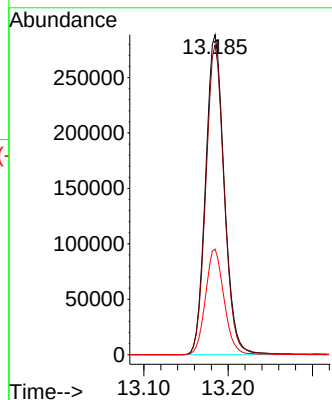
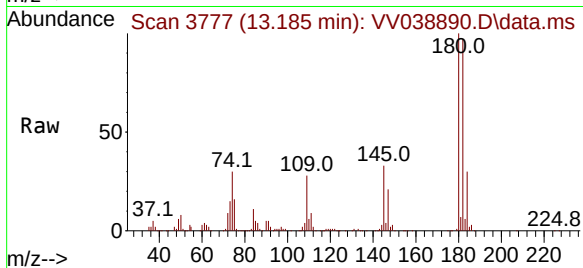
Tgt Ion:180 Resp: 445320

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 32.8 16.2 48.6



#94

Hexachlorobutadiene

Concen: 50.905 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038890.D

Acq: 15 Jul 2025 08:54

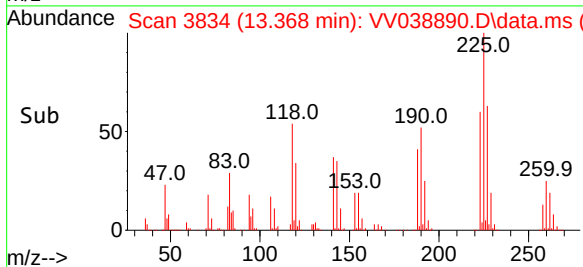
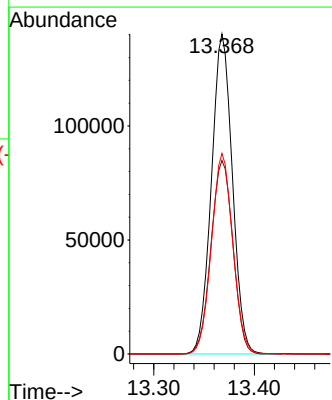
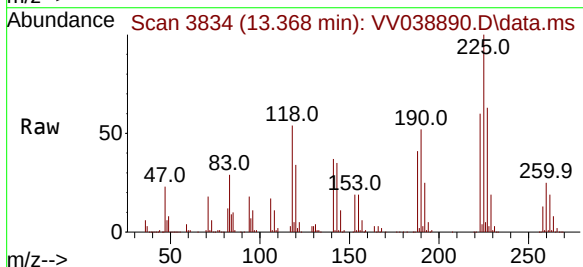
Tgt Ion:225 Resp: 203230

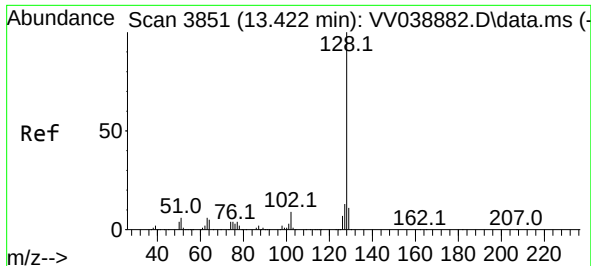
Ion Ratio Lower Upper

225 100

223 63.4 32.4 97.2

227 63.8 31.3 93.9

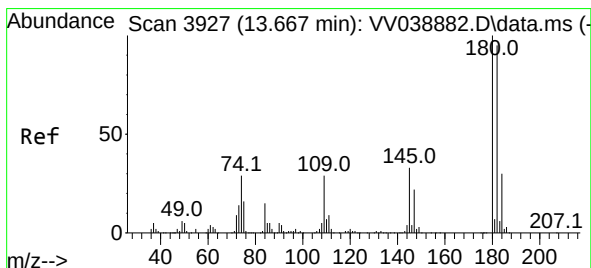
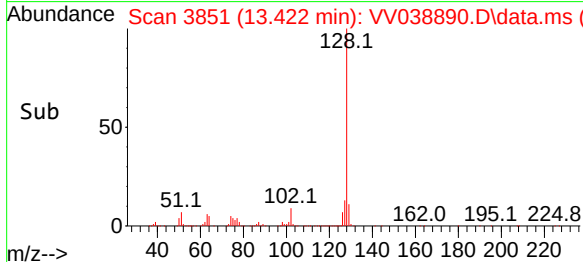
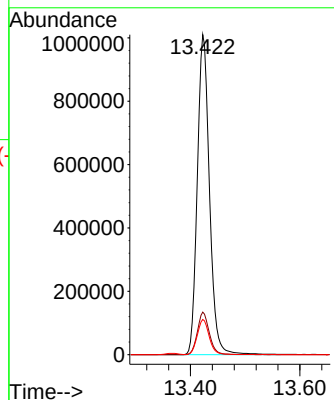
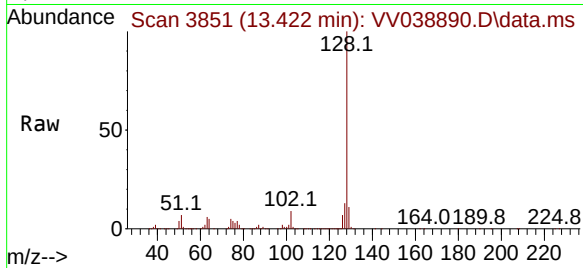




#95
Naphthalene
Concen: 61.094 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. 0.000 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1556143
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.375 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. -0.003 min
Lab File: VV038890.D
Acq: 15 Jul 2025 08:54

Tgt Ion:180 Resp: 461037
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.2
145 34.0 17.0 51.0

