

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029238.D
 Acq On : 20 Nov 2022 20:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	323403	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	295999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	156919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108200	5.488	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.800%		
7) Chloroethane-d5	1.568	69	84070	4.850	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.000%		
11) 1,1-Dichloroethene-d2	2.108	63	179721	5.002	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.000%		
20) 2-Butanone-d5	3.896	46	189721	57.484	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.960%		
24) Chloroform-d	4.343	84	191042	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.400%		
26) 1,2-Dichloroethane-d4	5.027	65	85161	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.600%		
32) Benzene-d6	5.047	84	399821	4.525	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.600%		
36) 1,2-Dichloropropane-d6	6.066	67	113504	4.601	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.000%		
41) Toluene-d8	7.310	98	363072	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.400%		
43) trans-1,3-Dichloroprop...	7.619	79	35487	4.410	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 88.200%		
46) 2-Hexanone-d5	8.085	63	172653	50.269	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.540%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83277	4.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.400%		
66) 1,2-Dichlorobenzene-d4	11.616	152	129297	4.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	116534	4.323	ug/L	97
3) Chloromethane	1.240	50	110330	4.931	ug/L	99
5) Vinyl chloride	1.311	62	118959	4.661	ug/L	96
6) Bromomethane	1.523	94	68735	4.506	ug/L	96
8) Chloroethane	1.584	64	73779	4.920	ug/L	96
9) Trichlorofluoromethane	1.751	101	167770	4.875	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94282	4.839	ug/L	99
12) 1,1-Dichloroethene	2.118	96	97156	4.963	ug/L	98
13) Acetone	2.188	43	110971	52.270	ug/L	97
14) Carbon disulfide	2.291	76	274424	3.947	ug/L	100
15) Methyl Acetate	2.439	43	26465	5.136	ug/L	95
16) Methylene chloride	2.503	84	113211	4.472	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	212848	5.071	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	106135	4.674	ug/L	98
19) 1,1-Dichloroethane	3.185	63	182859	4.926	ug/L	99
21) 2-Butanone	3.982	43	187697	57.104	ug/L	95
22) cis-1,2-Dichloroethene	3.909	96	116515	5.047	ug/L	97
23) Bromochloromethane	4.243	128	48670	4.985	ug/L	94
25) Chloroform	4.368	83	190843	4.904	ug/L	97

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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:01:13 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

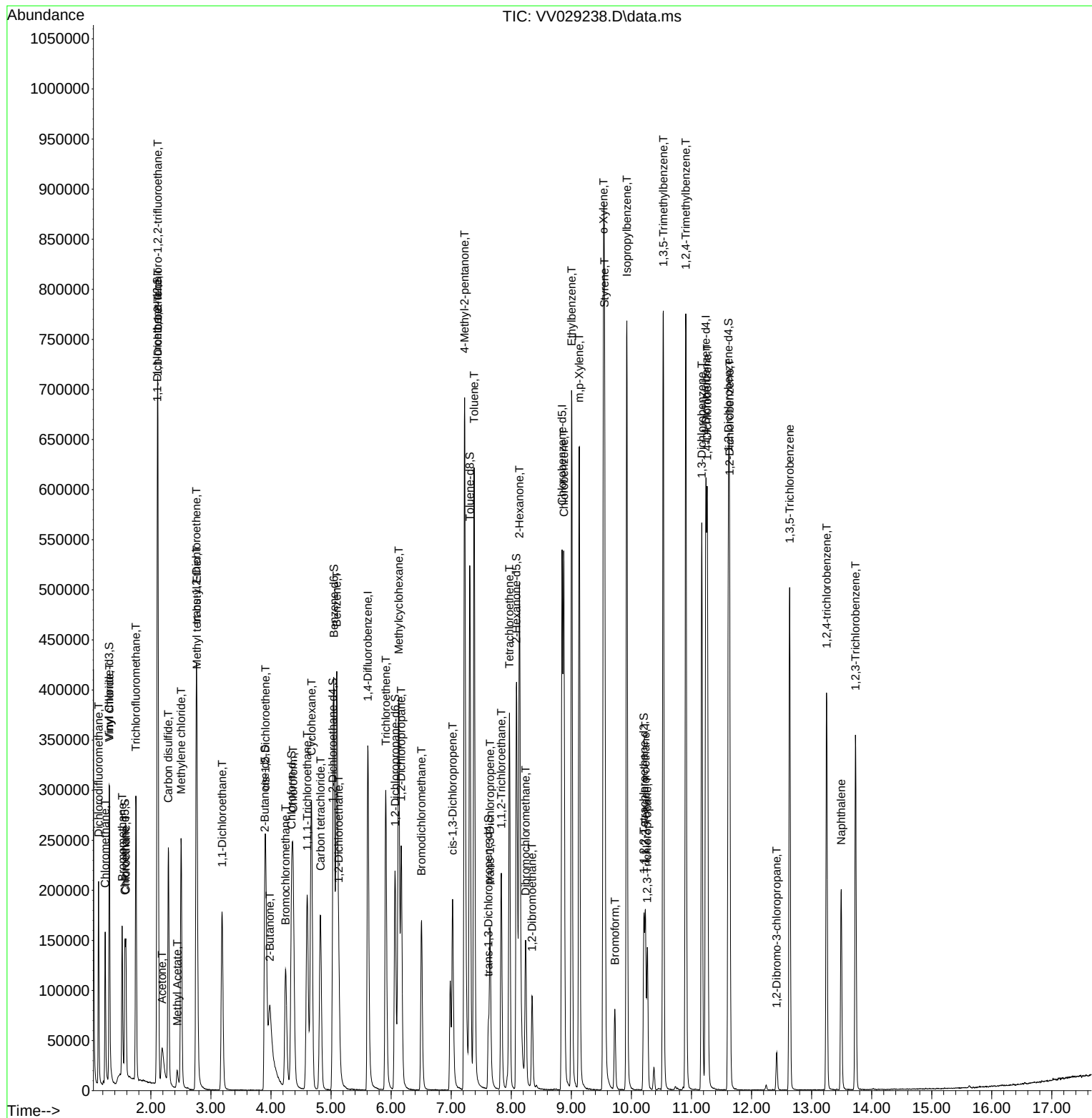
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	100220	5.000	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	162186	4.669	ug/L	99
30) Cyclohexane	4.674	56	161086	4.563	ug/L	99
31) Carbon tetrachloride	4.825	117	135718	4.537	ug/L	100
33) Benzene	5.095	78	443191	4.900	ug/L	100
34) Trichloroethene	5.912	95	109875	4.745	ug/L	97
35) Methylcyclohexane	6.127	83	173719	4.269	ug/L	98
37) 1,2-Dichloropropane	6.169	63	100113	4.800	ug/L	100
38) Bromodichloromethane	6.506	83	122987	4.656	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	118308	4.063	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	488022	54.380	ug/L	97
42) Toluene	7.381	91	471906	4.829	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	100134	4.429	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	71930	5.268	ug/L	97
47) Tetrachloroethene	7.969	164	90081	4.858	ug/L	97
48) 2-Hexanone	8.137	43	350597	55.771	ug/L	99
49) Dibromochloromethane	8.240	129	75527	4.575	ug/L	100
50) 1,2-Dibromoethane	8.346	107	65847	5.191	ug/L	100
51) Chlorobenzene	8.876	112	302160	5.001	ug/L	100
52) Ethylbenzene	9.005	91	496798	4.883	ug/L	99
53) m,p-Xylene	9.133	106	194915	4.817	ug/L	98
54) o-Xylene	9.535	106	193175	5.023	ug/L	100
55) Styrene	9.555	104	327908	5.083	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	84778	5.327	ug/L	100
59) Bromoform	9.725	173	37448	4.378	ug/L	97
60) Isopropylbenzene	9.924	105	507567	4.983	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	58316	5.438	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	425197	4.928	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	426809	4.938	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	238715	4.988	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	234374	4.872	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	212235	4.936	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9565	4.533	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.635	180	166845	4.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	124212	4.448	ug/L	97
71) Naphthalene	13.493	128	169274	4.698	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111628	4.719	ug/L	98

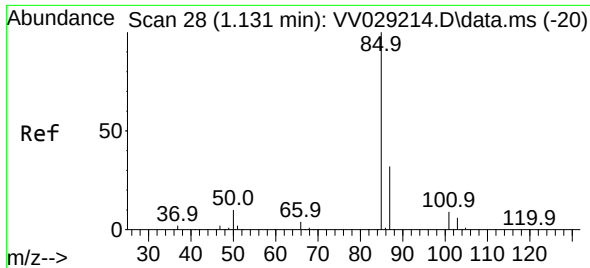
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 Data File : VV029238.D
 Acq On : 20 Nov 2022 20:54
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

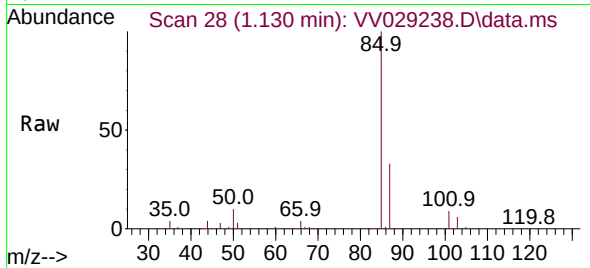
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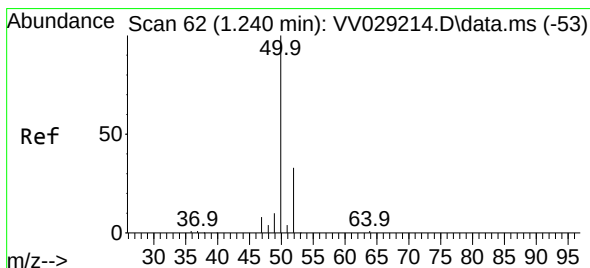
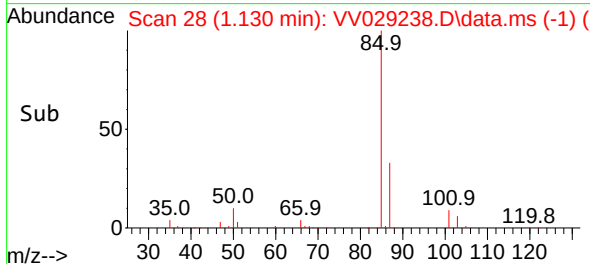
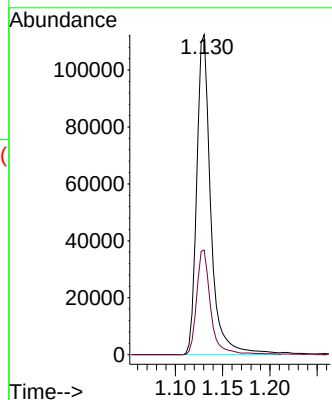


#2
 Dichlorodifluoromethane
 Concen: 4.323 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029238.D
 Acq: 20 Nov 2022 20:54

Instrument :
 MSVOA_V
 ClientSampleId :

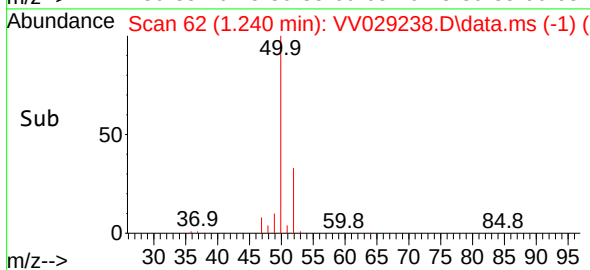
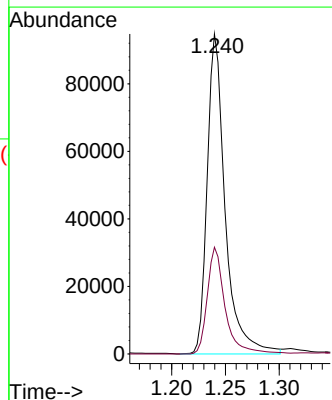
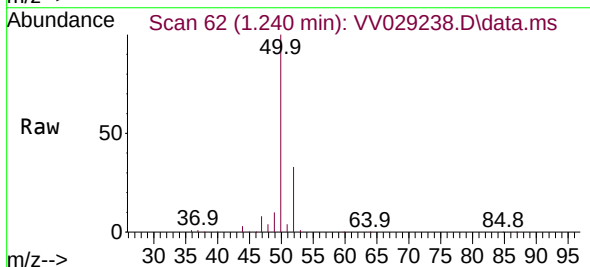


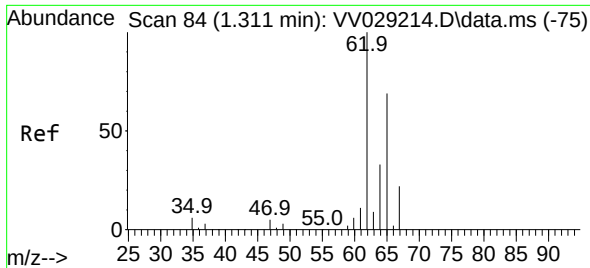
Tgt Ion: 85 Resp: 116534
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.0 37.4



#3
 Chloromethane
 Concen: 4.931 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029238.D
 Acq: 20 Nov 2022 20:54

Tgt Ion: 50 Resp: 110330
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

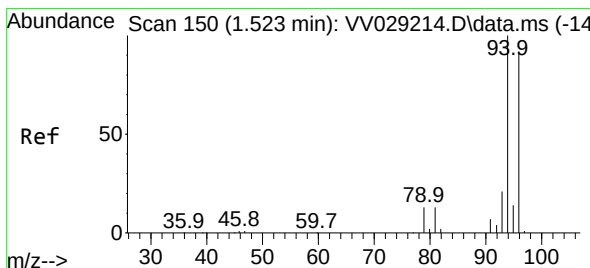
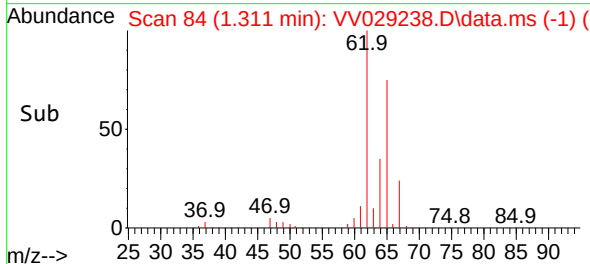
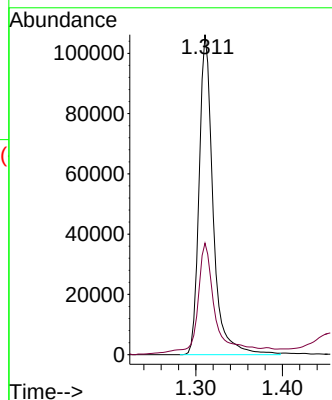
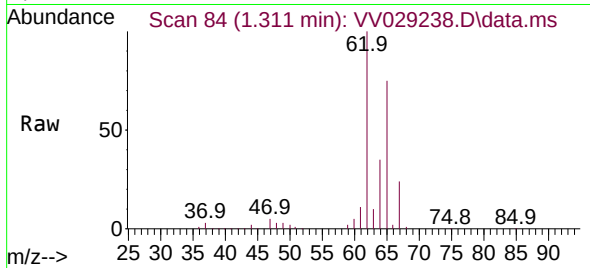




#5
 Vinyl chloride
 Concen: 4.661 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029238.D
 Acq: 20 Nov 2022 20:54

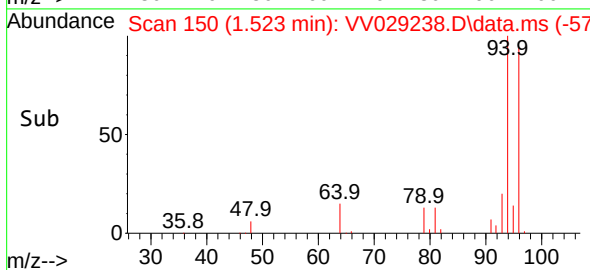
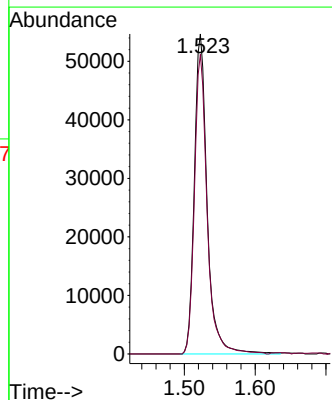
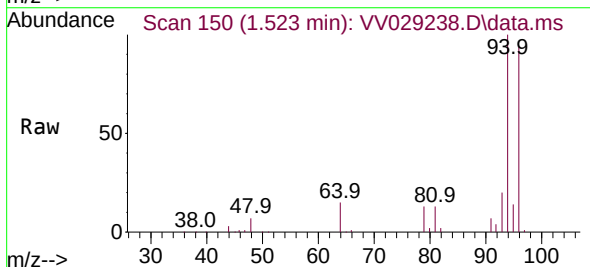
Instrument :
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 ClientSampleId :

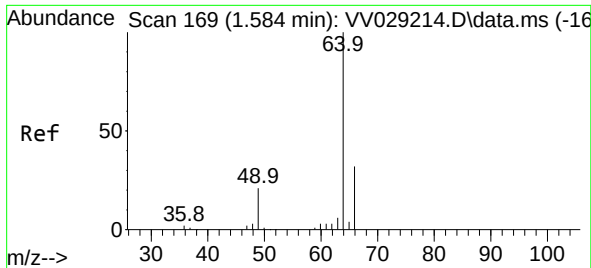
Tgt Ion: 62 Resp: 118959
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.8 42.4



#6
 Bromomethane
 Concen: 4.506 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV029238.D
 Acq: 20 Nov 2022 20:54

Tgt Ion: 94 Resp: 68735
 Ion Ratio Lower Upper
 94 100
 96 93.7 68.5 127.3

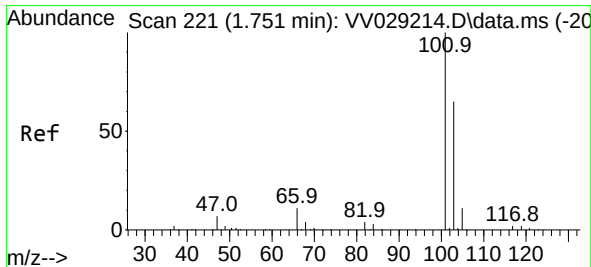
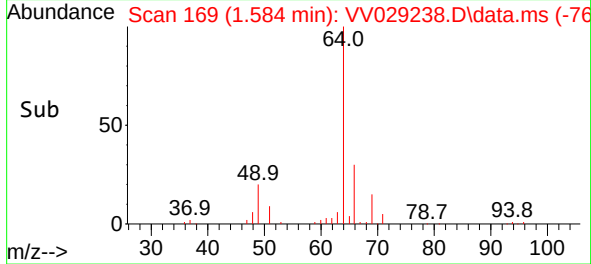
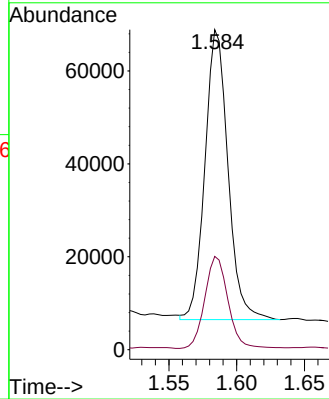
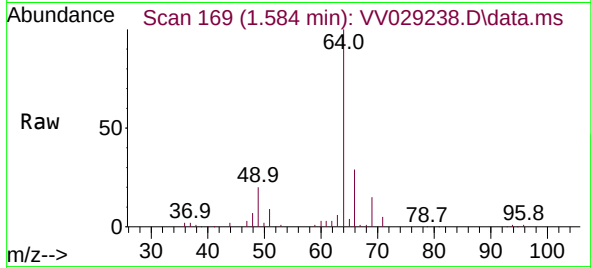




#8
Chloroethane
Concen: 4.920 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

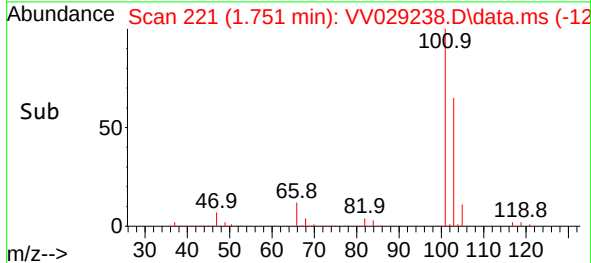
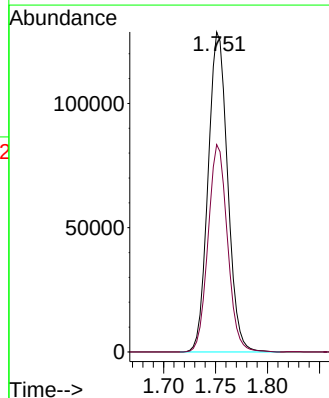
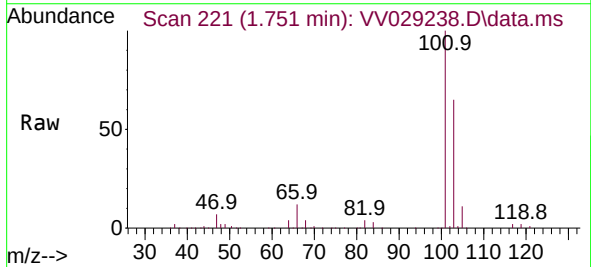
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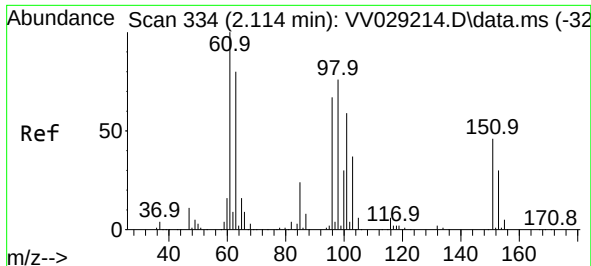
Tgt Ion: 64 Resp: 73779
Ion Ratio Lower Upper
64 100
66 29.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.875 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion:101 Resp: 167770
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.839 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :

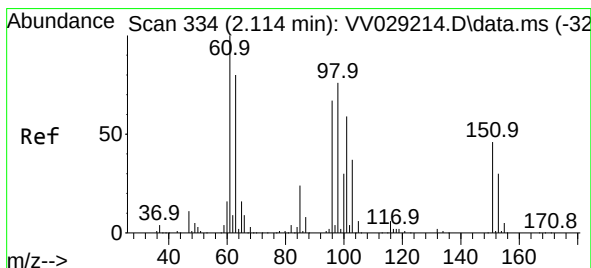
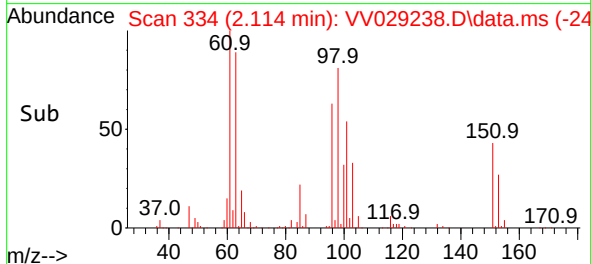
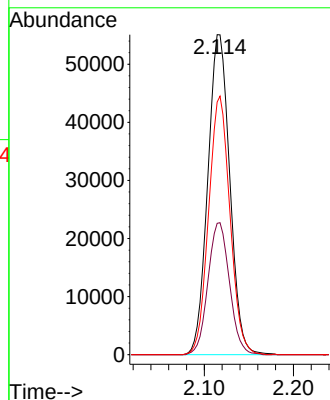
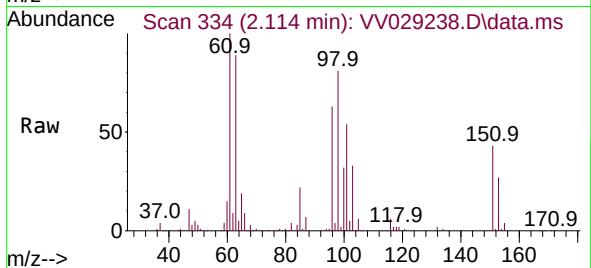
Tgt Ion:101 Resp: 94282

Ion Ratio Lower Upper

101 100

85 40.3 32.9 49.3

151 78.4 62.5 93.7



#12

1,1-Dichloroethene

Concen: 4.963 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

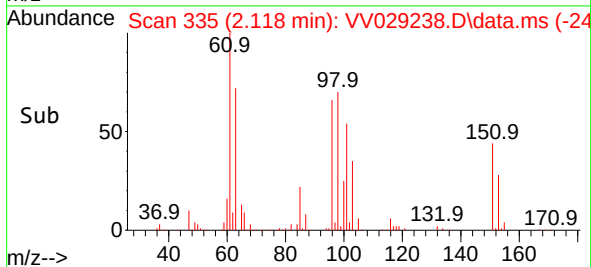
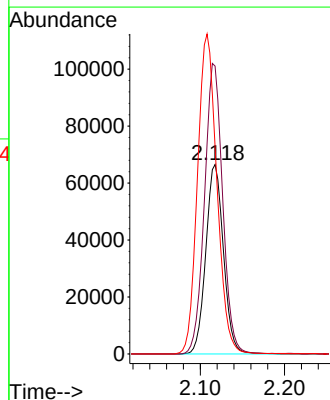
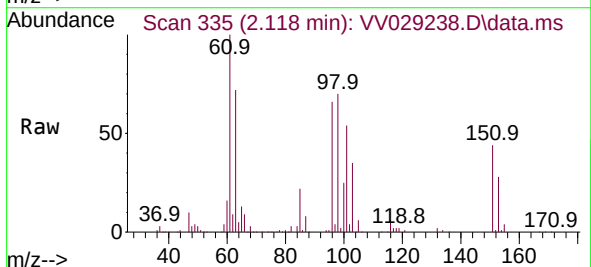
Tgt Ion: 96 Resp: 97156

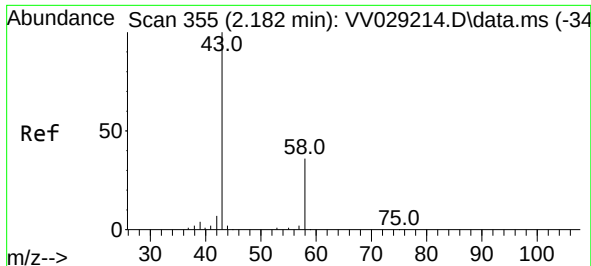
Ion Ratio Lower Upper

96 100

61 152.0 104.2 193.4

63 109.5 75.9 140.9





#13

Acetone

Concen: 52.270 ug/L

RT: 2.188 min Scan# 355

Delta R.T. 0.006 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

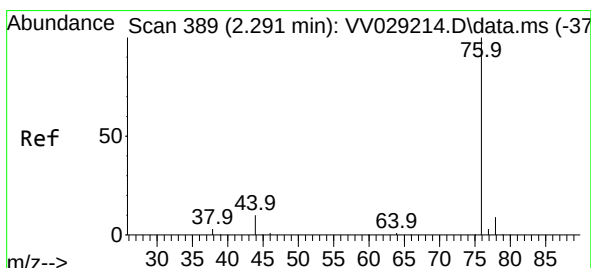
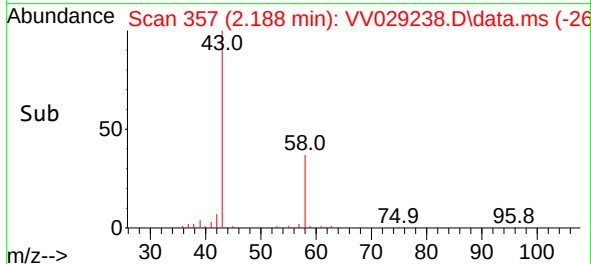
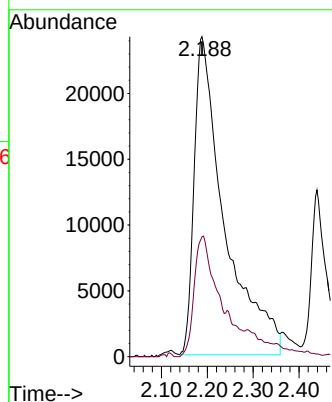
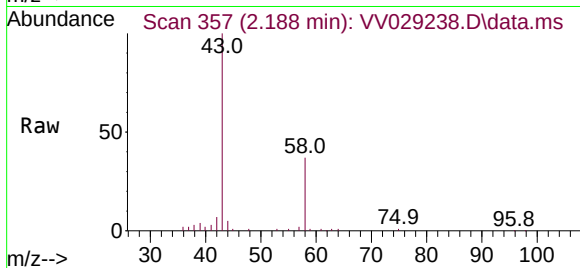
ClientSampleId :

Tgt Ion: 43 Resp: 110971

Ion Ratio Lower Upper

43 100

58 26.6 0.0 56.6



#14

Carbon disulfide

Concen: 3.947 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029238.D

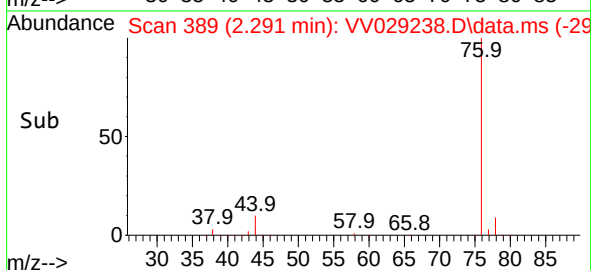
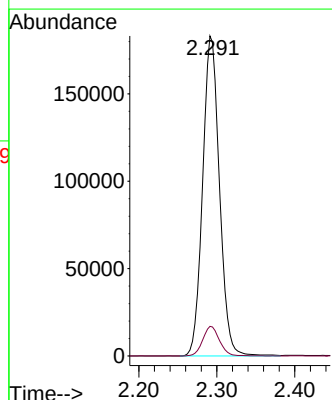
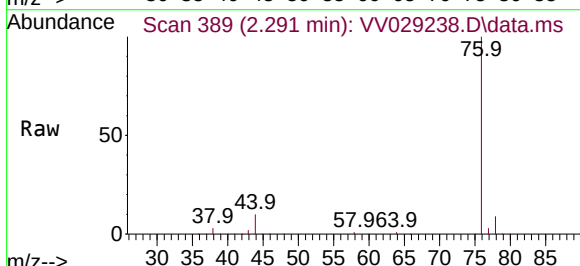
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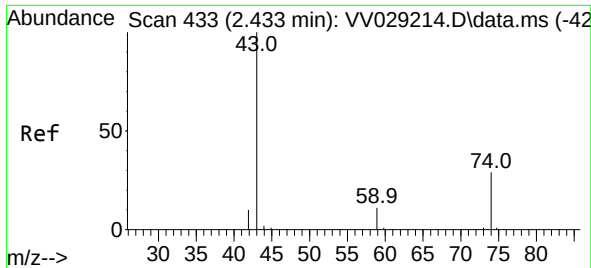
Tgt Ion: 76 Resp: 274424

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

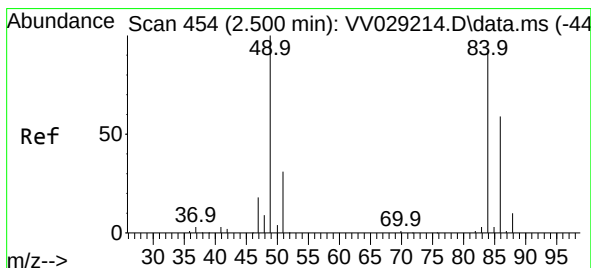
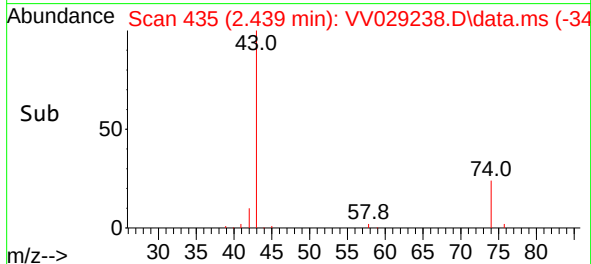
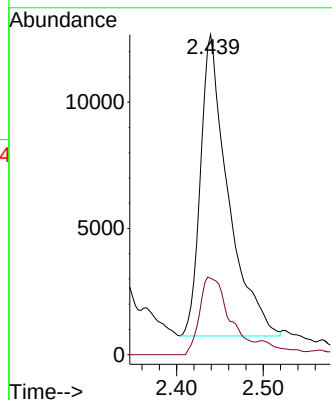
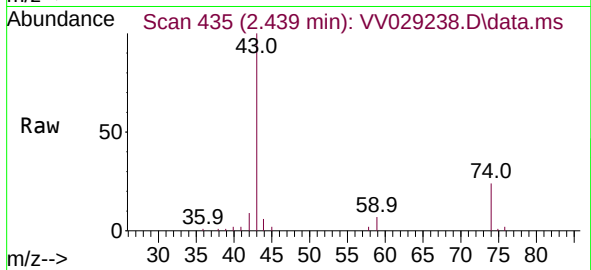




#15
Methyl Acetate
Concen: 5.136 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

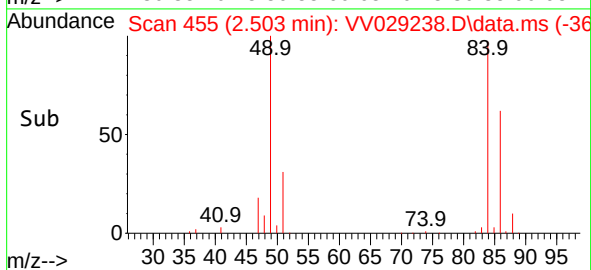
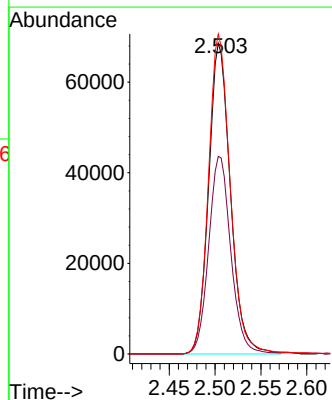
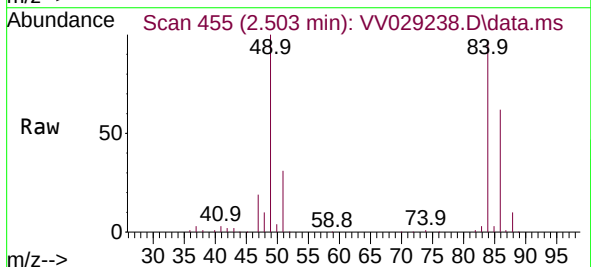
Instrument :
MSVOA_V
ClientSampleId :

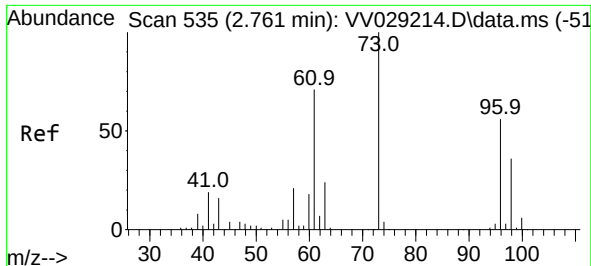
Tgt Ion: 43 Resp: 26465
Ion Ratio Lower Upper
43 100
74 27.9 24.6 37.0



#16
Methylene chloride
Concen: 4.472 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion: 84 Resp: 113211
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.0
49 103.0 75.5 140.1

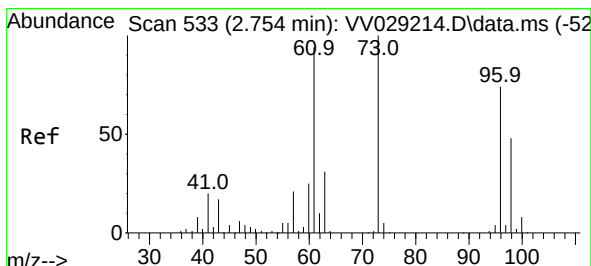
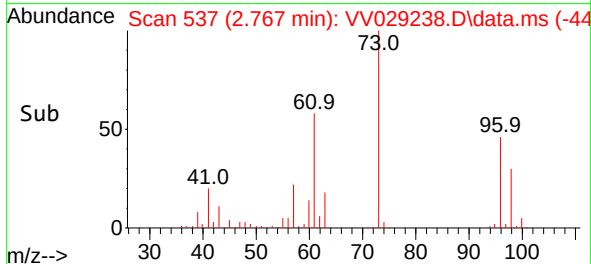
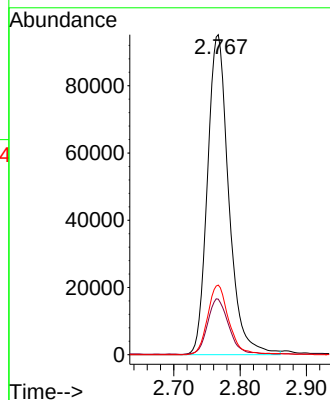
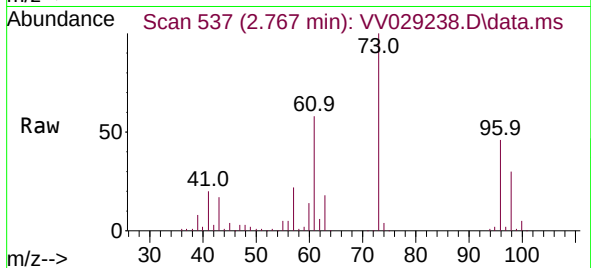




#17
Methyl tert-butyl Ether
Concen: 5.071 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

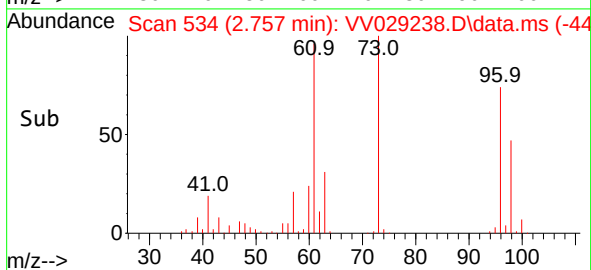
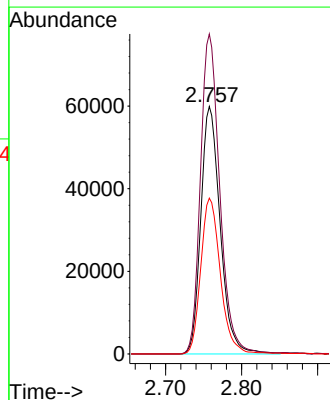
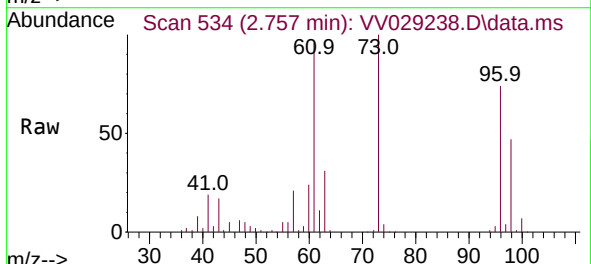
Instrument :
MSVOA_V
ClientSampleId :

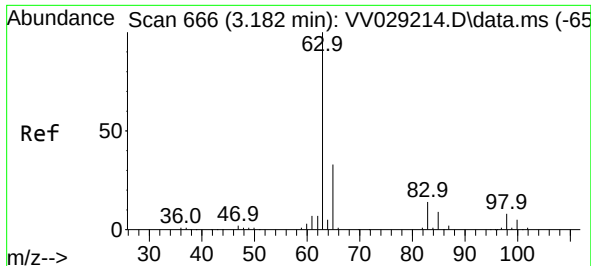
Tgt Ion: 73 Resp: 212848
Ion Ratio Lower Upper
73 100
43 17.1 13.0 19.4
57 21.6 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.674 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion: 96 Resp: 106135
Ion Ratio Lower Upper
96 100
61 129.3 91.8 170.6
98 63.0 46.4 86.2





#19

1,1-Dichloroethane

Concen: 4.926 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :

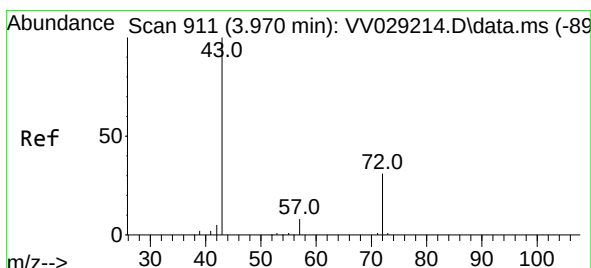
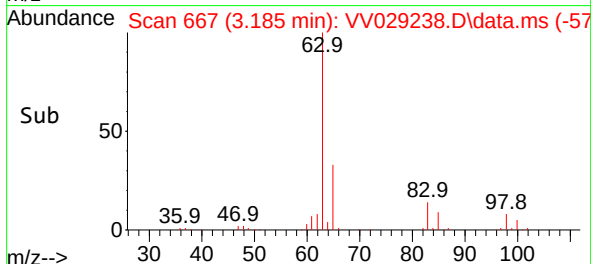
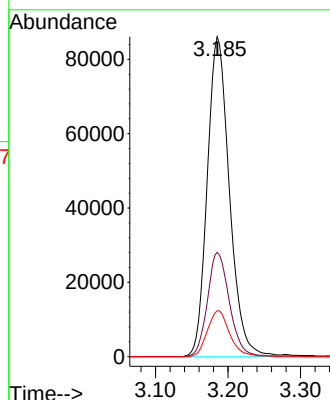
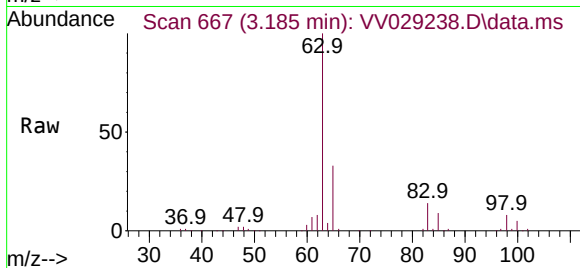
Tgt Ion: 63 Resp: 182859

Ion Ratio Lower Upper

63 100

65 32.6 23.0 42.6

83 14.3 9.4 17.6



#21

2-Butanone

Concen: 57.104 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV029238.D

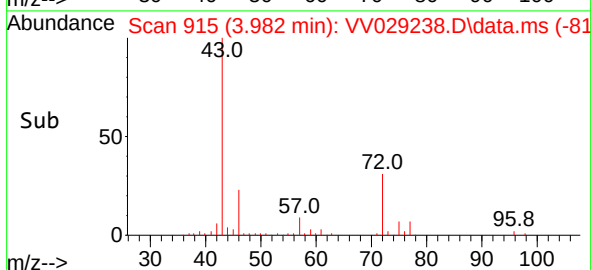
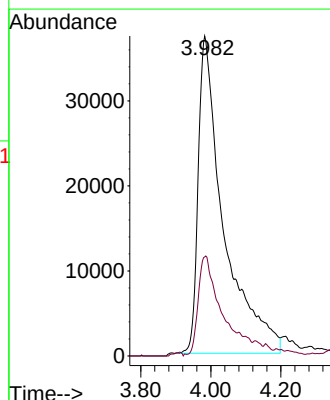
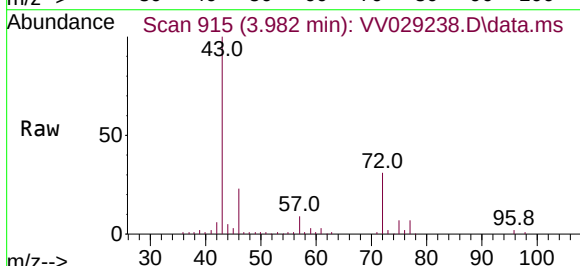
Acq: 20 Nov 2022 20:54

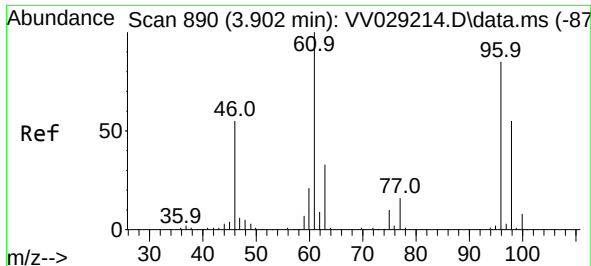
Tgt Ion: 43 Resp: 187697

Ion Ratio Lower Upper

43 100

72 26.4 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.047 ug/L

RT: 3.909 min Scan# 890

Delta R.T. 0.006 min

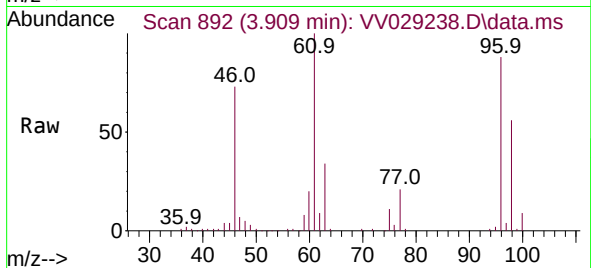
Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :



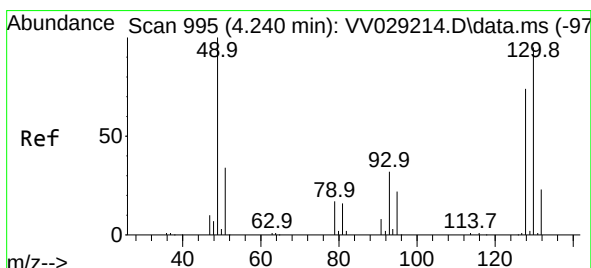
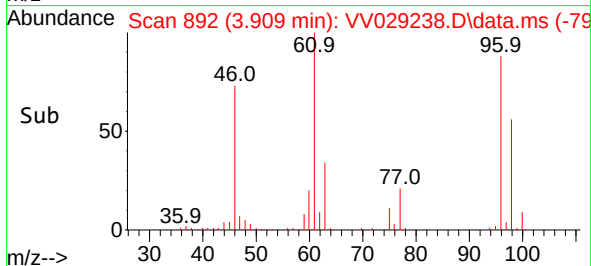
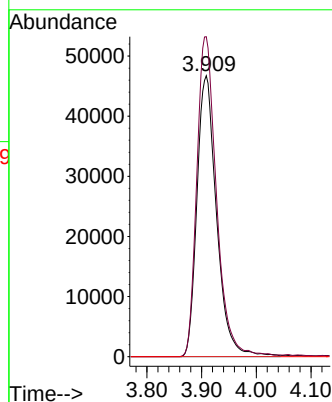
Tgt Ion: 96 Resp: 116515

Ion Ratio Lower Upper

96 100

61 113.9 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.985 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Tgt Ion: 128 Resp: 48670

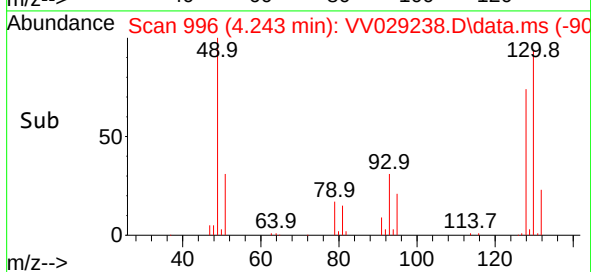
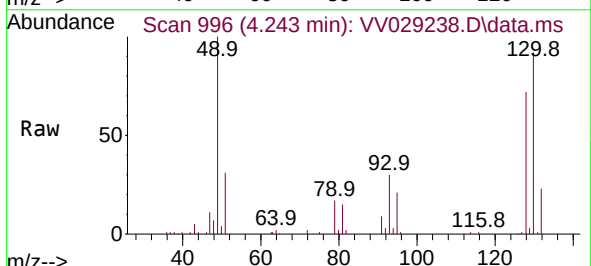
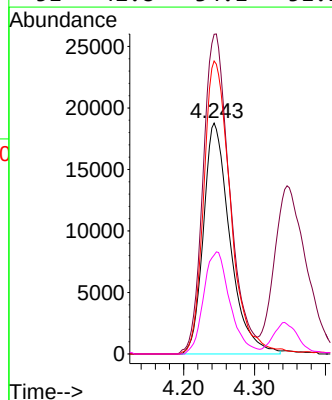
Ion Ratio Lower Upper

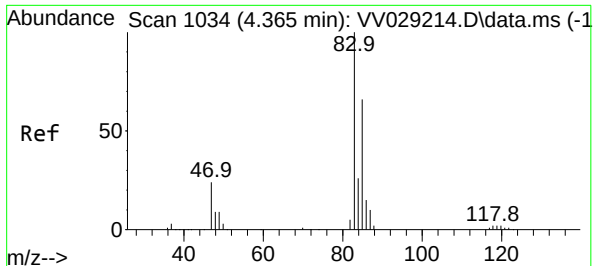
128 100

49 138.4 89.5 166.1

130 126.9 84.4 156.8

51 42.8 34.1 51.1





#25

Chloroform

Concen: 4.904 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

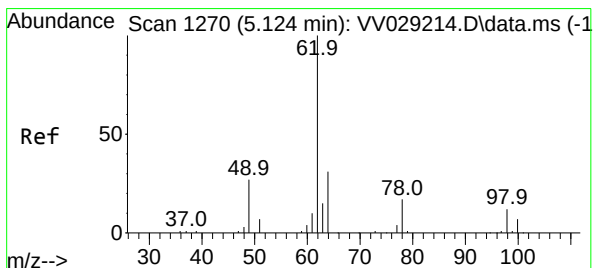
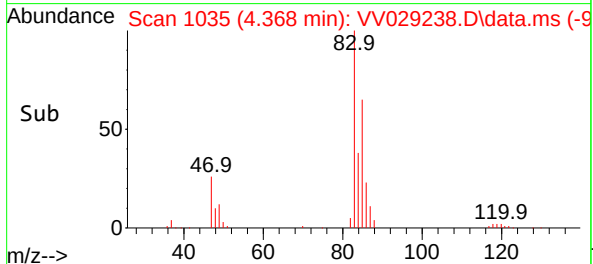
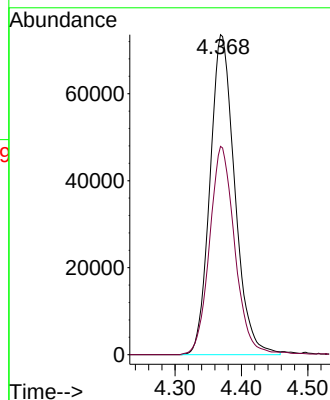
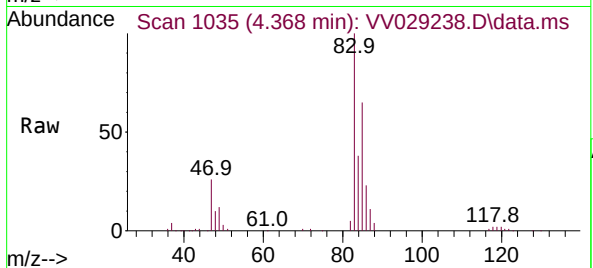
ClientSampleId :

Tgt Ion: 83 Resp: 190843

Ion Ratio Lower Upper

83 100

85 65.1 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.000 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV029238.D

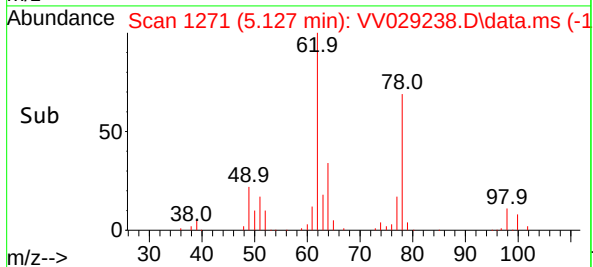
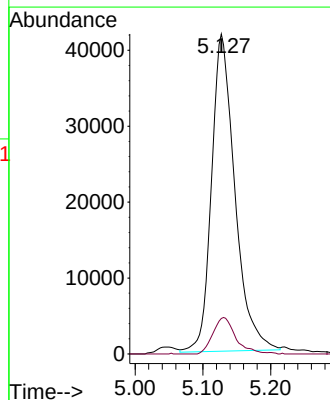
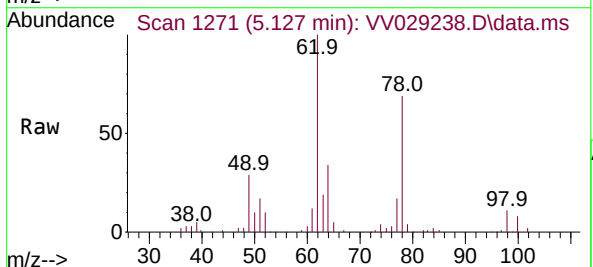
Acq: 20 Nov 2022 20:54

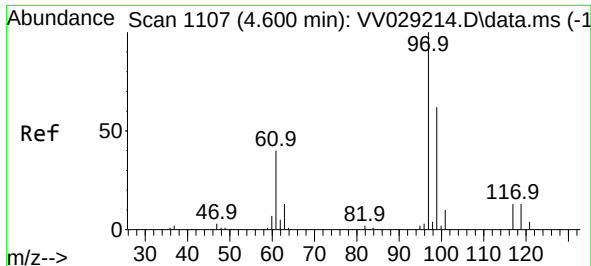
Tgt Ion: 62 Resp: 100220

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.669 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :

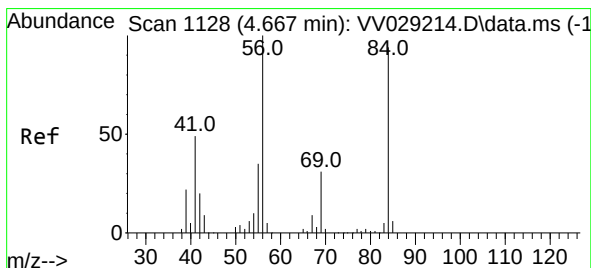
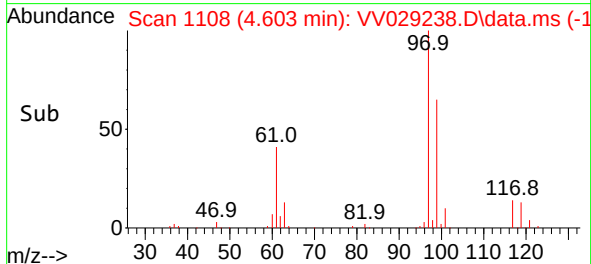
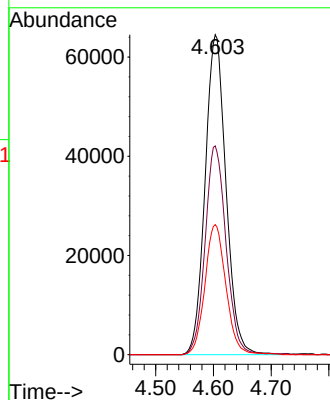
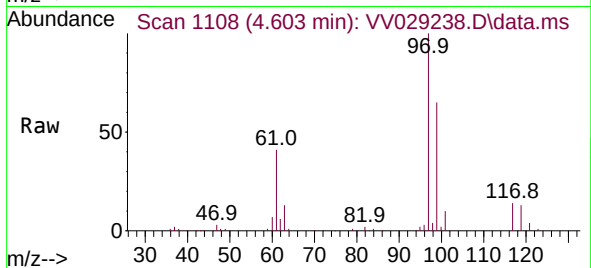
Tgt Ion: 97 Resp: 162186

Ion Ratio Lower Upper

97 100

99 65.4 52.7 79.1

61 41.0 33.8 50.6



#30

Cyclohexane

Concen: 4.563 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

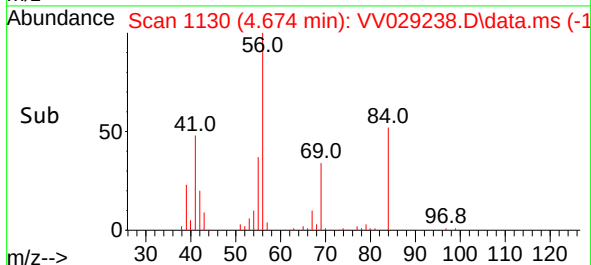
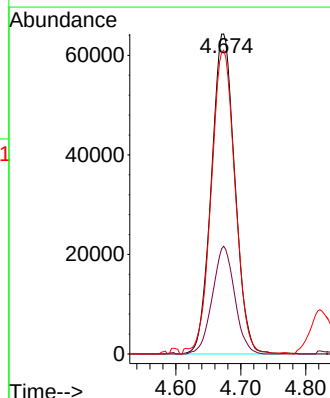
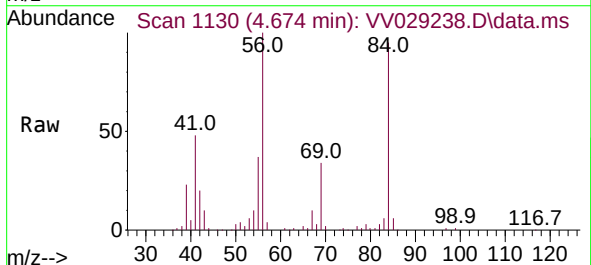
Tgt Ion: 56 Resp: 161086

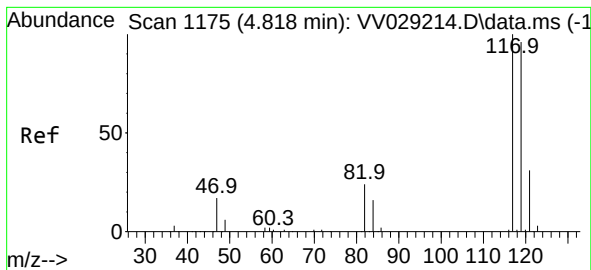
Ion Ratio Lower Upper

56 100

69 32.0 26.1 39.1

84 96.6 77.9 116.9





#31

Carbon tetrachloride

Concen: 4.537 ug/L

RT: 4.825 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

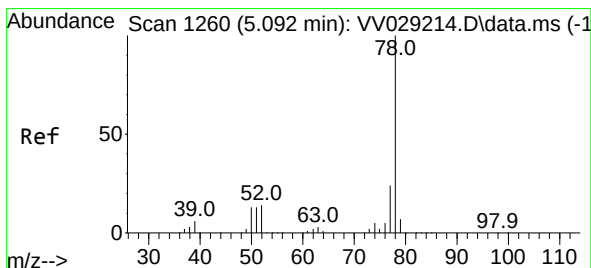
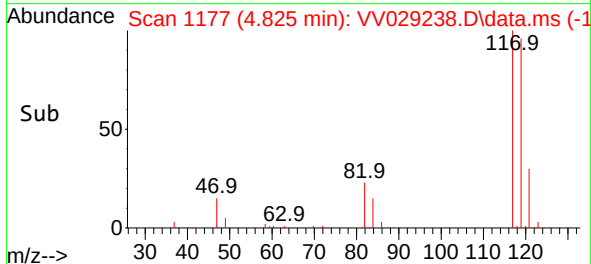
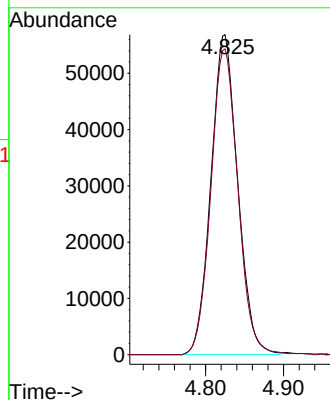
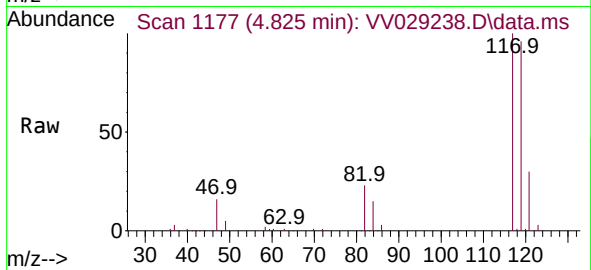
ClientSampleId :

Tgt Ion:117 Resp: 135718

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6



#33

Benzene

Concen: 4.900 ug/L

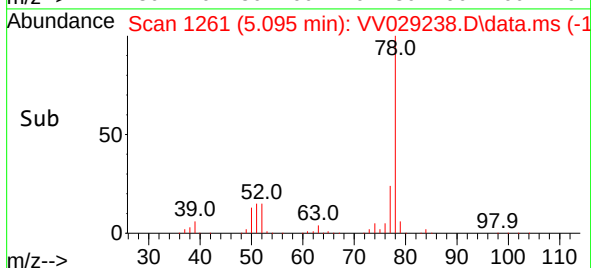
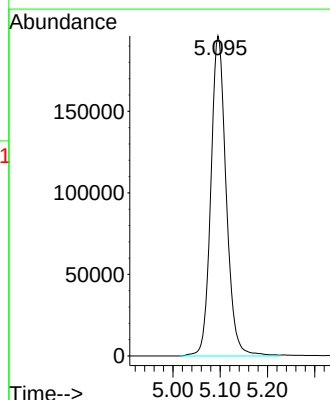
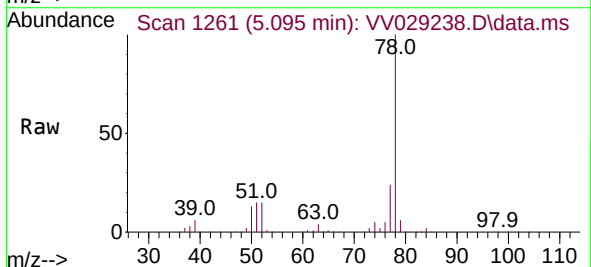
RT: 5.095 min Scan# 1261

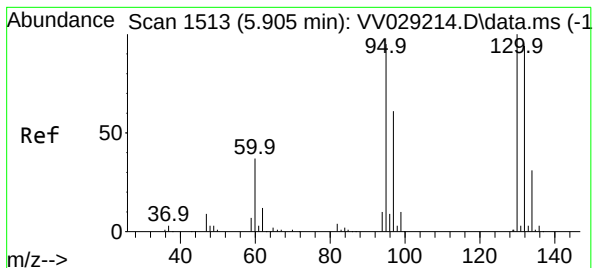
Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Tgt Ion: 78 Resp: 443191





#34

Trichloroethene

Concen: 4.745 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 109875

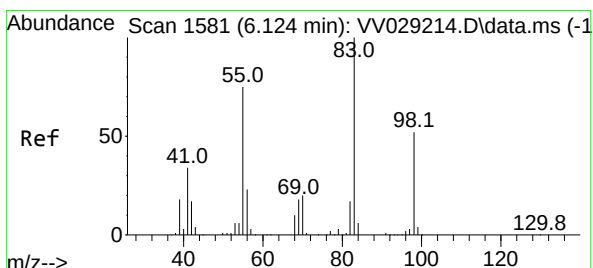
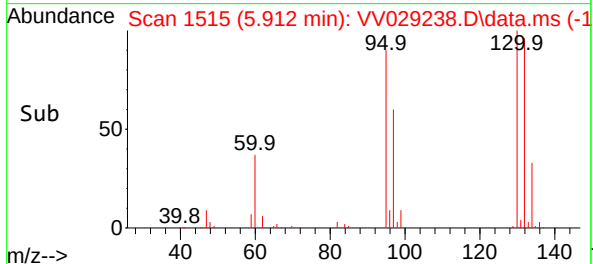
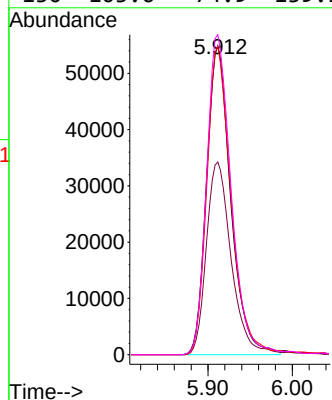
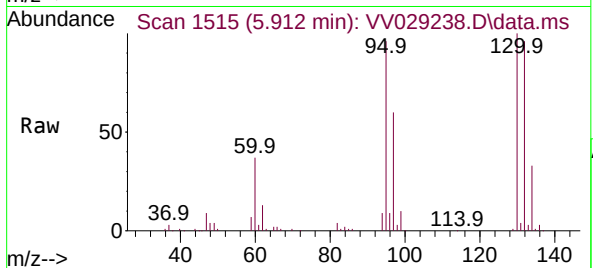
Ion Ratio Lower Upper

95 100

97 62.4 45.6 84.8

132 99.8 69.1 128.3

130 103.6 74.9 139.1



#35

Methylcyclohexane

Concen: 4.269 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

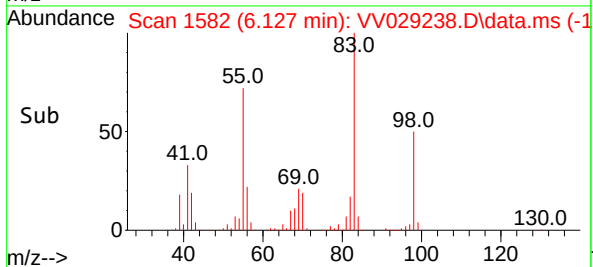
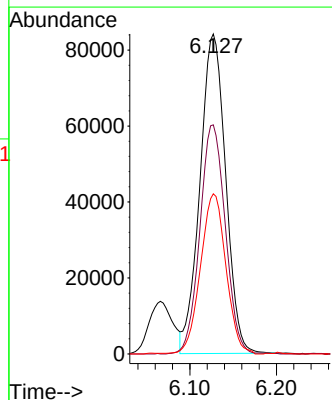
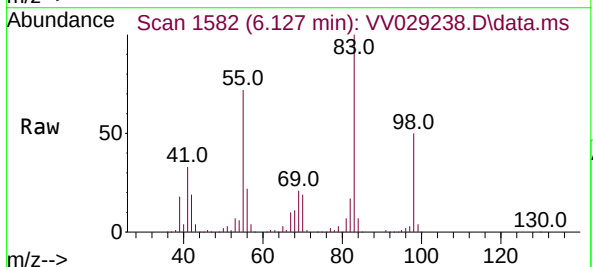
Tgt Ion: 83 Resp: 173719

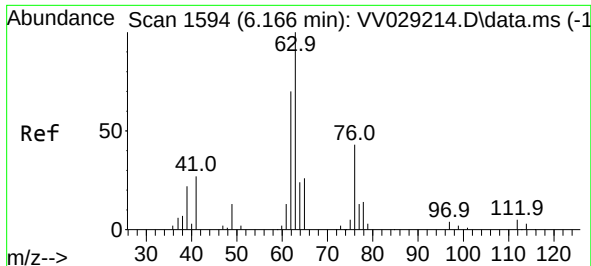
Ion Ratio Lower Upper

83 100

55 70.9 55.8 83.6

98 49.6 38.2 57.2





#37

1,2-Dichloropropane

Concen: 4.800 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

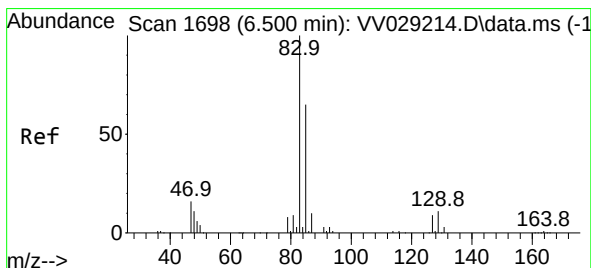
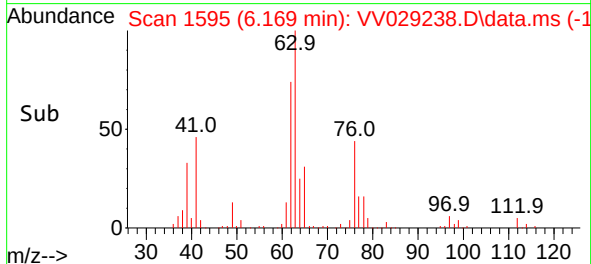
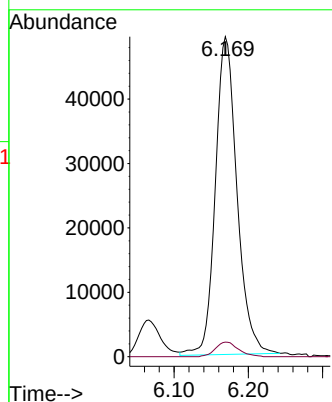
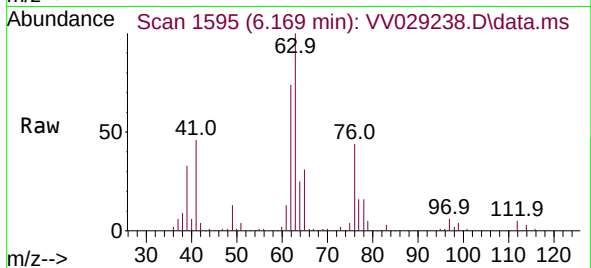
ClientSampleId :

Tgt Ion: 63 Resp: 100113

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 4.656 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

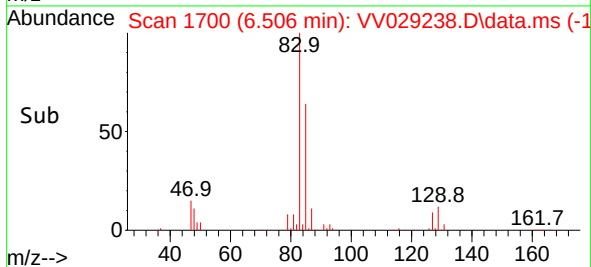
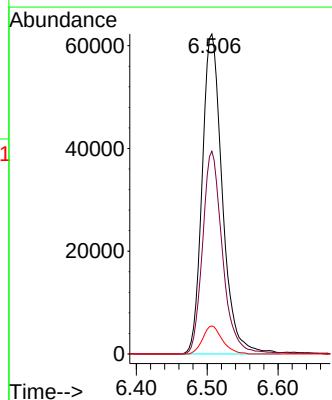
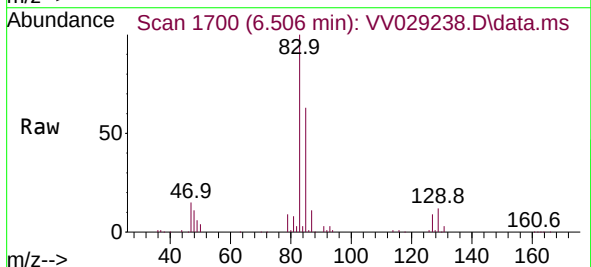
Tgt Ion: 83 Resp: 122987

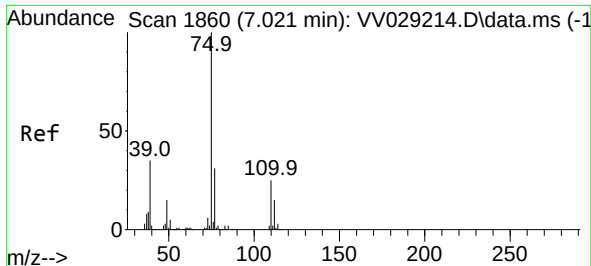
Ion Ratio Lower Upper

83 100

85 63.3 46.1 85.5

127 8.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.063 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

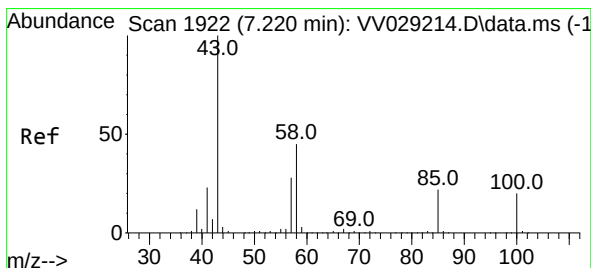
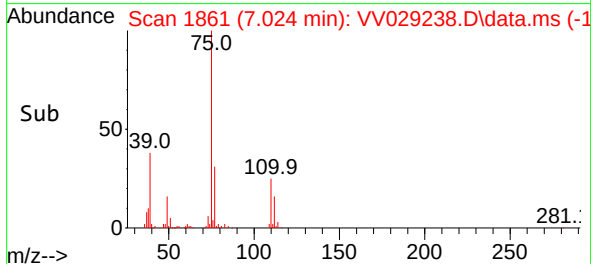
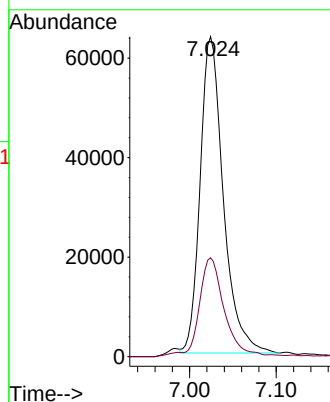
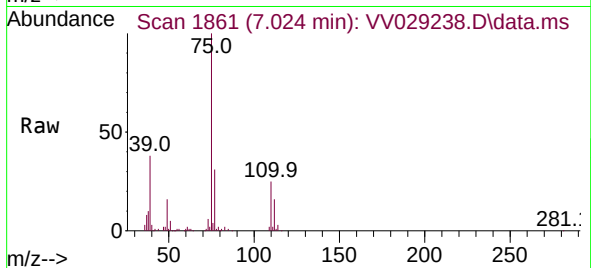
ClientSampleId :

Tgt Ion: 75 Resp: 118308

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.380 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

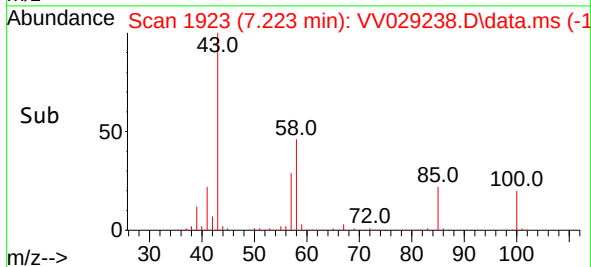
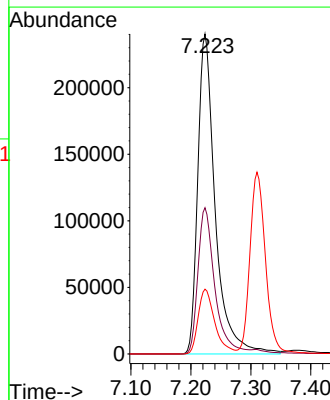
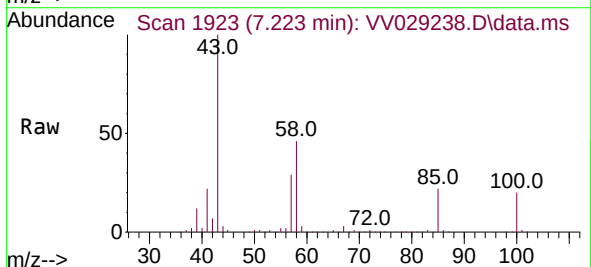
Tgt Ion: 43 Resp: 488022

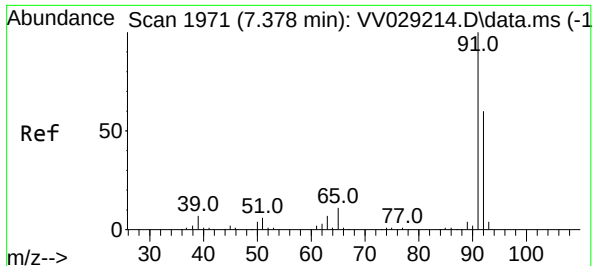
Ion Ratio Lower Upper

43 100

58 44.1 36.6 55.0

100 19.3 14.5 21.7





#42

Toluene

Concen: 4.829 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

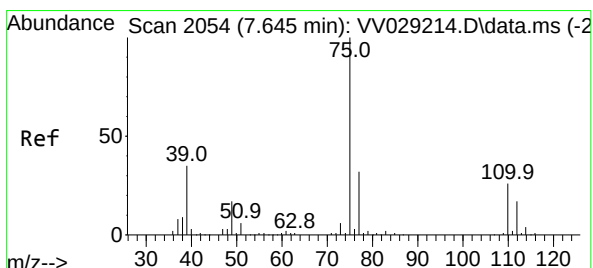
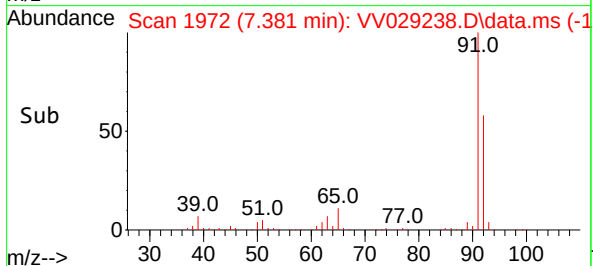
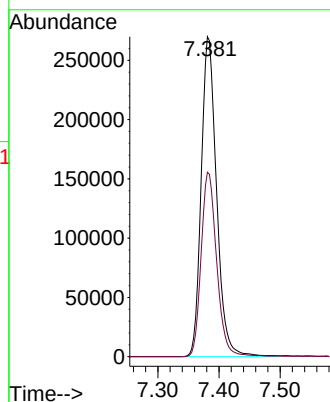
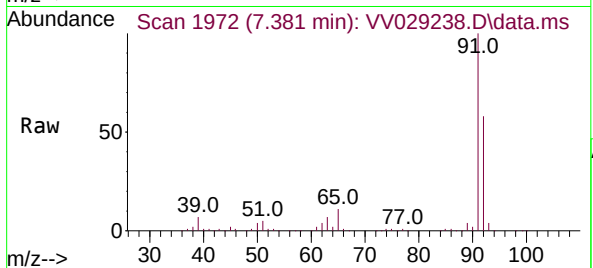
ClientSampleId :

Tgt Ion: 91 Resp: 471906

Ion Ratio Lower Upper

91 100

92 57.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.429 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029238.D

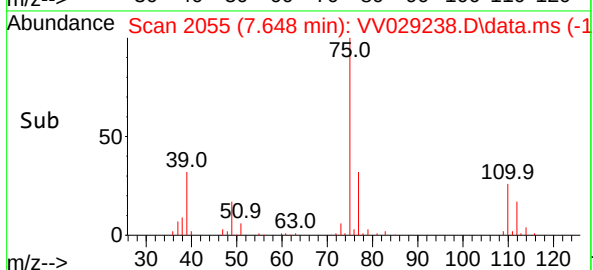
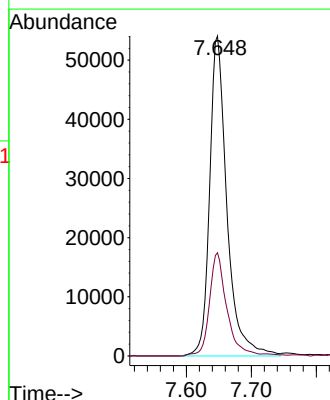
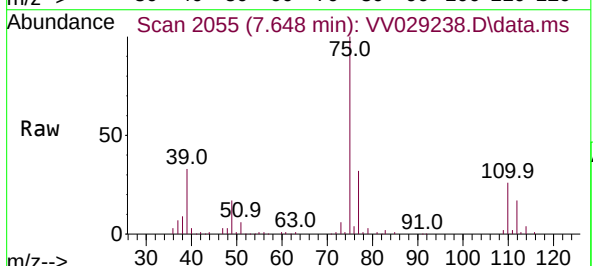
Acq: 20 Nov 2022 20:54

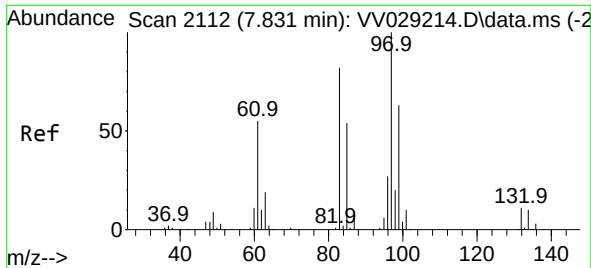
Tgt Ion: 75 Resp: 100134

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2



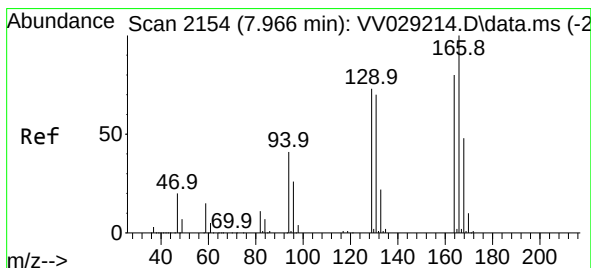
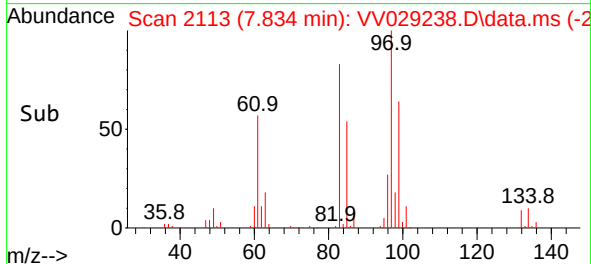
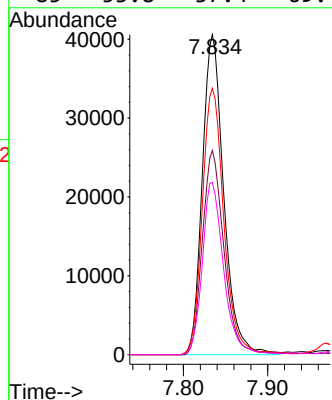
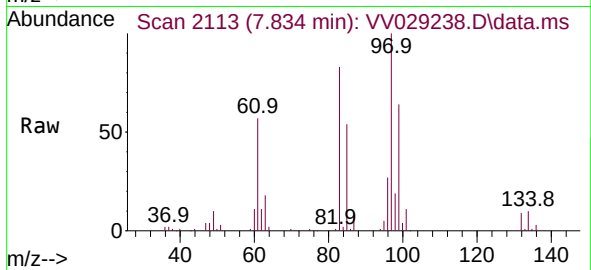


#45
1,1,2-Trichloroethane
Concen: 5.268 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 71930

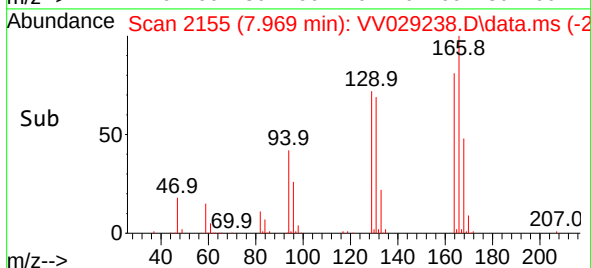
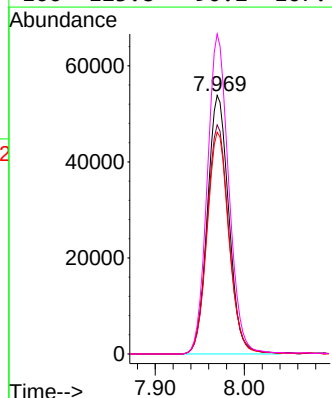
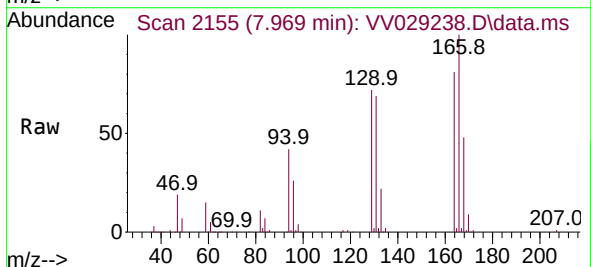
Ion	Ratio	Lower	Upper
97	100		
99	63.8	41.5	77.1
83	83.3	60.0	111.4
85	53.8	37.4	69.4

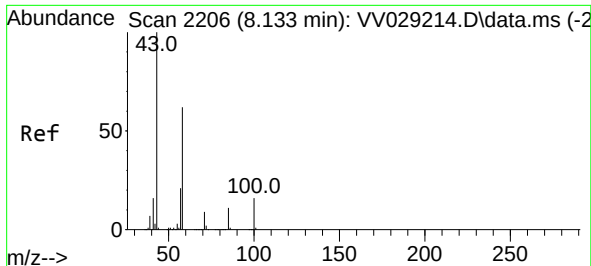


#47
Tetrachloroethene
Concen: 4.858 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion: 164 Resp: 90081

Ion	Ratio	Lower	Upper
164	100		
129	88.7	63.9	118.7
131	85.8	61.8	114.8
166	123.8	90.2	167.4

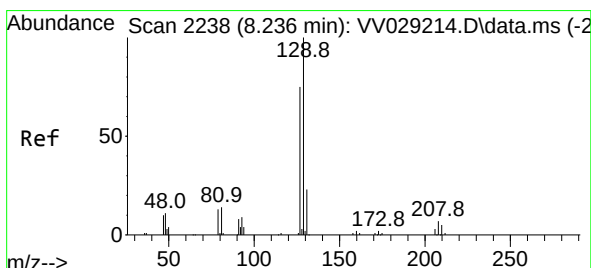
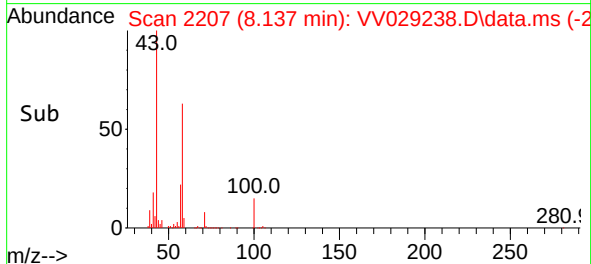
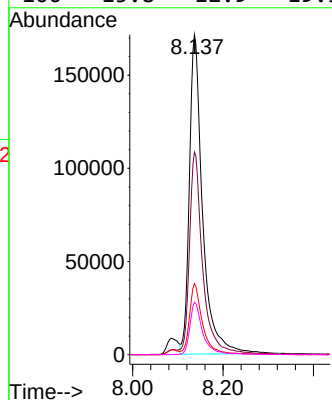
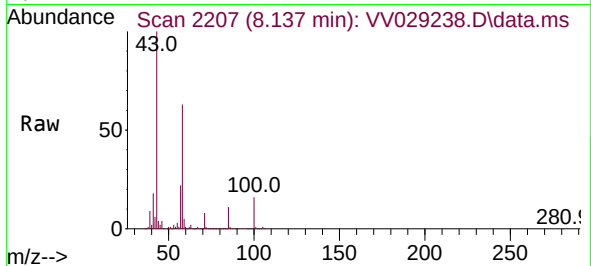




#48
2-Hexanone
Concen: 55.771 ug/L
RT: 8.137 min Scan# 2206
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

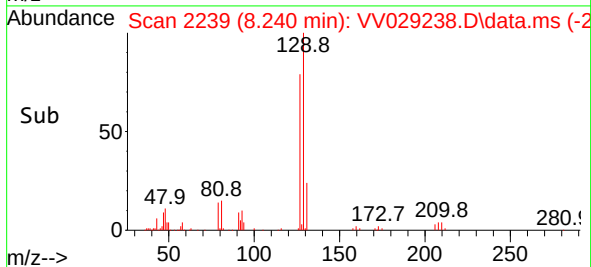
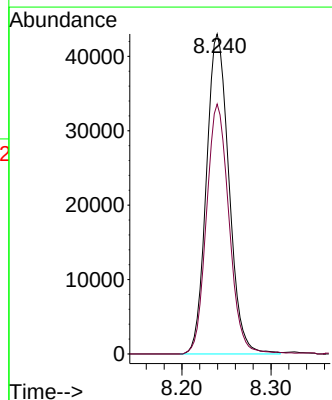
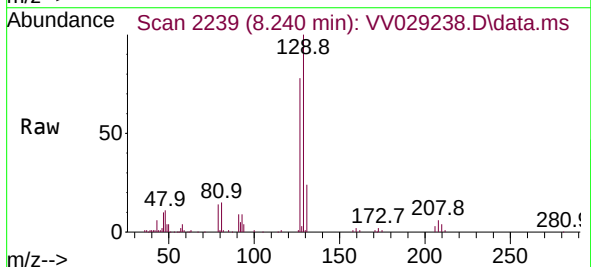
Instrument :
MSVOA_V
ClientSampleId :

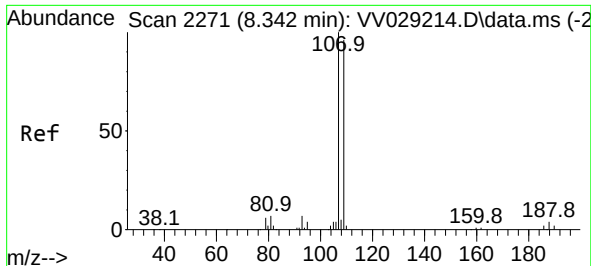
Tgt Ion: 43 Resp: 350597
Ion Ratio Lower Upper
43 100
58 62.5 50.2 75.4
57 21.0 17.8 26.8
100 15.8 12.9 19.3



#49
Dibromochloromethane
Concen: 4.575 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion: 129 Resp: 75527
Ion Ratio Lower Upper
129 100
127 78.1 54.5 101.1

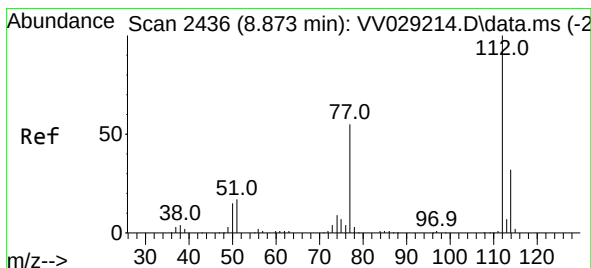
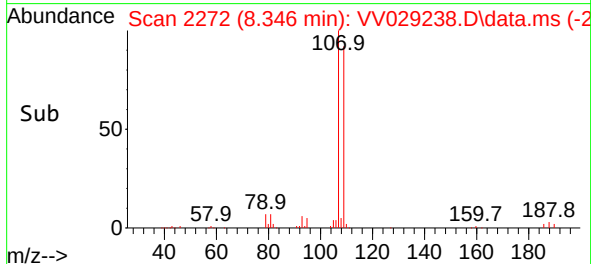
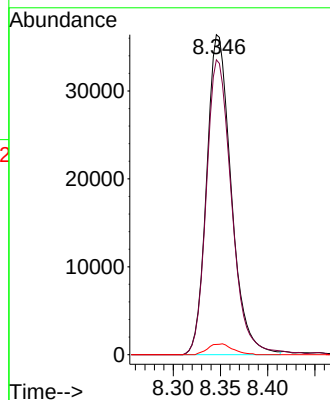
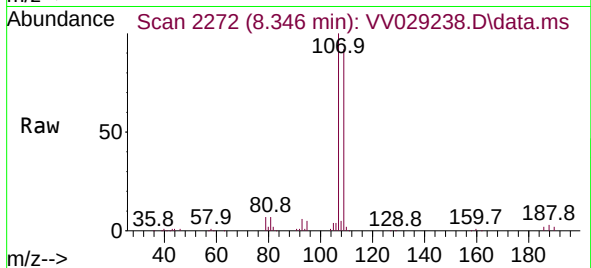




#50
1,2-Dibromoethane
Concen: 5.191 ug/L
RT: 8.346 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

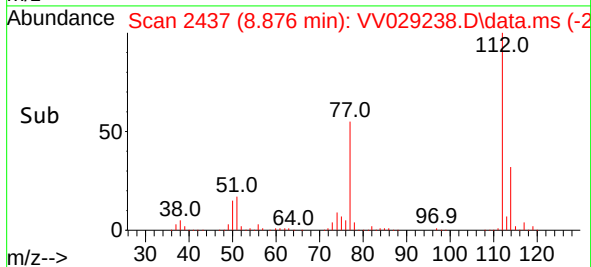
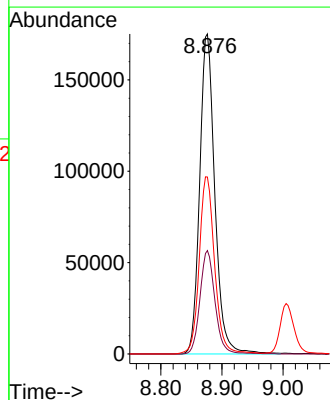
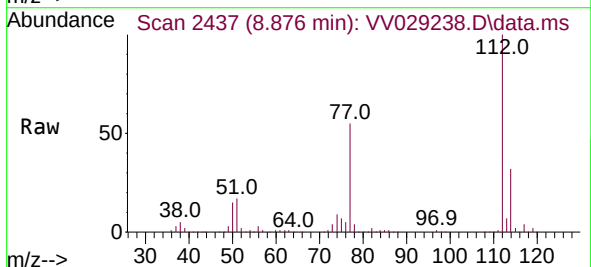
Instrument :
MSVOA_V
ClientSampleId :

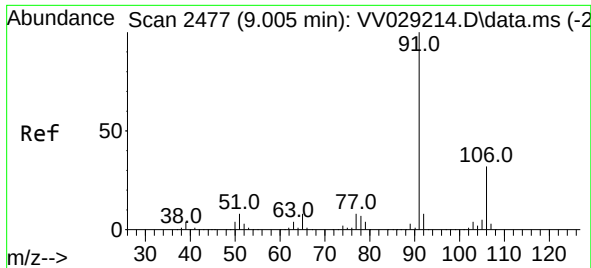
Tgt Ion:107 Resp: 65847
Ion Ratio Lower Upper
107 100
109 92.1 64.4 119.6
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 5.001 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion:112 Resp: 302160
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 55.3 44.4 66.6

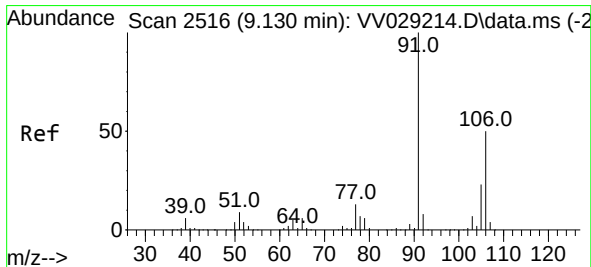
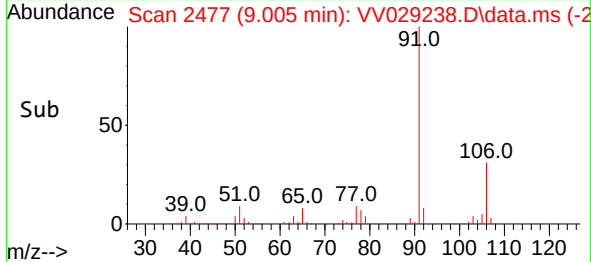
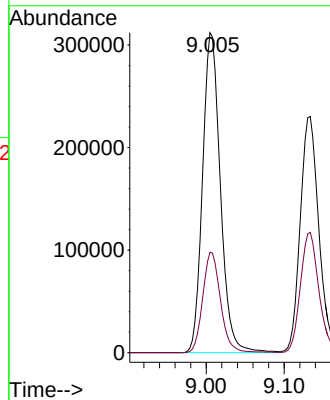
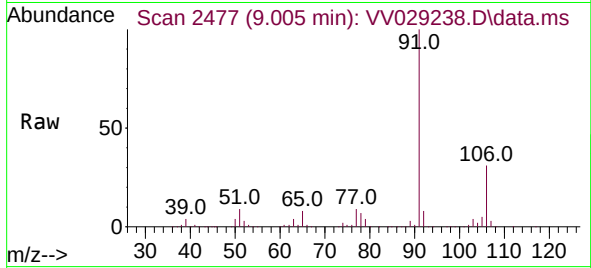




#52
Ethylbenzene
Concen: 4.883 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

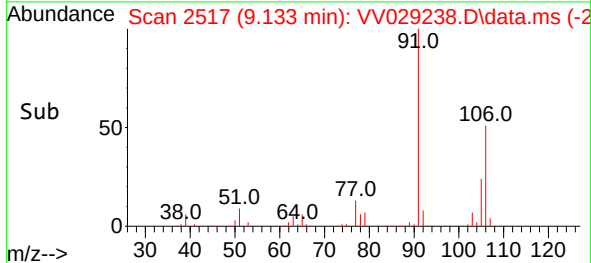
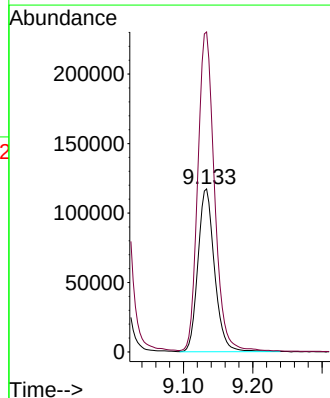
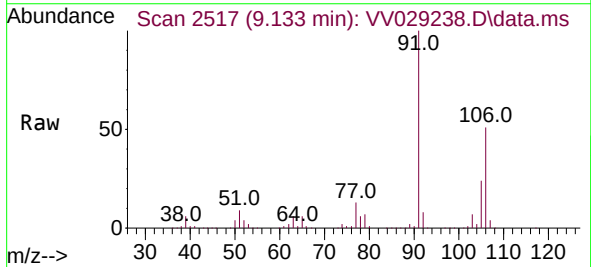
Instrument :
MSVOA_V
ClientSampleId :

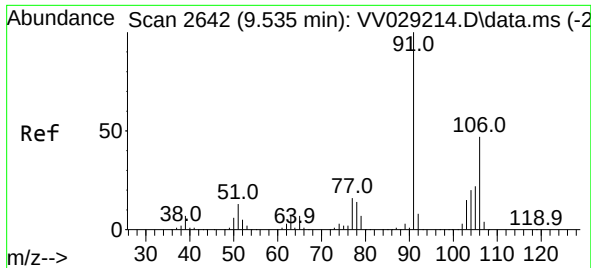
Tgt Ion: 91 Resp: 496798
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.2



#53
m,p-Xylene
Concen: 4.817 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion: 106 Resp: 194915
Ion Ratio Lower Upper
106 100
91 196.2 139.1 258.3

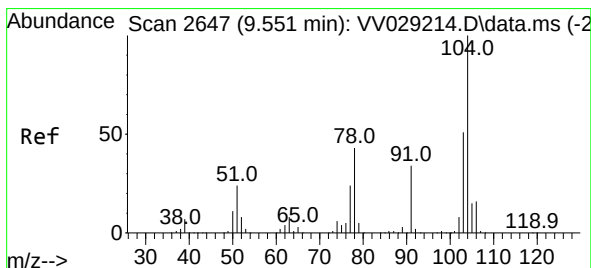
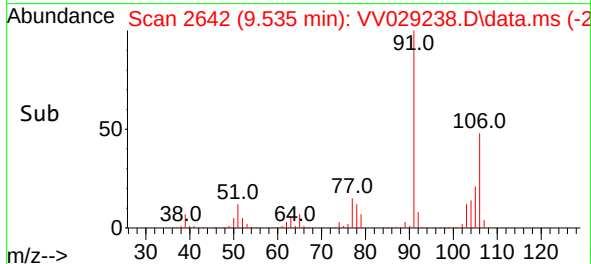
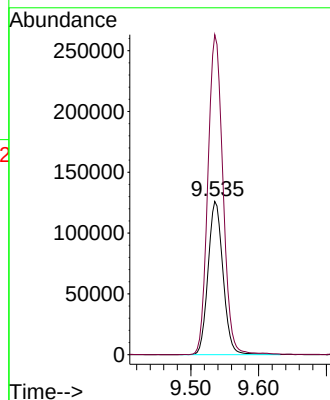
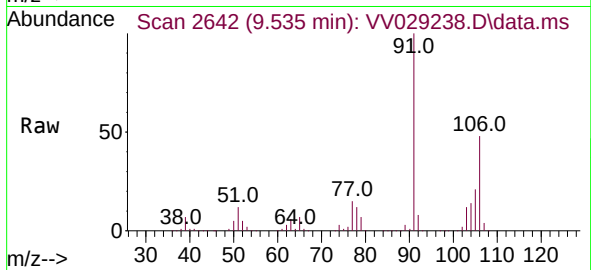




#54
o-Xylene
Concen: 5.023 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

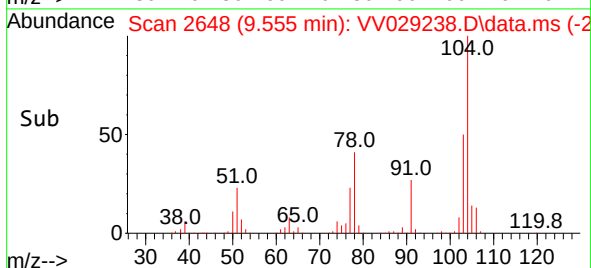
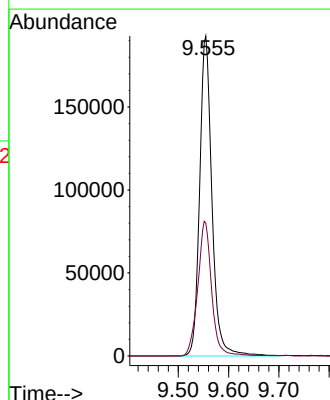
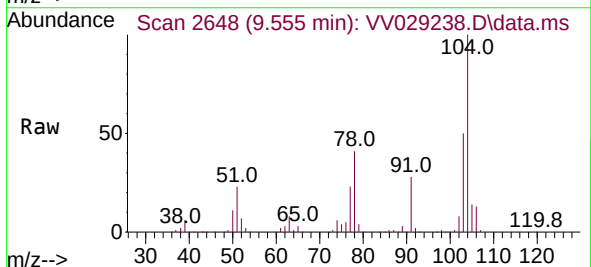
Instrument :
MSVOA_V
ClientSampleId :

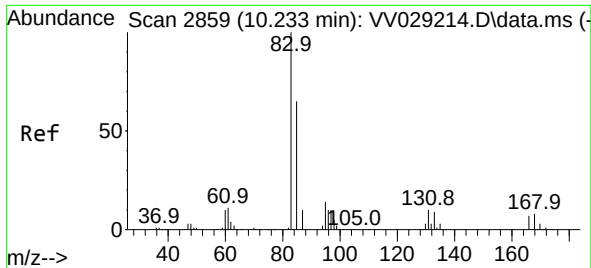
Tgt Ion:106 Resp: 193175
Ion Ratio Lower Upper
106 100
91 208.7 145.7 270.7



#55
Styrene
Concen: 5.083 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion:104 Resp: 327908
Ion Ratio Lower Upper
104 100
78 41.5 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.327 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029238.D

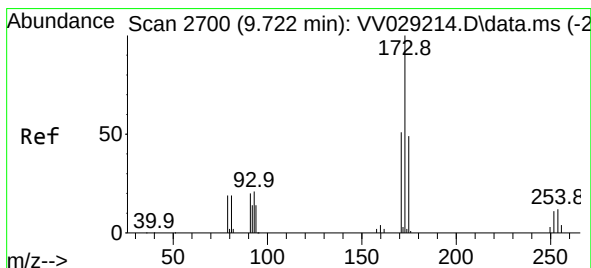
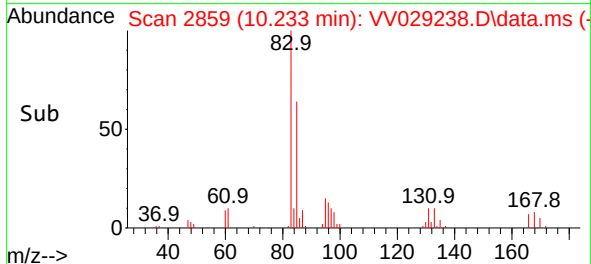
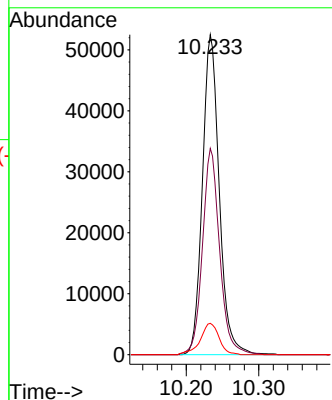
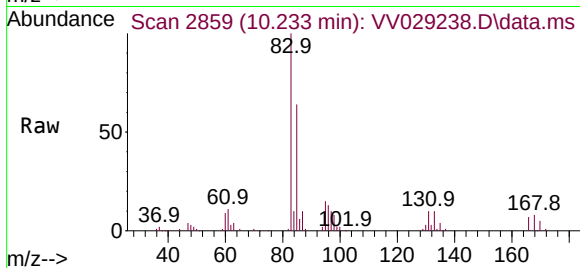
Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	84778
Ion Ratio	Lower	Upper	
83	100		
85	64.4	45.2	84.0
131	9.8	7.5	11.3



#59

Bromoform

Concen: 4.378 ug/L

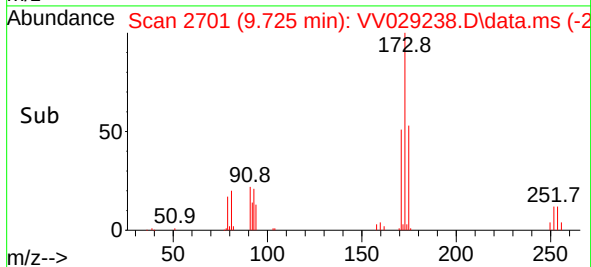
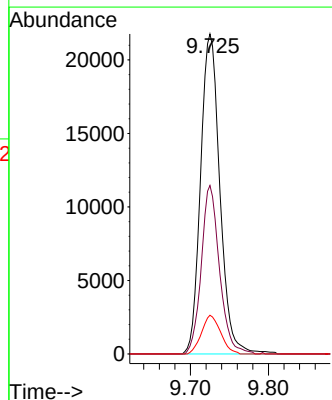
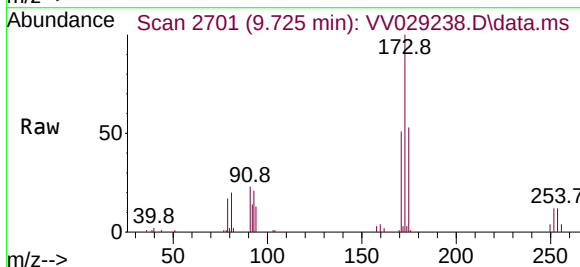
RT: 9.725 min Scan# 2701

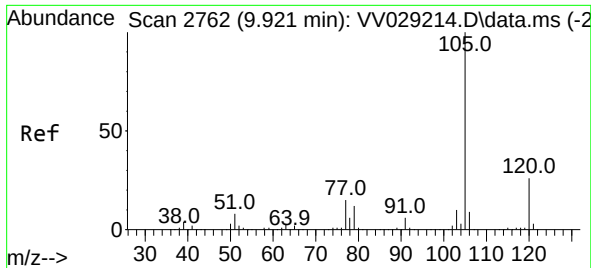
Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Tgt Ion:	173	Resp:	37448
Ion Ratio	Lower	Upper	
173	100		
175	49.6	38.2	57.4
254	12.0	8.5	12.7

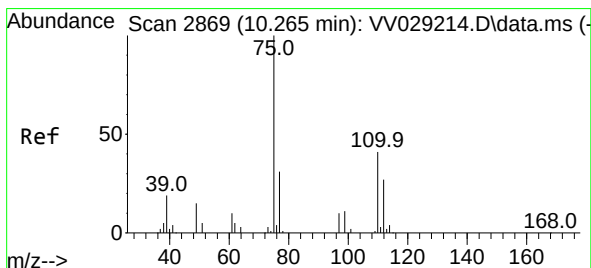
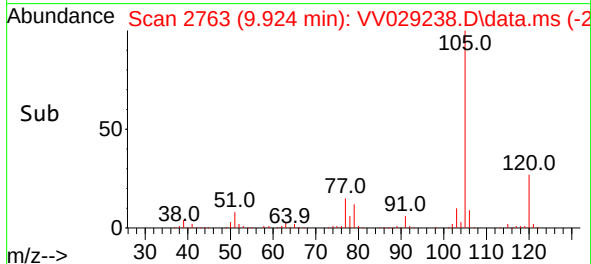
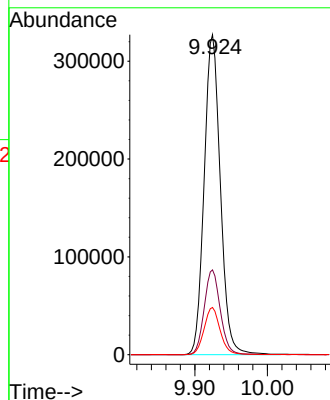
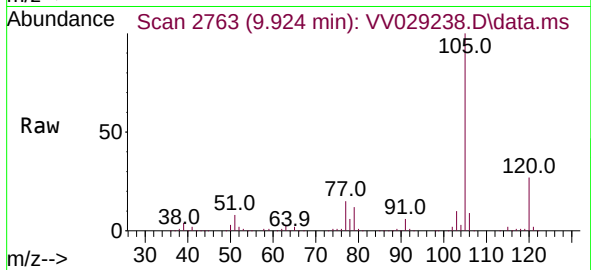




#60
Isopropylbenzene
Concen: 4.983 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

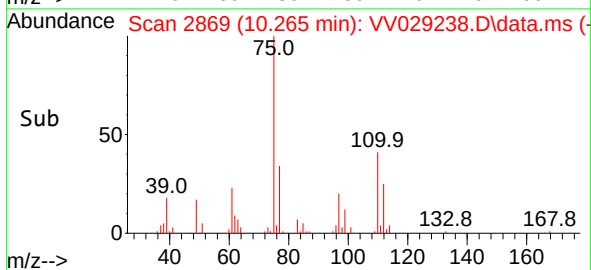
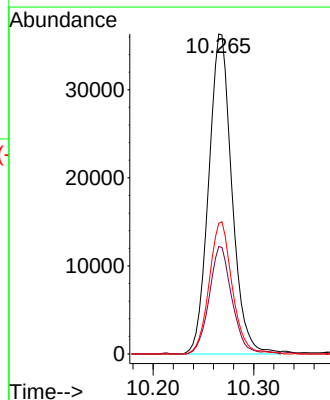
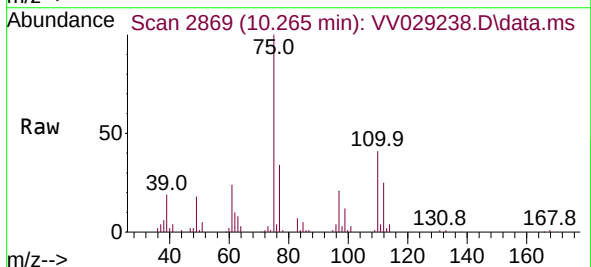
Instrument :
MSVOA_V
ClientSampleId :

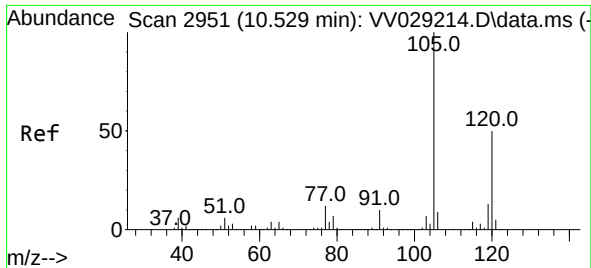
Tgt Ion:105 Resp: 507567
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.438 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion: 75 Resp: 58316
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 41.1 32.6 48.8

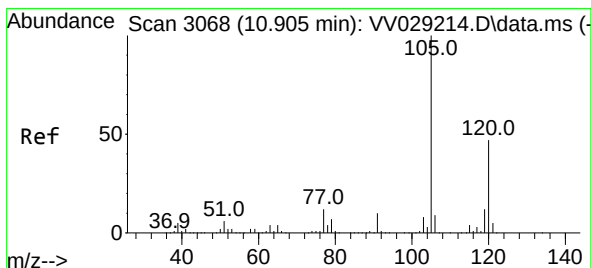
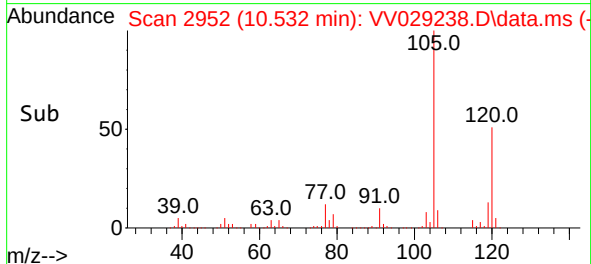
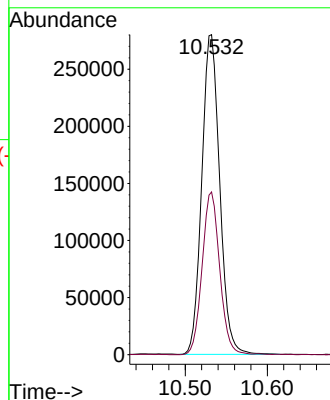
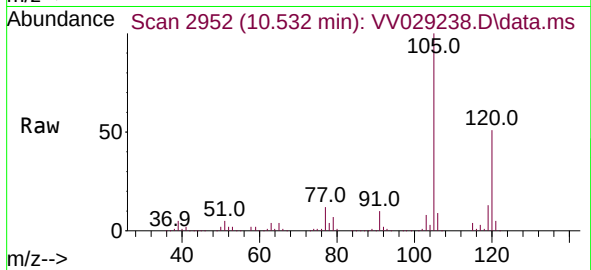




#62
1,3,5-Trimethylbenzene
Concen: 4.928 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

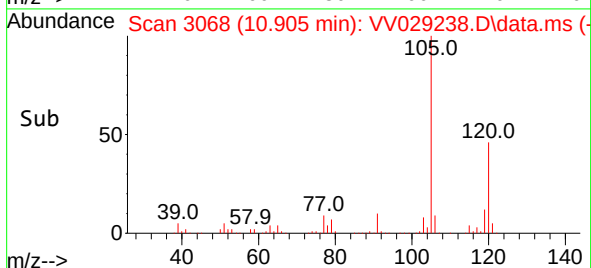
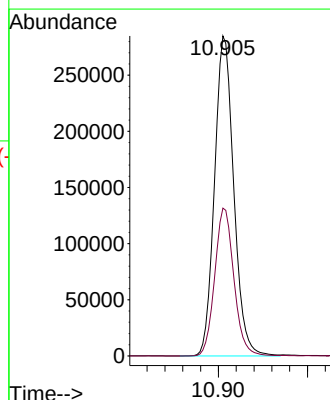
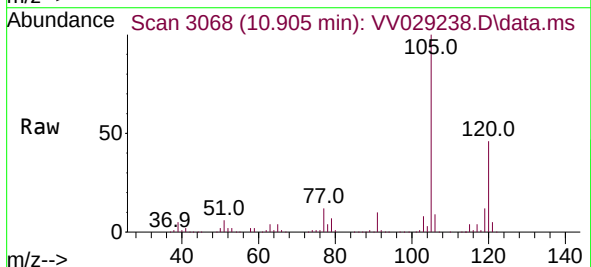
Instrument :
MSVOA_V
ClientSampleId :

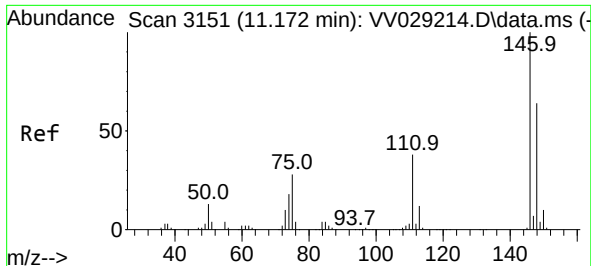
Tgt Ion:105 Resp: 425197
Ion Ratio Lower Upper
105 100
120 49.9 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 4.938 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

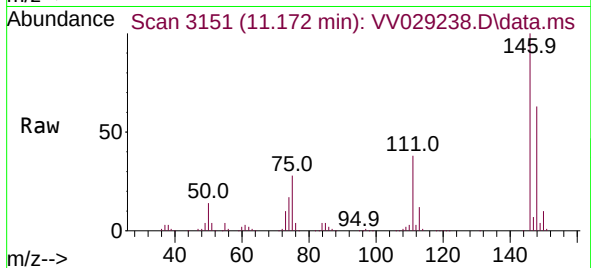
Tgt Ion:105 Resp: 426809
Ion Ratio Lower Upper
105 100
120 46.2 37.8 56.8



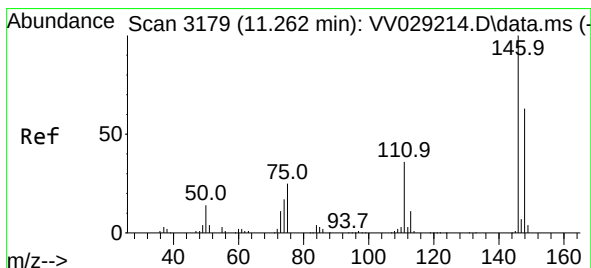
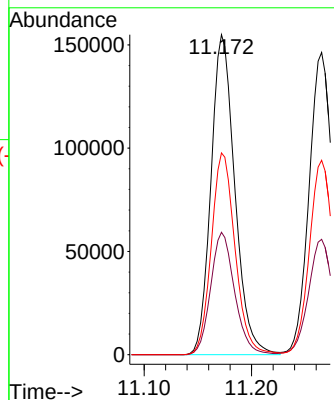
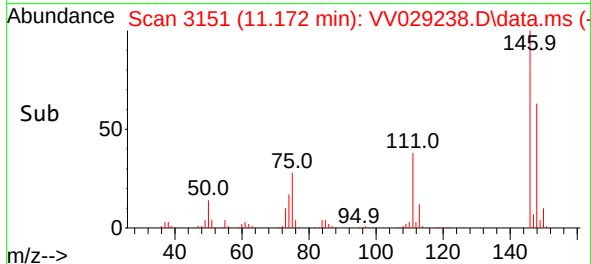


#64
1,3-Dichlorobenzene
Concen: 4.988 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

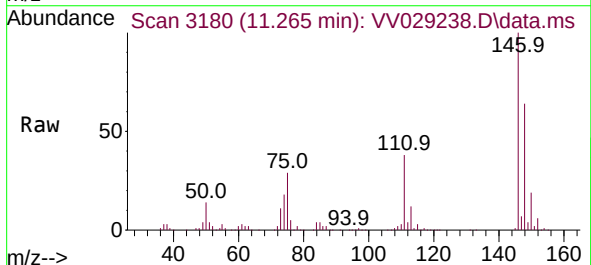
Instrument :
MSVOA_V
ClientSampleId :



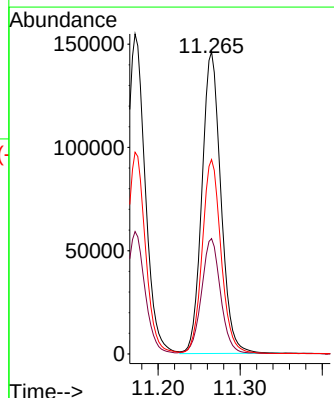
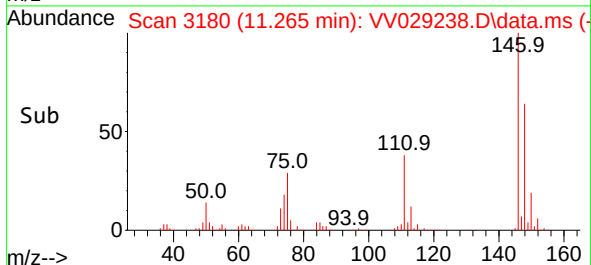
Tgt Ion:146 Resp: 238715
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 63.1 44.1 81.9

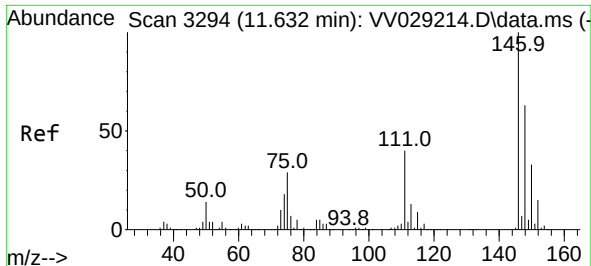


#65
1,4-Dichlorobenzene
Concen: 4.872 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54



Tgt Ion:146 Resp: 234374
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.3
148 64.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.936 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

Instrument :

MSVOA_V

ClientSampleId :

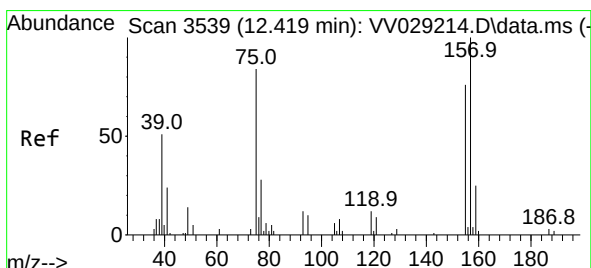
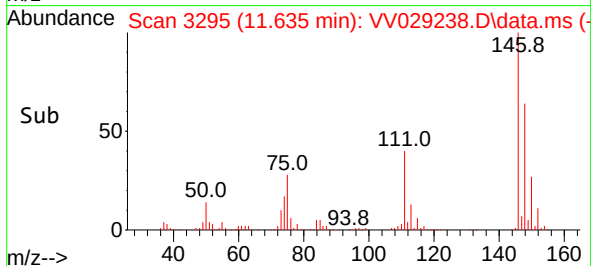
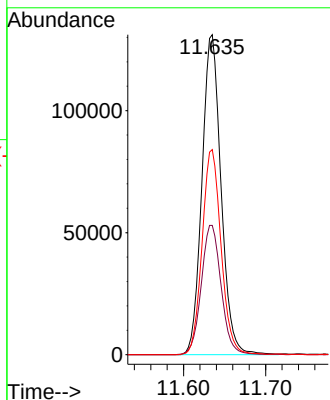
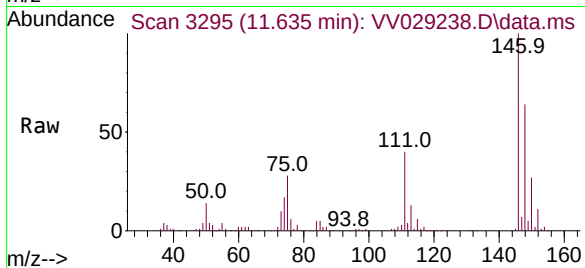
Tgt Ion:146 Resp: 212235

Ion Ratio Lower Upper

146 100

111 40.4 32.4 48.6

148 64.1 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.533 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV029238.D

Acq: 20 Nov 2022 20:54

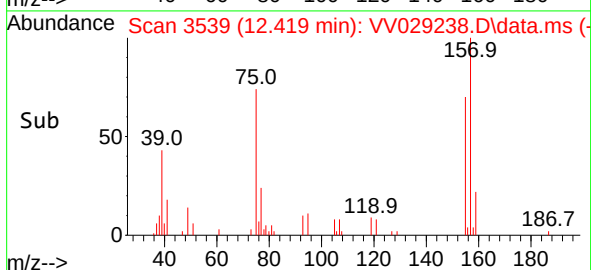
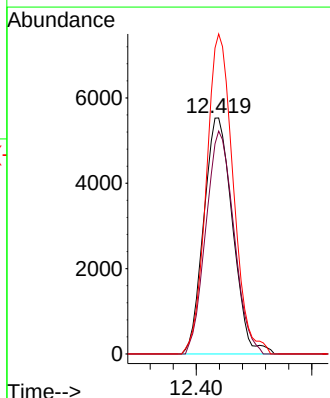
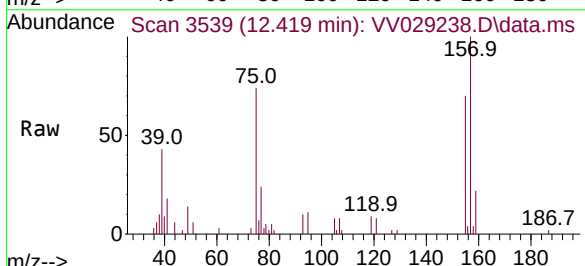
Tgt Ion: 75 Resp: 9565

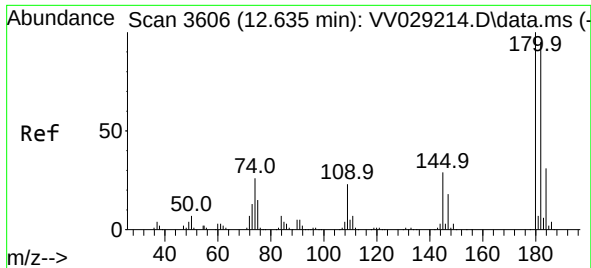
Ion Ratio Lower Upper

75 100

155 94.4 64.8 97.2

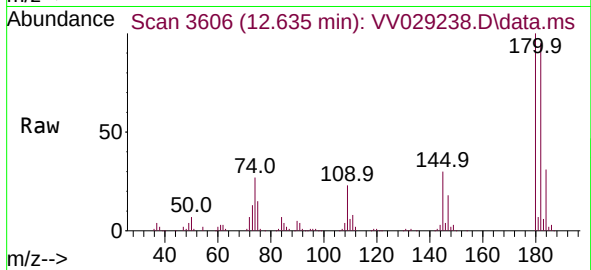
157 135.6 86.3 129.5#



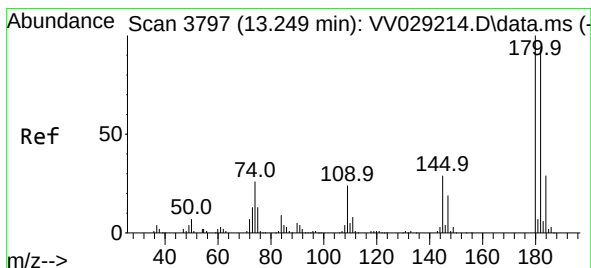
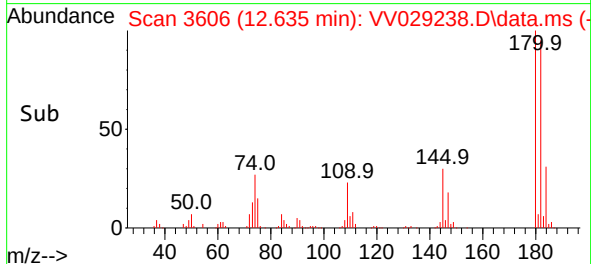
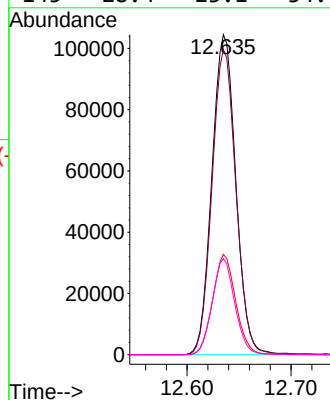


#69
 1,3,5-Trichlorobenzene
 Concen: 4.519 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029238.D
 Acq: 20 Nov 2022 20:54

Instrument :
 MSVOA_V
 ClientSampleId :

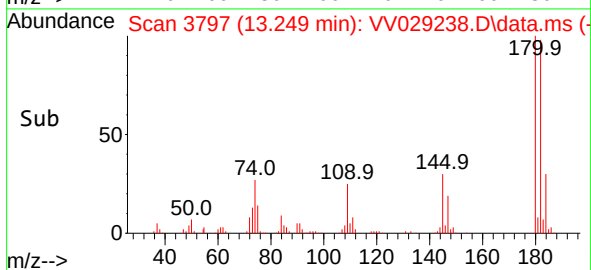
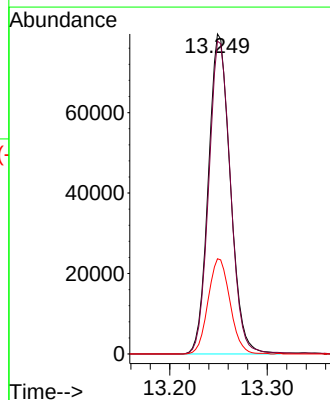
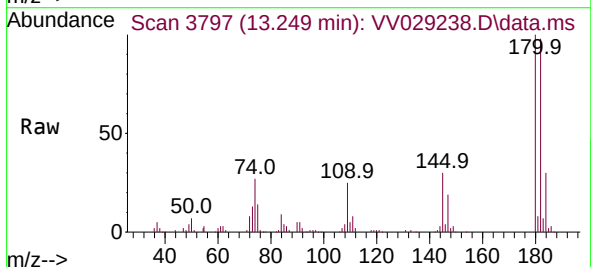


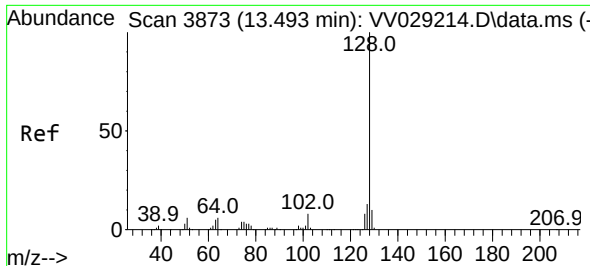
Tgt Ion:180 Resp: 166845
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.7 115.1
 184 30.2 24.0 36.0
 145 28.4 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.448 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029238.D
 Acq: 20 Nov 2022 20:54

Tgt Ion:180 Resp: 124212
 Ion Ratio Lower Upper
 180 100
 182 97.0 74.3 111.5
 145 29.7 23.7 35.5

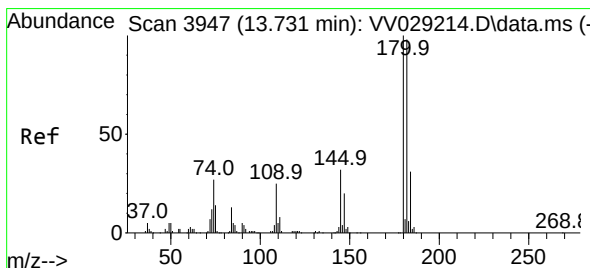
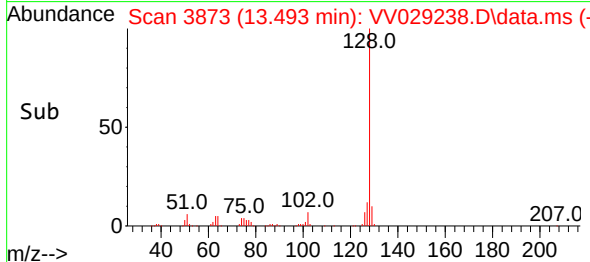
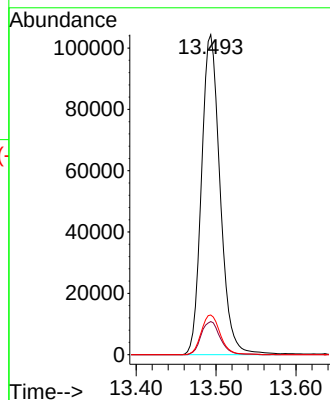
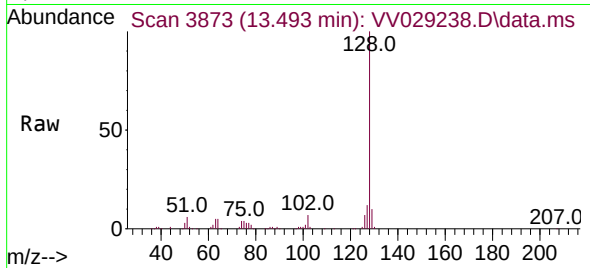




#71
Naphthalene
Concen: 4.698 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 169274
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.7 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.719 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029238.D
Acq: 20 Nov 2022 20:54

Tgt Ion:180 Resp: 111628
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 29.9 24.9 37.3

