

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038918.D
 Acq On : 18 Jul 2025 13:44
 Operator : SY/MD
 Sample : VV0718WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBS01

Quant Time: Jul 19 00:41:43 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	4.593	168	585844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	971878	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	919875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	512293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	354969	49.590	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.180%
35) Dibromofluoromethane	4.497	113	333516	50.332	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.660%
50) Toluene-d8	7.233	98	939924	46.927	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	9.998	95	441665	54.739	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	109.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	103477	20.102	ug/l	98
3) Chloromethane	1.230	50	101331	18.229	ug/l	99
4) Vinyl Chloride	1.294	62	122180	19.204	ug/l	96
5) Bromomethane	1.494	94	91244	21.117	ug/l	93
6) Chloroethane	1.558	64	80752	18.990	ug/l	99
7) Trichlorofluoromethane	1.722	101	203038	18.037	ug/l	98
8) Diethyl Ether	1.918	74	75393	18.624	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	124636	18.517	ug/l	98
10) Methyl Iodide	2.195	142	136801	17.703	ug/l	99
11) Tert butyl alcohol	2.564	59	141770	86.028	ug/l	98
12) 1,1-Dichloroethene	2.079	96	113108	18.442	ug/l	97
13) Acrolein	2.008	56	19428	81.522	ug/l	91
14) Allyl chloride	2.355	41	190251	19.471	ug/l	98
15) Acrylonitrile	2.671	53	384001	91.057	ug/l	98
16) Acetone	2.118	43	296980	95.880	ug/l	99
17) Carbon Disulfide	2.249	76	245737	23.845	ug/l	97
18) Methyl Acetate	2.378	43	219829	20.976	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	419281	18.233	ug/l	98
20) Methylene Chloride	2.452	84	142695	18.159	ug/l	98
21) trans-1,2-Dichloroethene	2.700	96	119830	18.363	ug/l	95
22) Diisopropyl ether	3.214	45	396034	20.285	ug/l	97
23) Vinyl Acetate	3.185	43	1527444	99.779	ug/l	98
24) 1,1-Dichloroethane	3.114	63	240374	18.800	ug/l	100
25) 2-Butanone	3.863	43	439970	99.102	ug/l	97
26) 2,2-Dichloropropane	3.809	77	199004	17.777	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	144095	19.230	ug/l	99
28) Bromochloromethane	4.143	49	105316	21.280	ug/l	96
29) Tetrahydrofuran	4.233	42	291560	99.644	ug/l	93
30) Chloroform	4.275	83	254927	18.085	ug/l	98
31) Cyclohexane	4.580	56	175488	20.911	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	219664	17.860	ug/l	99
36) 1,1-Dichloropropene	4.741	75	145872	19.155	ug/l	98
37) Ethyl Acetate	3.976	43	162884	18.167	ug/l	99
38) Carbon Tetrachloride	4.732	117	181250	17.918	ug/l	98
39) Methylcyclohexane	6.043	83	175013	19.477	ug/l	99
40) Benzene	5.008	78	494722	19.164	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	74234	18.040	ug/l	97
42) 1,2-Dichloroethane	5.037	62	178022	18.091	ug/l	99
43) Isopropyl Acetate	5.191	43	260319	18.358	ug/l	98
44) Trichloroethene	5.831	130	125083	18.542	ug/l	98
45) 1,2-Dichloropropane	6.088	63	126913	18.611	ug/l	98
46) Dibromomethane	6.223	93	95556	18.110	ug/l	98
47) Bromodichloromethane	6.426	83	199854	17.848	ug/l	100
48) Methyl methacrylate	6.297	41	114177	18.553	ug/l	99
49) 1,4-Dioxane	6.288	88	46018	347.062	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	910261	94.274	ug/l	98
52) Toluene	7.307	92	317356	19.514	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	187840	18.539	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	202487	18.487	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	138774	17.853	ug/l	97
56) Ethyl methacrylate	7.715	69	179792	19.464	ug/l	100
57) 1,3-Dichloropropane	7.934	76	213853	18.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	527489	83.989	ug/l	98
59) 2-Hexanone	8.063	43	658037	91.551	ug/l	99
60) Dibromochloromethane	8.169	129	156613	17.109	ug/l	99
61) 1,2-Dibromoethane	8.275	107	139832	17.856	ug/l	99
64) Tetrachloroethene	7.895	164	112635	18.670	ug/l	96
65) Chlorobenzene	8.805	112	367970	18.307	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	134204	16.743	ug/l	96
67) Ethyl Benzene	8.937	91	582224	19.508	ug/l	99
68) m/p-Xylenes	9.063	106	466704	40.165	ug/l	98
69) o-Xylene	9.468	106	213458	19.463	ug/l	97
70) Styrene	9.487	104	382538	19.735	ug/l	99
71) Bromoform	9.654	173	109123	16.749	ug/l #	99
73) Isopropylbenzene	9.857	105	603511	19.716	ug/l	100
74) N-amyl acetate	9.725	43	213636	19.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	223505	17.432	ug/l	97
76) 1,2,3-Trichloropropane	10.198	75	159239	16.718	ug/l	77
77) Bromobenzene	10.140	156	146917	18.297	ug/l	97
78) n-propylbenzene	10.278	91	723307	20.218	ug/l	100
79) 2-Chlorotoluene	10.349	91	437663	19.236	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	516700	20.017	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	69153	17.717	ug/l	96
82) 4-Chlorotoluene	10.464	91	506716	19.924	ug/l	100
83) tert-Butylbenzene	10.789	119	501604	18.534	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	510227	20.088	ug/l	99
85) sec-Butylbenzene	11.011	105	665506	19.267	ug/l	100
86) p-Isopropyltoluene	11.169	119	565803	19.293	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	297831	18.172	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	309287	17.348	ug/l	98
89) n-Butylbenzene	11.580	91	522727	19.525	ug/l	99
90) Hexachloroethane	11.821	117	115437	16.550	ug/l	95
91) 1,2-Dichlorobenzene	11.567	146	277761	17.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	44224	15.256	ug/l	92
93) 1,2,4-Trichlorobenzene	13.185	180	174571	18.588	ug/l	99
94) Hexachlorobutadiene	13.368	225	79488	16.435	ug/l	98
95) Naphthalene	13.426	128	563097	18.249	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	179727	18.463	ug/l	99

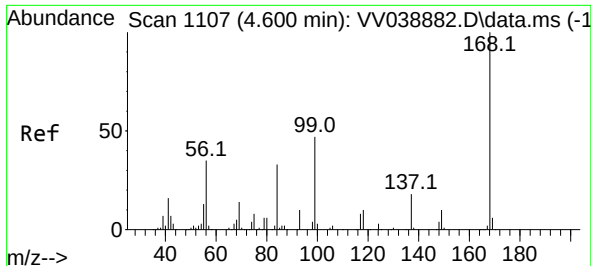
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Quant Title : SW846 8260
QLast Update : Mon Jul 14 09:44:44 2025
Response via : Initial Calibration

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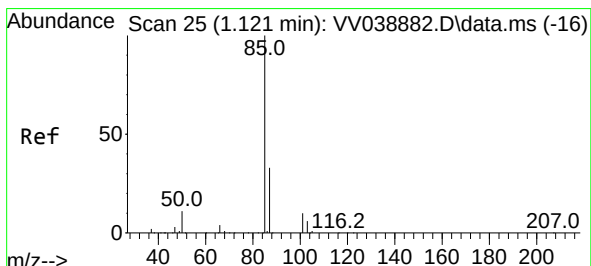
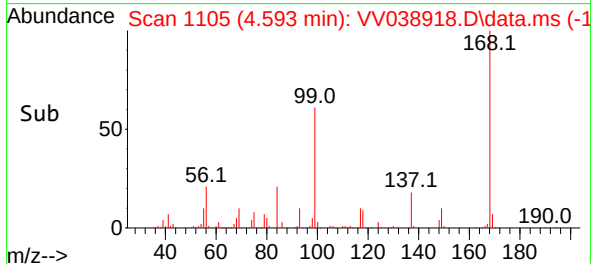
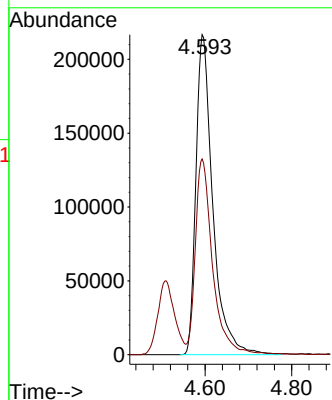
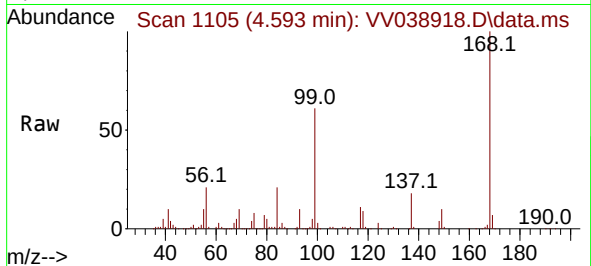
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

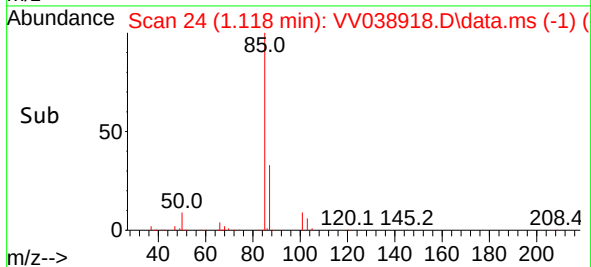
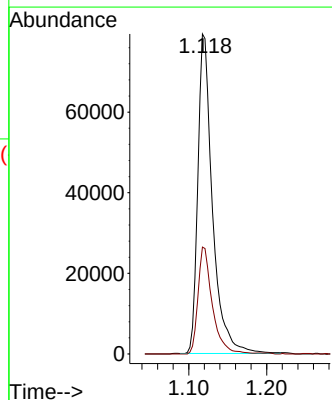
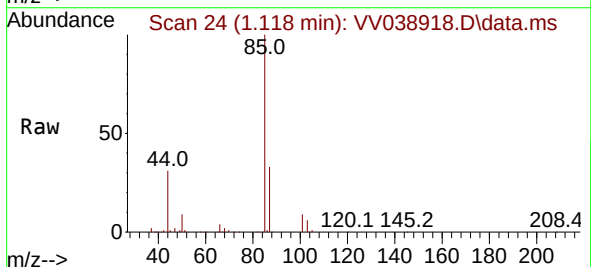
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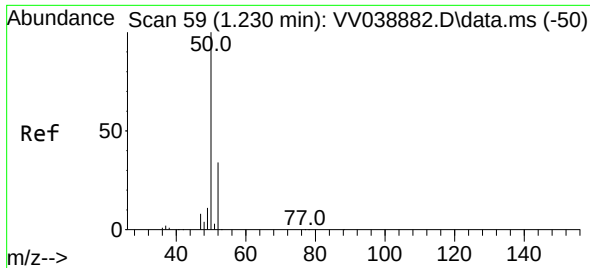
Tgt Ion:168 Resp: 585844
Ion Ratio Lower Upper
168 100
99 60.8 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 20.102 ug/l
RT: 1.118 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 85 Resp: 103477
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.8

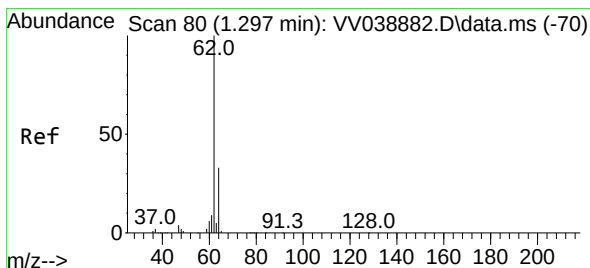
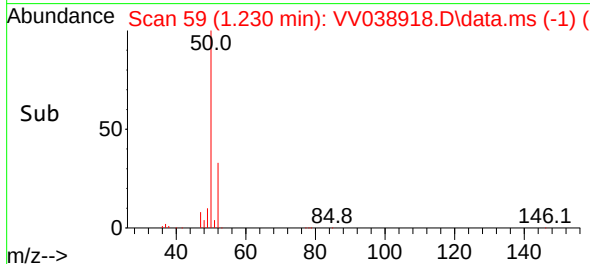
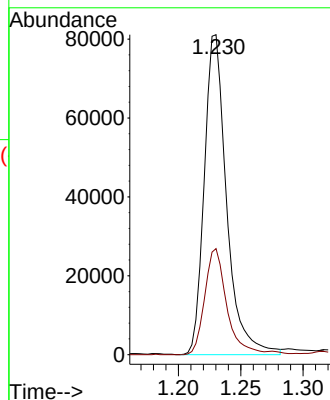
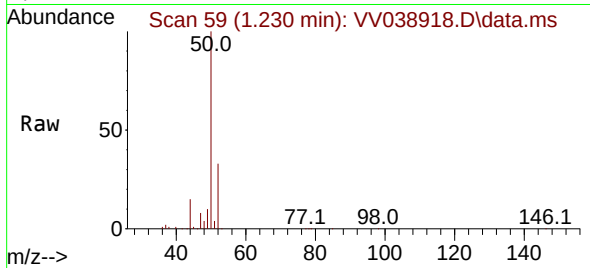




#3
Chloromethane
Concen: 18.229 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

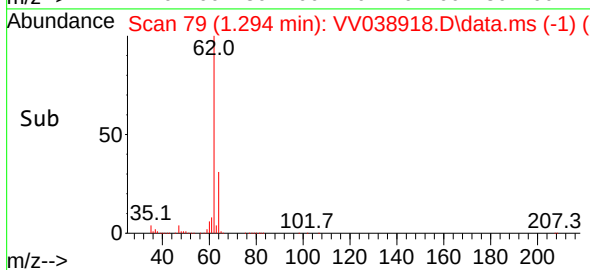
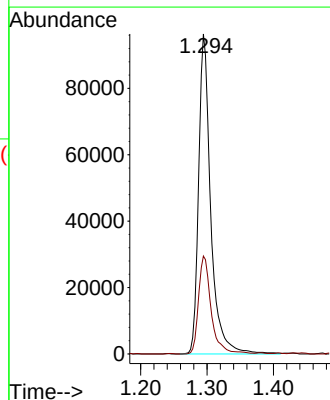
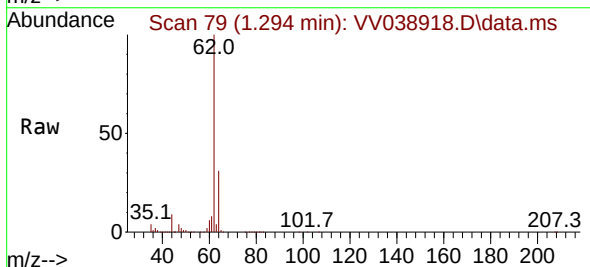
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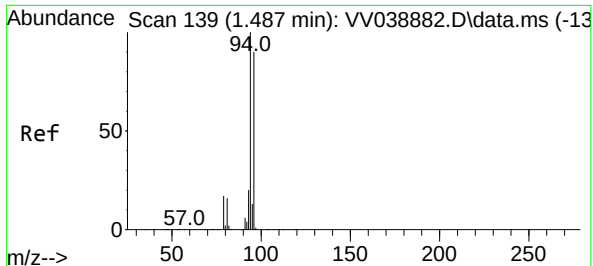
Tgt Ion: 50 Resp: 101331
Ion Ratio Lower Upper
50 100
52 33.2 26.9 40.3



#4
Vinyl Chloride
Concen: 19.204 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 62 Resp: 122180
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2

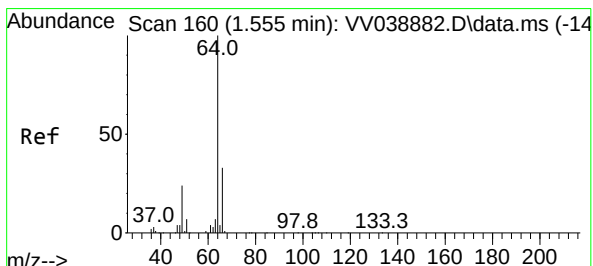
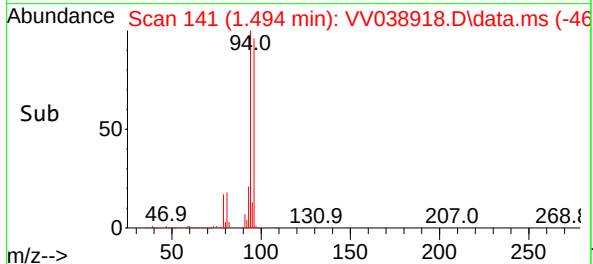
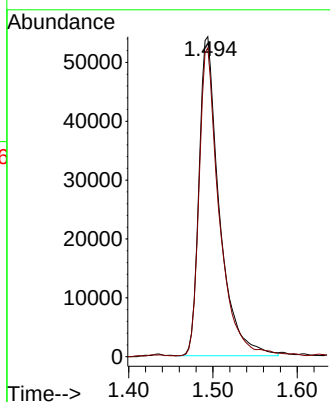
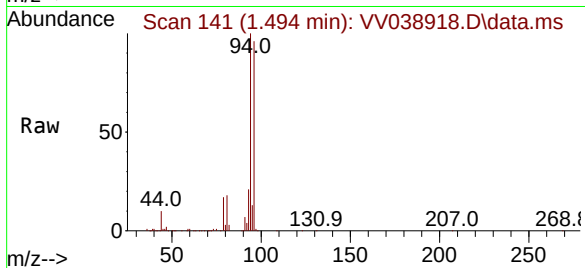




#5
Bromomethane
Concen: 21.117 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

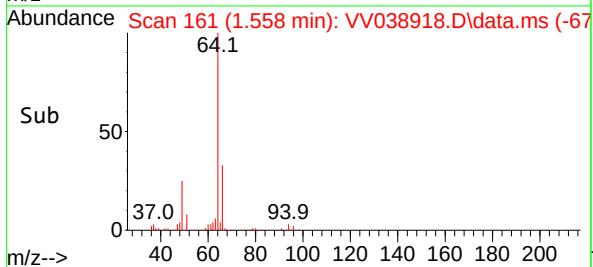
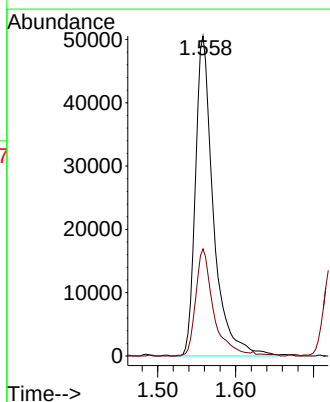
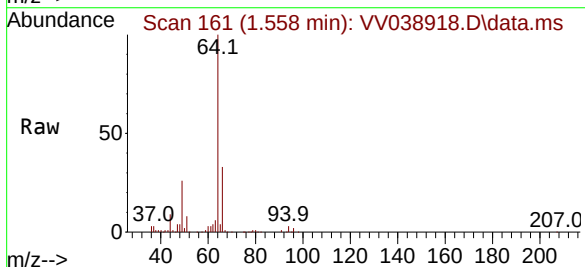
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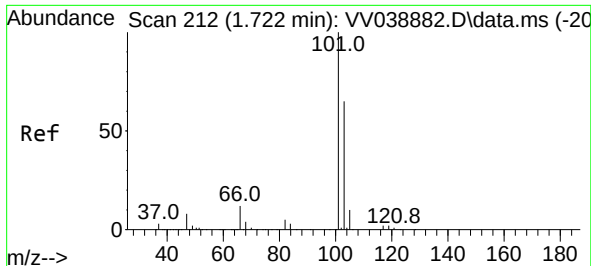
Tgt Ion: 94 Resp: 91244
Ion Ratio Lower Upper
94 100
96 96.5 71.9 107.9



#6
Chloroethane
Concen: 18.990 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 64 Resp: 80752
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.2

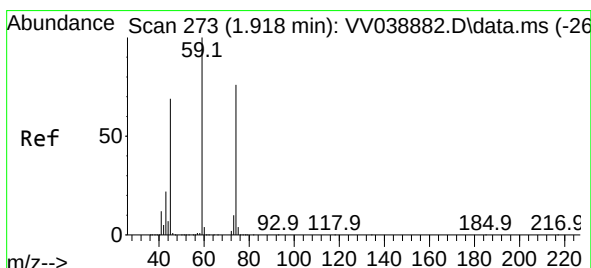
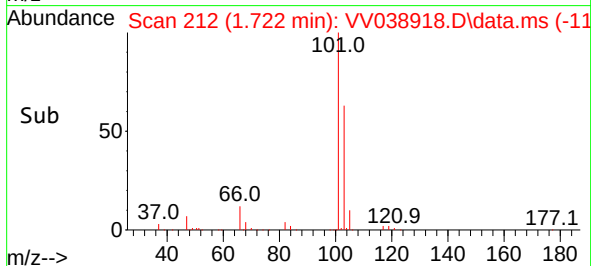
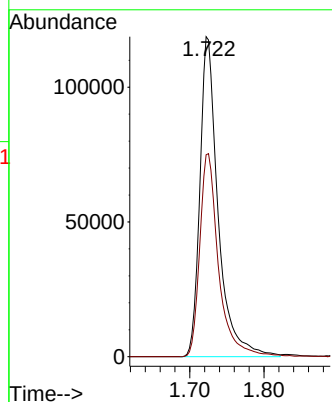
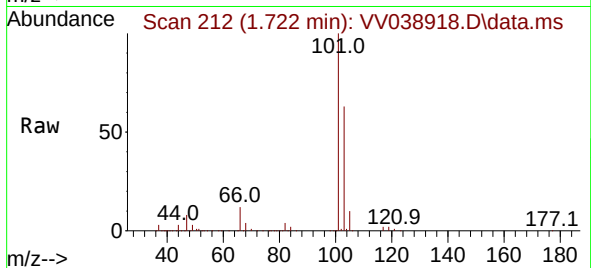




#7
 Trichlorofluoromethane
 Concen: 18.037 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

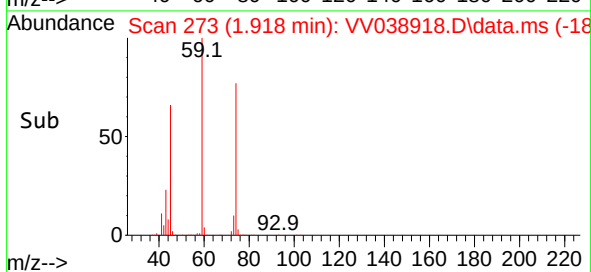
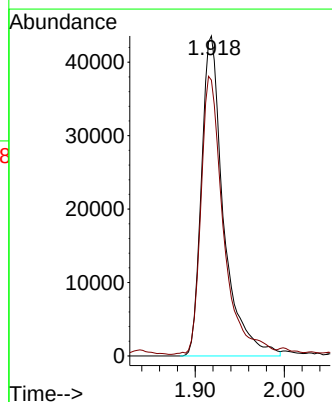
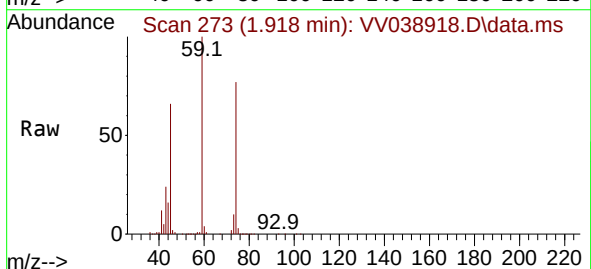
Instrument :
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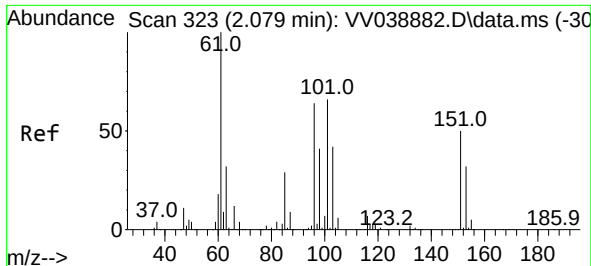
Tgt Ion:101 Resp: 203038
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.8 77.6



#8
 Diethyl Ether
 Concen: 18.624 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

Tgt Ion: 74 Resp: 75393
 Ion Ratio Lower Upper
 74 100
 45 88.1 45.5 136.5

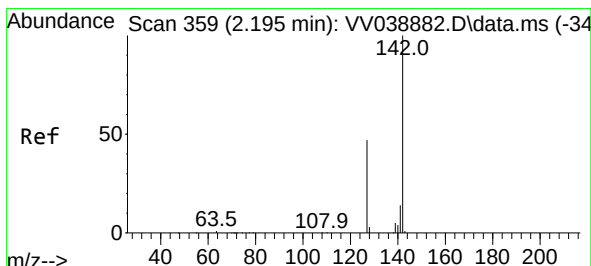
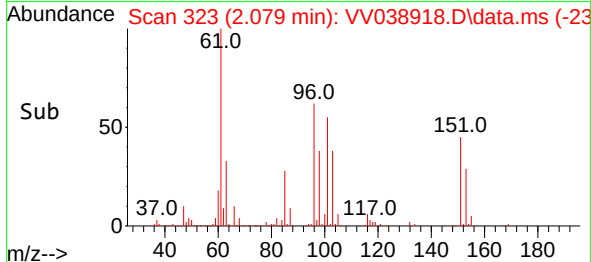
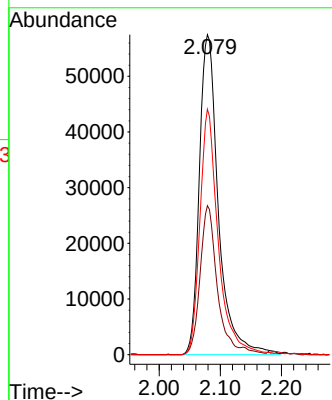
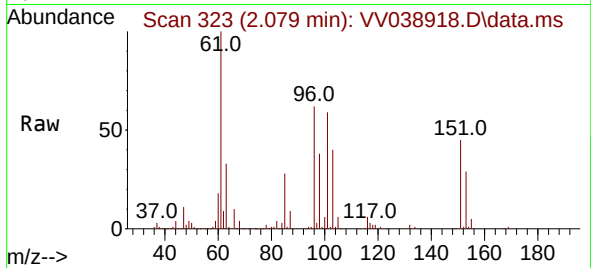




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.517 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038918.D
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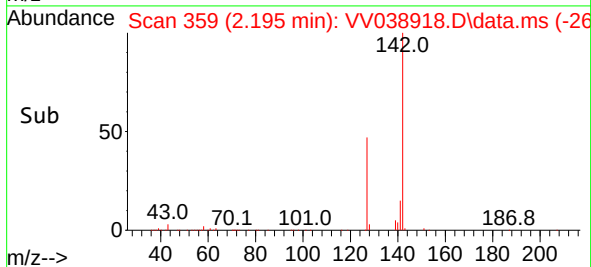
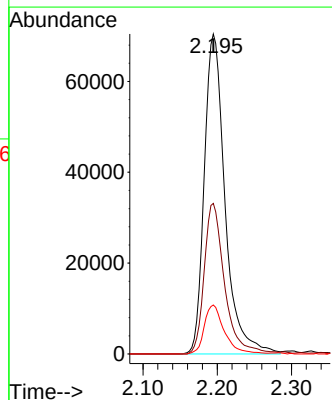
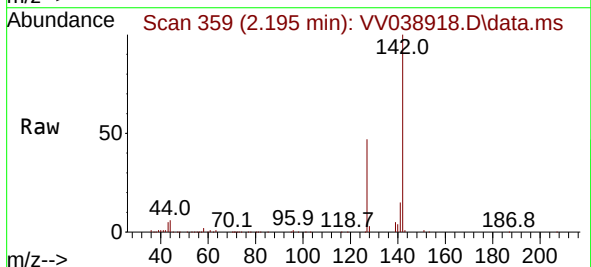
Instrument :
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ClientSampleId :
VV0718WBS01

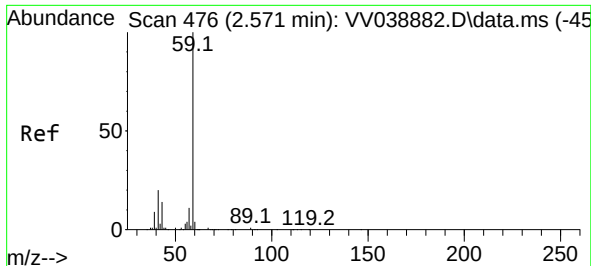
Tgt Ion:101 Resp: 124636
Ion Ratio Lower Upper
101 100
85 42.8 35.0 52.6
151 73.6 60.1 90.1



#10
Methyl Iodide
Concen: 17.703 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion:142 Resp: 136801
Ion Ratio Lower Upper
142 100
127 46.1 37.3 55.9
141 14.8 11.2 16.8

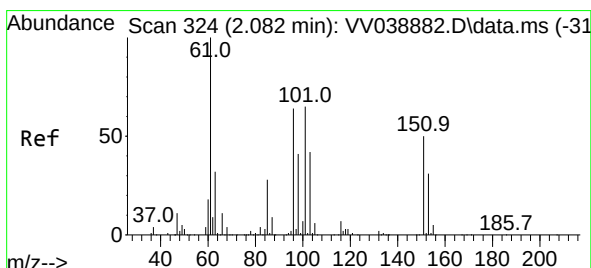
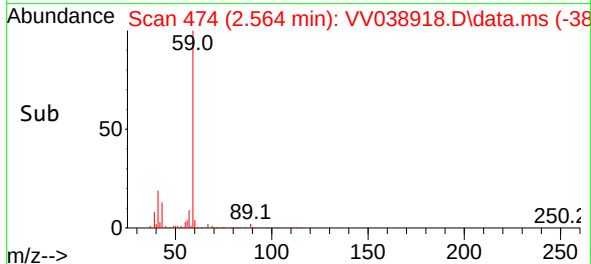
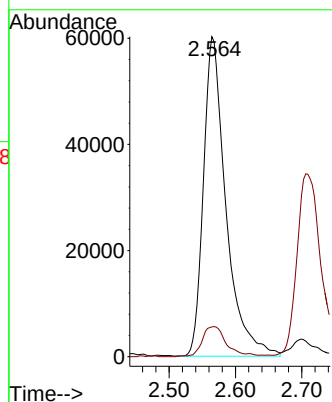
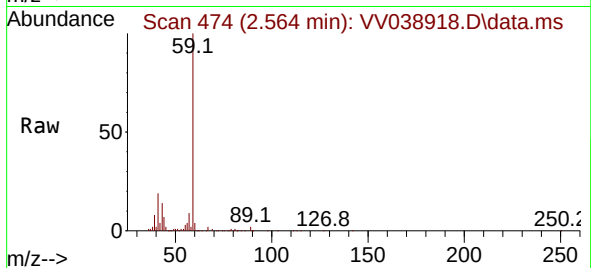




#11
Tert butyl alcohol
Concen: 86.028 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

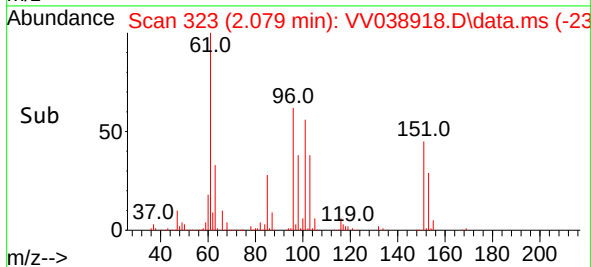
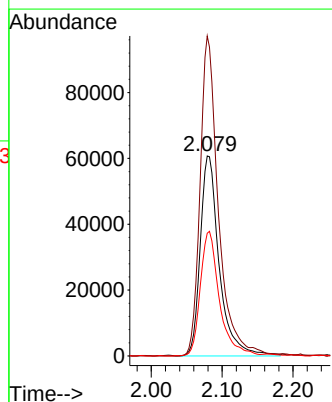
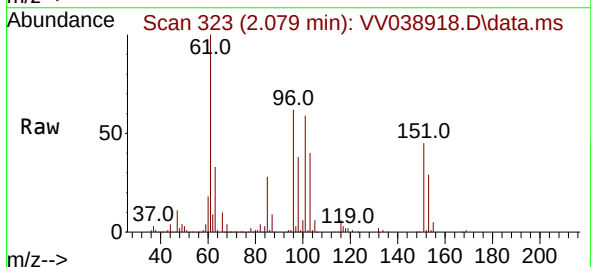
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

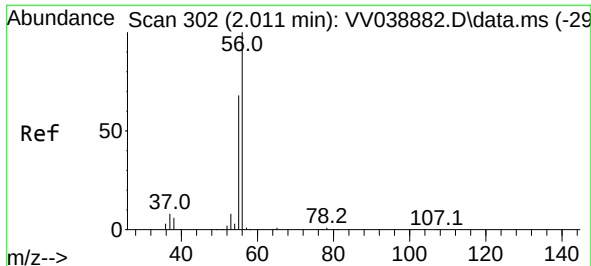
Tgt Ion: 59 Resp: 141770
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.442 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 96 Resp: 113108
Ion Ratio Lower Upper
96 100
61 159.8 124.1 186.1
98 61.4 50.6 75.8

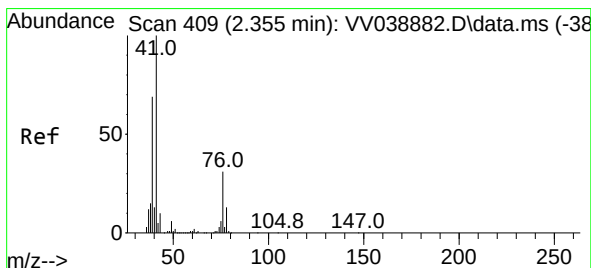
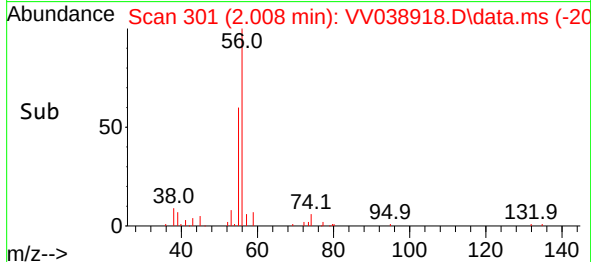
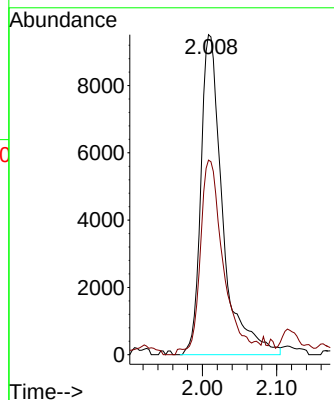
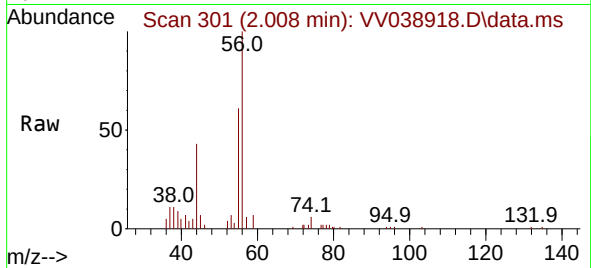




#13
Acrolein
Concen: 81.522 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

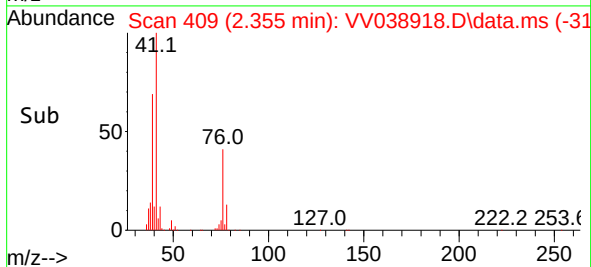
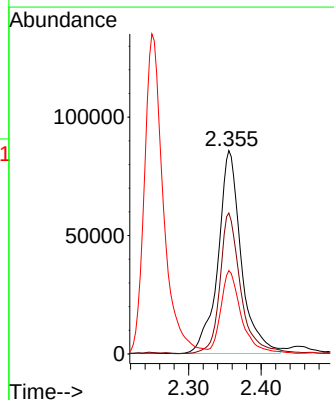
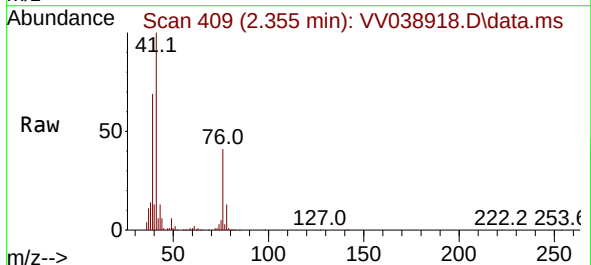
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

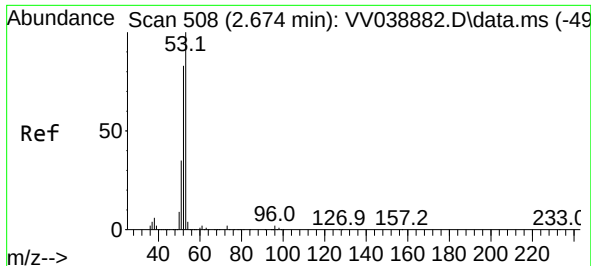
Tgt Ion: 56 Resp: 19428
Ion Ratio Lower Upper
56 100
55 63.4 56.7 85.1



#14
Allyl chloride
Concen: 19.471 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 41 Resp: 190251
Ion Ratio Lower Upper
41 100
39 62.6 50.6 76.0
76 36.0 30.4 45.6

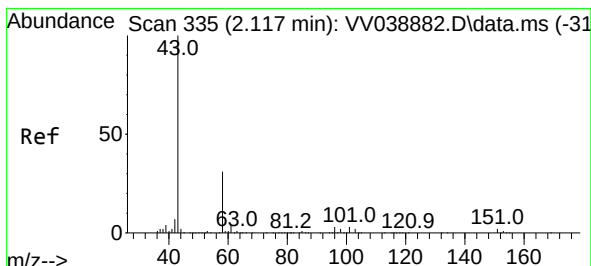
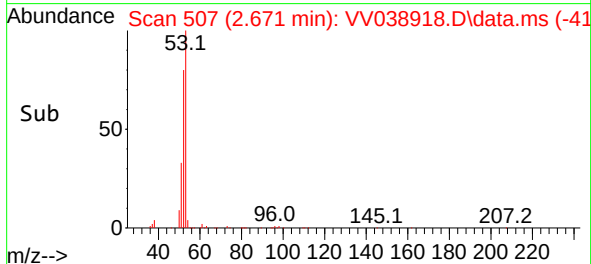
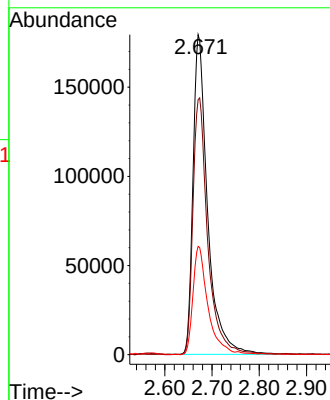
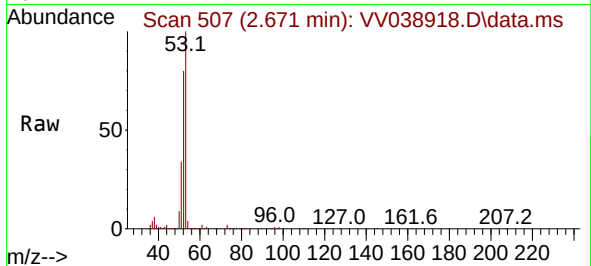




#15
Acrylonitrile
Concen: 91.057 ug/l
RT: 2.671 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

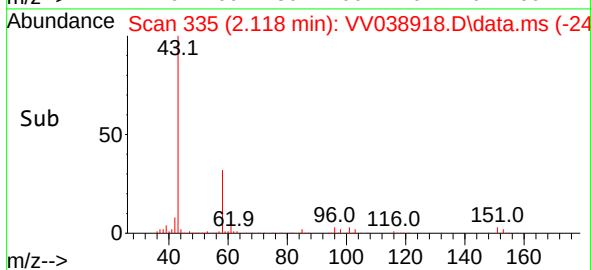
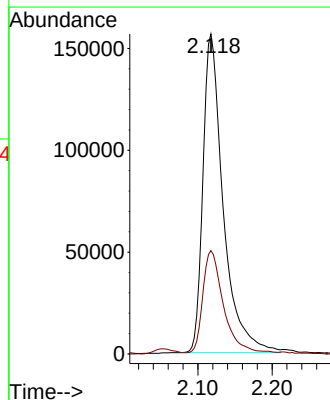
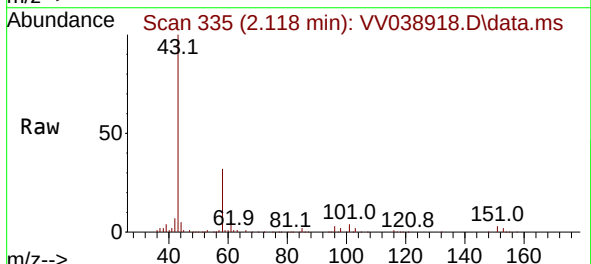
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

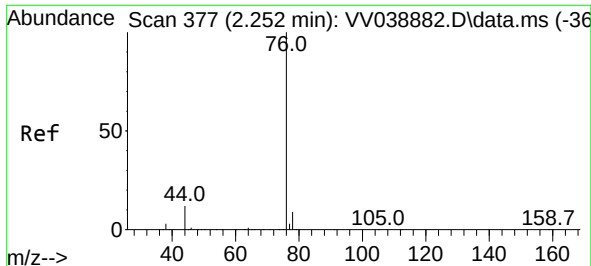
Tgt Ion: 53 Resp: 384001
Ion Ratio Lower Upper
53 100
52 82.0 66.6 99.8
51 34.5 28.7 43.1



#16
Acetone
Concen: 95.880 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 43 Resp: 296980
Ion Ratio Lower Upper
43 100
58 31.9 25.8 38.6

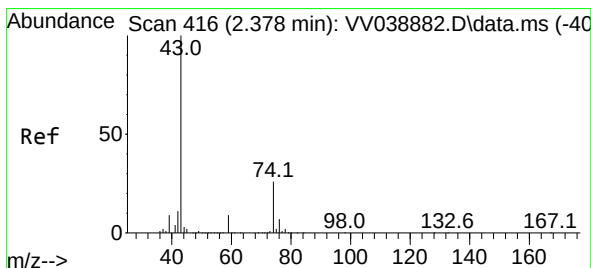
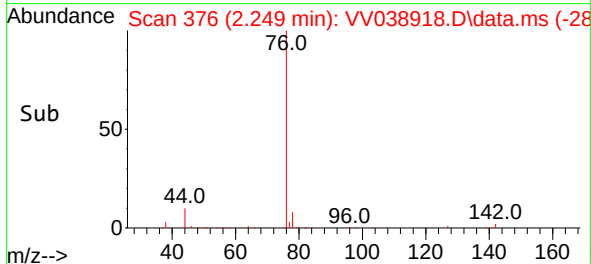
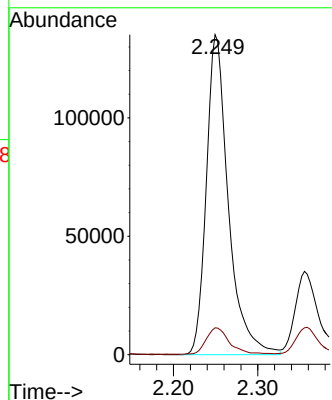
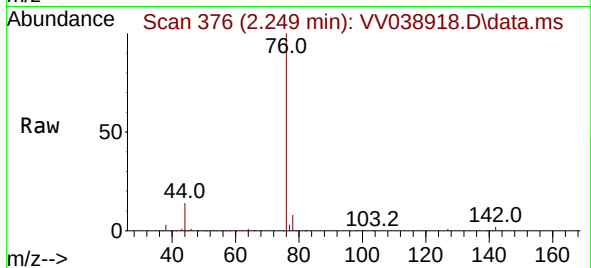




#17
Carbon Disulfide
Concen: 23.845 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

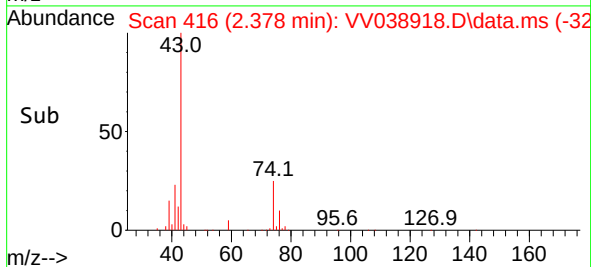
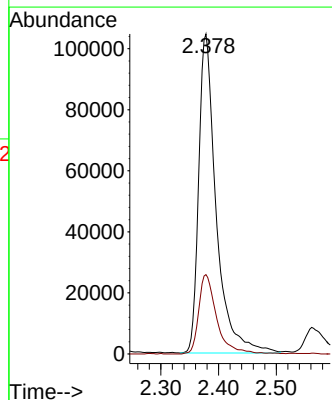
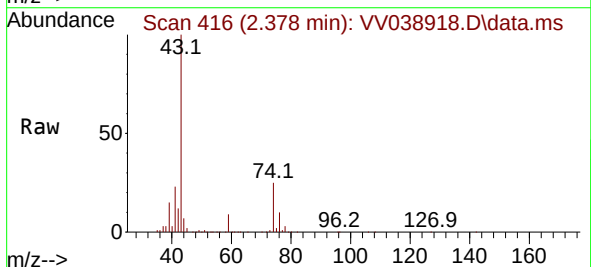
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

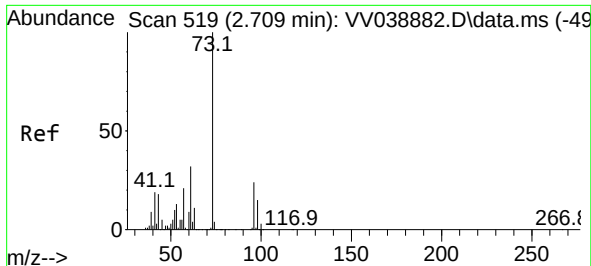
Tgt Ion: 76 Resp: 245737
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 20.976 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 43 Resp: 219829
Ion Ratio Lower Upper
43 100
74 25.3 21.1 31.7

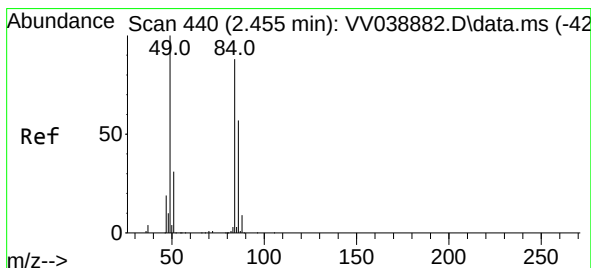
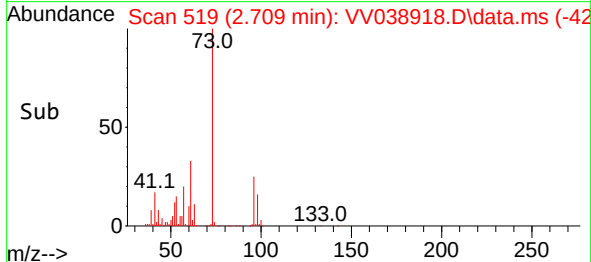
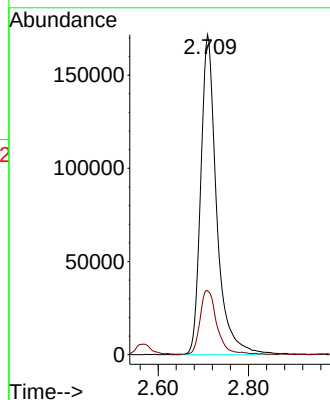
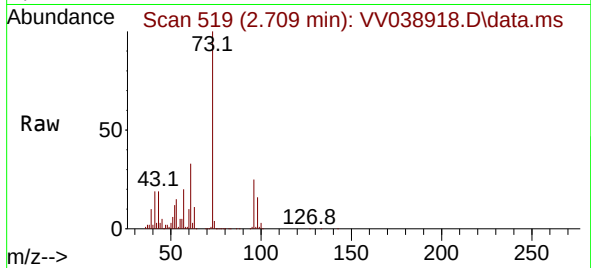




#19
Methyl tert-butyl Ether
Concen: 18.233 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

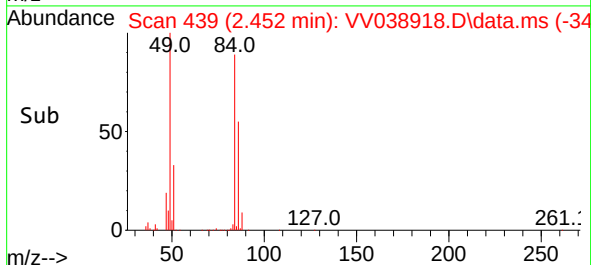
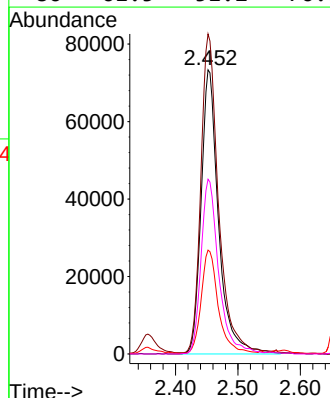
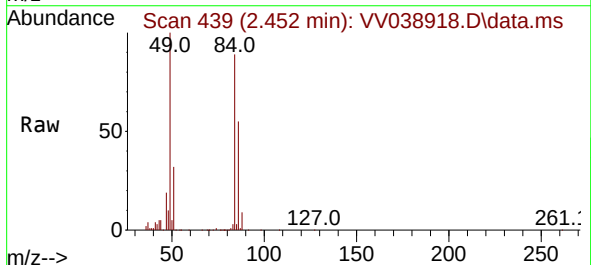
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

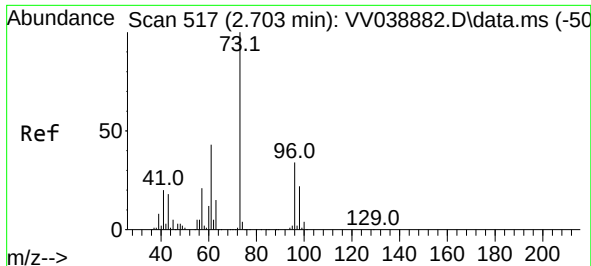
Tgt Ion: 73 Resp: 419281
Ion Ratio Lower Upper
73 100
57 19.8 16.5 24.7



#20
Methylene Chloride
Concen: 18.159 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 84 Resp: 142695
Ion Ratio Lower Upper
84 100
49 112.2 90.5 135.7
51 36.3 27.8 41.6
86 61.5 51.2 76.8

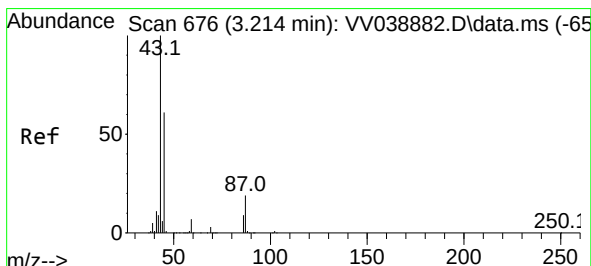
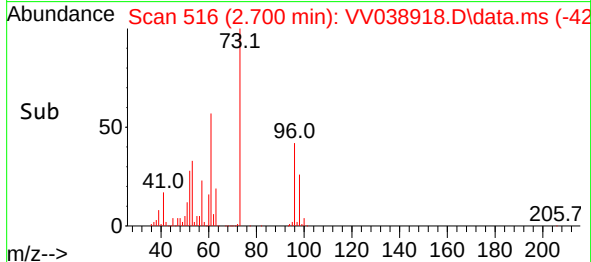
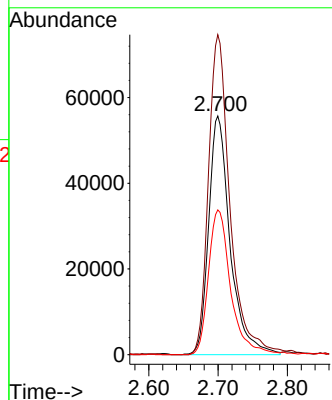
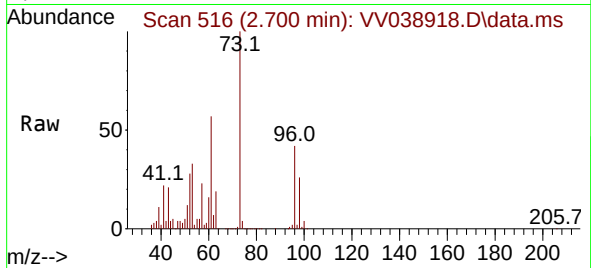




#21
trans-1,2-Dichloroethene
Concen: 18.363 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

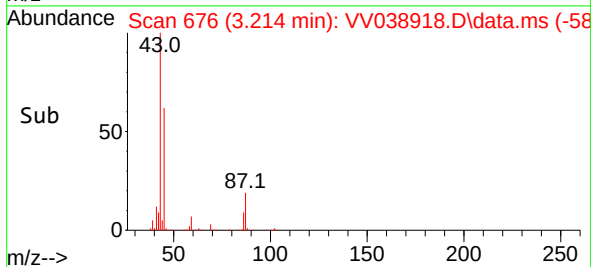
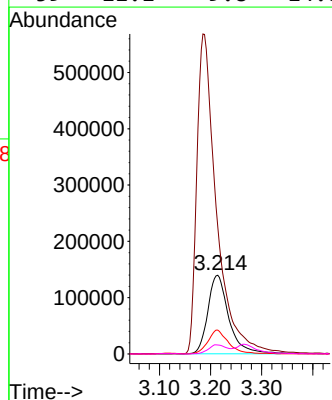
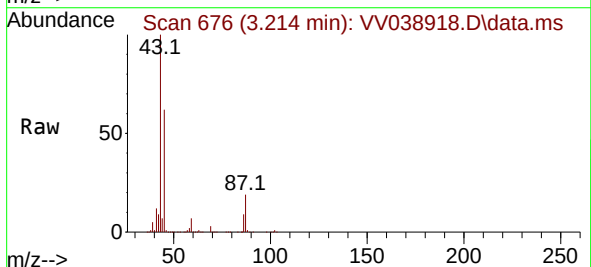
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

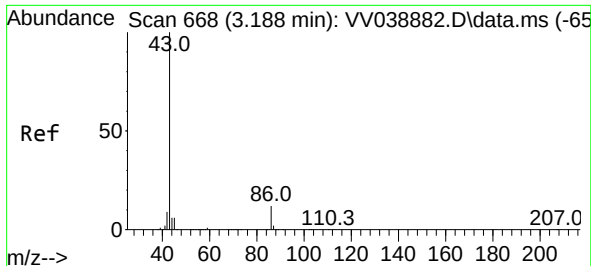
Tgt Ion: 96 Resp: 119830
Ion Ratio Lower Upper
96 100
61 134.1 102.0 153.0
98 60.6 51.0 76.6



#22
Diisopropyl ether
Concen: 20.285 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 45 Resp: 396034
Ion Ratio Lower Upper
45 100
43 161.6 132.1 198.1
87 30.2 25.0 37.4
59 11.1 9.8 14.8

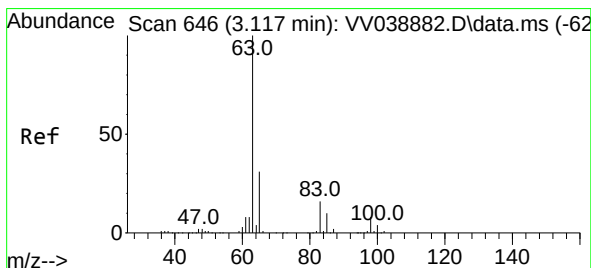
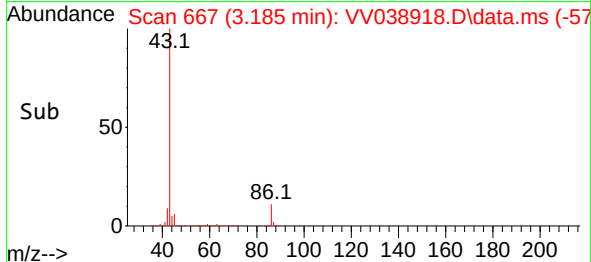
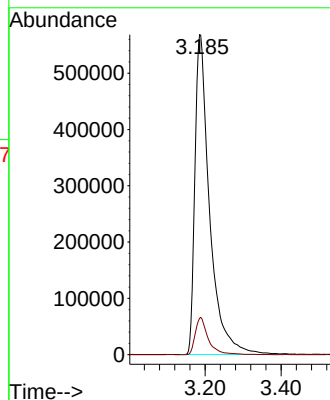
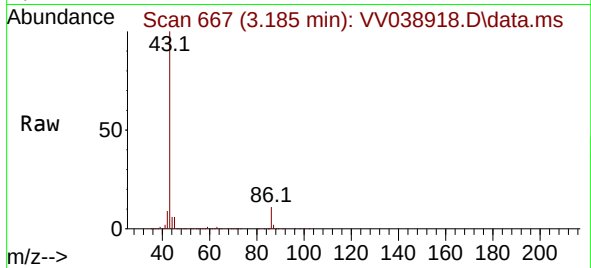




#23
 Vinyl Acetate
 Concen: 99.779 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.003 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

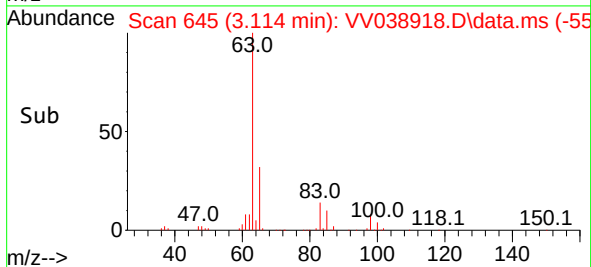
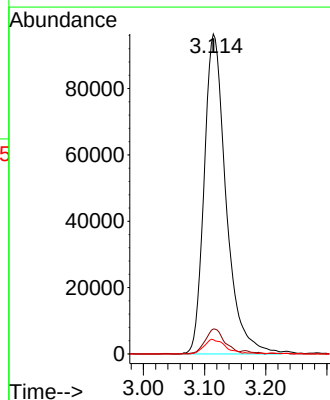
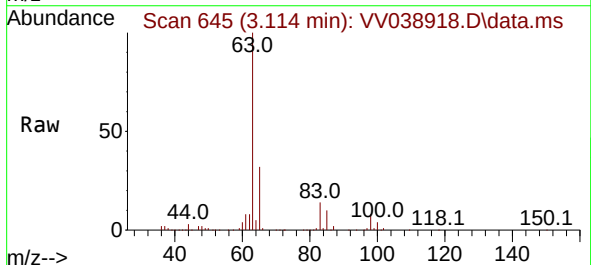
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBS01

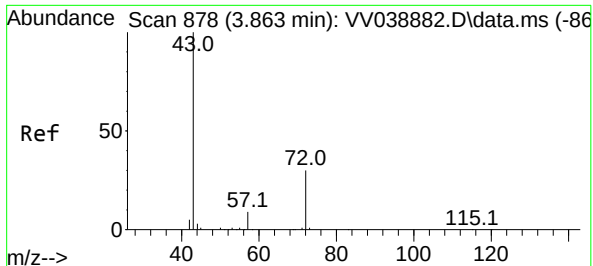
Tgt Ion: 43 Resp: 1527444
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 18.800 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

Tgt Ion: 63 Resp: 240374
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.4 2.2 6.6

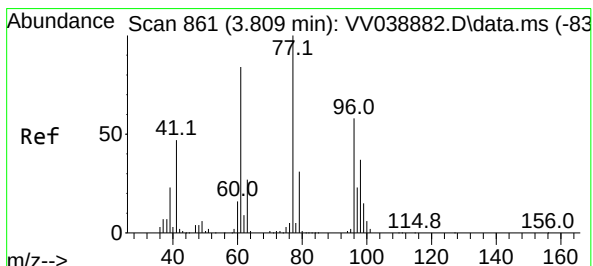
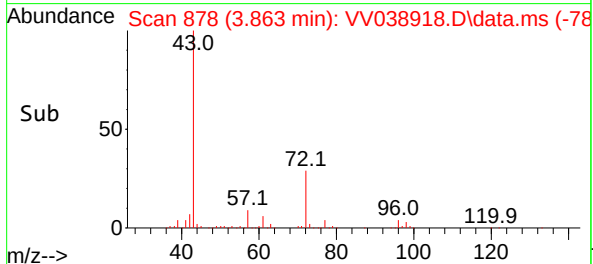
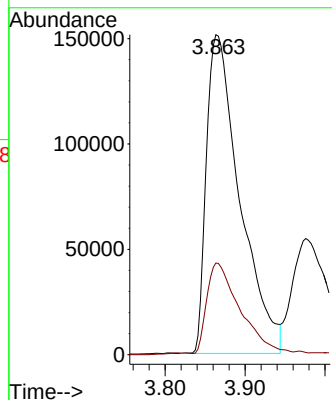
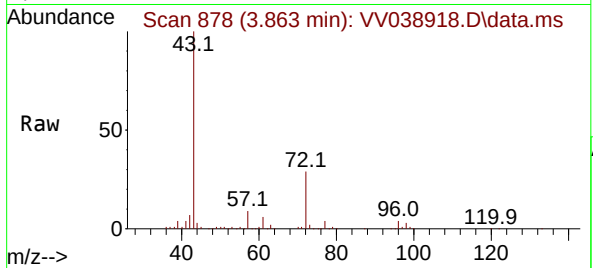




#25
2-Butanone
Concen: 99.102 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

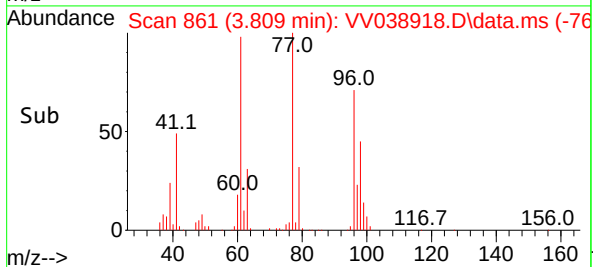
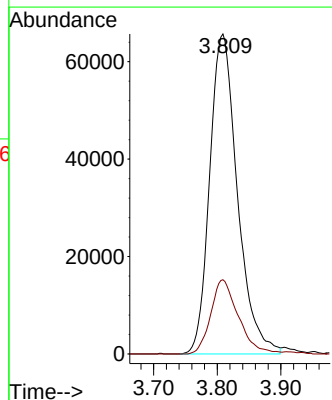
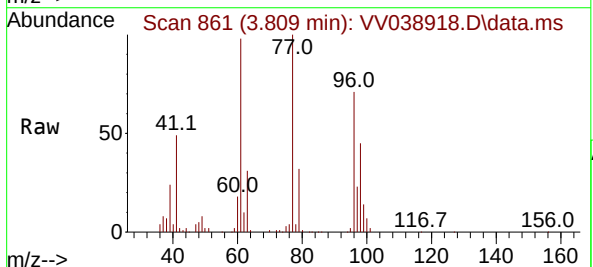
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

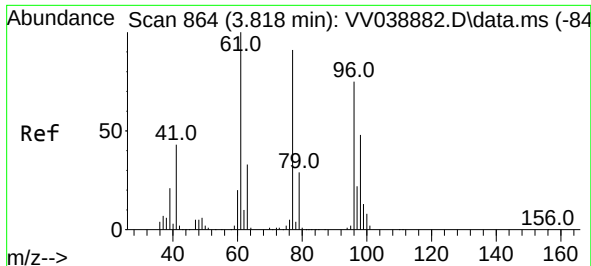
Tgt Ion: 43 Resp: 439970
Ion Ratio Lower Upper
43 100
72 28.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 17.777 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 77 Resp: 199004
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2

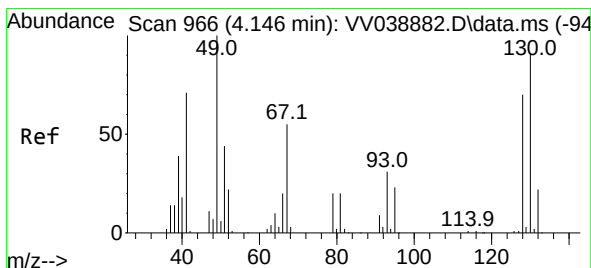
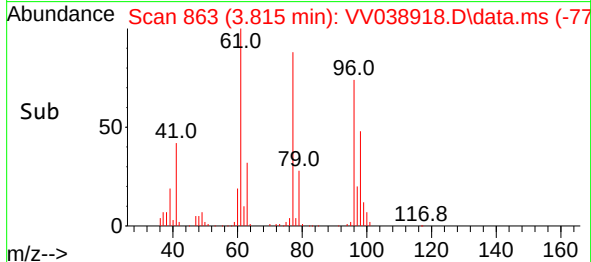
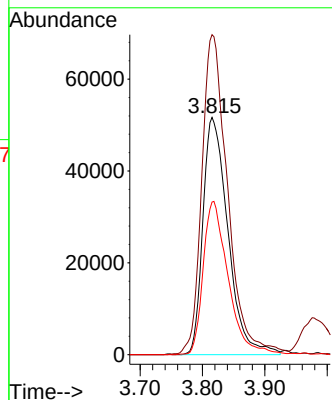
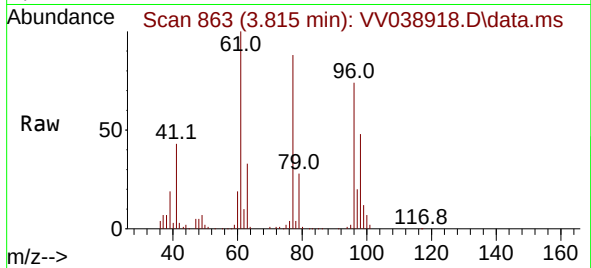




#27
 cis-1,2-Dichloroethene
 Concen: 19.230 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

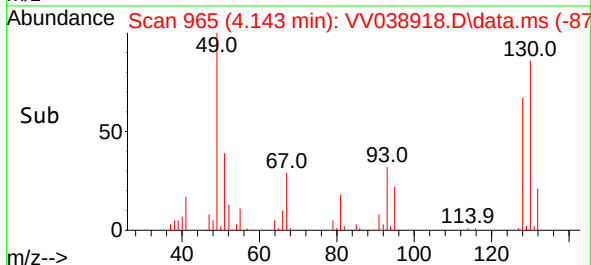
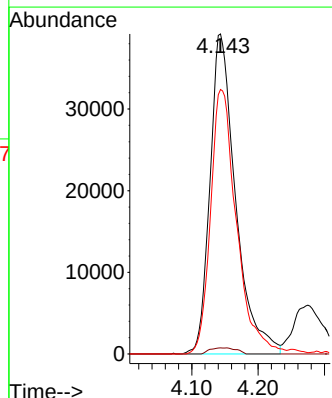
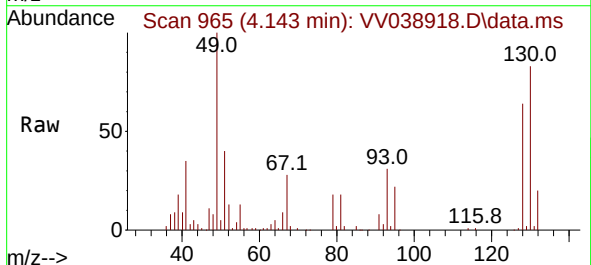
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBS01

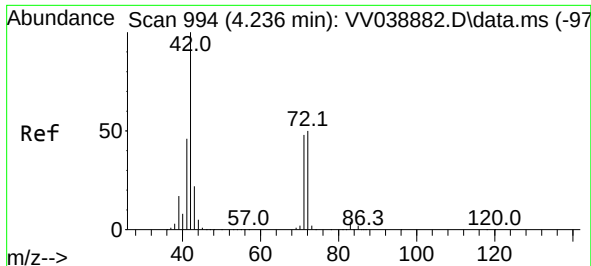
Tgt Ion: 96 Resp: 144095
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 275.0
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.280 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

Tgt Ion: 49 Resp: 105316
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 83.7 70.1 105.1





#29

Tetrahydrofuran

Concen: 99.644 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

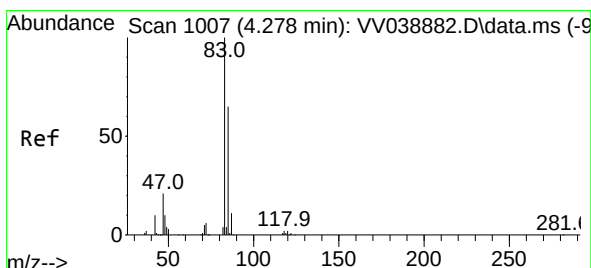
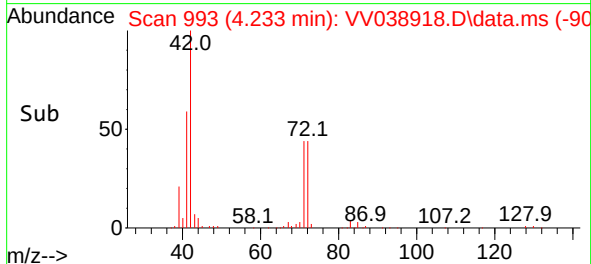
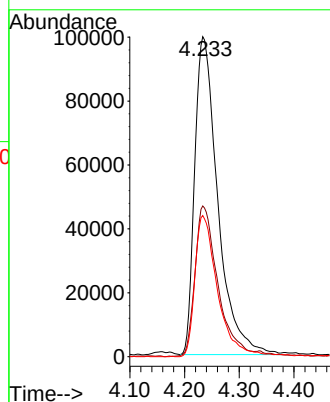
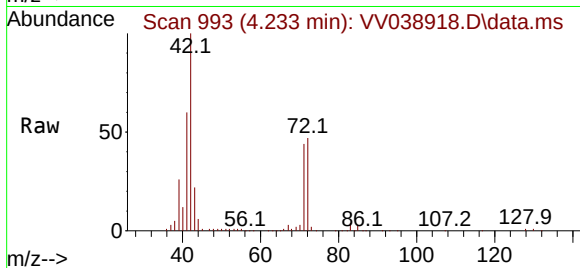
Tgt Ion: 42 Resp: 291560

Ion Ratio Lower Upper

42 100

72 46.5 41.6 62.4

71 43.3 38.4 57.6



#30

Chloroform

Concen: 18.085 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038918.D

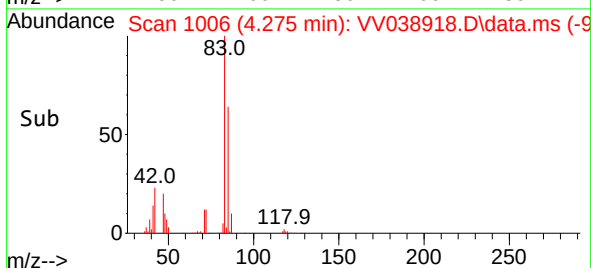
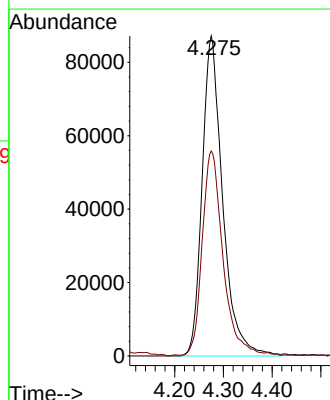
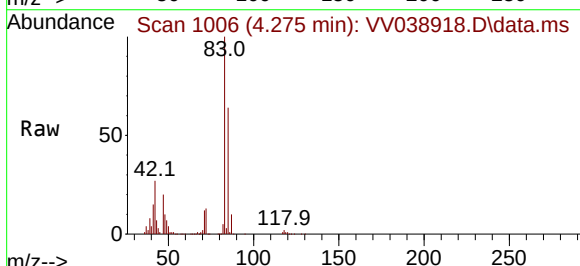
Acq: 18 Jul 2025 13:44

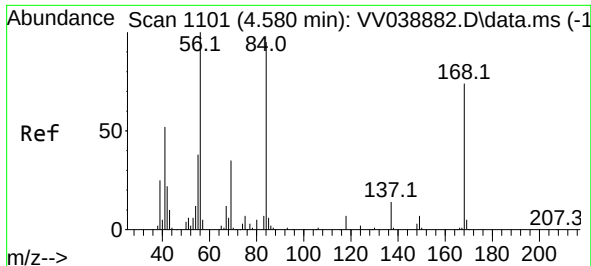
Tgt Ion: 83 Resp: 254927

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4





#31

Cyclohexane

Concen: 20.911 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

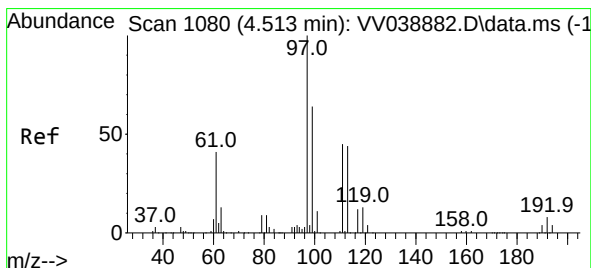
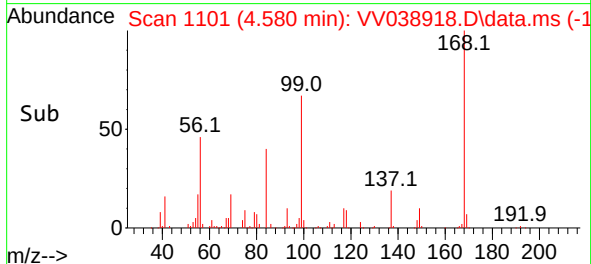
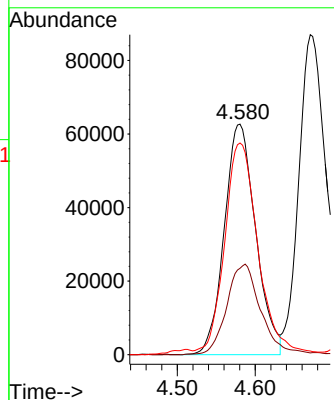
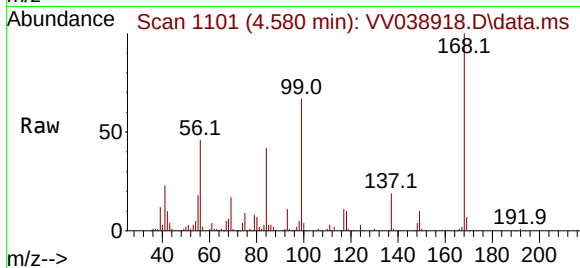
Tgt Ion: 56 Resp: 175488

Ion Ratio Lower Upper

56 100

69 37.5 28.2 42.2

84 90.1 76.0 114.0



#32

1,1,1-Trichloroethane

Concen: 17.860 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

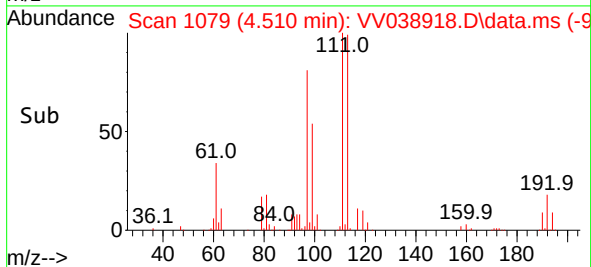
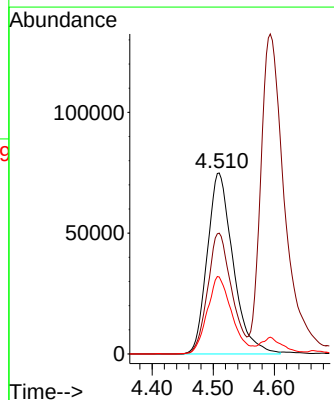
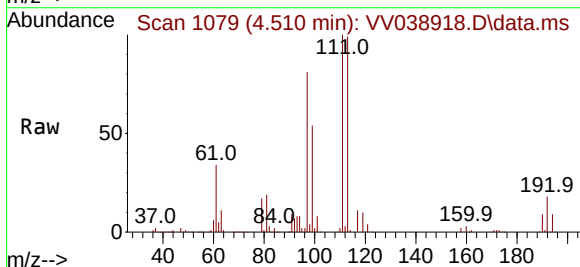
Tgt Ion: 97 Resp: 219664

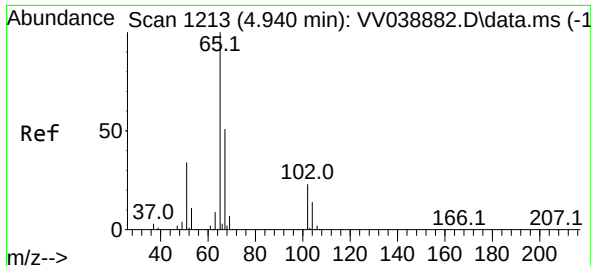
Ion Ratio Lower Upper

97 100

99 61.7 50.1 75.1

61 41.1 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 49.590 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

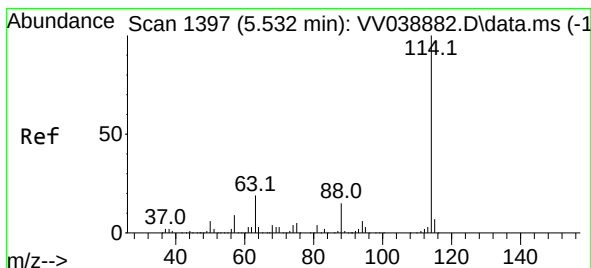
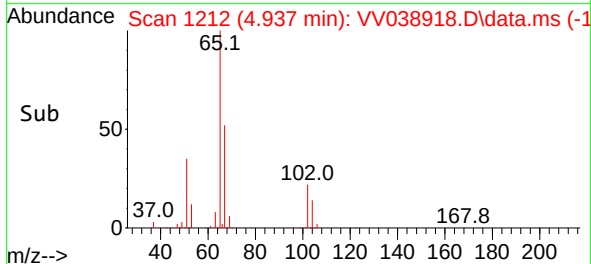
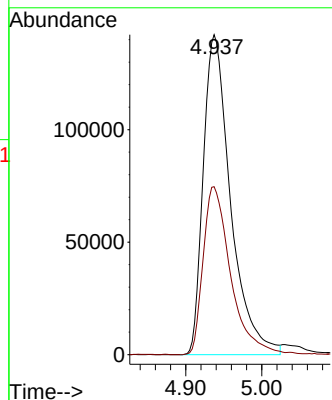
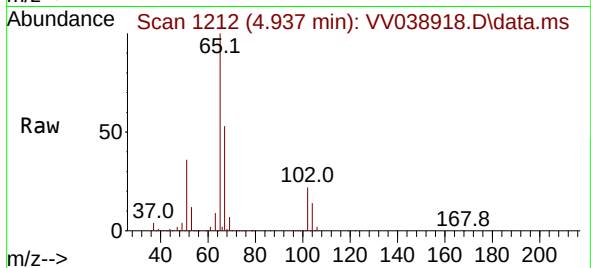
VV0718WBS01

Tgt Ion: 65 Resp: 354969

Ion Ratio Lower Upper

65 100

67 53.0 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: VV038918.D

Acq: 18 Jul 2025 13:44

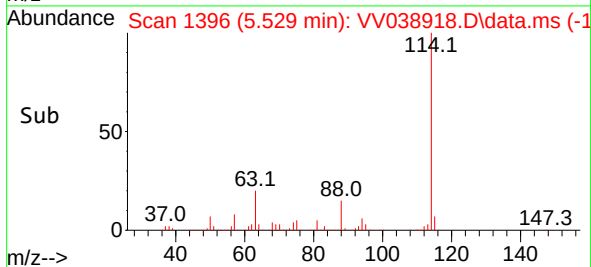
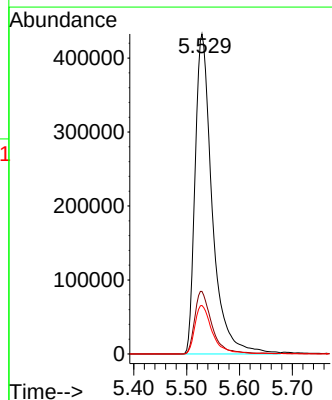
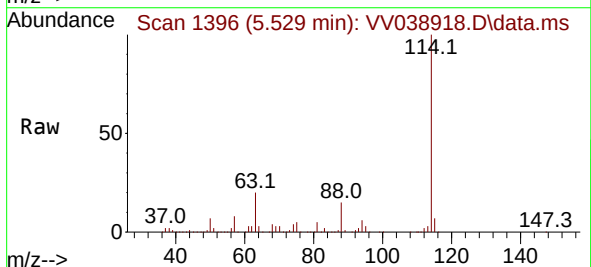
Tgt Ion: 114 Resp: 971878

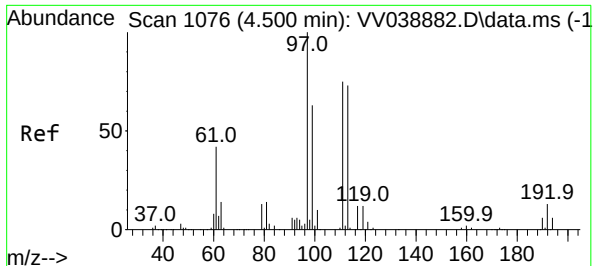
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.332 ug/l

RT: 4.497 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

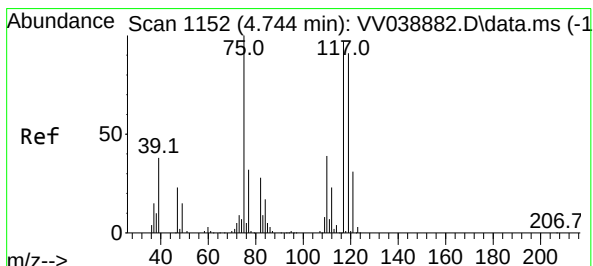
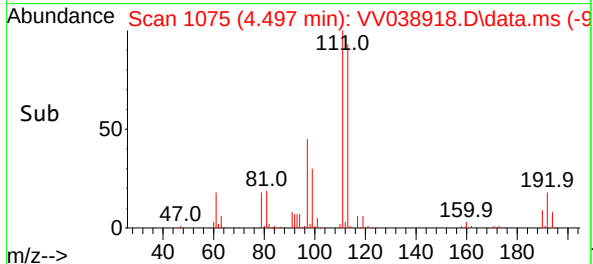
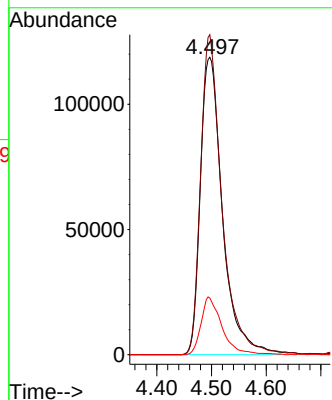
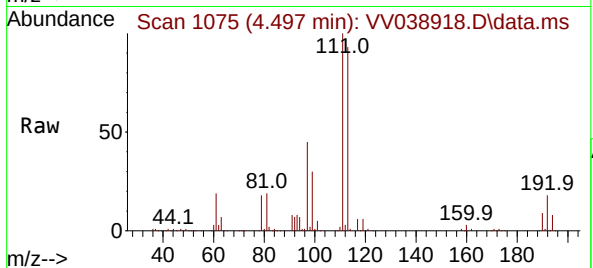
Tgt Ion:113 Resp: 333516

Ion Ratio Lower Upper

113 100

111 103.6 83.3 124.9

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 19.155 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

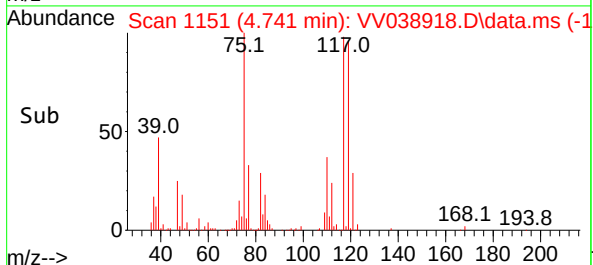
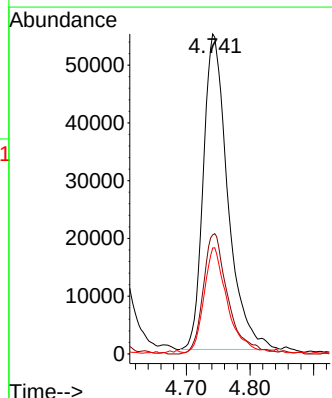
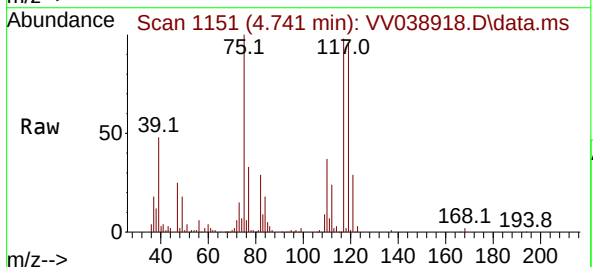
Tgt Ion: 75 Resp: 145872

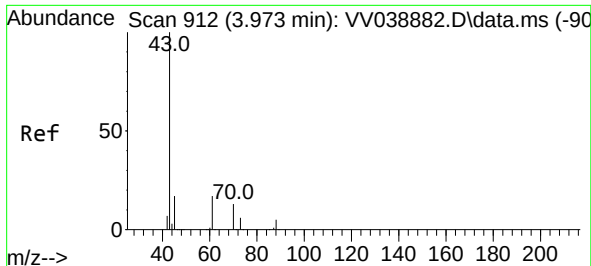
Ion Ratio Lower Upper

75 100

110 38.8 18.8 56.3

77 31.3 24.2 36.4

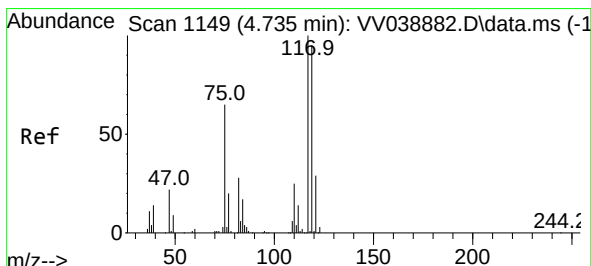
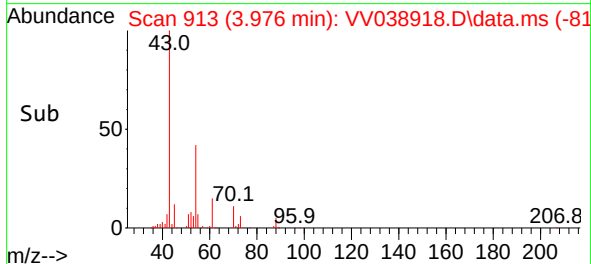
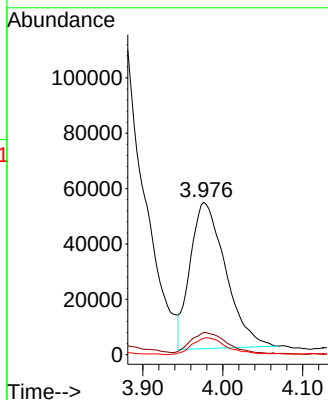
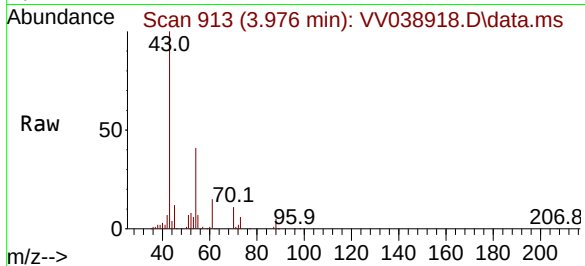




#37
Ethyl Acetate
Concen: 18.167 ug/l
RT: 3.976 min Scan# 912
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

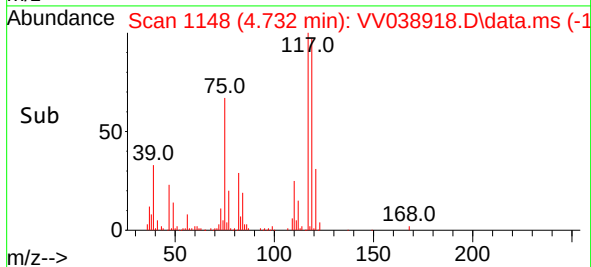
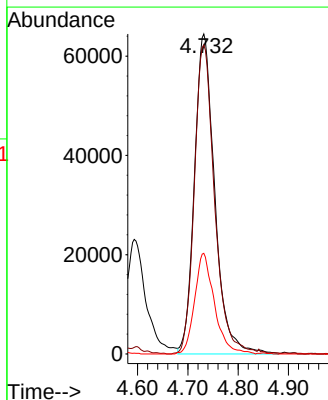
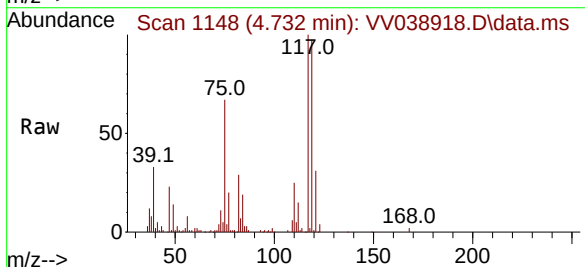
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

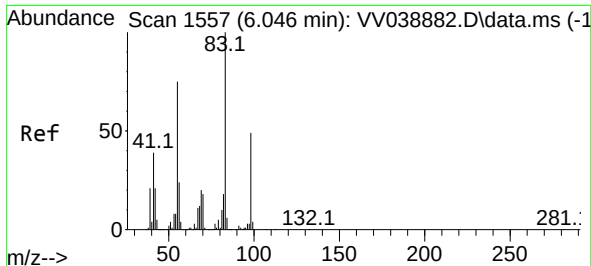
Tgt Ion: 43 Resp: 162884
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 11.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 117 Resp: 181250
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
121 31.5 23.1 34.7





#39

Methylcyclohexane

Concen: 19.477 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

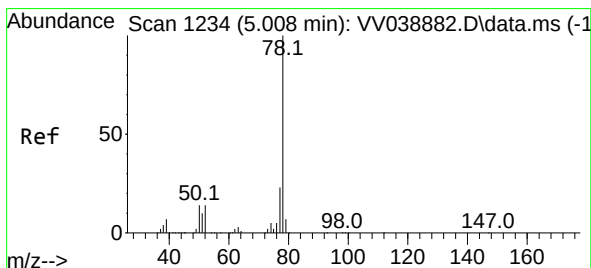
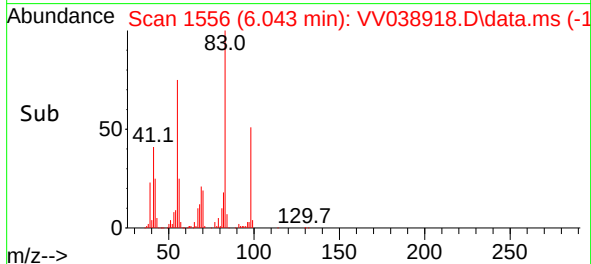
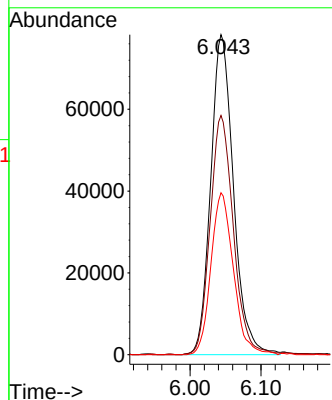
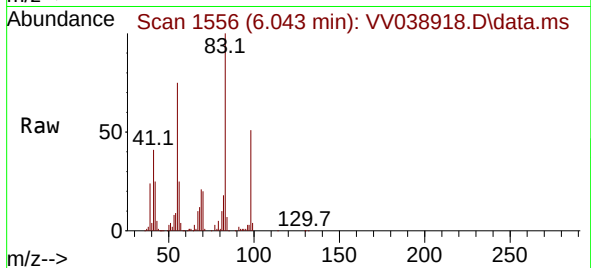
Tgt Ion: 83 Resp: 175013

Ion Ratio Lower Upper

83 100

55 74.7 60.0 90.0

98 50.6 39.0 58.6



#40

Benzene

Concen: 19.164 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038918.D

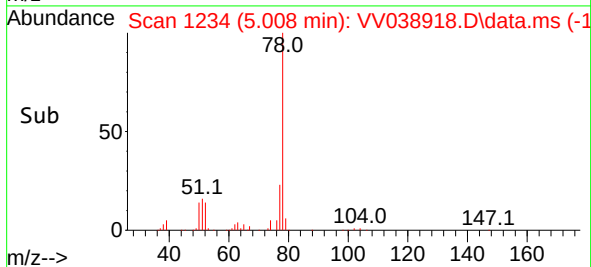
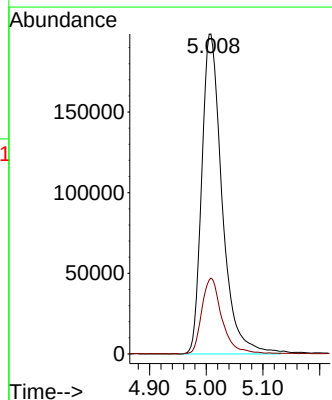
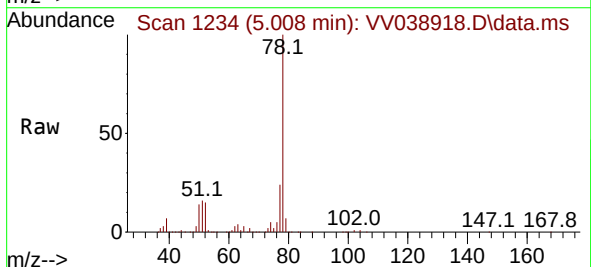
Acq: 18 Jul 2025 13:44

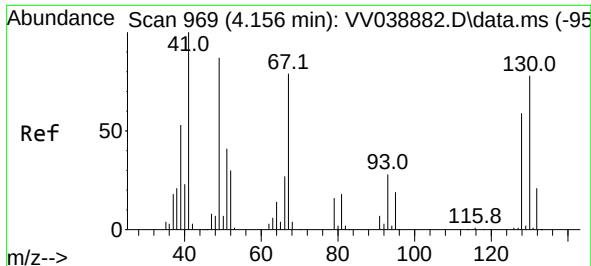
Tgt Ion: 78 Resp: 494722

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0

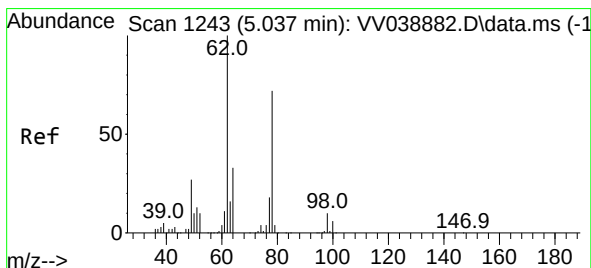
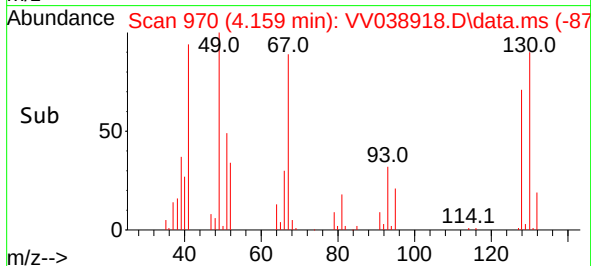
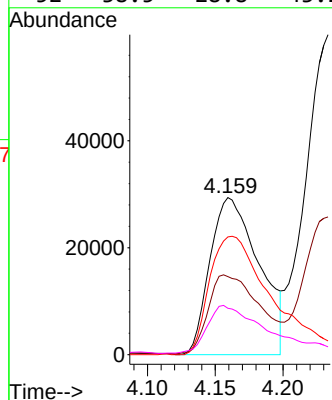
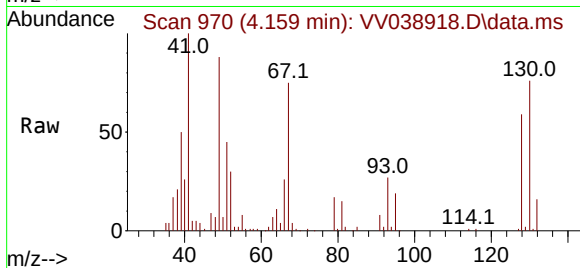




#41
Methacrylonitrile
Concen: 18.040 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

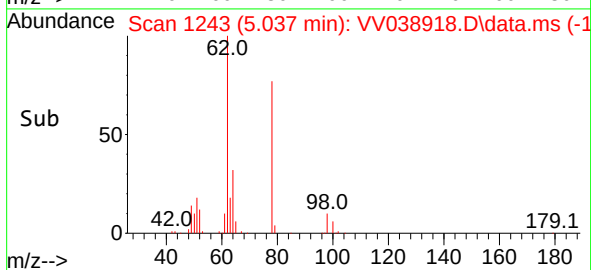
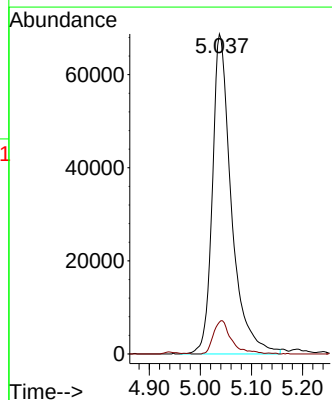
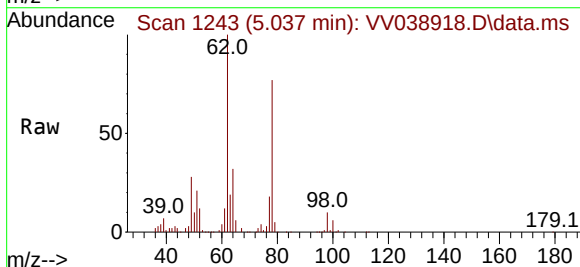
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

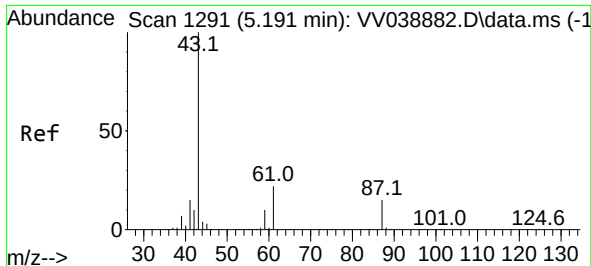
Tgt Ion: 41	Resp: 74234
Ion Ratio	Lower Upper
41 100	
39 53.8	42.0 63.0
67 99.1	76.2 114.2
52 38.5	28.8 43.2



#42
1,2-Dichloroethane
Concen: 18.091 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 62	Resp: 178022
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 18.8

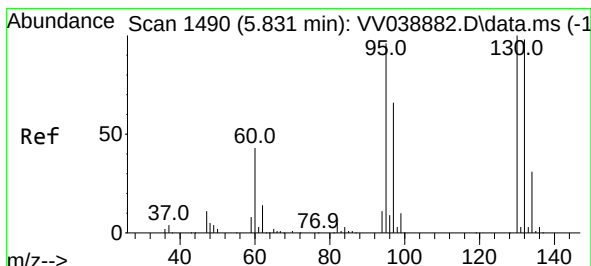
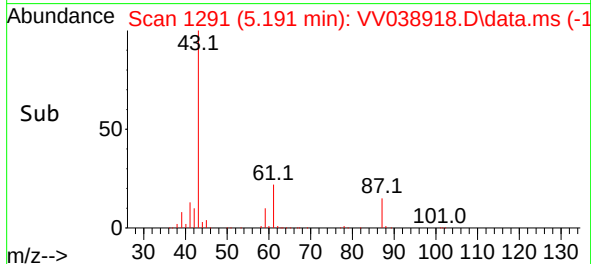
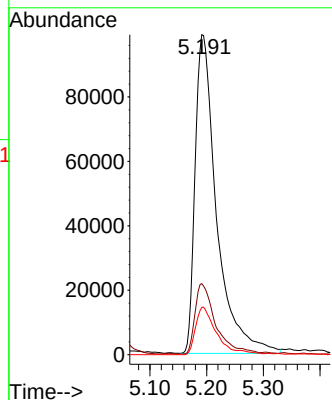
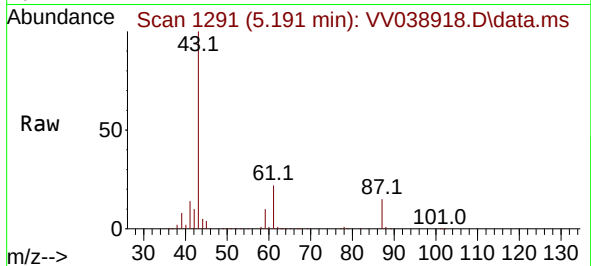




#43
Isopropyl Acetate
Concen: 18.358 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

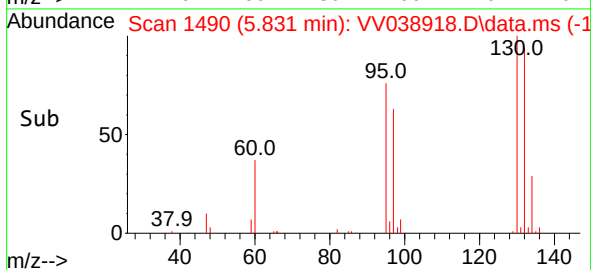
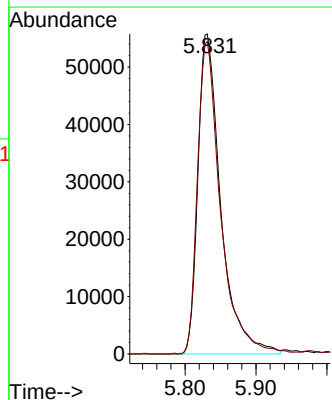
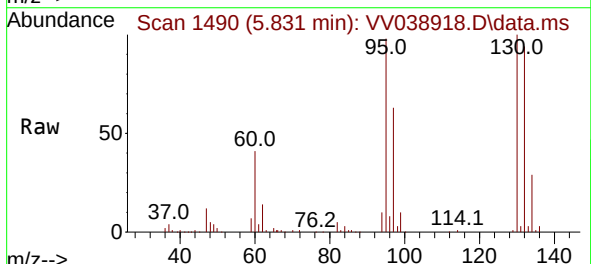
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

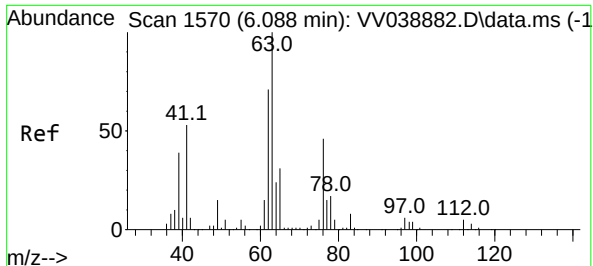
Tgt Ion: 43 Resp: 260319
Ion Ratio Lower Upper
43 100
61 21.2 17.1 25.7
87 13.8 12.2 18.4



#44
Trichloroethene
Concen: 18.542 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion:130 Resp: 125083
Ion Ratio Lower Upper
130 100
95 97.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.611 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

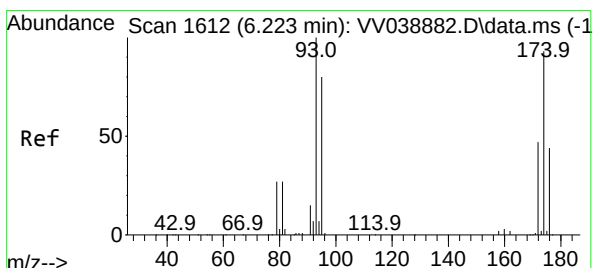
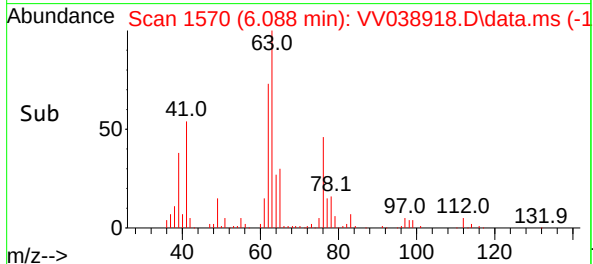
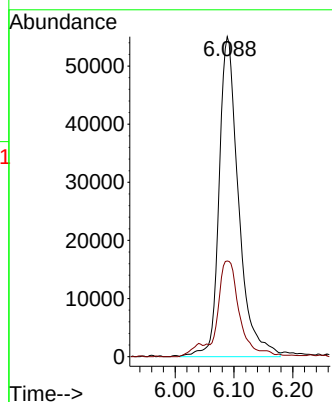
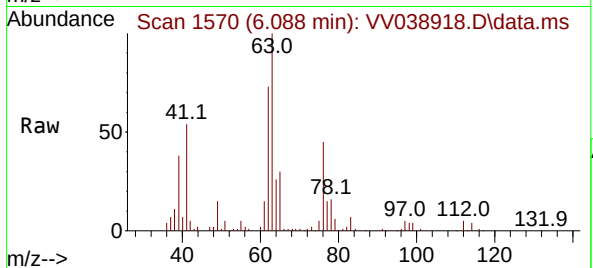
VV0718WBS01

Tgt Ion: 63 Resp: 126913

Ion Ratio Lower Upper

63 100

65 29.7 24.9 37.3



#46

Dibromomethane

Concen: 18.110 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

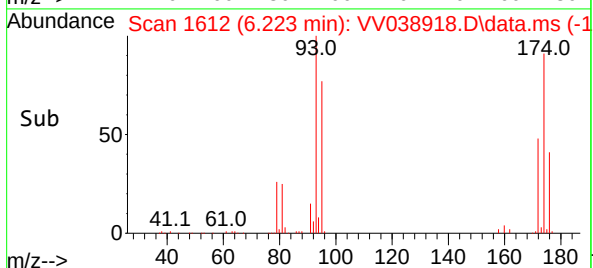
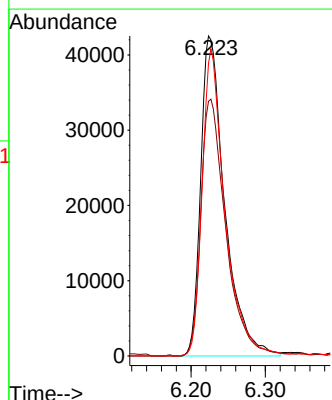
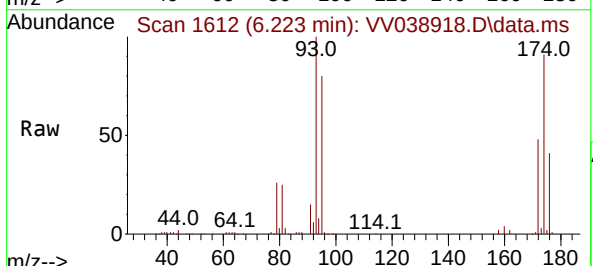
Tgt Ion: 93 Resp: 95556

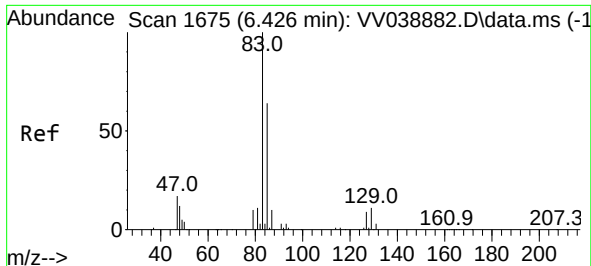
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 91.0 75.3 112.9

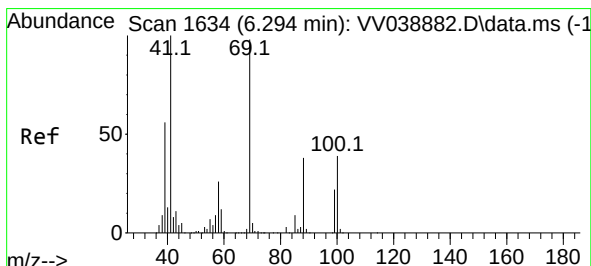
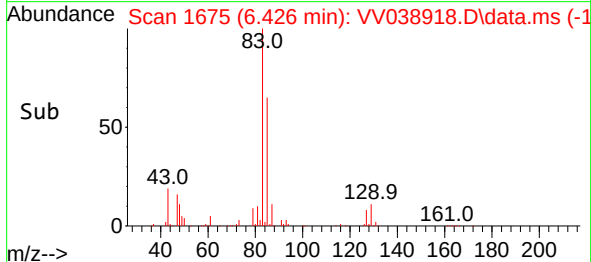
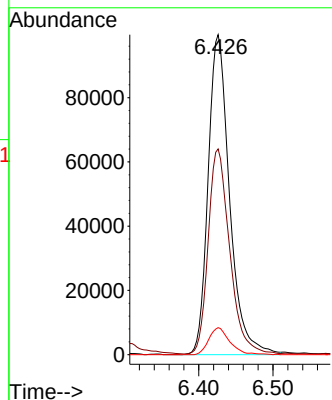
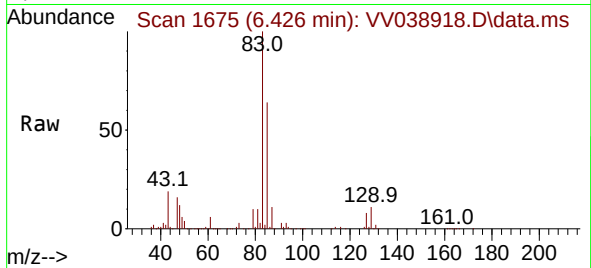




#47
Bromodichloromethane
Concen: 17.848 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

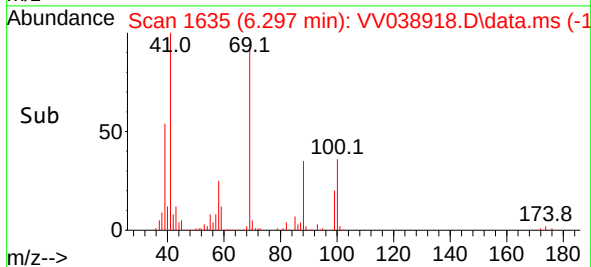
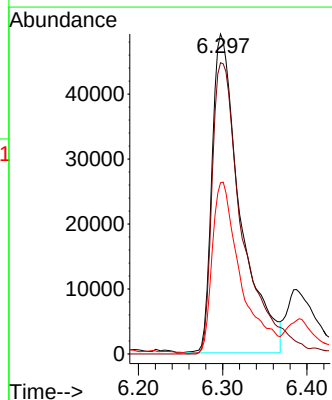
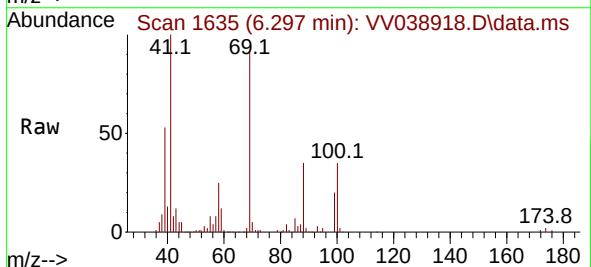
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

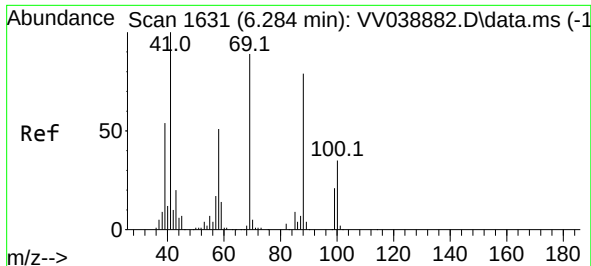
Tgt Ion: 83 Resp: 199854
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.0
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 18.553 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 41 Resp: 114177
Ion Ratio Lower Upper
41 100
69 98.6 79.4 119.2
39 54.7 44.0 66.0





#49

1,4-Dioxane

Concen: 347.062 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

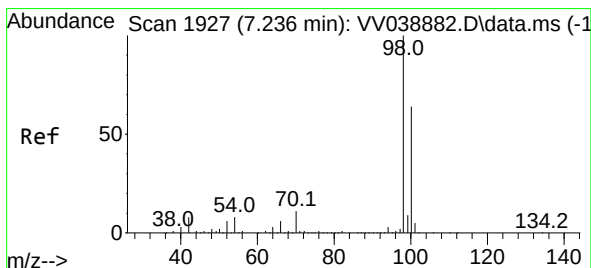
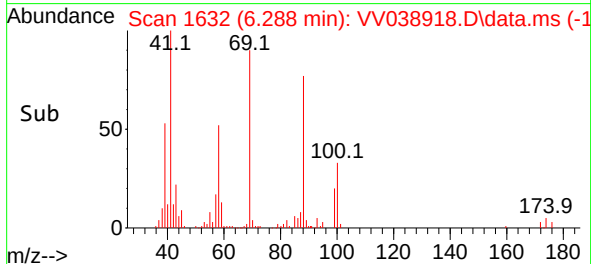
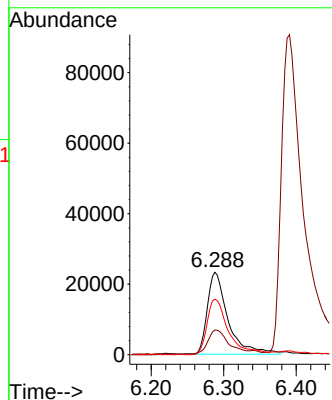
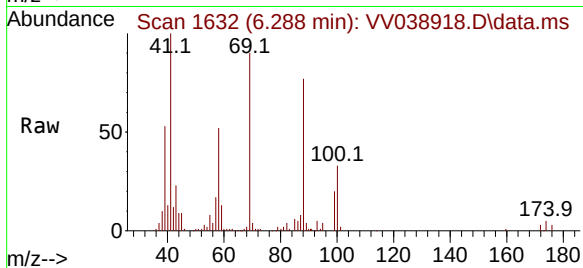
Tgt Ion: 88 Resp: 46018

Ion Ratio Lower Upper

88 100

43 29.6 23.0 34.4

58 70.1 53.8 80.6



#50

Toluene-d8

Concen: 46.927 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038918.D

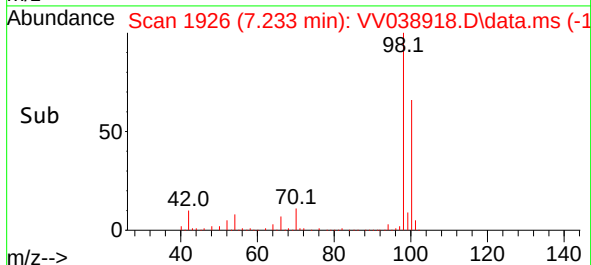
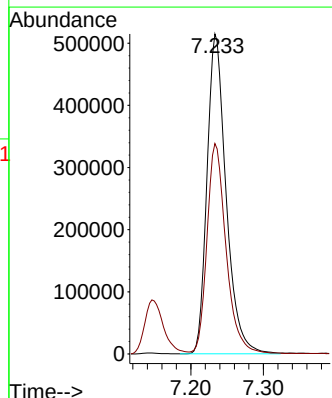
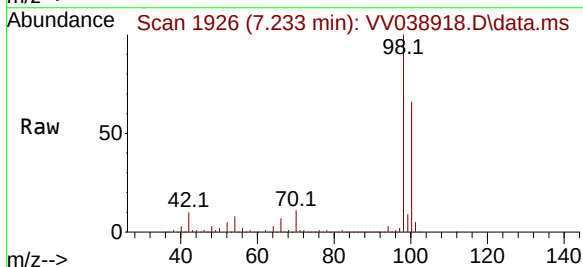
Acq: 18 Jul 2025 13:44

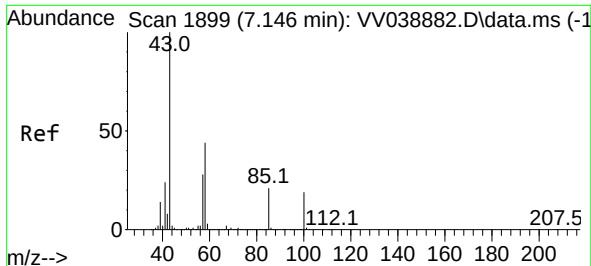
Tgt Ion: 98 Resp: 939924

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3

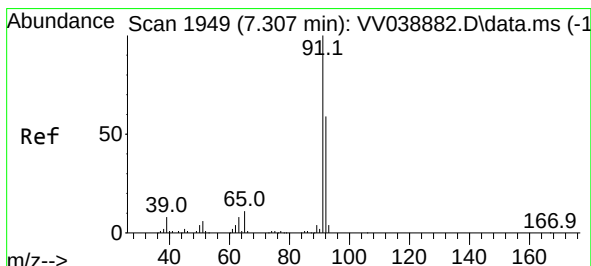
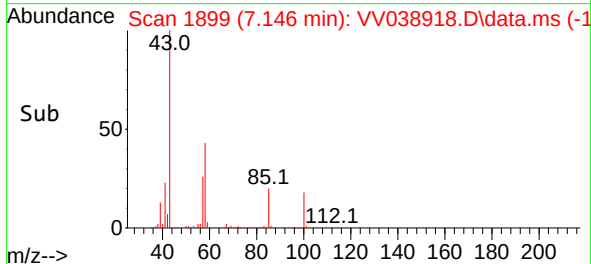
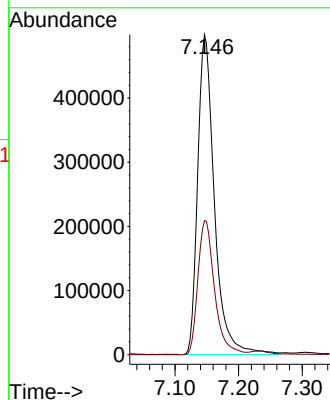
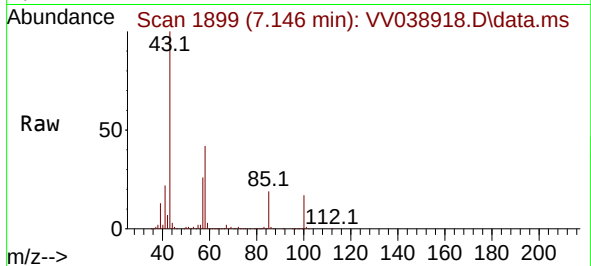




#51
4-Methyl-2-Pentanone
Concen: 94.274 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

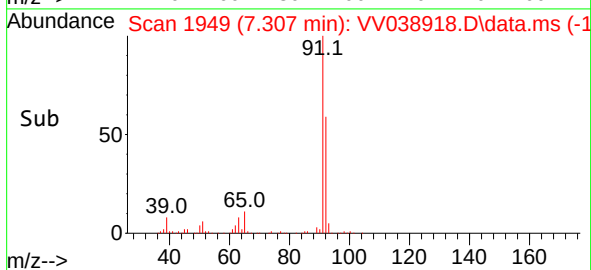
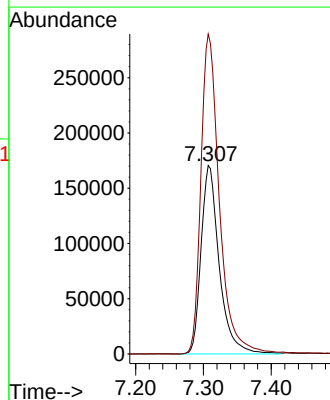
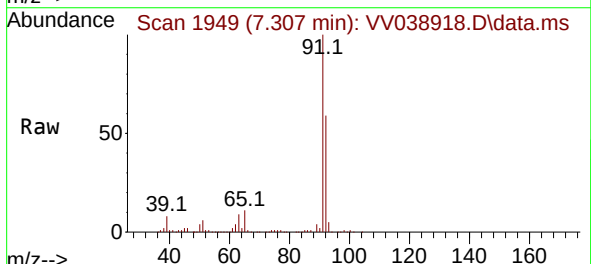
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

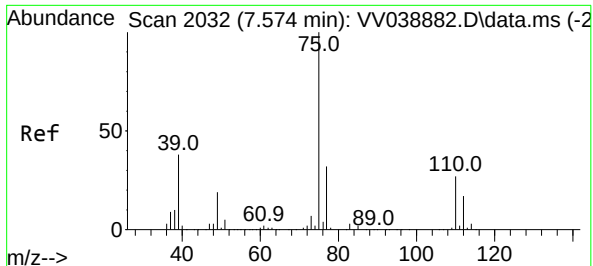
Tgt Ion: 43 Resp: 910261
Ion Ratio Lower Upper
43 100
58 41.8 34.5 51.7



#52
Toluene
Concen: 19.514 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 92 Resp: 317356
Ion Ratio Lower Upper
92 100
91 172.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.539 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

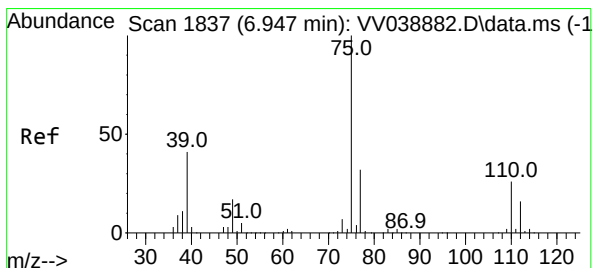
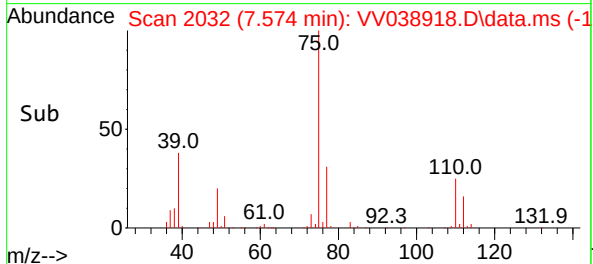
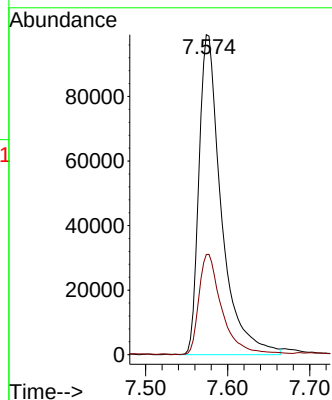
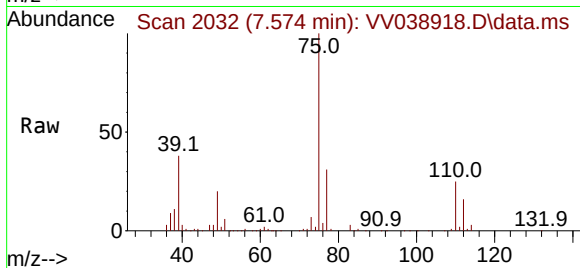
VV0718WBS01

Tgt Ion: 75 Resp: 187840

Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 18.487 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

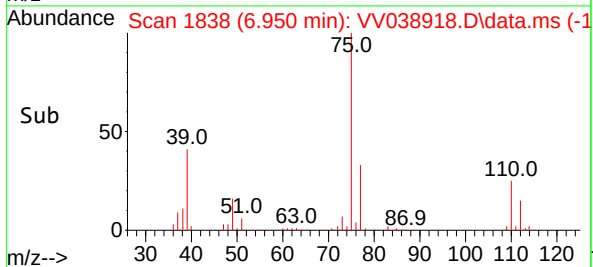
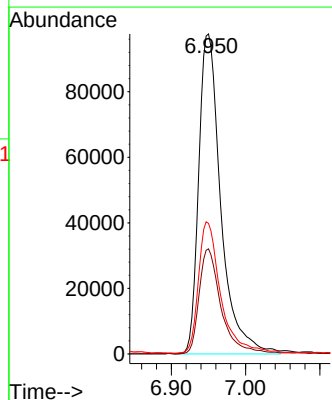
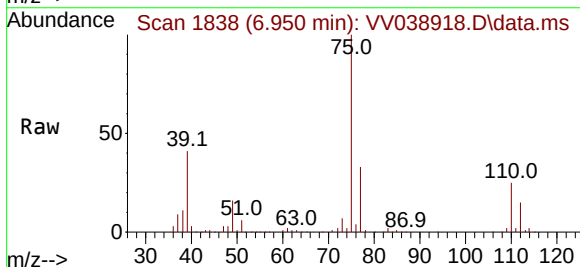
Tgt Ion: 75 Resp: 202487

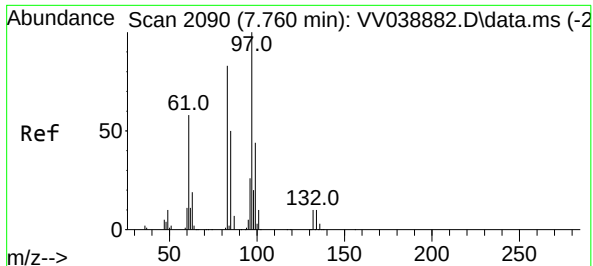
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 40.4 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 17.853 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

Tgt Ion: 97 Resp: 138774

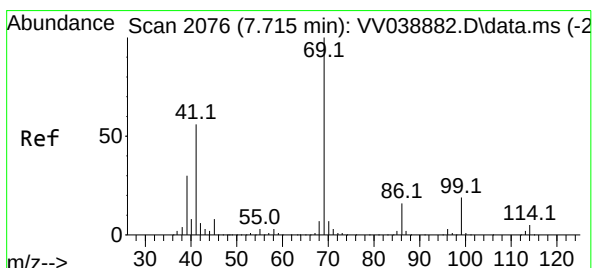
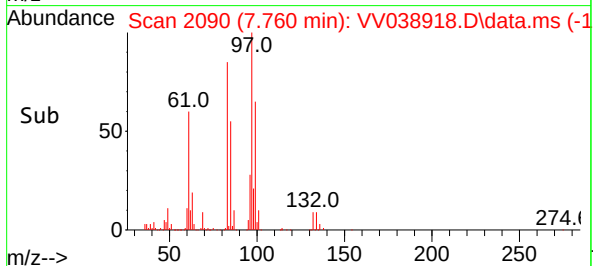
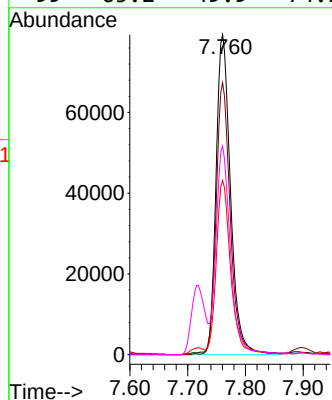
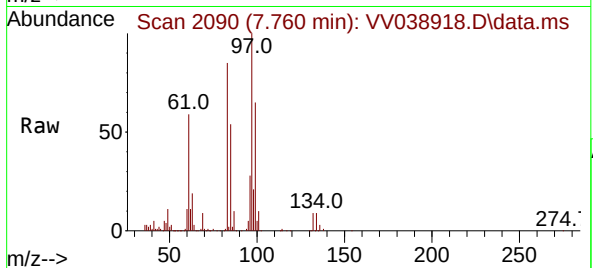
Ion Ratio Lower Upper

97 100

83 85.0 66.2 99.4

85 54.5 41.4 62.2

99 65.2 49.9 74.9



#56

Ethyl methacrylate

Concen: 19.464 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

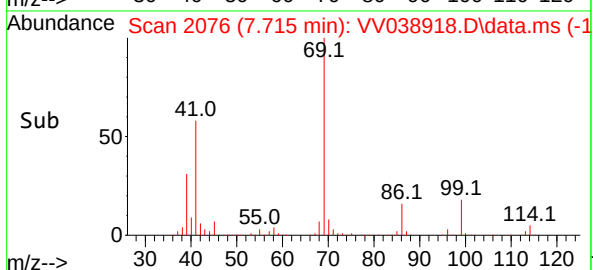
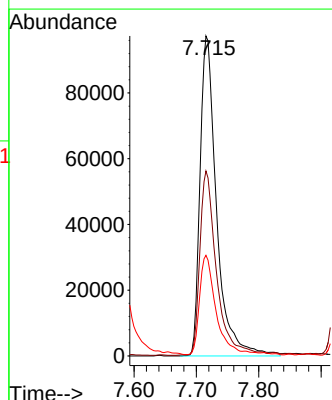
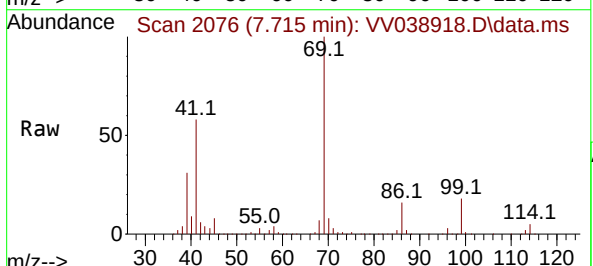
Tgt Ion: 69 Resp: 179792

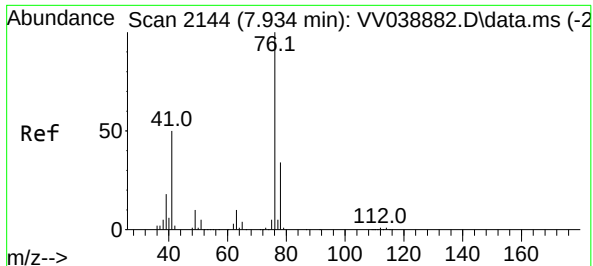
Ion Ratio Lower Upper

69 100

41 57.4 45.7 68.5

39 29.9 23.8 35.8

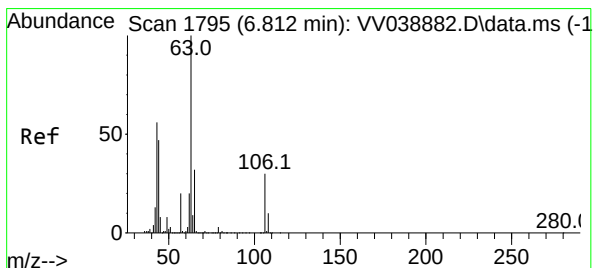
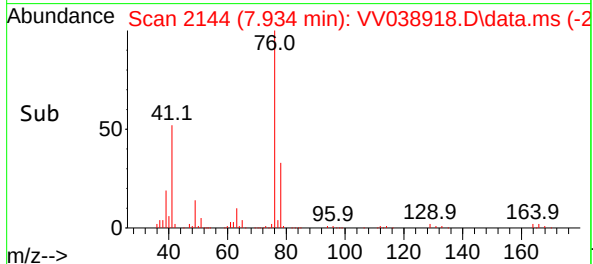
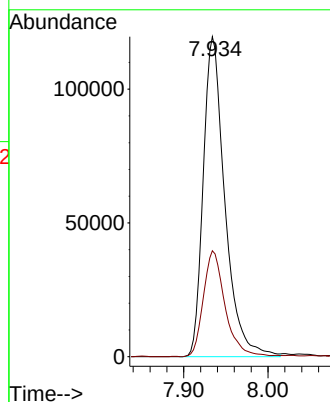
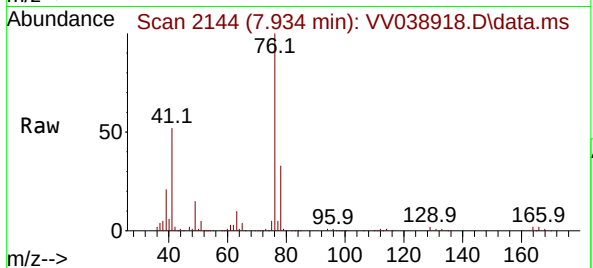




#57
1,3-Dichloropropane
Concen: 18.348 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

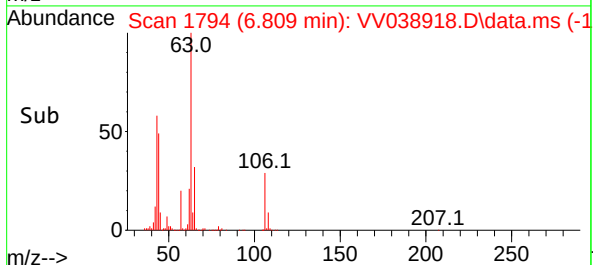
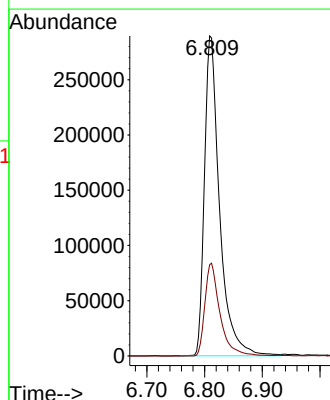
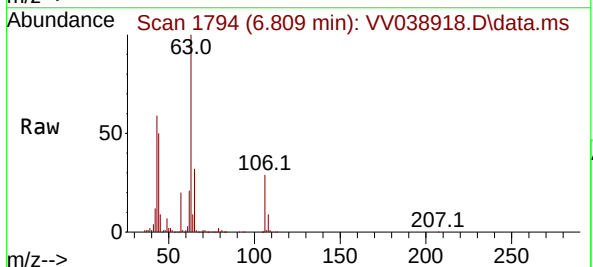
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

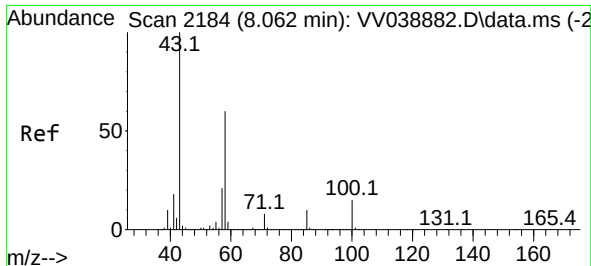
Tgt Ion: 76 Resp: 213853
Ion Ratio Lower Upper
76 100
78 33.2 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 83.989 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 63 Resp: 527489
Ion Ratio Lower Upper
63 100
106 28.9 24.1 36.1

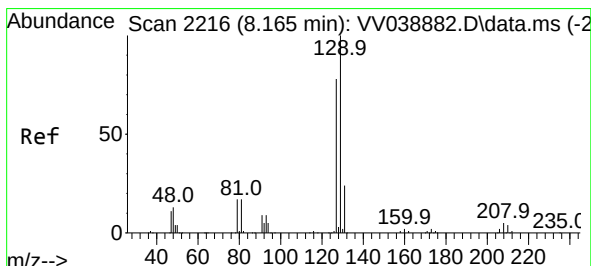
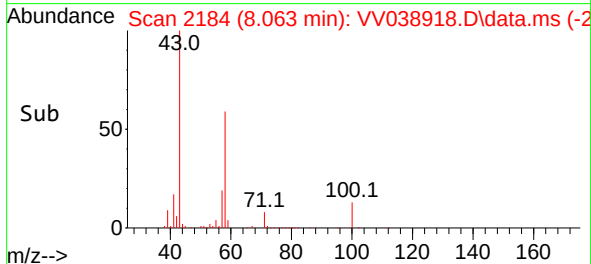
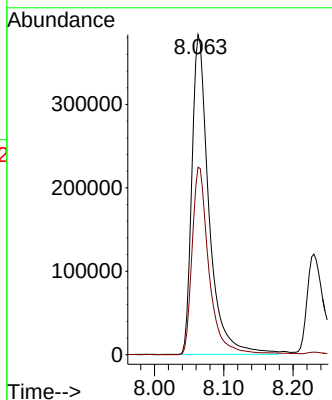
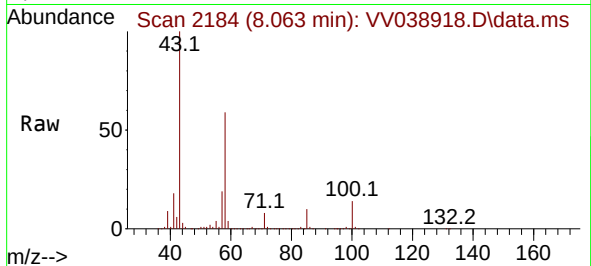




#59
2-Hexanone
Concen: 91.551 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

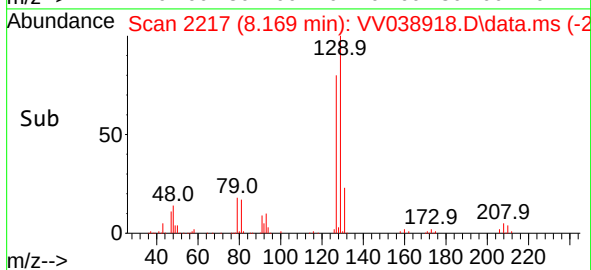
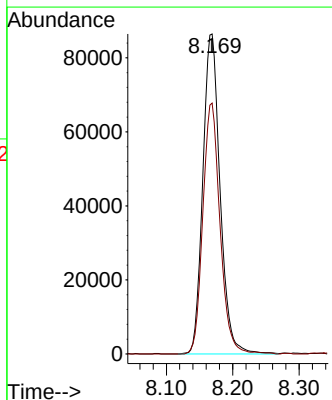
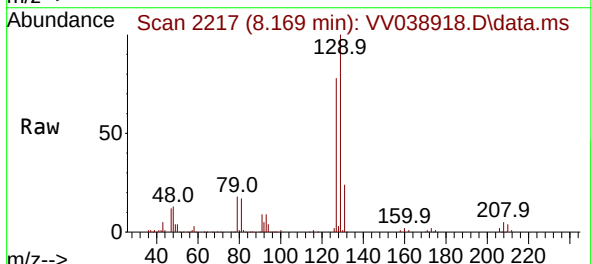
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

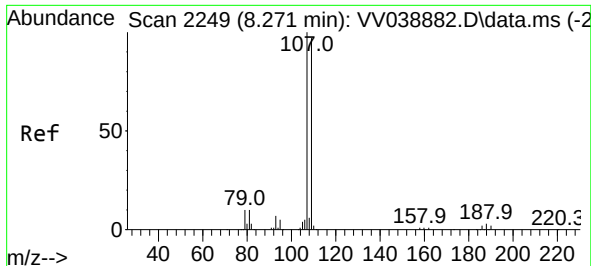
Tgt Ion: 43 Resp: 658037
Ion Ratio Lower Upper
43 100
58 58.6 29.6 88.8



#60
Dibromochloromethane
Concen: 17.109 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 129 Resp: 156613
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2

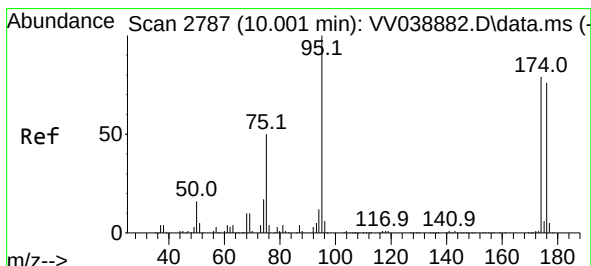
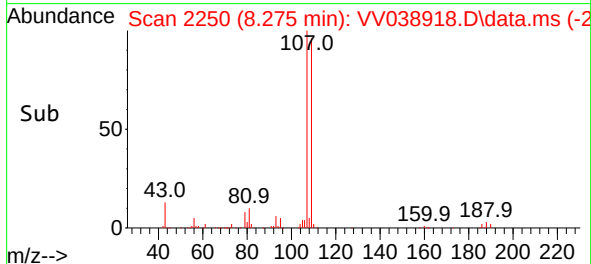
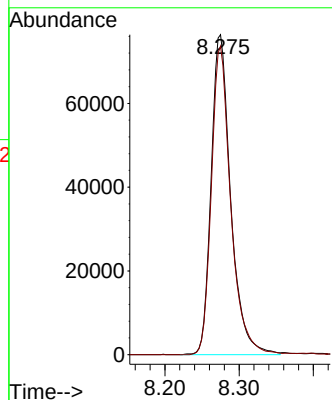
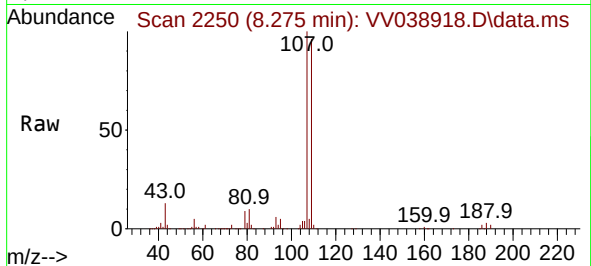




#61
1,2-Dibromoethane
Concen: 17.856 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

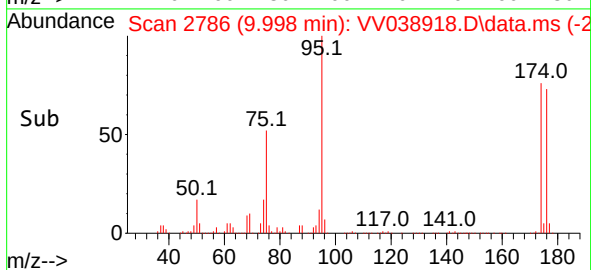
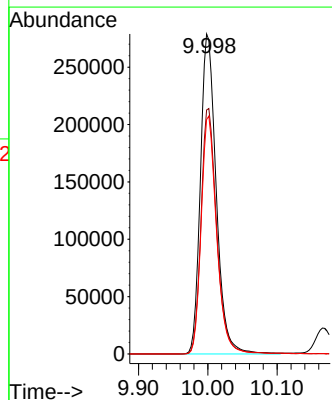
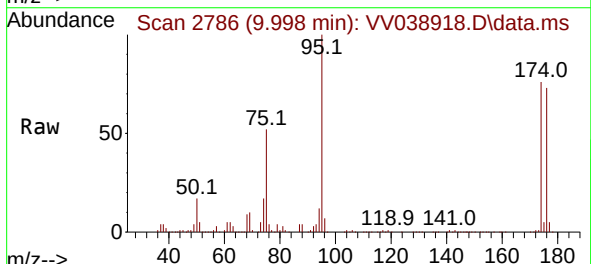
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

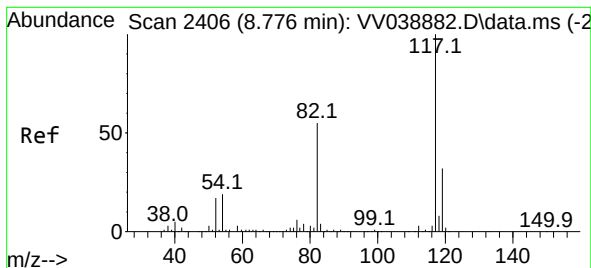
Tgt Ion:107 Resp: 139832
Ion Ratio Lower Upper
107 100
109 95.4 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 54.739 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 95 Resp: 441665
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.0
176 72.8 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: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

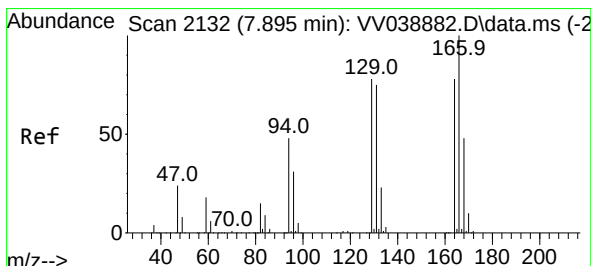
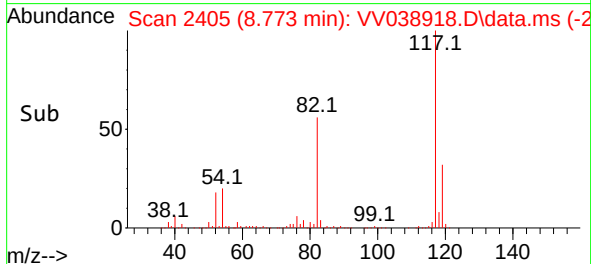
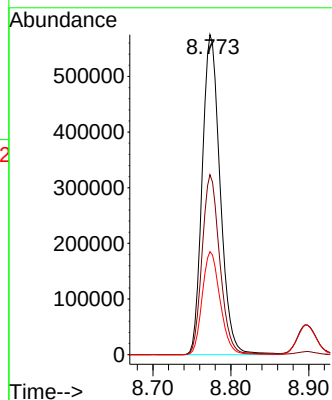
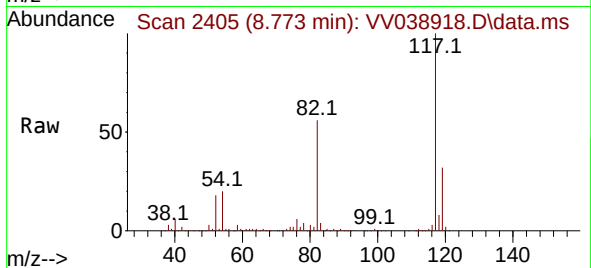
Tgt Ion:117 Resp: 919875

Ion Ratio Lower Upper

117 100

82 56.2 43.7 65.5

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 18.670 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Tgt Ion:164 Resp: 112635

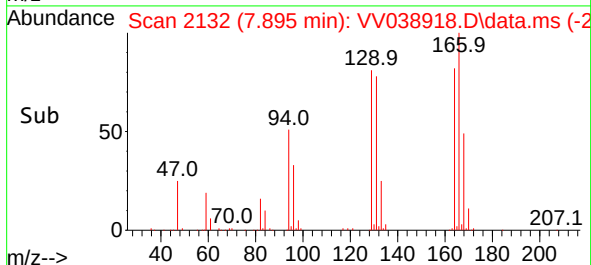
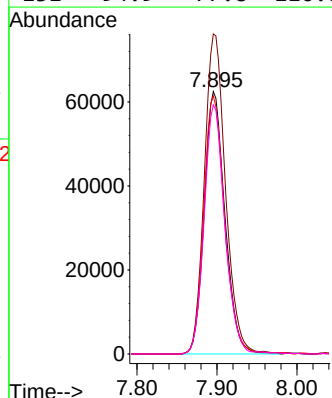
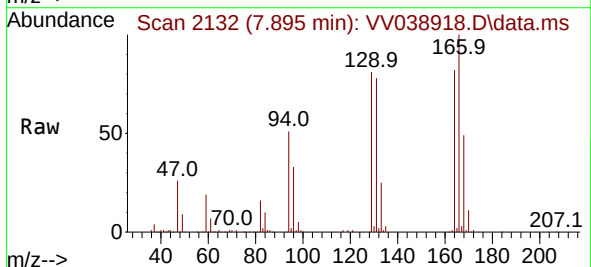
Ion Ratio Lower Upper

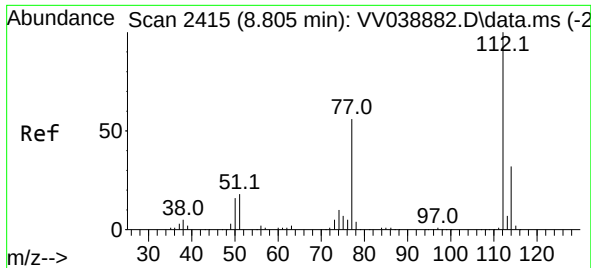
164 100

166 121.9 103.2 154.8

129 98.3 81.0 121.4

131 94.9 77.8 116.8

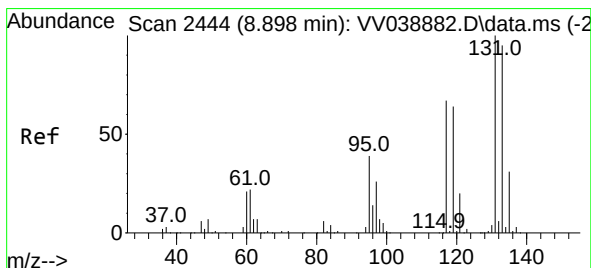
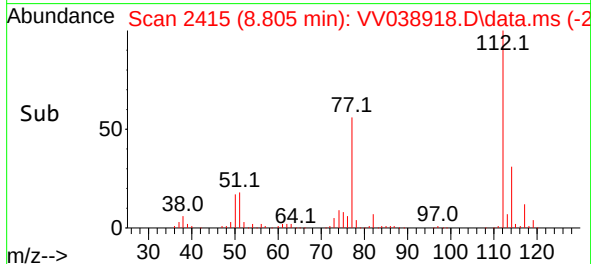
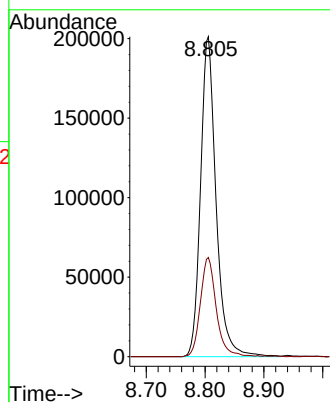
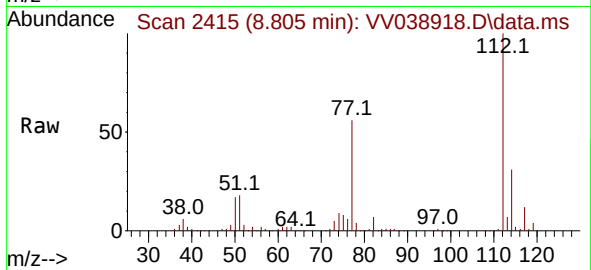




#65
Chlorobenzene
Concen: 18.307 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

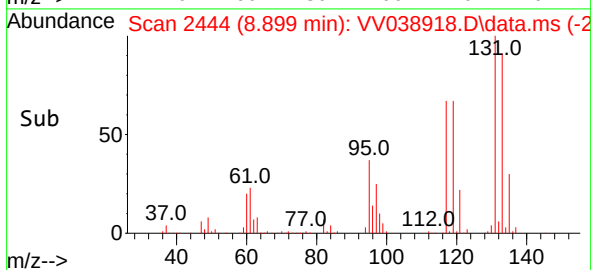
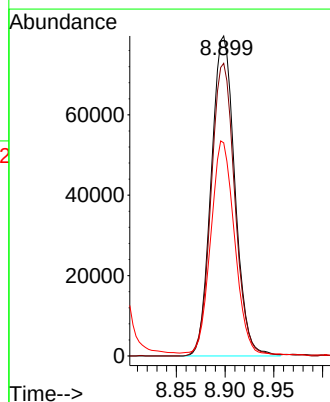
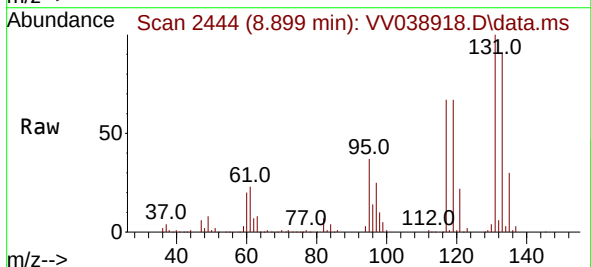
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

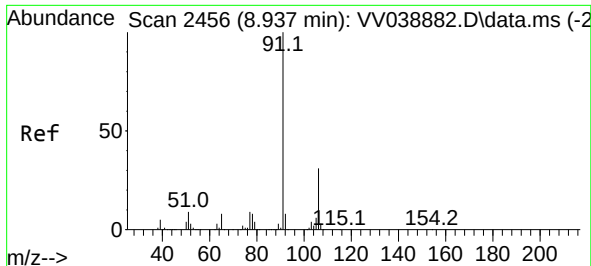
Tgt Ion:112 Resp: 367970
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 16.743 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion:131 Resp: 134204
Ion Ratio Lower Upper
131 100
133 92.1 47.6 142.9
119 68.4 32.0 96.2





#67

Ethyl Benzene

Concen: 19.508 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

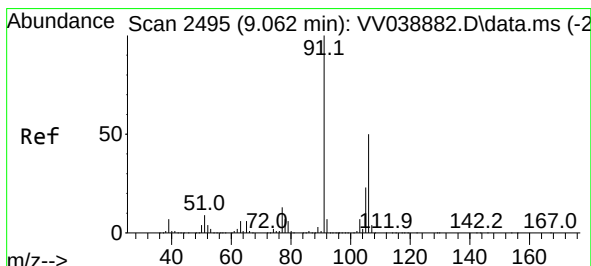
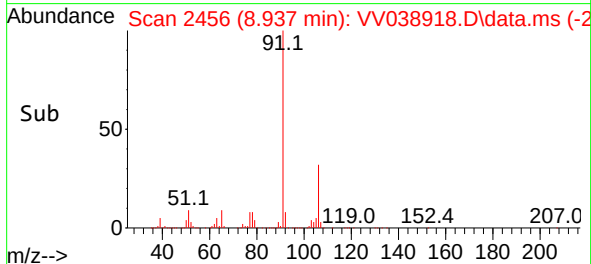
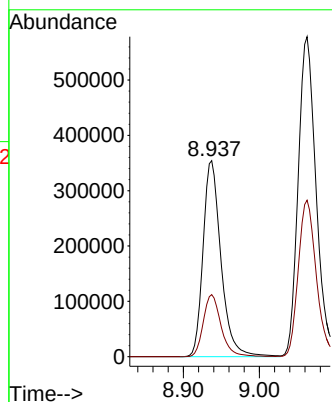
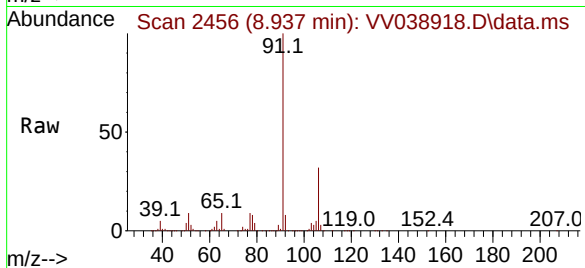
VV0718WBS01

Tgt Ion: 91 Resp: 582224

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 40.165 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038918.D

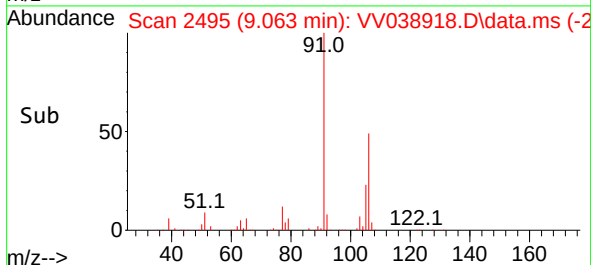
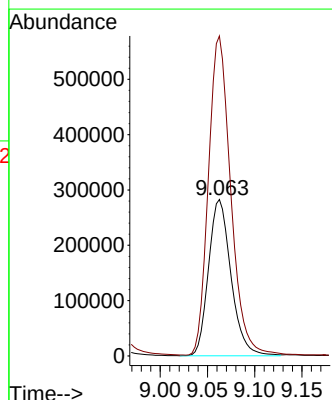
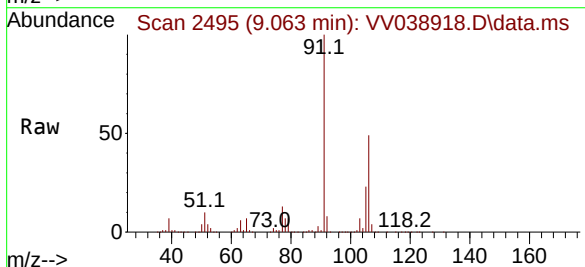
Acq: 18 Jul 2025 13:44

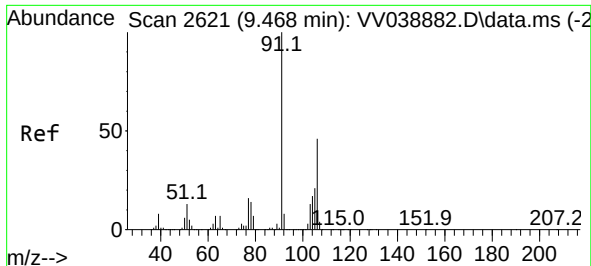
Tgt Ion: 106 Resp: 466704

Ion Ratio Lower Upper

106 100

91 204.4 161.0 241.6

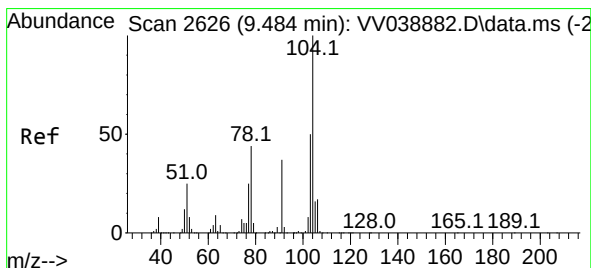
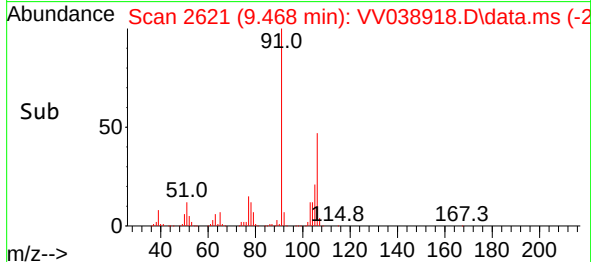
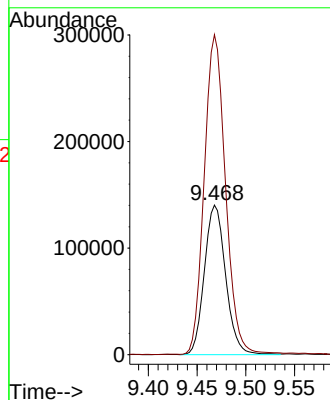
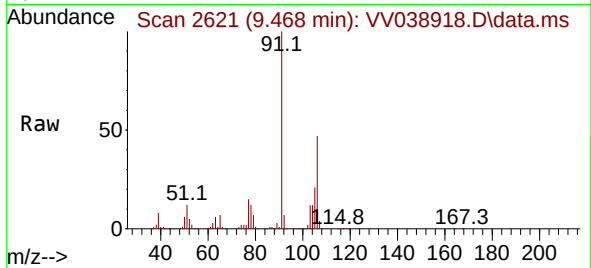




#69
o-Xylene
Concen: 19.463 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

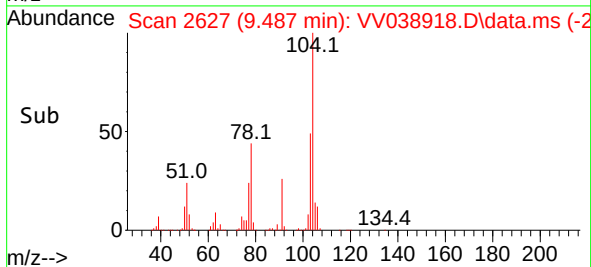
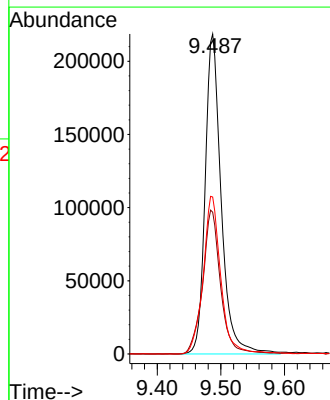
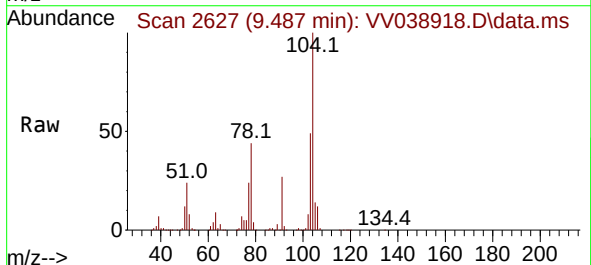
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

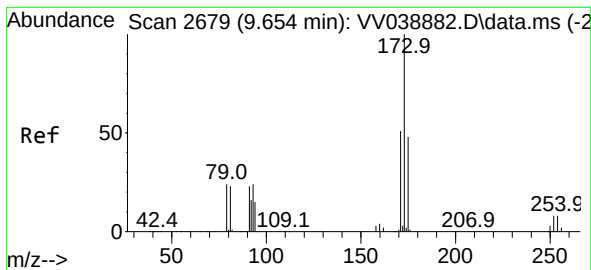
Tgt Ion:106 Resp: 213458
Ion Ratio Lower Upper
106 100
91 213.3 108.9 326.6



#70
Styrene
Concen: 19.735 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion:104 Resp: 382538
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 53.6 43.4 65.2





#71

Bromoform

Concen: 16.749 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

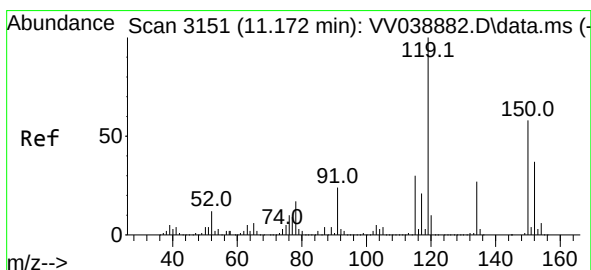
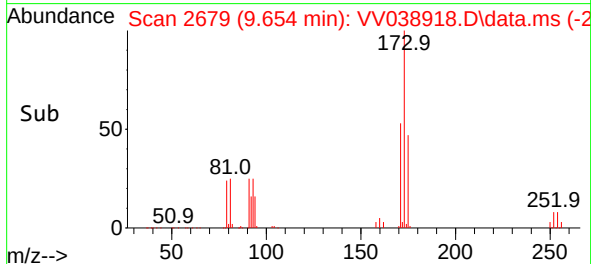
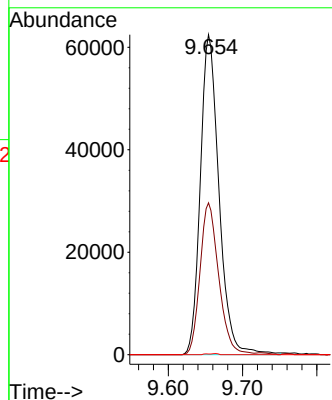
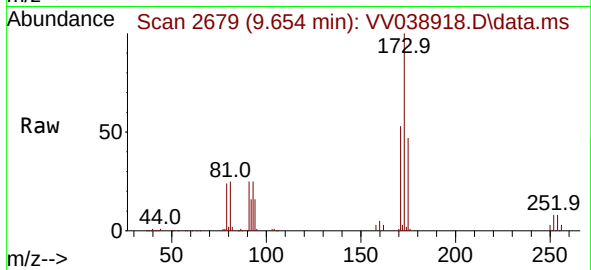
Tgt Ion:173 Resp: 109123

Ion Ratio Lower Upper

173 100

175 47.4 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: VV038918.D

Acq: 18 Jul 2025 13:44

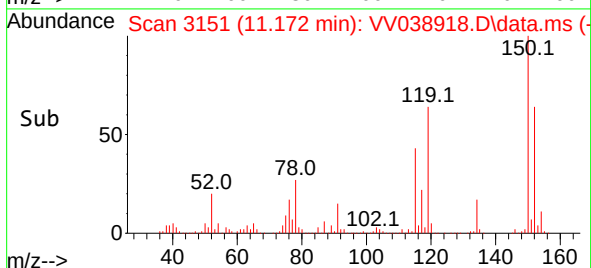
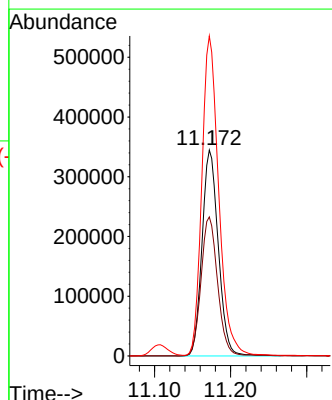
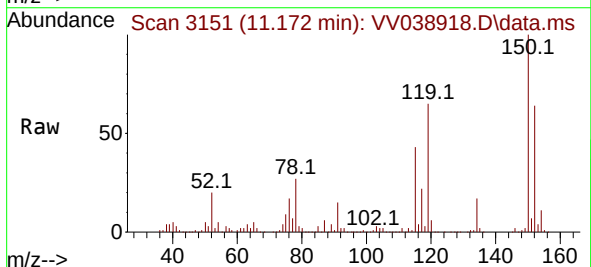
Tgt Ion:152 Resp: 512293

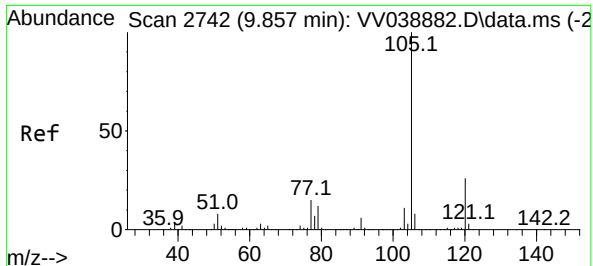
Ion Ratio Lower Upper

152 100

115 68.9 41.8 125.4

150 161.5 0.0 342.4

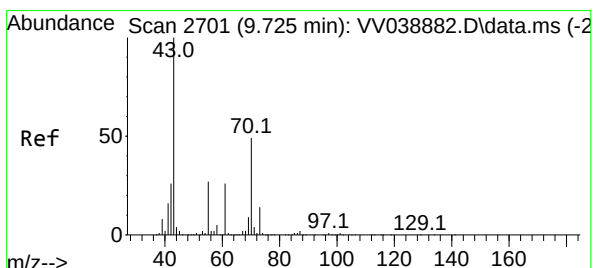
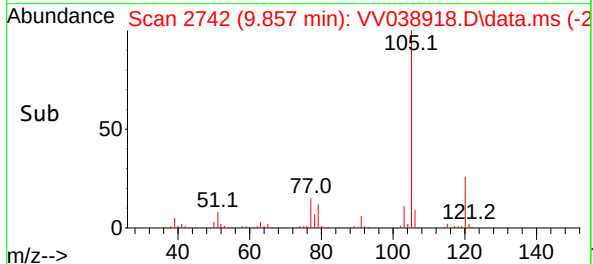
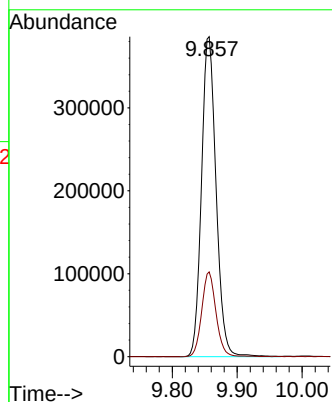
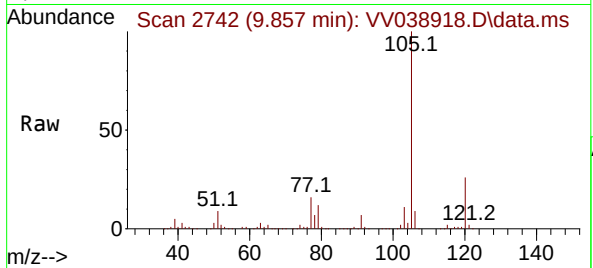




#73
Isopropylbenzene
Concen: 19.716 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

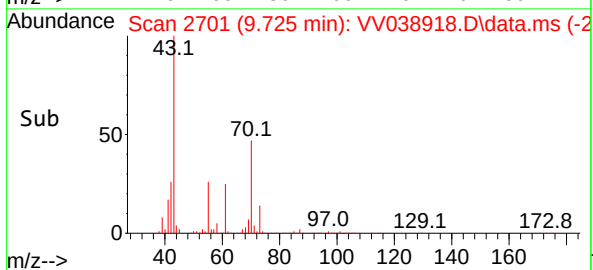
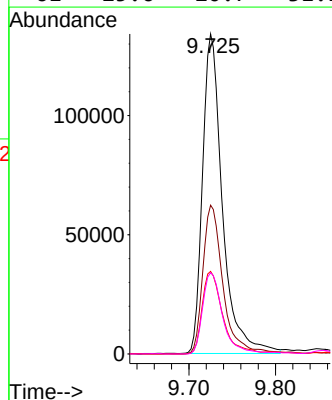
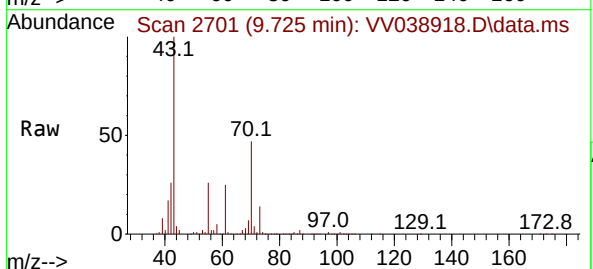
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

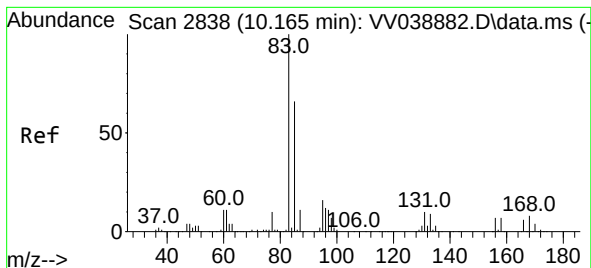
Tgt Ion:105 Resp: 603511
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7



#74
N-ethyl acetate
Concen: 19.053 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 43 Resp: 213636
Ion Ratio Lower Upper
43 100
70 47.2 38.6 58.0
55 26.5 21.8 32.8
61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.432 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

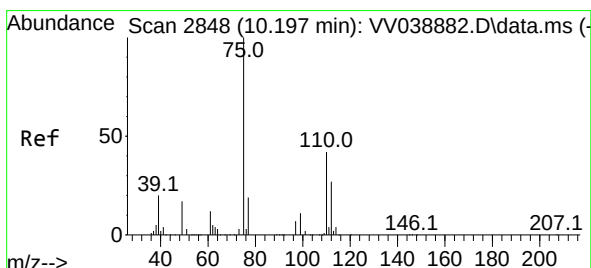
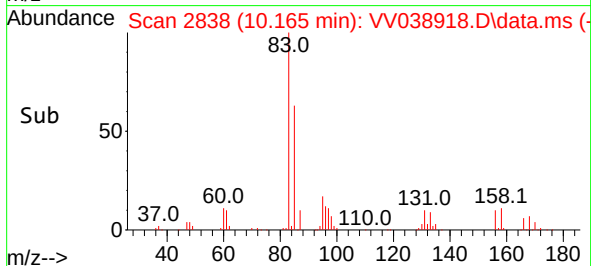
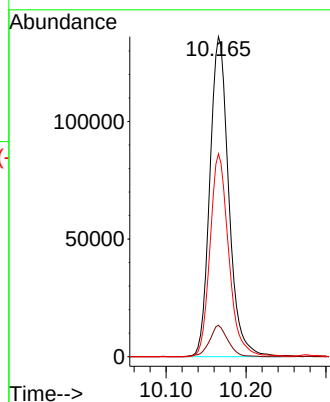
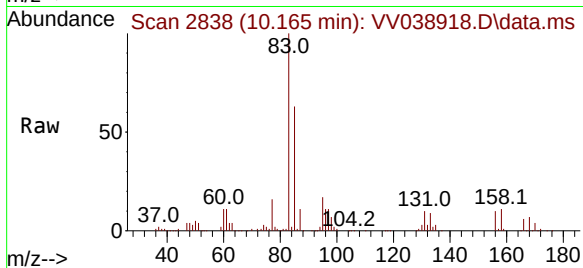
Tgt Ion: 83 Resp: 223505

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.4

85 62.8 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 16.718 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038918.D

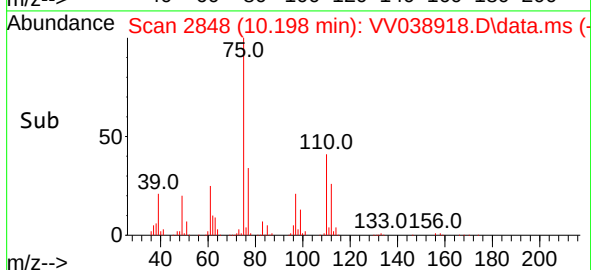
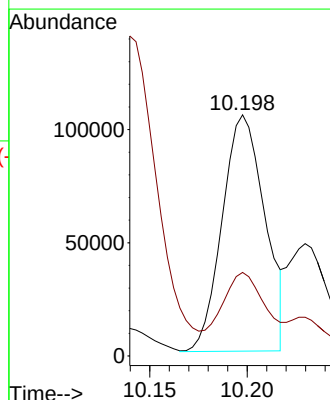
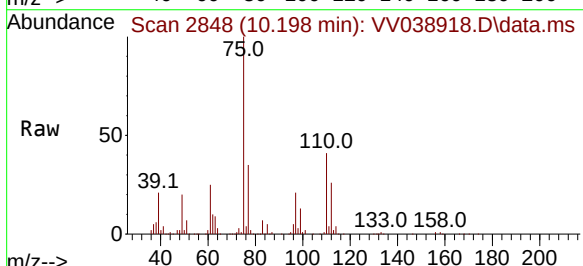
Acq: 18 Jul 2025 13:44

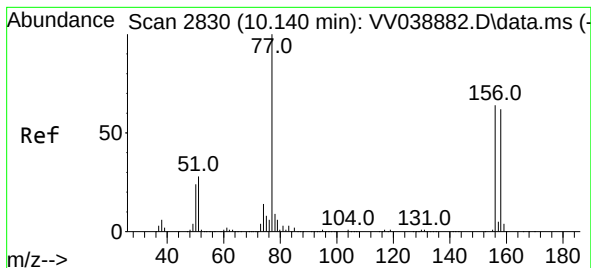
Tgt Ion: 75 Resp: 159239

Ion Ratio Lower Upper

75 100

77 21.4 17.4 52.3





#77

Bromobenzene

Concen: 18.297 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

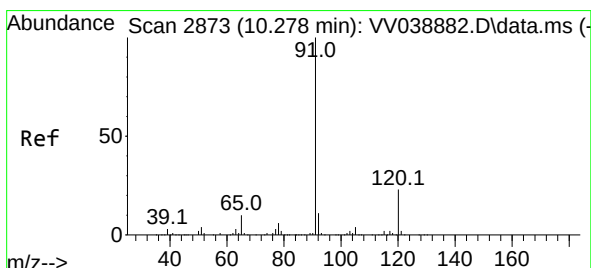
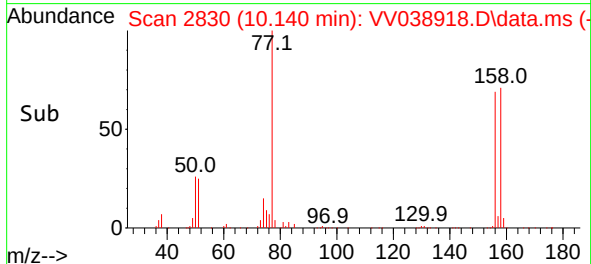
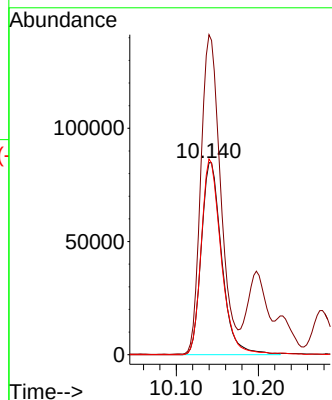
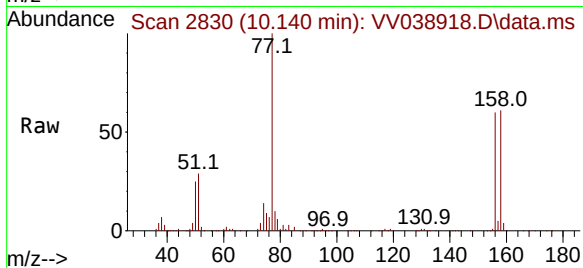
Tgt Ion:156 Resp: 146917

Ion Ratio Lower Upper

156 100

77 159.5 77.2 231.6

158 99.2 48.4 145.3



#78

n-propylbenzene

Concen: 20.218 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038918.D

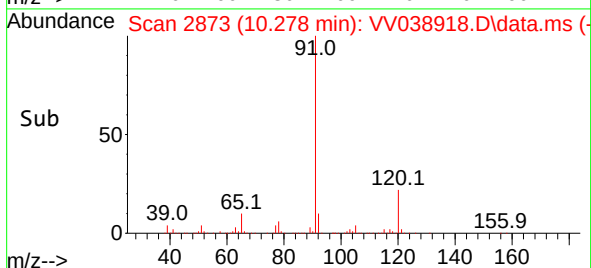
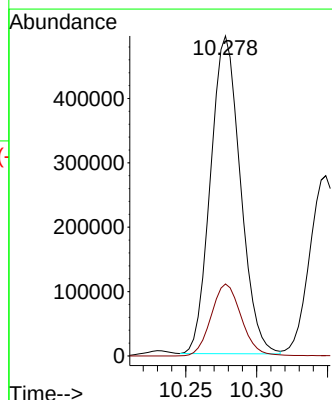
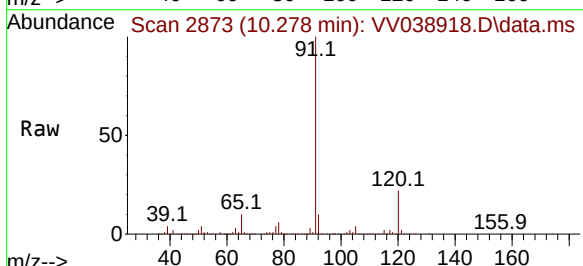
Acq: 18 Jul 2025 13:44

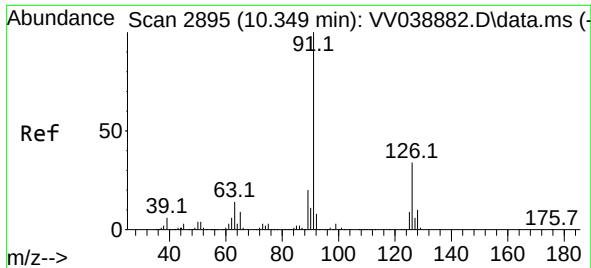
Tgt Ion: 91 Resp: 723307

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

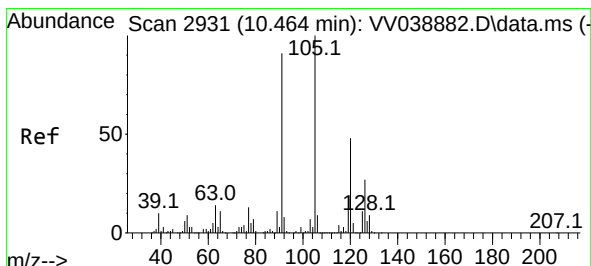
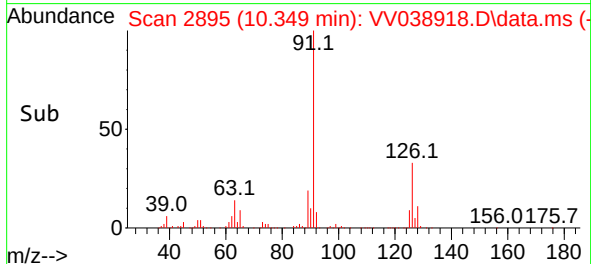
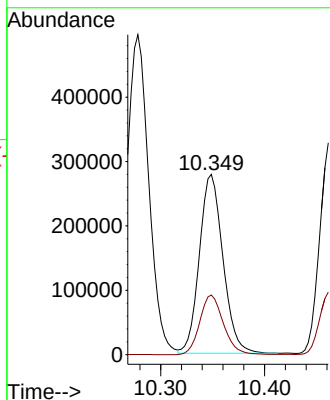
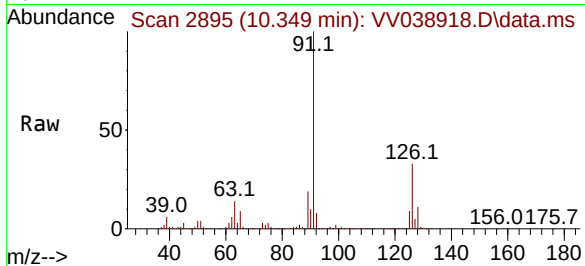




#79
2-Chlorotoluene
Concen: 19.236 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

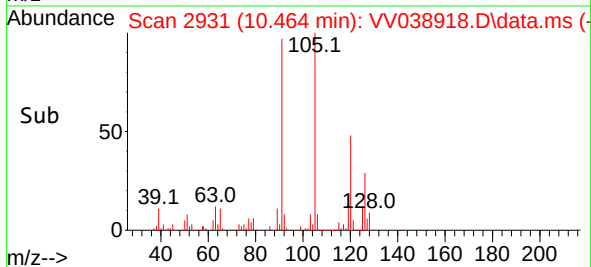
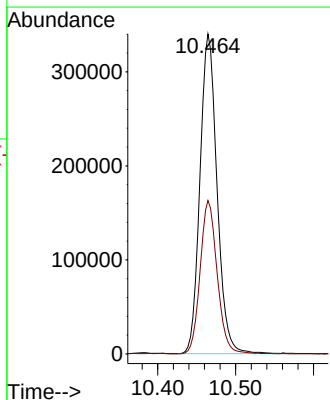
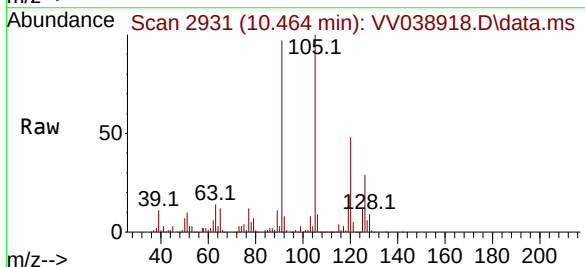
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

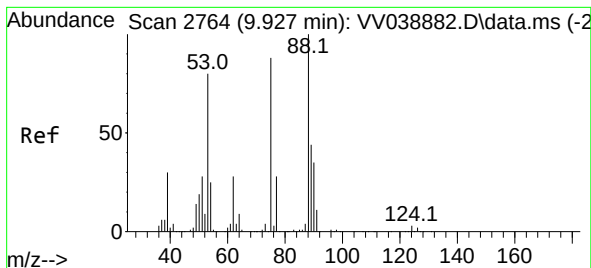
Tgt Ion: 91 Resp: 437663
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.017 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 105 Resp: 516700
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

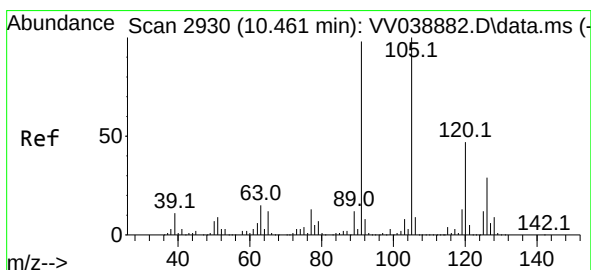
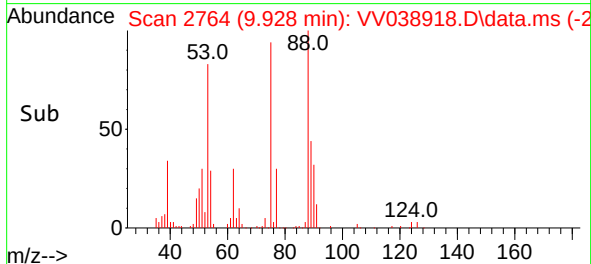
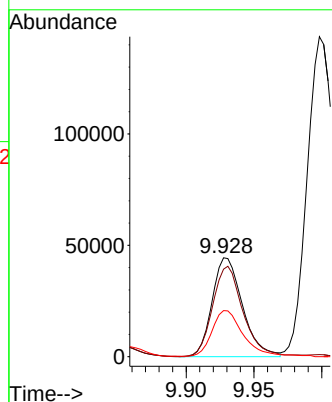
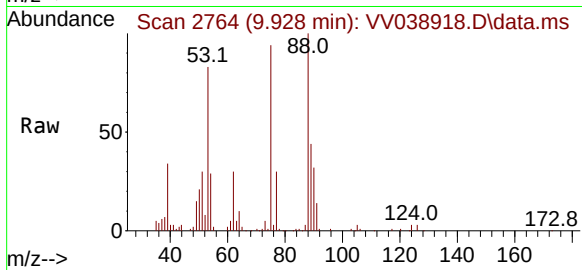




#81
trans-1,4-Dichloro-2-butene
Concen: 17.717 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

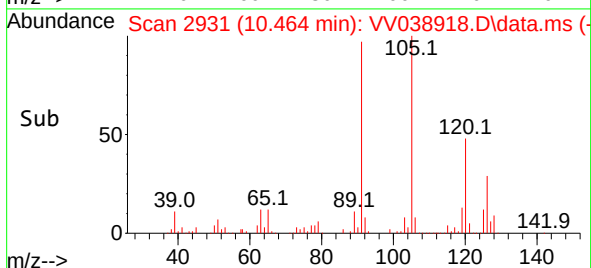
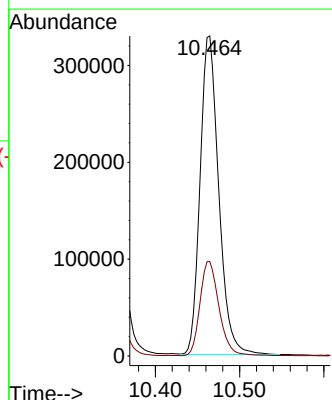
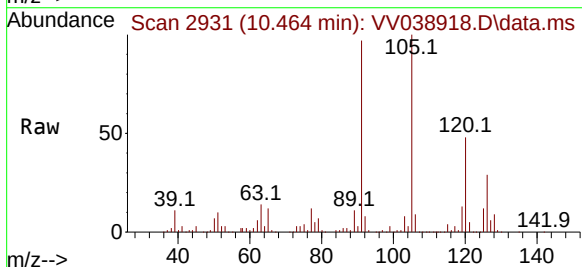
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBS01

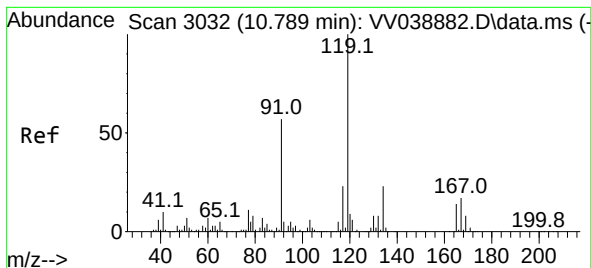
Tgt Ion: 75 Resp: 69153
Ion Ratio Lower Upper
75 100
53 91.5 71.3 106.9
89 48.6 42.2 63.2



#82
4-Chlorotoluene
Concen: 19.924 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038918.D
Acq: 18 Jul 2025 13:44

Tgt Ion: 91 Resp: 506716
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.9





#83

tert-Butylbenzene

Concen: 18.534 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

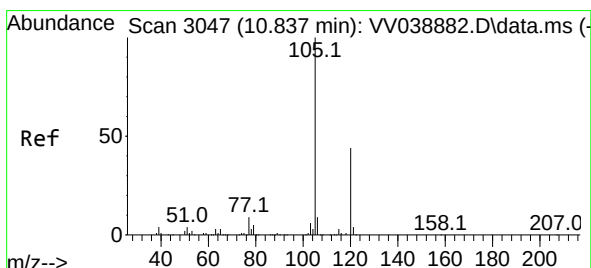
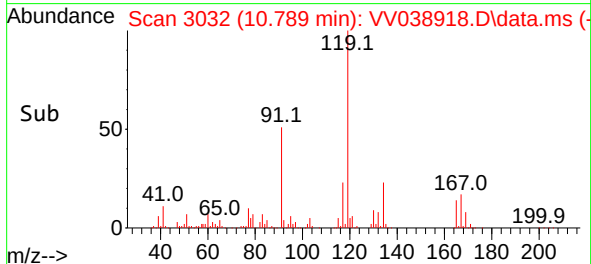
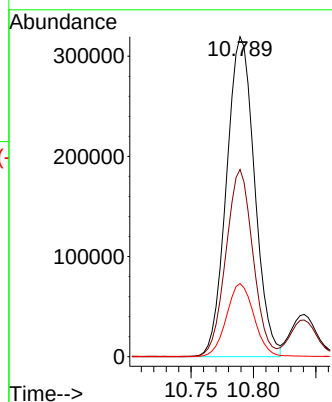
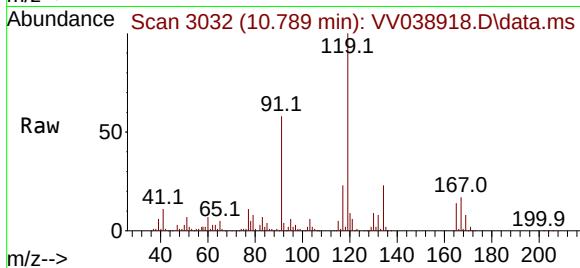
Tgt Ion:119 Resp: 501604

Ion Ratio Lower Upper

119 100

91 56.2 28.1 84.2

134 22.6 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 20.088 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038918.D

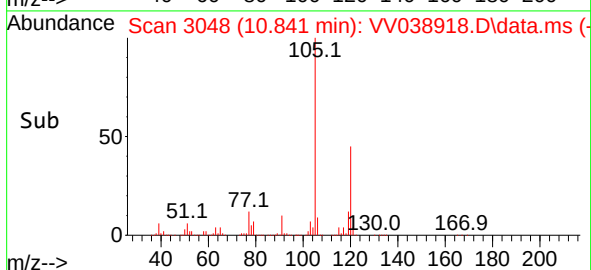
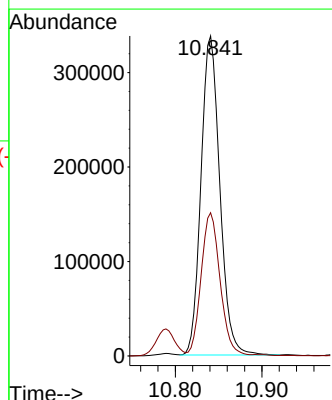
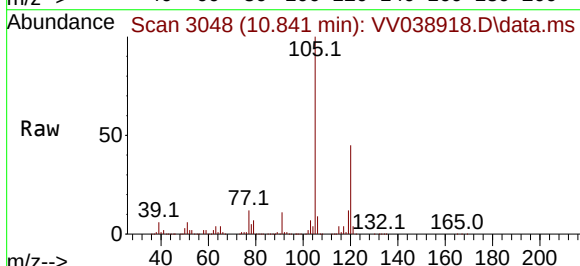
Acq: 18 Jul 2025 13:44

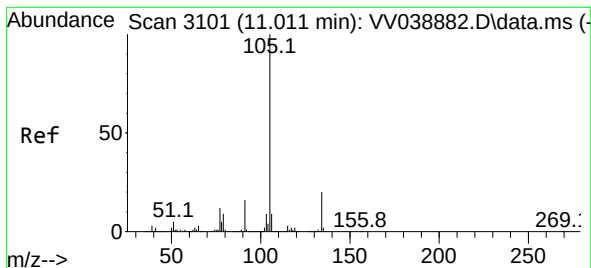
Tgt Ion:105 Resp: 510227

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.267 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

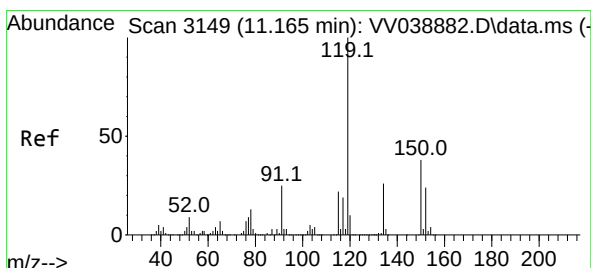
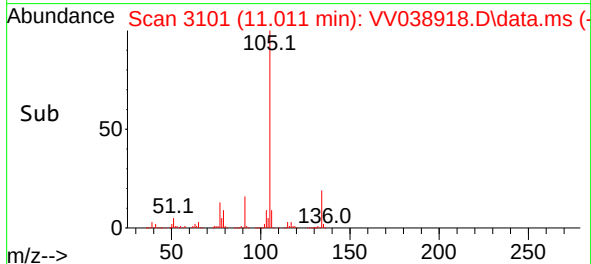
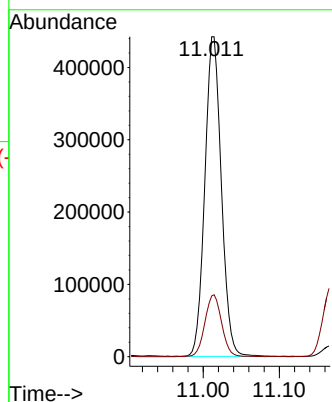
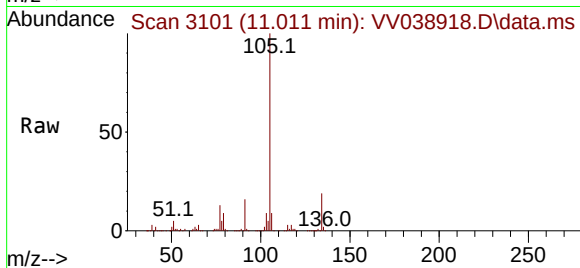
VV0718WBS01

Tgt Ion:105 Resp: 665506

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.293 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

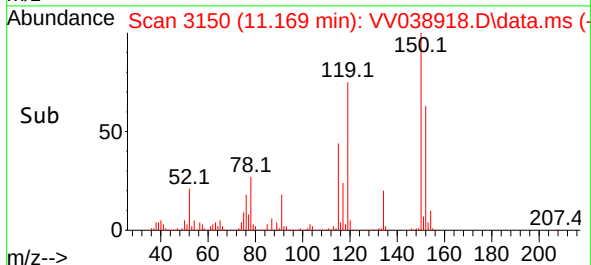
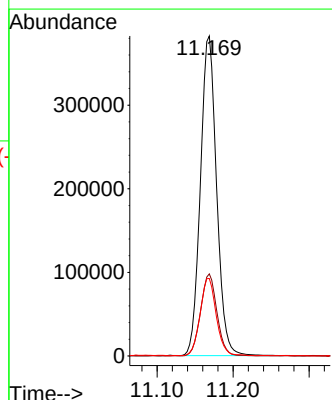
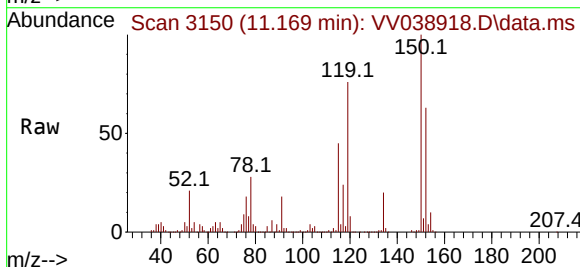
Tgt Ion:119 Resp: 565803

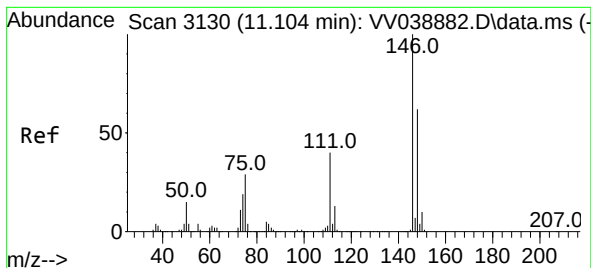
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.1 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 18.172 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

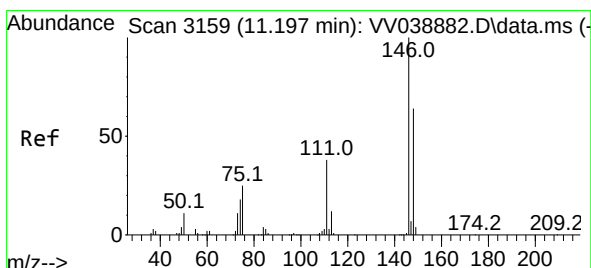
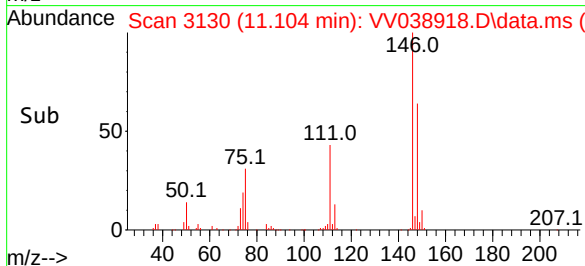
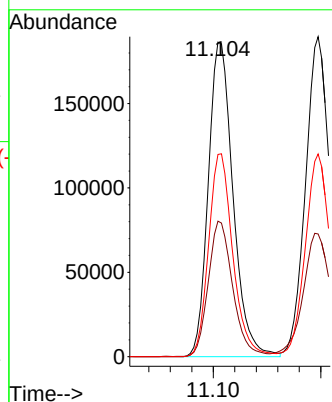
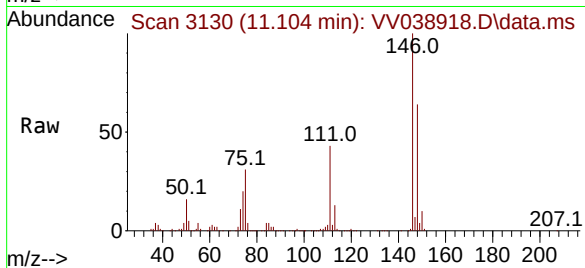
Tgt Ion:146 Resp: 297831

Ion Ratio Lower Upper

146 100

111 42.4 20.2 60.5

148 63.3 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 17.348 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

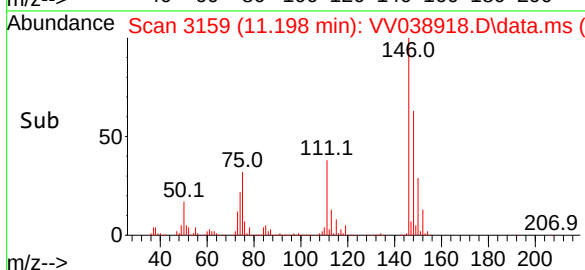
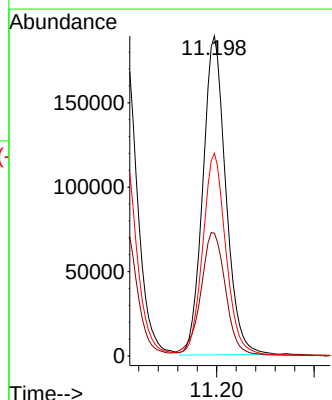
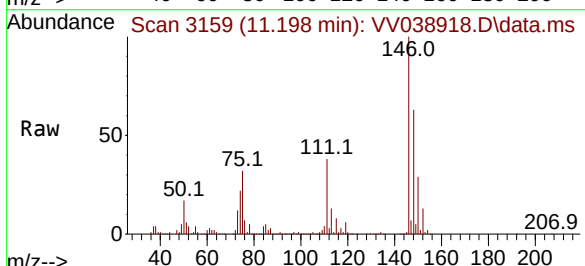
Tgt Ion:146 Resp: 309287

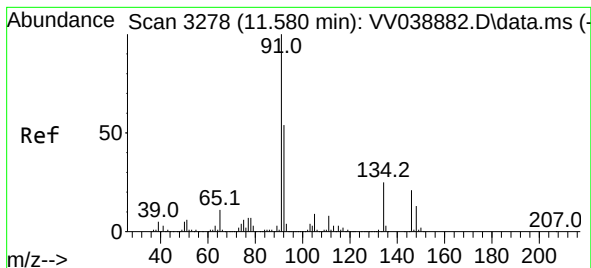
Ion Ratio Lower Upper

146 100

111 41.8 19.8 59.3

148 65.7 32.1 96.5





#89

n-Butylbenzene

Concen: 19.525 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

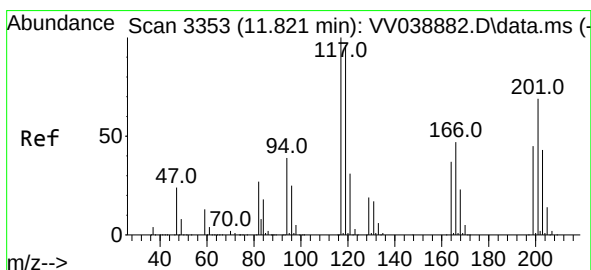
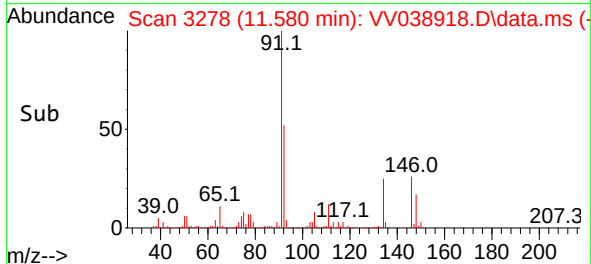
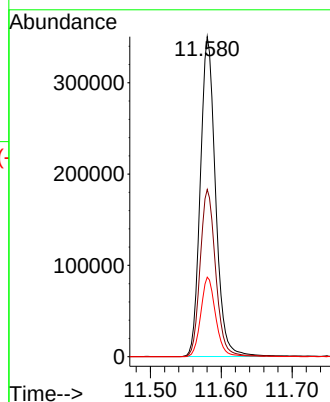
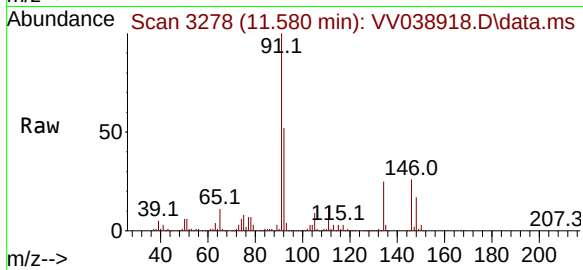
Tgt Ion: 91 Resp: 522727

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.1

134 24.6 12.7 38.1



#90

Hexachloroethane

Concen: 16.550 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038918.D

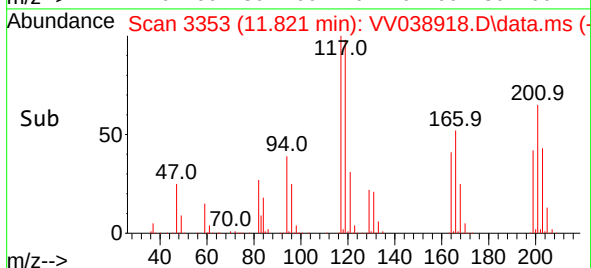
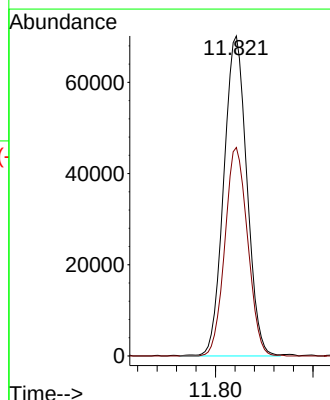
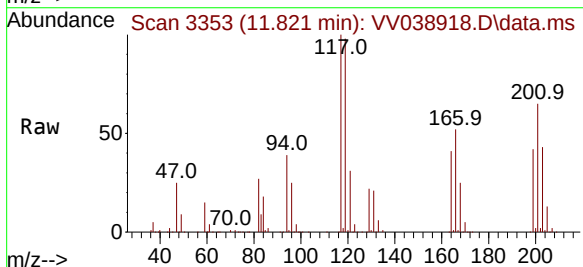
Acq: 18 Jul 2025 13:44

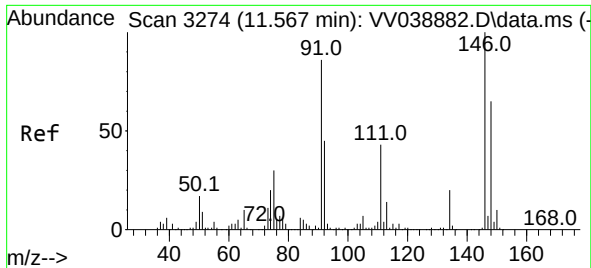
Tgt Ion: 117 Resp: 115437

Ion Ratio Lower Upper

117 100

201 64.2 34.0 102.0

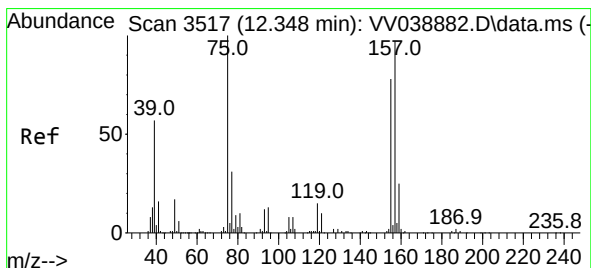
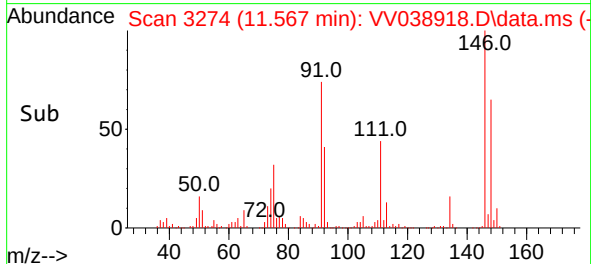
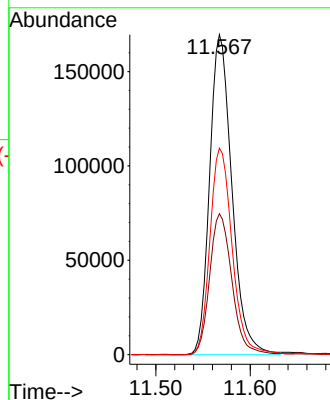
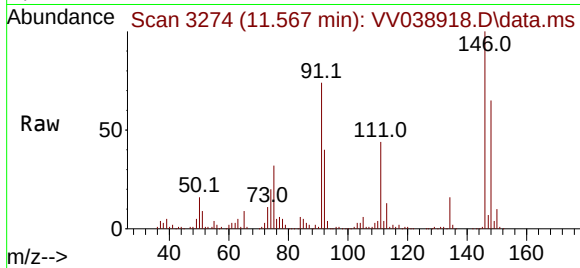




#91
 1,2-Dichlorobenzene
 Concen: 17.458 ug/l
 RT: 11.567 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

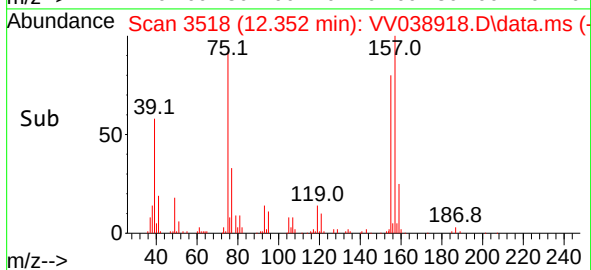
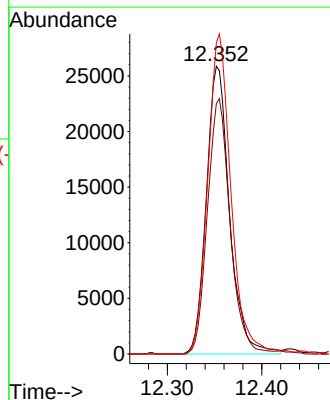
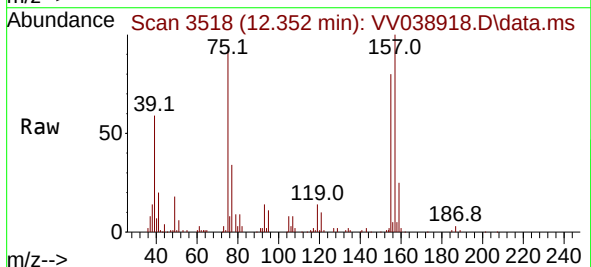
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBS01

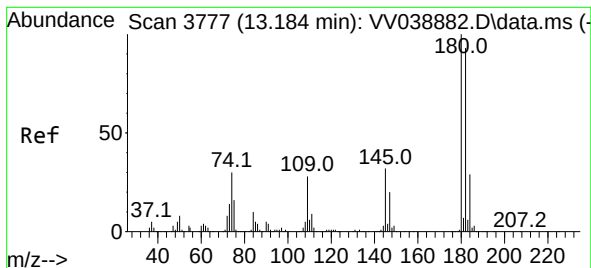
Tgt Ion:146 Resp: 277761
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.4 64.3
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.256 ug/l
 RT: 12.352 min Scan# 3518
 Delta R.T. 0.003 min
 Lab File: VV038918.D
 Acq: 18 Jul 2025 13:44

Tgt Ion: 75 Resp: 44224
 Ion Ratio Lower Upper
 75 100
 155 86.5 40.2 120.6
 157 111.5 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 18.588 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

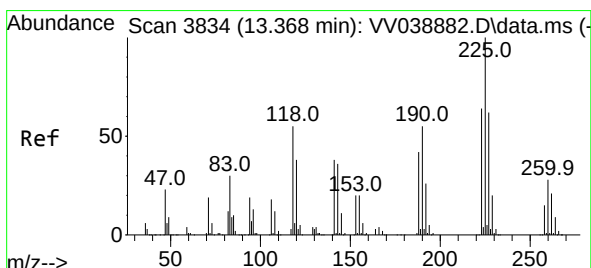
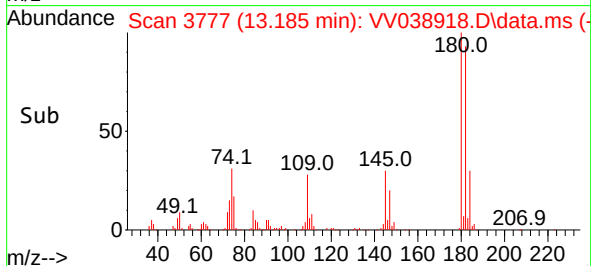
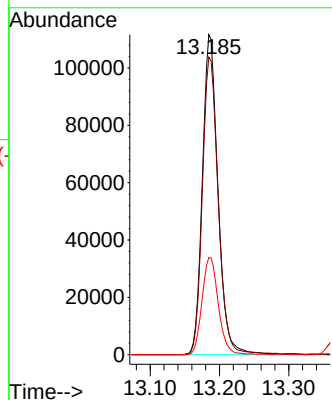
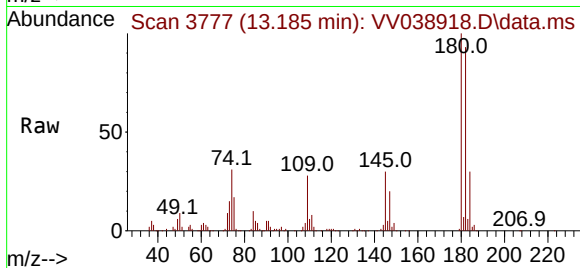
Tgt Ion:180 Resp: 174571

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.3

145 31.7 16.2 48.6



#94

Hexachlorobutadiene

Concen: 16.435 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

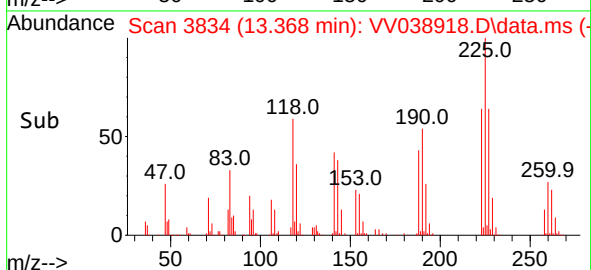
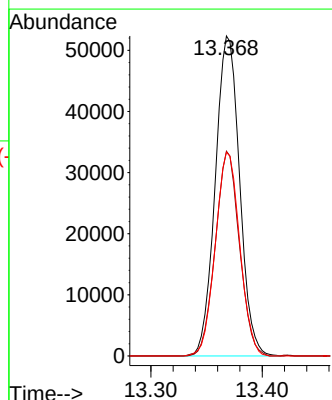
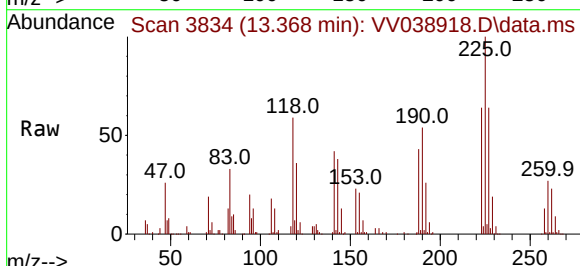
Tgt Ion:225 Resp: 79488

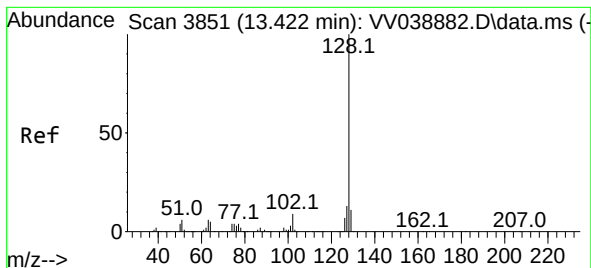
Ion Ratio Lower Upper

225 100

223 63.3 32.4 97.2

227 63.8 31.3 93.9





#95

Naphthalene

Concen: 18.249 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBS01

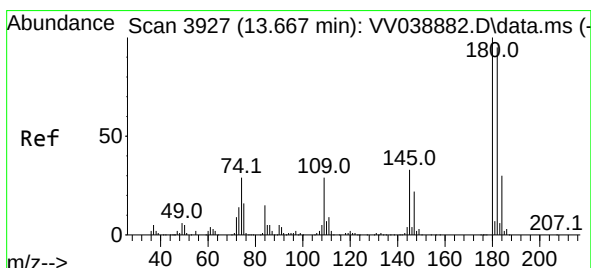
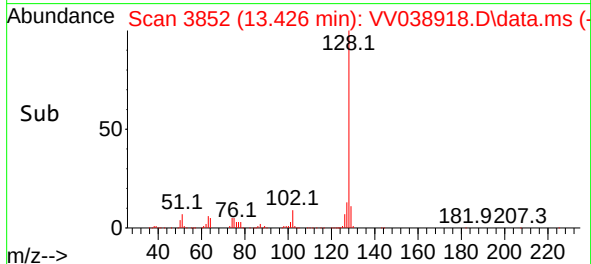
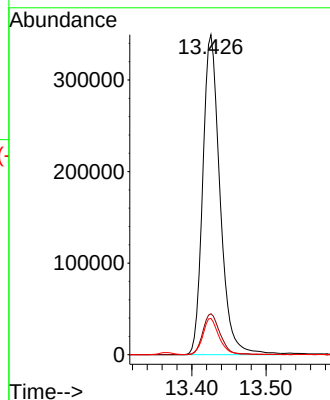
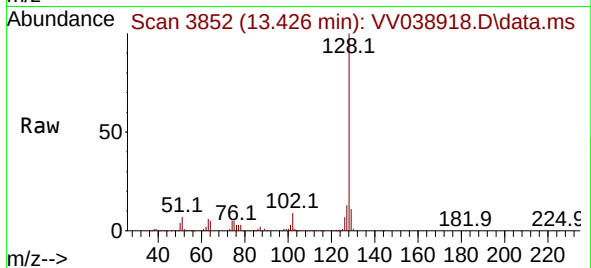
Tgt Ion:128 Resp: 563097

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.463 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038918.D

Acq: 18 Jul 2025 13:44

Tgt Ion:180 Resp: 179727

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 34.1 17.0 51.0

