

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038915.D
 Acq On : 18 Jul 2025 11:58
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 19 00:36:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	642623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1059725	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	984180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	532516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	398320	50.730	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 101.460%	
35) Dibromofluoromethane	4.497	113	383722	53.109	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 106.220%	
50) Toluene-d8	7.233	98	1082119	49.548	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	9.998	95	498074	56.613	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 113.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	297904	52.759	ug/l	98
3) Chloromethane	1.230	50	293135	48.075	ug/l	99
4) Vinyl Chloride	1.297	62	347941	49.857	ug/l	99
5) Bromomethane	1.487	94	220698	55.659	ug/l	95
6) Chloroethane	1.555	64	231366	49.601	ug/l	99
7) Trichlorofluoromethane	1.722	101	585745	47.437	ug/l	99
8) Diethyl Ether	1.918	74	221753	49.940	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	358063	48.497	ug/l	97
10) Methyl Iodide	2.194	142	454104	53.572	ug/l	98
11) Tert butyl alcohol	2.571	59	417895	231.178	ug/l	99
12) 1,1-Dichloroethene	2.082	96	318102	47.284	ug/l	97
13) Acrolein	2.008	56	62619	239.540	ug/l	99
14) Allyl chloride	2.355	41	543340	50.695	ug/l	99
15) Acrylonitrile	2.670	53	1072238	231.792	ug/l	99
16) Acetone	2.117	43	827035	243.416	ug/l	99
17) Carbon Disulfide	2.249	76	685899	64.489	ug/l	100
18) Methyl Acetate	2.378	43	619203	53.865	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	1203557	47.715	ug/l	99
20) Methylene Chloride	2.455	84	378888	43.957	ug/l	96
21) trans-1,2-Dichloroethene	2.699	96	334259	46.697	ug/l	95
22) Diisopropyl ether	3.214	45	1148554	53.632	ug/l	97
23) Vinyl Acetate	3.185	43	4513048	268.763	ug/l	99
24) 1,1-Dichloroethane	3.117	63	661194	47.144	ug/l	98
25) 2-Butanone	3.863	43	1266905	260.152	ug/l	97
26) 2,2-Dichloropropane	3.809	77	599181	48.796	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	422100	51.354	ug/l	99
28) Bromochloromethane	4.143	49	266139	49.025	ug/l	96
29) Tetrahydrofuran	4.233	42	847239	263.969	ug/l	96
30) Chloroform	4.275	83	696504	45.045	ug/l	99
31) Cyclohexane	4.580	56	499663	54.278	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	616849	45.722	ug/l	99
36) 1,1-Dichloropropene	4.741	75	436778	52.601	ug/l	99
37) Ethyl Acetate	3.973	43	490910	50.213	ug/l	99
38) Carbon Tetrachloride	4.731	117	515397	46.727	ug/l	97
39) Methylcyclohexane	6.043	83	558918	57.046	ug/l	99
40) Benzene	5.005	78	1406210	49.956	ug/l	99

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 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 19 00:36:16 2025
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 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	240213	53.537	ug/l	98
42) 1,2-Dichloroethane	5.037	62	487975	45.480	ug/l	99
43) Isopropyl Acetate	5.191	43	791284	51.177	ug/l	99
44) Trichloroethene	5.828	130	360228	48.973	ug/l	100
45) 1,2-Dichloropropane	6.088	63	346502	46.599	ug/l	100
46) Dibromomethane	6.223	93	268711	46.706	ug/l	99
47) Bromodichloromethane	6.423	83	559325	45.809	ug/l	98
48) Methyl methacrylate	6.294	41	373467	55.656	ug/l	97
49) 1,4-Dioxane	6.284	88	143553	992.910	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2650386	251.740	ug/l	99
52) Toluene	7.307	92	911816	51.420	ug/l	99
53) t-1,3-Dichloropropene	7.570	75	570813	51.666	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	600591	50.288	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	385069	45.431	ug/l	98
56) Ethyl methacrylate	7.712	69	588367	58.415	ug/l	98
57) 1,3-Dichloropropane	7.934	76	617674	48.601	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.808	63	1564374	213.661	ug/l	98
59) 2-Hexanone	8.062	43	1981500	252.829	ug/l	99
60) Dibromochloromethane	8.165	129	441367	44.218	ug/l	99
61) 1,2-Dibromoethane	8.271	107	400002	46.844	ug/l	98
64) Tetrachloroethene	7.895	164	305793	47.376	ug/l	97
65) Chlorobenzene	8.802	112	1040342	48.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	373842	43.592	ug/l	98
67) Ethyl Benzene	8.934	91	1780062	55.746	ug/l	100
68) m/p-Xylenes	9.062	106	1397979	112.450	ug/l	99
69) o-Xylene	9.467	106	665352	56.703	ug/l	98
70) Styrene	9.484	104	1174696	56.643	ug/l	99
71) Bromoform	9.654	173	318218	45.650	ug/l #	98
73) Isopropylbenzene	9.857	105	1821707	57.253	ug/l	99
74) N-amyl acetate	9.725	43	706040	60.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	609798	45.755	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	473227	47.797	ug/l	80
77) Bromobenzene	10.140	156	432404	51.806	ug/l	98
78) n-propylbenzene	10.278	91	2178716	58.587	ug/l	100
79) 2-Chlorotoluene	10.345	91	1276176	53.961	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1558042	58.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	223327	55.045	ug/l	95
82) 4-Chlorotoluene	10.461	91	1508137	57.047	ug/l	99
83) tert-Butylbenzene	10.789	119	1566460	55.682	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1551326	58.757	ug/l	100
85) sec-Butylbenzene	11.011	105	2046359	56.993	ug/l	100
86) p-Isopropyltoluene	11.165	119	1723002	56.521	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	856812	50.292	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	887583	47.893	ug/l	99
89) n-Butylbenzene	11.580	91	1658054	59.580	ug/l	99
90) Hexachloroethane	11.821	117	333637	46.015	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	817878	49.453	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	140887	46.757	ug/l	94
93) 1,2,4-Trichlorobenzene	13.184	180	554662	56.816	ug/l	100
94) Hexachlorobutadiene	13.368	225	245506	48.833	ug/l	98
95) Naphthalene	13.422	128	1937306	60.399	ug/l	100
96) 1,2,3-Trichlorobenzene	13.663	180	556168	54.963	ug/l	99

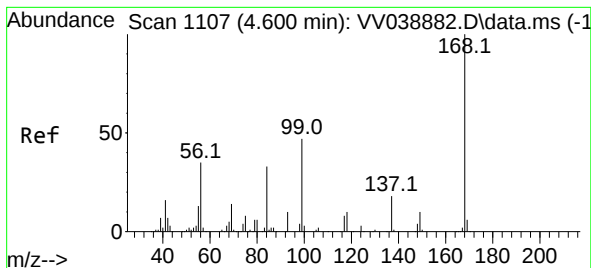
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
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ClientSampleId :
VSTDCCC050

Quant Time: Jul 19 00:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 14 09:44:44 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: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

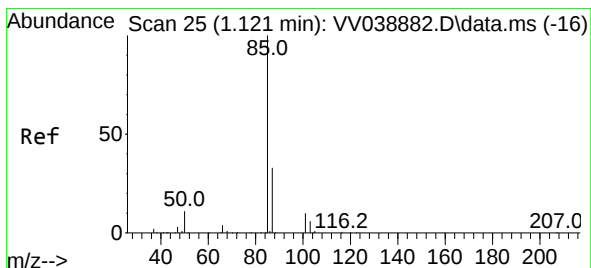
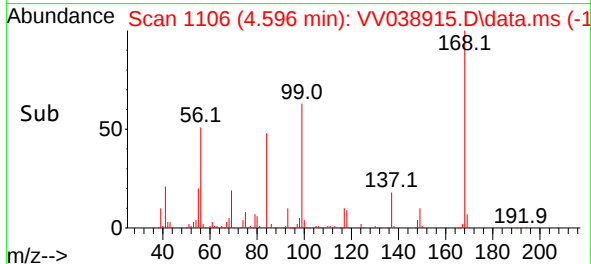
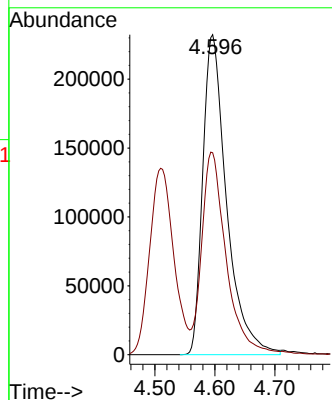
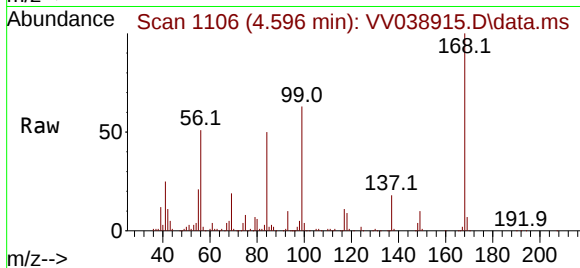
VSTDCCC050

Tgt Ion:168 Resp: 642623

Ion Ratio Lower Upper

168 100

99 62.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 52.759 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038915.D

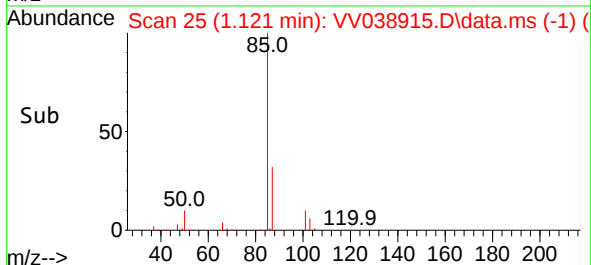
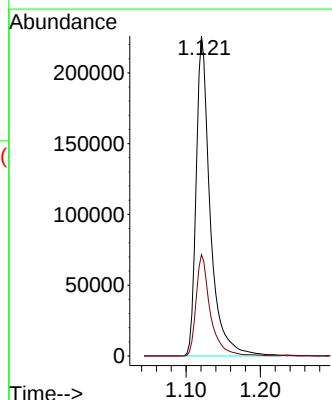
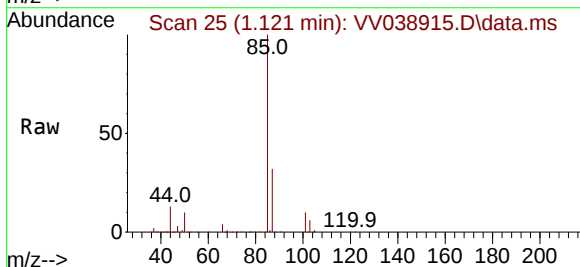
Acq: 18 Jul 2025 11:58

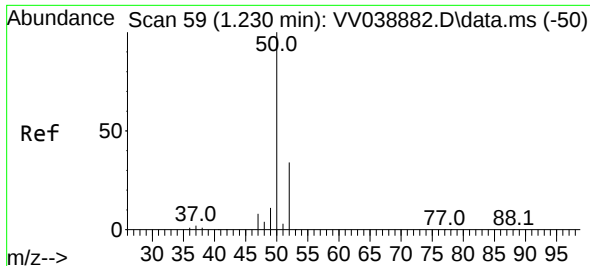
Tgt Ion: 85 Resp: 297904

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.8

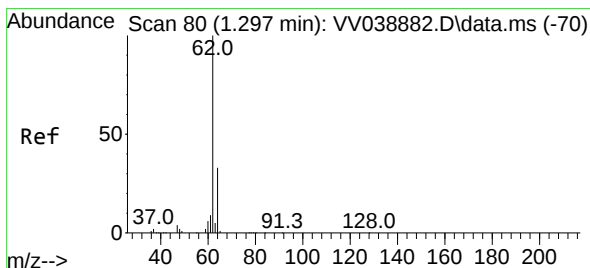
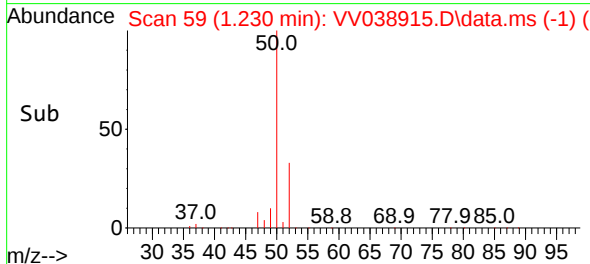
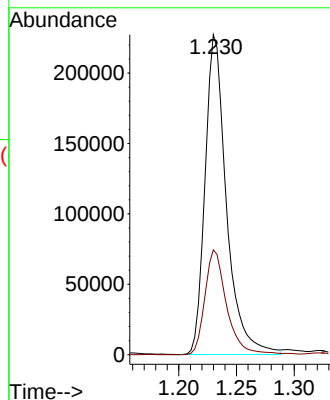
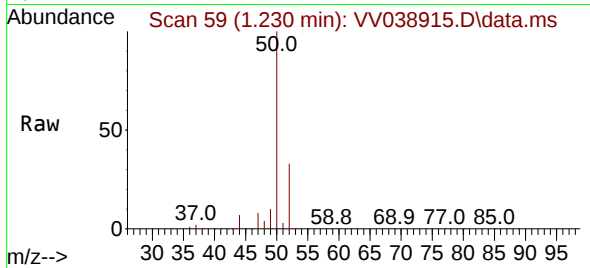




#3
Chloromethane
Concen: 48.075 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

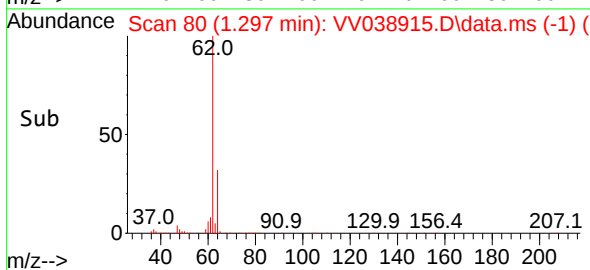
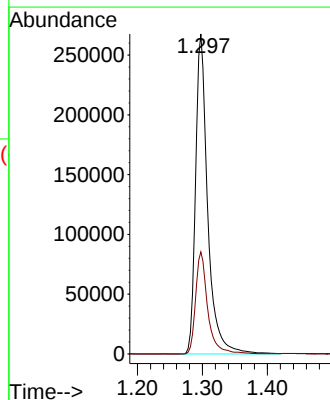
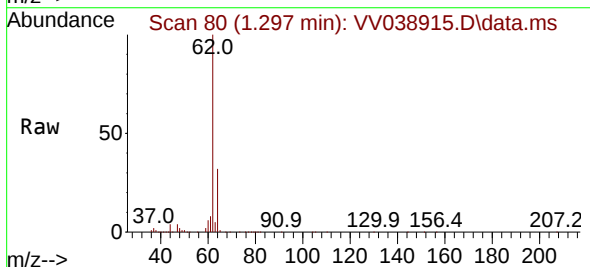
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

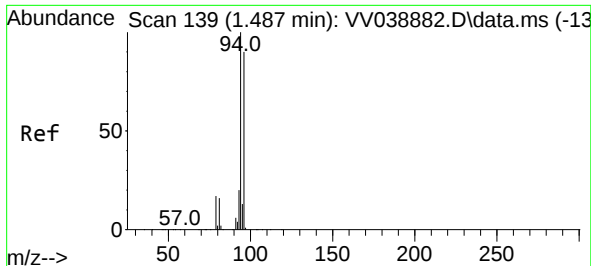
Tgt Ion: 50 Resp: 293135
Ion Ratio Lower Upper
50 100
52 32.8 26.9 40.3



#4
Vinyl Chloride
Concen: 49.857 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 62 Resp: 347941
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

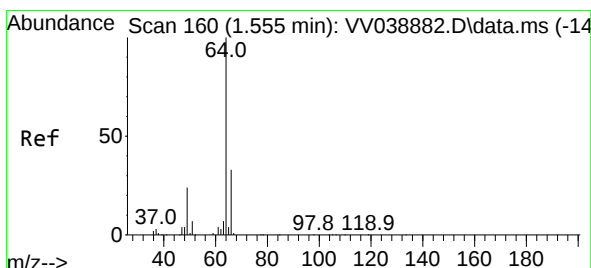
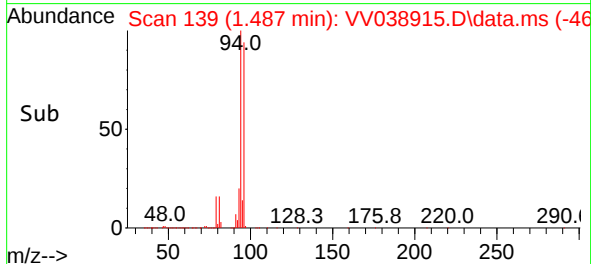
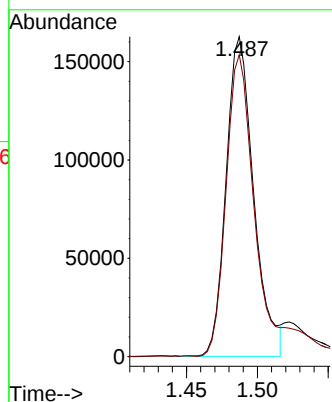
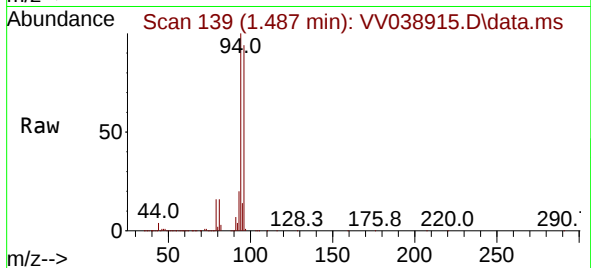




#5
Bromomethane
Concen: 55.659 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

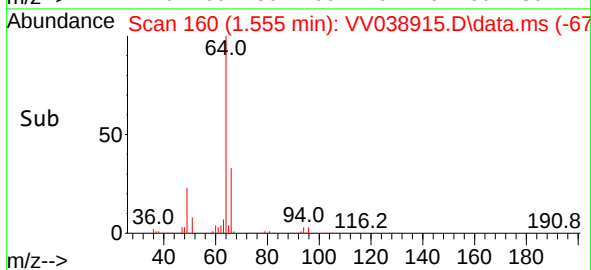
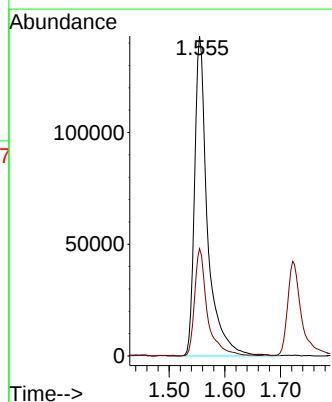
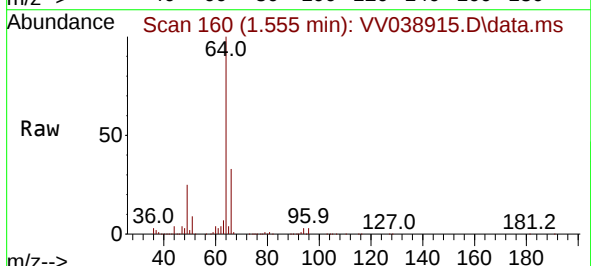
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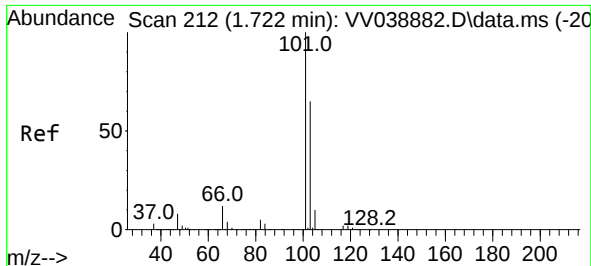
Tgt Ion: 94 Resp: 220698
Ion Ratio Lower Upper
94 100
96 94.3 71.9 107.9



#6
Chloroethane
Concen: 49.601 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 64 Resp: 231366
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.2

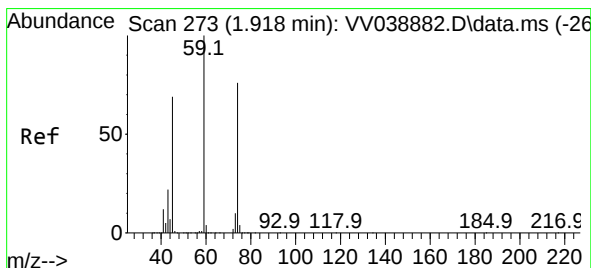
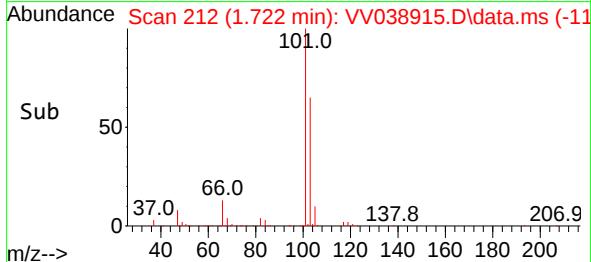
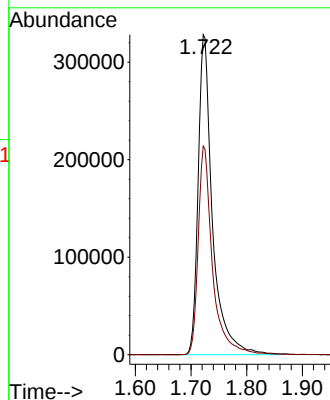
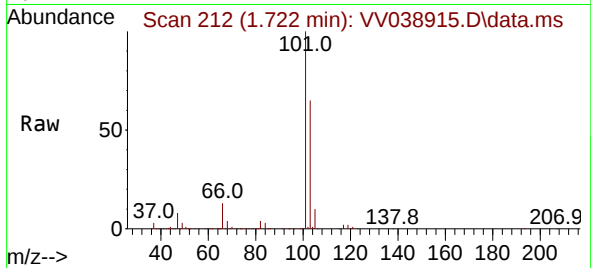




#7
 Trichlorofluoromethane
 Concen: 47.437 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

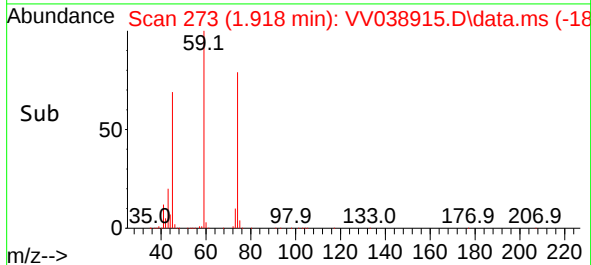
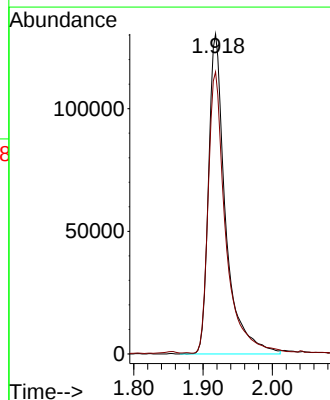
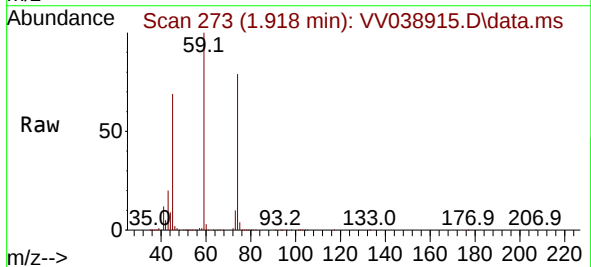
Instrument :
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 VSTDCCC050

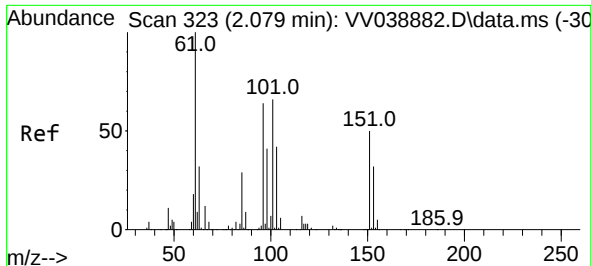
Tgt Ion:101 Resp: 585745
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6



#8
 Diethyl Ether
 Concen: 49.940 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Tgt Ion: 74 Resp: 221753
 Ion Ratio Lower Upper
 74 100
 45 90.7 45.5 136.5

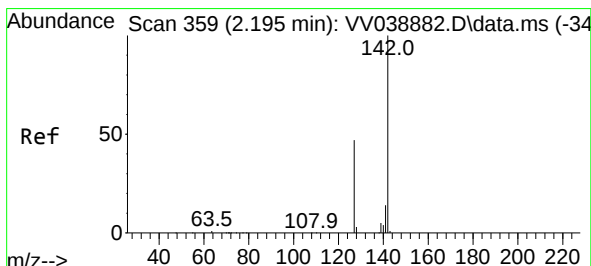
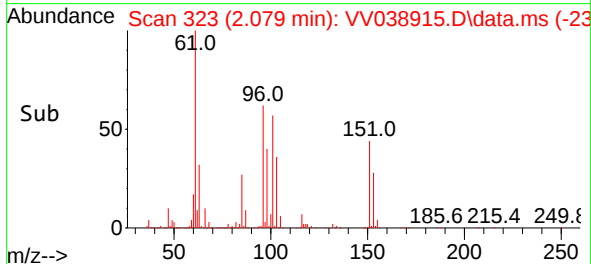
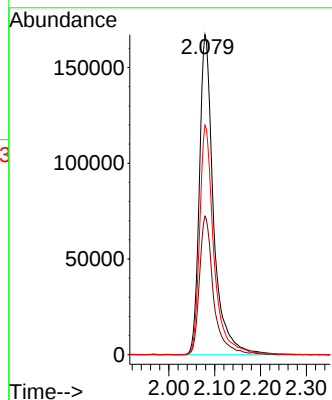
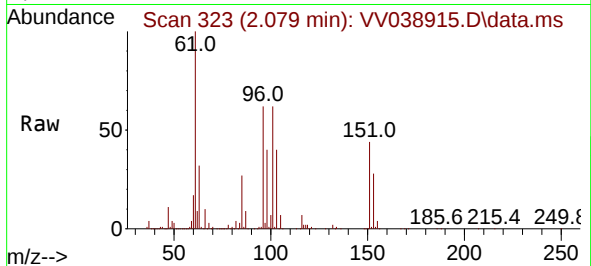




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.497 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038915.D
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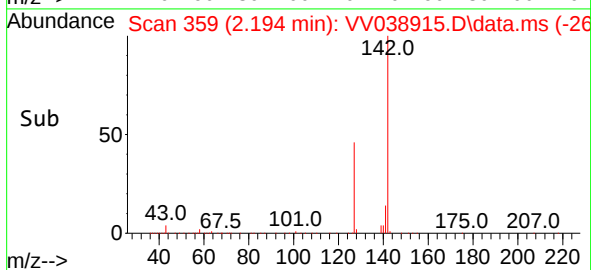
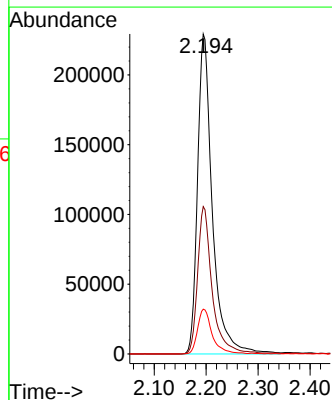
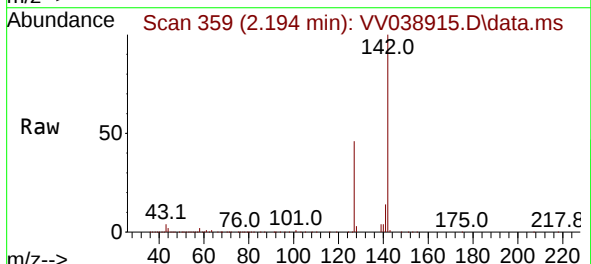
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

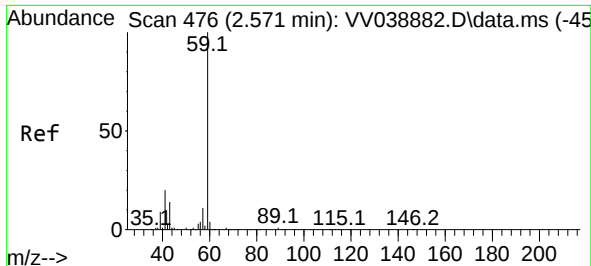
Tgt Ion:101 Resp: 358063
Ion Ratio Lower Upper
101 100
85 42.7 35.0 52.6
151 72.4 60.1 90.1



#10
Methyl Iodide
Concen: 53.572 ug/l
RT: 2.194 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion:142 Resp: 454104
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 13.8 11.2 16.8

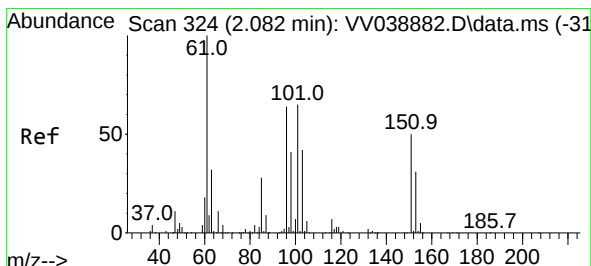
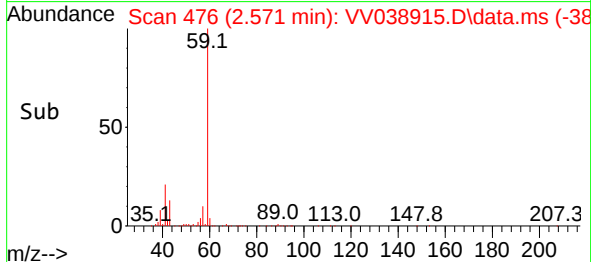
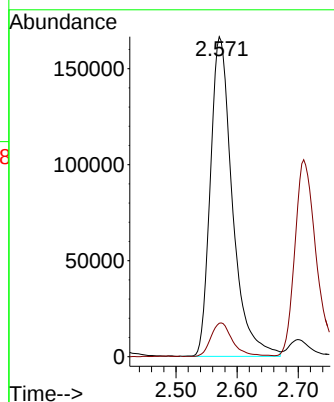
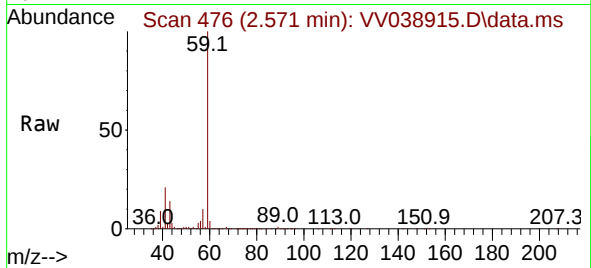




#11
Tert butyl alcohol
Concen: 231.178 ug/l
RT: 2.571 min Scan# 476
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

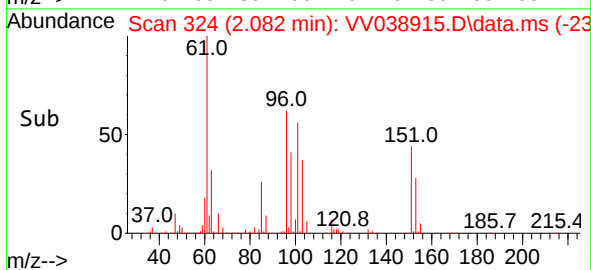
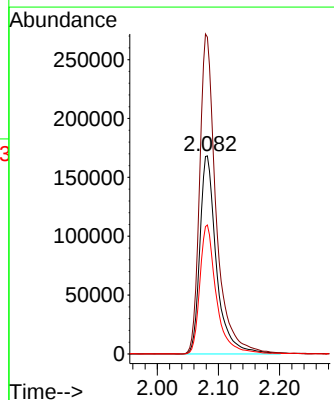
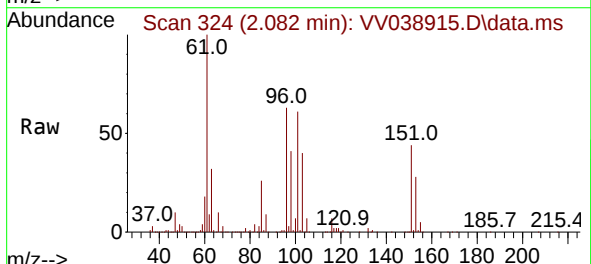
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

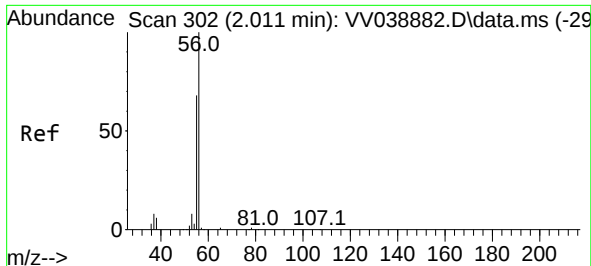
Tgt Ion: 59 Resp: 417895
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.284 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 96 Resp: 318102
Ion Ratio Lower Upper
96 100
61 159.9 124.1 186.1
98 65.0 50.6 75.8

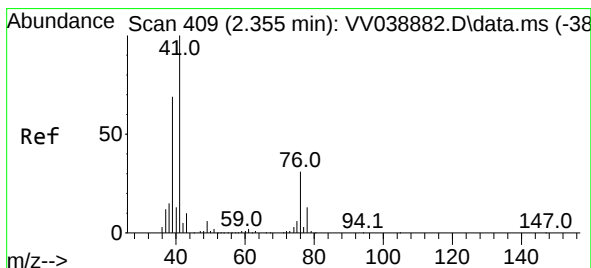
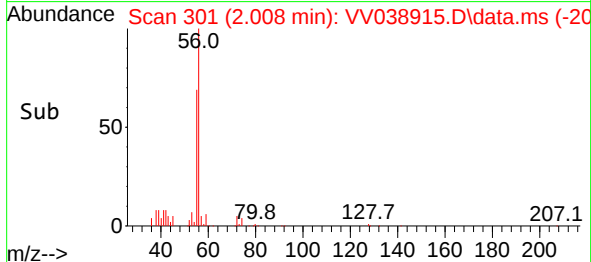
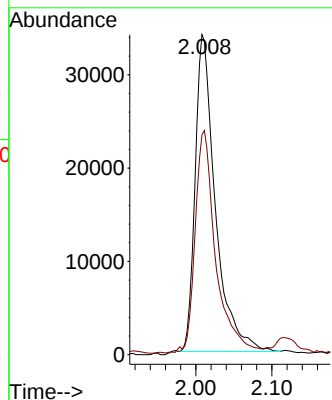
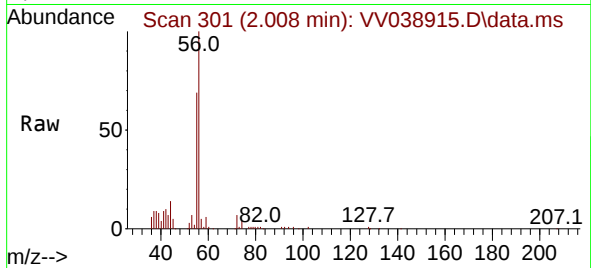




#13
Acrolein
Concen: 239.540 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

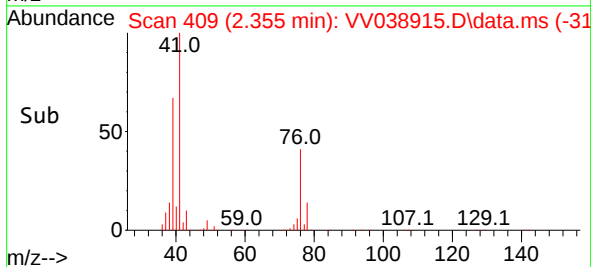
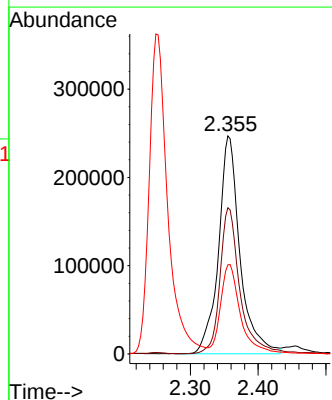
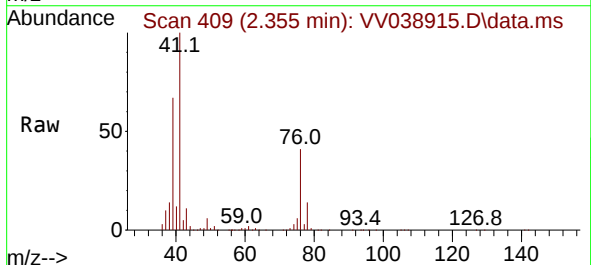
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

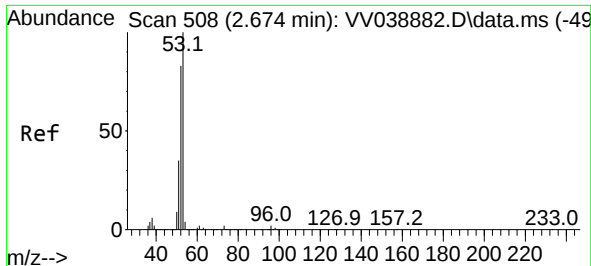
Tgt Ion: 56 Resp: 62619
Ion Ratio Lower Upper
56 100
55 71.4 56.7 85.1



#14
Allyl chloride
Concen: 50.695 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 41 Resp: 543340
Ion Ratio Lower Upper
41 100
39 62.2 50.6 76.0
76 37.9 30.4 45.6



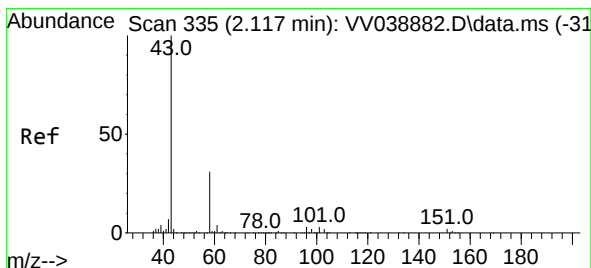
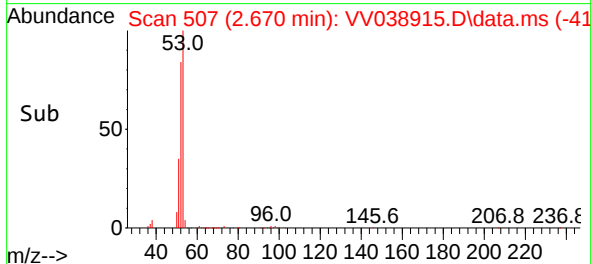
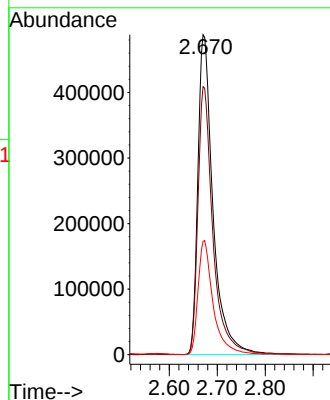
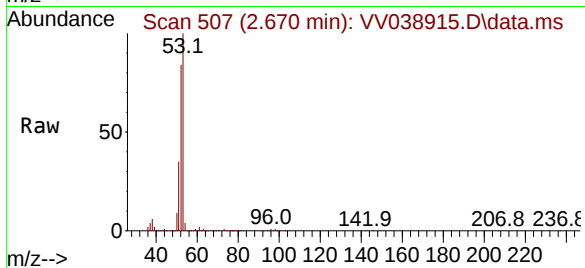


#15
Acrylonitrile
Concen: 231.792 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 1072238

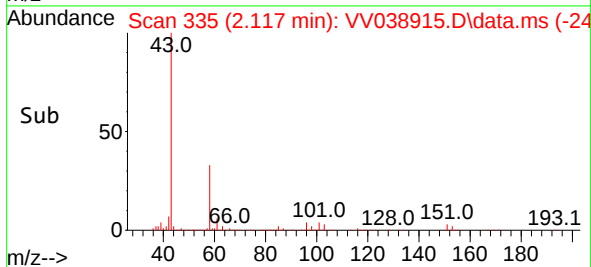
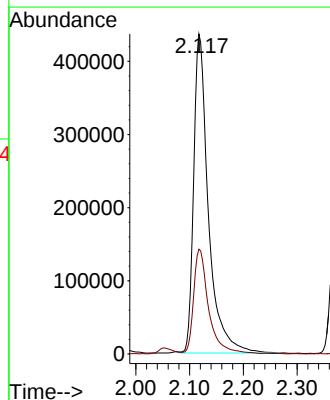
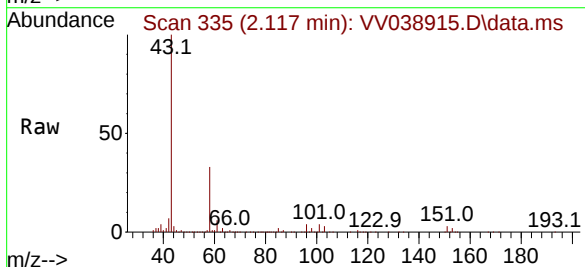
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	35.5	28.7	43.1

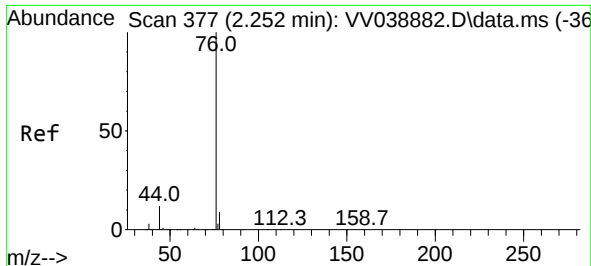


#16
Acetone
Concen: 243.416 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 43 Resp: 827035

Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.8	38.6

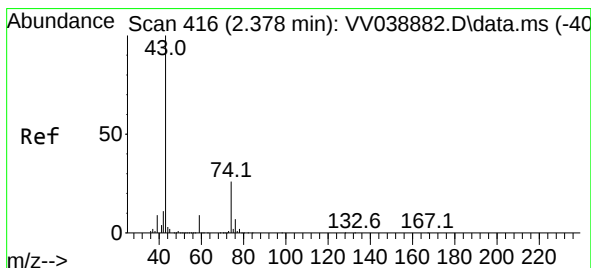
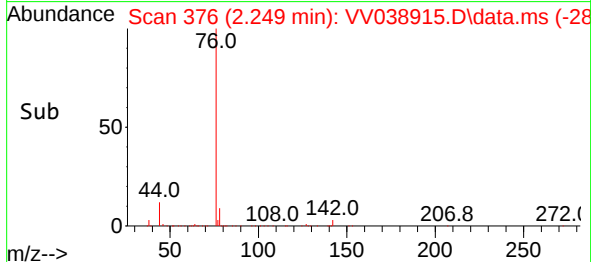
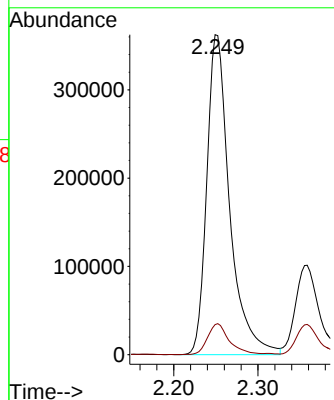
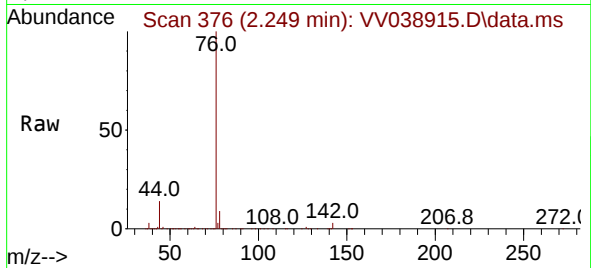




#17
Carbon Disulfide
Concen: 64.489 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

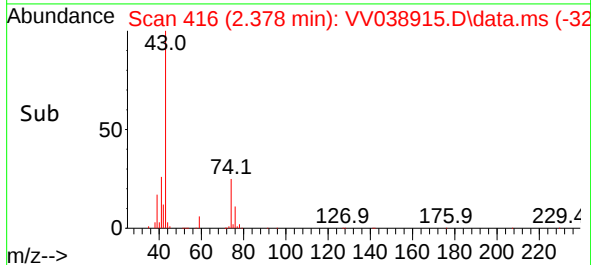
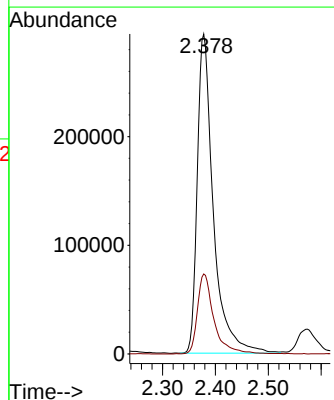
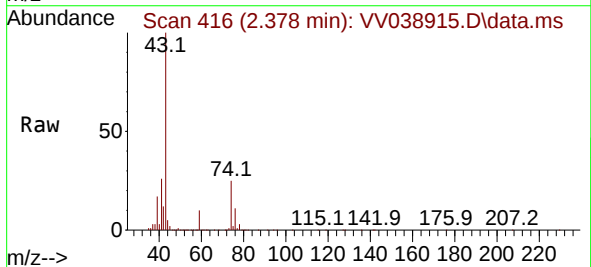
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

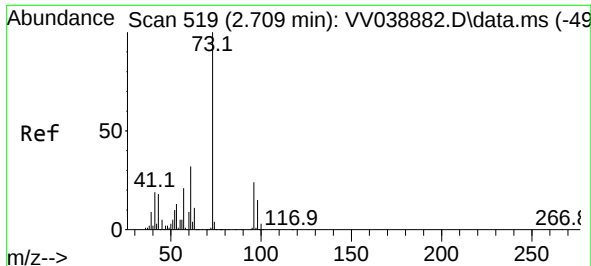
Tgt Ion: 76 Resp: 685899
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 53.865 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 43 Resp: 619203
Ion Ratio Lower Upper
43 100
74 25.6 21.1 31.7

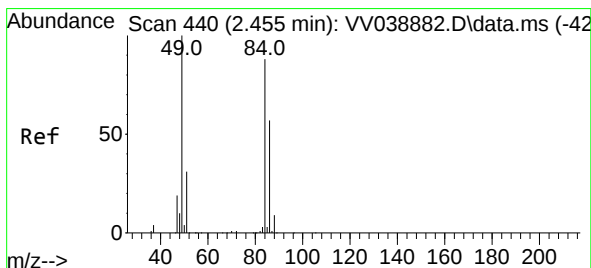
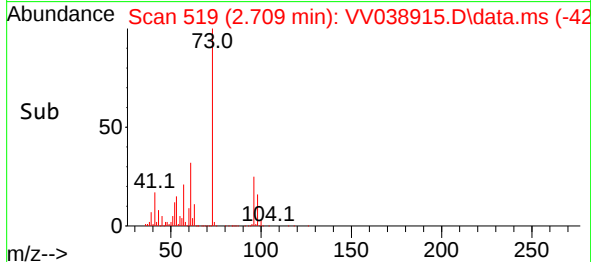
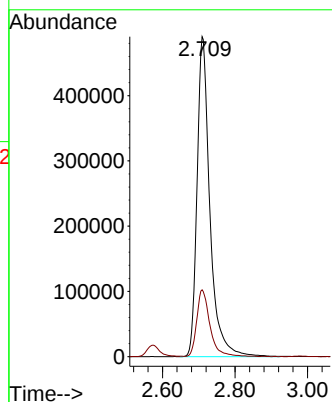
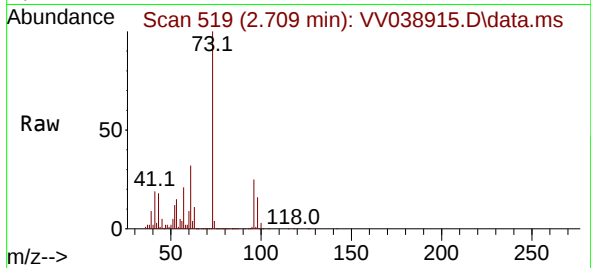




#19
Methyl tert-butyl Ether
Concen: 47.715 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

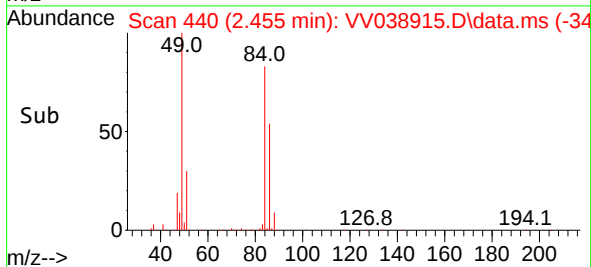
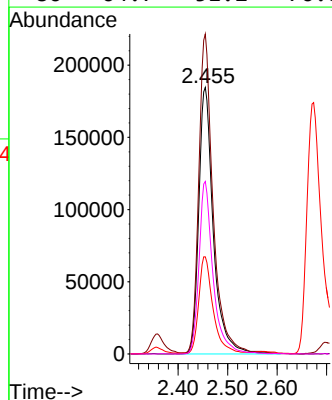
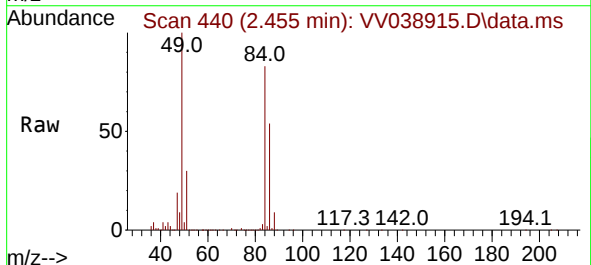
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

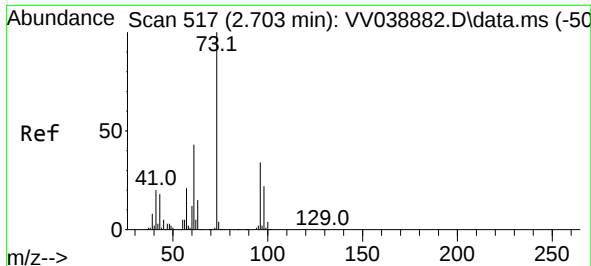
Tgt Ion: 73 Resp: 1203557
Ion Ratio Lower Upper
73 100
57 20.9 16.5 24.7



#20
Methylene Chloride
Concen: 43.957 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 84 Resp: 378888
Ion Ratio Lower Upper
84 100
49 119.8 90.5 135.7
51 36.2 27.8 41.6
86 64.7 51.2 76.8

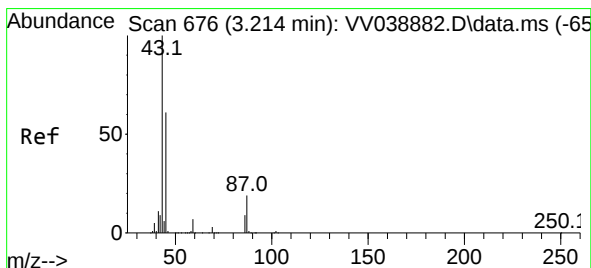
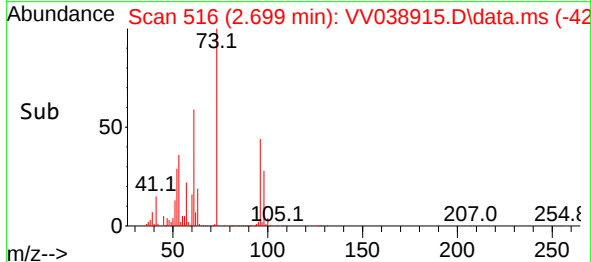
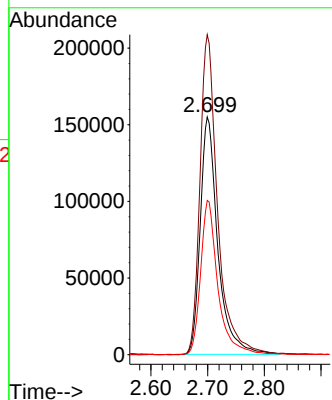
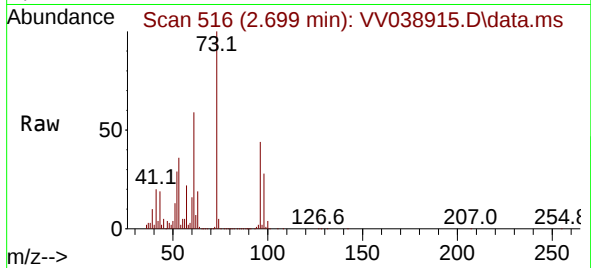




#21
trans-1,2-Dichloroethene
Concen: 46.697 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

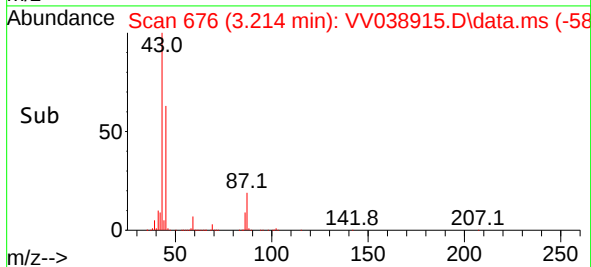
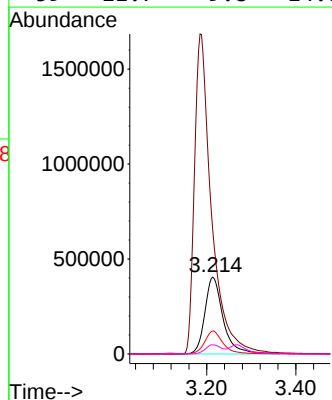
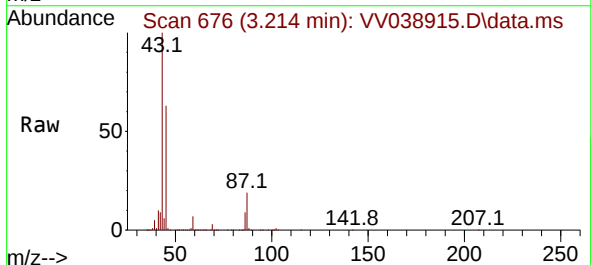
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

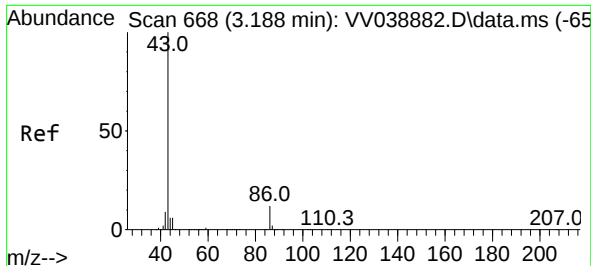
Tgt Ion: 96 Resp: 334259
Ion Ratio Lower Upper
96 100
61 134.7 102.0 153.0
98 64.9 51.0 76.6



#22
Diisopropyl ether
Concen: 53.632 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 45 Resp: 1148554
Ion Ratio Lower Upper
45 100
43 159.9 132.1 198.1
87 29.9 25.0 37.4
59 11.7 9.8 14.8

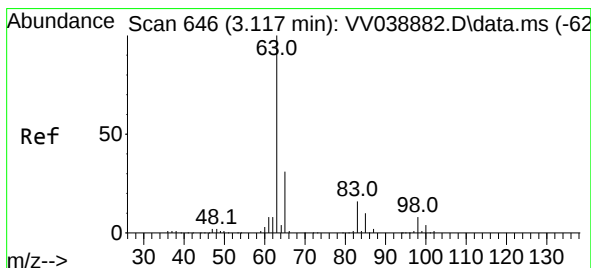
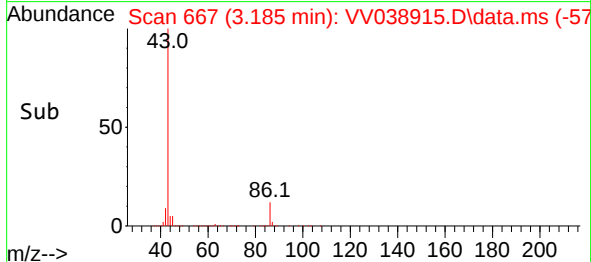
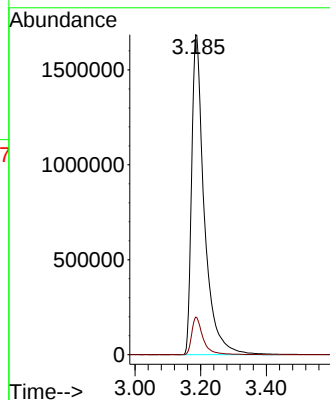
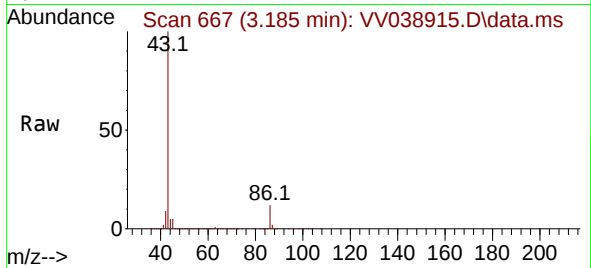




#23
 Vinyl Acetate
 Concen: 268.763 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

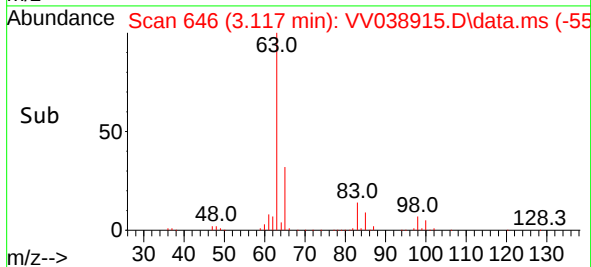
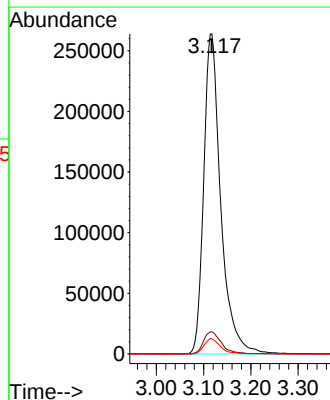
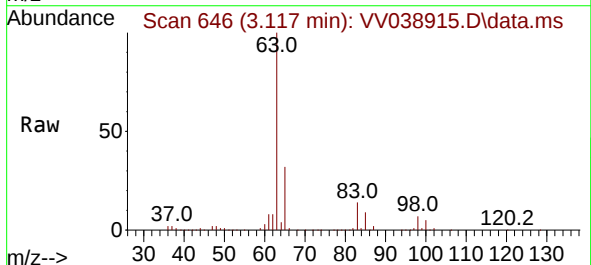
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

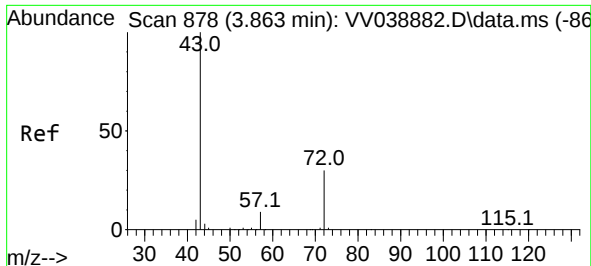
Tgt Ion: 43 Resp: 4513048
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 47.144 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Tgt Ion: 63 Resp: 661194
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.8 2.2 6.6

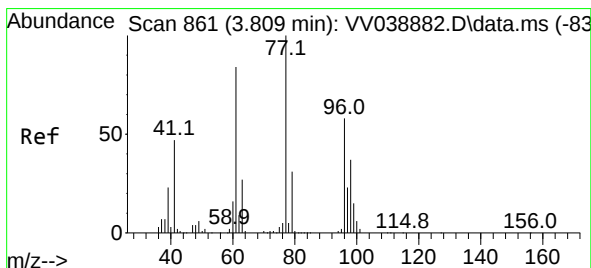
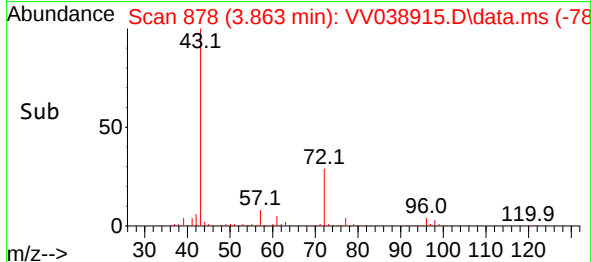
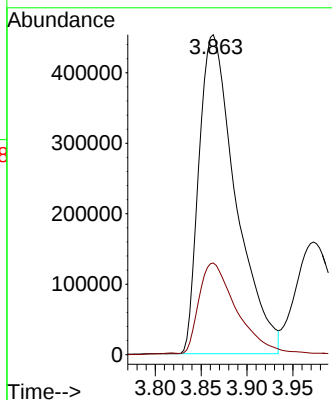
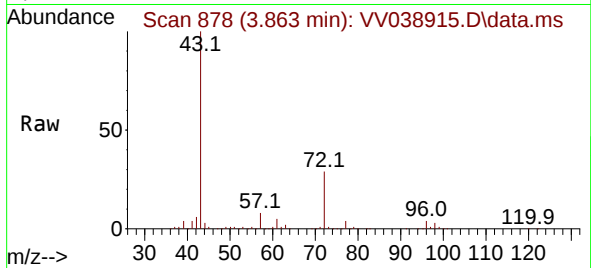




#25
2-Butanone
Concen: 260.152 ug/l
RT: 3.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

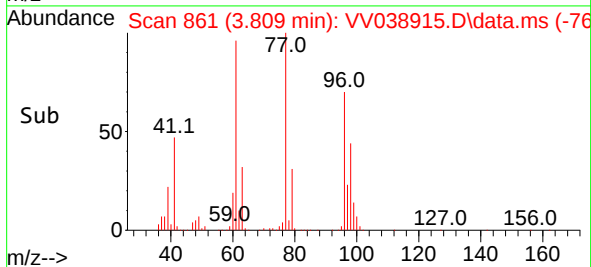
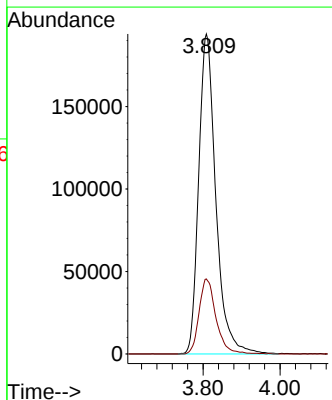
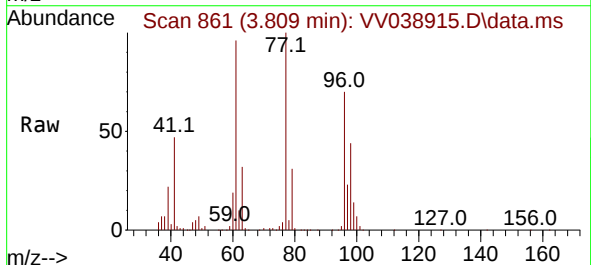
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

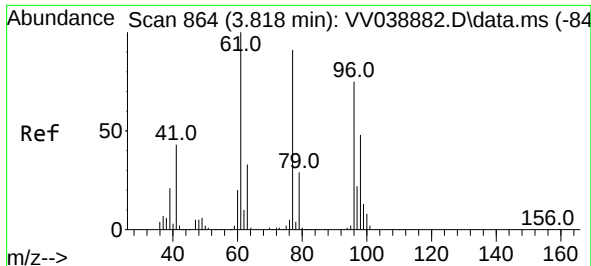
Tgt Ion: 43 Resp: 1266905
Ion Ratio Lower Upper
43 100
72 28.4 23.9 35.9



#26
2,2-Dichloropropane
Concen: 48.796 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 77 Resp: 599181
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2

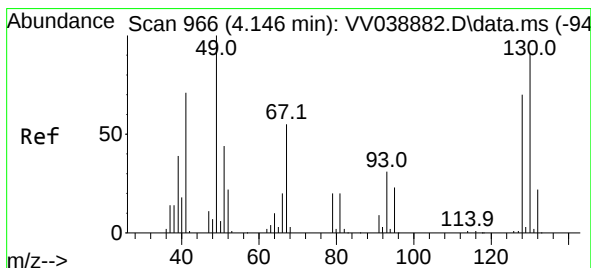
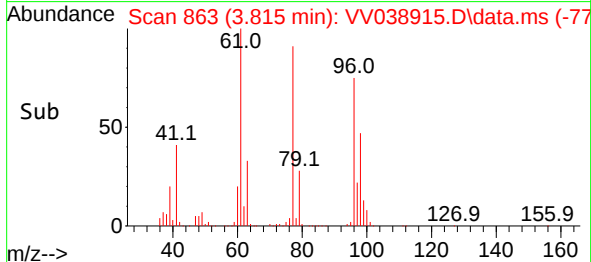
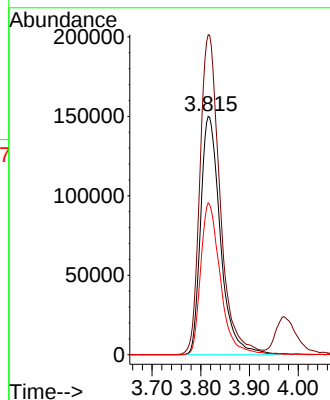
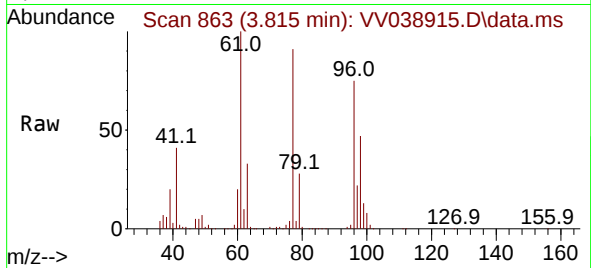




#27
 cis-1,2-Dichloroethene
 Concen: 51.354 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

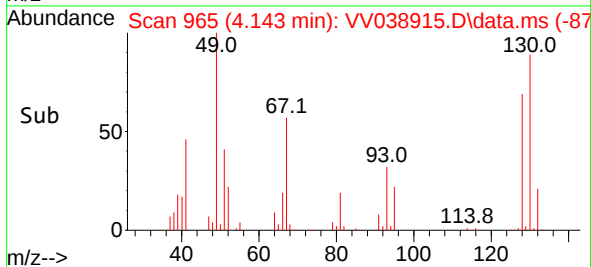
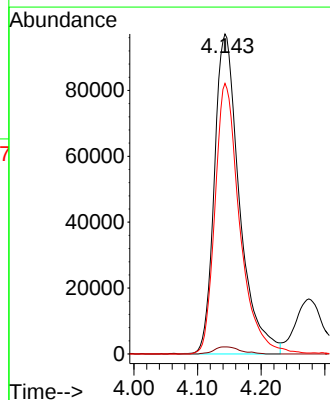
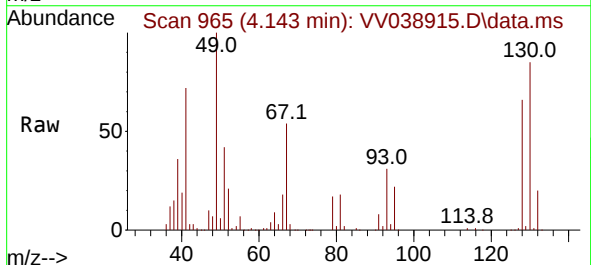
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

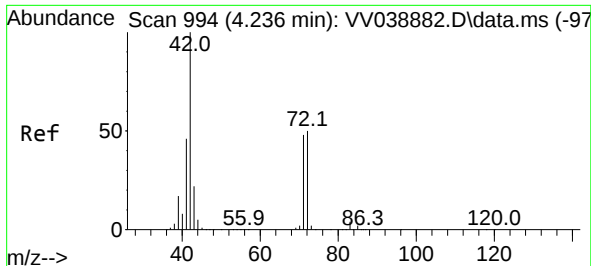
Tgt Ion: 96 Resp: 422100
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 275.0
 98 63.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 49.025 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Tgt Ion: 49 Resp: 266139
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 83.6 70.1 105.1





#29

Tetrahydrofuran

Concen: 263.969 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

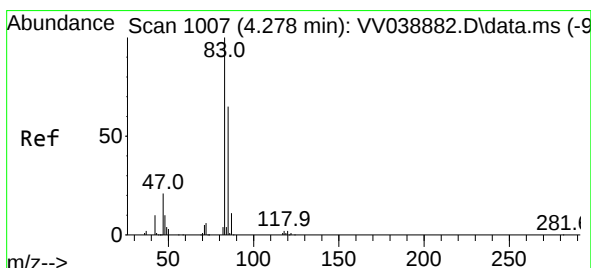
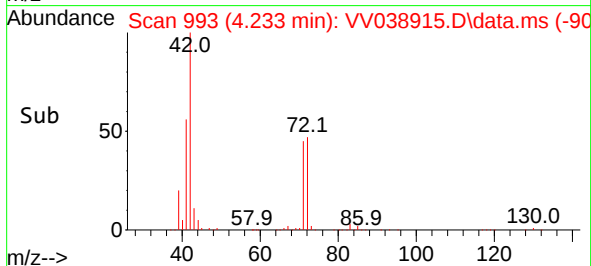
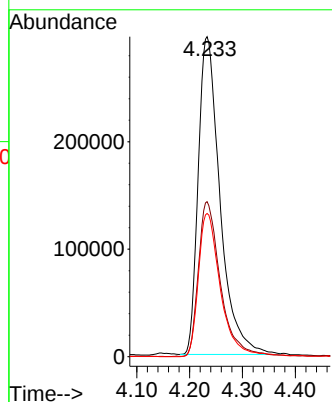
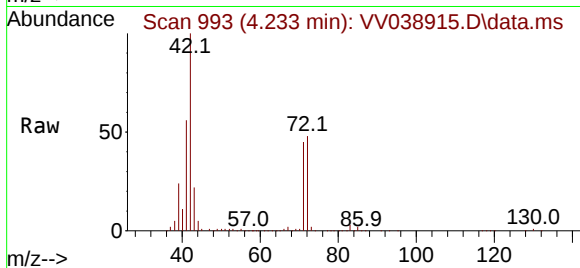
Tgt Ion: 42 Resp: 847239

Ion Ratio Lower Upper

42 100

72 49.3 41.6 62.4

71 45.8 38.4 57.6



#30

Chloroform

Concen: 45.045 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038915.D

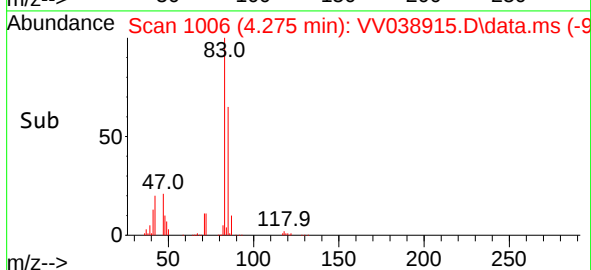
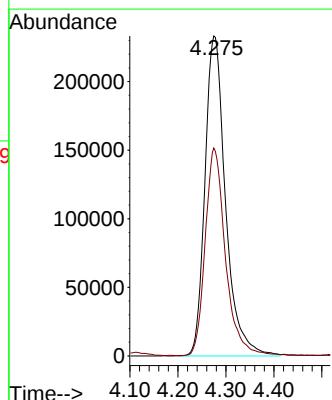
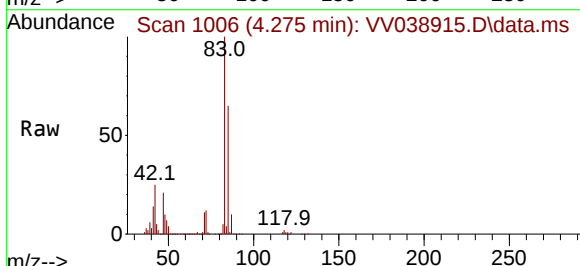
Acq: 18 Jul 2025 11:58

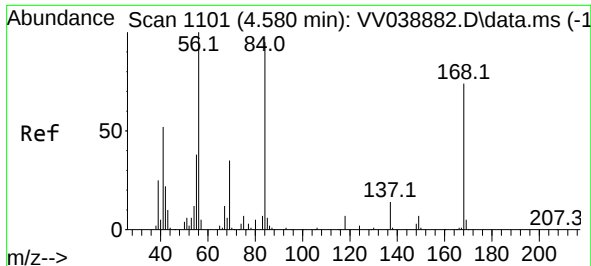
Tgt Ion: 83 Resp: 696504

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4





#31

Cyclohexane

Concen: 54.278 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

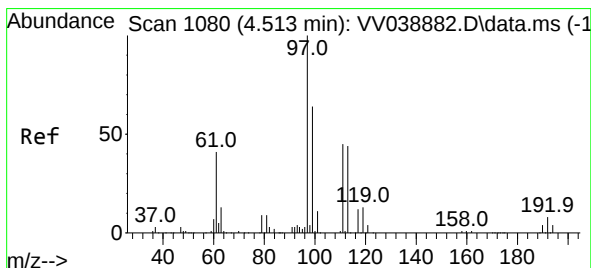
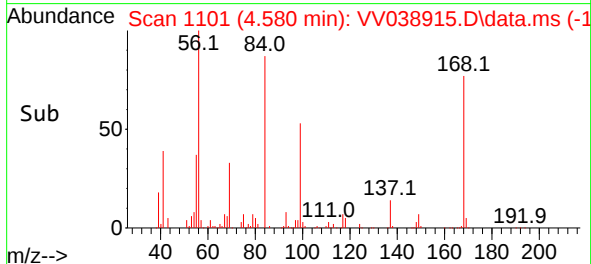
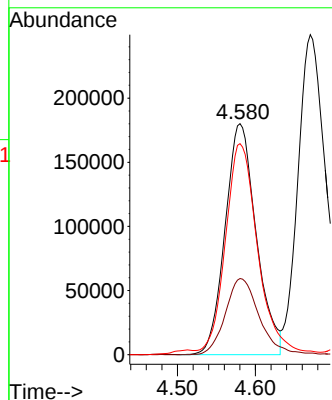
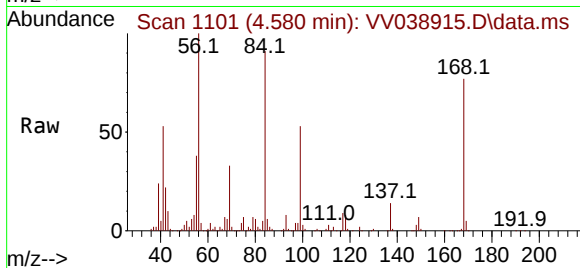
Tgt Ion: 56 Resp: 499663

Ion Ratio Lower Upper

56 100

69 32.9 28.2 42.2

84 89.7 76.0 114.0



#32

1,1,1-Trichloroethane

Concen: 45.722 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

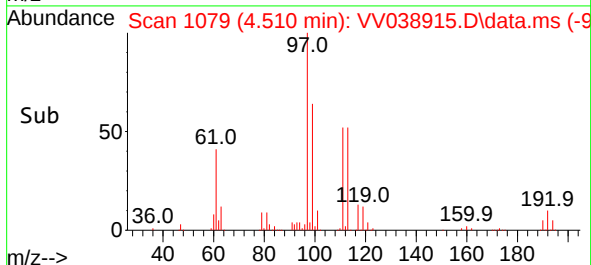
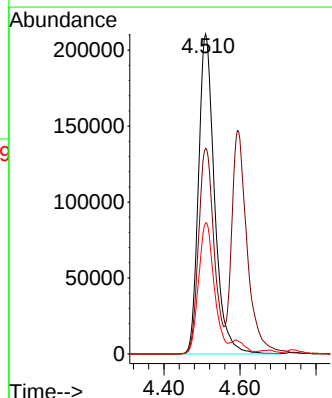
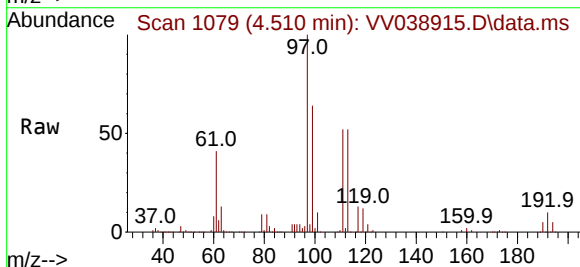
Tgt Ion: 97 Resp: 616849

Ion Ratio Lower Upper

97 100

99 61.6 50.1 75.1

61 40.0 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 50.730 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

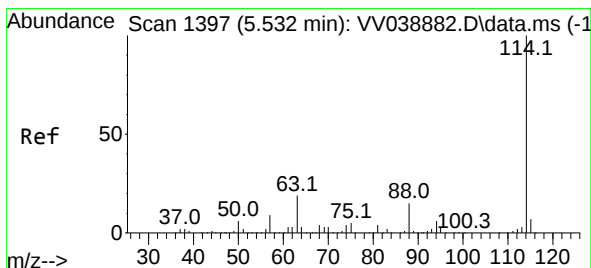
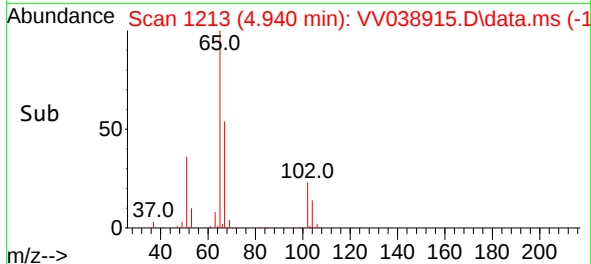
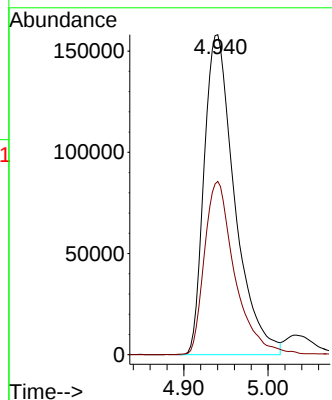
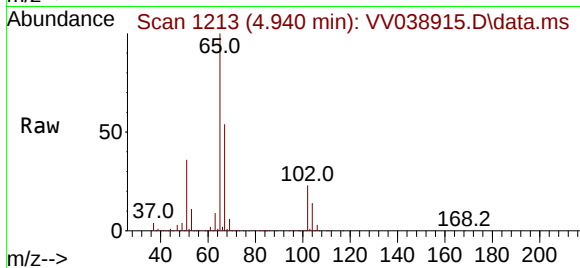
VSTDCCC050

Tgt Ion: 65 Resp: 398320

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

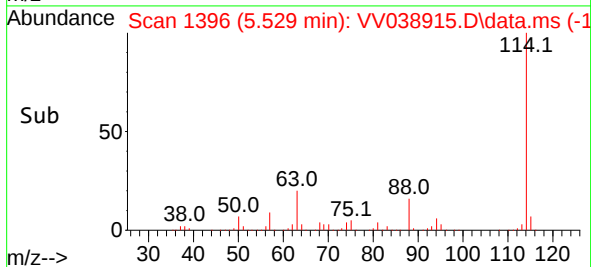
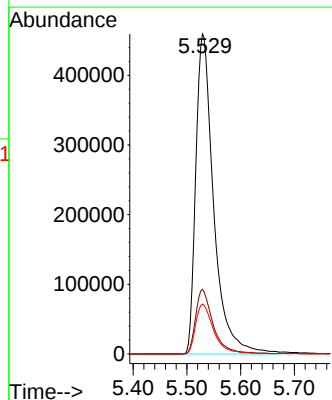
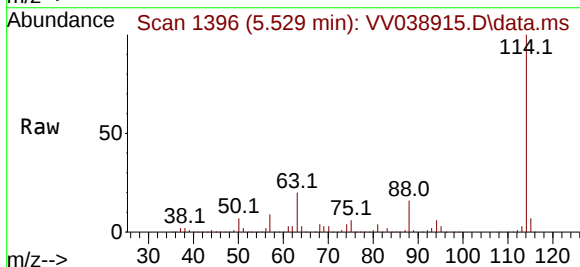
Tgt Ion: 114 Resp: 1059725

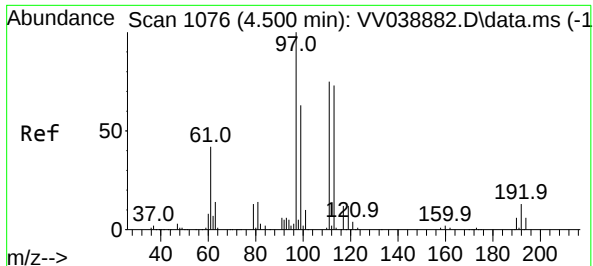
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.2

88 15.6 0.0 30.8

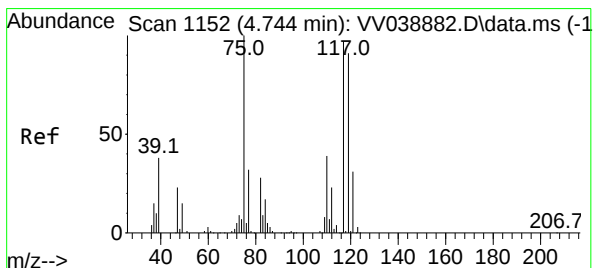
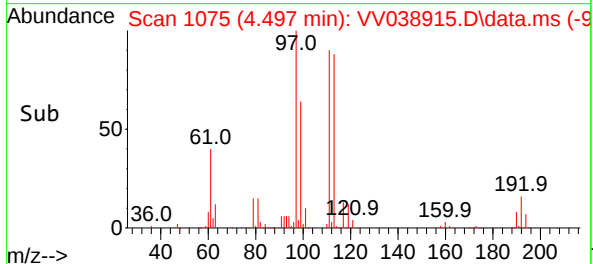
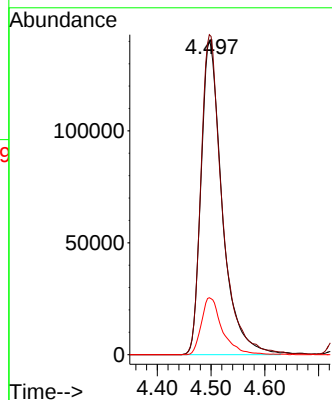
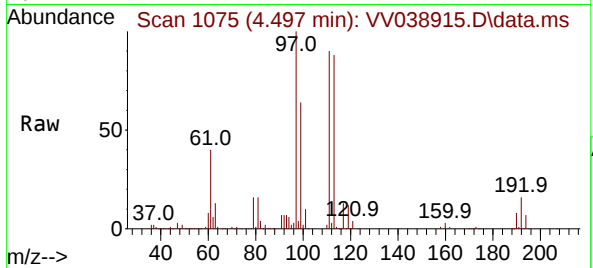




#35
Dibromofluoromethane
Concen: 53.109 ug/l
RT: 4.497 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

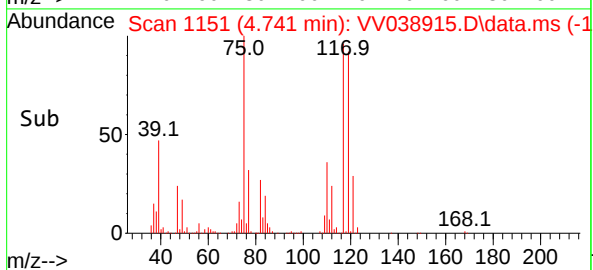
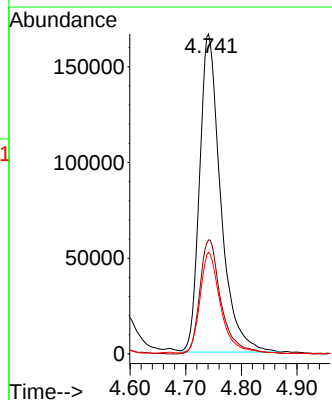
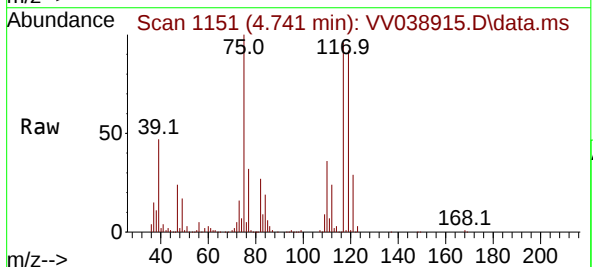
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

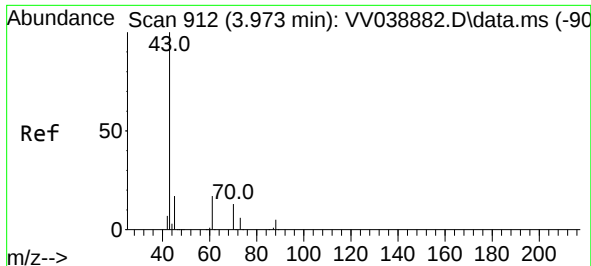
Tgt Ion:113 Resp: 383722
Ion Ratio Lower Upper
113 100
111 102.0 83.3 124.9
192 17.9 14.2 21.4



#36
1,1-Dichloropropene
Concen: 52.601 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 75 Resp: 436778
Ion Ratio Lower Upper
75 100
110 36.7 18.8 56.3
77 30.5 24.2 36.4

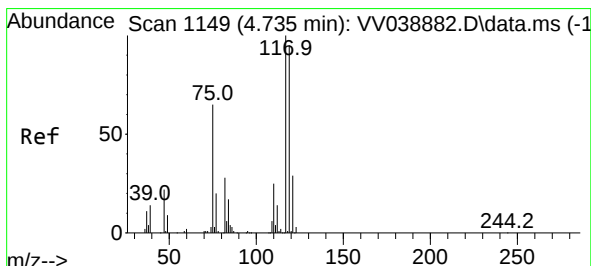
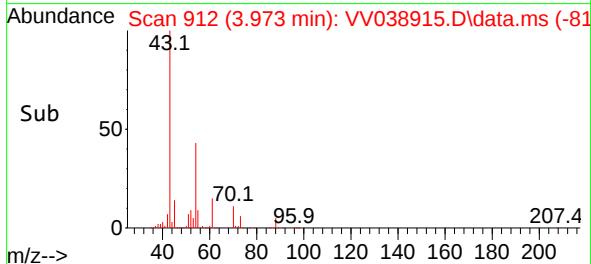
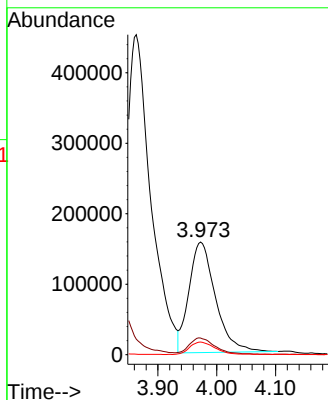
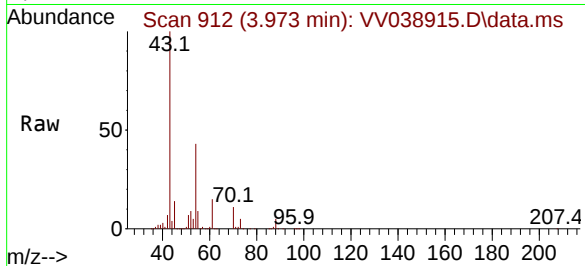




#37
Ethyl Acetate
Concen: 50.213 ug/l
RT: 3.973 min Scan# 912
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

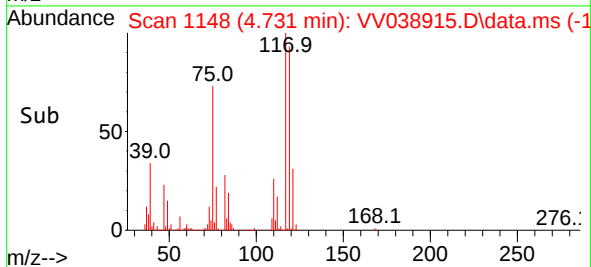
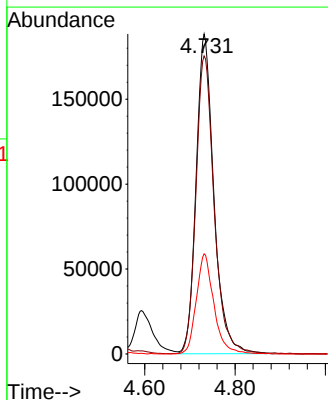
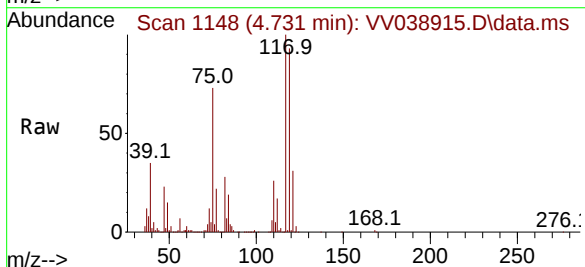
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

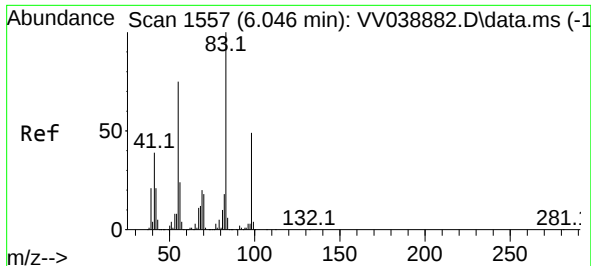
Tgt Ion: 43 Resp: 490910
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 46.727 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 117 Resp: 515397
Ion Ratio Lower Upper
117 100
119 93.1 76.0 114.0
121 31.2 23.1 34.7





#39

Methylcyclohexane

Concen: 57.046 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

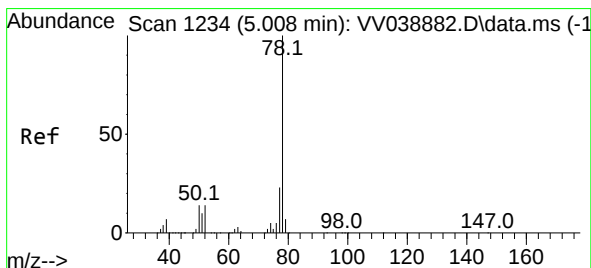
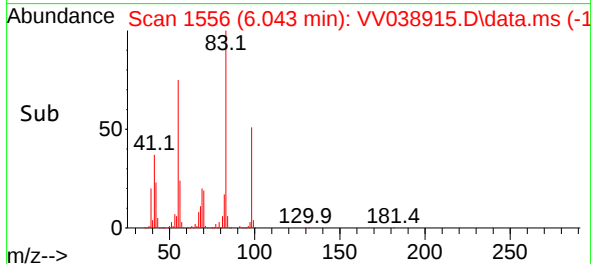
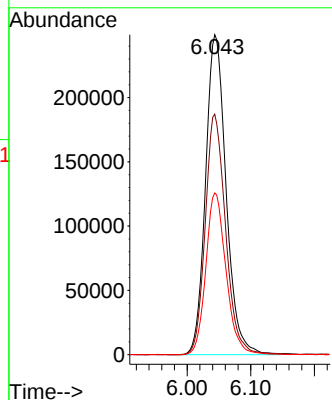
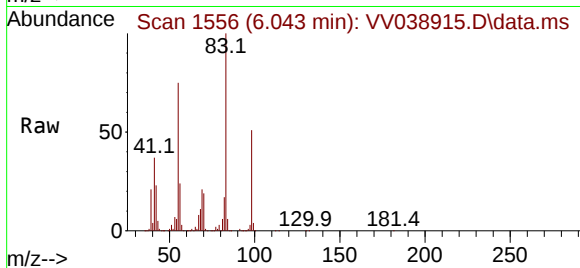
Tgt Ion: 83 Resp: 558918

Ion Ratio Lower Upper

83 100

55 75.1 60.0 90.0

98 50.5 39.0 58.6



#40

Benzene

Concen: 49.956 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038915.D

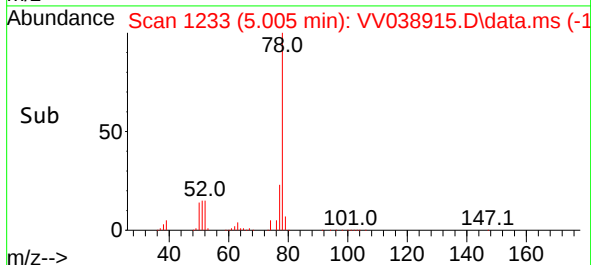
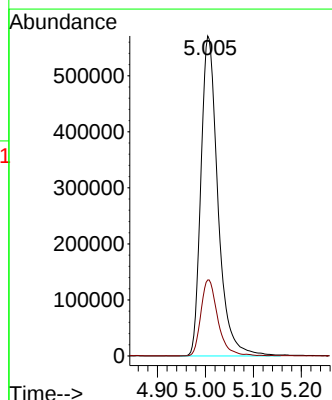
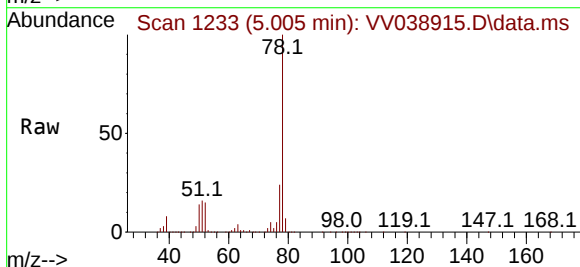
Acq: 18 Jul 2025 11:58

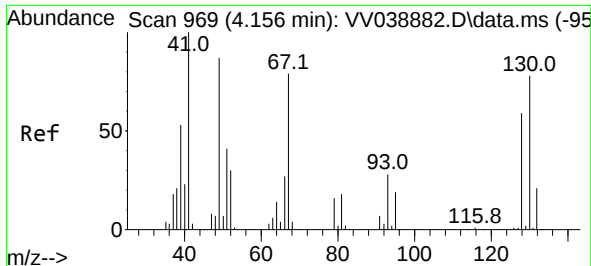
Tgt Ion: 78 Resp: 1406210

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0

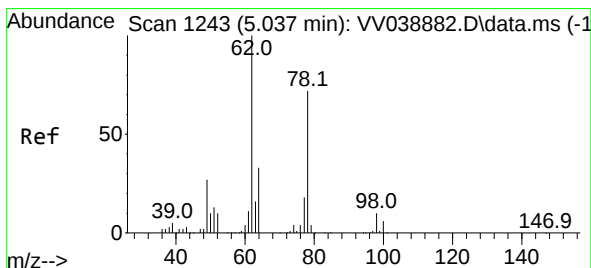
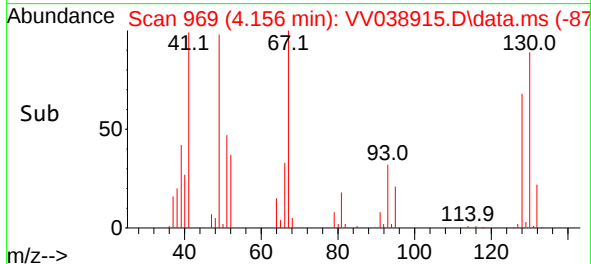
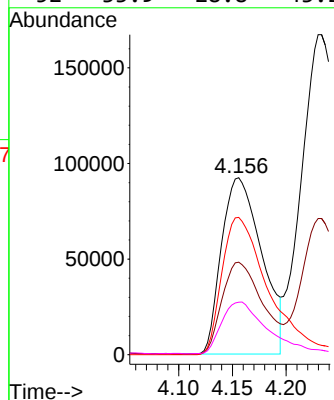
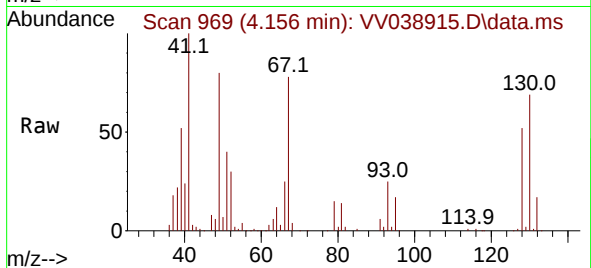




#41
Methacrylonitrile
Concen: 53.537 ug/l
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

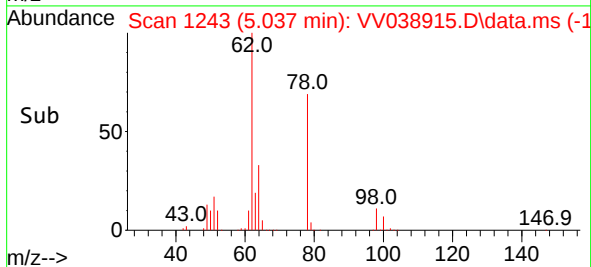
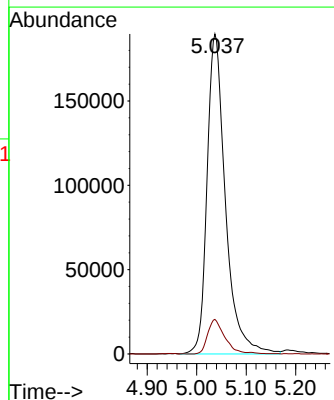
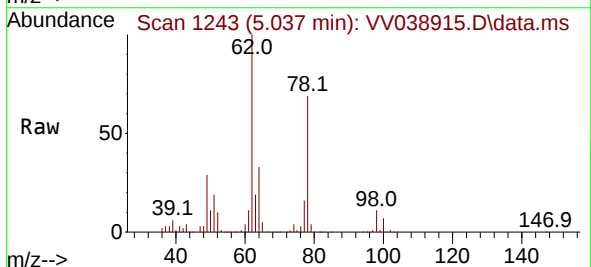
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

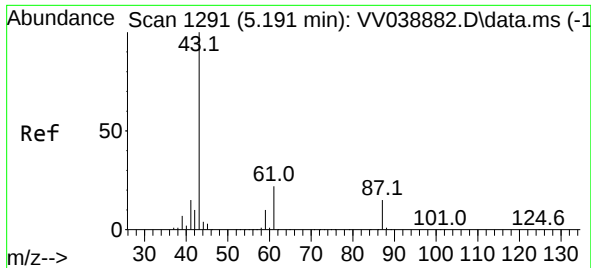
Tgt Ion: 41 Resp: 240213
Ion Ratio Lower Upper
41 100
39 53.0 42.0 63.0
67 92.7 76.2 114.2
52 33.9 28.8 43.2



#42
1,2-Dichloroethane
Concen: 45.480 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 62 Resp: 487975
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.8

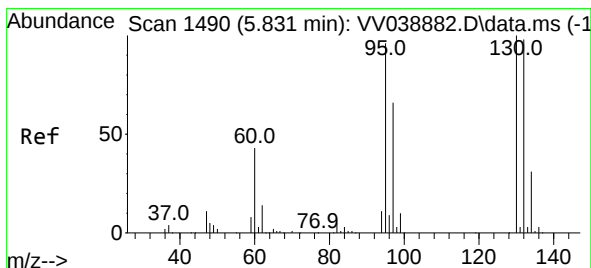
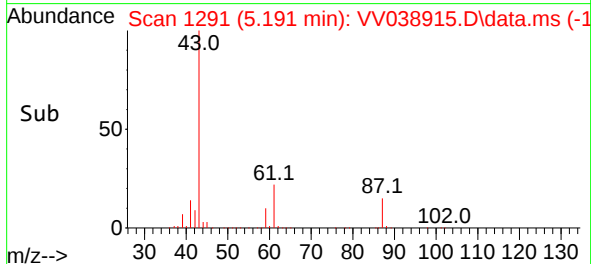
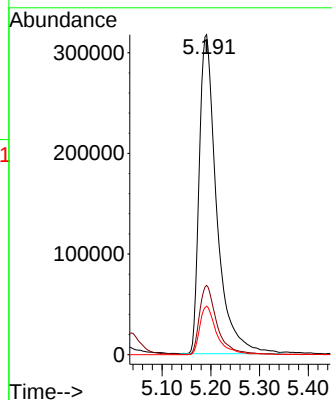
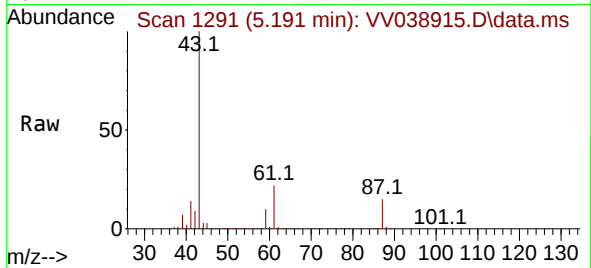




#43
Isopropyl Acetate
Concen: 51.177 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

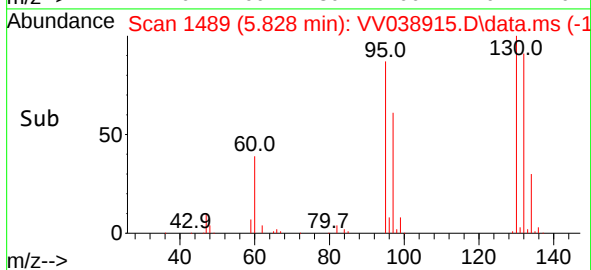
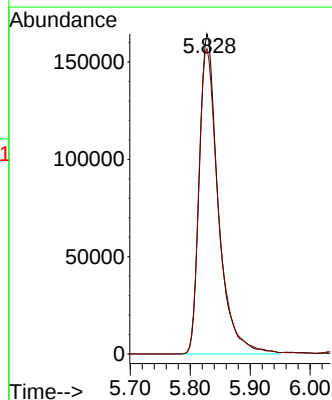
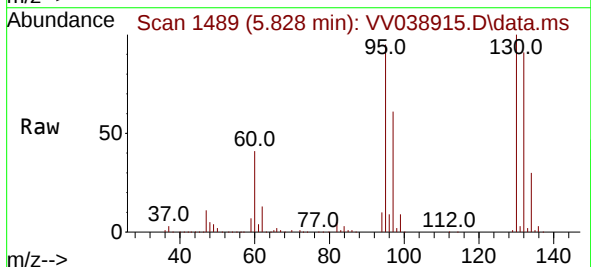
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

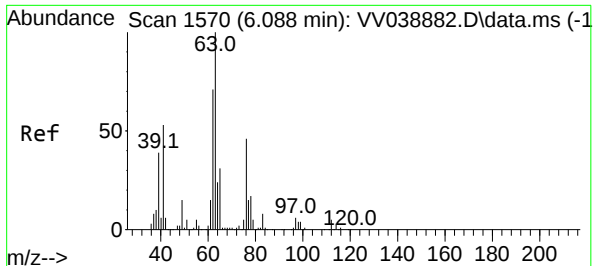
Tgt Ion: 43 Resp: 791284
Ion Ratio Lower Upper
43 100
61 21.4 17.1 25.7
87 14.7 12.2 18.4



#44
Trichloroethene
Concen: 48.973 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion:130 Resp: 360228
Ion Ratio Lower Upper
130 100
95 95.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.599 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

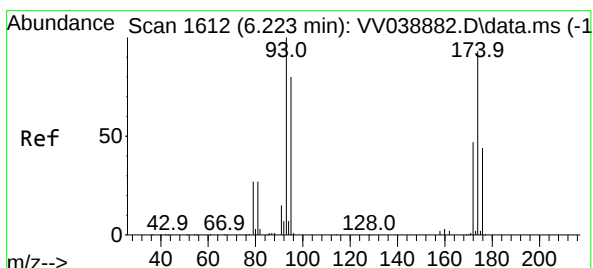
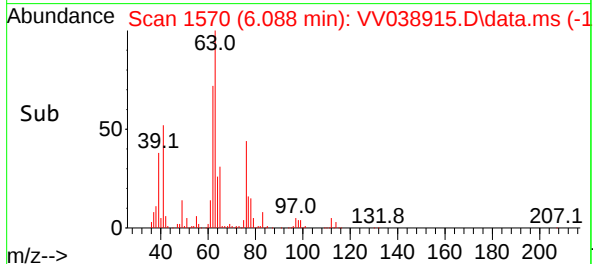
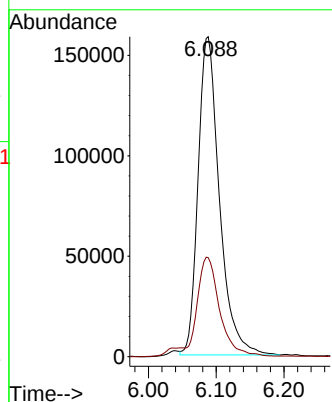
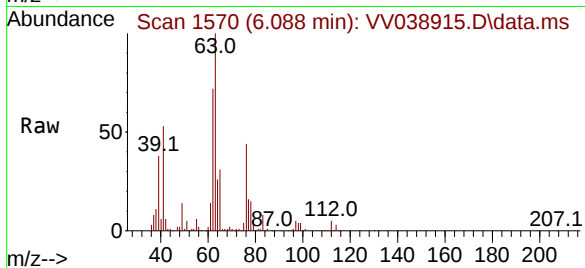
VSTDCCC050

Tgt Ion: 63 Resp: 346502

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 46.706 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

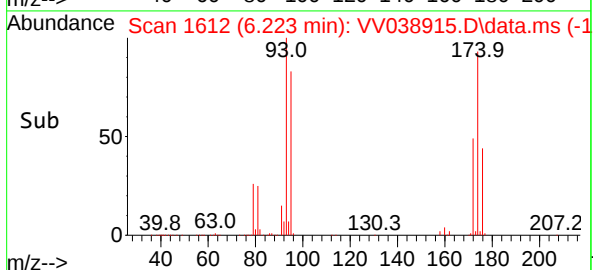
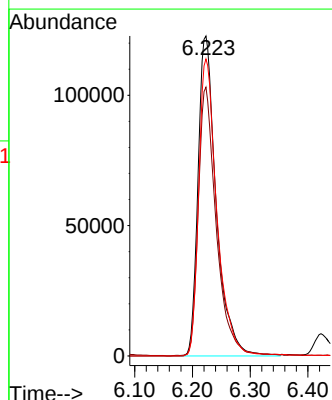
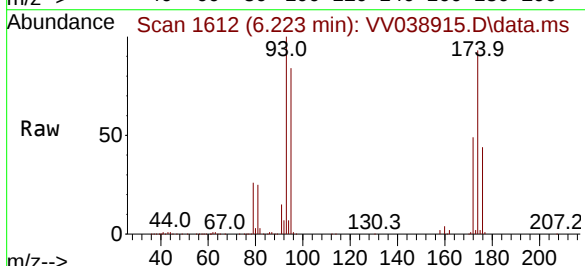
Tgt Ion: 93 Resp: 268711

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 92.9 75.3 112.9

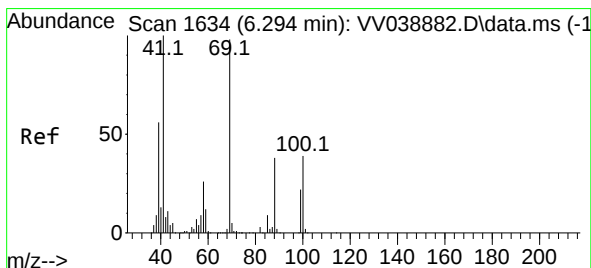
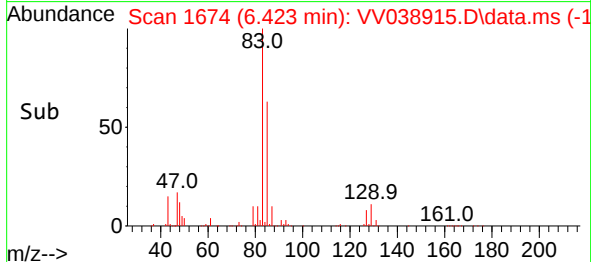
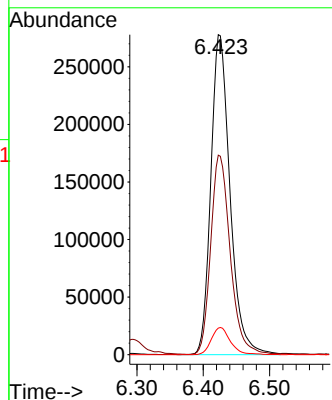
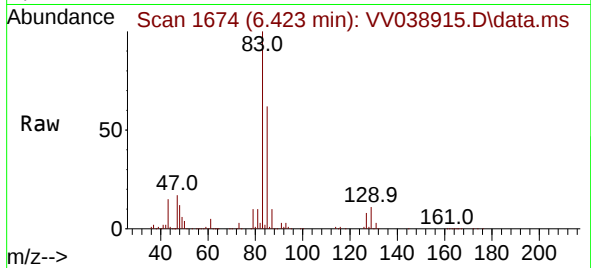




#47
 Bromodichloromethane
 Concen: 45.809 ug/l
 RT: 6.423 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

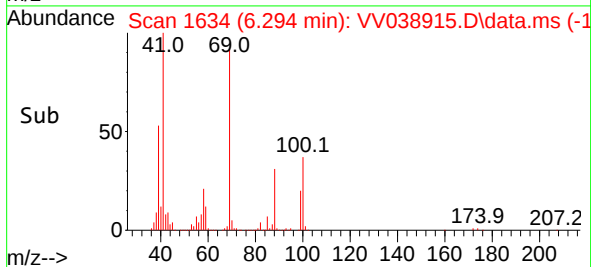
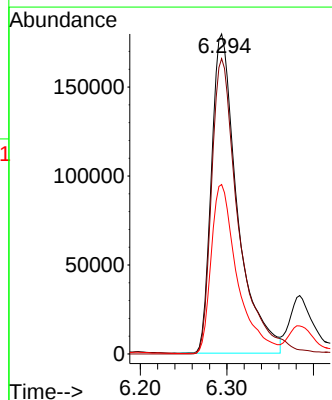
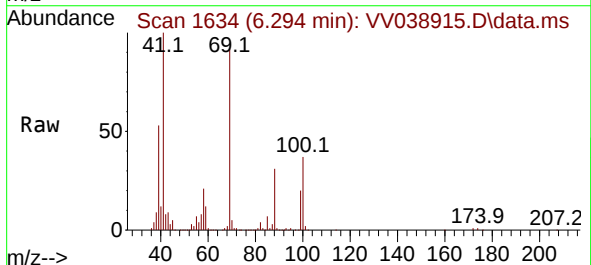
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

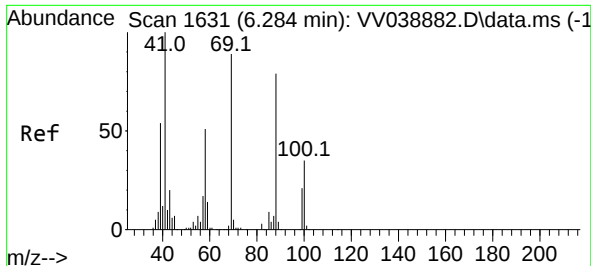
Tgt Ion: 83 Resp: 559325
 Ion Ratio Lower Upper
 83 100
 85 62.2 51.4 77.0
 127 8.3 6.9 10.3



#48
 Methyl methacrylate
 Concen: 55.656 ug/l
 RT: 6.294 min Scan# 1634
 Delta R.T. -0.000 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Tgt Ion: 41 Resp: 373467
 Ion Ratio Lower Upper
 41 100
 69 96.7 79.4 119.2
 39 53.3 44.0 66.0





#49

1,4-Dioxane

Concen: 992.910 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

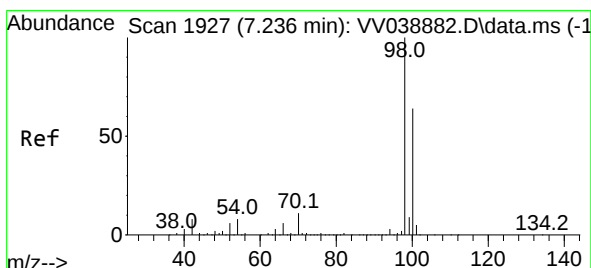
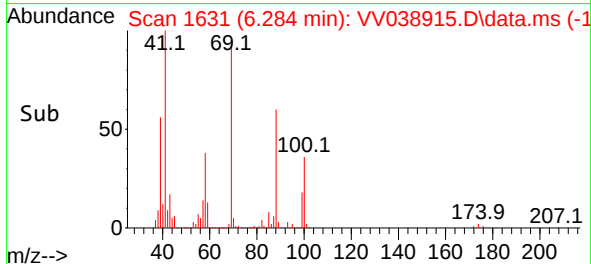
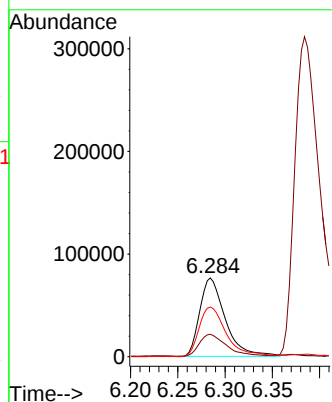
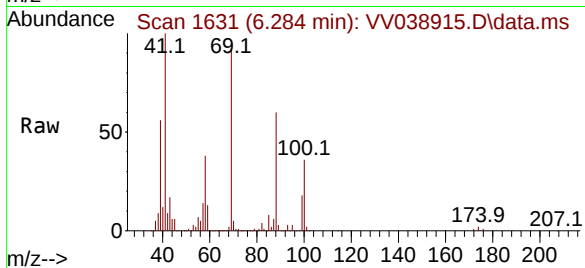
Tgt Ion: 88 Resp: 143553

Ion Ratio Lower Upper

88 100

43 30.1 23.0 34.4

58 67.3 53.8 80.6



#50

Toluene-d8

Concen: 49.548 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038915.D

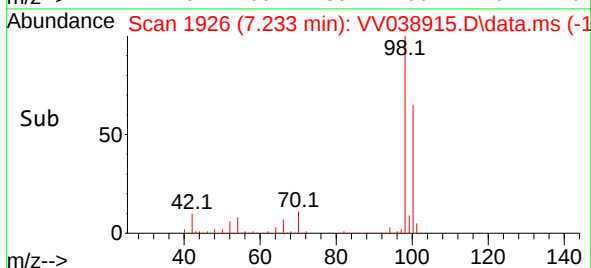
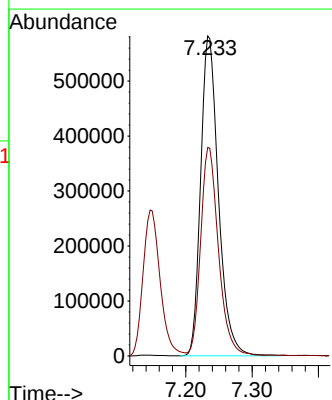
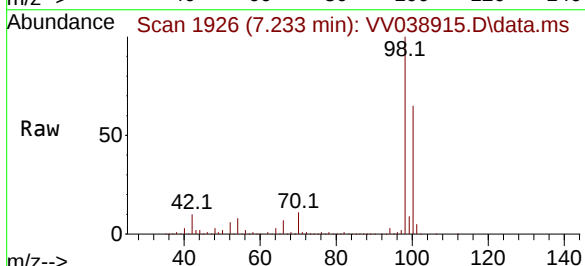
Acq: 18 Jul 2025 11:58

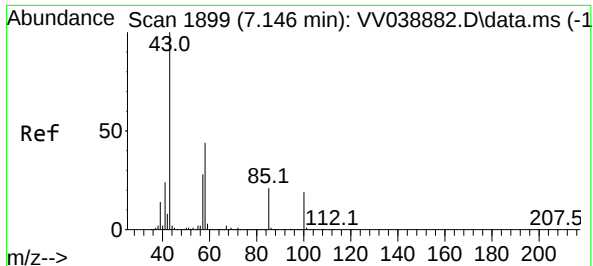
Tgt Ion: 98 Resp: 1082119

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

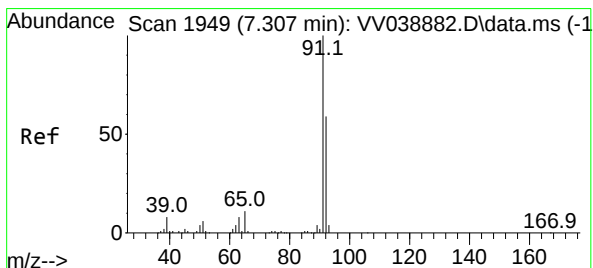
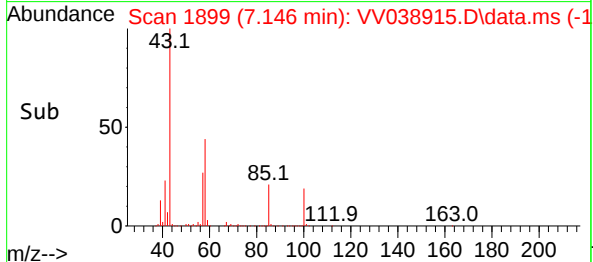
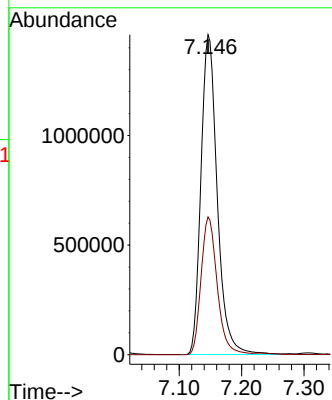
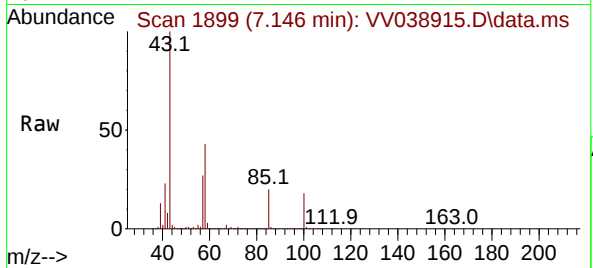




#51
4-Methyl-2-Pentanone
Concen: 251.740 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

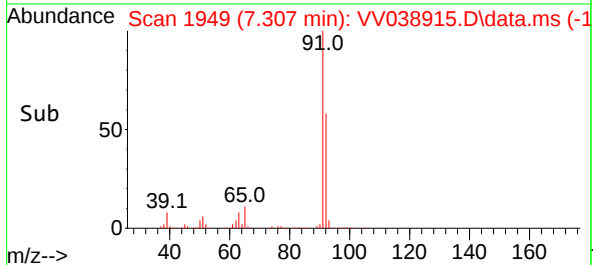
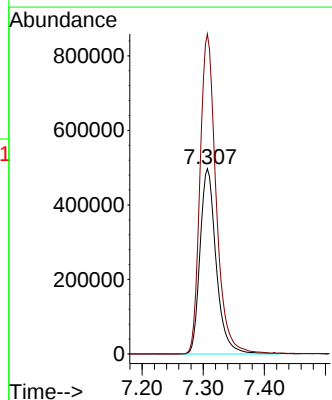
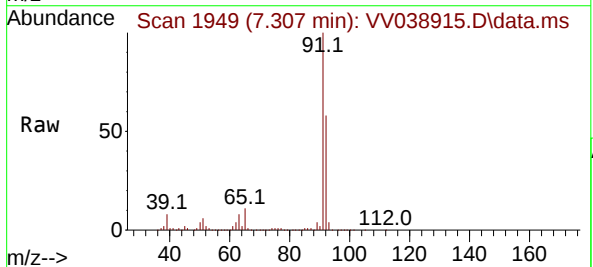
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

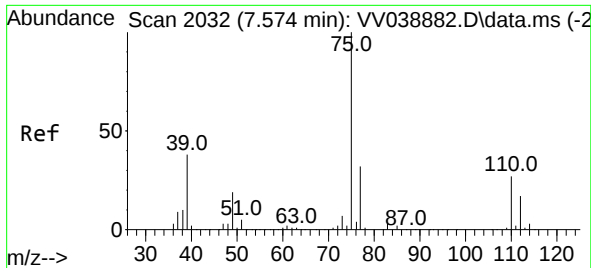
Tgt Ion: 43 Resp: 2650386
Ion Ratio Lower Upper
43 100
58 42.6 34.5 51.7



#52
Toluene
Concen: 51.420 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 92 Resp: 911816
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7

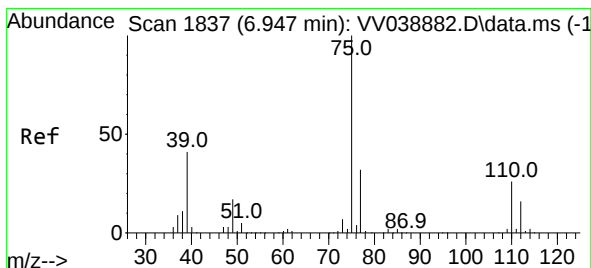
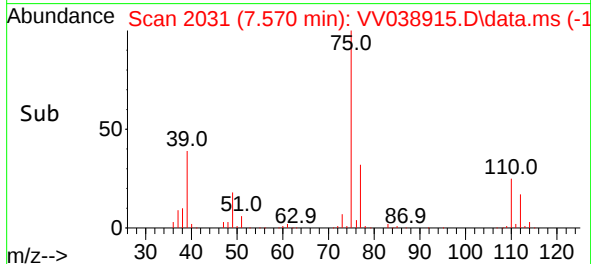
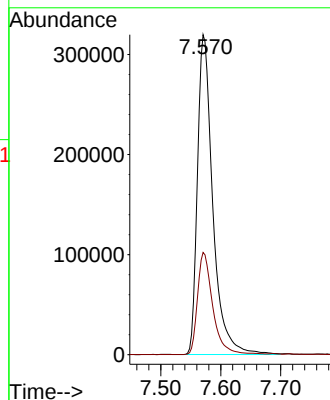
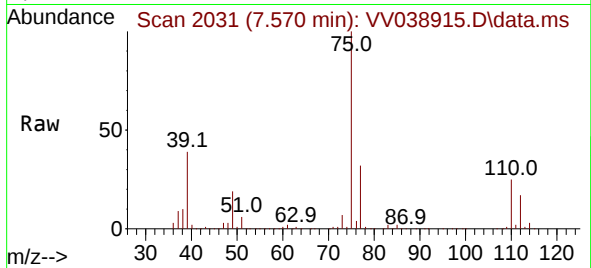




#53
 t-1,3-Dichloropropene
 Concen: 51.666 ug/l
 RT: 7.570 min Scan# 2032
 Delta R.T. -0.003 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

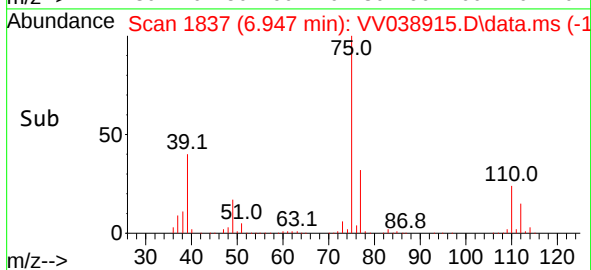
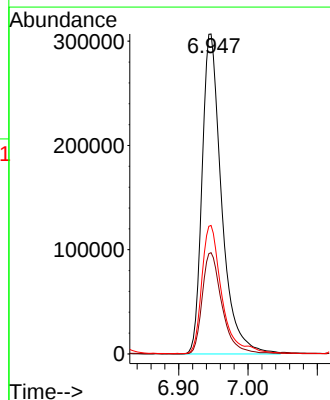
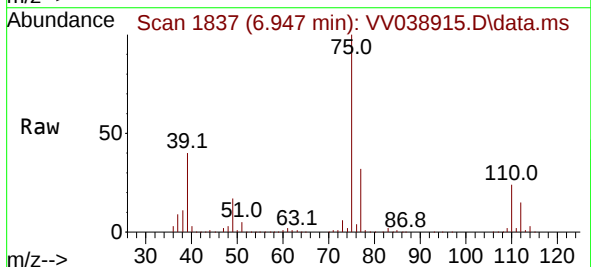
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

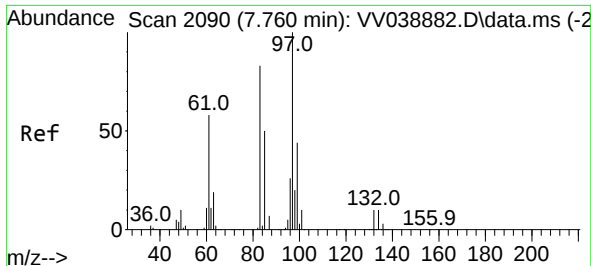
Tgt Ion: 75 Resp: 570813
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.288 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Tgt Ion: 75 Resp: 600591
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 40.1 33.1 49.7



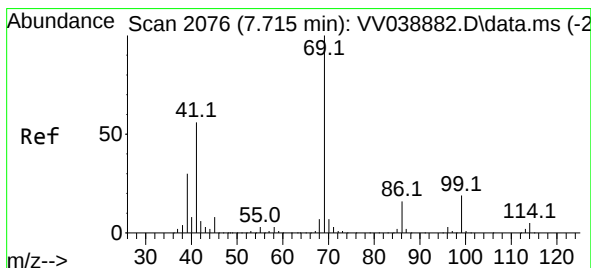
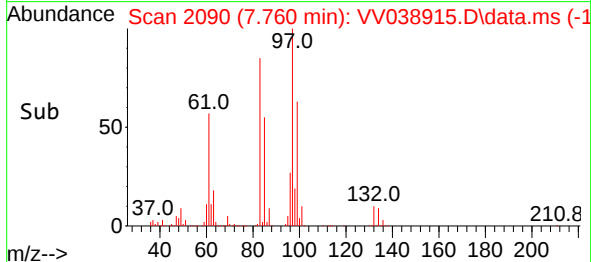
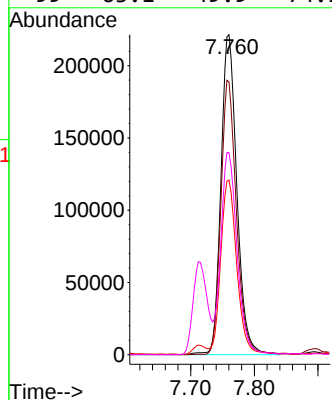
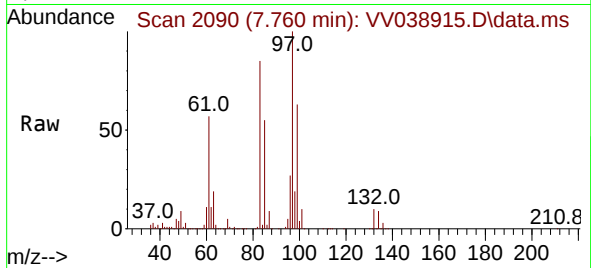


#55
 1,1,2-Trichloroethane
 Concen: 45.431 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 385069

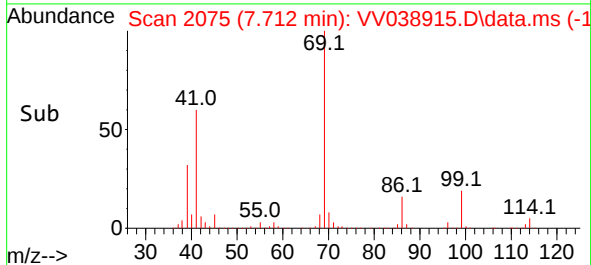
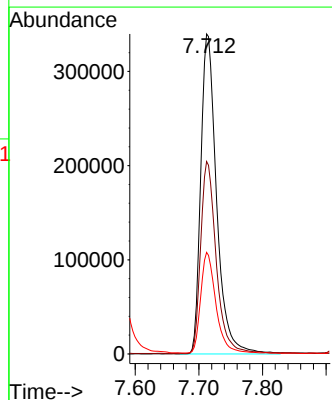
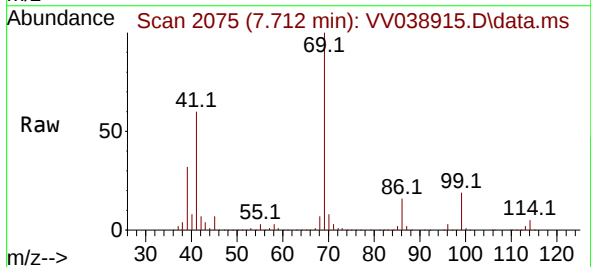
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.2	99.4
85	54.5	41.4	62.2
99	63.1	49.9	74.9

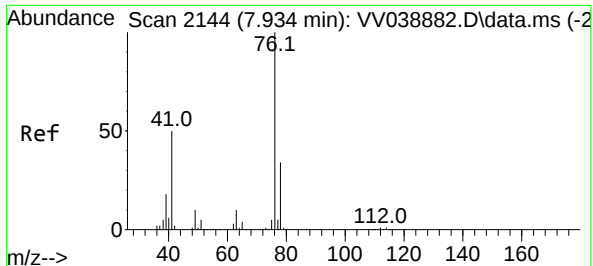


#56
 Ethyl methacrylate
 Concen: 58.415 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV038915.D
 Acq: 18 Jul 2025 11:58

Tgt Ion: 69 Resp: 588367

Ion	Ratio	Lower	Upper
69	100		
41	59.1	45.7	68.5
39	30.2	23.8	35.8





#57

1,3-Dichloropropane

Concen: 48.601 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

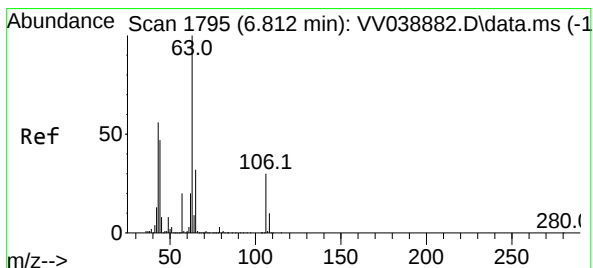
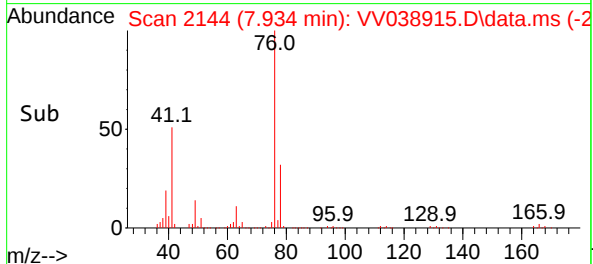
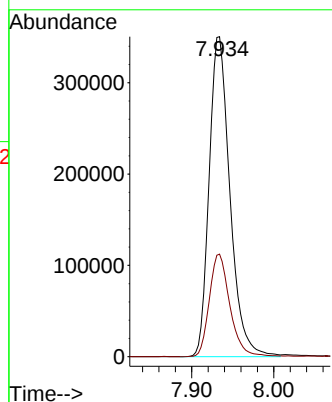
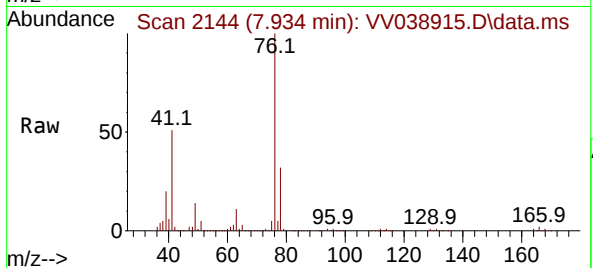
VSTDCCC050

Tgt Ion: 76 Resp: 617674

Ion Ratio Lower Upper

76 100

78 31.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 213.661 ug/l

RT: 6.808 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV038915.D

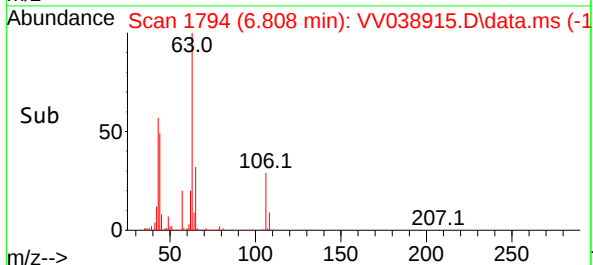
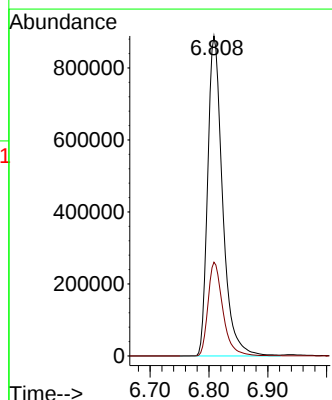
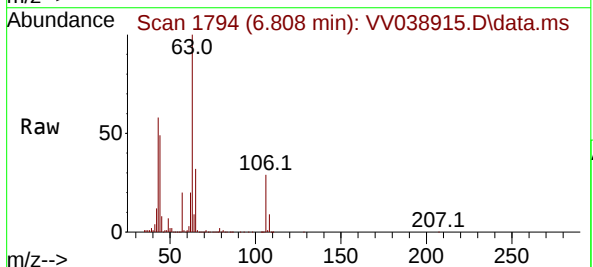
Acq: 18 Jul 2025 11:58

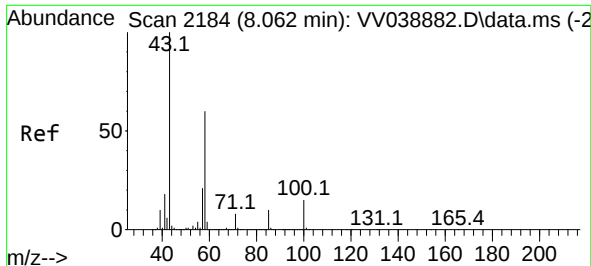
Tgt Ion: 63 Resp: 1564374

Ion Ratio Lower Upper

63 100

106 29.3 24.1 36.1

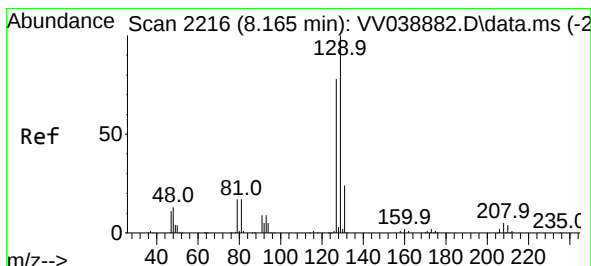
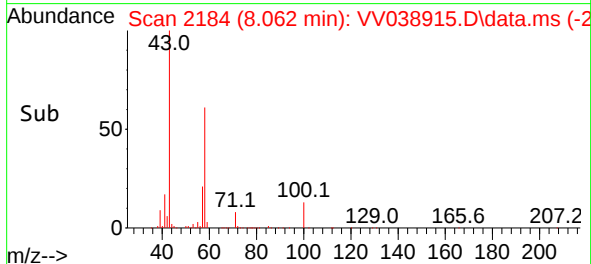
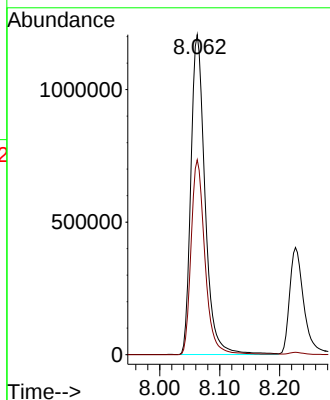
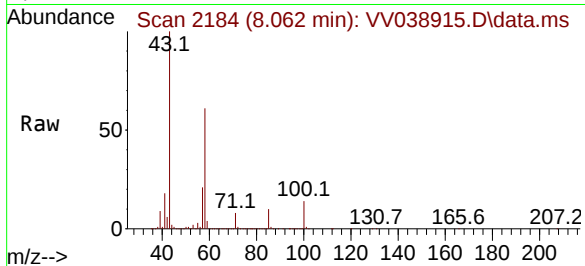




#59
2-Hexanone
Concen: 252.829 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

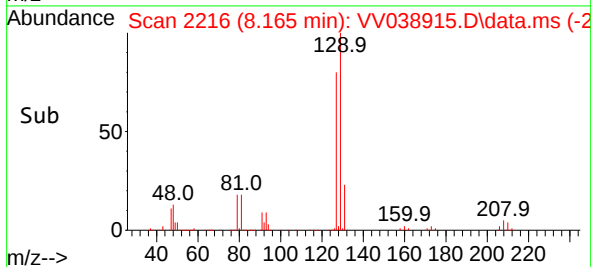
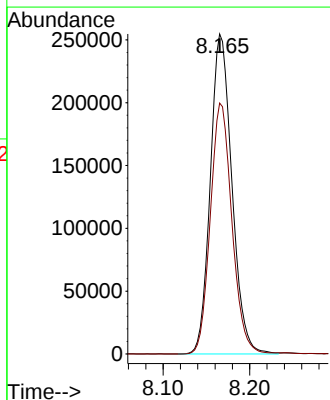
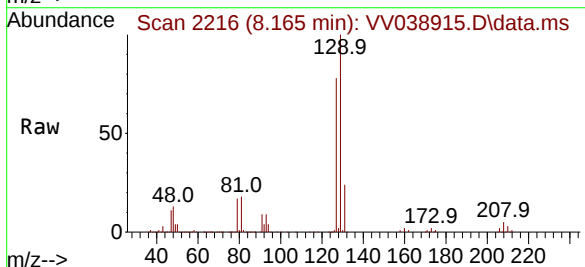
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

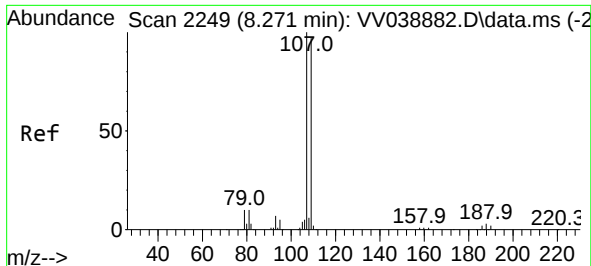
Tgt Ion: 43 Resp: 1981500
Ion Ratio Lower Upper
43 100
58 59.8 29.6 88.8



#60
Dibromochloromethane
Concen: 44.218 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 129 Resp: 441367
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.2





#61

1,2-Dibromoethane

Concen: 46.844 ug/l

RT: 8.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

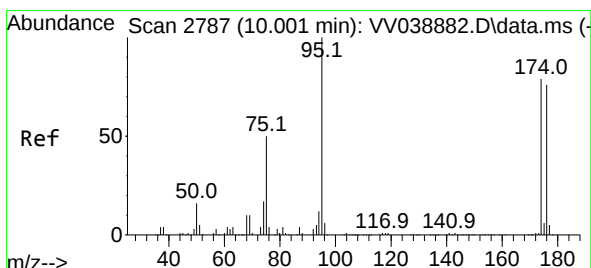
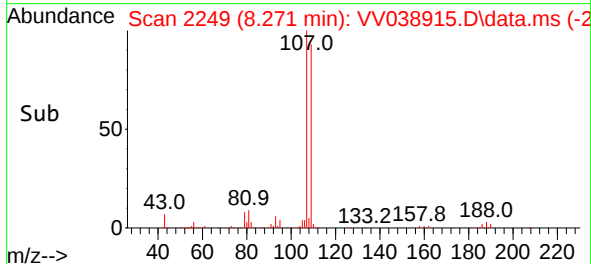
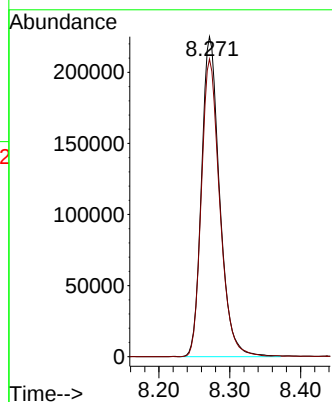
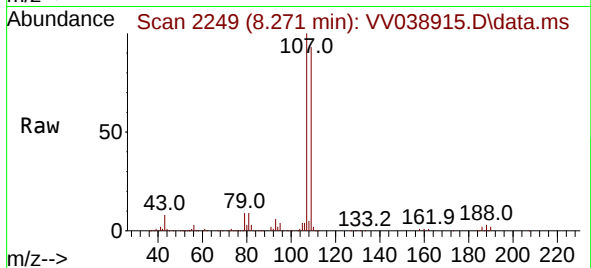
VSTDCCC050

Tgt Ion:107 Resp: 400002

Ion Ratio Lower Upper

107 100

109 94.4 77.1 115.7



#62

4-Bromofluorobenzene

Concen: 56.613 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

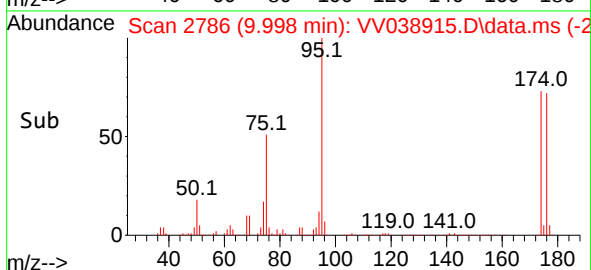
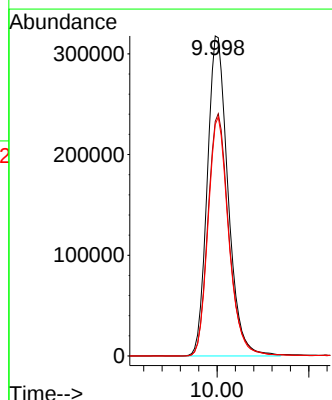
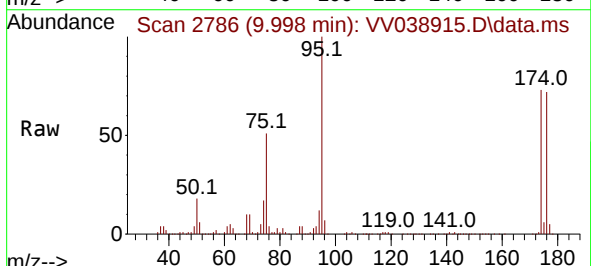
Tgt Ion: 95 Resp: 498074

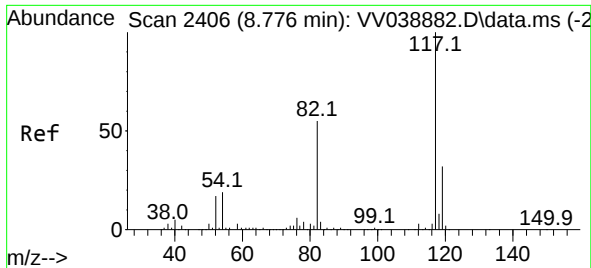
Ion Ratio Lower Upper

95 100

174 76.6 0.0 160.0

176 74.5 0.0 152.2

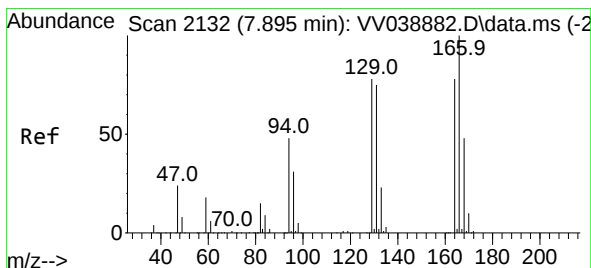
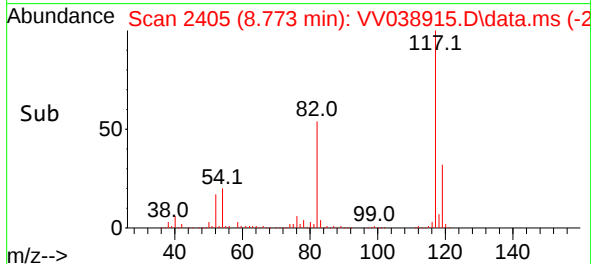
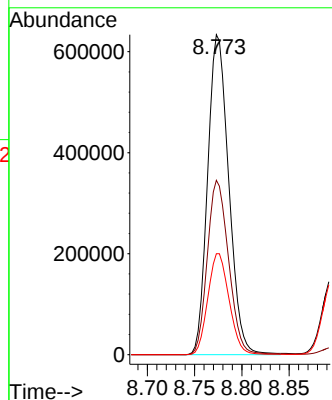
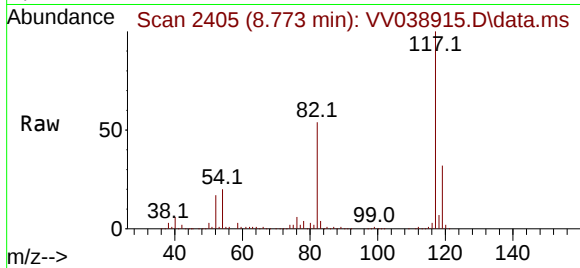




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

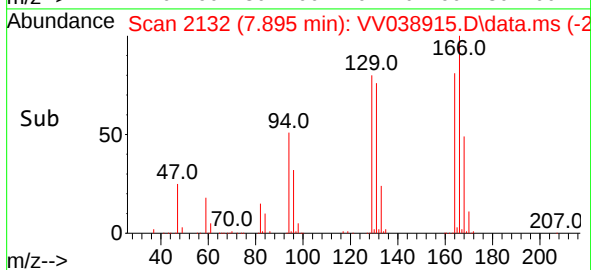
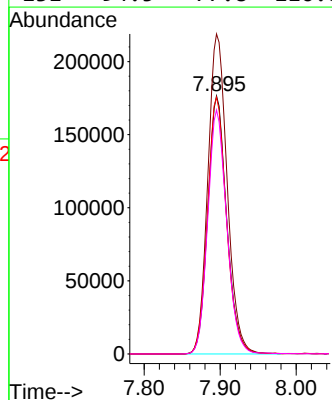
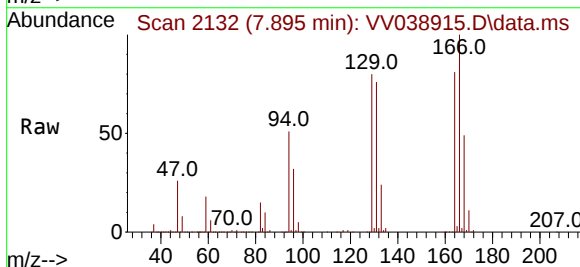
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

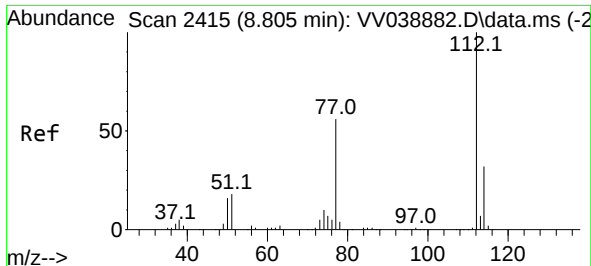
Tgt Ion:117 Resp: 984180
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 47.376 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion:164 Resp: 305793
Ion Ratio Lower Upper
164 100
166 124.0 103.2 154.8
129 99.5 81.0 121.4
131 94.5 77.8 116.8

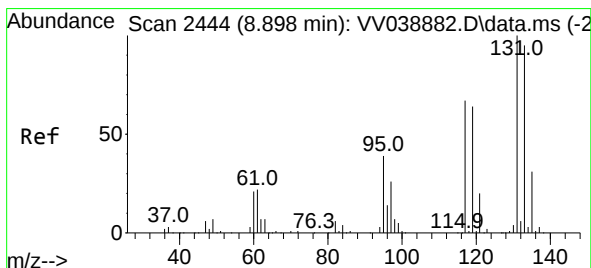
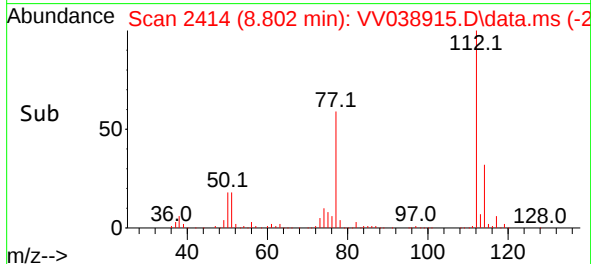
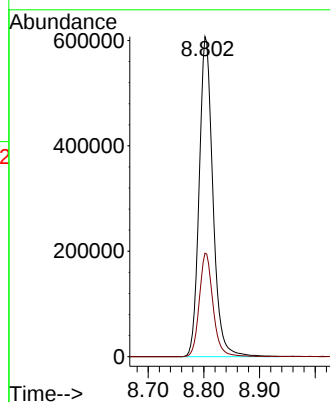
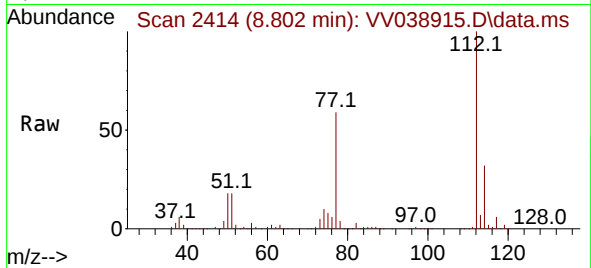




#65
Chlorobenzene
Concen: 48.378 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

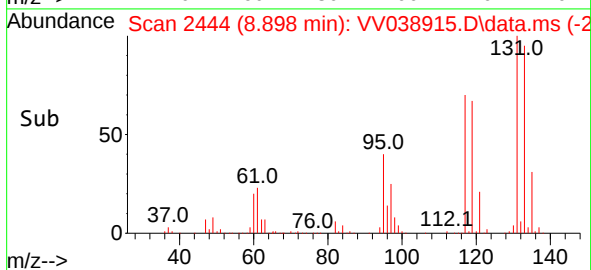
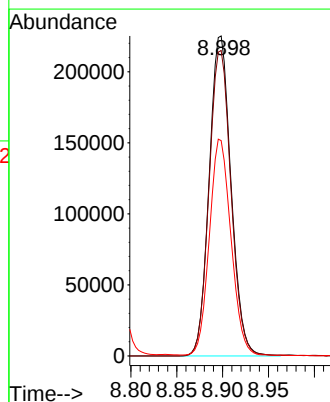
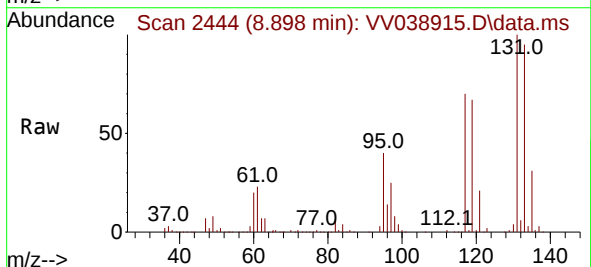
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

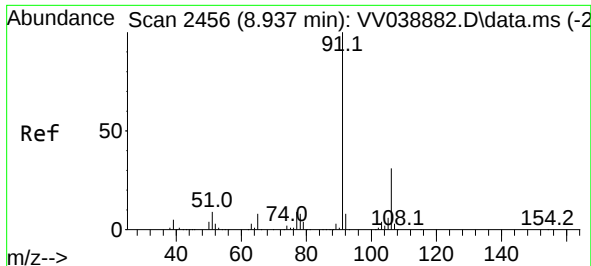
Tgt Ion:112 Resp: 1040342
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 43.592 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion:131 Resp: 373842
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 66.7 32.0 96.2





#67

Ethyl Benzene

Concen: 55.746 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

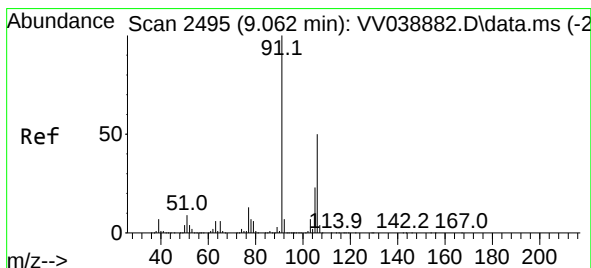
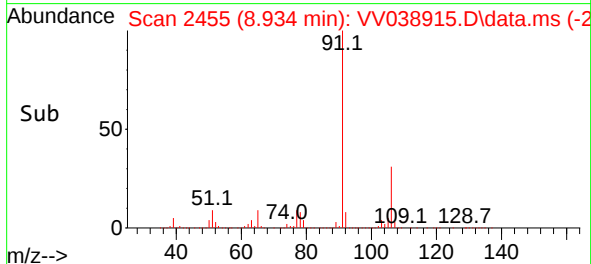
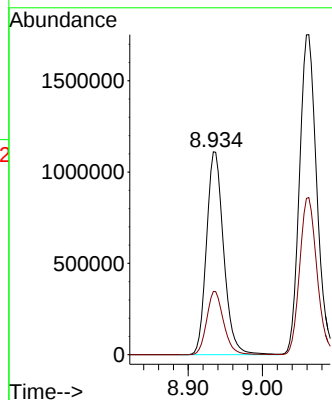
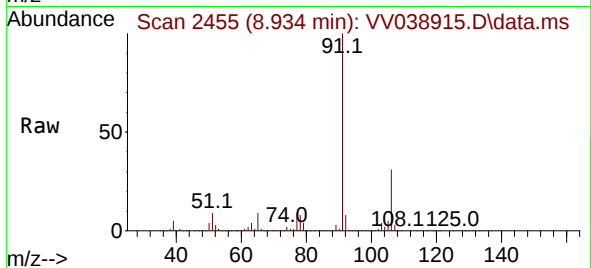
VSTDCCC050

Tgt Ion: 91 Resp: 1780062

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 112.450 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038915.D

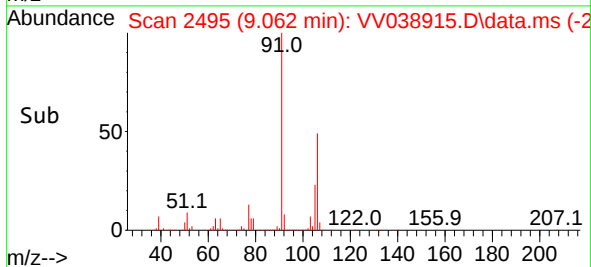
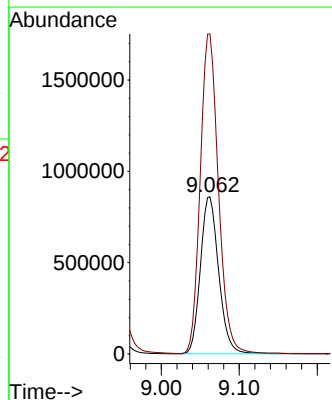
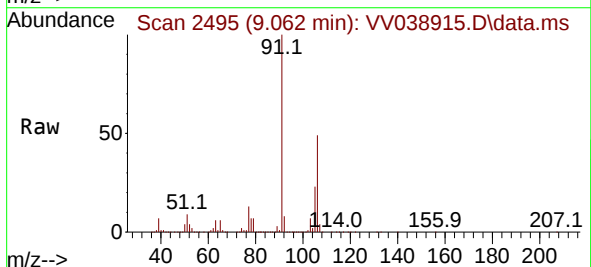
Acq: 18 Jul 2025 11:58

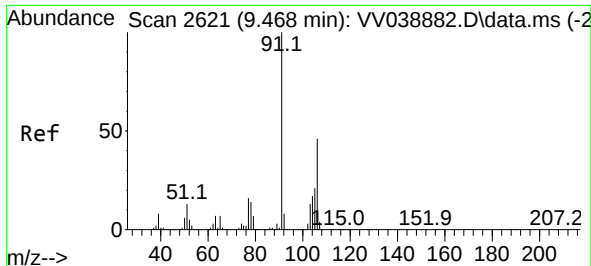
Tgt Ion:106 Resp: 1397979

Ion Ratio Lower Upper

106 100

91 202.8 161.0 241.6

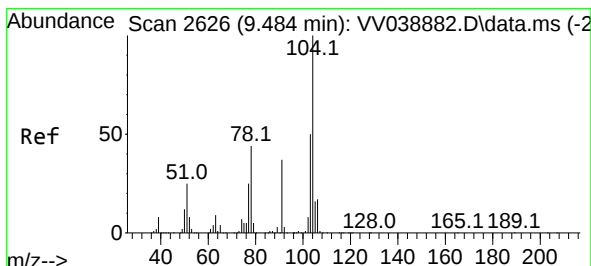
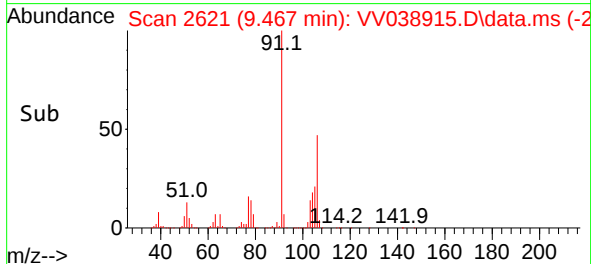
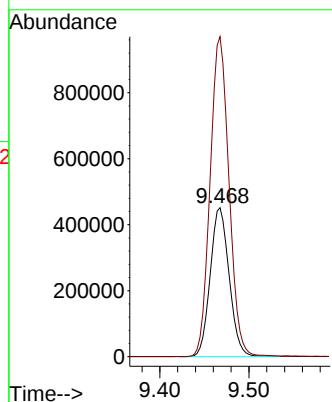
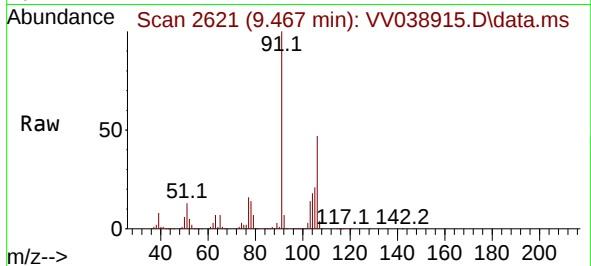




#69
o-Xylene
Concen: 56.703 ug/l
RT: 9.467 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

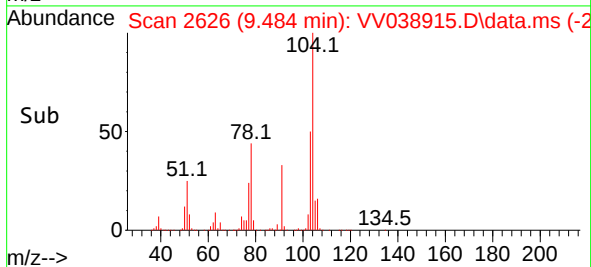
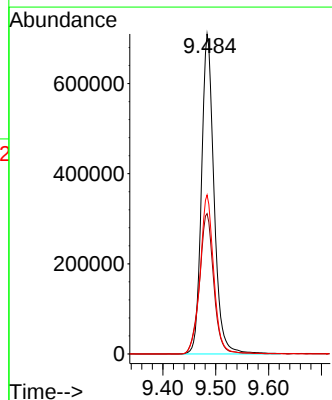
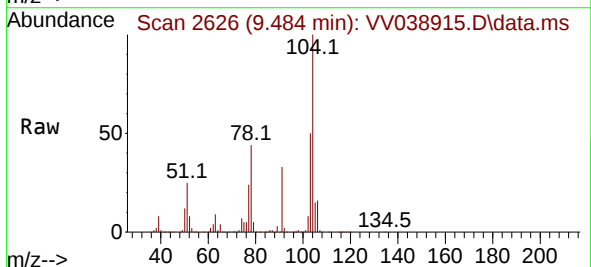
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

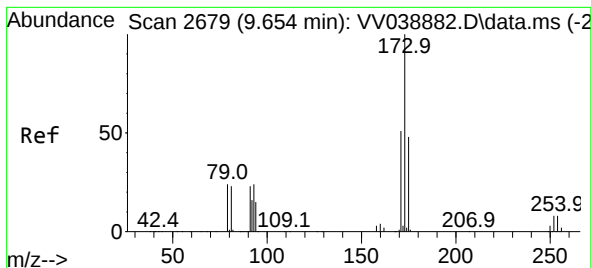
Tgt Ion:106 Resp: 665352
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.6



#70
Styrene
Concen: 56.643 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion:104 Resp: 1174696
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 53.7 43.4 65.2





#71

Bromoform

Concen: 45.650 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

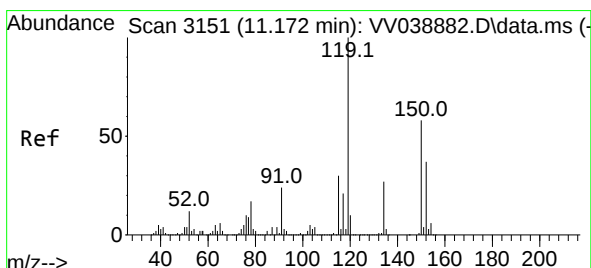
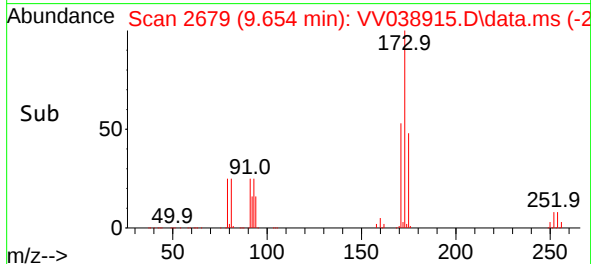
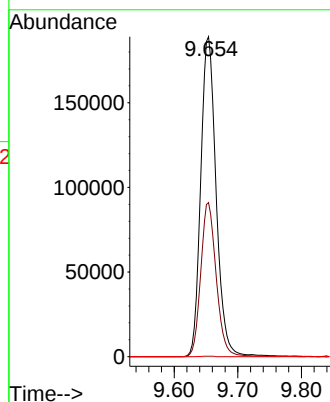
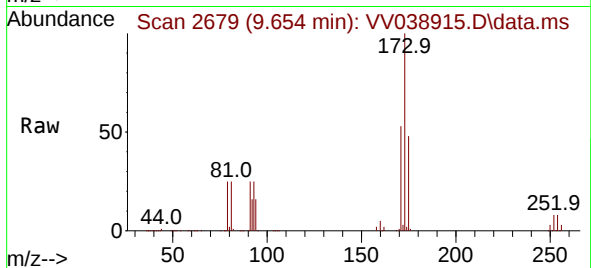
Tgt Ion:173 Resp: 318218

Ion Ratio Lower Upper

173 100

175 48.2 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: VV038915.D

Acq: 18 Jul 2025 11:58

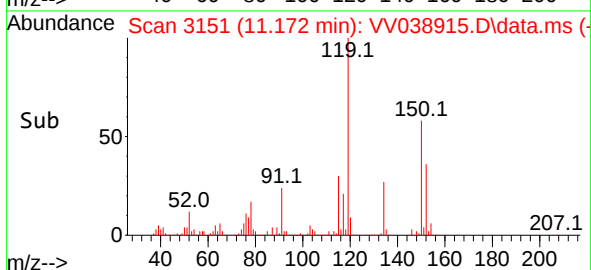
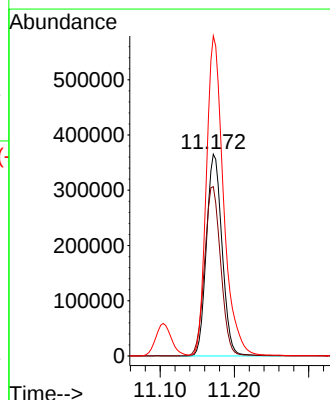
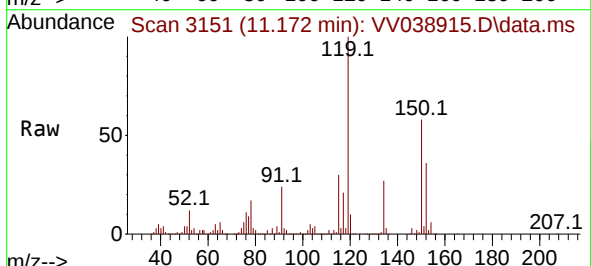
Tgt Ion:152 Resp: 532516

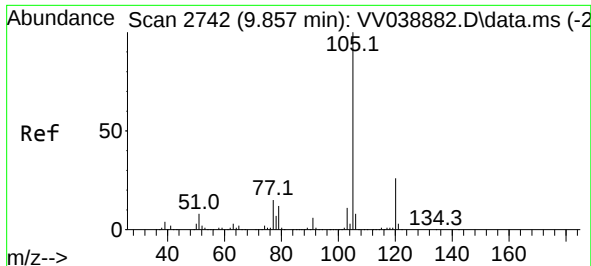
Ion Ratio Lower Upper

152 100

115 86.7 41.8 125.4

150 174.4 0.0 342.4

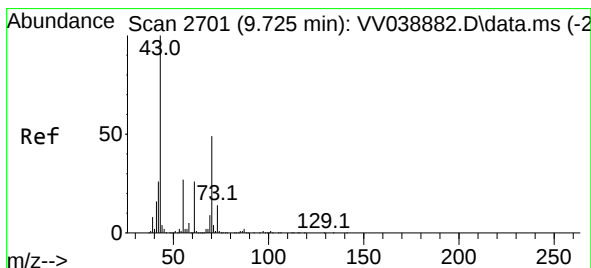
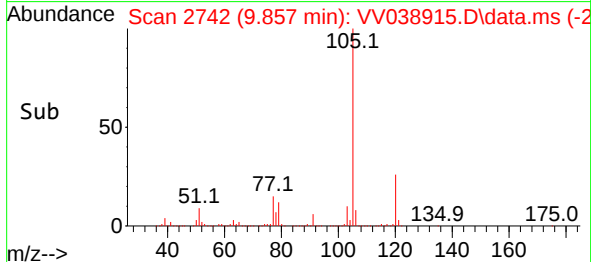
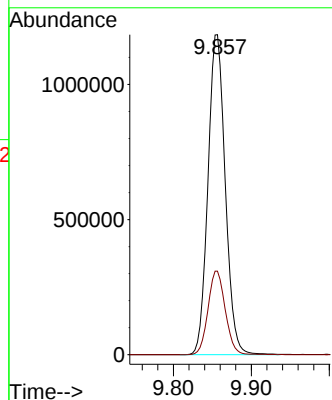
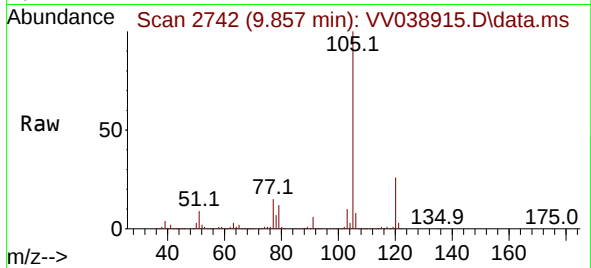




#73
Isopropylbenzene
Concen: 57.253 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

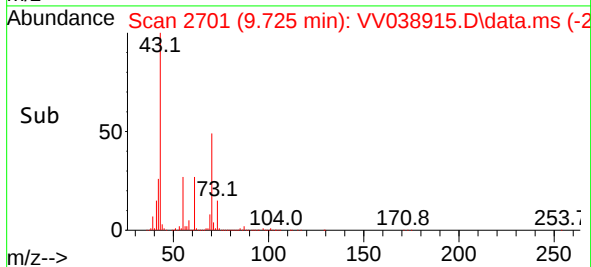
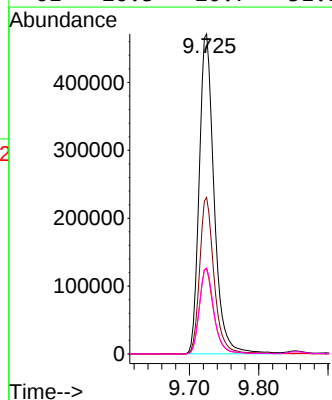
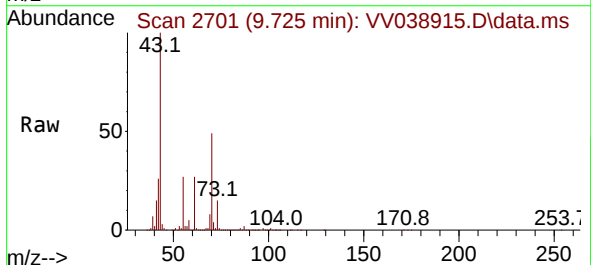
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

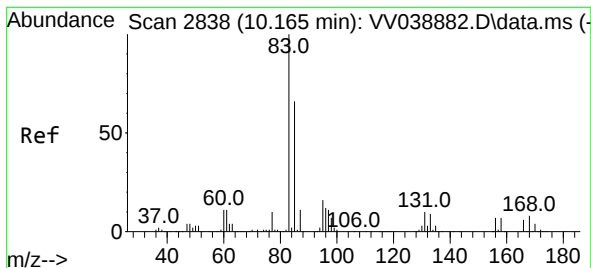
Tgt Ion:105 Resp: 1821707
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 60.575 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 43 Resp: 706040
Ion Ratio Lower Upper
43 100
70 47.6 38.6 58.0
55 26.0 21.8 32.8
61 26.3 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 45.755 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

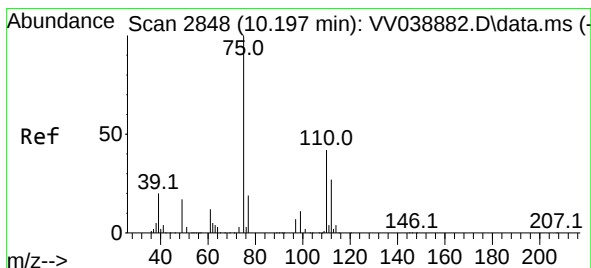
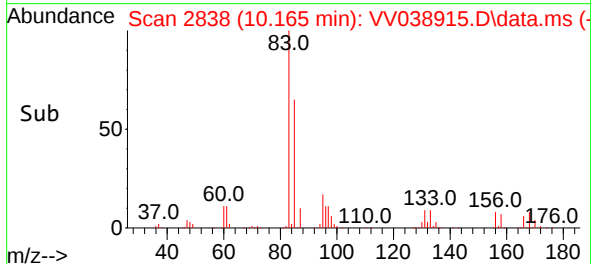
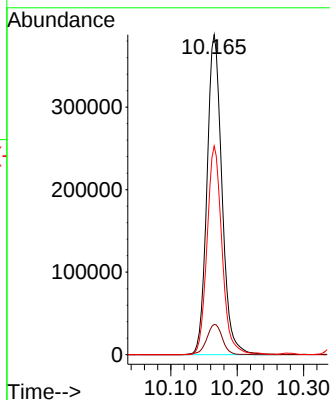
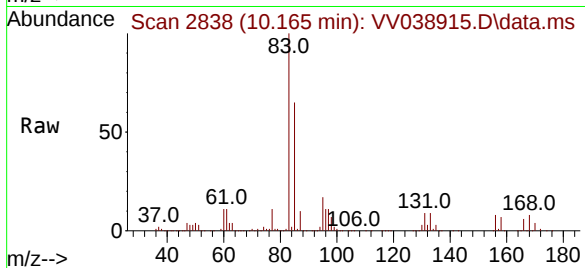
Tgt Ion: 83 Resp: 609798

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

85 64.7 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 47.797 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038915.D

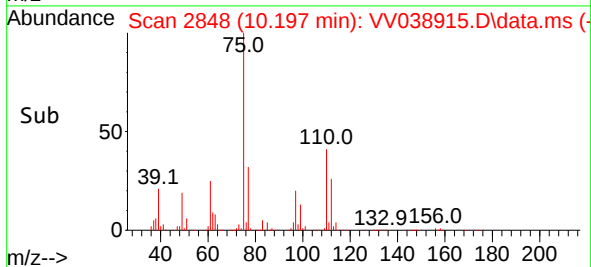
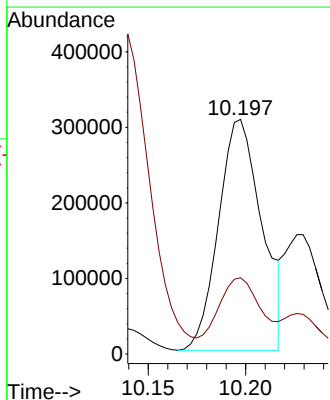
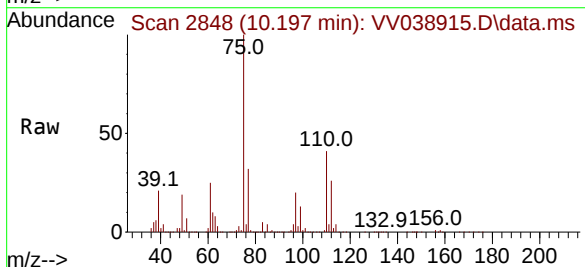
Acq: 18 Jul 2025 11:58

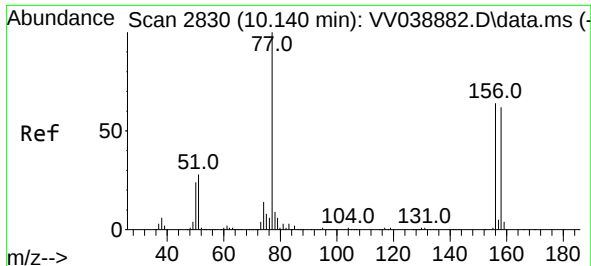
Tgt Ion: 75 Resp: 473227

Ion Ratio Lower Upper

75 100

77 23.2 17.4 52.3

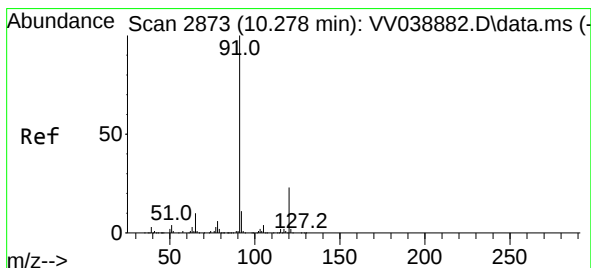
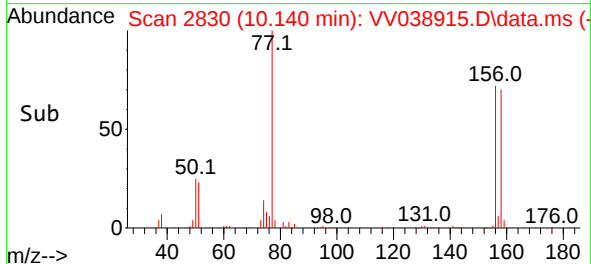
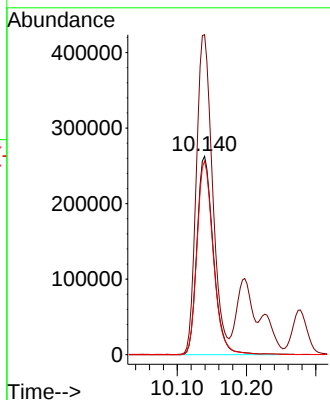
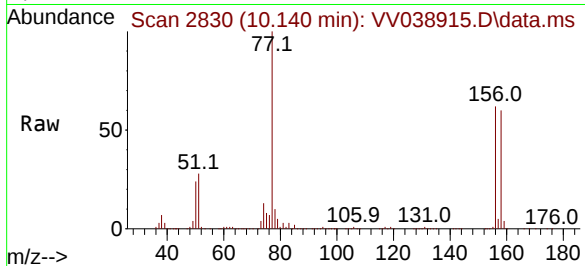




#77
Bromobenzene
Concen: 51.806 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

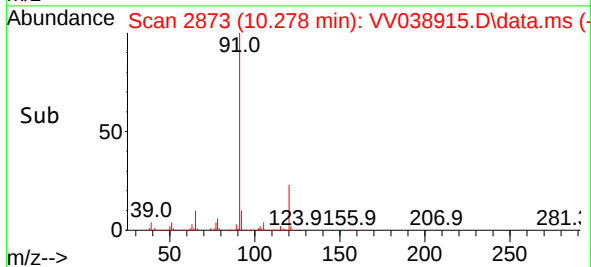
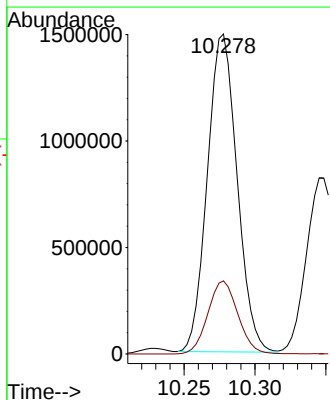
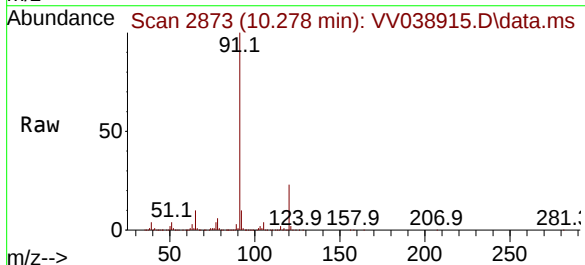
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

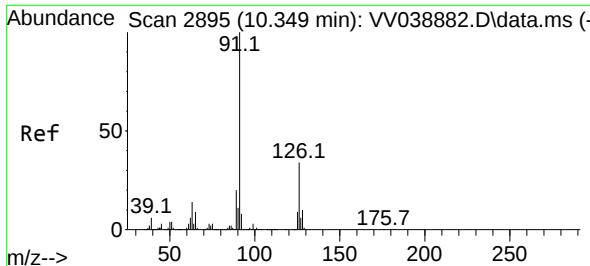
Tgt Ion:156 Resp: 432404
Ion Ratio Lower Upper
156 100
77 159.0 77.2 231.6
158 96.9 48.4 145.3



#78
n-propylbenzene
Concen: 58.587 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 91 Resp: 2178716
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

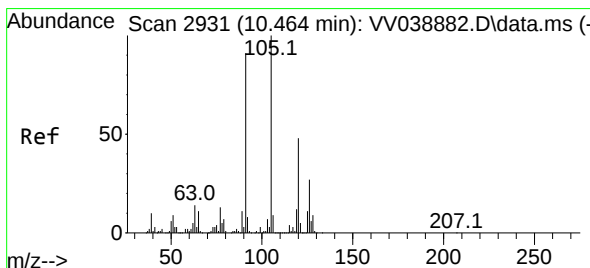
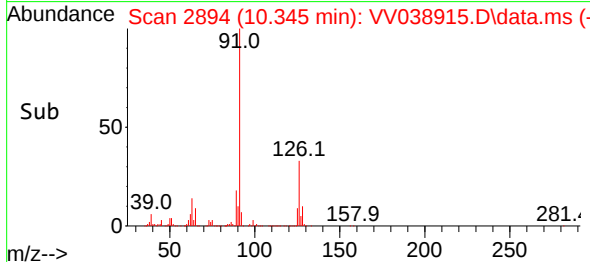
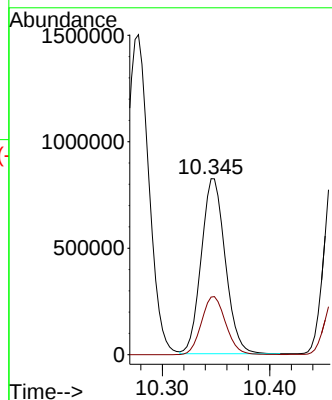
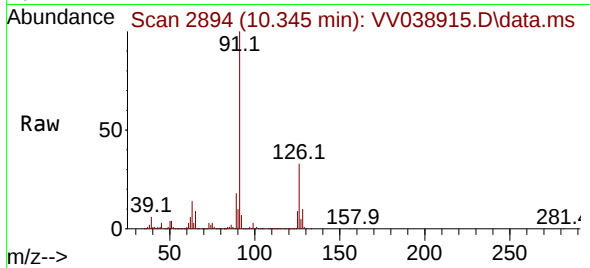




#79
2-Chlorotoluene
Concen: 53.961 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

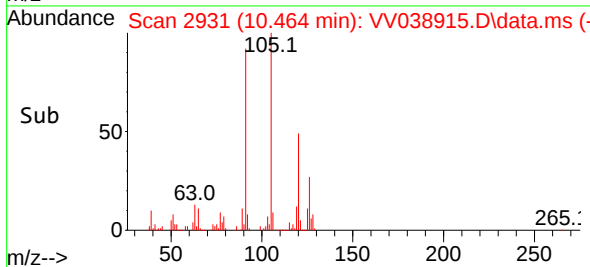
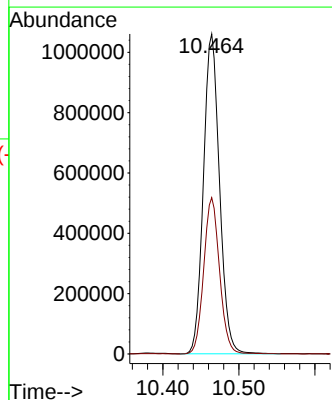
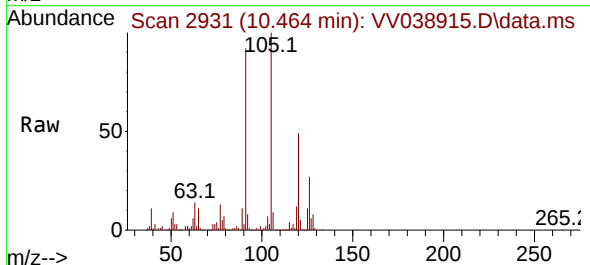
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

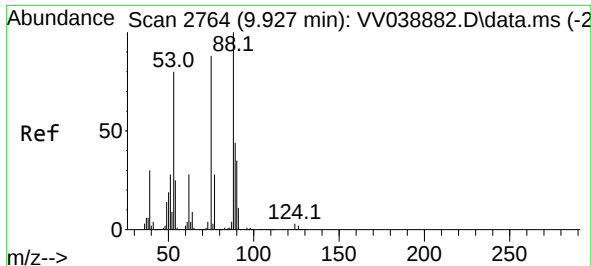
Tgt Ion: 91 Resp: 1276176
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 58.065 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 105 Resp: 1558042
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0

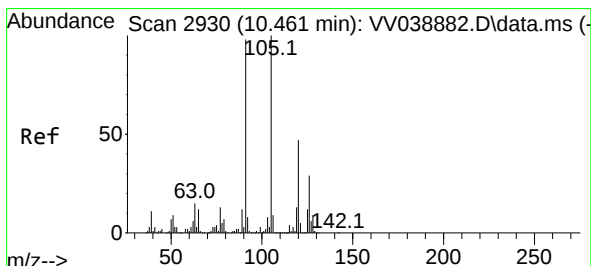
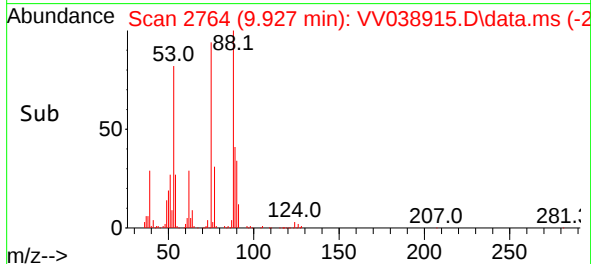
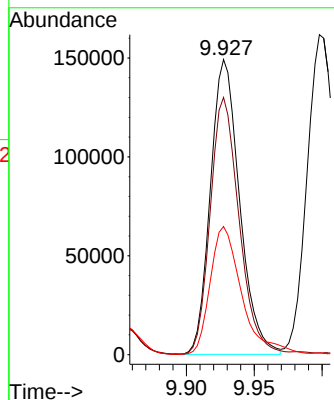
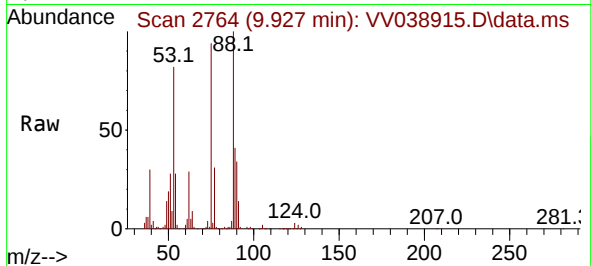




#81
trans-1,4-Dichloro-2-butene
Concen: 55.045 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

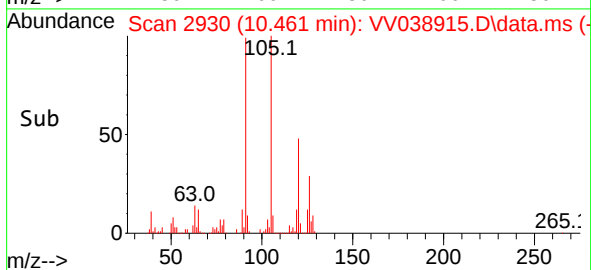
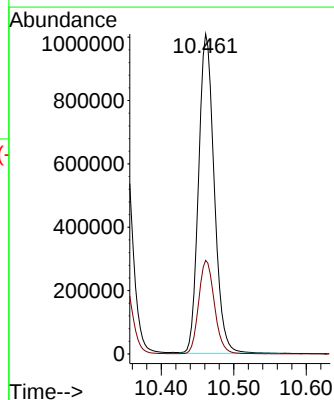
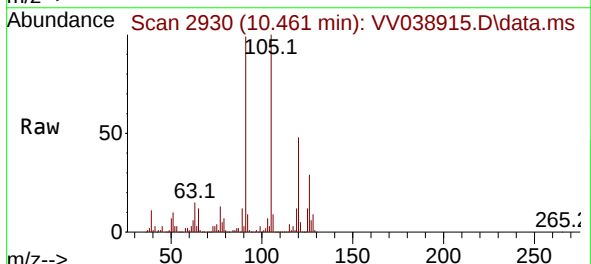
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

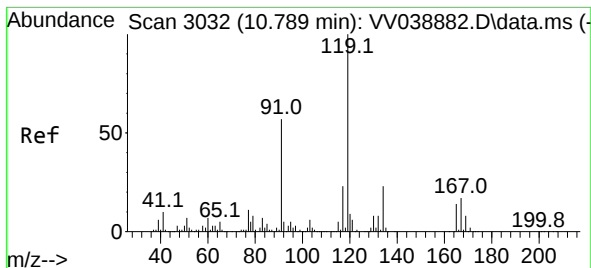
Tgt Ion: 75 Resp: 223327
Ion Ratio Lower Upper
75 100
53 85.5 71.3 106.9
89 47.0 42.2 63.2



#82
4-Chlorotoluene
Concen: 57.047 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 91 Resp: 1508137
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.9





#83

tert-Butylbenzene

Concen: 55.682 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

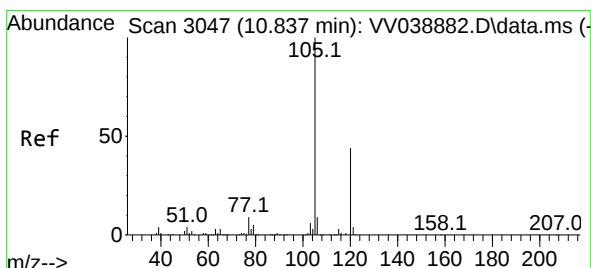
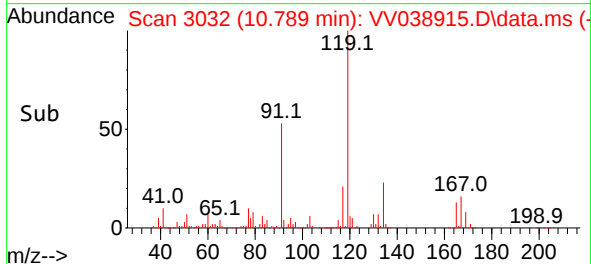
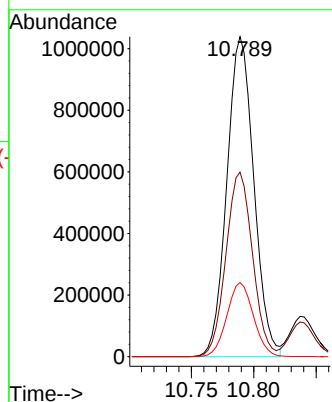
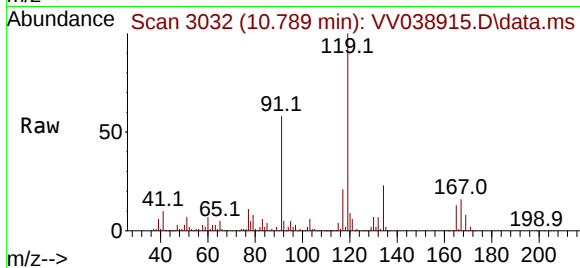
Tgt Ion:119 Resp: 1566460

Ion Ratio Lower Upper

119 100

91 56.8 28.1 84.2

134 22.8 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 58.757 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV038915.D

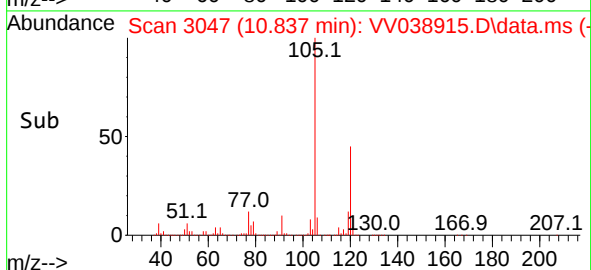
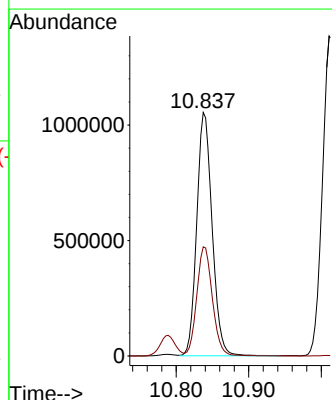
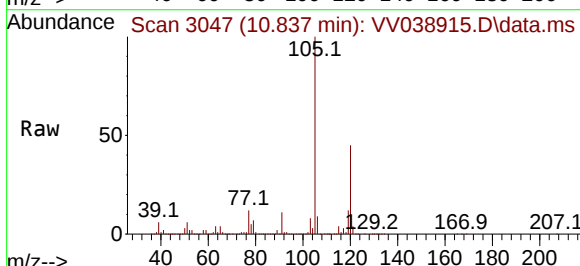
Acq: 18 Jul 2025 11:58

Tgt Ion:105 Resp: 1551326

Ion Ratio Lower Upper

105 100

120 45.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 56.993 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

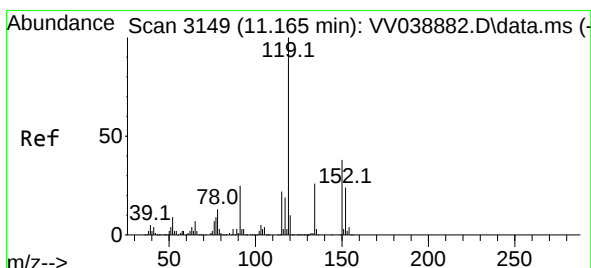
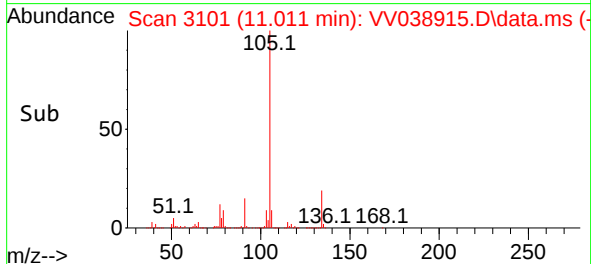
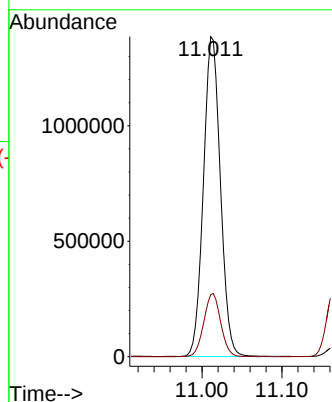
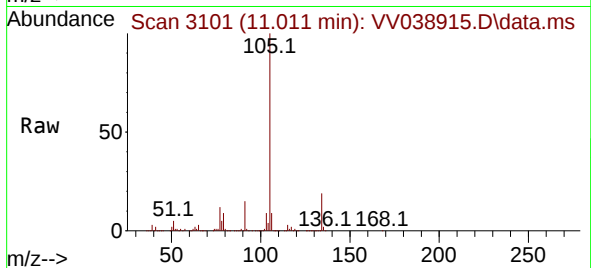
VSTDCCC050

Tgt Ion:105 Resp: 2046359

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 56.521 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

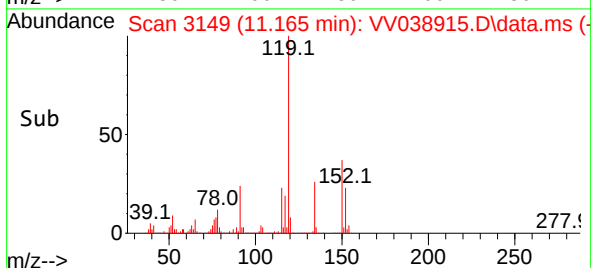
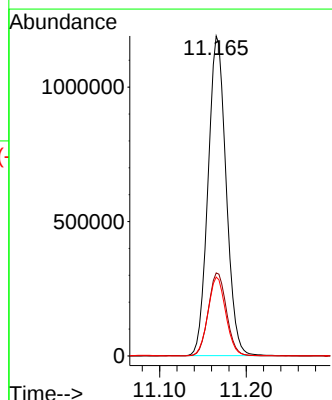
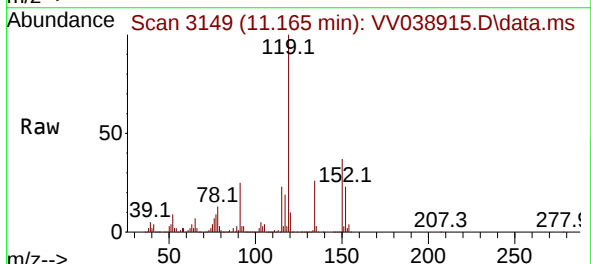
Tgt Ion:119 Resp: 1723002

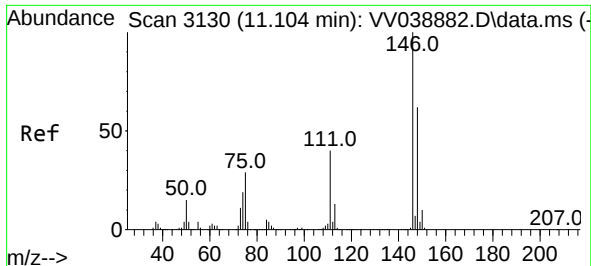
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.4 12.3 36.8

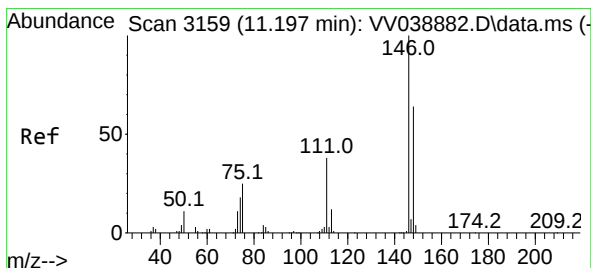
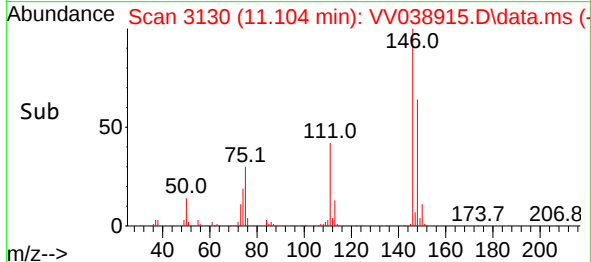
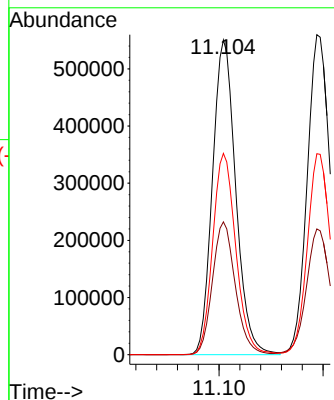
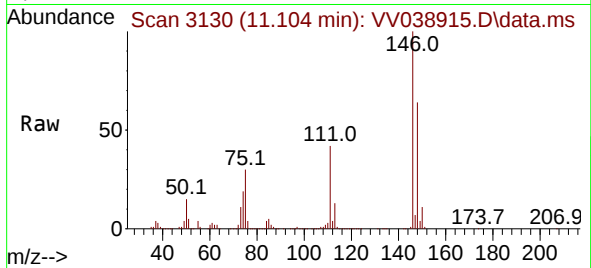




#87
1,3-Dichlorobenzene
Concen: 50.292 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

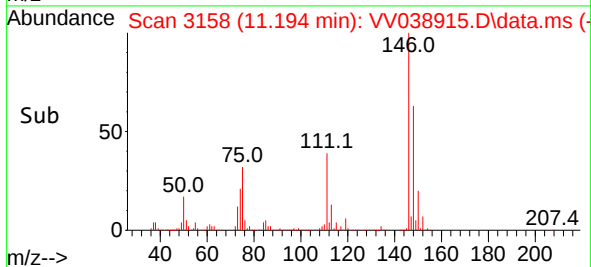
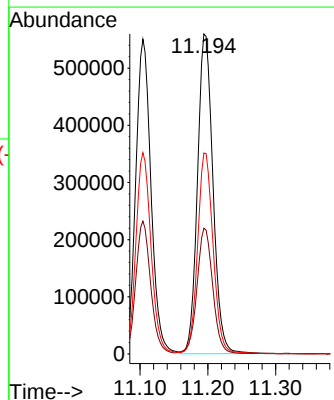
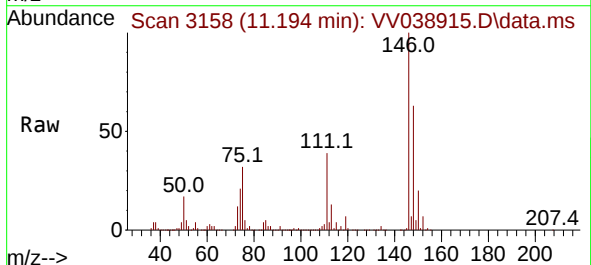
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

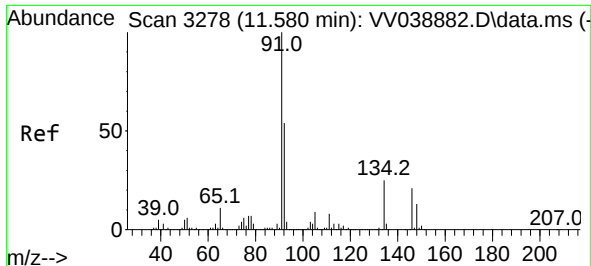
Tgt Ion:146 Resp: 856812
Ion Ratio Lower Upper
146 100
111 41.4 20.2 60.5
148 63.5 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 47.893 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion:146 Resp: 887583
Ion Ratio Lower Upper
146 100
111 39.9 19.8 59.3
148 62.7 32.1 96.5

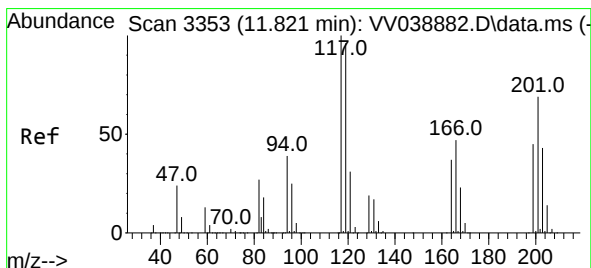
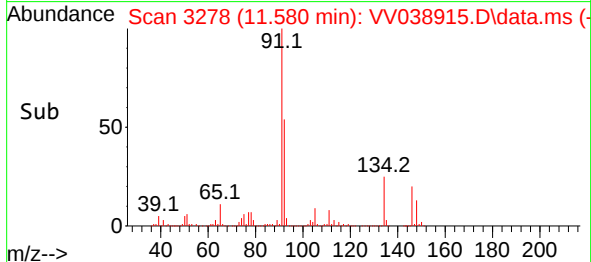
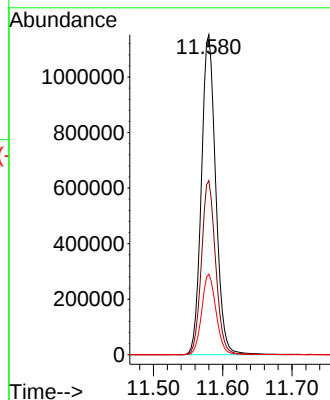
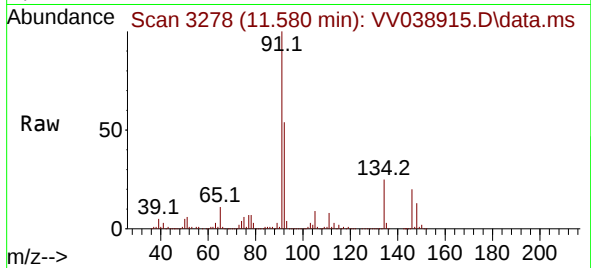




#89
n-Butylbenzene
Concen: 59.580 ug/l
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

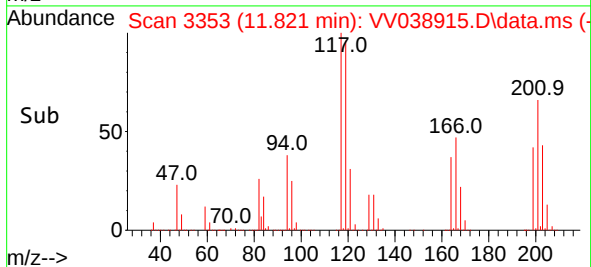
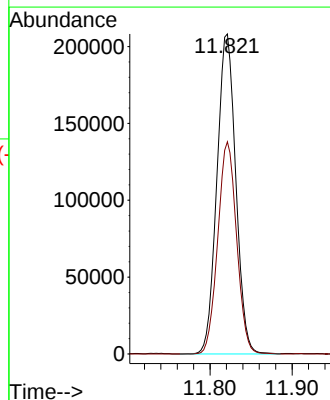
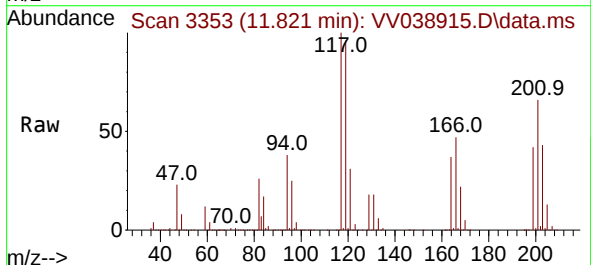
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

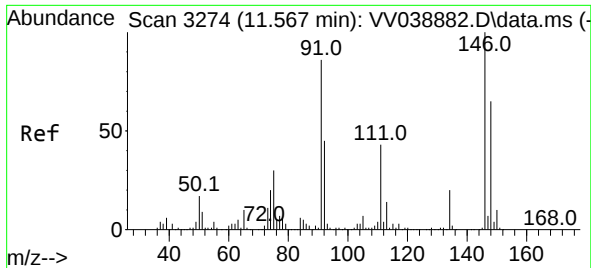
Tgt Ion: 91 Resp: 1658054
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 25.2 12.7 38.1



#90
Hexachloroethane
Concen: 46.015 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 117 Resp: 333637
Ion Ratio Lower Upper
117 100
201 66.1 34.0 102.0

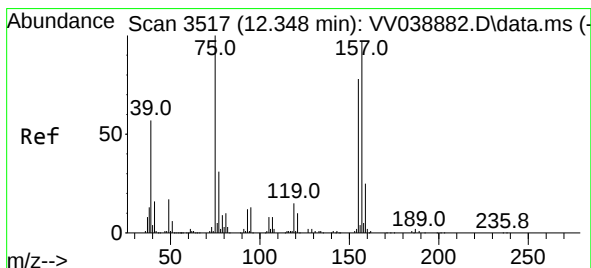
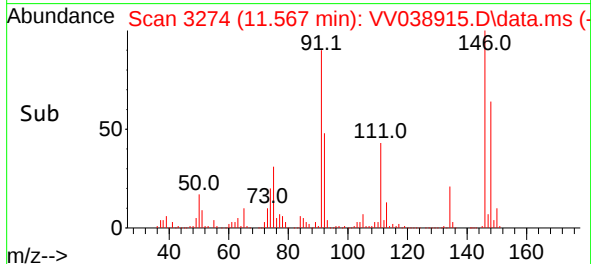
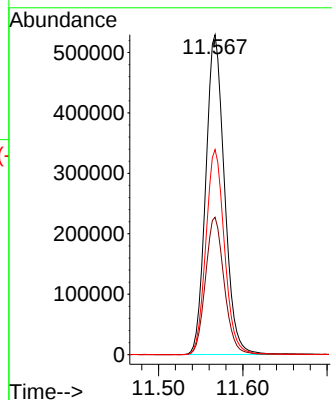
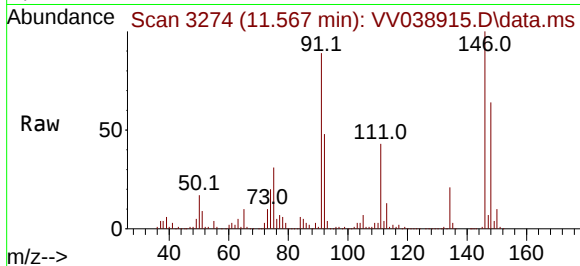




#91
1,2-Dichlorobenzene
Concen: 49.453 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

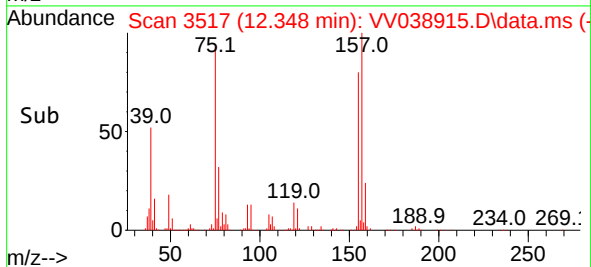
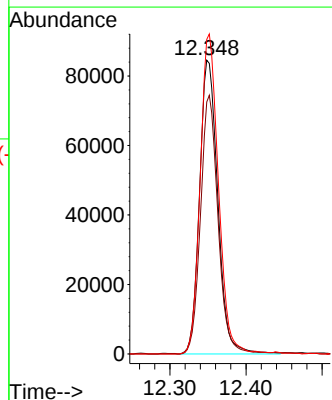
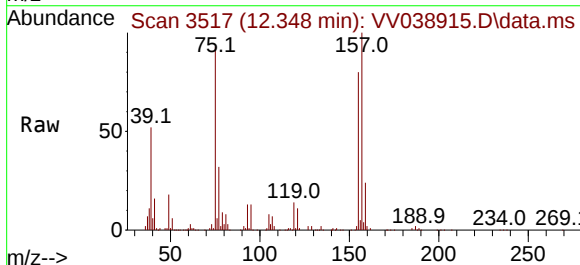
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

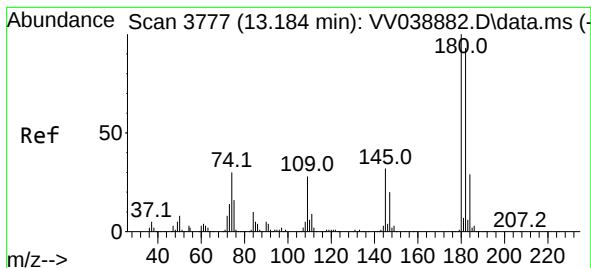
Tgt Ion:146 Resp: 817878
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.757 ug/l
RT: 12.348 min Scan# 3517
Delta R.T. -0.000 min
Lab File: VV038915.D
Acq: 18 Jul 2025 11:58

Tgt Ion: 75 Resp: 140887
Ion Ratio Lower Upper
75 100
155 84.2 40.2 120.6
157 109.0 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 56.816 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

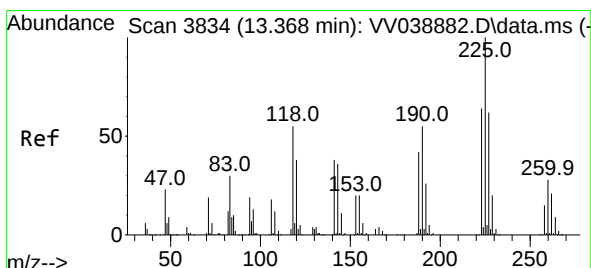
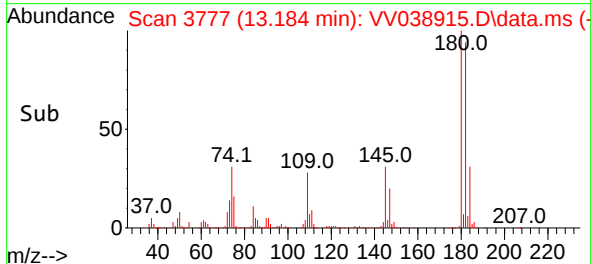
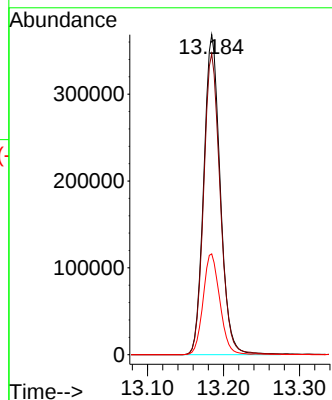
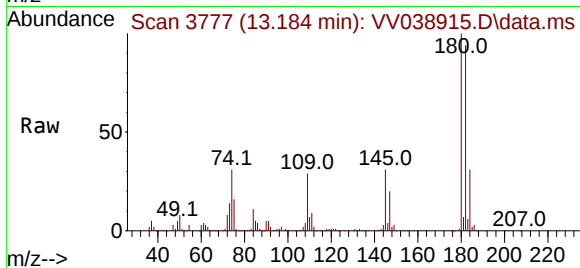
Tgt Ion:180 Resp: 554662

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 31.9 16.2 48.6



#94

Hexachlorobutadiene

Concen: 48.833 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

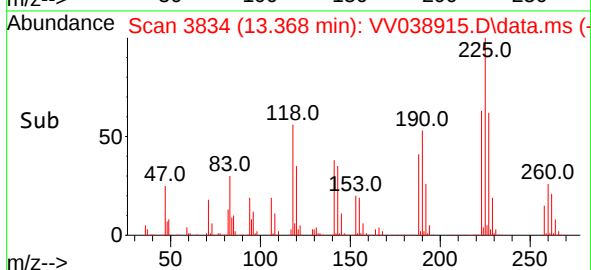
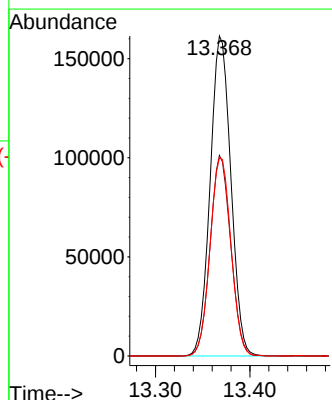
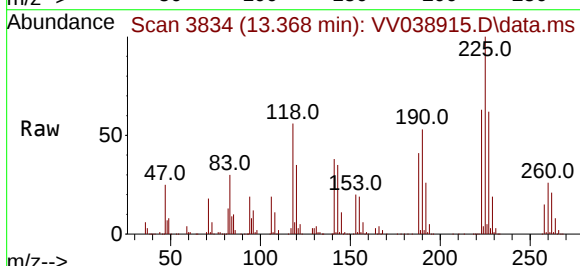
Tgt Ion:225 Resp: 245506

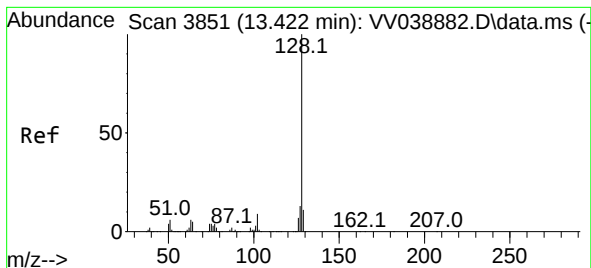
Ion Ratio Lower Upper

225 100

223 62.2 32.4 97.2

227 62.5 31.3 93.9





#95

Naphthalene

Concen: 60.399 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

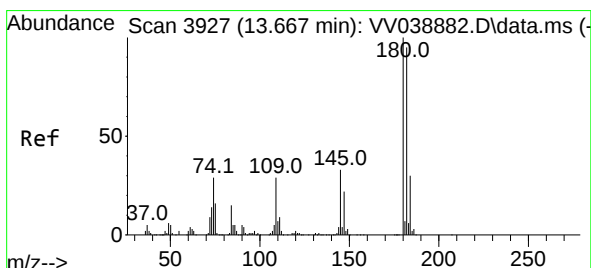
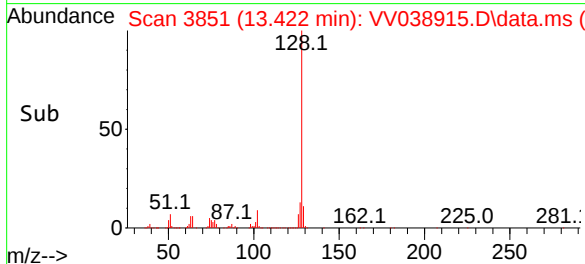
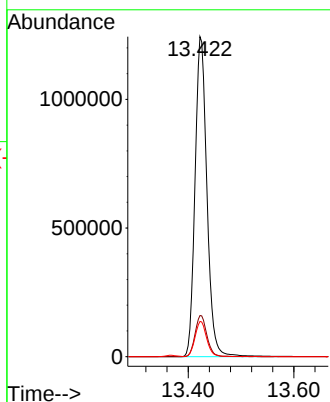
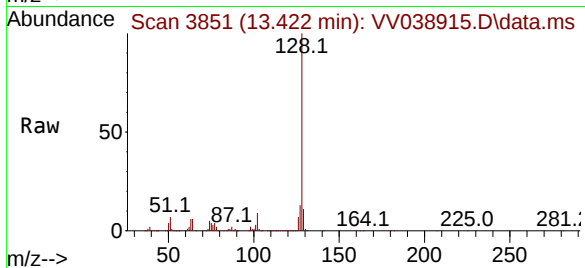
Tgt Ion:128 Resp: 1937306

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.963 ug/l

RT: 13.663 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV038915.D

Acq: 18 Jul 2025 11:58

Tgt Ion:180 Resp: 556168

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 34.6 17.0 51.0

