

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027902.D
 Acq On : 17 Sep 2022 15:30
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	209930	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	207235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	119906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	322984	19.274	ug/L	0.01
7) Chloroethane-d5	1.568	69	226412	19.112	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	511346	19.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 387.800%#	
20) 2-Butanone-d5	3.880	46	562058	211.503	ug/L	-0.06
24) Chloroform-d	4.343	84	600793	19.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	296275	19.127	ug/L	0.00
32) Benzene-d6	5.044	84	1116602	19.539	ug/L	0.01
36) 1,2-Dichloropropane-d6	6.063	67	287902	19.281	ug/L	0.01
41) Toluene-d8	7.310	98	1041299	19.682	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.616	79	132513	20.733	ug/L	-0.02
46) 2-Hexanone-d5	8.085	63	494056	233.068	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.214	84	201686	19.526	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	395107	18.822	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	331965	19.703	ug/L	99
3) Chloromethane	1.240	50	266233	19.984	ug/L	98
5) Vinyl chloride	1.311	62	299761	19.895	ug/L	99
6) Bromomethane	1.523	94	165928	20.437	ug/L	97
8) Chloroethane	1.584	64	168172	19.570	ug/L	98
9) Trichlorofluoromethane	1.751	101	502195	20.022	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	246475	20.448	ug/L	93
12) 1,1-Dichloroethene	2.118	96	227087	19.740	ug/L	90
13) Acetone	2.179	43	337940	190.439	ug/L	85
14) Carbon disulfide	2.291	76	566820	20.413	ug/L	99
15) Methyl Acetate	2.433	43	80586	20.038	ug/L #	83
16) Methylene chloride	2.503	84	268991	18.076	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	631040	21.303	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	261323	20.156	ug/L	92
19) 1,1-Dichloroethane	3.185	63	488867	20.144	ug/L	99
21) 2-Butanone	3.963	43	529436	221.289	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	306061	20.982	ug/L #	88
23) Bromochloromethane	4.243	128	130250	19.544	ug/L #	82
25) Chloroform	4.368	83	569343	19.558	ug/L	100
27) 1,2-Dichloroethane	5.124	62	337585	20.501	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	541219	19.981	ug/L	97
30) Cyclohexane	4.674	56	361914	21.782	ug/L	93
31) Carbon tetrachloride	4.825	117	480311	20.009	ug/L	98
33) Benzene	5.095	78	1097741	20.320	ug/L	100
34) Trichloroethene	5.908	95	291691	19.986	ug/L	96
35) Methylcyclohexane	6.127	83	437382	21.643	ug/L	93
37) 1,2-Dichloropropane	6.169	63	249488	20.508	ug/L	99
38) Bromodichloromethane	6.503	83	383441	20.198	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	411832	22.498	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1274101	215.547	ug/L #	92
42) Toluene	7.384	91	1221875	20.599	ug/L	99

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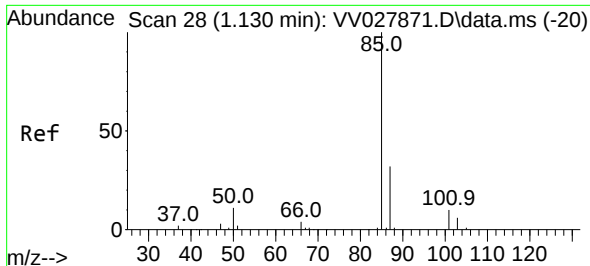
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

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

44) trans-1,3-Dichloropropene	7.645	75	355624	21.987	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	190392	20.151	ug/L	96
47) Tetrachloroethene	7.973	164	247066	20.263	ug/L	98
48) 2-Hexanone	8.137	43	906343	213.671	ug/L #	93
49) Dibromochloromethane	8.243	129	252234	20.353	ug/L	98
50) 1,2-Dibromoethane	8.349	107	168212	19.856	ug/L	97
51) Chlorobenzene	8.876	112	815023	20.076	ug/L	99
52) Ethylbenzene	9.008	91	1391552	21.555	ug/L	100
53) m,p-Xylene	9.133	106	551373	21.560	ug/L	100
54) o-Xylene	9.539	106	536064	21.576	ug/L	97
55) Styrene	9.558	104	932062	21.707	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	198781	20.499	ug/L	99
59) Bromoform	9.728	173	137578	19.366	ug/L #	99
60) Isopropylbenzene	9.928	105	1476755	21.099	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	155506	18.886	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	449505	21.929	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1301776	22.591	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	718355	20.214	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	714833	19.849	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	649604	19.854	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	37802	21.524	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	607327	21.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	491713	21.688	ug/L	99
71) Naphthalene	13.500	128	689185	21.868	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	426949	22.120	ug/L	100

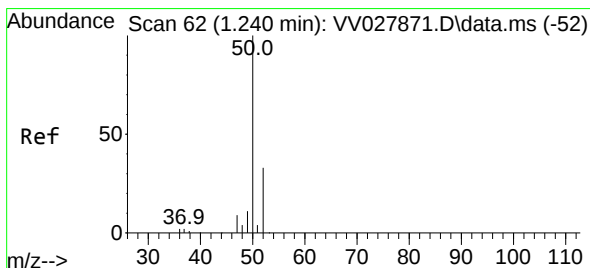
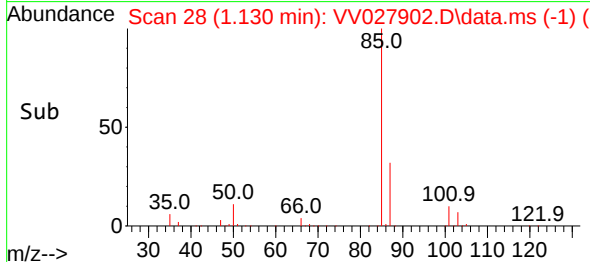
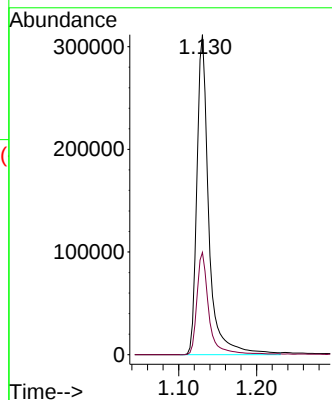
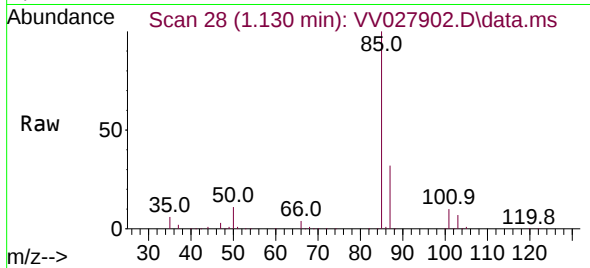
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 19.703 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.007 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

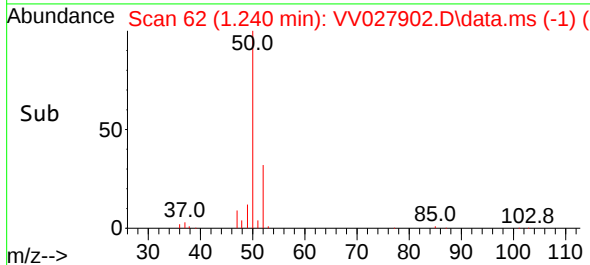
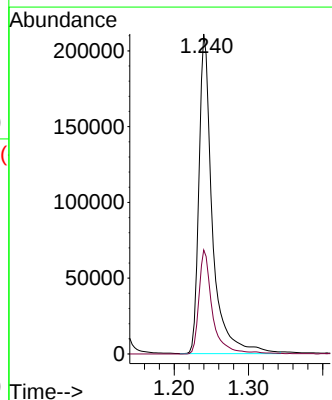
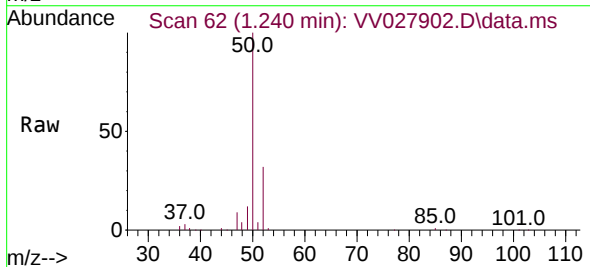
Instrument :
 MSVOA_V
 ClientSampleId :

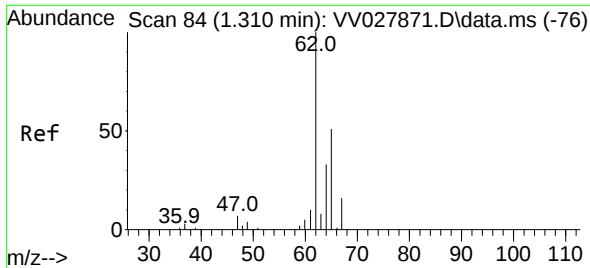
Tgt Ion: 85 Resp: 331965
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.0



#3
 Chloromethane
 Concen: 19.984 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

Tgt Ion: 50 Resp: 266233
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.1 41.1

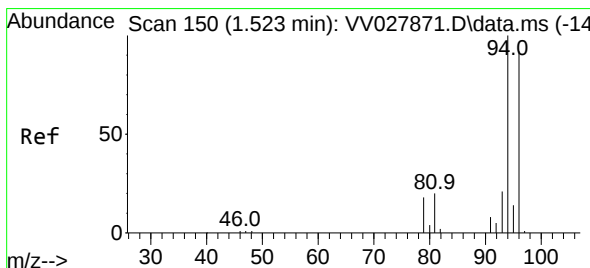
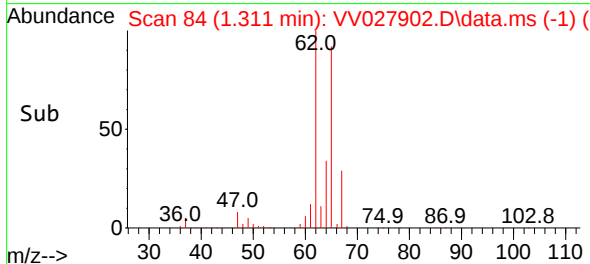
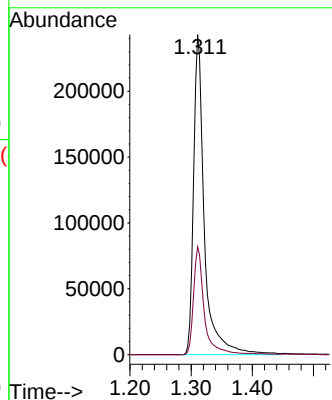
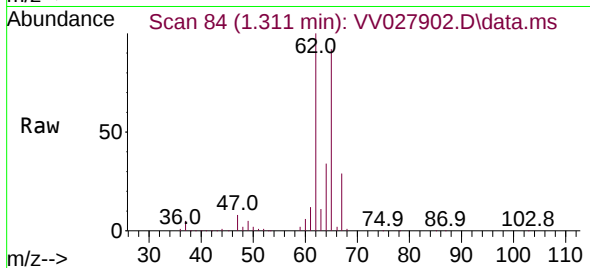




#5
 Vinyl chloride
 Concen: 19.895 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.010 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

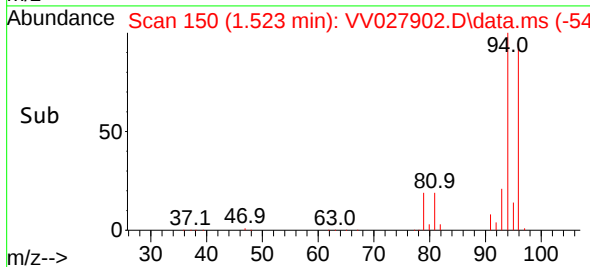
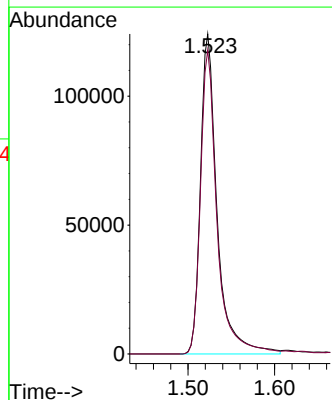
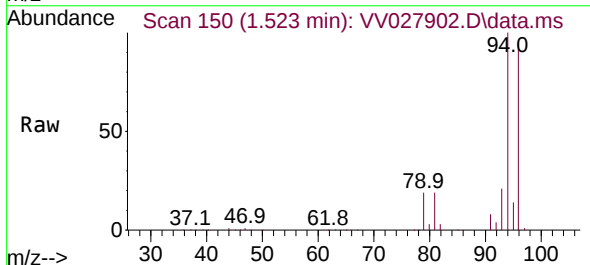
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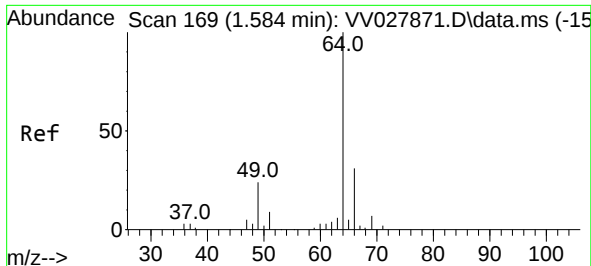
Tgt Ion: 62 Resp: 299761
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.2



#6
 Bromomethane
 Concen: 20.437 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.010 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

Tgt Ion: 94 Resp: 165928
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.2 119.2

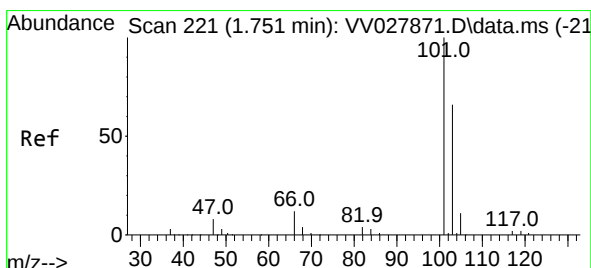
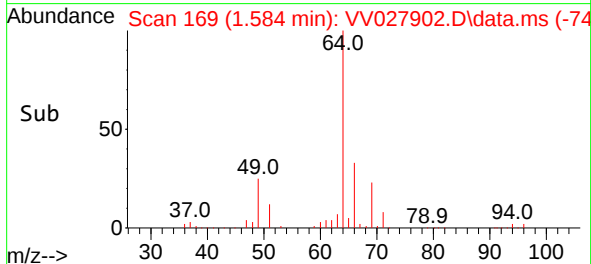
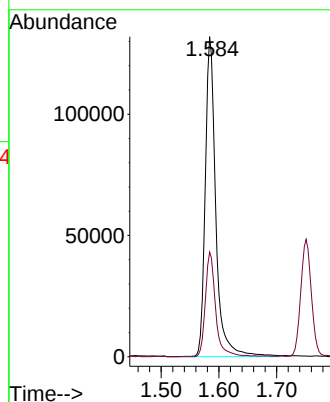
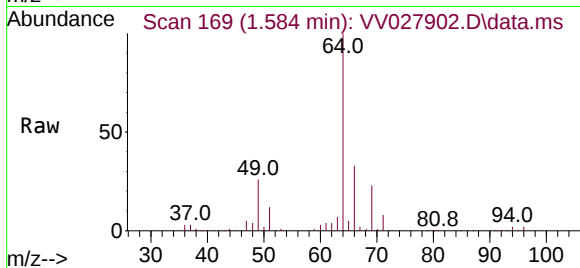




#8
Chloroethane
Concen: 19.570 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.007 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

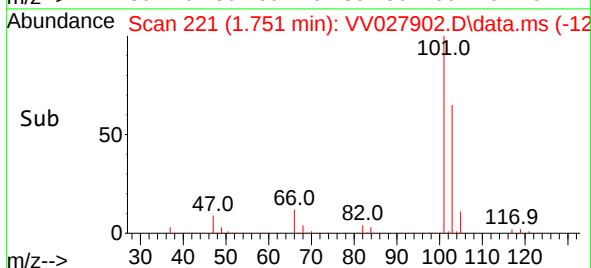
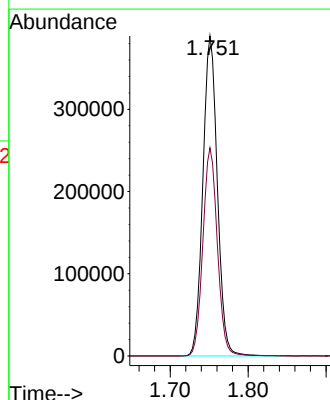
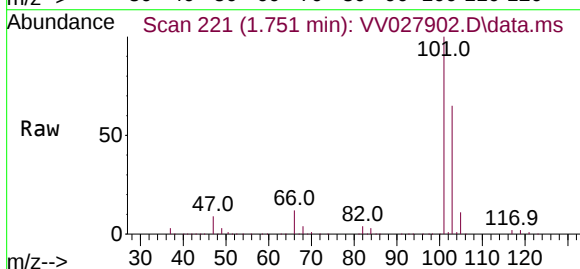
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ClientSampleId :

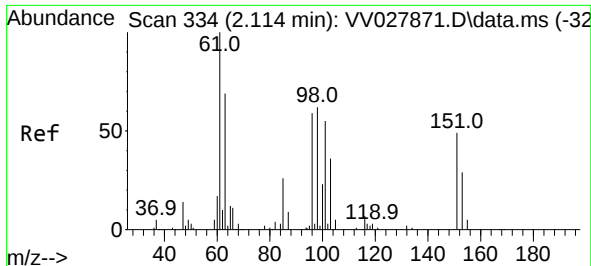
Tgt Ion: 64 Resp: 168172
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 20.022 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.010 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Tgt Ion:101 Resp: 502195
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

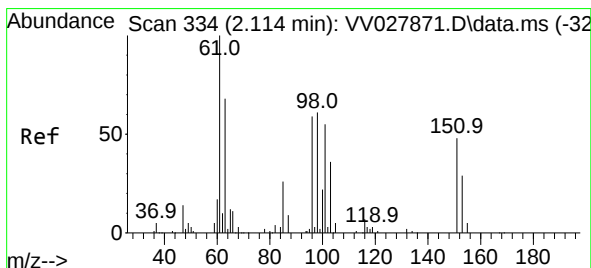
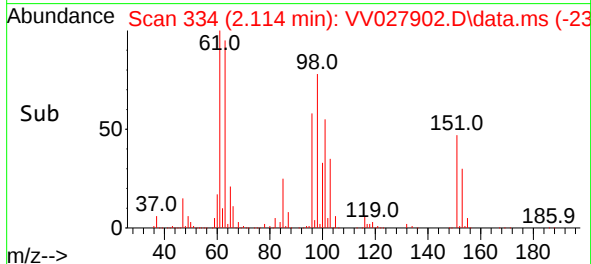
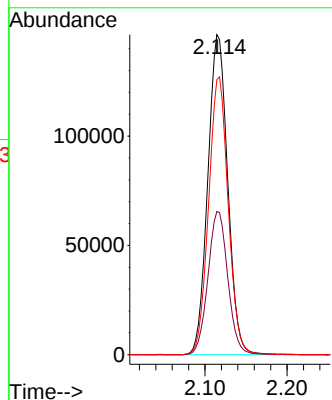
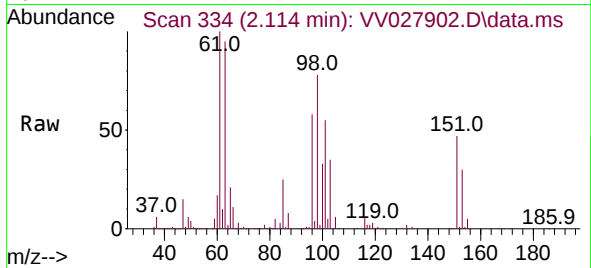




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.448 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.010 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

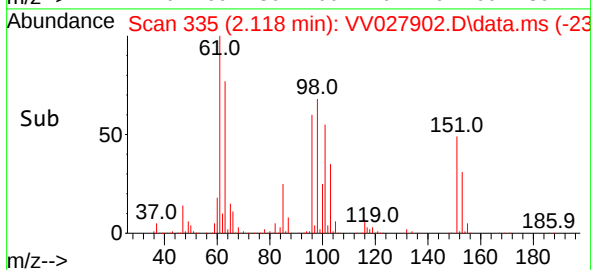
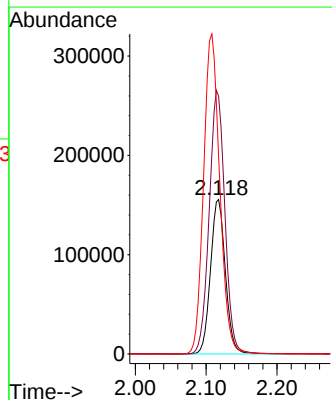
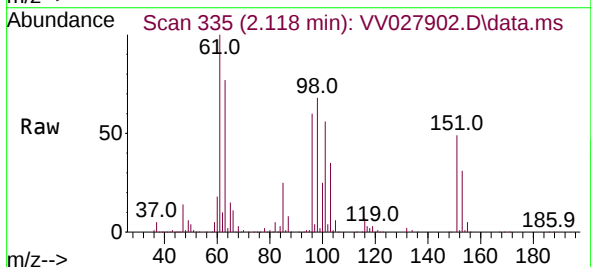
Instrument :
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 ClientSampleId :

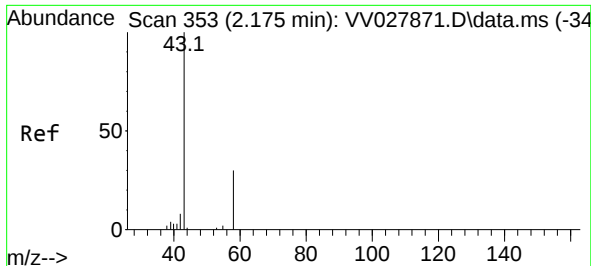
Tgt Ion:101 Resp: 246475
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.8
 151 85.7 61.2 91.8



#12
 1,1-Dichloroethene
 Concen: 19.740 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.010 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

Tgt Ion: 96 Resp: 227087
 Ion Ratio Lower Upper
 96 100
 61 166.9 129.9 241.3
 63 127.9 94.6 175.8





#13

Acetone

Concen: 190.439 ug/L

RT: 2.179 min Scan# 353

Delta R.T. -0.042 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

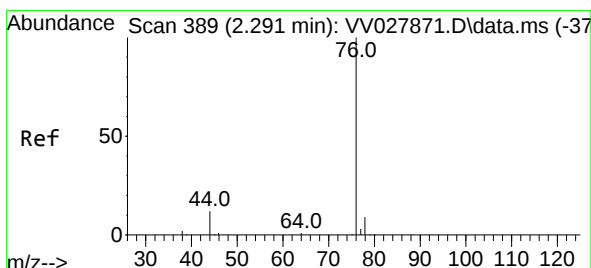
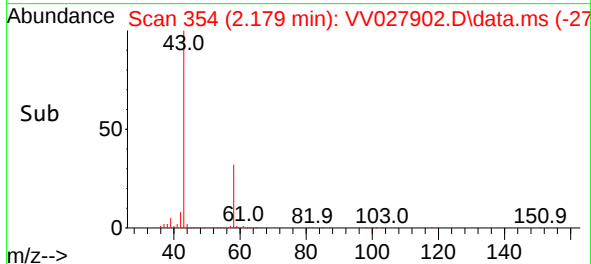
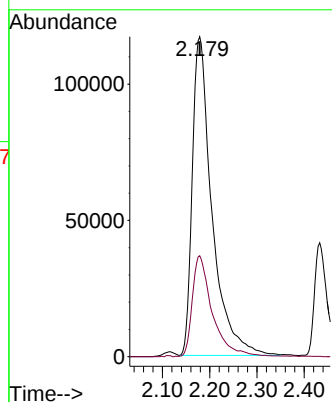
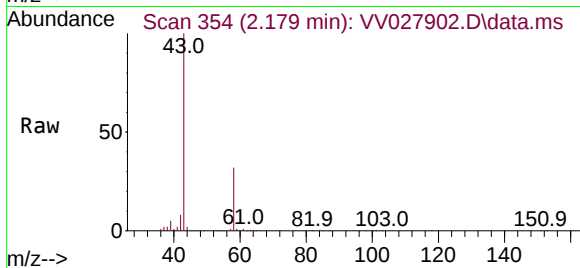
ClientSampleId :

Tgt Ion: 43 Resp: 337940

Ion Ratio Lower Upper

43 100

58 32.4 0.0 49.4



#14

Carbon disulfide

Concen: 20.413 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.010 min

Lab File: VV027902.D

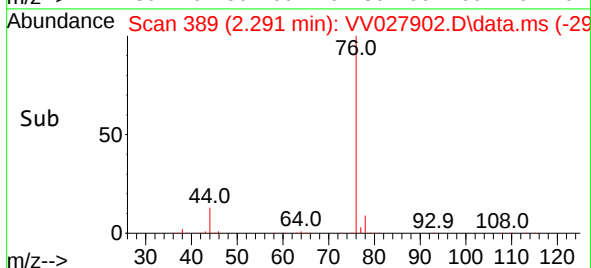
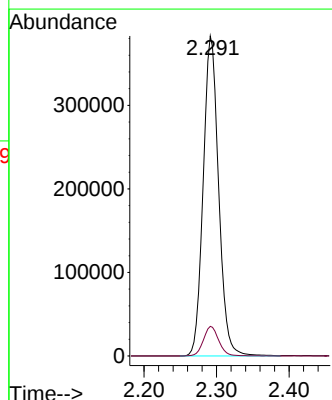
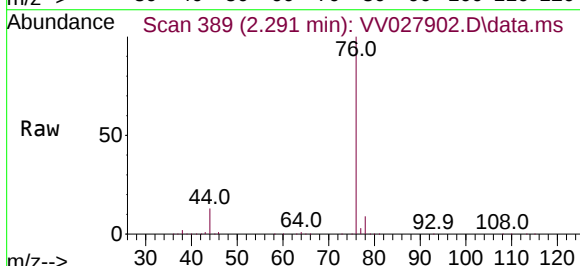
Acq: 17 Sep 2022 15:30

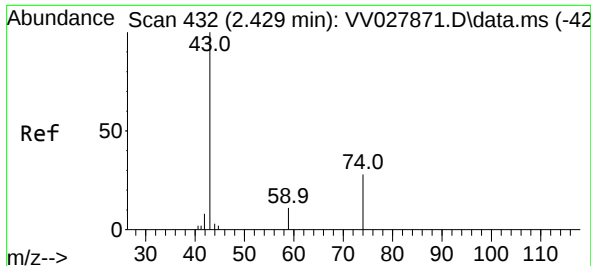
Tgt Ion: 76 Resp: 566820

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

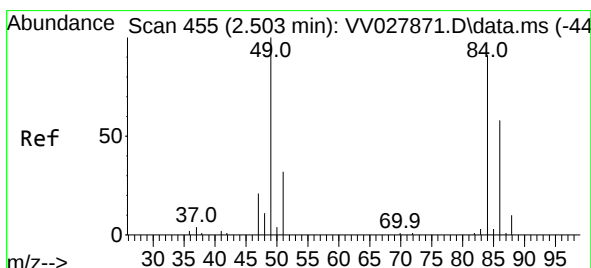
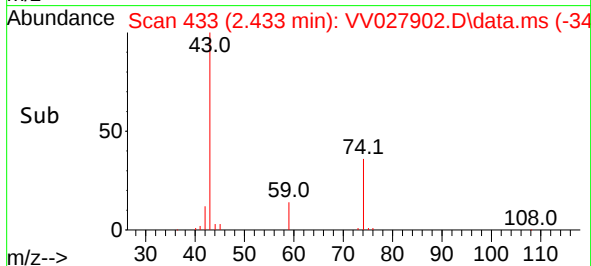
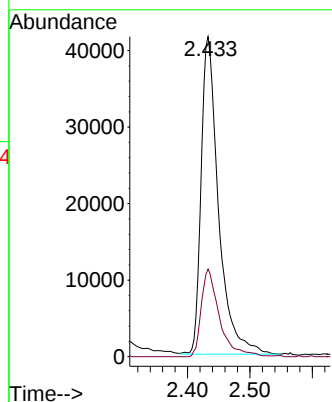
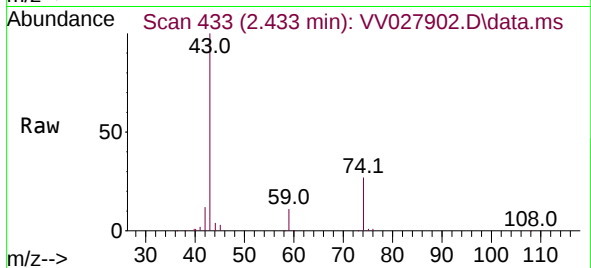




#15
Methyl Acetate
Concen: 20.038 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

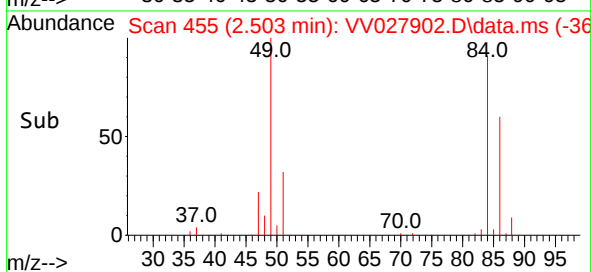
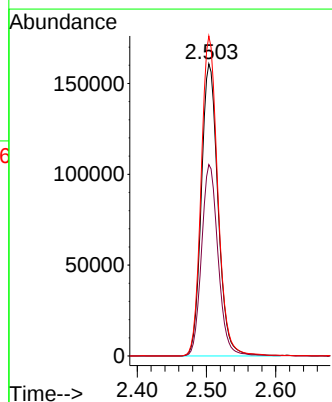
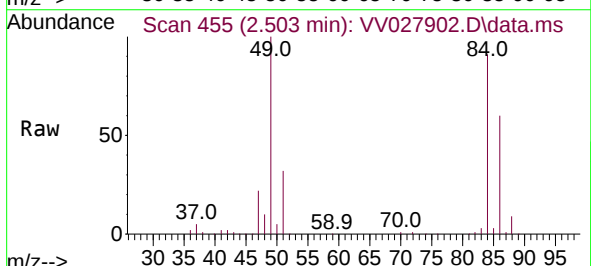
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MSVOA_V
ClientSampleId :

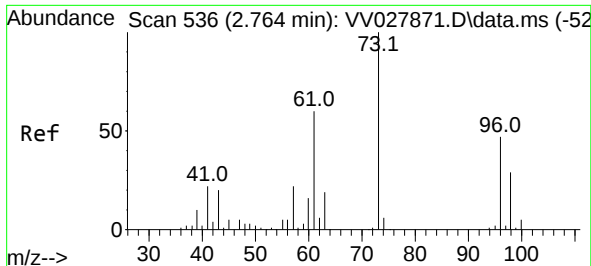
Tgt Ion: 43 Resp: 80586
Ion Ratio Lower Upper
43 100
74 28.8 16.6 25.0#



#16
Methylene chloride
Concen: 18.076 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Tgt Ion: 84 Resp: 268991
Ion Ratio Lower Upper
84 100
86 65.5 44.9 83.3
49 109.6 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 21.303 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.013 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

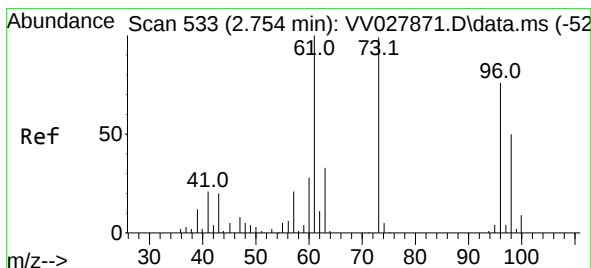
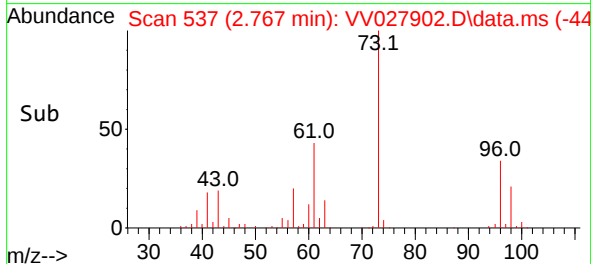
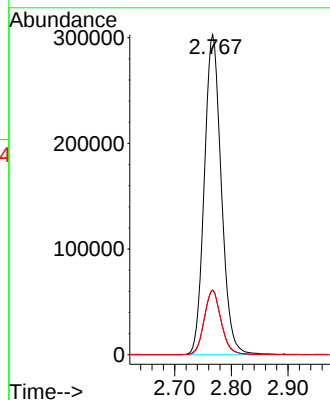
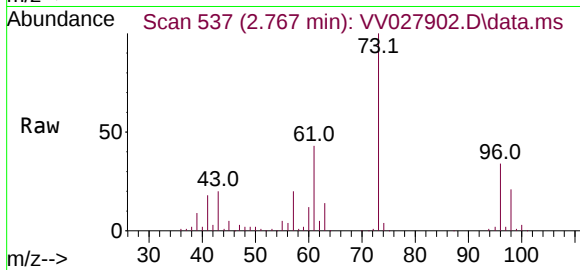
Tgt Ion: 73 Resp: 631040

Ion Ratio Lower Upper

73 100

43 19.9 17.5 26.3

57 20.0 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 20.156 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.006 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

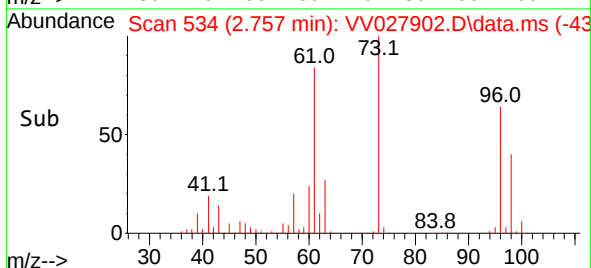
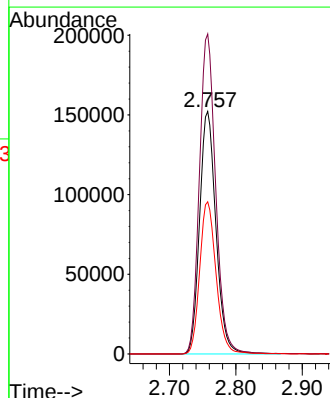
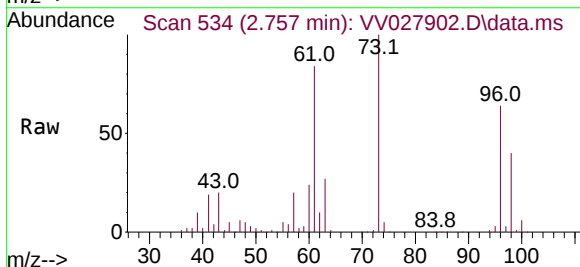
Tgt Ion: 96 Resp: 261323

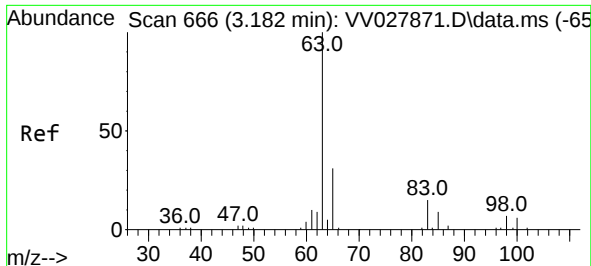
Ion Ratio Lower Upper

96 100

61 132.0 102.6 190.5

98 62.7 44.0 81.8





#19

1,1-Dichloroethane

Concen: 20.144 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

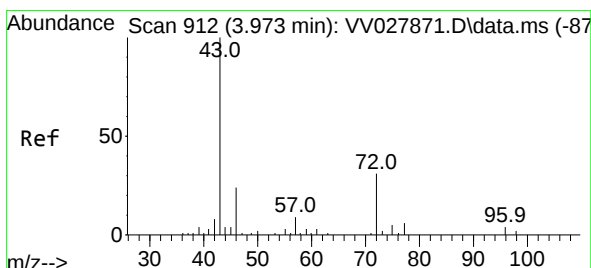
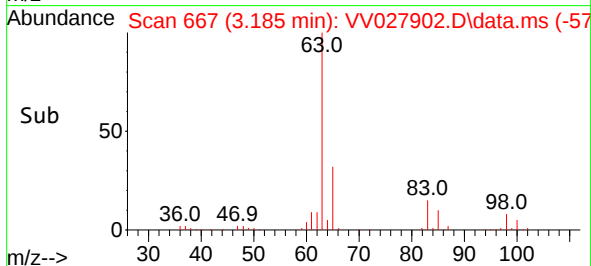
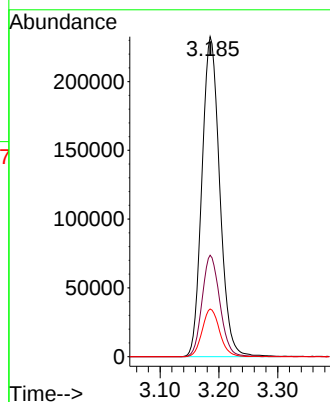
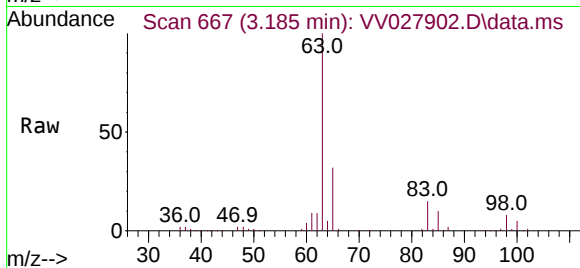
Tgt Ion: 63 Resp: 488867

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 14.9 10.1 18.9



#21

2-Butanone

Concen: 221.289 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.067 min

Lab File: VV027902.D

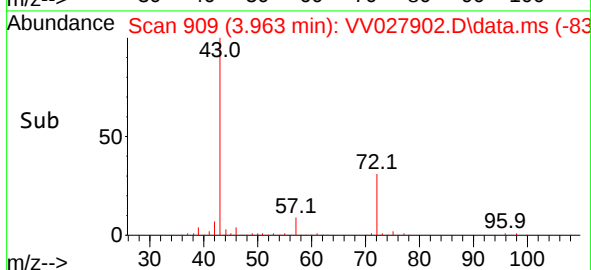
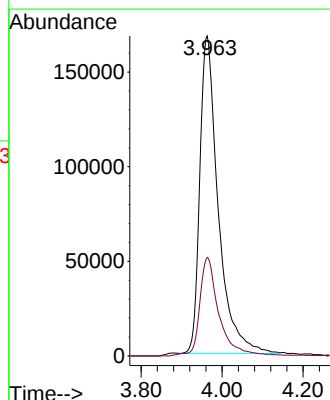
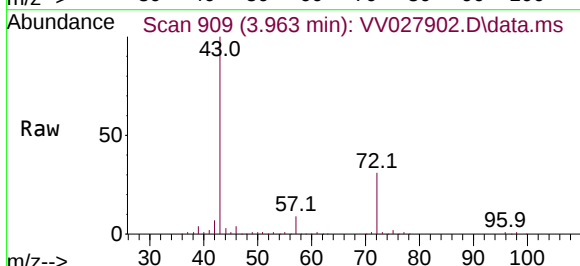
Acq: 17 Sep 2022 15:30

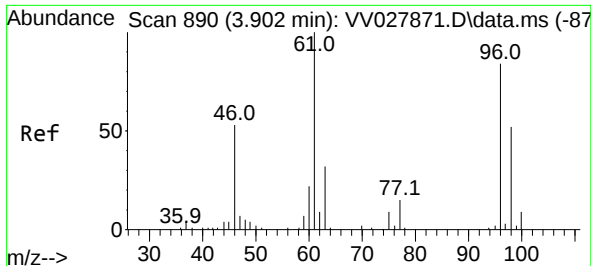
Tgt Ion: 43 Resp: 529436

Ion Ratio Lower Upper

43 100

72 32.1 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 20.982 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

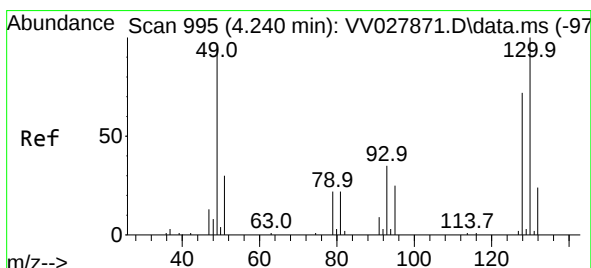
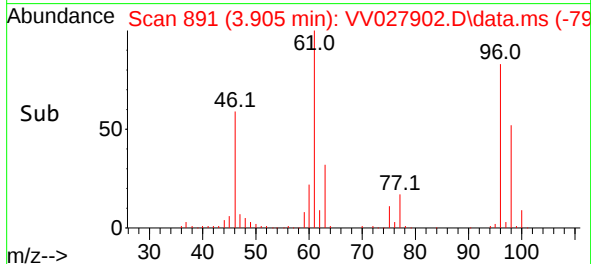
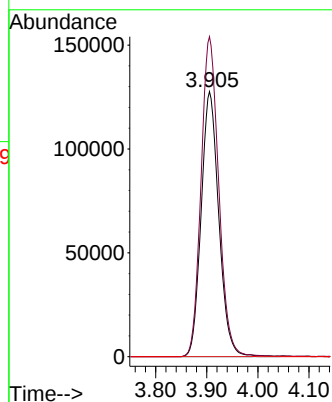
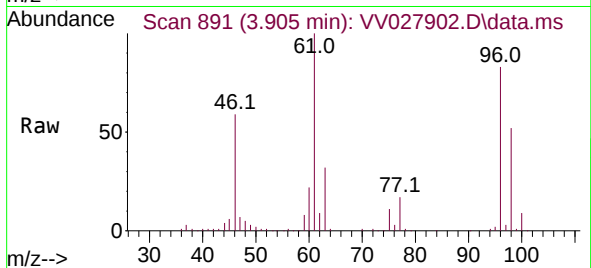
Tgt Ion: 96 Resp: 306061

Ion Ratio Lower Upper

96 100

61 120.7 94.6 175.6

68 0.0 0.3 0.5#



#23

Bromochloromethane

Concen: 19.544 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.000 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Tgt Ion: 128 Resp: 130250

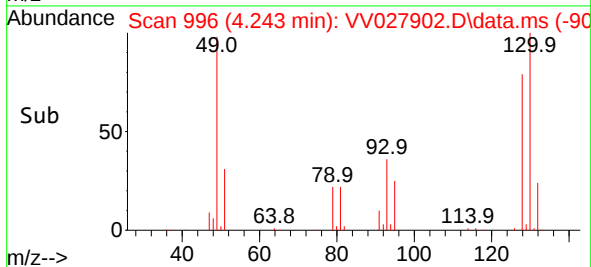
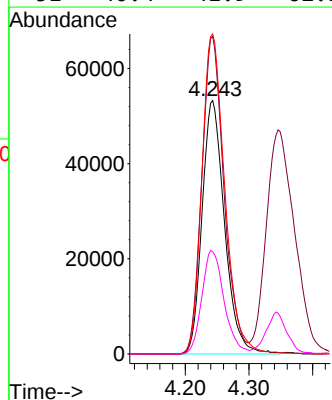
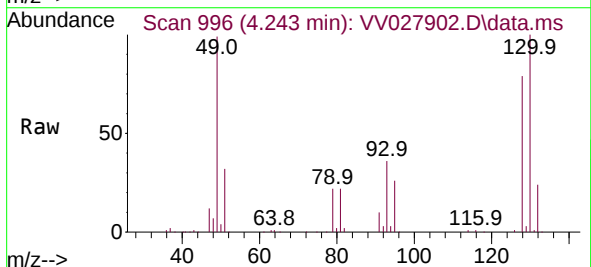
Ion Ratio Lower Upper

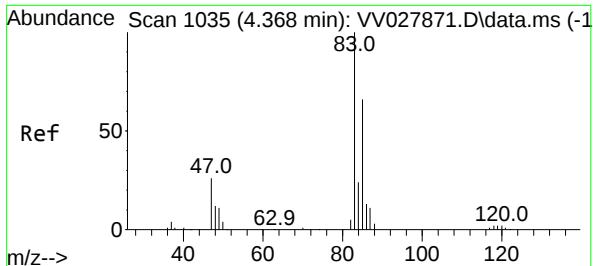
128 100

49 125.3 118.4 219.8

130 126.3 89.2 165.6

51 40.4 41.9 62.9#





#25

Chloroform

Concen: 19.558 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

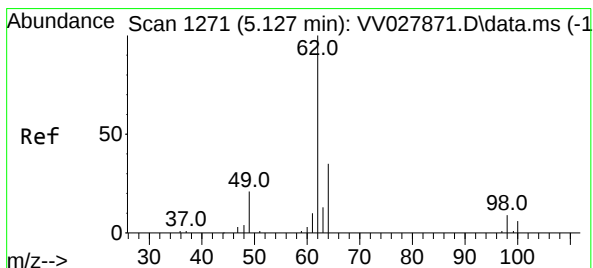
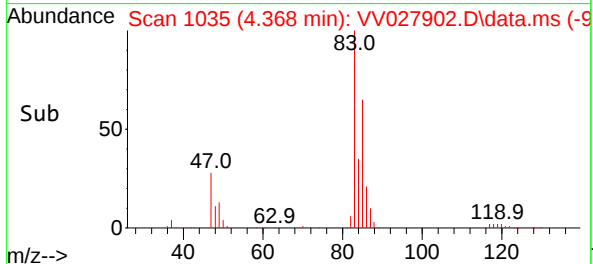
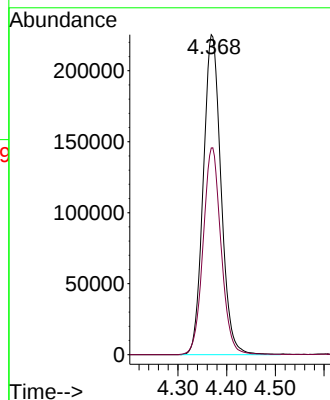
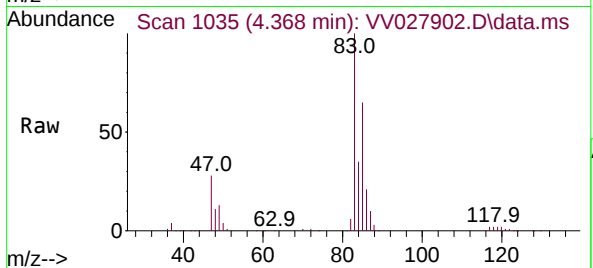
ClientSampleId :

Tgt Ion: 83 Resp: 569343

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 20.501 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027902.D

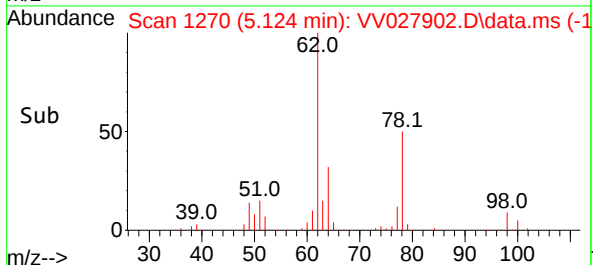
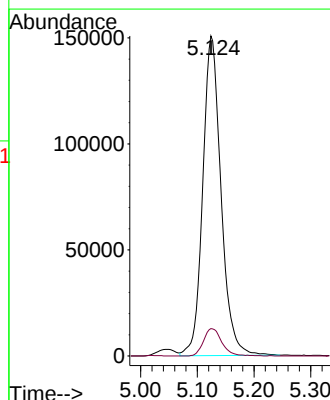
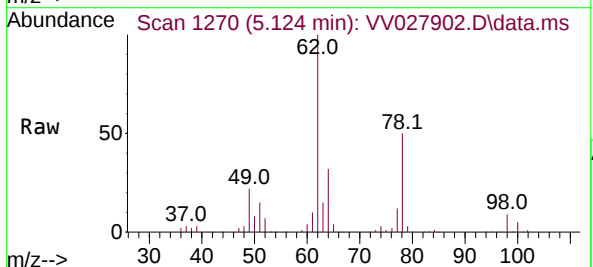
Acq: 17 Sep 2022 15:30

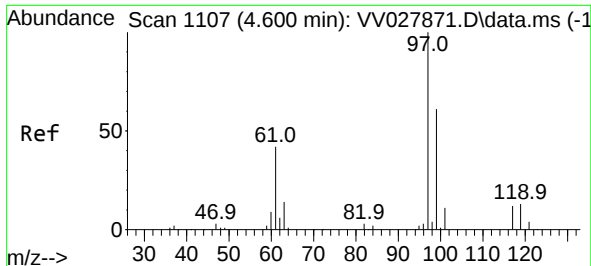
Tgt Ion: 62 Resp: 337585

Ion Ratio Lower Upper

62 100

98 8.6 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 19.981 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

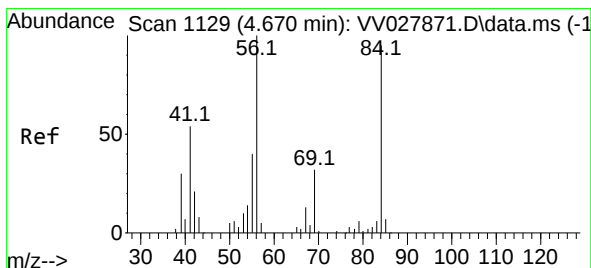
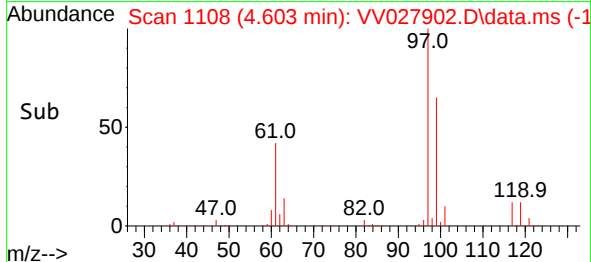
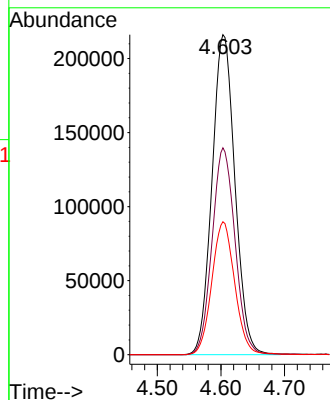
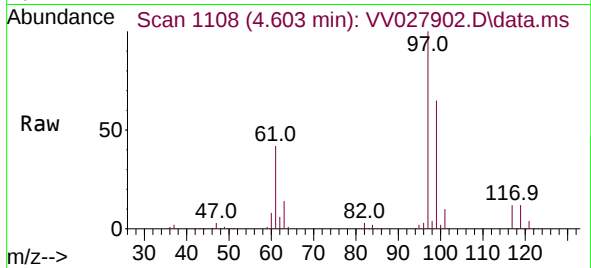
Tgt Ion: 97 Resp: 541219

Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 41.5 36.2 54.4



#30

Cyclohexane

Concen: 21.782 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.023 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

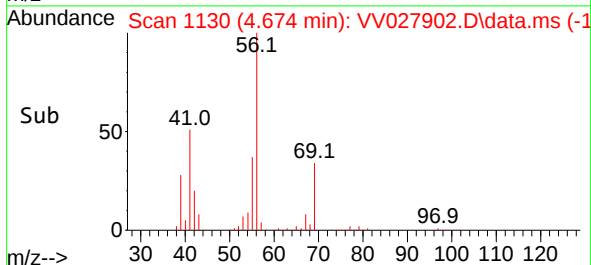
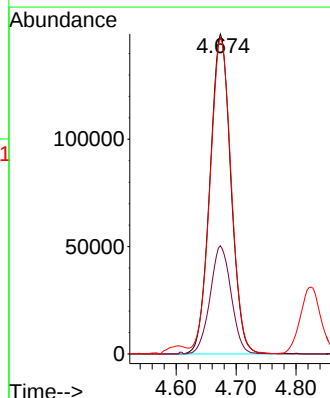
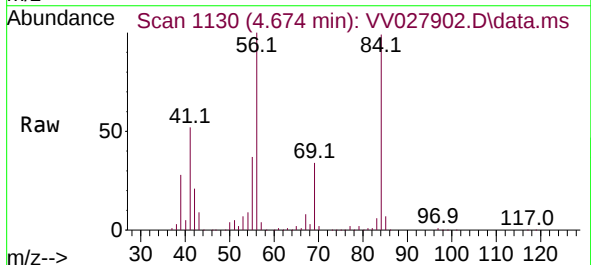
Tgt Ion: 56 Resp: 361914

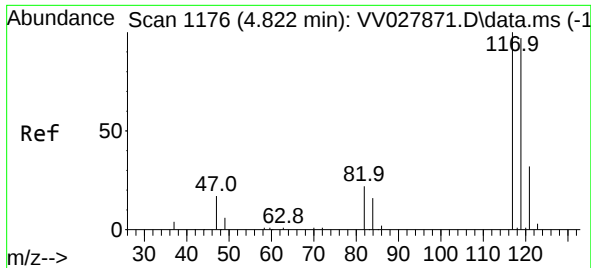
Ion Ratio Lower Upper

56 100

69 33.9 25.4 38.2

84 99.9 73.8 110.8

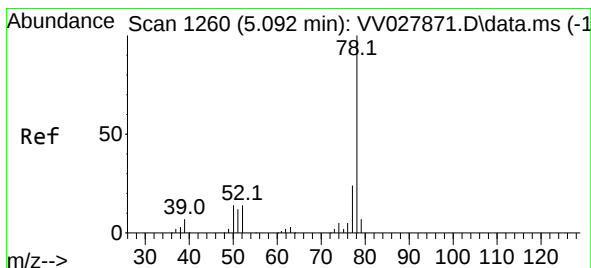
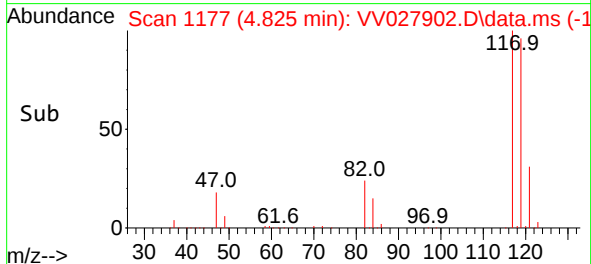
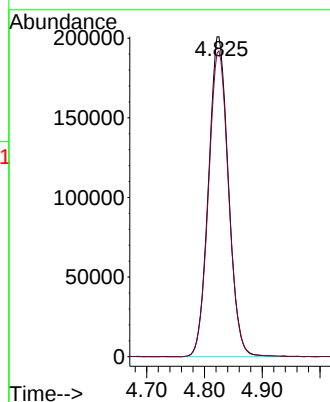
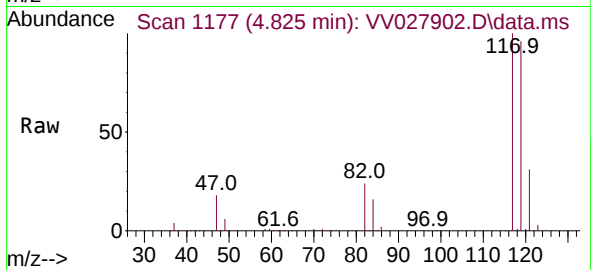




#31
Carbon tetrachloride
Concen: 20.009 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

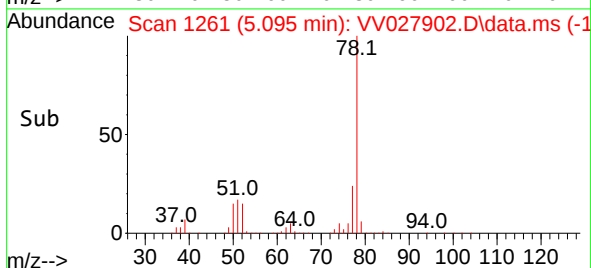
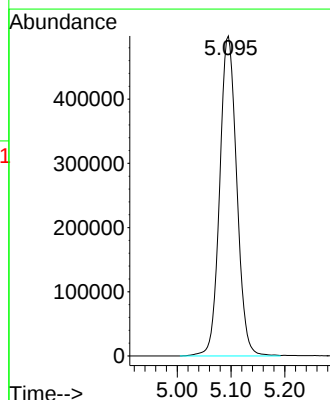
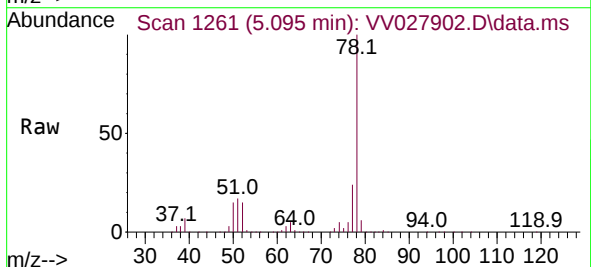
Instrument :
MSVOA_V
ClientSampleId :

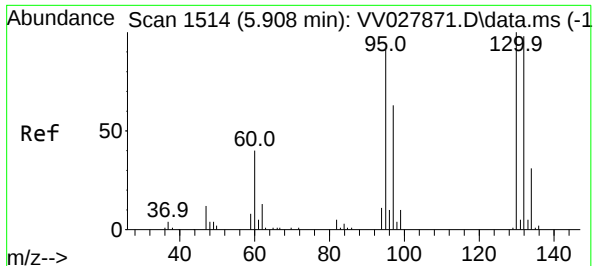
Tgt Ion:117 Resp: 480311
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8



#33
Benzene
Concen: 20.320 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.016 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

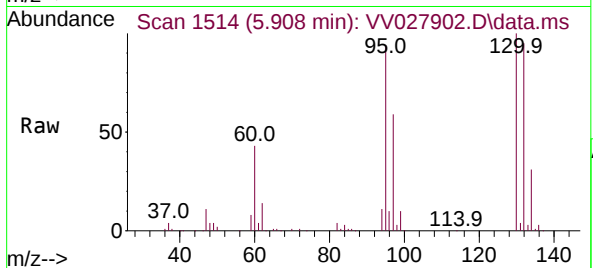
Tgt Ion: 78 Resp: 1097741



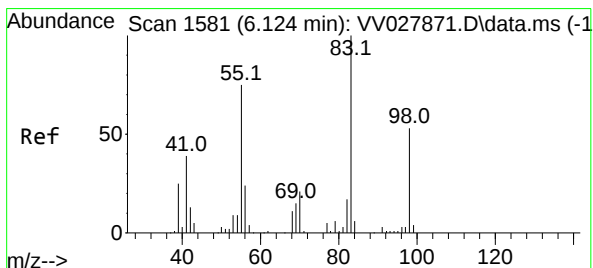
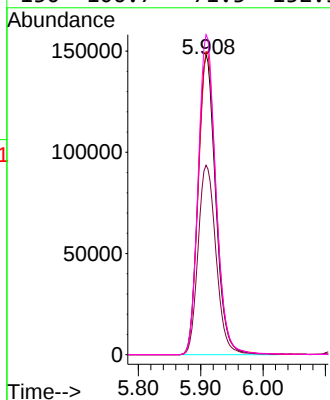
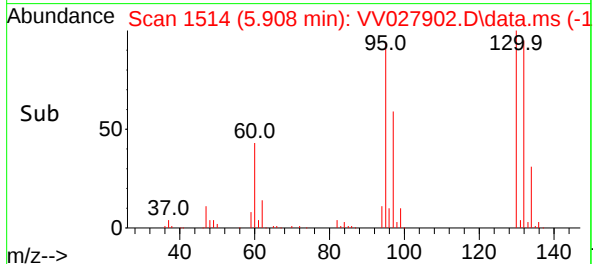


#34
Trichloroethene
Concen: 19.986 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.029 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

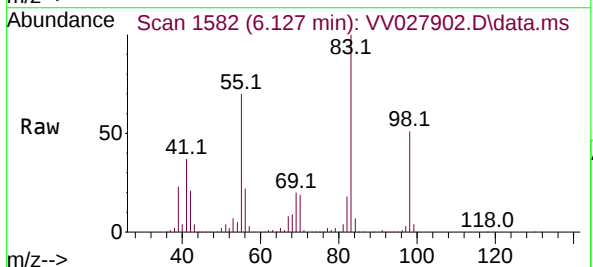
Instrument :
MSVOA_V
ClientSampleId :



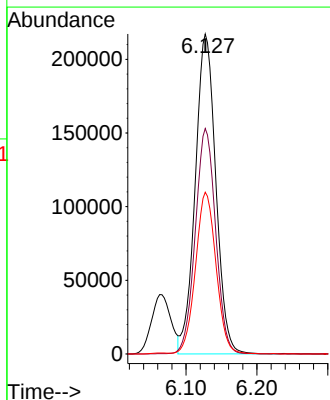
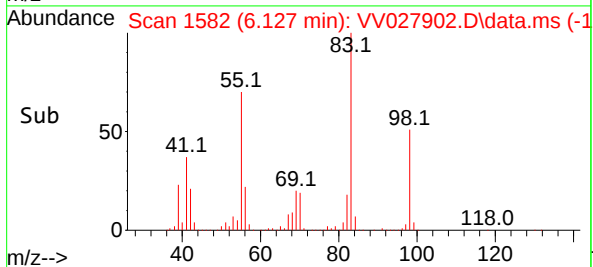
Tgt Ion: 95 Resp: 291691
Ion Ratio Lower Upper
95 100
97 63.1 42.9 79.7
132 101.0 67.9 126.1
130 106.7 71.3 132.3

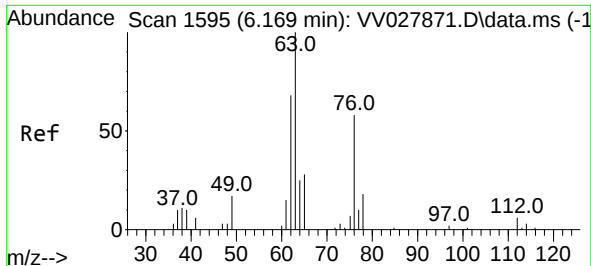


#35
Methylcyclohexane
Concen: 21.643 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.039 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30



Tgt Ion: 83 Resp: 437382
Ion Ratio Lower Upper
83 100
55 70.0 61.9 92.9
98 50.7 37.5 56.3





#37

1,2-Dichloropropane

Concen: 20.508 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

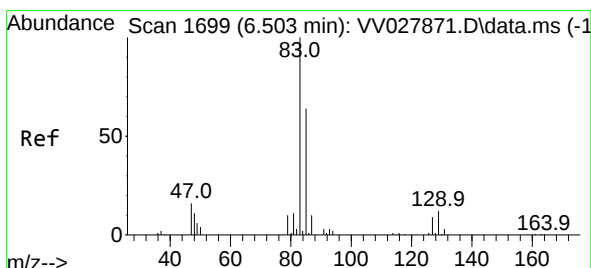
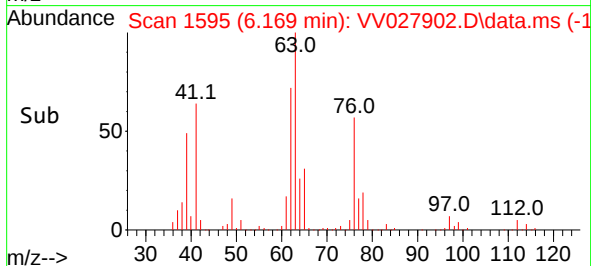
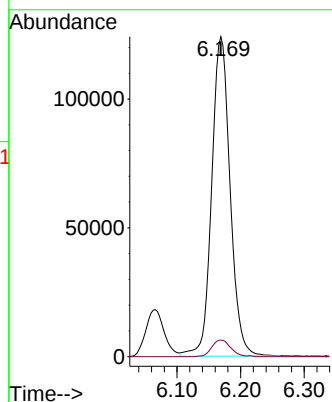
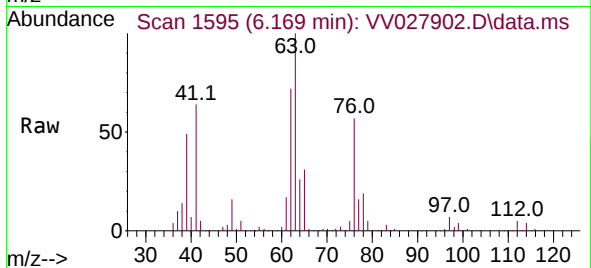
ClientSampleId :

Tgt Ion: 63 Resp: 249488

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 20.198 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.010 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

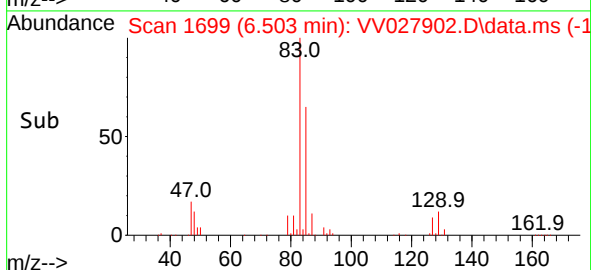
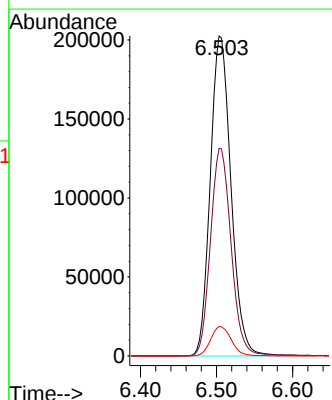
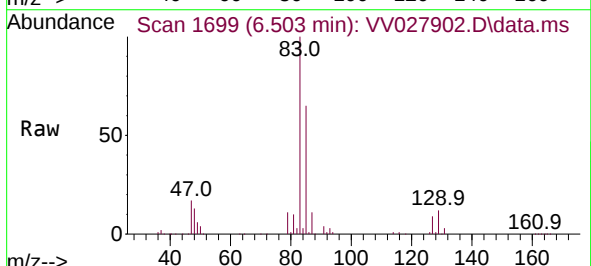
Tgt Ion: 83 Resp: 383441

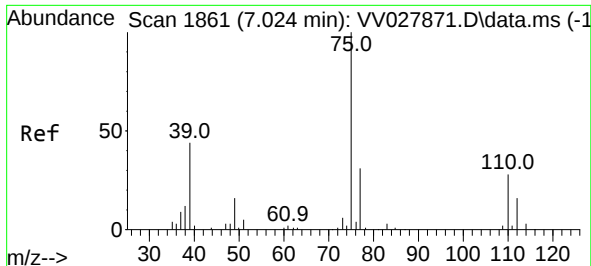
Ion Ratio Lower Upper

83 100

85 64.9 43.3 80.3

127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 22.498 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.019 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

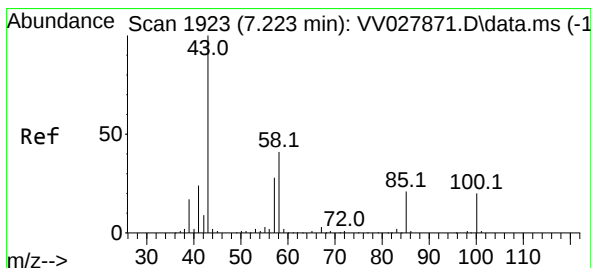
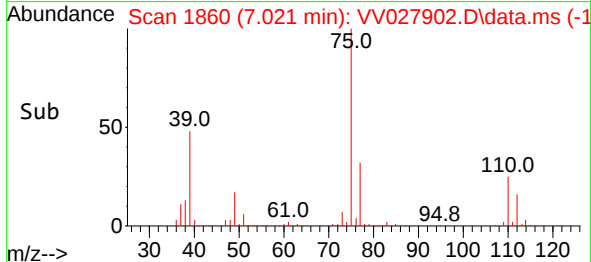
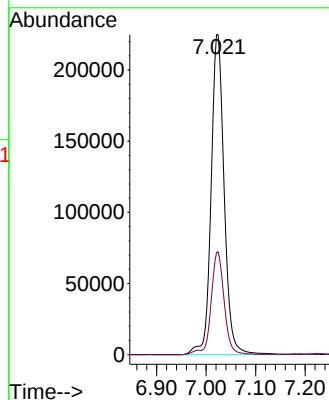
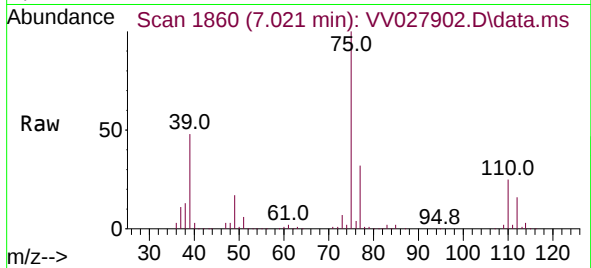
ClientSampleId :

Tgt Ion: 75 Resp: 411832

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 215.547 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.042 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

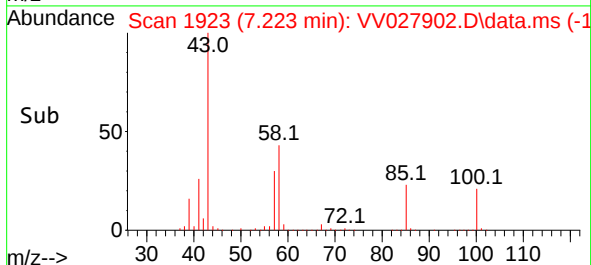
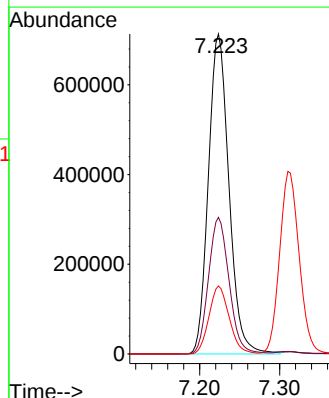
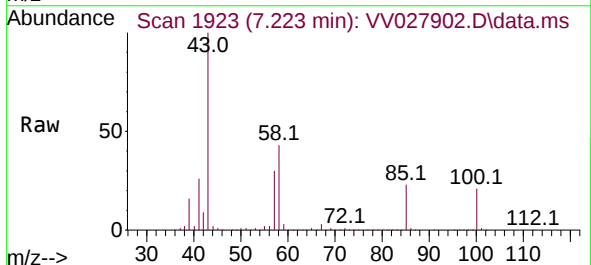
Tgt Ion: 43 Resp: 1274101

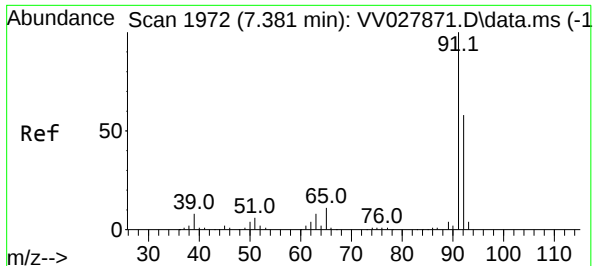
Ion Ratio Lower Upper

43 100

58 42.8 30.9 46.3

100 20.9 13.4 20.0#





#42

Toluene

Concen: 20.599 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. -0.009 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

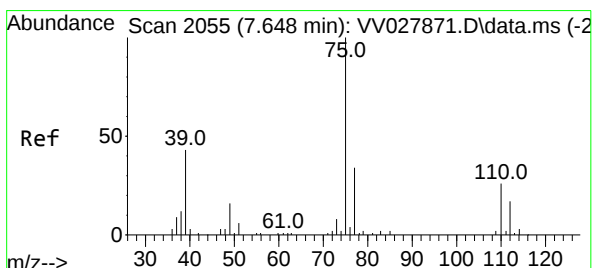
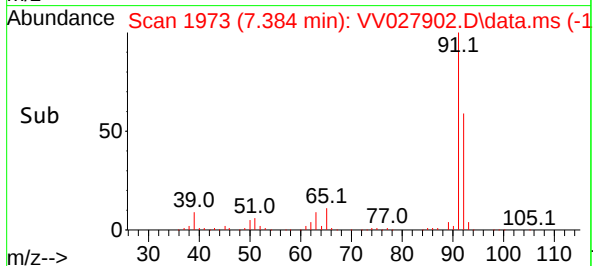
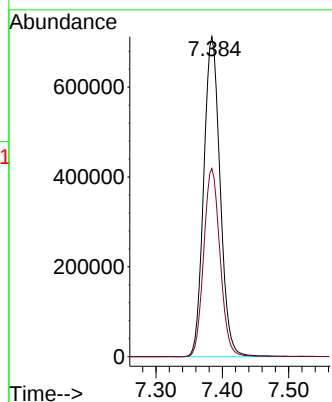
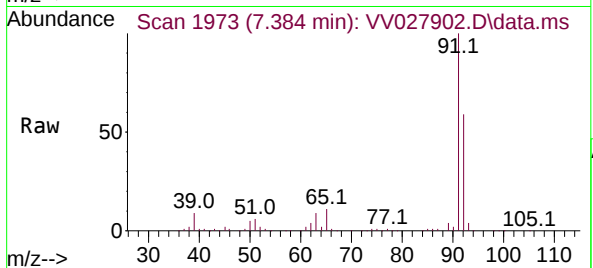
ClientSampleId :

Tgt Ion: 91 Resp: 1221875

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 21.987 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.019 min

Lab File: VV027902.D

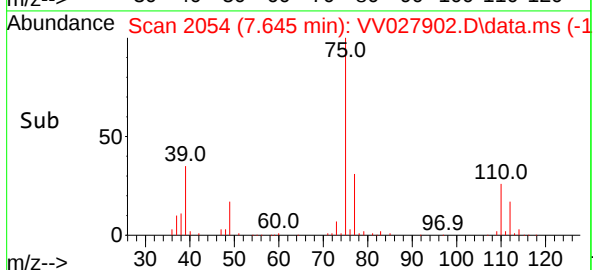
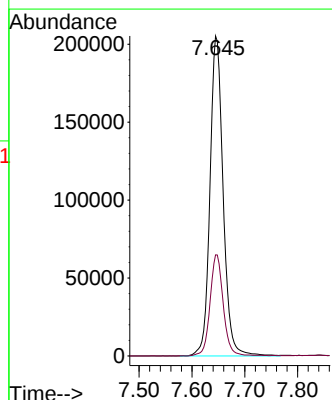
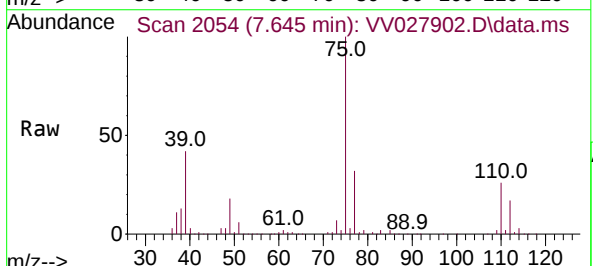
Acq: 17 Sep 2022 15:30

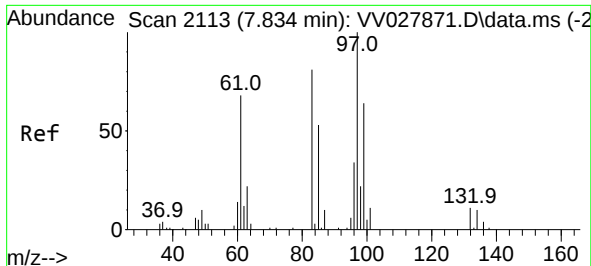
Tgt Ion: 75 Resp: 355624

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 20.151 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.016 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 190392

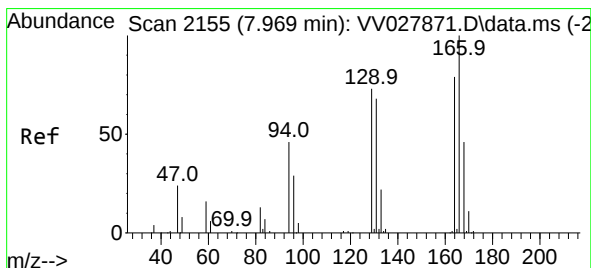
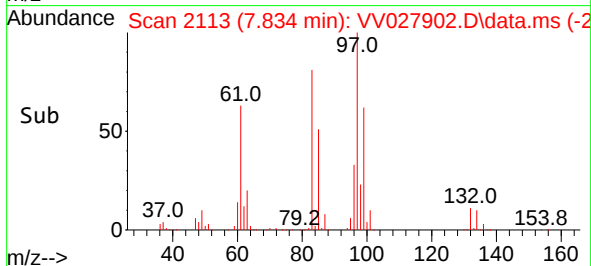
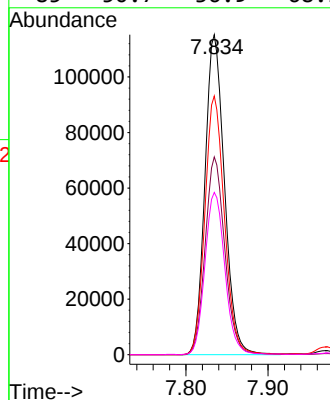
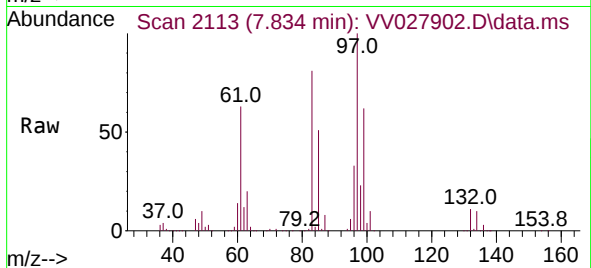
Ion Ratio Lower Upper

97 100

99 61.8 44.2 82.0

83 80.9 60.3 112.1

85 50.7 36.9 68.5



#47

Tetrachloroethene

Concen: 20.263 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Tgt Ion:164 Resp: 247066

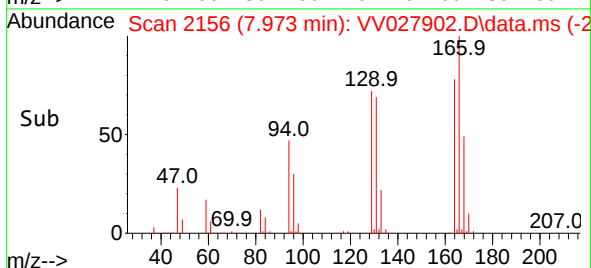
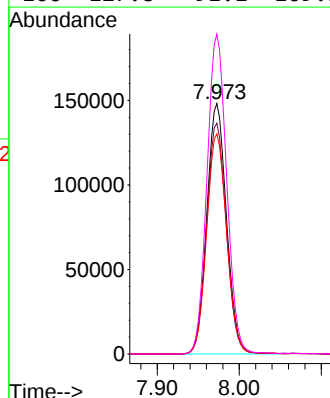
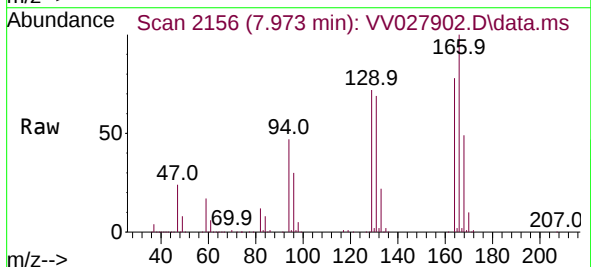
Ion Ratio Lower Upper

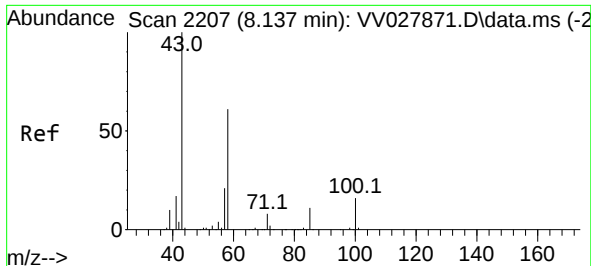
164 100

129 92.1 67.2 124.8

131 87.9 61.5 114.3

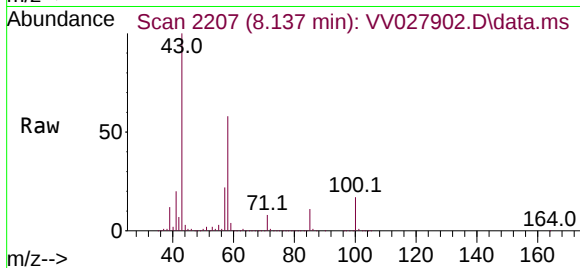
166 127.8 91.1 169.3



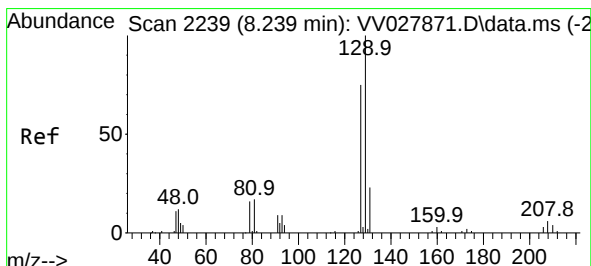
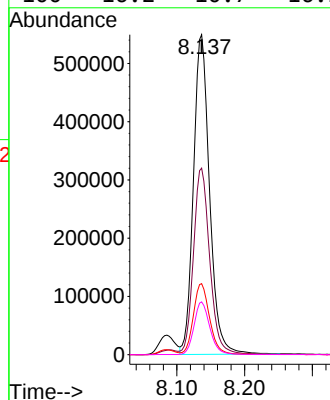
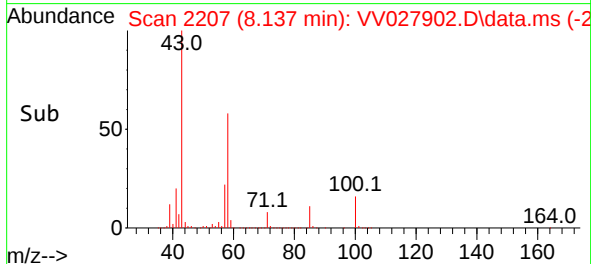


#48
2-Hexanone
Concen: 213.671 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.029 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Instrument :
MSVOA_V
ClientSampleId :

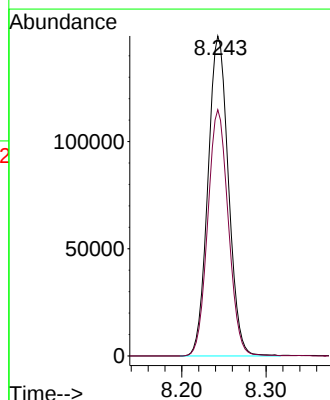
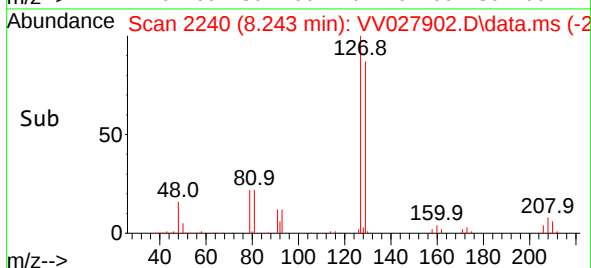
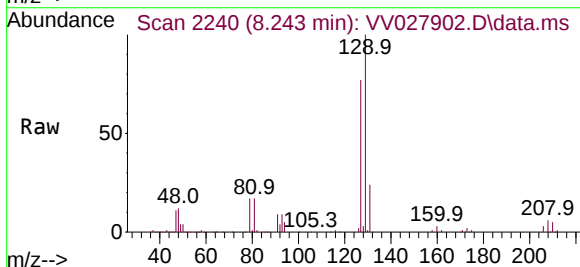


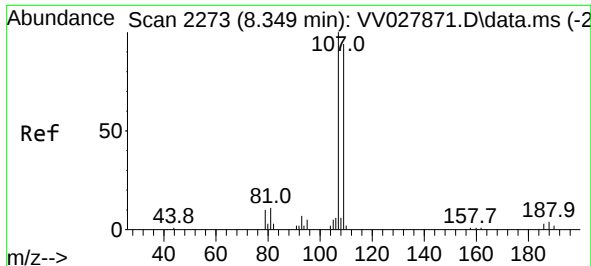
Tgt Ion: 43 Resp: 906343
Ion Ratio Lower Upper
43 100
58 59.0 43.2 64.8
57 22.3 15.6 23.4
100 16.2 10.7 16.1#



#49
Dibromochloromethane
Concen: 20.353 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.013 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Tgt Ion: 129 Resp: 252234
Ion Ratio Lower Upper
129 100
127 76.9 55.2 102.6





#50

1,2-Dibromoethane

Concen: 19.856 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.013 min

Lab File: VV027902.D

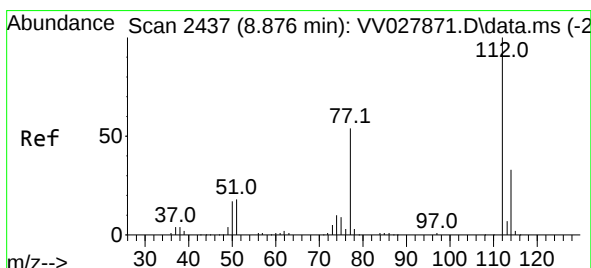
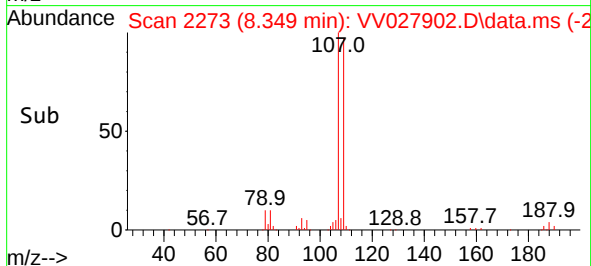
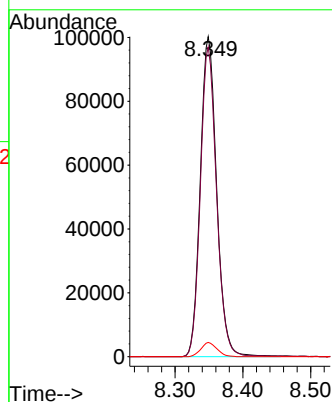
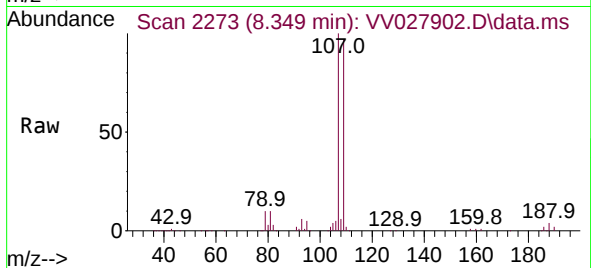
Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	168212
Ion	Ratio	Lower Upper
107	100	
109	96.8	65.9 122.5
188	4.4	3.1 4.7



#51

Chlorobenzene

Concen: 20.076 ug/L

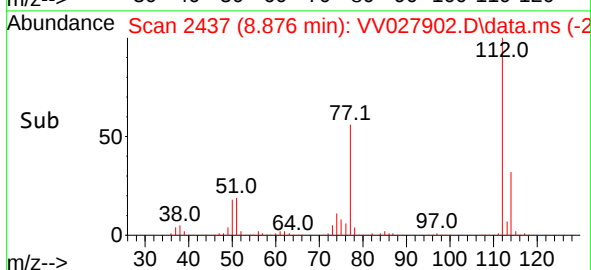
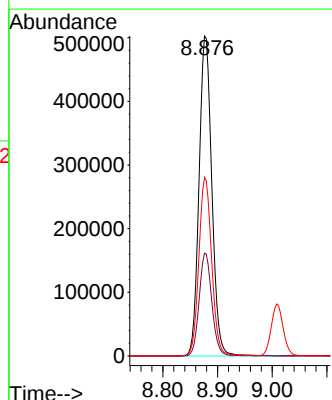
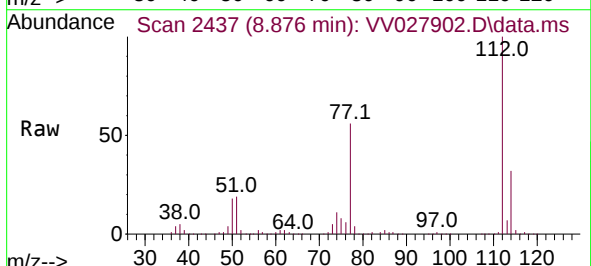
RT: 8.876 min Scan# 2437

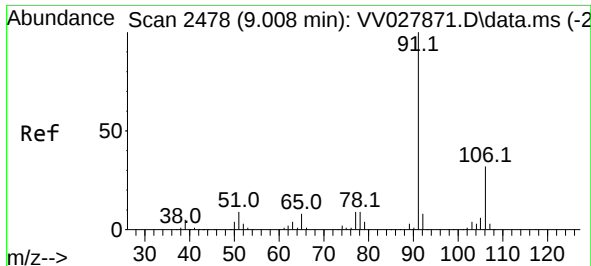
Delta R.T. -0.009 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Tgt Ion:112	Resp:	815023
Ion	Ratio	Lower Upper
112	100	
114	32.1	21.7 40.3
77	55.8	45.3 67.9

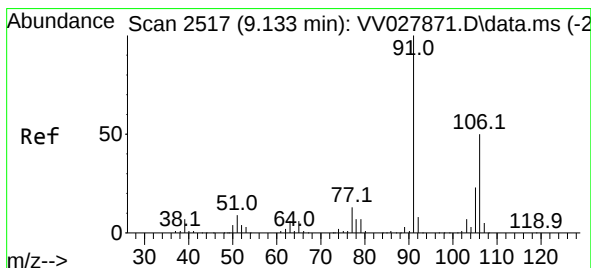
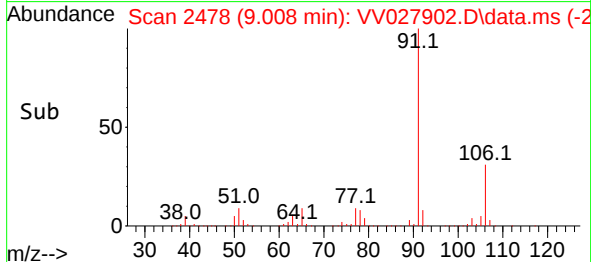
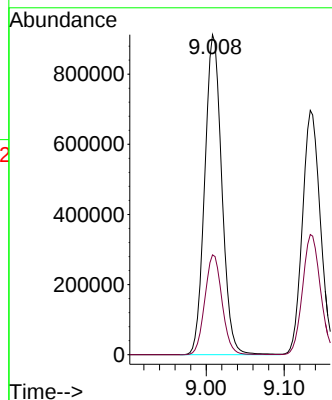
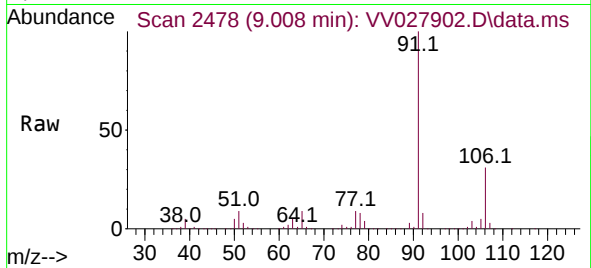




#52
Ethylbenzene
Concen: 21.555 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.006 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

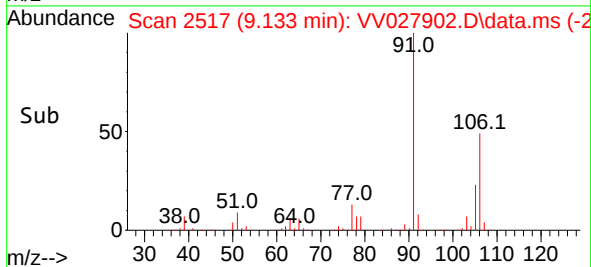
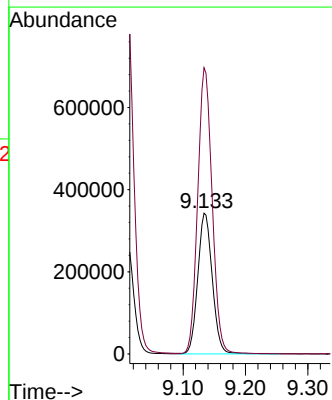
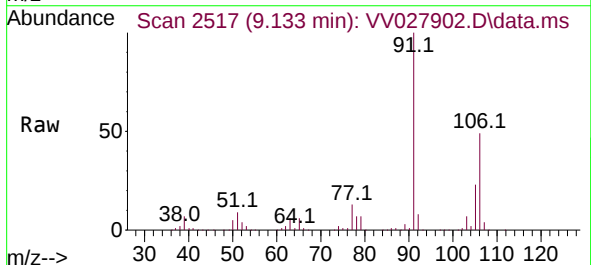
Instrument :
MSVOA_V
ClientSampleId :

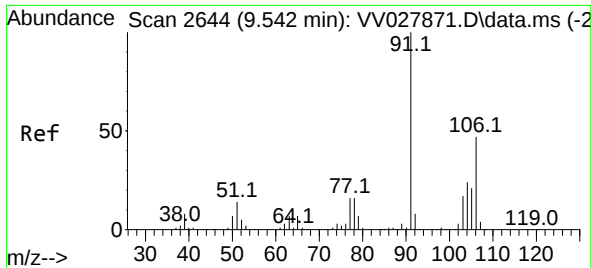
Tgt Ion: 91 Resp: 1391552
Ion Ratio Lower Upper
91 100
106 31.2 22.0 40.8



#53
m,p-Xylene
Concen: 21.560 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.009 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Tgt Ion: 106 Resp: 551373
Ion Ratio Lower Upper
106 100
91 203.3 142.4 264.4

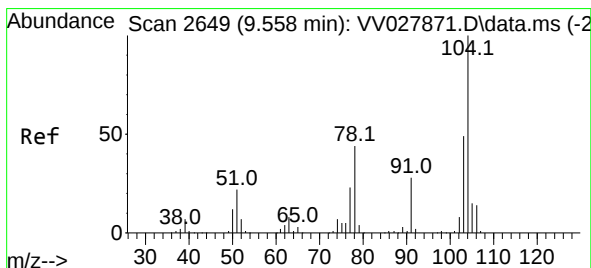
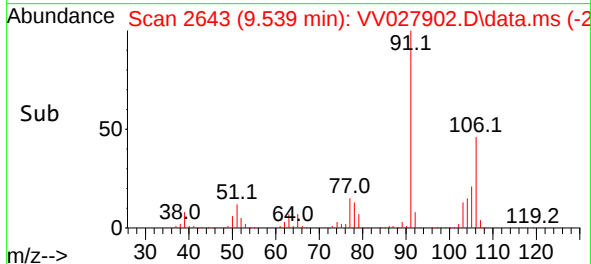
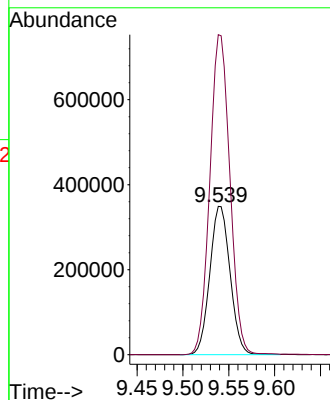
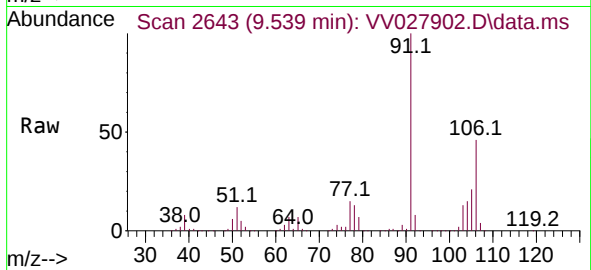




#54
o-Xylene
Concen: 21.576 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.006 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

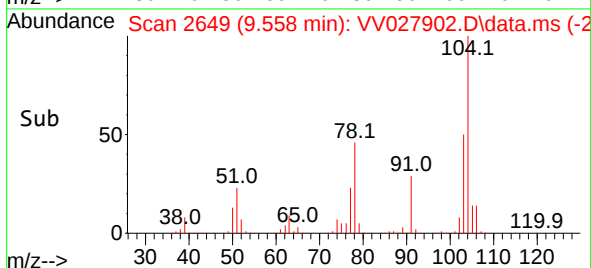
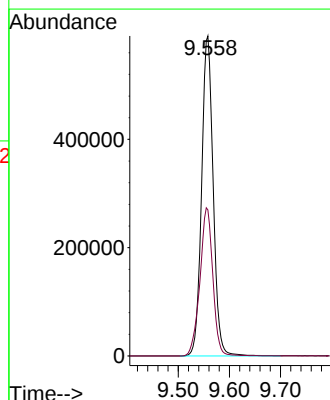
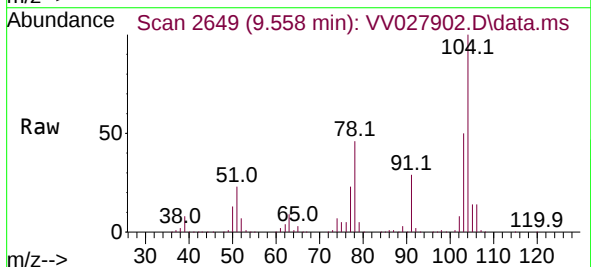
Instrument :
MSVOA_V
ClientSampleId :

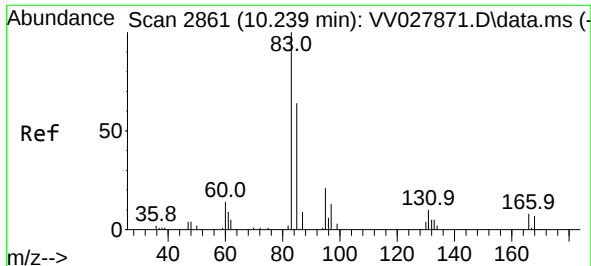
Tgt Ion:106 Resp: 536064
Ion Ratio Lower Upper
106 100
91 215.8 147.5 273.9



#55
Styrene
Concen: 21.707 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.006 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Tgt Ion:104 Resp: 932062
Ion Ratio Lower Upper
104 100
78 45.6 31.7 58.9

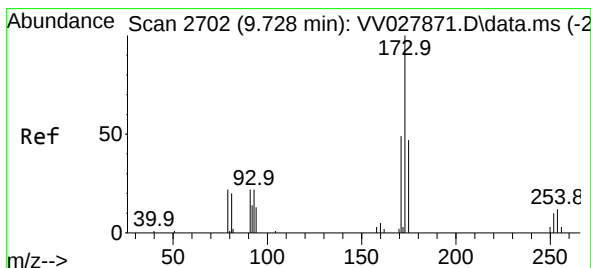
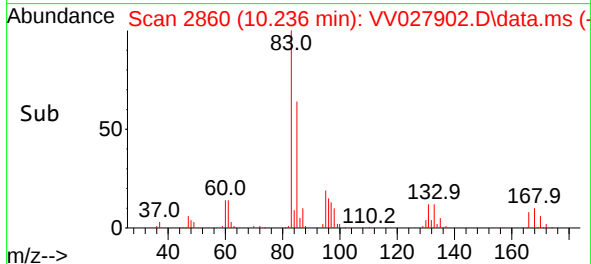
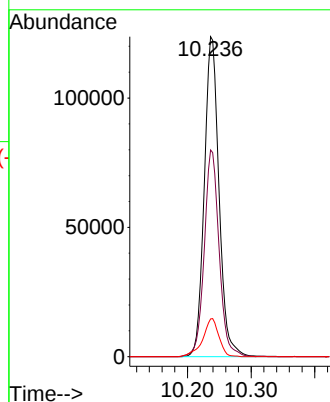
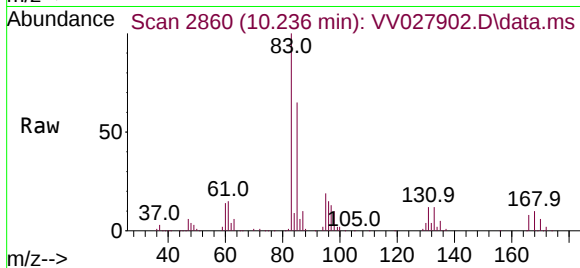




#57
 1,1,2,2-Tetrachloroethane
 Concen: 20.499 ug/L
 RT: 10.236 min Scan# 2861
 Delta R.T. -0.010 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

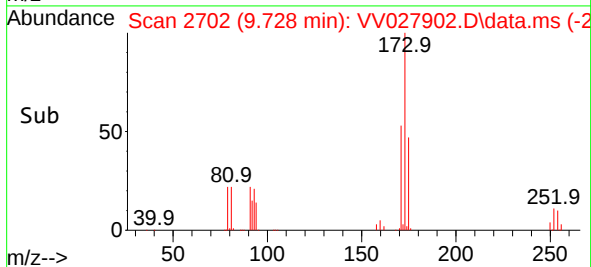
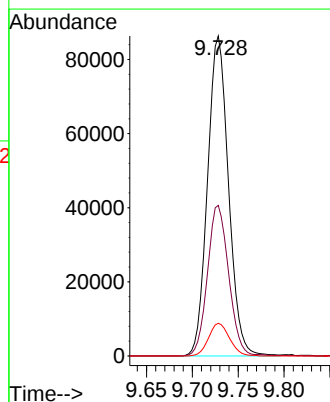
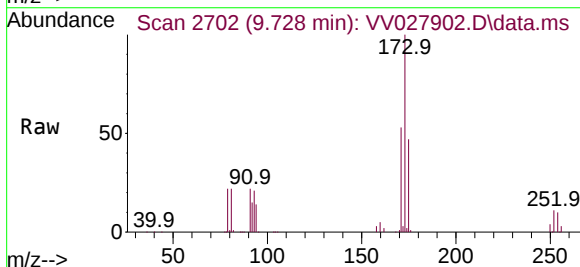
Instrument :
 MSVOA_V
 ClientSampleId :

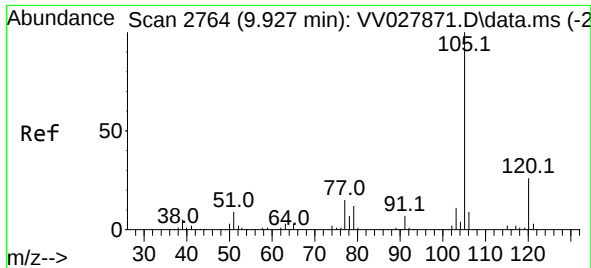
Tgt Ion: 83 Resp: 198781
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.7 83.1
 131 11.8 8.5 12.7



#59
 Bromoform
 Concen: 19.366 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.006 min
 Lab File: VV027902.D
 Acq: 17 Sep 2022 15:30

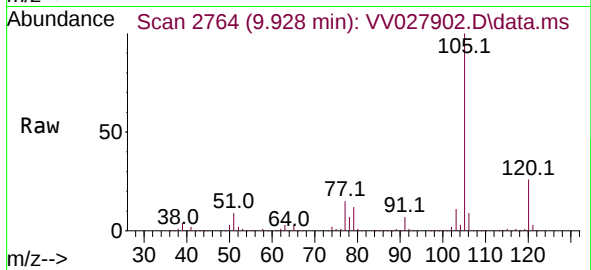
Tgt Ion: 173 Resp: 137578
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.4 57.6
 254 10.2 6.8 10.2#



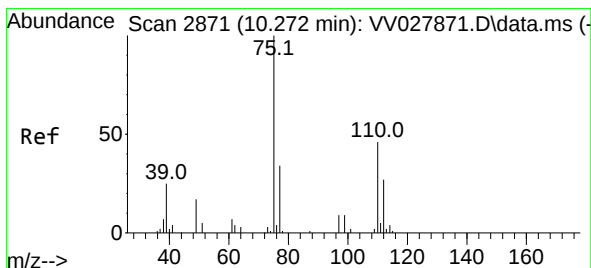
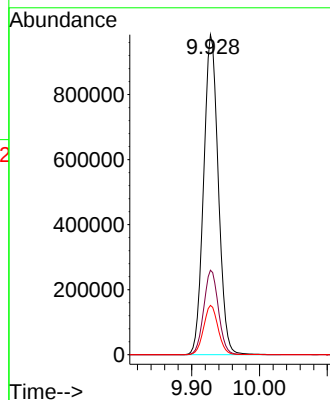
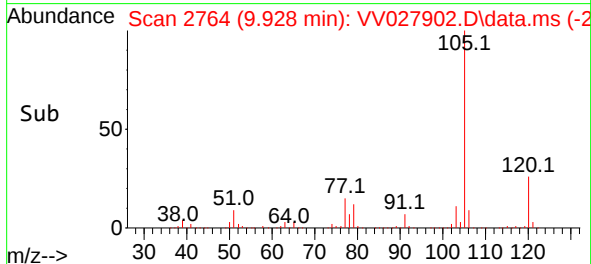


#60
Isopropylbenzene
Concen: 21.099 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

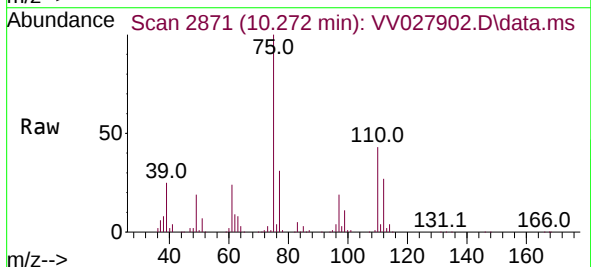
Instrument :
MSVOA_V
ClientSampleId :



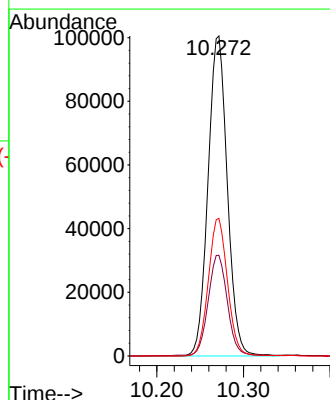
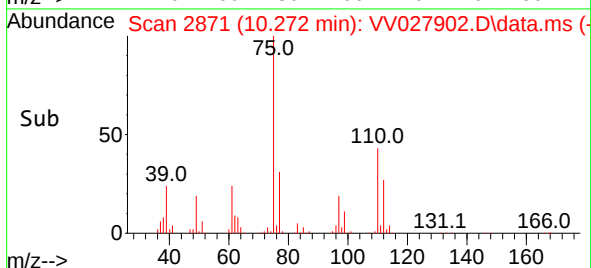
Tgt Ion:105 Resp: 1476755
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.3 12.6 18.8

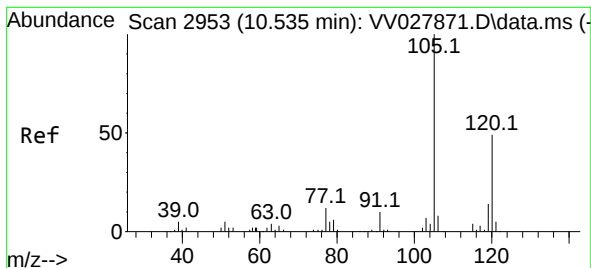


#61
1,2,3-Trichloropropane
Concen: 18.886 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30



Tgt Ion: 75 Resp: 155506
Ion Ratio Lower Upper
75 100
77 30.7 27.6 41.4
110 42.8 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 21.929 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

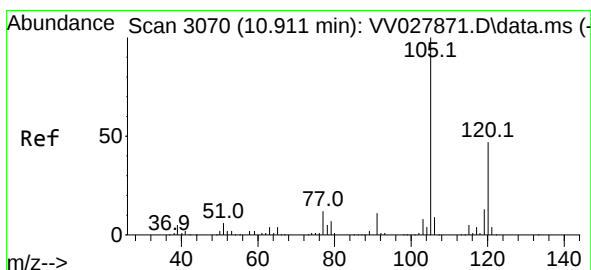
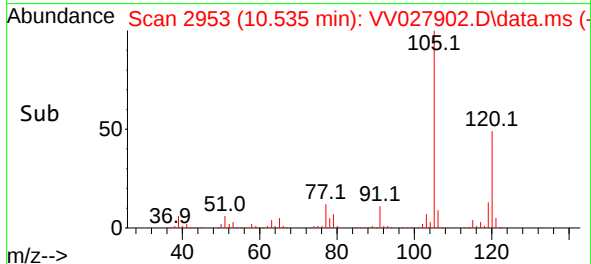
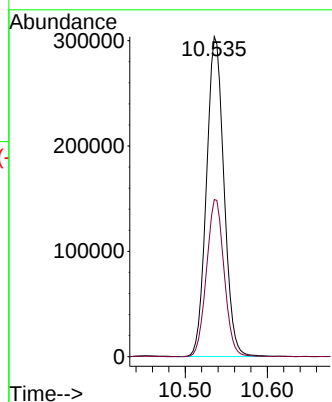
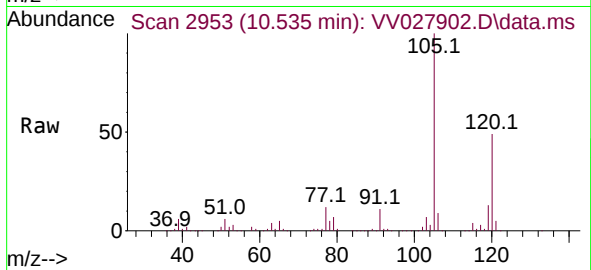
ClientSampleId :

Tgt Ion:105 Resp: 449505

Ion Ratio Lower Upper

105 100

120 49.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 22.591 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027902.D

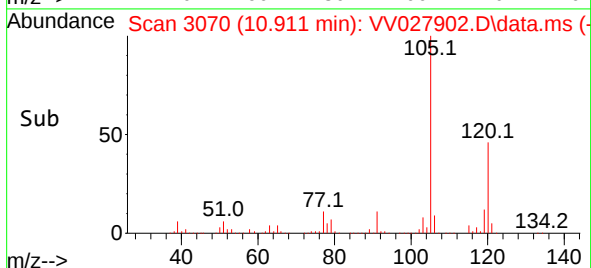
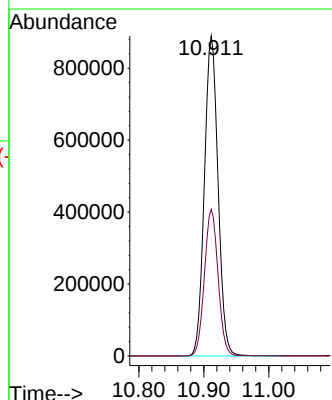
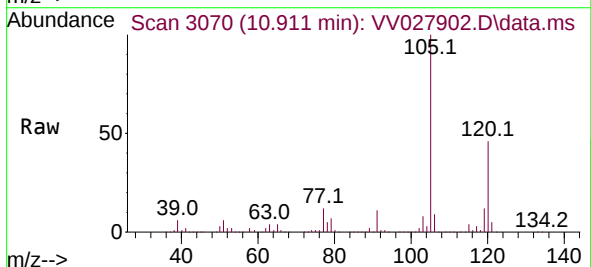
Acq: 17 Sep 2022 15:30

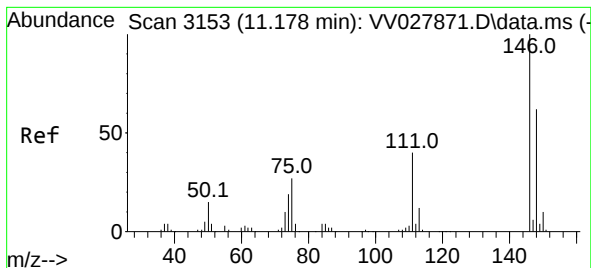
Tgt Ion:105 Resp: 1301776

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 20.214 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

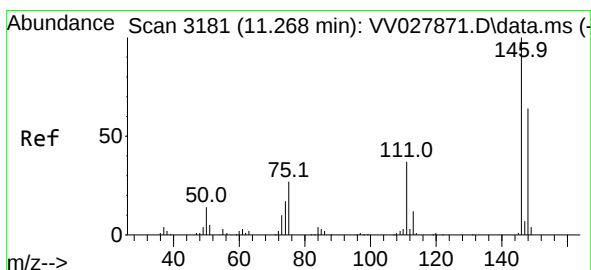
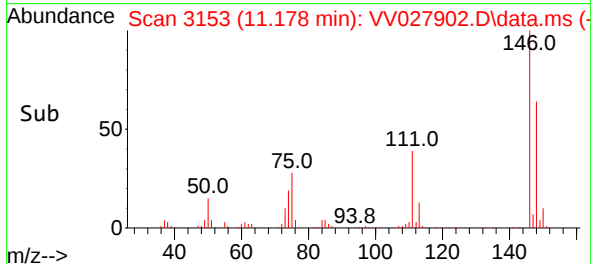
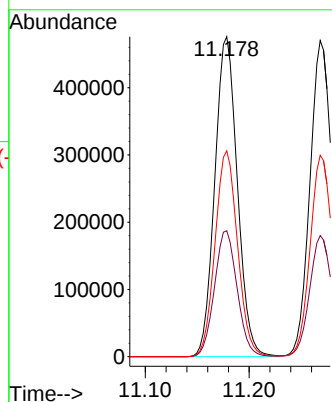
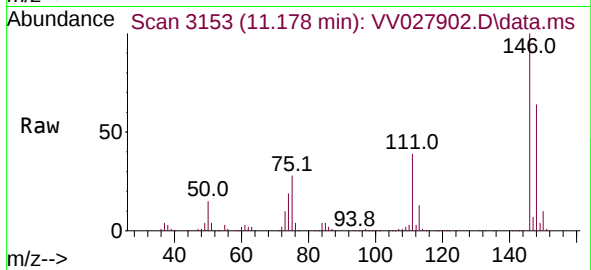
Tgt Ion:146 Resp: 718355

Ion Ratio Lower Upper

146 100

111 39.3 27.9 51.9

148 64.3 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 19.849 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

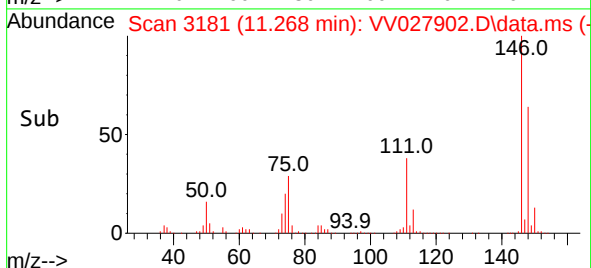
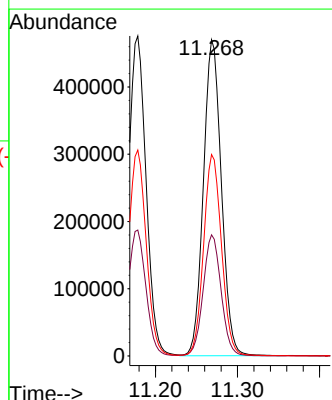
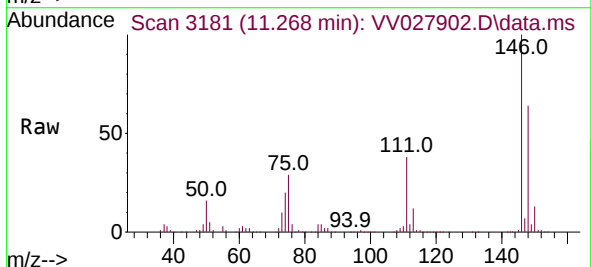
Tgt Ion:146 Resp: 714833

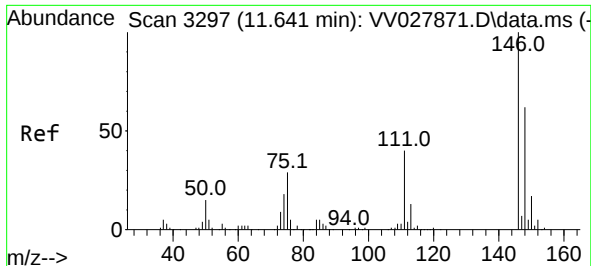
Ion Ratio Lower Upper

146 100

111 38.3 26.5 49.3

148 63.7 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 19.854 ug/L

RT: 11.638 min Scan# 3297

Delta R.T. -0.003 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :

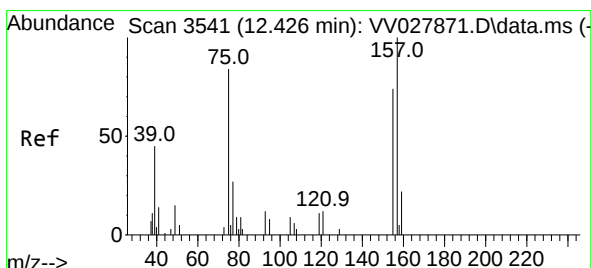
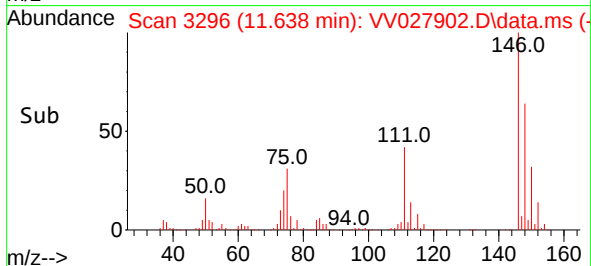
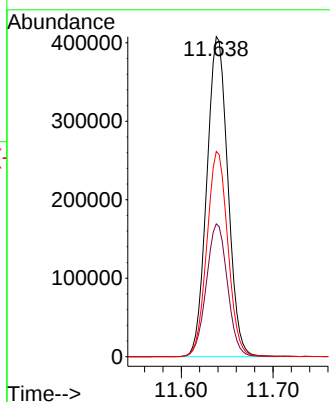
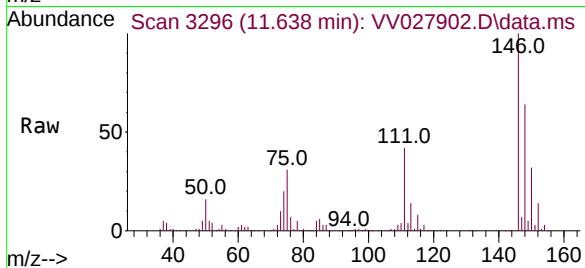
Tgt Ion:146 Resp: 649604

Ion Ratio Lower Upper

146 100

111 41.5 33.1 49.7

148 64.1 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.524 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

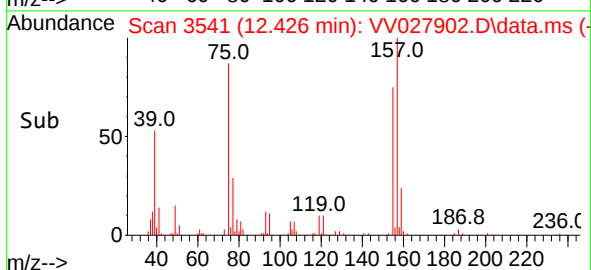
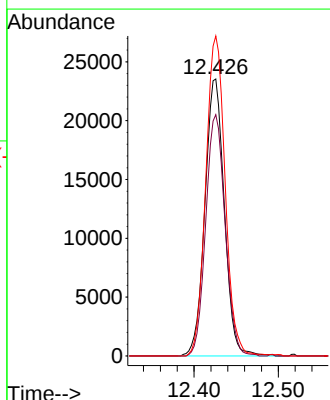
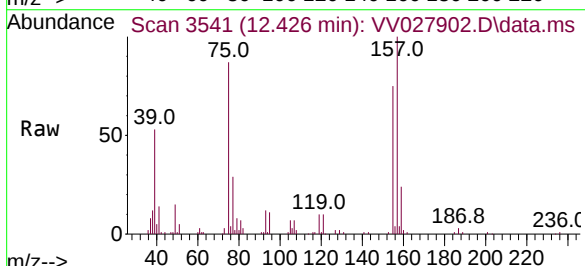
Tgt Ion: 75 Resp: 37802

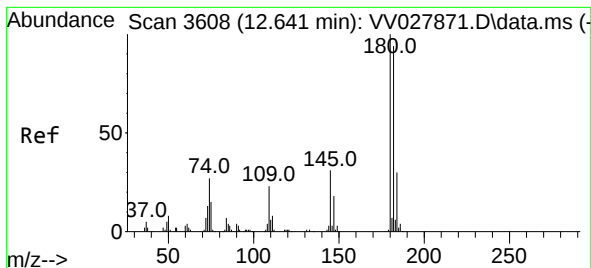
Ion Ratio Lower Upper

75 100

155 87.1 71.9 107.9

157 115.5 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 21.090 ug/L

RT: 12.641 min Scan# 30

Delta R.T. -0.003 min

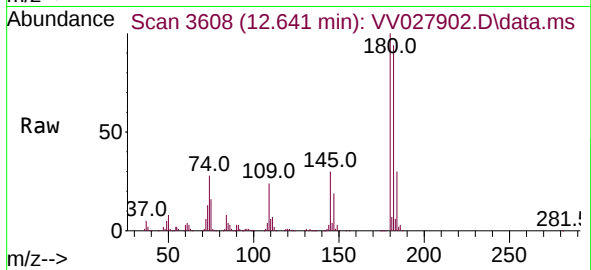
Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 607327

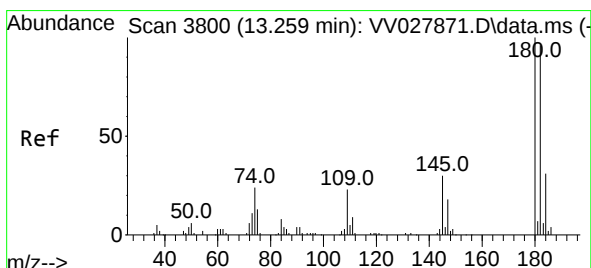
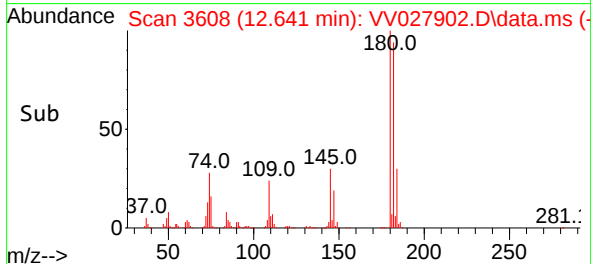
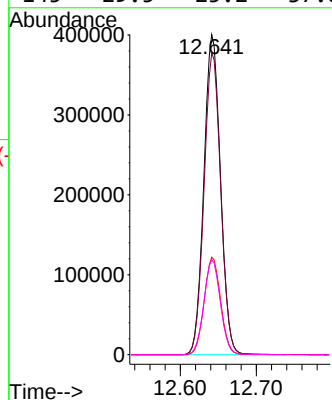
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

184 30.2 23.8 35.6

145 29.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 21.688 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027902.D

Acq: 17 Sep 2022 15:30

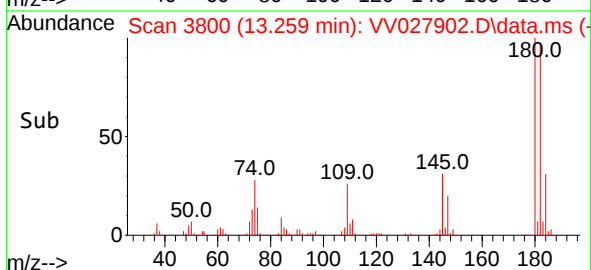
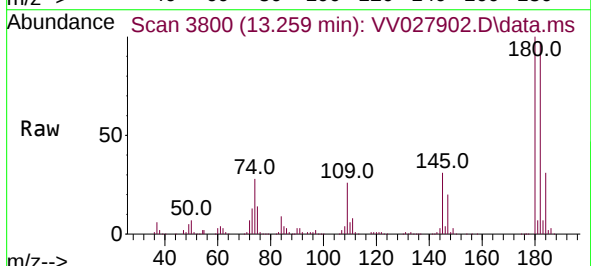
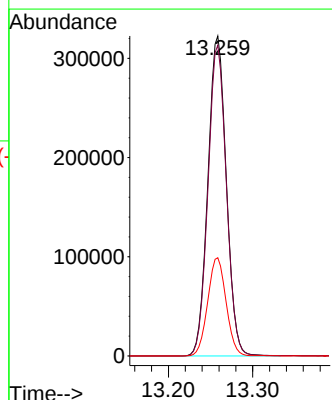
Tgt Ion:180 Resp: 491713

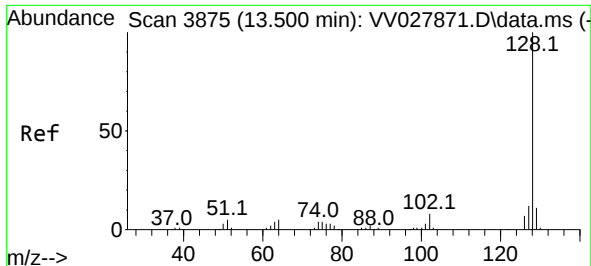
Ion Ratio Lower Upper

180 100

182 96.6 76.6 114.8

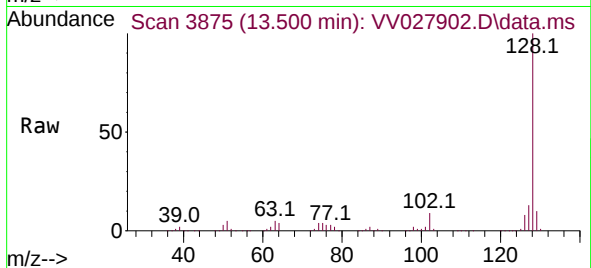
145 30.7 24.6 37.0



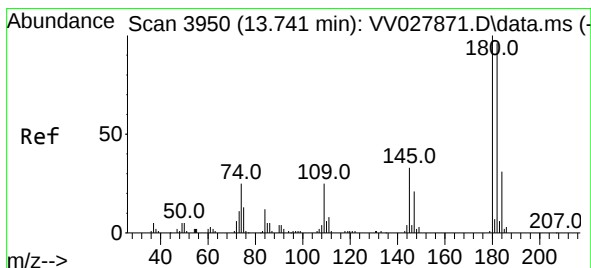
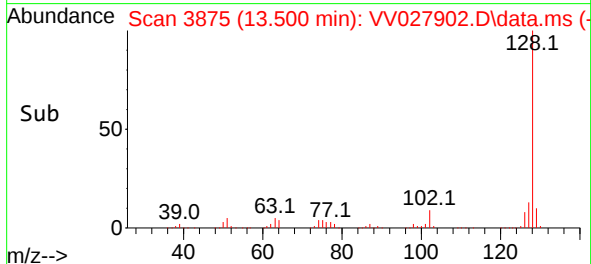
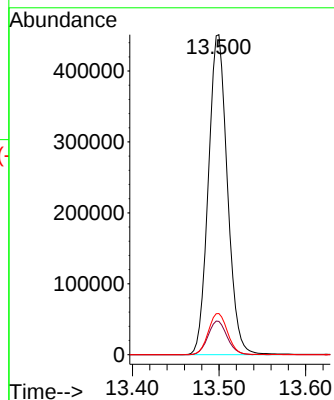


#71
Naphthalene
Concen: 21.868 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 689185
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 22.120 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027902.D
Acq: 17 Sep 2022 15:30

Tgt Ion:180 Resp: 426949
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
145 32.9 26.5 39.7

