

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026247.D
 Acq On : 14 Jun 2022 20:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Jun 15 05:53:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	172774	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	96281	4.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.574	69	81690	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.114	63	165204	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.908	46	123562	73.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.600%#
24) Chloroform-d	4.355	84	168078	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.037	65	71678	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.056	84	327262	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.072	67	97106	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.317	98	302565	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.625	79	31758	5.473	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.091	63	108549	60.075	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61381	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	97343	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	83656	5.268	ug/L	95
3) Chloromethane	1.246	50	86203	5.001	ug/L	99
5) Vinyl chloride	1.317	62	91537	5.071	ug/L	98
6) Bromomethane	1.529	94	49289	4.672	ug/L	98
8) Chloroethane	1.590	64	56408	5.009	ug/L	100
9) Trichlorofluoromethane	1.760	101	125678	5.169	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	72762	5.266	ug/L	99
12) 1,1-Dichloroethene	2.124	96	66355	5.023	ug/L	88
13) Acetone	2.198	43	54206	56.323	ug/L	100
14) Carbon disulfide	2.301	76	166654	4.967	ug/L	100
15) Methyl Acetate	2.452	43	18438	6.560	ug/L	97
16) Methylene chloride	2.513	84	75614	5.553	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	114764	5.343	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	64825	5.118	ug/L	94
19) 1,1-Dichloroethane	3.198	63	123225	5.069	ug/L	99
21) 2-Butanone	3.995	43	87445	66.751	ug/L	88
22) cis-1,2-Dichloroethene	3.921	96	66761	5.239	ug/L	97
23) Bromochloromethane	4.256	128	28313	5.321	ug/L	98
25) Chloroform	4.381	83	133815	5.267	ug/L	100

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

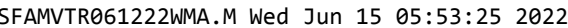
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 ClientSampleId :
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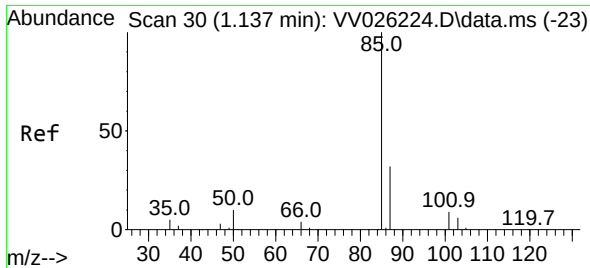
Quant Time: Jun 15 05:53:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	60881	5.156	ug/L	96
29) 1,1,1-Trichloroethane	4.612	97	111220	4.960	ug/L	98
30) Cyclohexane	4.683	56	82886	4.826	ug/L	100
31) Carbon tetrachloride	4.834	117	92386	5.098	ug/L	98
33) Benzene	5.104	78	269543	5.212	ug/L	100
34) Trichloroethene	5.918	95	70346	5.036	ug/L	97
35) Methylcyclohexane	6.133	83	93713	4.962	ug/L	99
37) 1,2-Dichloropropane	6.178	63	62974	4.700	ug/L	99
38) Bromodichloromethane	6.513	83	81295	5.094	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	77831	5.206	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	269880	56.284	ug/L	95
42) Toluene	7.390	91	294757	5.383	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	63863	5.431	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	44148	5.235	ug/L	97
47) Tetrachloroethene	7.976	164	52427	5.226	ug/L	97
48) 2-Hexanone	8.143	43	197597	58.031	ug/L	97
49) Dibromochloromethane	8.246	129	48664	5.286	ug/L	94
50) 1,2-Dibromoethane	8.355	107	38395	5.322	ug/L #	98
51) Chlorobenzene	8.882	112	176481	5.012	ug/L	98
52) Ethylbenzene	9.011	91	277071	5.099	ug/L	98
53) m,p-Xylene	9.140	106	109729	5.276	ug/L	98
54) o-Xylene	9.545	106	105386	5.241	ug/L	98
55) Styrene	9.561	104	186274	5.618	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43469	5.085	ug/L	97
59) Bromoform	9.731	173	21198	5.030	ug/L	95
60) Isopropylbenzene	9.931	105	280269	4.884	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	34126	5.070	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	211832	4.681	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	211511	4.749	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	138051	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	135869	5.006	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	122673	5.001	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5880	4.977	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	93966	4.887	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	68982	4.983	ug/L	99
71) Naphthalene	13.500	128	91485	4.728	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58191	5.092	ug/L	95

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

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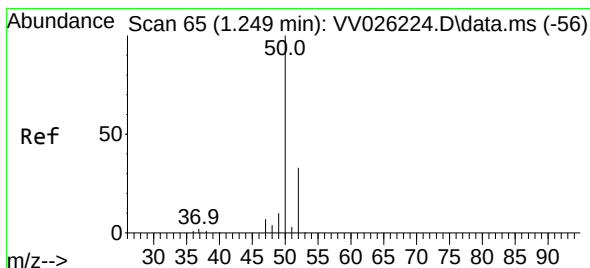
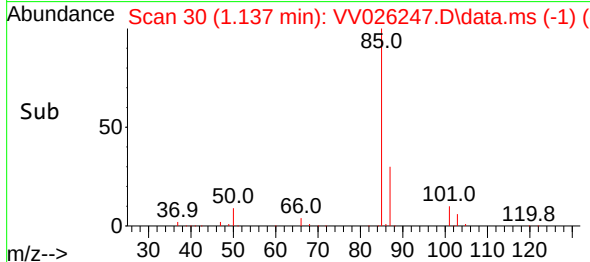
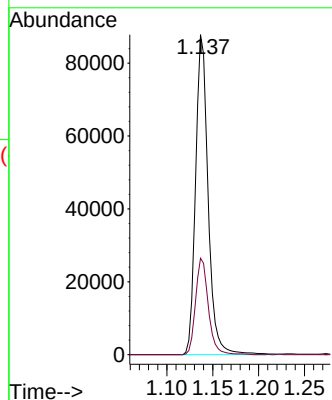
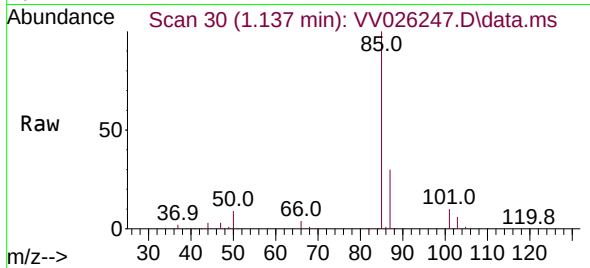




#2
 Dichlorodifluoromethane
 Concen: 5.268 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

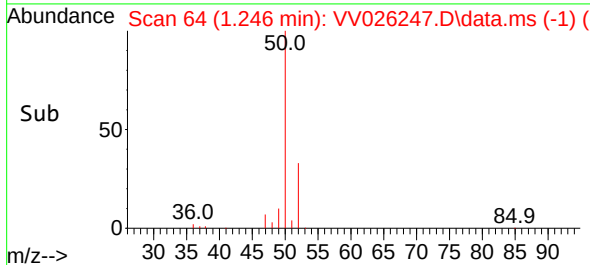
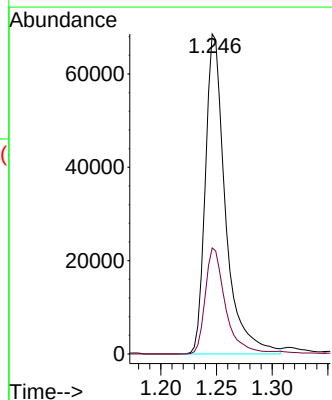
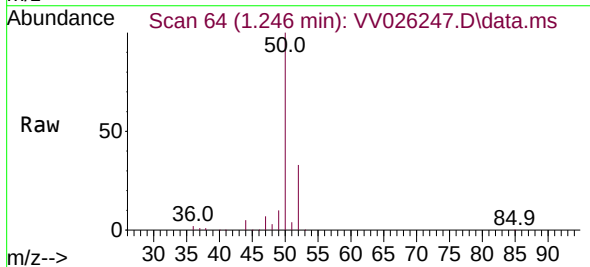
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

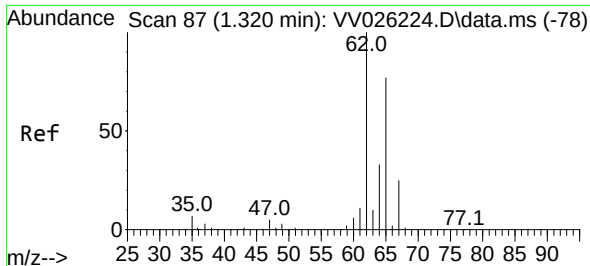
Tgt Ion: 85 Resp: 83656
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.7 40.1



#3
 Chloromethane
 Concen: 5.001 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion: 50 Resp: 86203
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.6 43.8

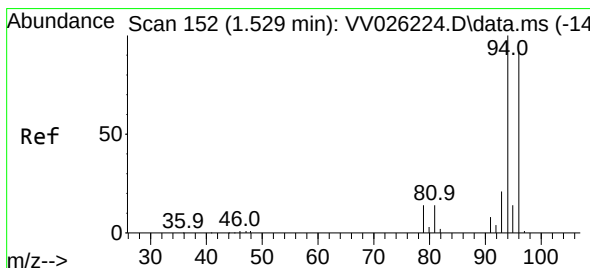
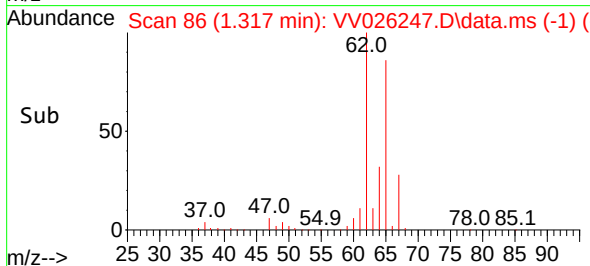
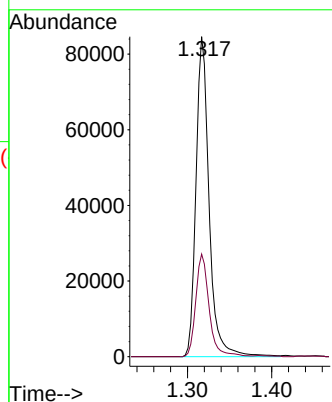
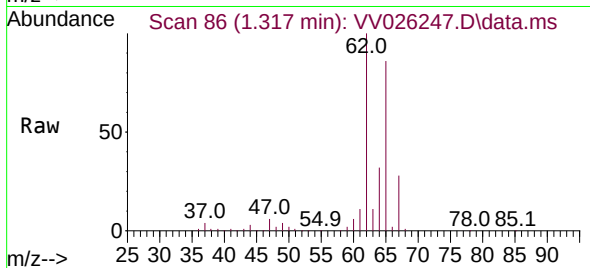




#5
 Vinyl chloride
 Concen: 5.071 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. -0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

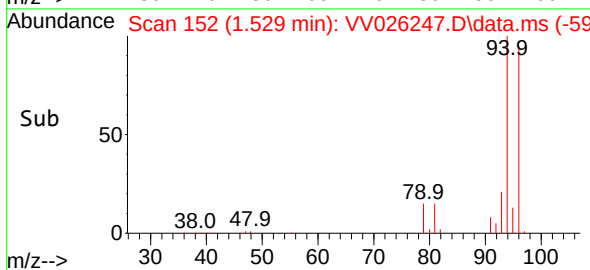
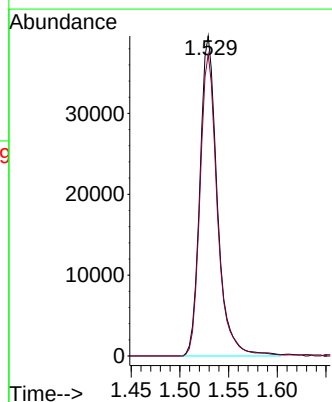
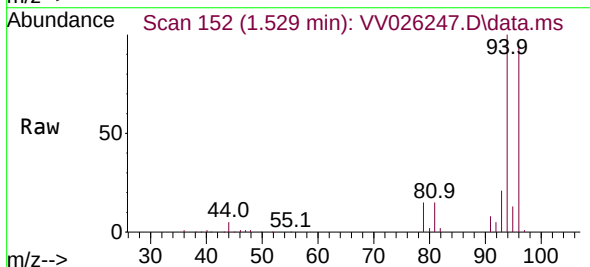
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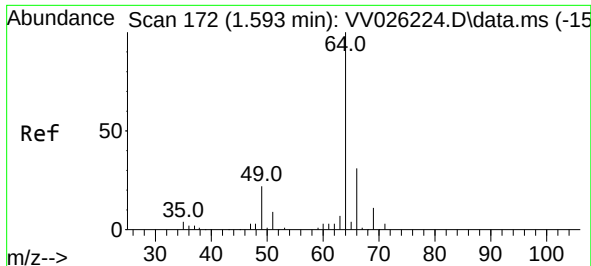
Tgt Ion: 62 Resp: 91537
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.2 43.2



#6
 Bromomethane
 Concen: 4.672 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.000 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion: 94 Resp: 49289
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.5 119.7

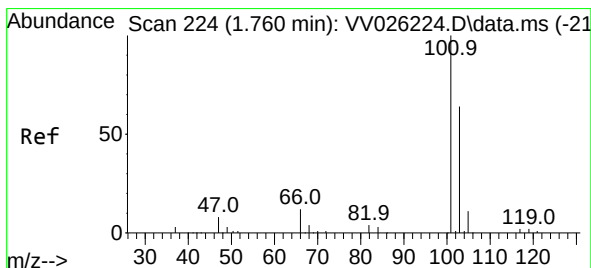
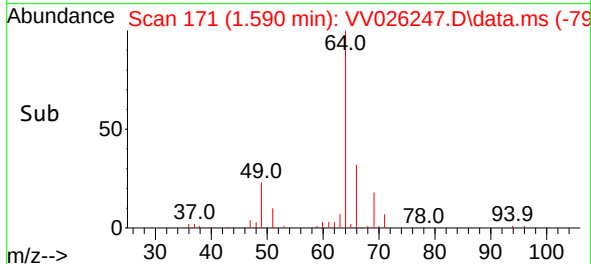
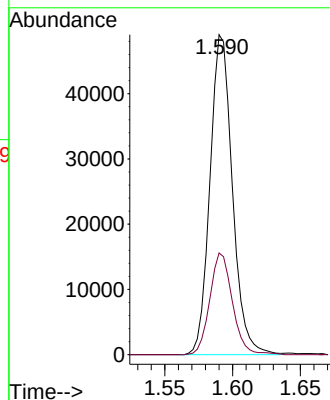
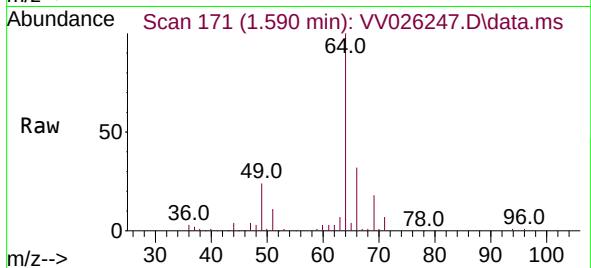




#8
Chloroethane
Concen: 5.009 ug/L
RT: 1.590 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

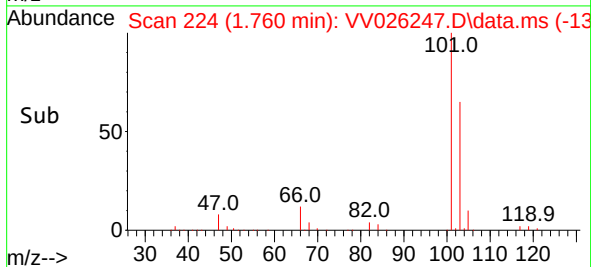
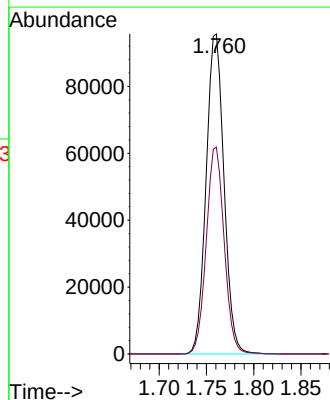
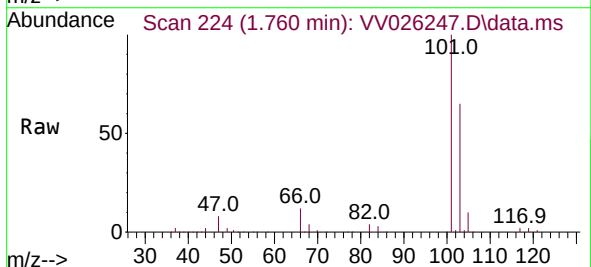
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ClientSampleId :
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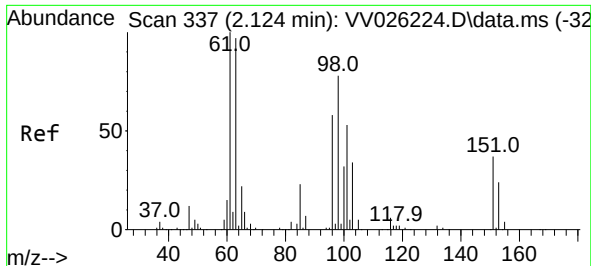
Tgt Ion: 64 Resp: 56408
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.169 ug/L
RT: 1.760 min Scan# 224
Delta R.T. 0.000 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion:101 Resp: 125678
Ion Ratio Lower Upper
101 100
103 64.7 52.9 79.3

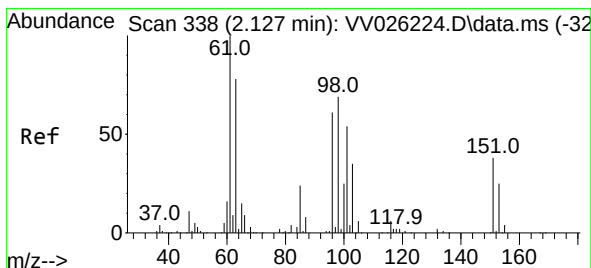
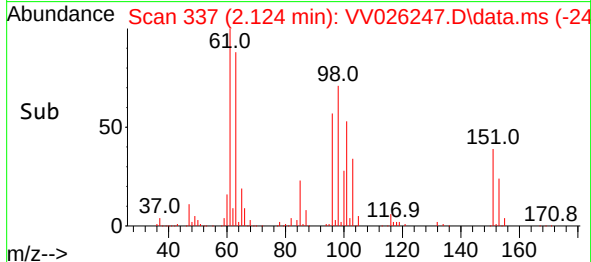
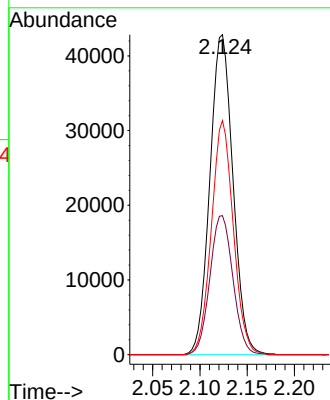
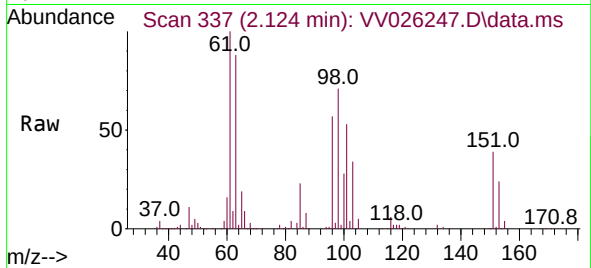




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.266 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

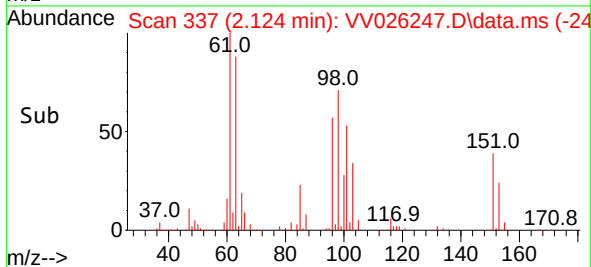
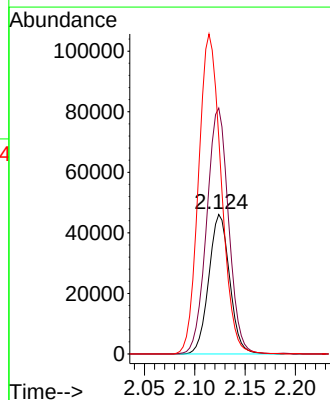
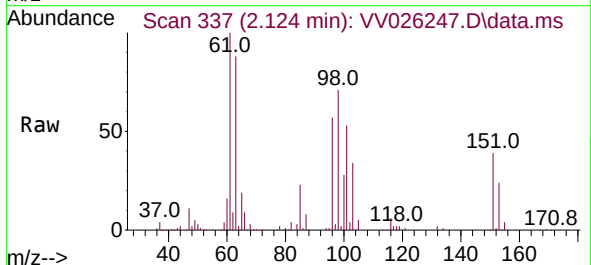
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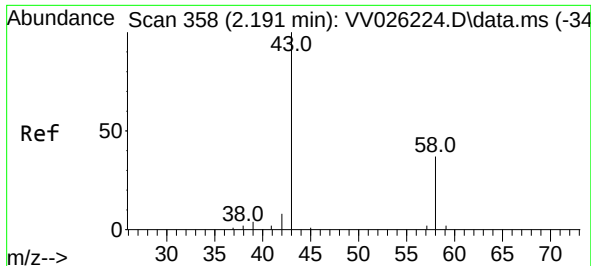
Tgt Ion:101 Resp: 72762
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.3 52.9
 151 69.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 5.023 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion: 96 Resp: 66355
 Ion Ratio Lower Upper
 96 100
 61 176.2 120.5 223.7
 63 155.2 129.3 240.1





#13

Acetone

Concen: 56.323 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

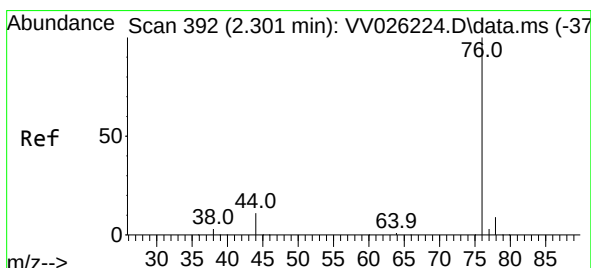
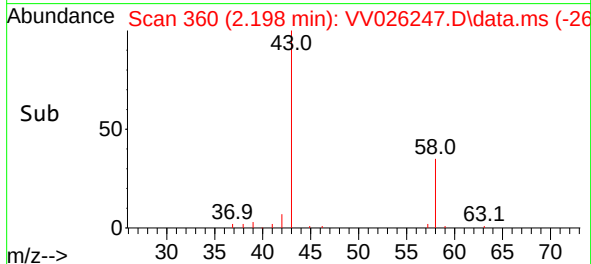
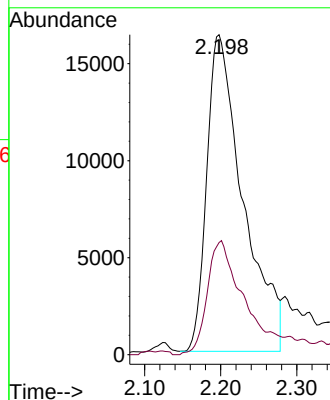
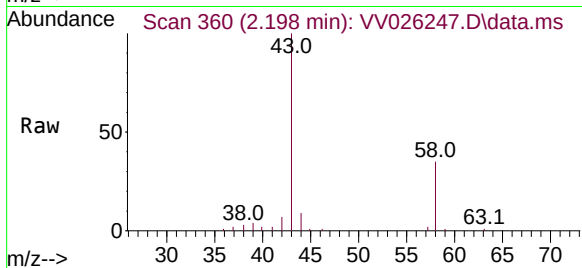
VSTD005314

Tgt Ion: 43 Resp: 54206

Ion Ratio Lower Upper

43 100

58 36.7 0.0 73.6



#14

Carbon disulfide

Concen: 4.967 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV026247.D

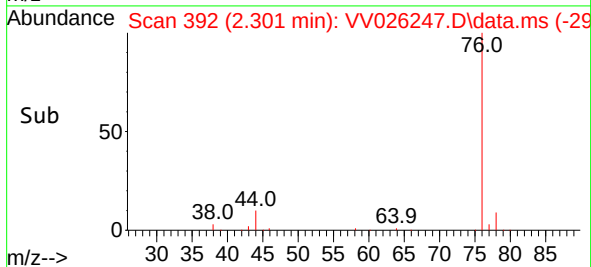
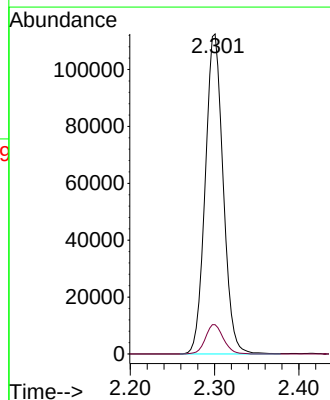
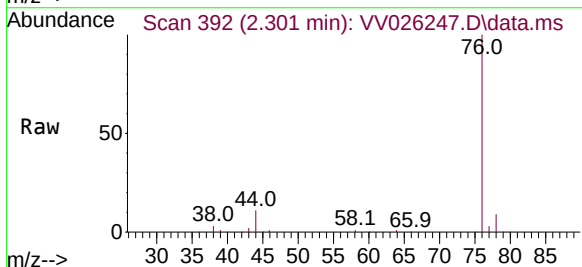
Acq: 14 Jun 2022 20:05

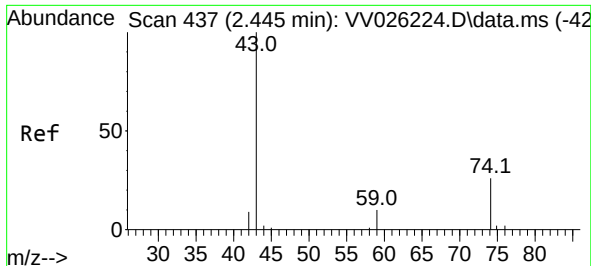
Tgt Ion: 76 Resp: 166654

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 6.560 ug/L

RT: 2.452 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

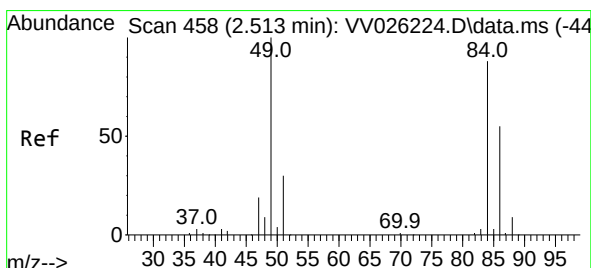
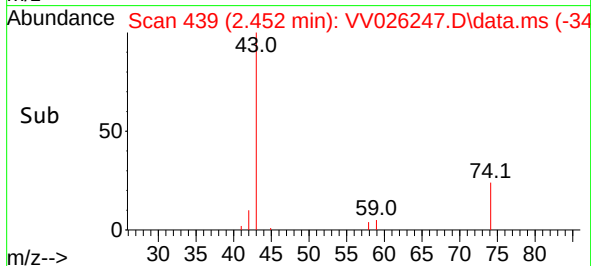
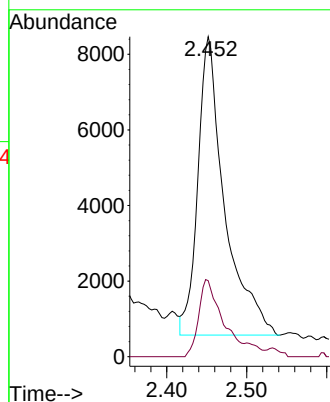
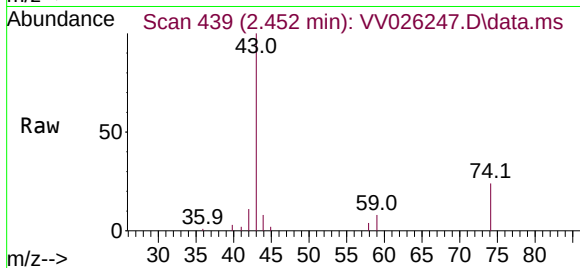
VSTD005314

Tgt Ion: 43 Resp: 18438

Ion Ratio Lower Upper

43 100

74 25.0 18.9 28.3



#16

Methylene chloride

Concen: 5.553 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.000 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

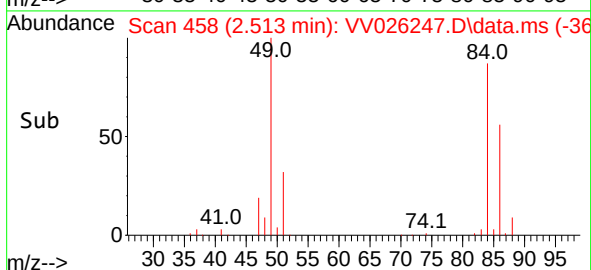
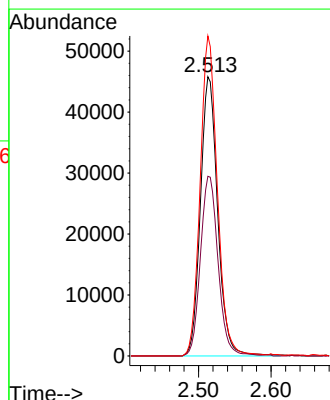
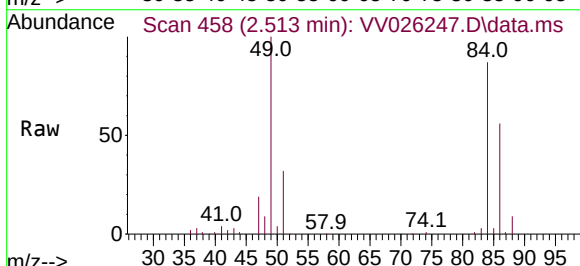
Tgt Ion: 84 Resp: 75614

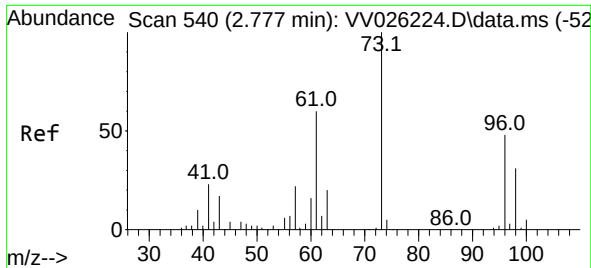
Ion Ratio Lower Upper

84 100

86 64.3 45.1 83.7

49 114.6 82.3 152.9

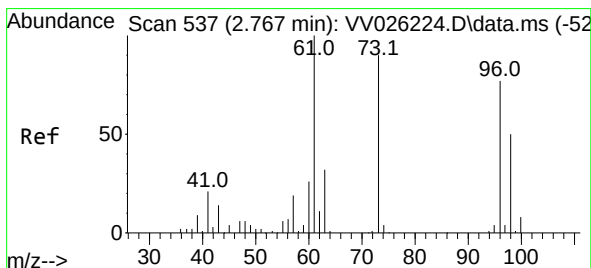
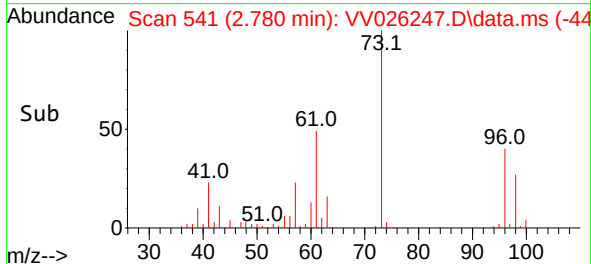
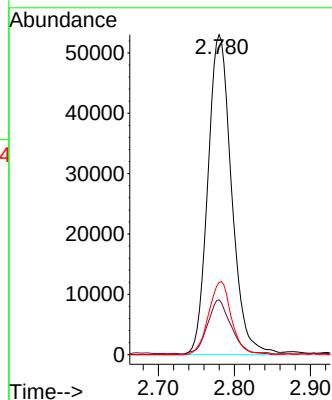
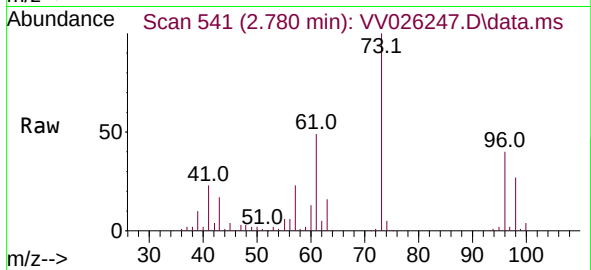




#17
Methyl tert-butyl Ether
Concen: 5.343 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

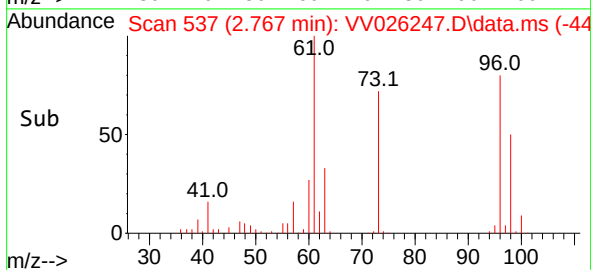
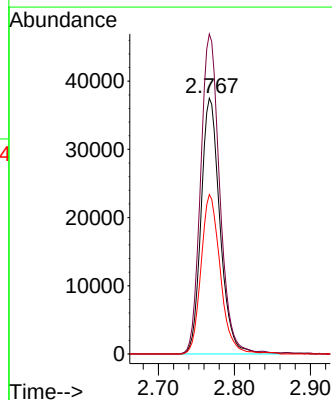
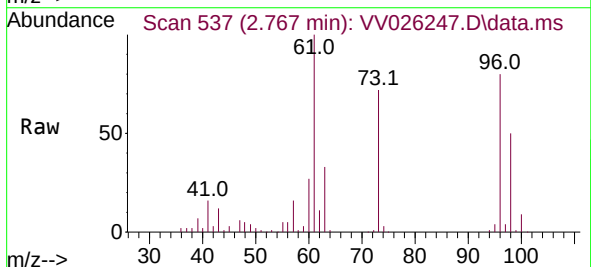
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

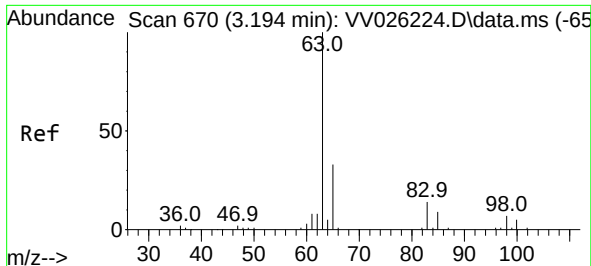
Tgt Ion: 73 Resp: 114764
Ion Ratio Lower Upper
73 100
43 16.7 13.4 20.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.118 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 96 Resp: 64825
Ion Ratio Lower Upper
96 100
61 125.1 93.5 173.7
98 62.3 44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.069 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

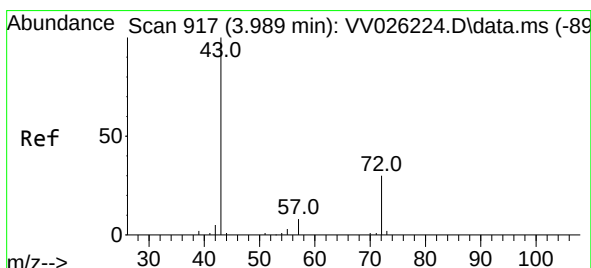
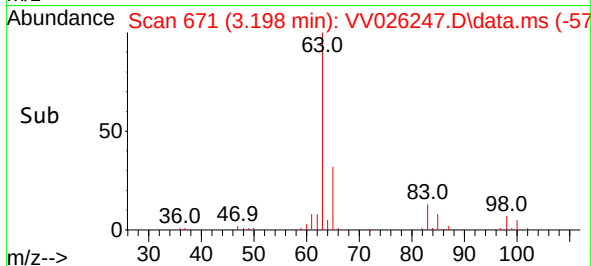
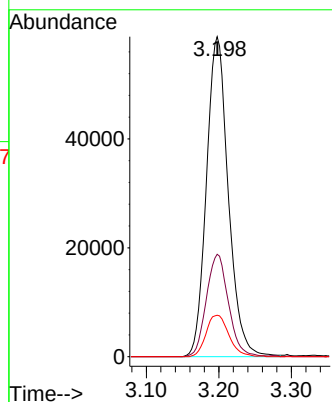
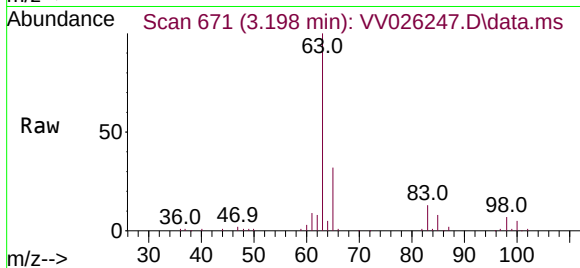
Tgt Ion: 63 Resp: 123225

Ion Ratio Lower Upper

63 100

65 32.0 22.1 41.1

83 12.9 9.5 17.7



#21

2-Butanone

Concen: 66.751 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.006 min

Lab File: VV026247.D

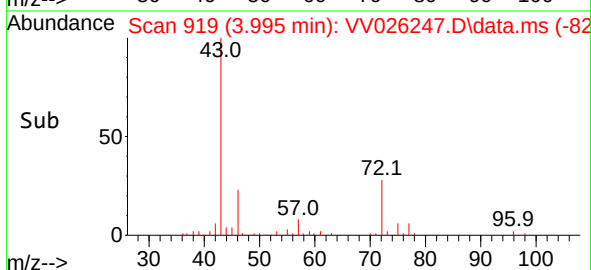
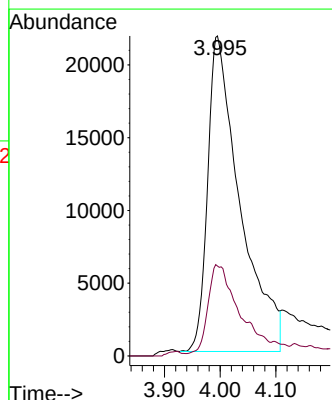
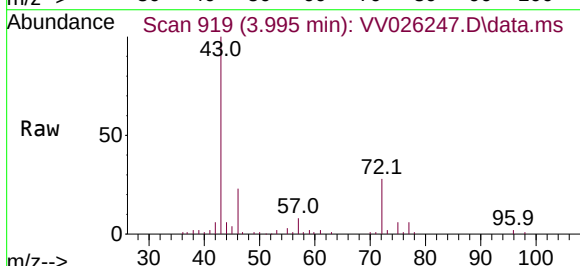
Acq: 14 Jun 2022 20:05

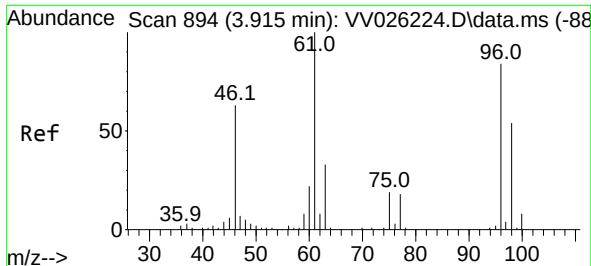
Tgt Ion: 43 Resp: 87445

Ion Ratio Lower Upper

43 100

72 26.9 10.6 31.8

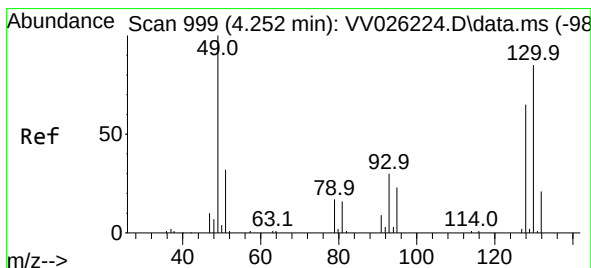
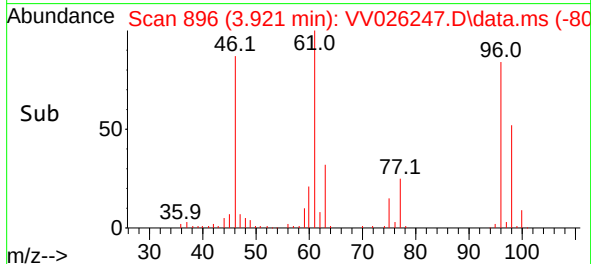
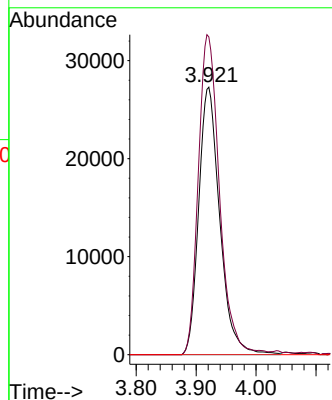
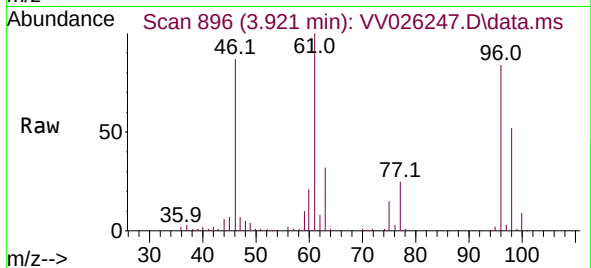




#22
 cis-1,2-Dichloroethene
 Concen: 5.239 ug/L
 RT: 3.921 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

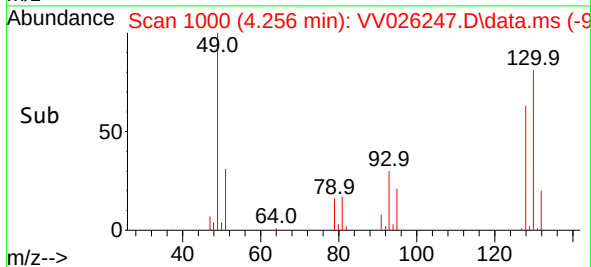
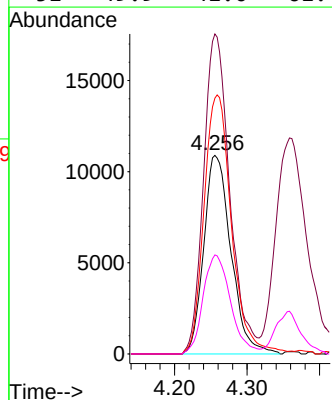
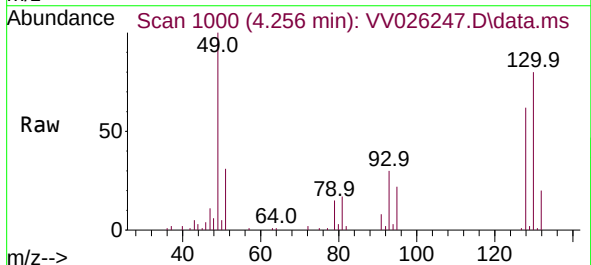
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

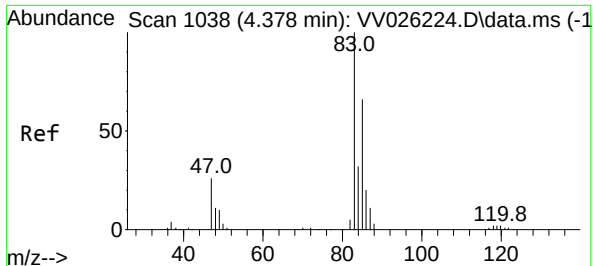
Tgt Ion: 96 Resp: 66761
 Ion Ratio Lower Upper
 96 100
 61 118.8 85.2 158.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.321 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion: 128 Resp: 28313
 Ion Ratio Lower Upper
 128 100
 49 161.1 114.9 213.5
 130 128.8 89.1 165.5
 51 49.9 41.0 61.4

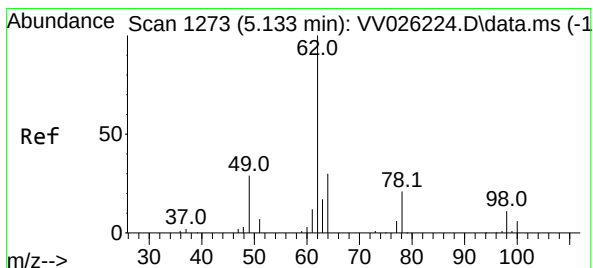
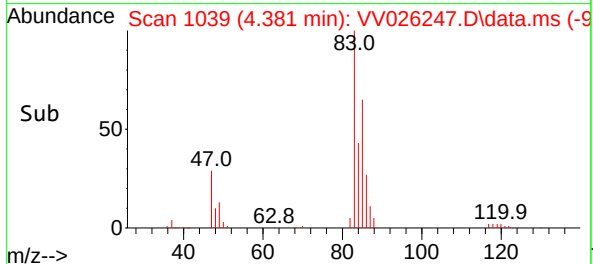
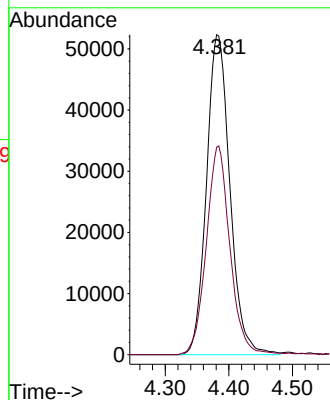
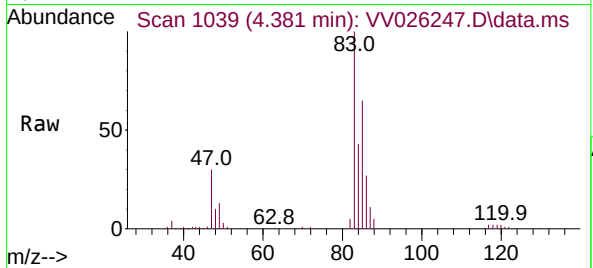




#25
Chloroform
Concen: 5.267 ug/L
RT: 4.381 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

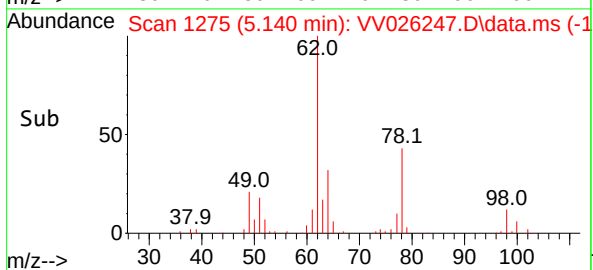
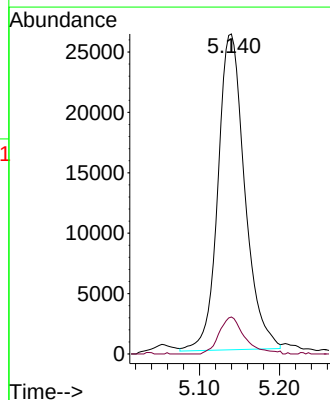
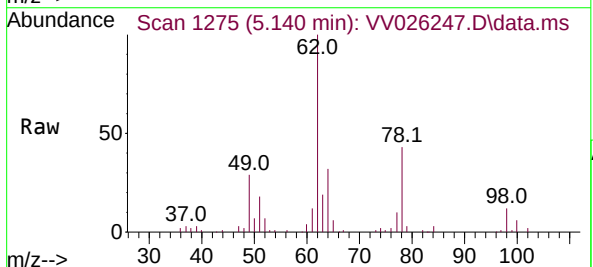
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

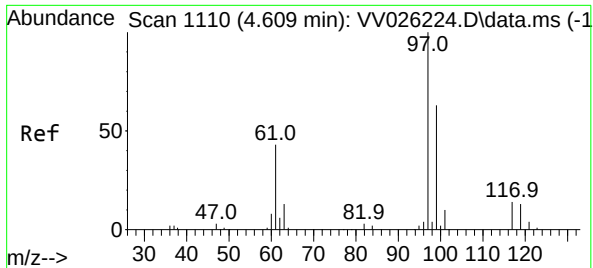
Tgt Ion: 83 Resp: 133815
Ion Ratio Lower Upper
83 100
85 64.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.156 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.006 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 62 Resp: 60881
Ion Ratio Lower Upper
62 100
98 11.5 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.960 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

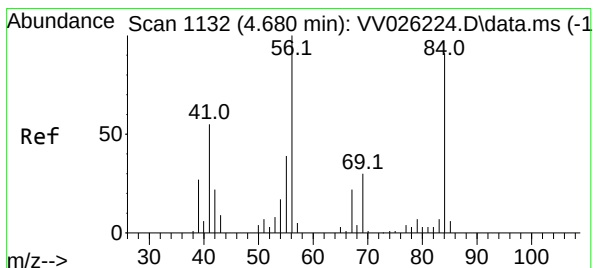
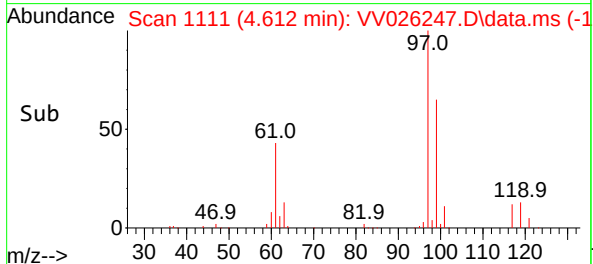
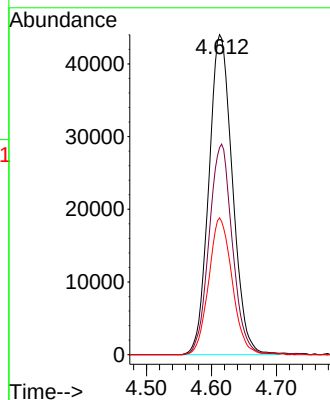
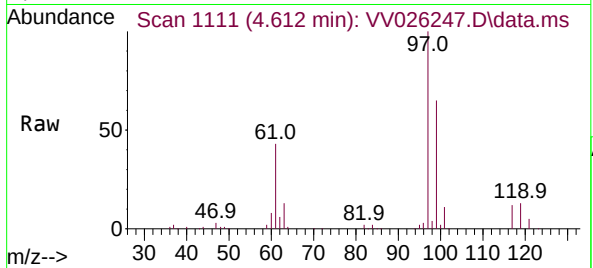
Tgt Ion: 97 Resp: 111220

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 42.4 34.9 52.3



#30

Cyclohexane

Concen: 4.826 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

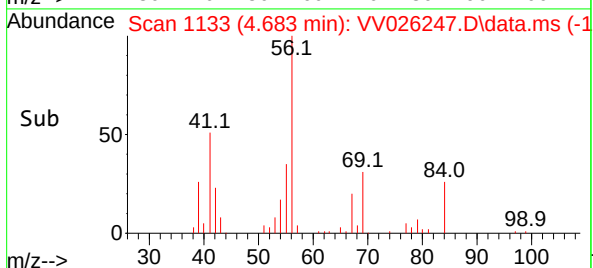
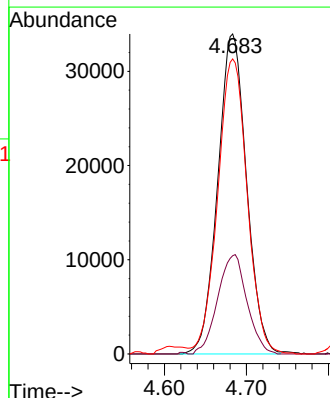
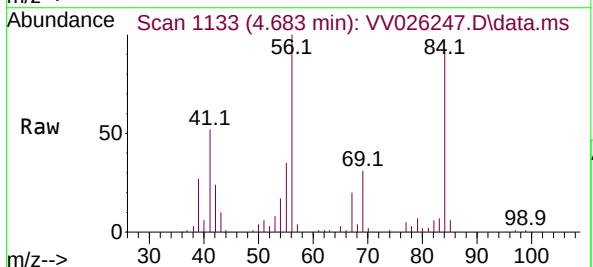
Tgt Ion: 56 Resp: 82886

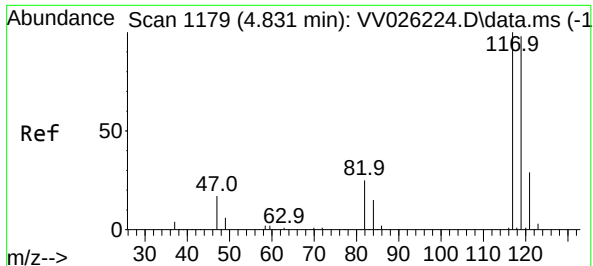
Ion Ratio Lower Upper

56 100

69 31.5 24.8 37.2

84 94.8 75.7 113.5

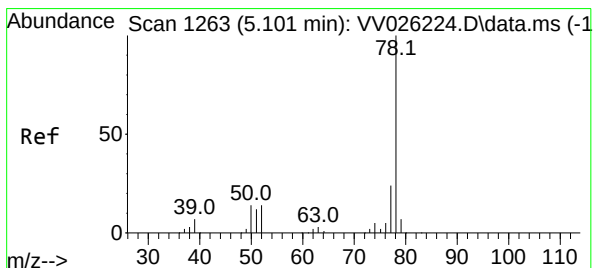
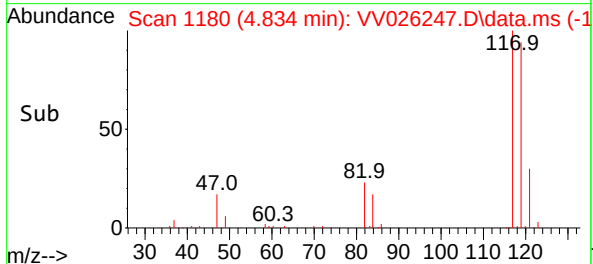
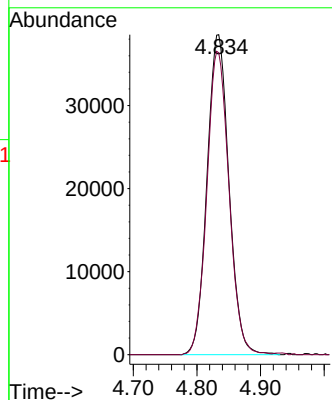
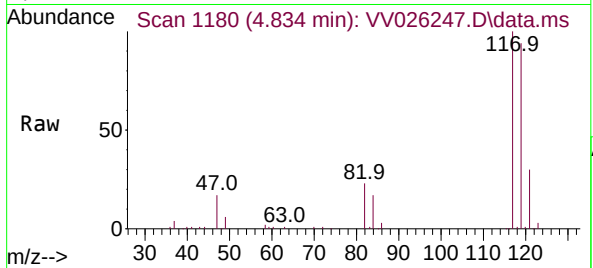




#31
Carbon tetrachloride
Concen: 5.098 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

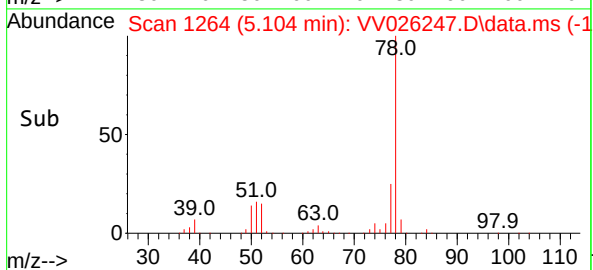
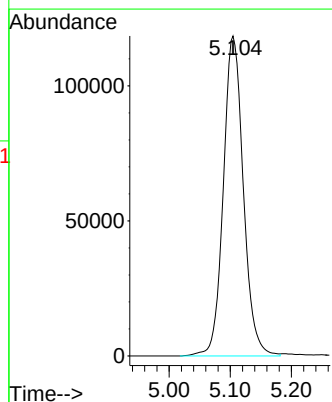
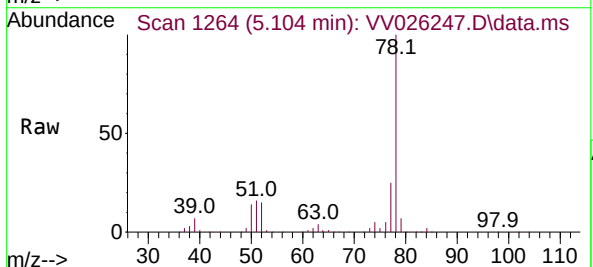
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

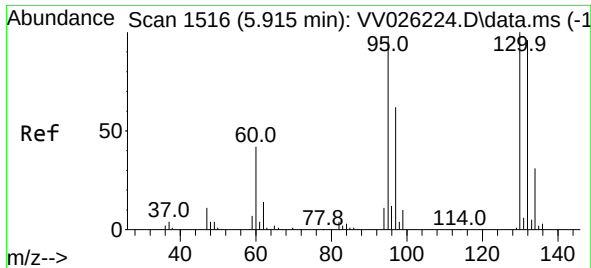
Tgt Ion:117 Resp: 92386
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.8



#33
Benzene
Concen: 5.212 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 78 Resp: 269543

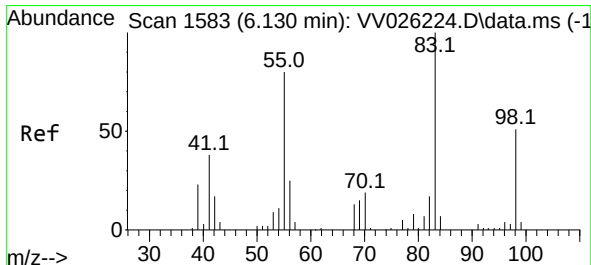
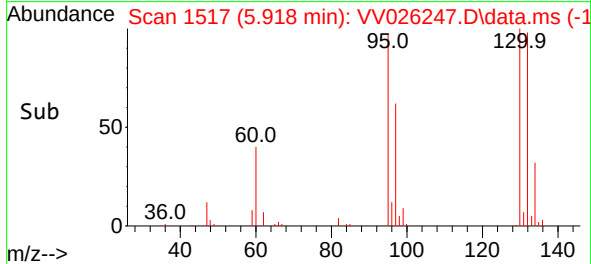
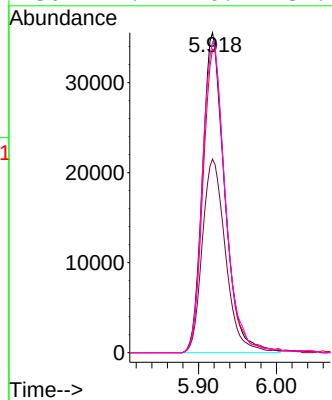
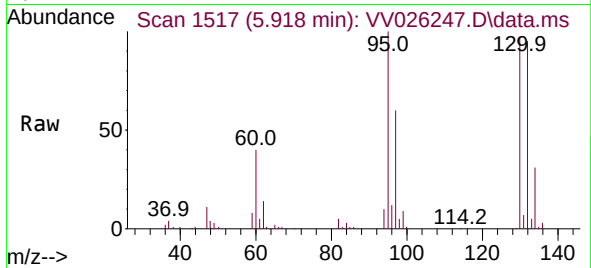




#34
Trichloroethene
Concen: 5.036 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

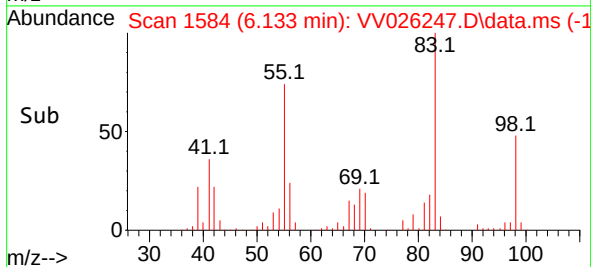
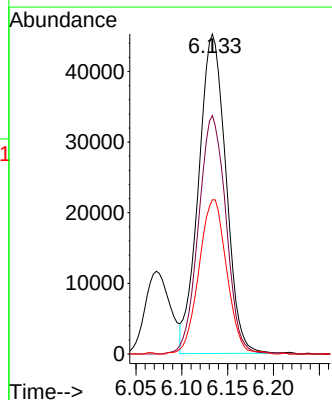
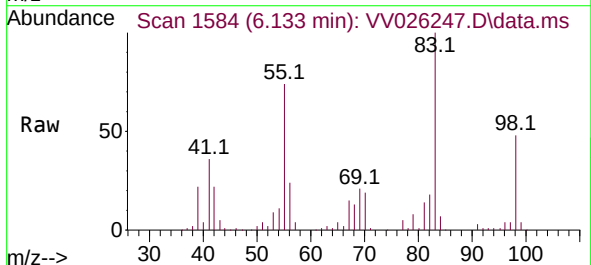
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

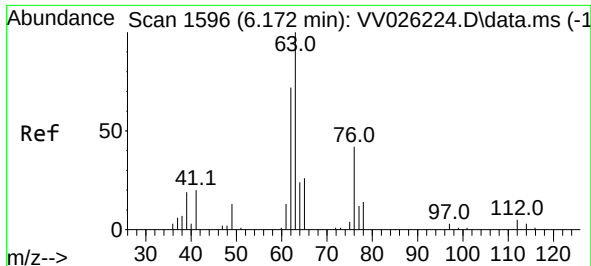
Tgt Ion: 95 Resp: 70346
Ion Ratio Lower Upper
95 100
97 60.5 43.3 80.3
132 94.9 67.5 125.4
130 97.1 70.9 131.7



#35
Methylcyclohexane
Concen: 4.962 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 83 Resp: 93713
Ion Ratio Lower Upper
83 100
55 74.9 59.5 89.3
98 49.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.700 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

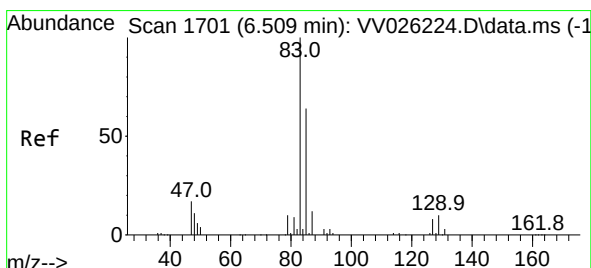
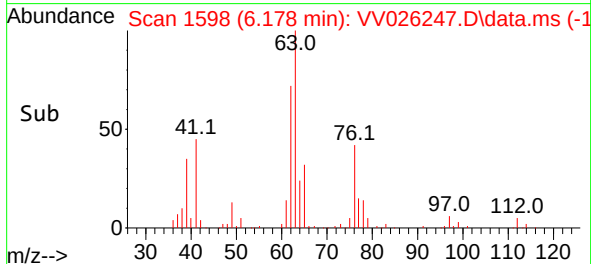
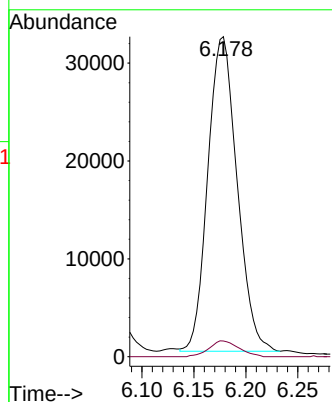
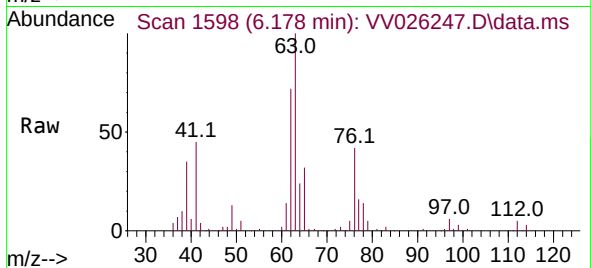
VSTD005314

Tgt Ion: 63 Resp: 62974

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 5.094 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

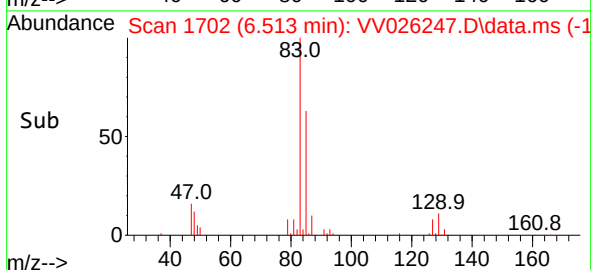
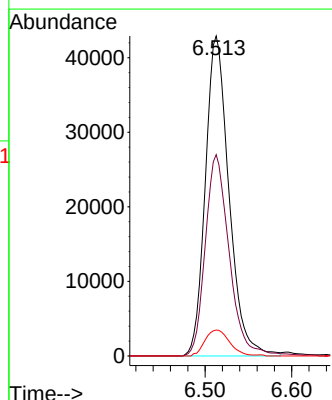
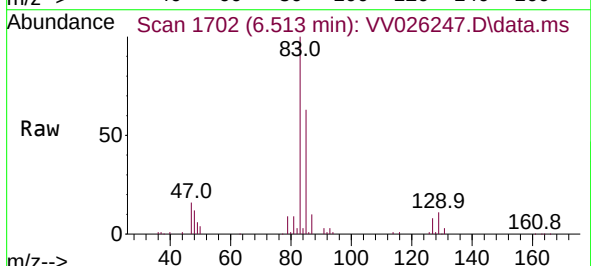
Tgt Ion: 83 Resp: 81295

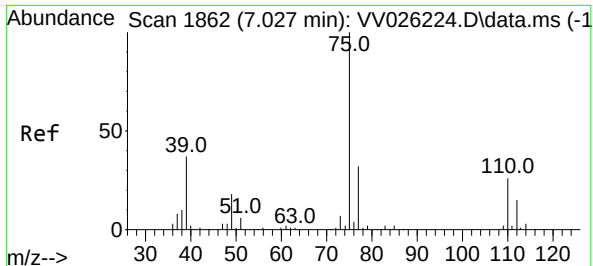
Ion Ratio Lower Upper

83 100

85 62.9 46.0 85.4

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.206 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

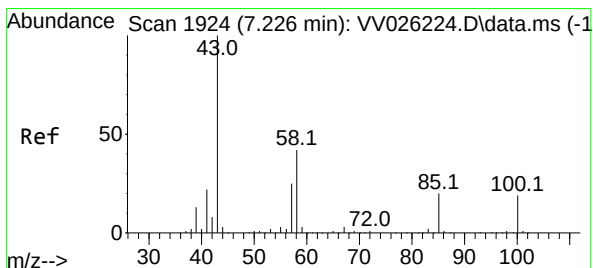
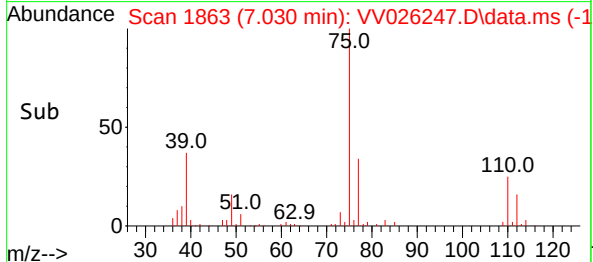
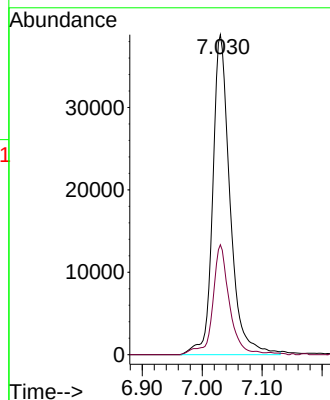
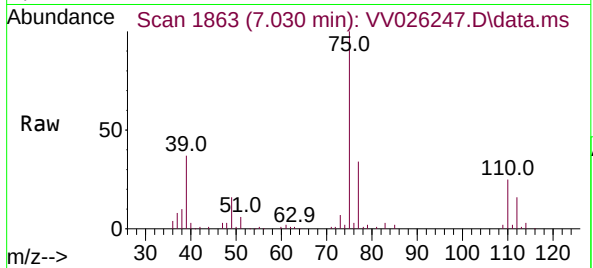
VSTD005314

Tgt Ion: 75 Resp: 77831

Ion Ratio Lower Upper

75 100

77 34.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.284 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

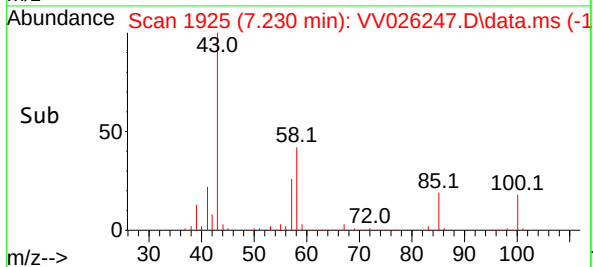
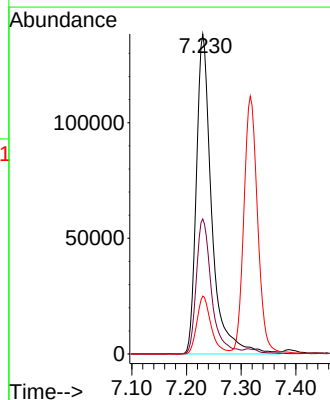
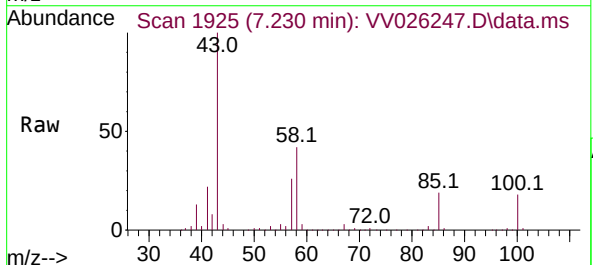
Tgt Ion: 43 Resp: 269880

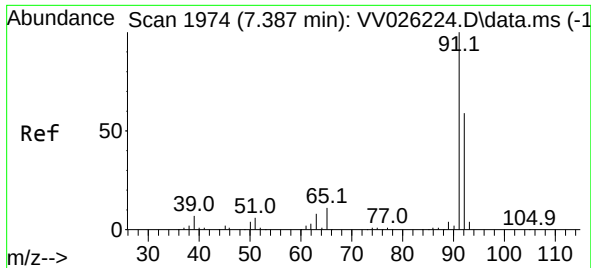
Ion Ratio Lower Upper

43 100

58 41.8 30.9 46.3

100 16.7 12.0 18.0





#42

Toluene

Concen: 5.383 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

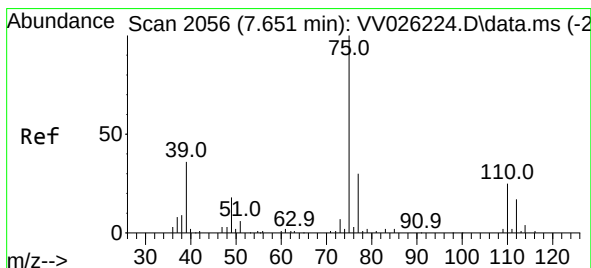
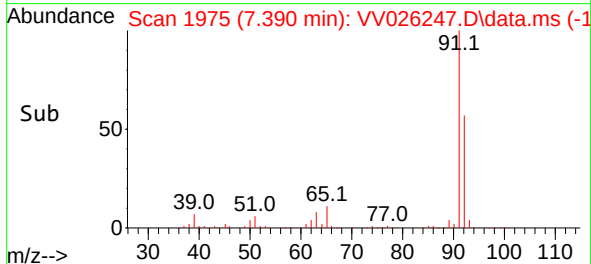
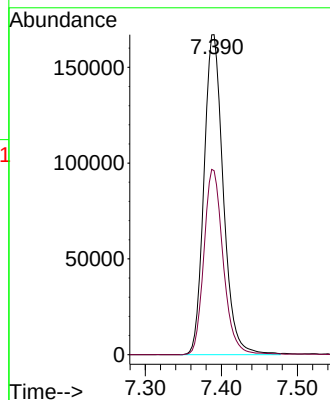
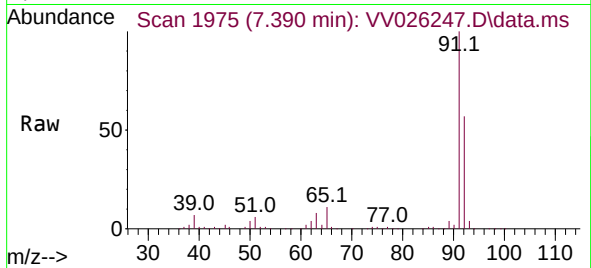
VSTD005314

Tgt Ion: 91 Resp: 294757

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.431 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026247.D

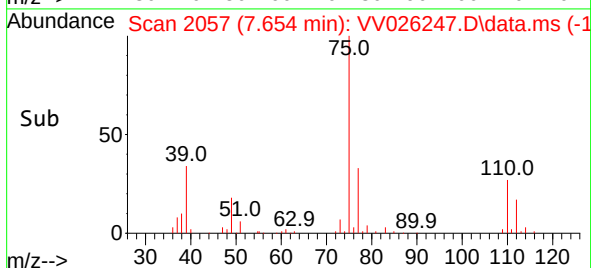
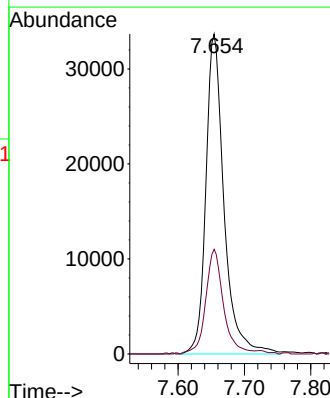
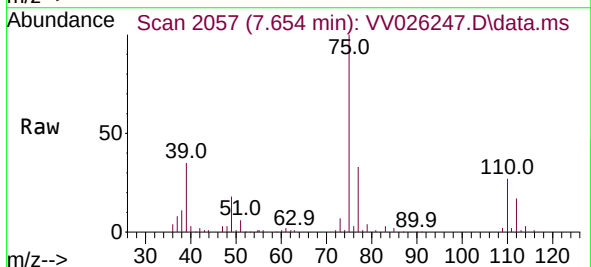
Acq: 14 Jun 2022 20:05

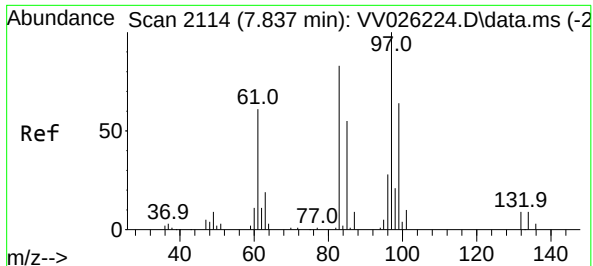
Tgt Ion: 75 Resp: 63863

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 5.235 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

Tgt Ion: 97 Resp: 44148

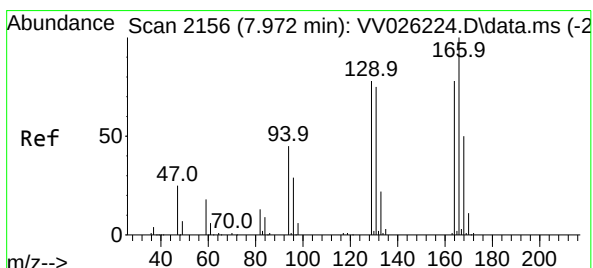
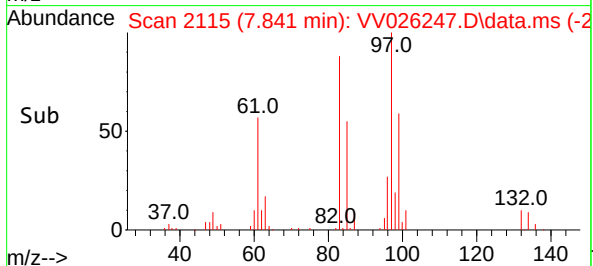
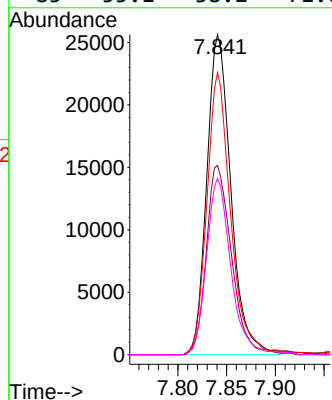
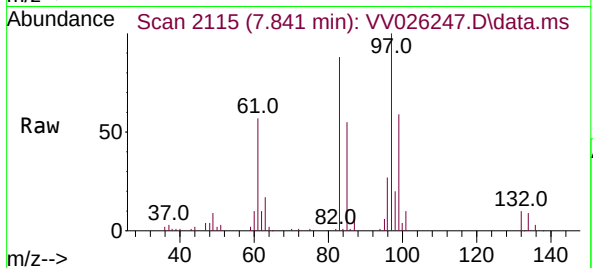
Ion Ratio Lower Upper

97 100

99 59.1 43.0 80.0

83 88.1 58.4 108.4

85 55.1 38.2 71.0



#47

Tetrachloroethene

Concen: 5.226 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Tgt Ion: 164 Resp: 52427

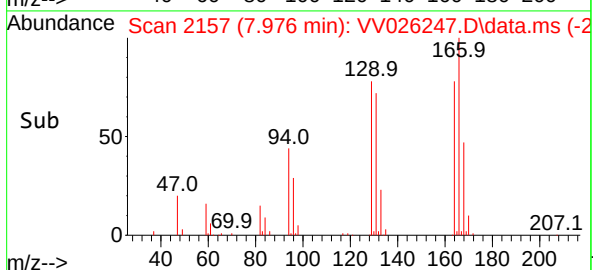
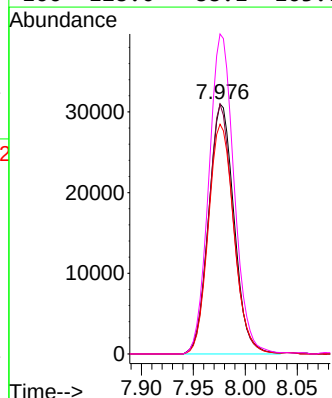
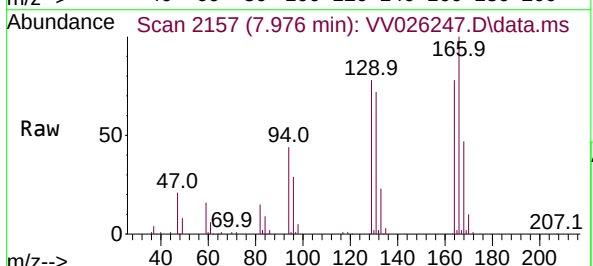
Ion Ratio Lower Upper

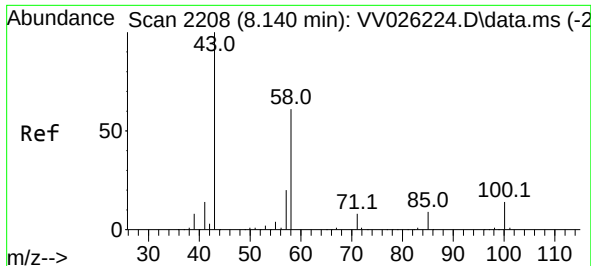
164 100

129 99.8 66.1 122.7

131 91.9 65.0 120.6

166 128.0 88.1 163.7

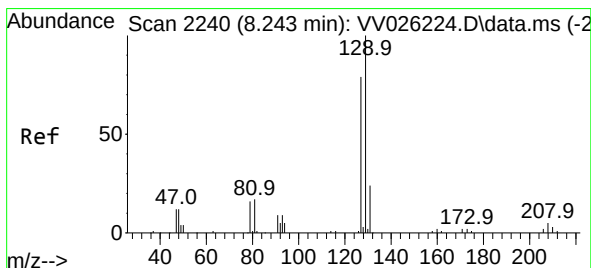
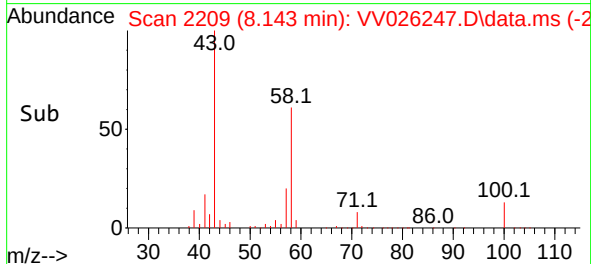
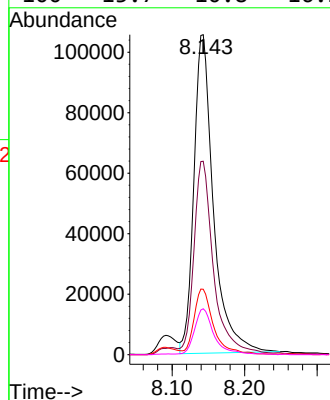
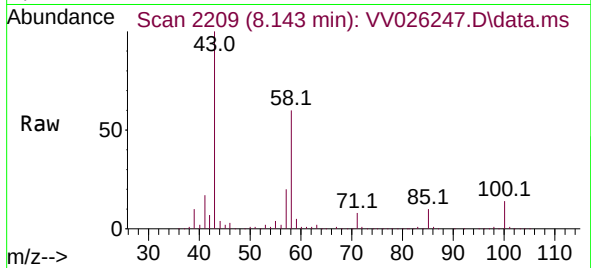




#48
2-Hexanone
Concen: 58.031 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

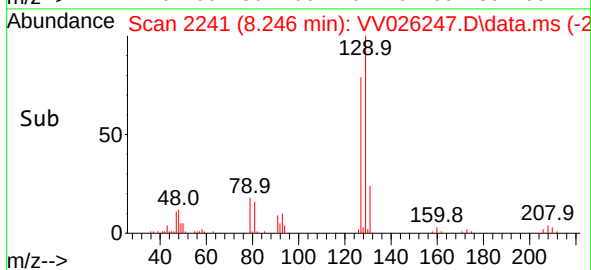
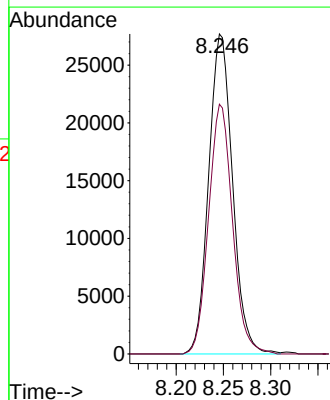
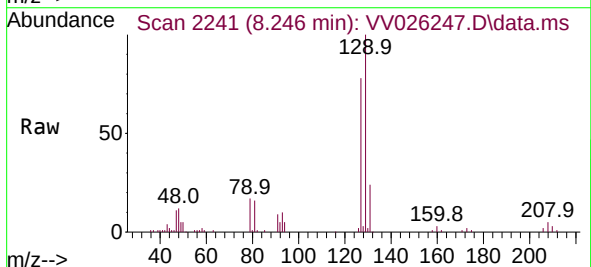
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

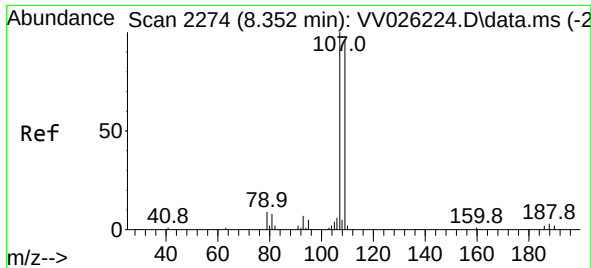
Tgt Ion: 43 Resp: 197597
Ion Ratio Lower Upper
43 100
58 60.1 46.1 69.1
57 20.3 15.3 22.9
100 13.7 10.8 16.2



#49
Dibromochloromethane
Concen: 5.286 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 129 Resp: 48664
Ion Ratio Lower Upper
129 100
127 78.1 50.9 94.5

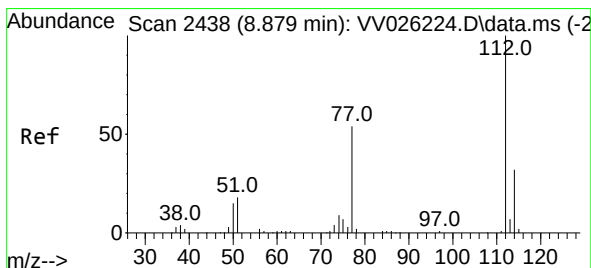
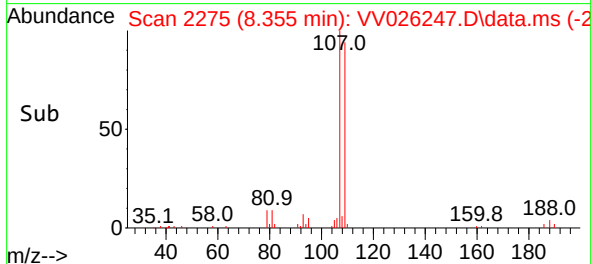
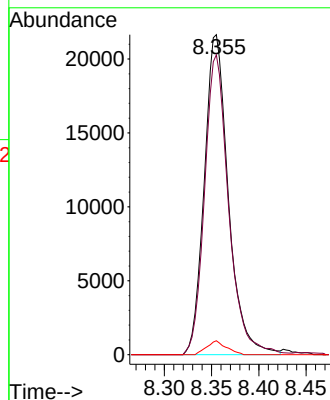
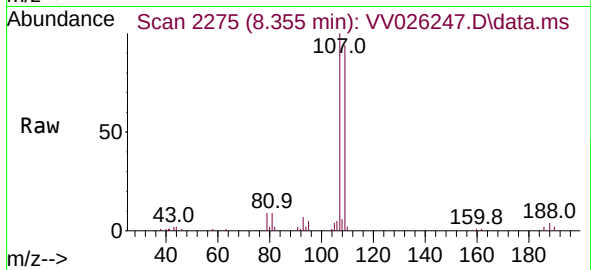




#50
 1,2-Dibromoethane
 Concen: 5.322 ug/L
 RT: 8.355 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

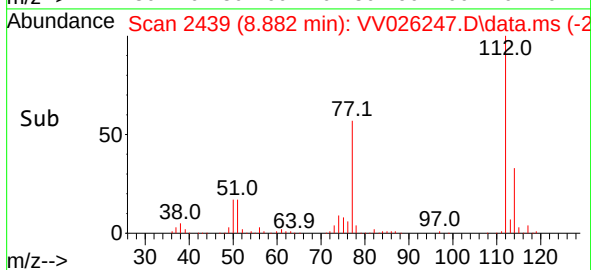
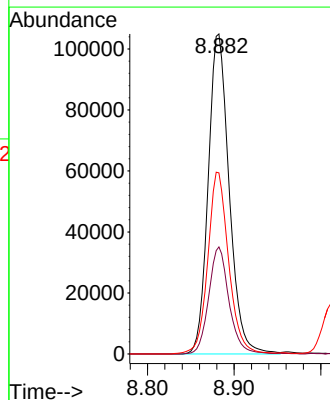
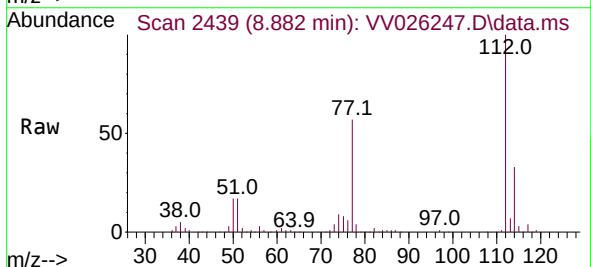
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

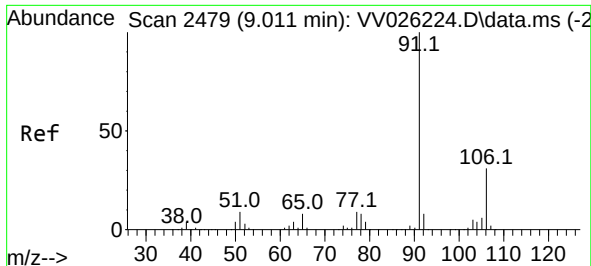
Tgt Ion:107 Resp: 38395
 Ion Ratio Lower Upper
 107 100
 109 93.7 66.9 124.3
 188 4.3 2.9 4.3#



#51
 Chlorobenzene
 Concen: 5.012 ug/L
 RT: 8.882 min Scan# 2439
 Delta R.T. 0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion:112 Resp: 176481
 Ion Ratio Lower Upper
 112 100
 114 33.4 21.8 40.6
 77 56.6 44.6 66.8

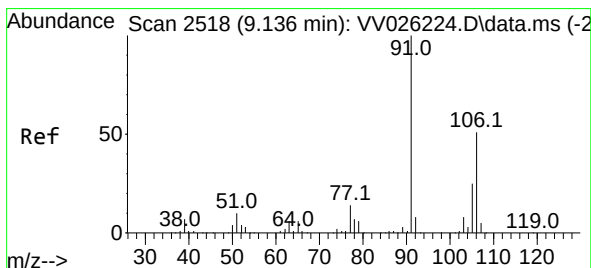
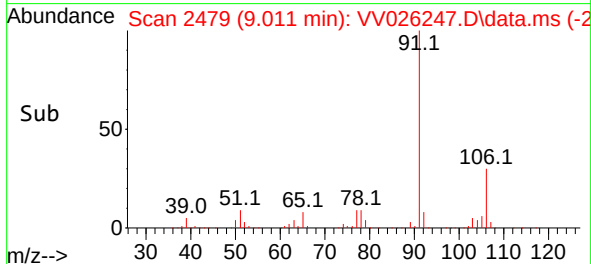
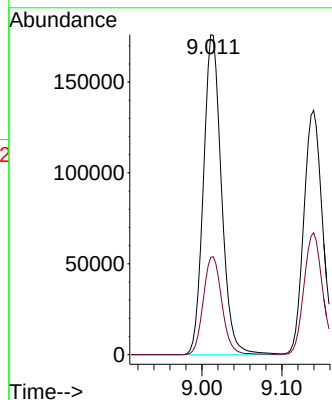
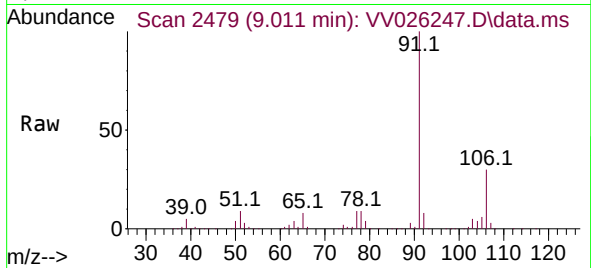




#52
Ethylbenzene
Concen: 5.099 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

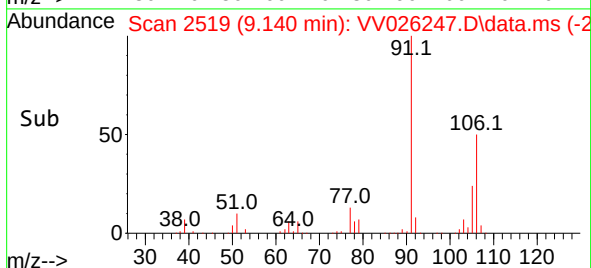
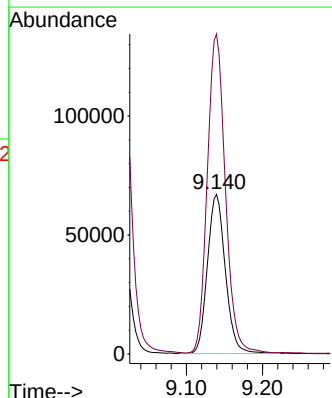
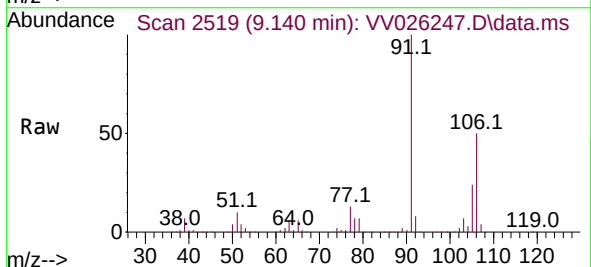
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

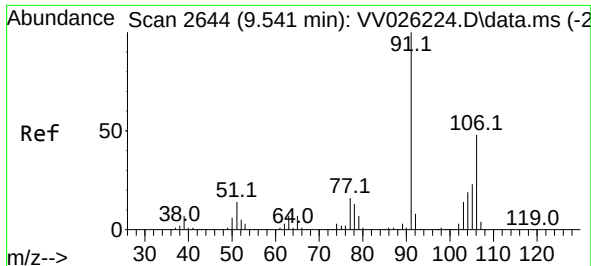
Tgt Ion: 91 Resp: 277071
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3



#53
m,p-Xylene
Concen: 5.276 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 106 Resp: 109729
Ion Ratio Lower Upper
106 100
91 200.5 142.0 263.8

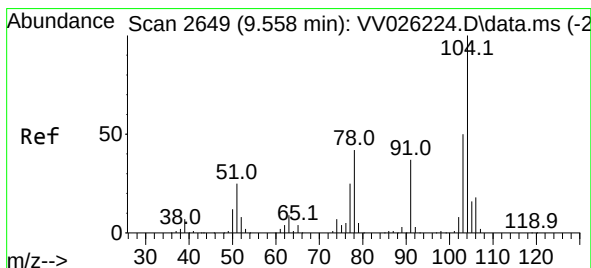
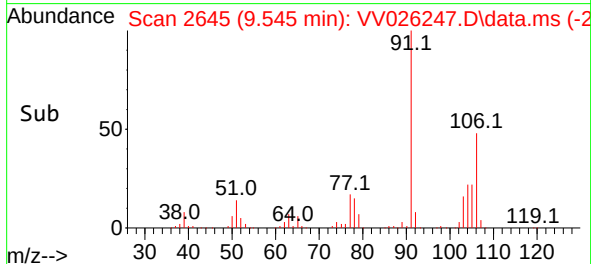
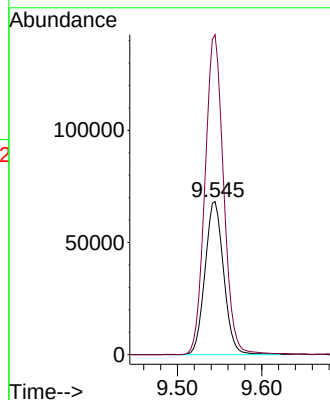
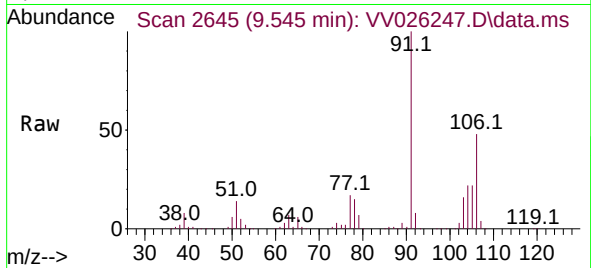




#54
o-Xylene
Concen: 5.241 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

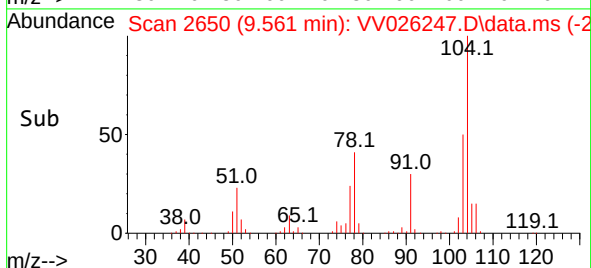
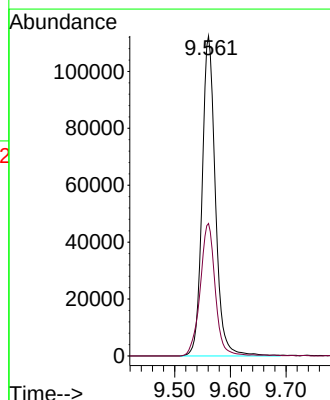
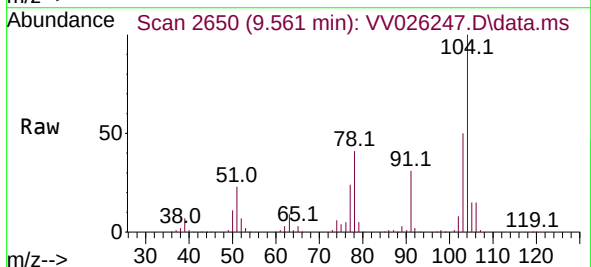
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

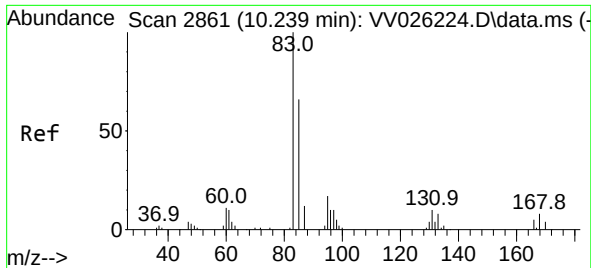
Tgt Ion:106 Resp: 105386
Ion Ratio Lower Upper
106 100
91 209.1 149.0 276.6



#55
Styrene
Concen: 5.618 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion:104 Resp: 186274
Ion Ratio Lower Upper
104 100
78 41.4 29.7 55.1

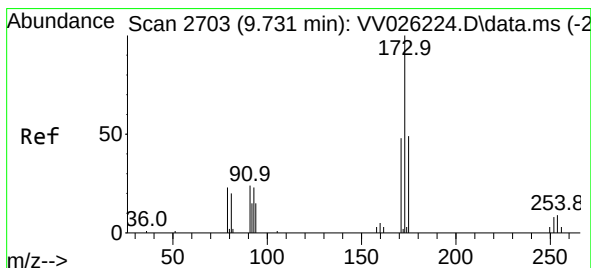
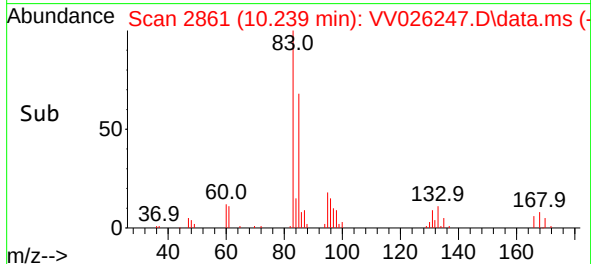
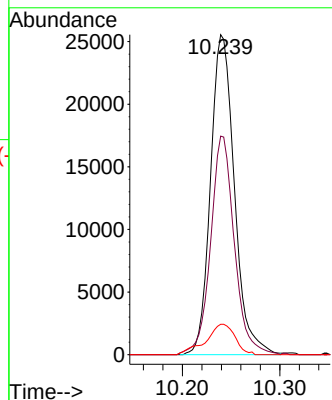
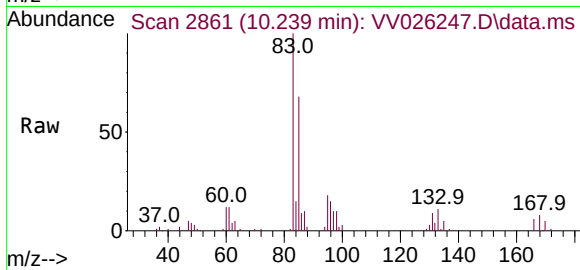




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.085 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

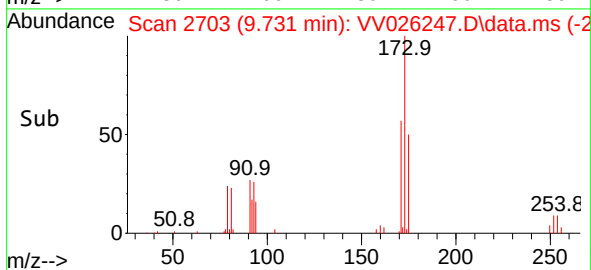
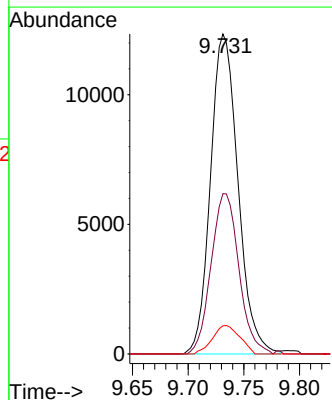
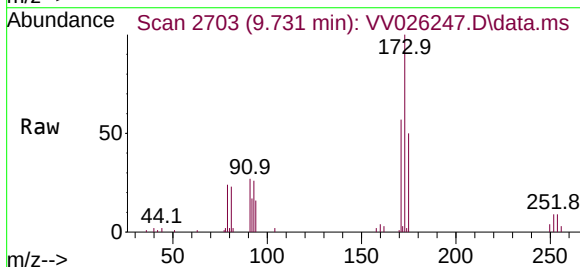
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

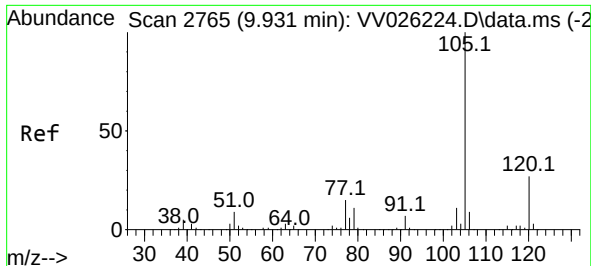
Tgt Ion: 83 Resp: 43469
 Ion Ratio Lower Upper
 83 100
 85 68.3 45.8 85.2
 131 9.5 7.1 10.7



#59
 Bromoform
 Concen: 5.030 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion: 173 Resp: 21198
 Ion Ratio Lower Upper
 173 100
 175 50.6 37.4 56.2
 254 8.8 6.5 9.7

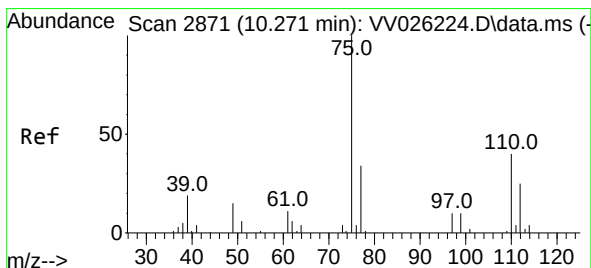
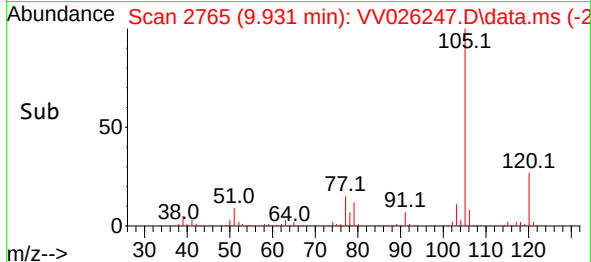
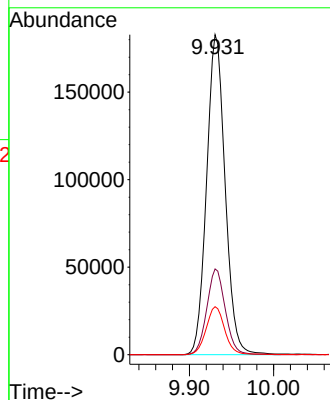
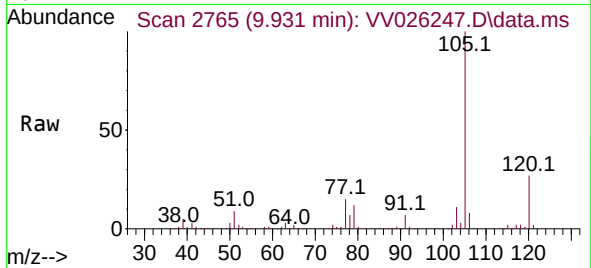




#60
Isopropylbenzene
Concen: 4.884 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

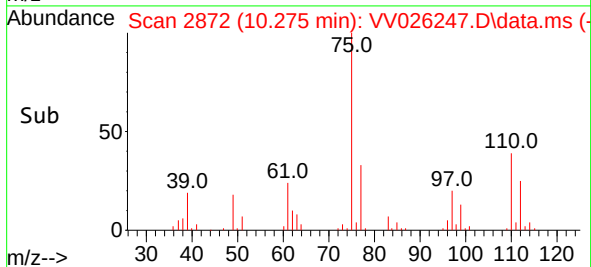
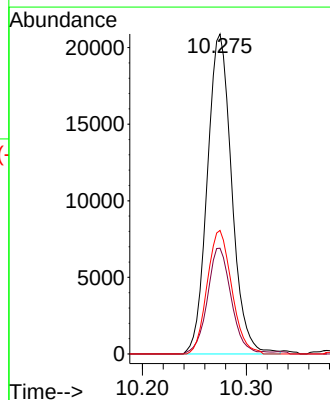
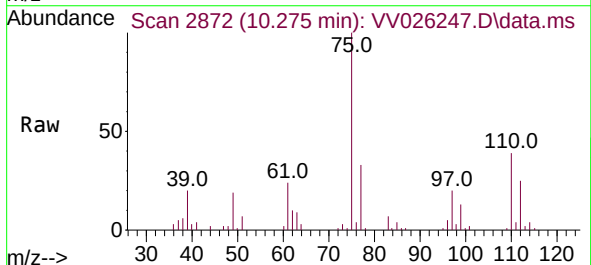
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

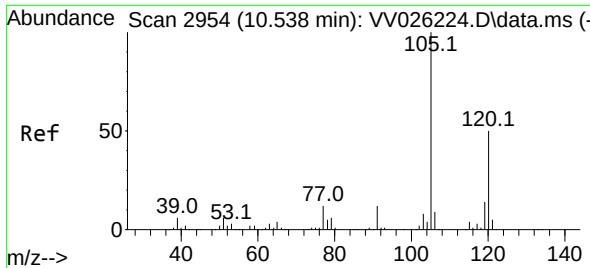
Tgt Ion:105 Resp: 280269
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.1 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.070 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 75 Resp: 34126
Ion Ratio Lower Upper
75 100
77 32.5 27.8 41.8
110 38.8 33.0 49.4

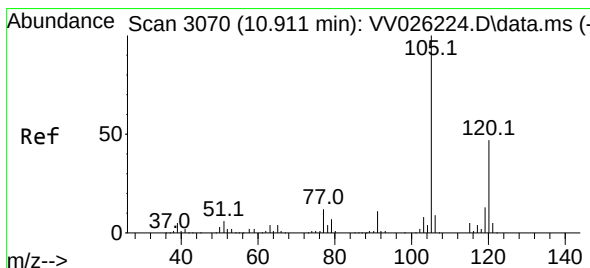
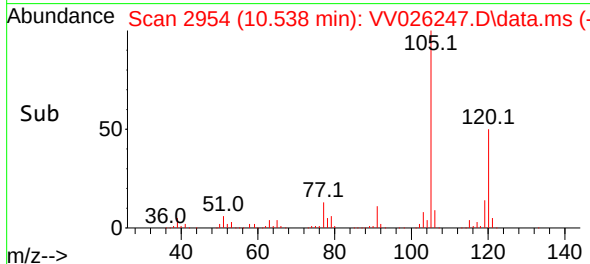
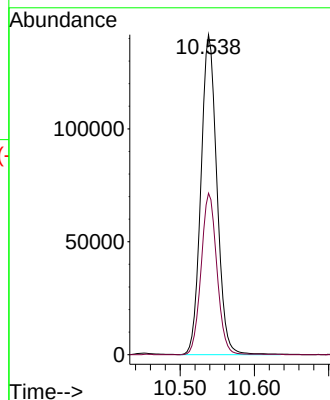
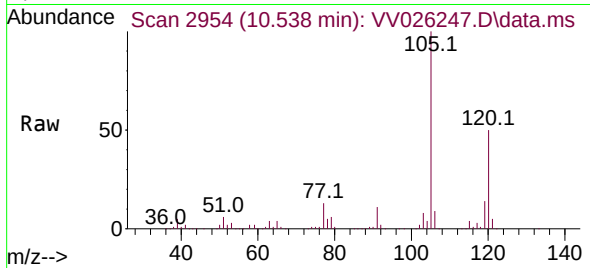




#62
 1,3,5-Trimethylbenzene
 Concen: 4.681 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

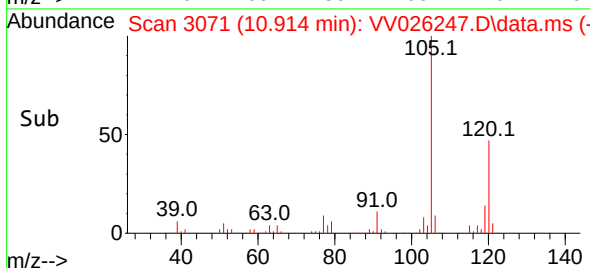
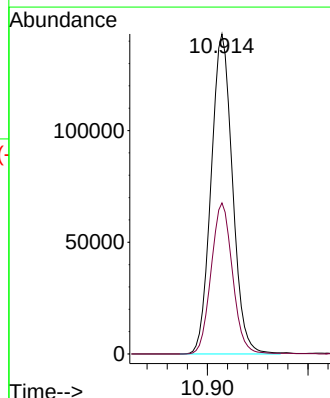
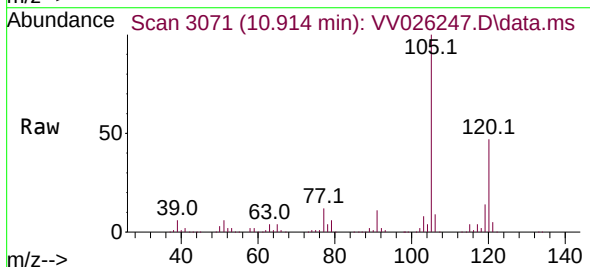
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

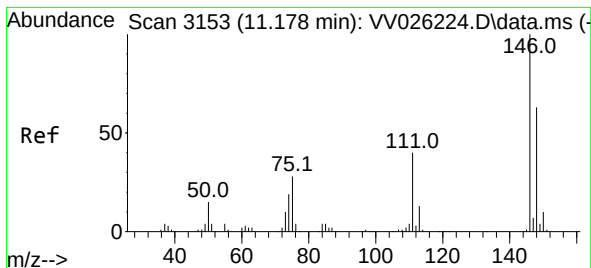
Tgt Ion:105 Resp: 211832
 Ion Ratio Lower Upper
 105 100
 120 49.7 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.749 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026247.D
 Acq: 14 Jun 2022 20:05

Tgt Ion:105 Resp: 211511
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 5.046 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

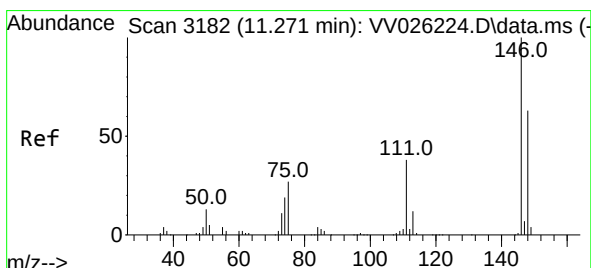
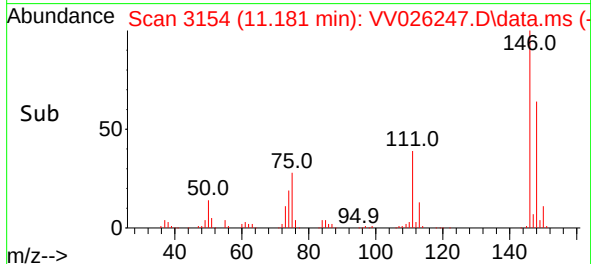
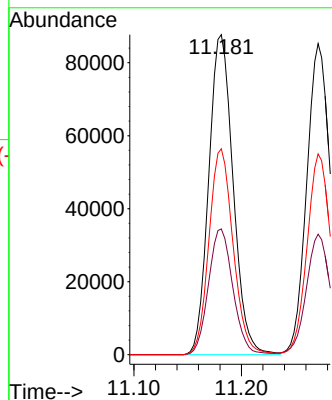
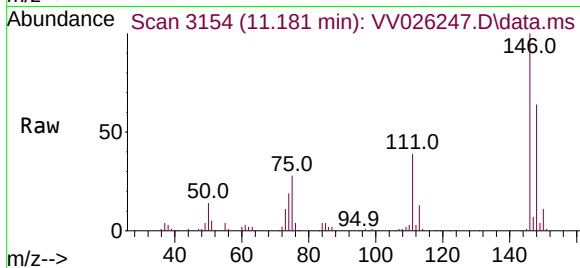
Tgt Ion:146 Resp: 138051

Ion Ratio Lower Upper

146 100

111 39.3 27.2 50.4

148 64.4 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 5.006 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

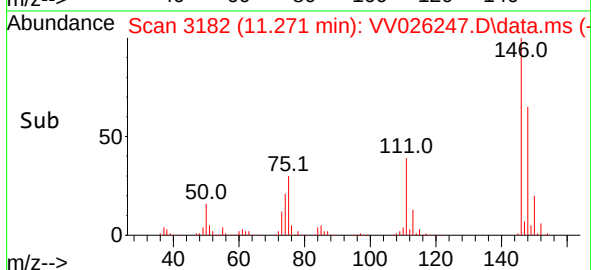
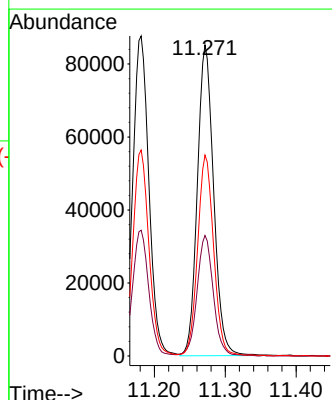
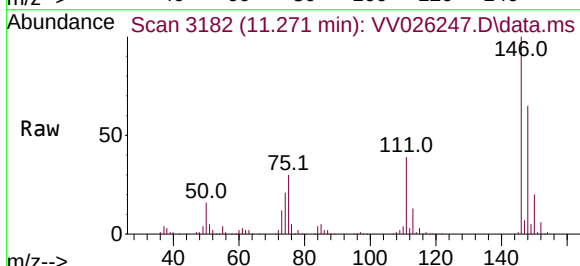
Tgt Ion:146 Resp: 135869

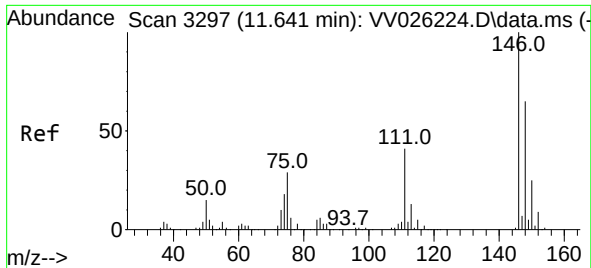
Ion Ratio Lower Upper

146 100

111 38.7 27.2 50.4

148 64.6 45.9 85.3

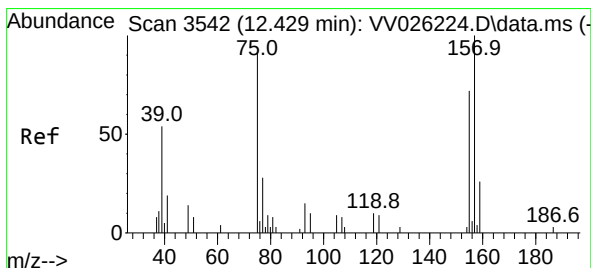
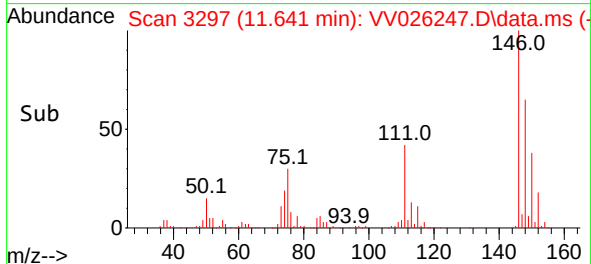
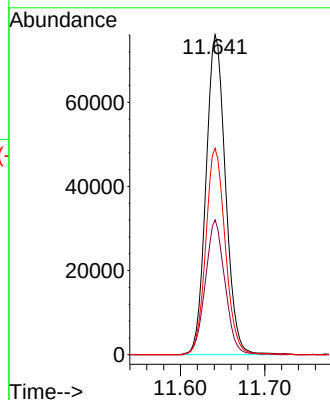
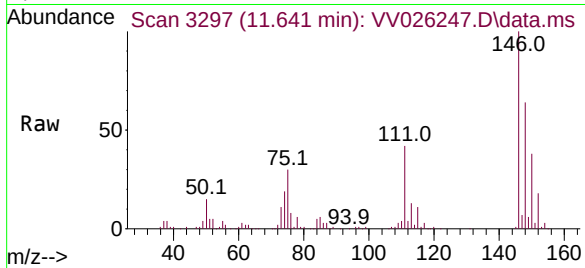




#67
1,2-Dichlorobenzene
Concen: 5.001 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

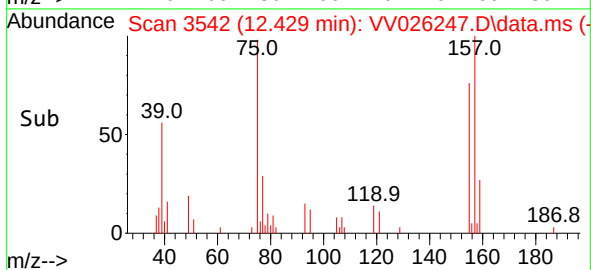
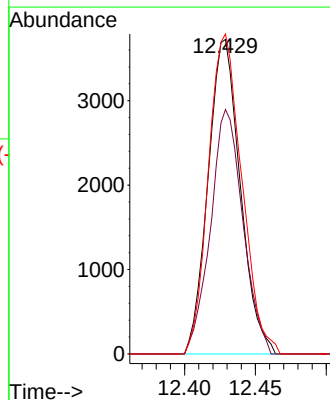
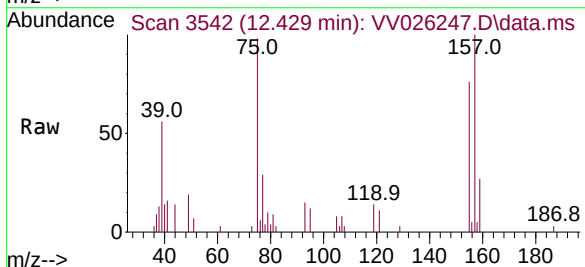
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

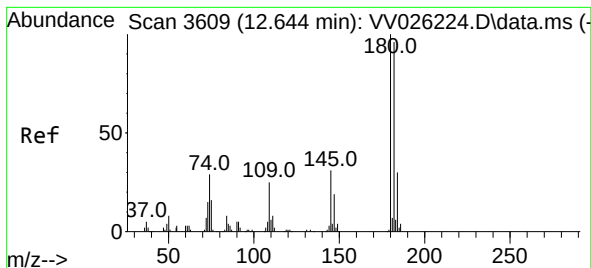
Tgt Ion:146 Resp: 122673
Ion Ratio Lower Upper
146 100
111 42.2 32.6 49.0
148 64.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.977 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV026247.D
Acq: 14 Jun 2022 20:05

Tgt Ion: 75 Resp: 5880
Ion Ratio Lower Upper
75 100
155 77.7 67.0 100.6
157 101.7 77.7 116.5





#69

1,3,5-Trichlorobenzene

Concen: 4.887 ug/L

RT: 12.644 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

Tgt Ion:180 Resp: 93966

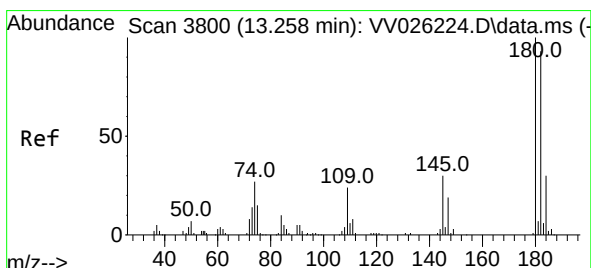
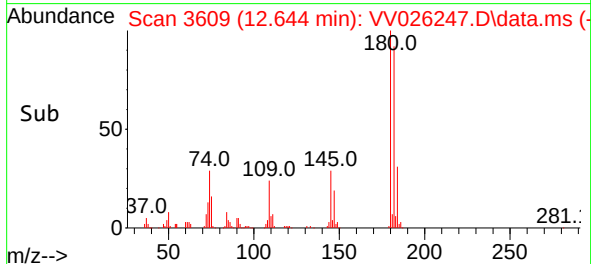
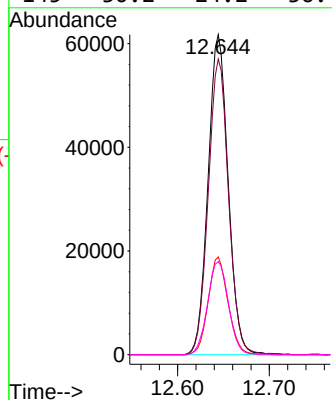
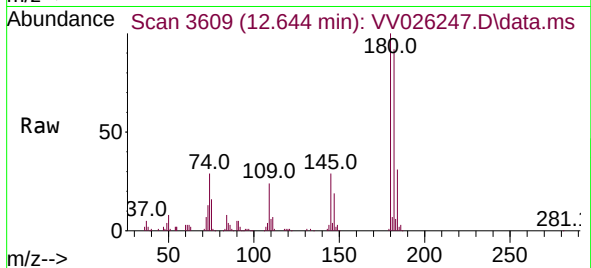
Ion Ratio Lower Upper

180 100

182 93.1 74.6 111.8

184 30.2 23.5 35.3

145 30.2 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.983 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

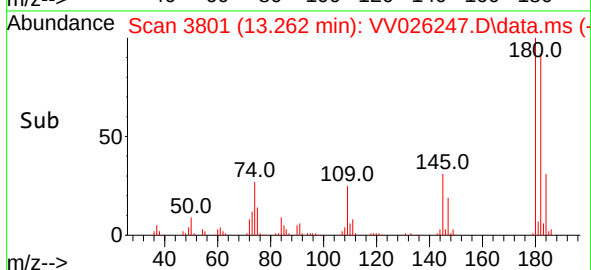
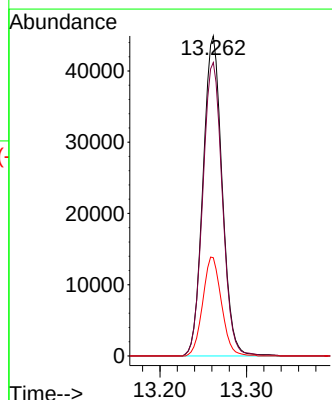
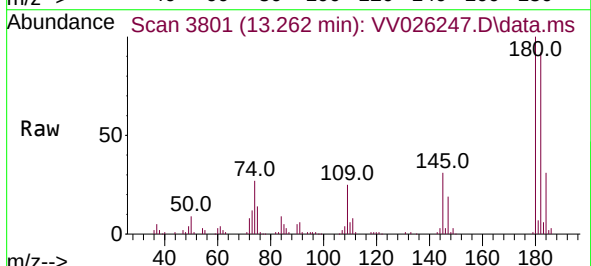
Tgt Ion:180 Resp: 68982

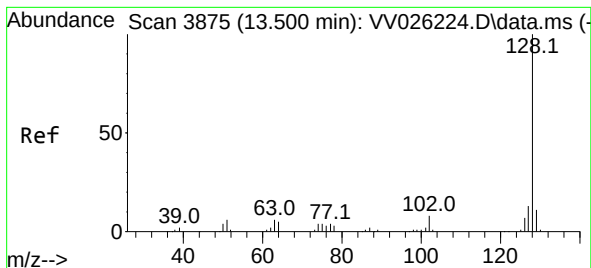
Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

145 30.3 23.8 35.8





#71

Naphthalene

Concen: 4.728 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

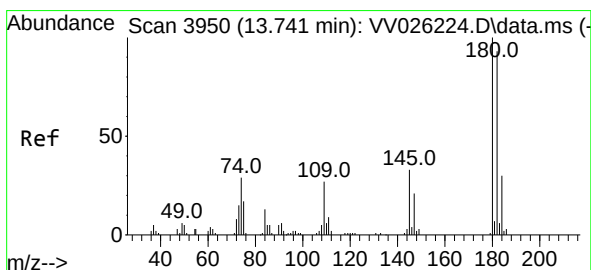
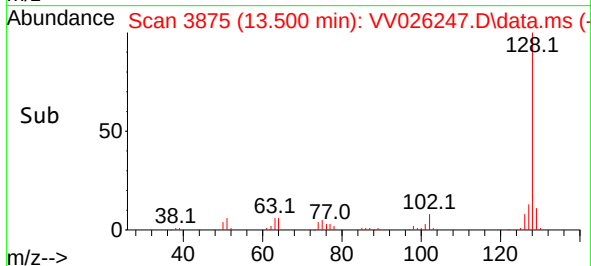
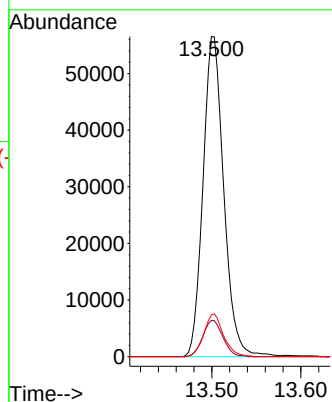
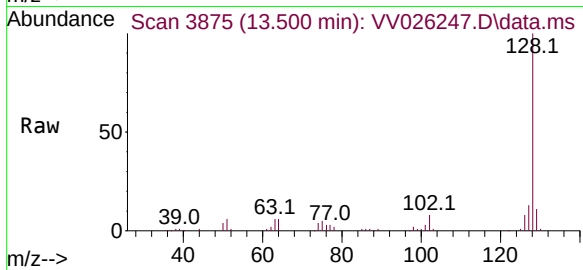
Tgt Ion:128 Resp: 91485

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 12.7 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.092 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026247.D

Acq: 14 Jun 2022 20:05

Tgt Ion:180 Resp: 58191

Ion Ratio Lower Upper

180 100

182 96.4 72.3 108.5

145 32.8 25.4 38.0

