

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025088.D
 Acq On : 18 Mar 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Quant Time: Mar 19 00:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	143688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55928	4.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.564	69	42095	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.105	63	93191	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.905	46	63723	46.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	4.346	84	94676	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.031	65	38918	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	192927	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.066	67	54925	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	175056	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.622	79	18627	4.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.088	63	63703	47.363	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32905	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	54091	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	68991	5.434	ug/L	98
3) Chloromethane	1.240	50	60189	5.027	ug/L	99
5) Vinyl chloride	1.307	62	67222	5.321	ug/L	98
6) Bromomethane	1.519	94	42880	5.252	ug/L	97
8) Chloroethane	1.584	64	41971	5.479	ug/L	98
9) Trichlorofluoromethane	1.751	101	96059	5.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	53277	5.718	ug/L	99
12) 1,1-Dichloroethene	2.114	96	50210	5.485	ug/L	96
13) Acetone	2.191	43	37605	41.014	ug/L	74
14) Carbon disulfide	2.291	76	172107	5.255	ug/L	100
15) Methyl Acetate	2.442	43	14407	5.735	ug/L #	88
16) Methylene chloride	2.503	84	60496	5.454	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	109078	5.471	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	60550	5.497	ug/L	98
19) 1,1-Dichloroethane	3.185	63	104610	5.580	ug/L	99
21) 2-Butanone	3.986	43	59837	41.348	ug/L	87
22) cis-1,2-Dichloroethene	3.908	96	61298	5.512	ug/L	98
23) Bromochloromethane	4.246	128	25030	5.708	ug/L	97
25) Chloroform	4.371	83	109276	5.598	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025088.D
 Acq On : 18 Mar 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

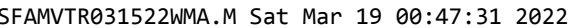
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

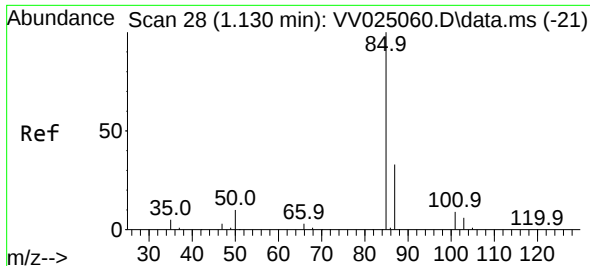
Quant Time: Mar 19 00:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	53229	5.484	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	95693	5.534	ug/L	99
30) Cyclohexane	4.670	56	87791	5.218	ug/L	98
31) Carbon tetrachloride	4.825	117	82434	5.556	ug/L	99
33) Benzene	5.095	78	238962	5.418	ug/L	100
34) Trichloroethene	5.912	95	65400	5.569	ug/L	99
35) Methylcyclohexane	6.124	83	100377	5.400	ug/L	99
37) 1,2-Dichloropropane	6.169	63	56459	5.570	ug/L	100
38) Bromodichloromethane	6.506	83	69988	5.460	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	76040	5.403	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	229288	54.978	ug/L	97
42) Toluene	7.384	91	258149	5.593	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	58983	5.327	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	37997	5.613	ug/L	99
47) Tetrachloroethene	7.973	164	45712	5.533	ug/L	99
48) 2-Hexanone	8.137	43	160616	54.323	ug/L	99
49) Dibromochloromethane	8.243	129	42110	5.557	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34517	5.571	ug/L	99
51) Chlorobenzene	8.879	112	160586	5.556	ug/L	99
52) Ethylbenzene	9.011	91	270463	5.539	ug/L	99
53) m,p-xylene	9.136	106	106057	5.640	ug/L	98
54) o-xylene	9.542	106	101152	5.625	ug/L	98
55) Styrene	9.558	104	170673	5.828	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38057	5.734	ug/L	99
59) Bromoform	9.731	173	18596	5.191	ug/L	98
60) Isopropylbenzene	9.927	105	272901	5.441	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29613	5.294	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	119620	5.256	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	220689	5.475	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	119020	5.470	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	117609	5.362	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	105219	5.458	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5201	5.424	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	84971	5.529	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	64672	5.401	ug/L	99
71) Naphthalene	13.500	128	111464	5.606	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56877	5.606	ug/L	99

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

Quant Time: Mar 19 00:47:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 18 02:20:05 2022
Response via : Initial Calibration

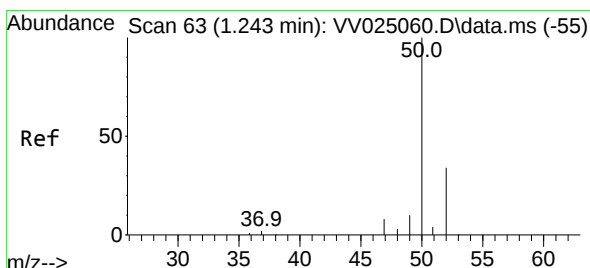
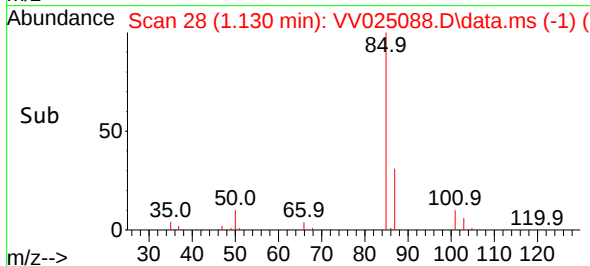
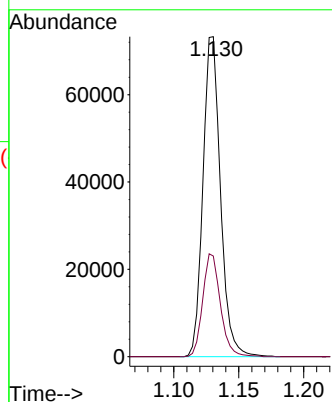
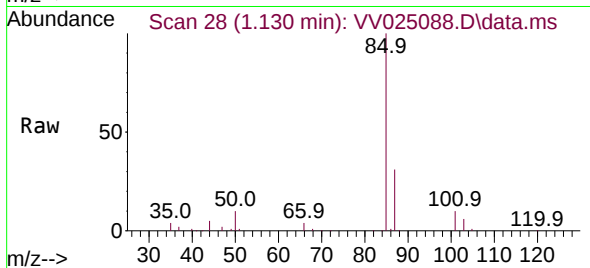




#2
 Dichlorodifluoromethane
 Concen: 5.434 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

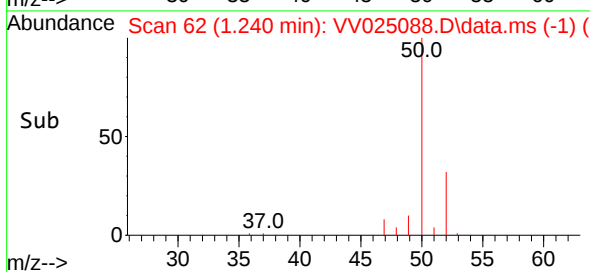
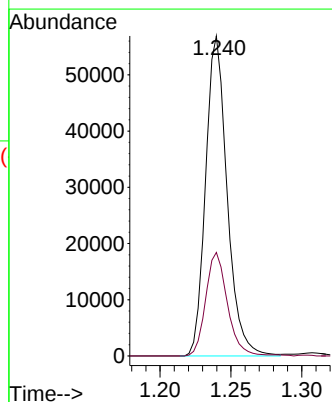
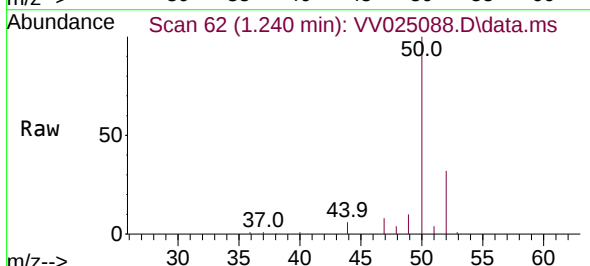
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

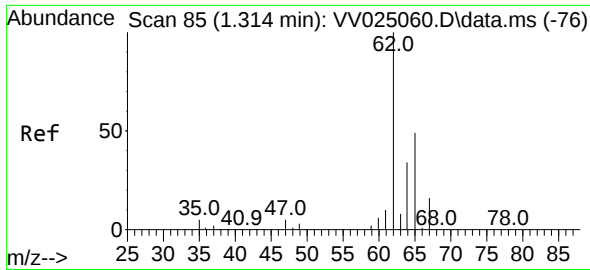
Tgt Ion: 85 Resp: 68991
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.7 40.1



#3
 Chloromethane
 Concen: 5.027 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

Tgt Ion: 50 Resp: 60189
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2

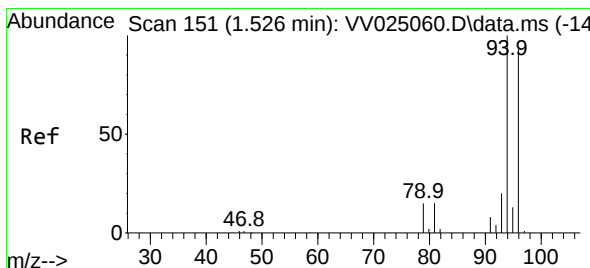
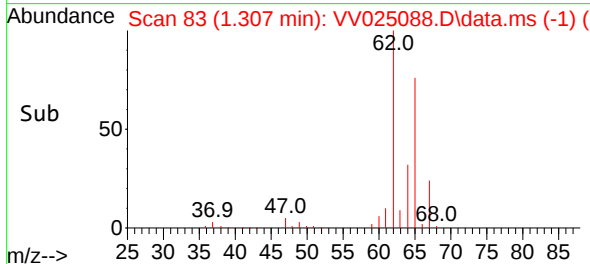
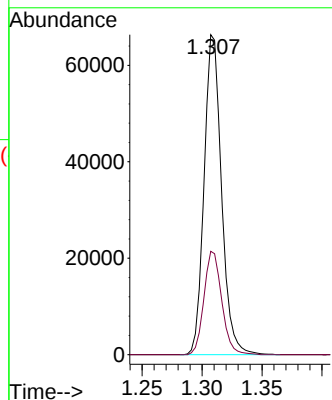
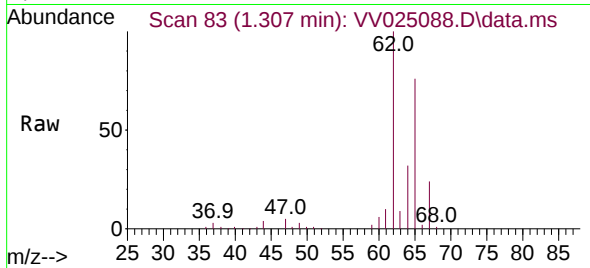




#5
 Vinyl chloride
 Concen: 5.321 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

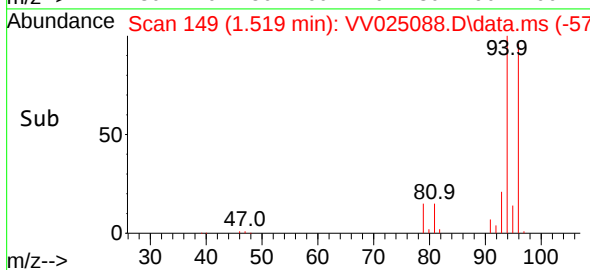
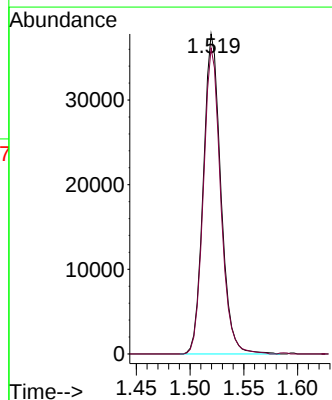
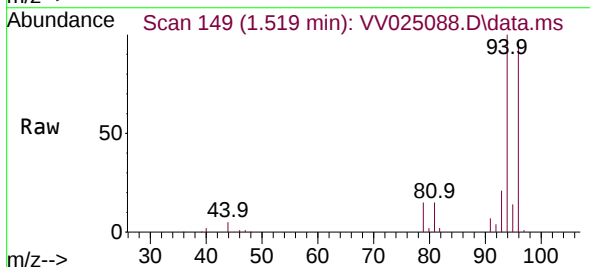
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

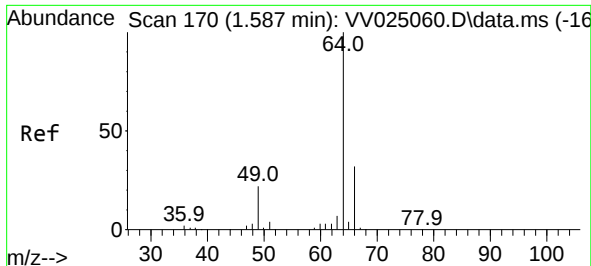
Tgt Ion: 62 Resp: 67222
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.4



#6
 Bromomethane
 Concen: 5.252 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

Tgt Ion: 94 Resp: 42880
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.9 120.5

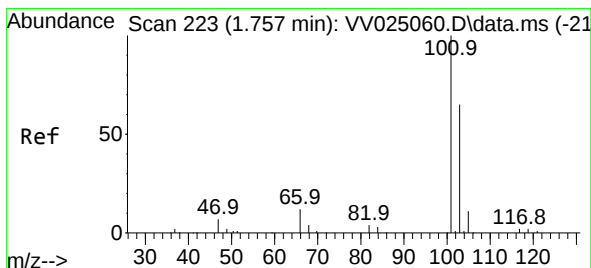
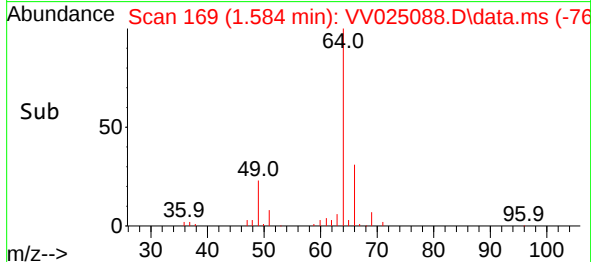
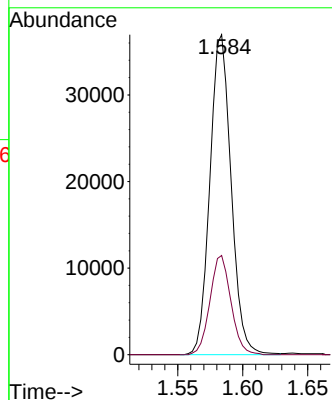
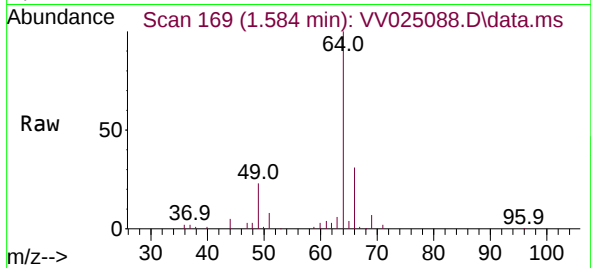




#8
Chloroethane
Concen: 5.479 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

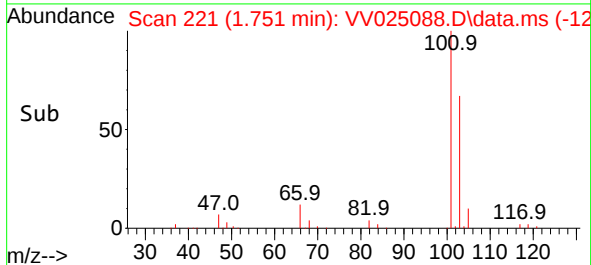
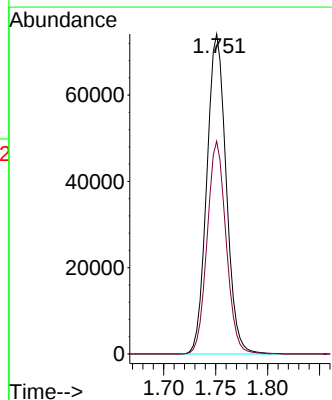
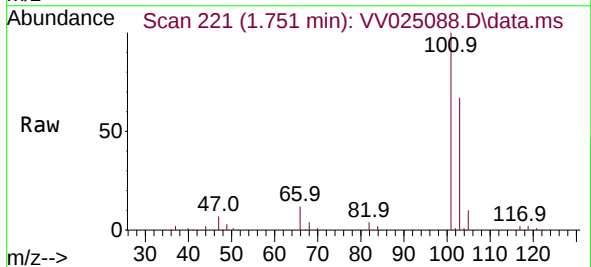
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

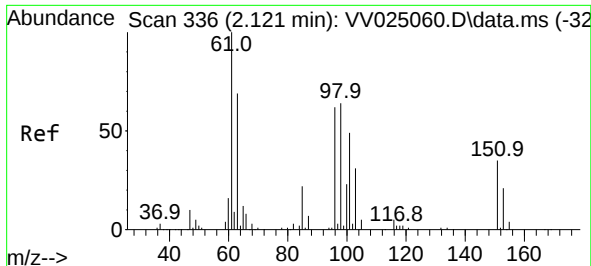
Tgt Ion: 64 Resp: 41971
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.591 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion:101 Resp: 96059
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

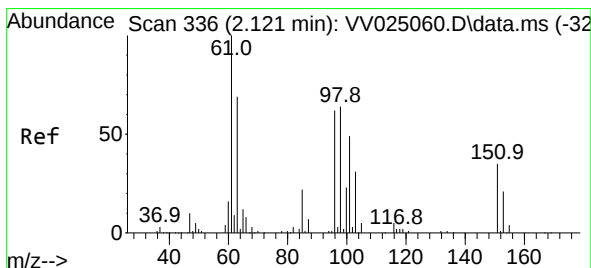
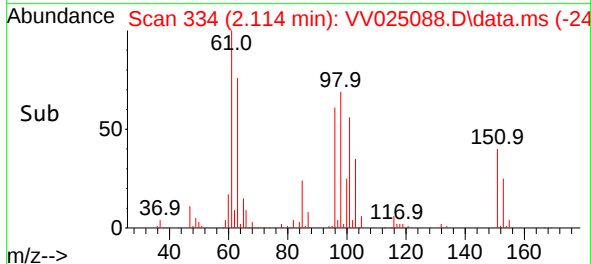
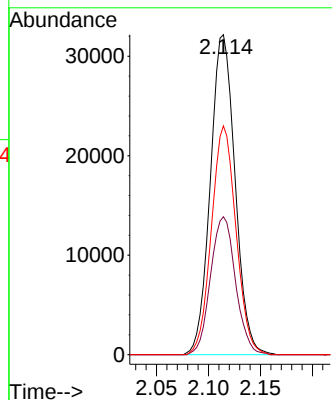
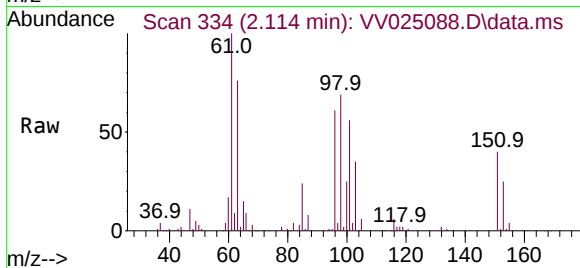




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.718 ug/L
 RT: 2.114 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

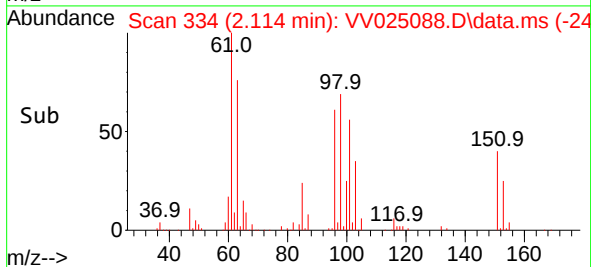
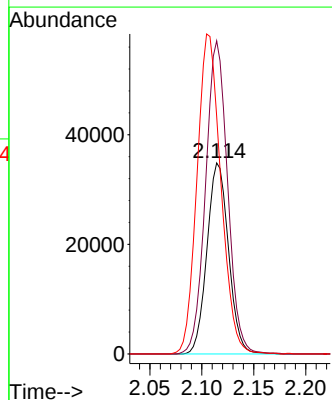
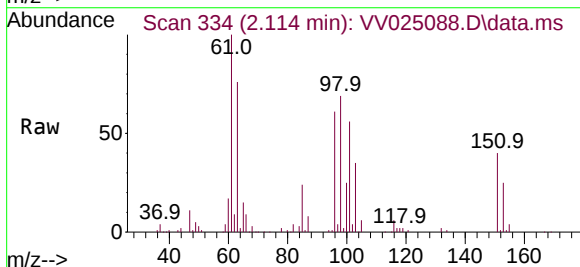
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

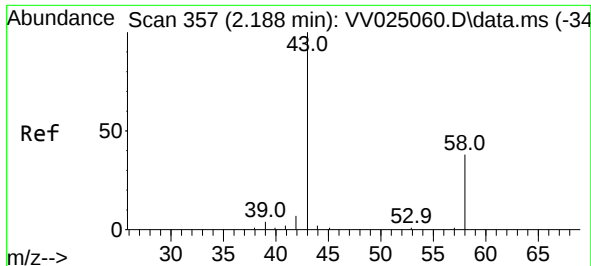
Tgt Ion:101 Resp: 53277
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.8 52.2
 151 71.0 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.485 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

Tgt Ion: 96 Resp: 50210
 Ion Ratio Lower Upper
 96 100
 61 164.0 113.0 209.9
 63 124.4 82.1 152.5





#13

Acetone

Concen: 41.014 ug/L

RT: 2.191 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

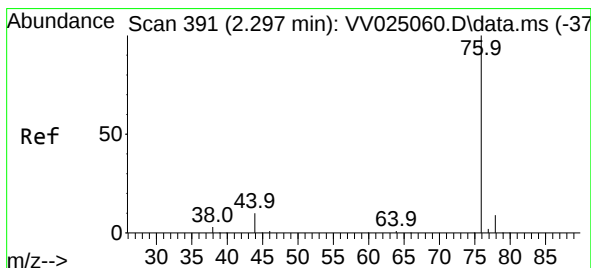
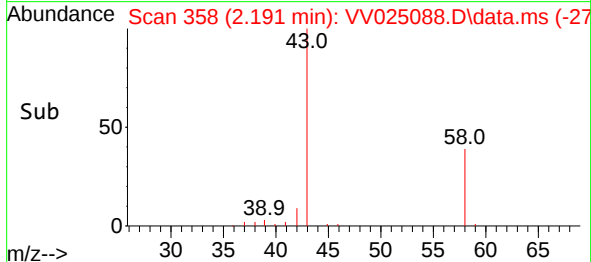
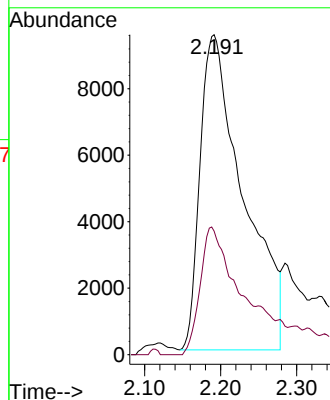
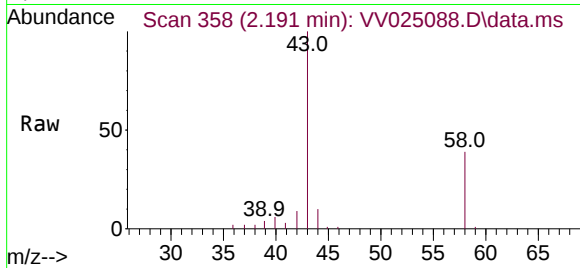
VSTD005338

Tgt Ion: 43 Resp: 37605

Ion Ratio Lower Upper

43 100

58 40.5 0.0 54.2



#14

Carbon disulfide

Concen: 5.255 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV025088.D

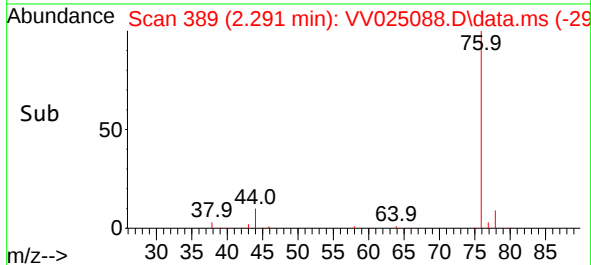
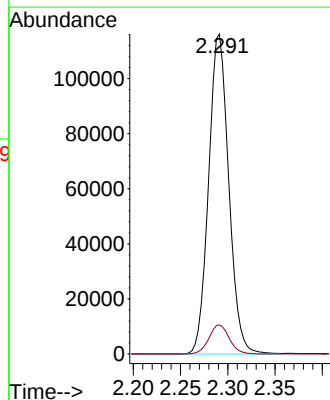
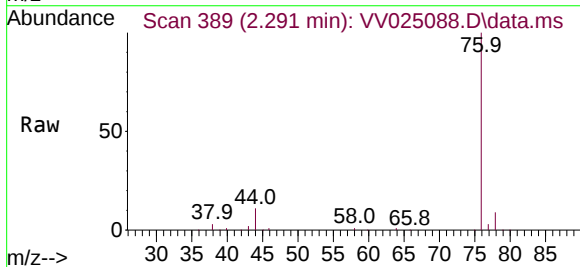
Acq: 18 Mar 2022 10:19

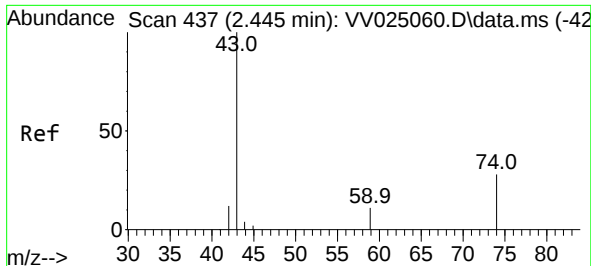
Tgt Ion: 76 Resp: 172107

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 5.735 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

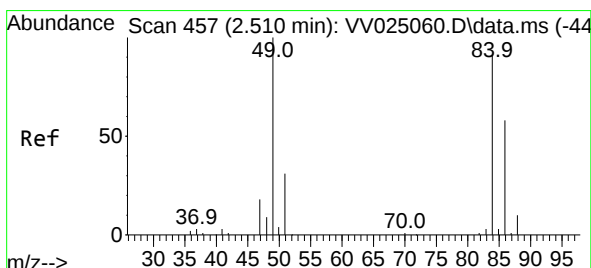
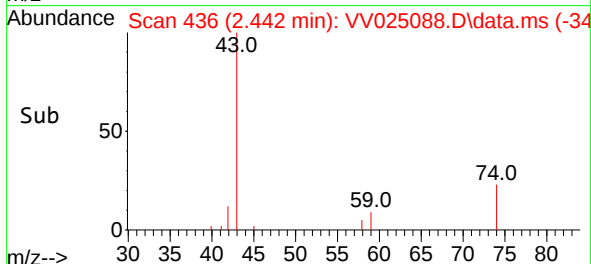
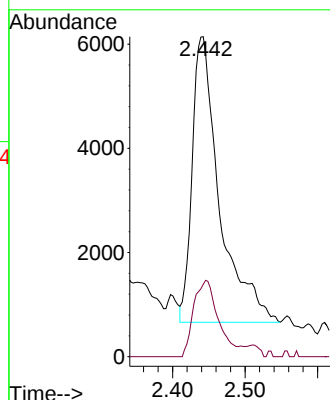
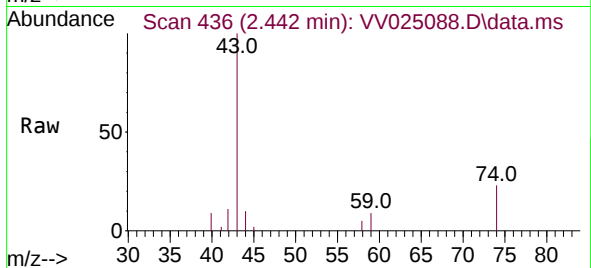
VSTD005338

Tgt Ion: 43 Resp: 14407

Ion Ratio Lower Upper

43 100

74 24.0 24.2 36.4#



#16

Methylene chloride

Concen: 5.454 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

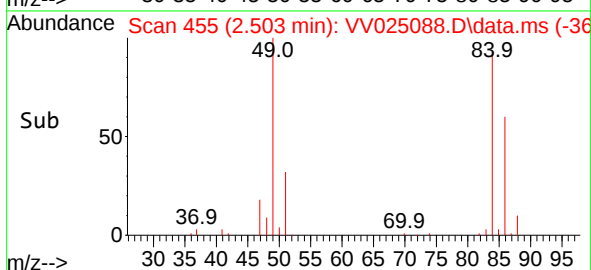
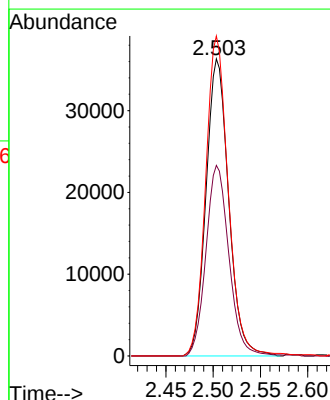
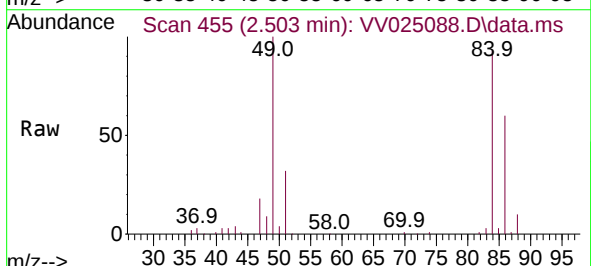
Tgt Ion: 84 Resp: 60496

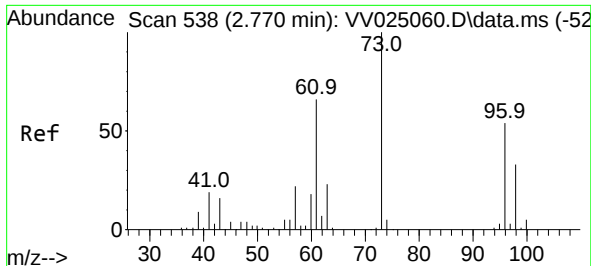
Ion Ratio Lower Upper

84 100

86 64.1 45.5 84.5

49 107.7 75.0 139.2

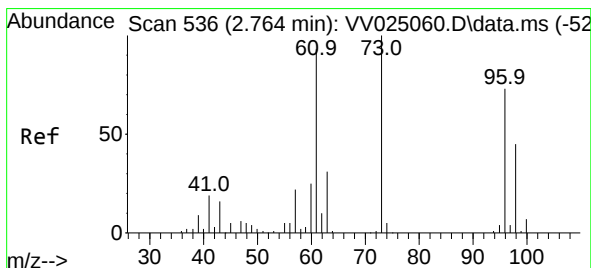
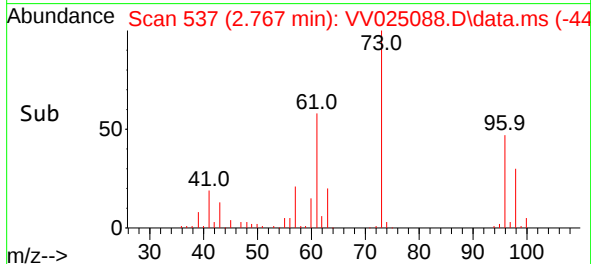
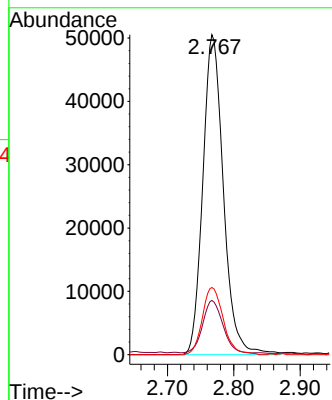
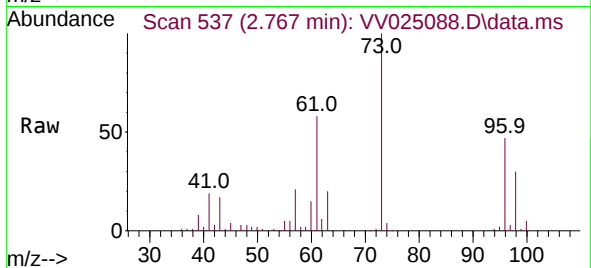




#17
Methyl tert-butyl Ether
Concen: 5.471 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

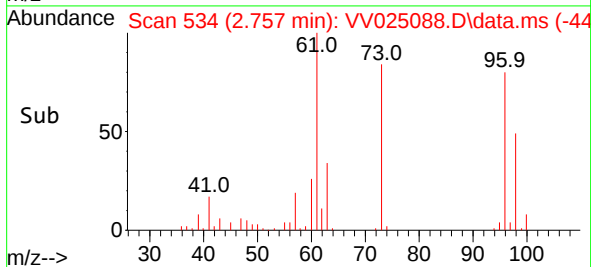
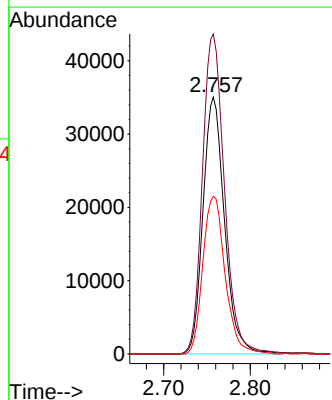
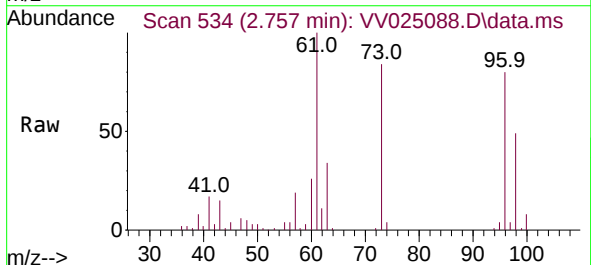
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

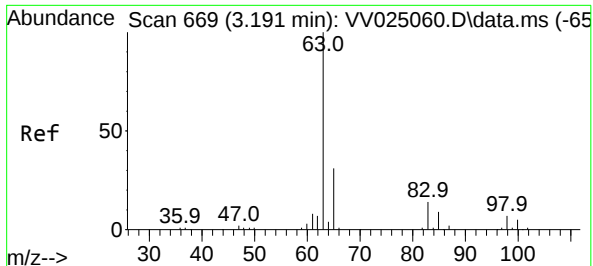
Tgt Ion: 73 Resp: 109078
Ion Ratio Lower Upper
73 100
43 15.9 13.2 19.8
57 21.3 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.497 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion: 96 Resp: 60550
Ion Ratio Lower Upper
96 100
61 124.6 89.2 165.6
98 61.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.580 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

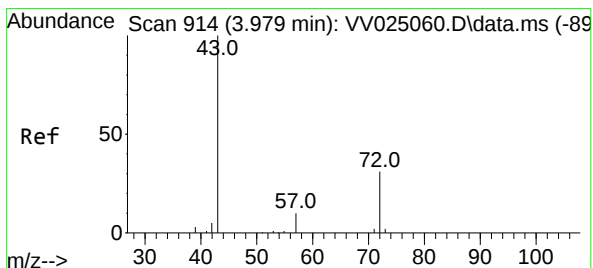
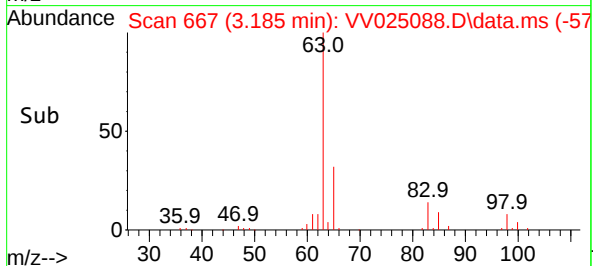
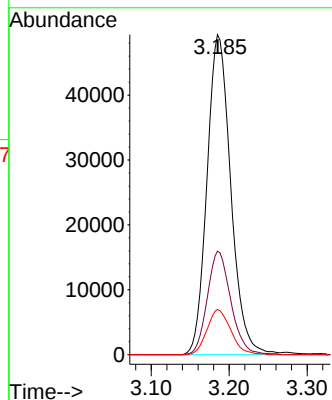
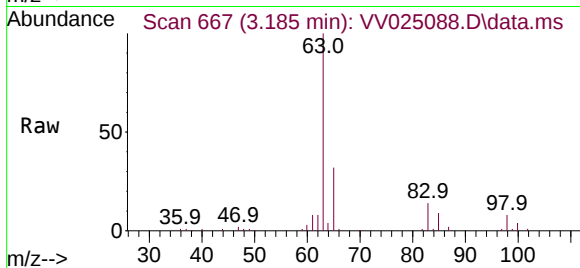
Tgt Ion: 63 Resp: 104610

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 14.1 9.4 17.4



#21

2-Butanone

Concen: 41.348 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.013 min

Lab File: VV025088.D

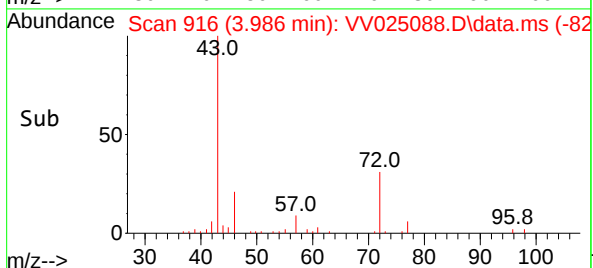
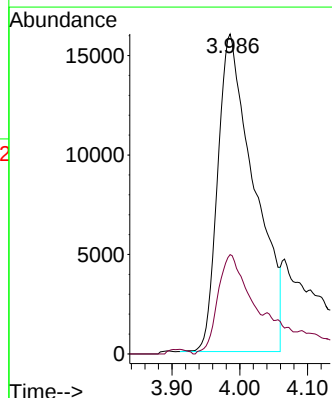
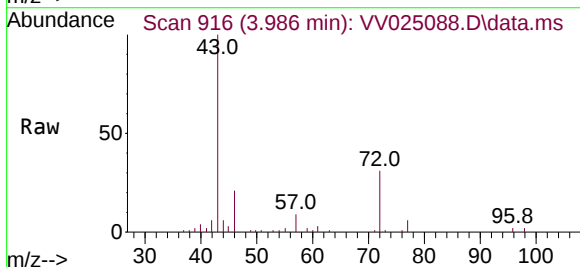
Acq: 18 Mar 2022 10:19

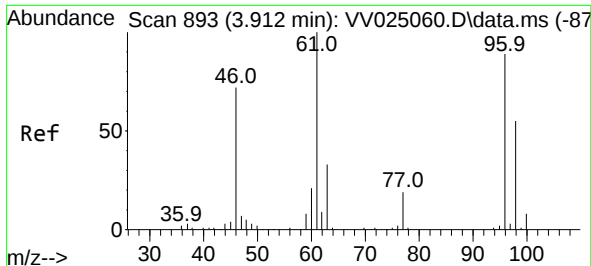
Tgt Ion: 43 Resp: 59837

Ion Ratio Lower Upper

43 100

72 26.8 10.4 31.2

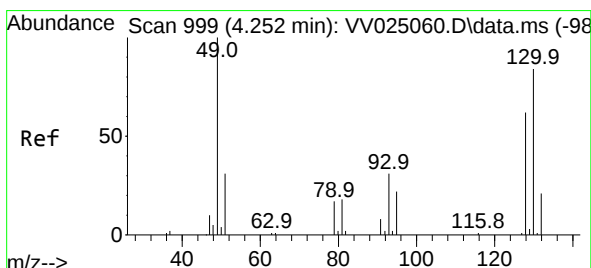
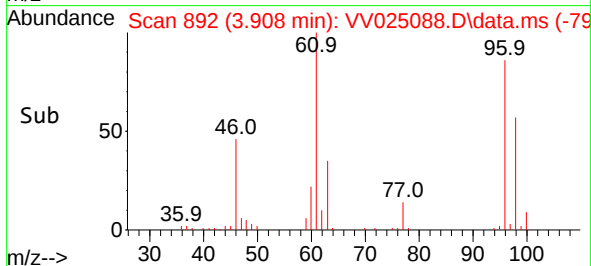
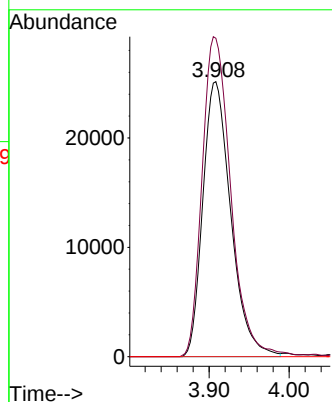
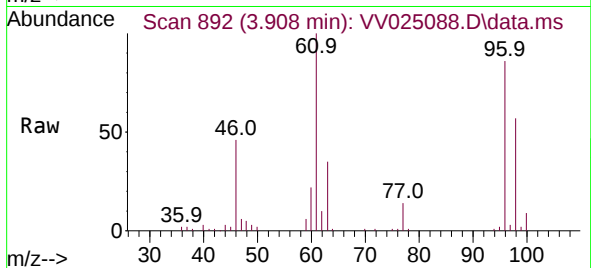




#22
cis-1,2-Dichloroethene
Concen: 5.512 ug/L
RT: 3.908 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

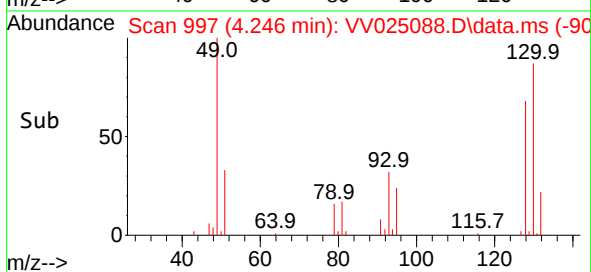
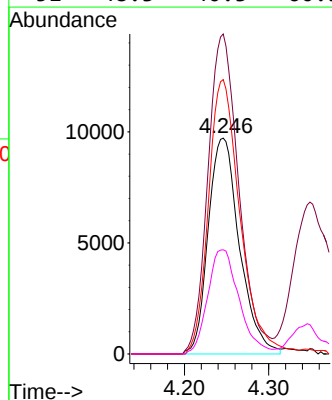
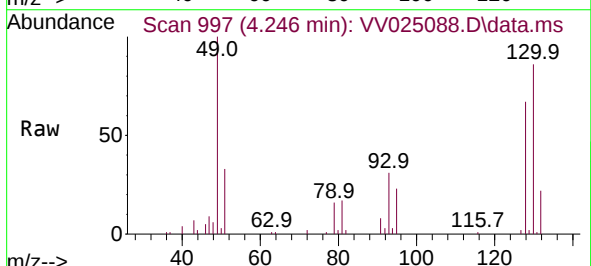
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

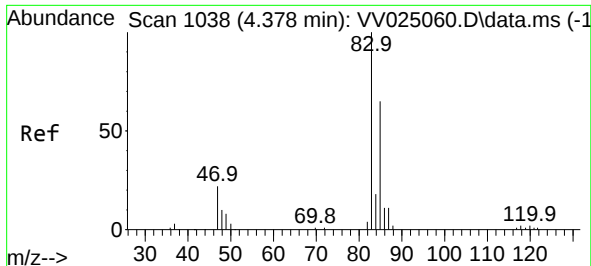
Tgt Ion: 96 Resp: 61298
Ion Ratio Lower Upper
96 100
61 115.8 79.7 147.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.708 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion:128 Resp: 25030
Ion Ratio Lower Upper
128 100
49 148.3 107.5 199.7
130 127.2 89.4 166.0
51 48.3 40.3 60.5





#25

Chloroform

Concen: 5.598 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

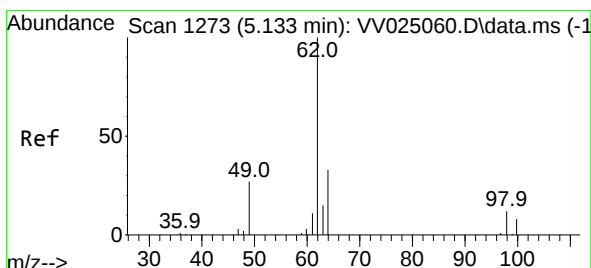
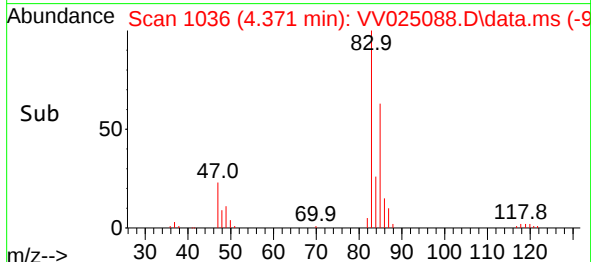
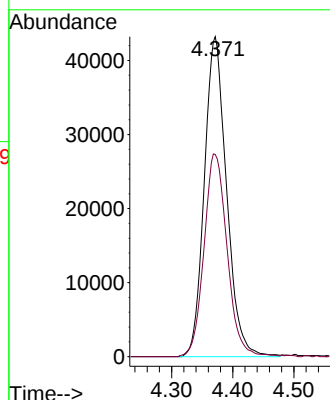
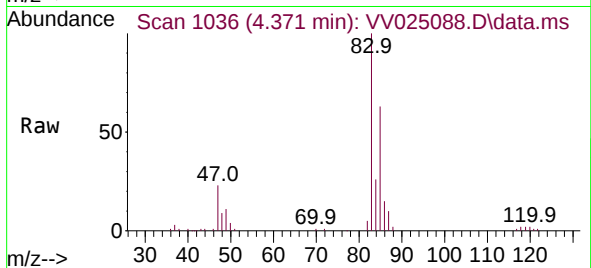
VSTD005338

Tgt Ion: 83 Resp: 109276

Ion Ratio Lower Upper

83 100

85 63.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.484 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV025088.D

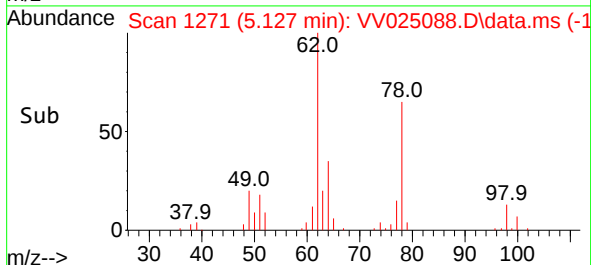
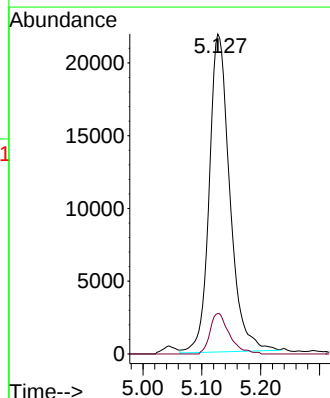
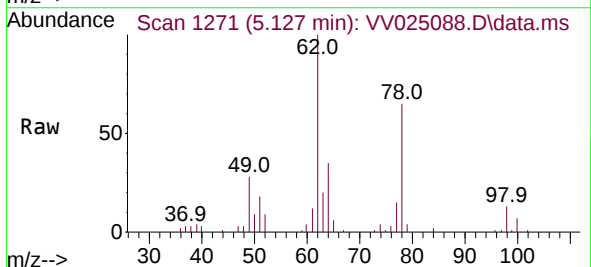
Acq: 18 Mar 2022 10:19

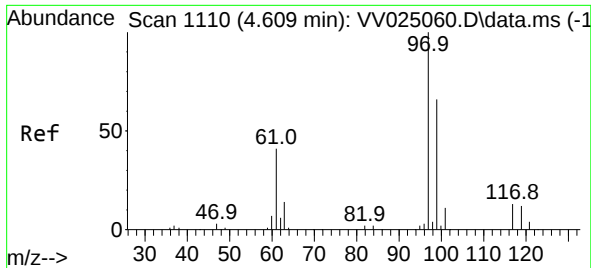
Tgt Ion: 62 Resp: 53229

Ion Ratio Lower Upper

62 100

98 12.7 9.0 13.4

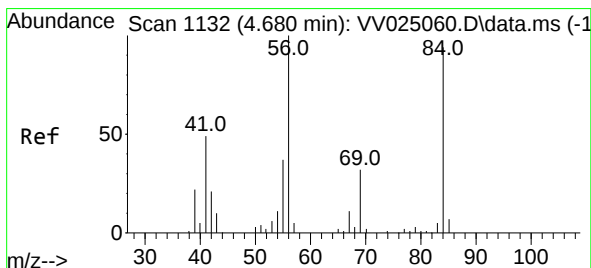
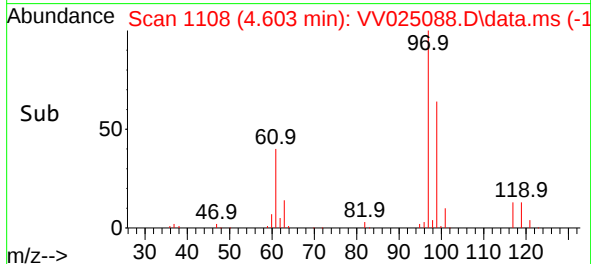
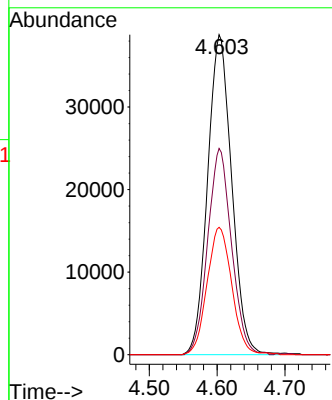
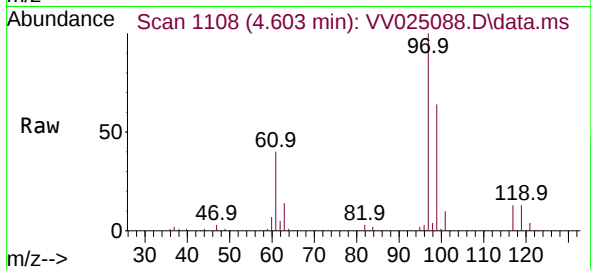




#29
1,1,1-Trichloroethane
Concen: 5.534 ug/L
RT: 4.603 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

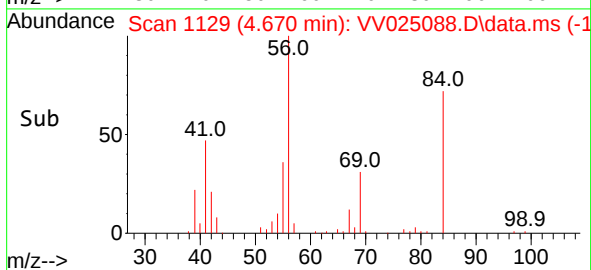
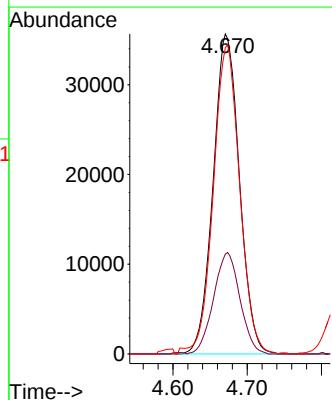
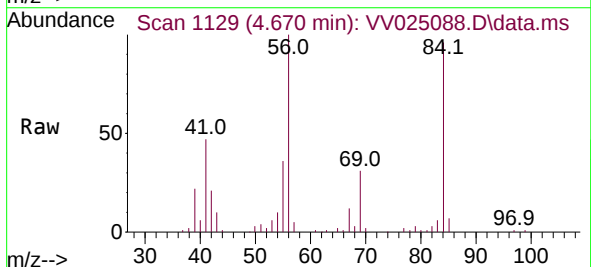
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

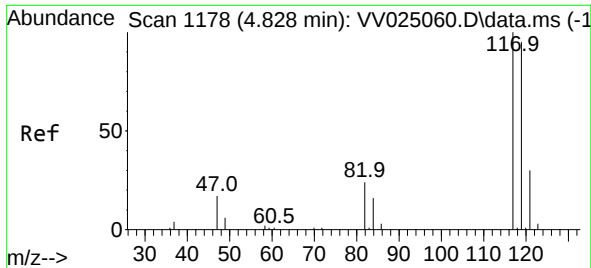
Tgt Ion: 97 Resp: 95693
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 41.0 32.4 48.6



#30
Cyclohexane
Concen: 5.218 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion: 56 Resp: 87791
Ion Ratio Lower Upper
56 100
69 31.8 24.9 37.3
84 96.6 75.9 113.9

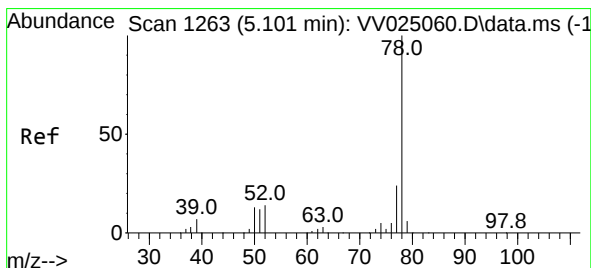
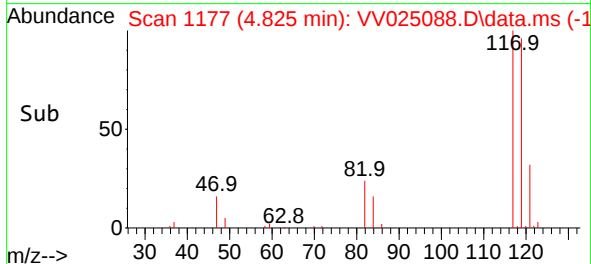
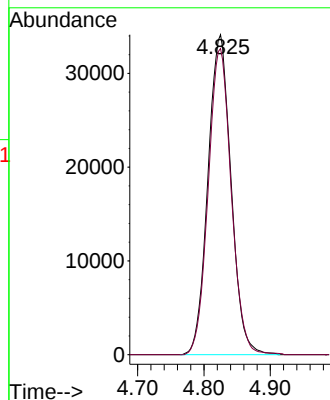
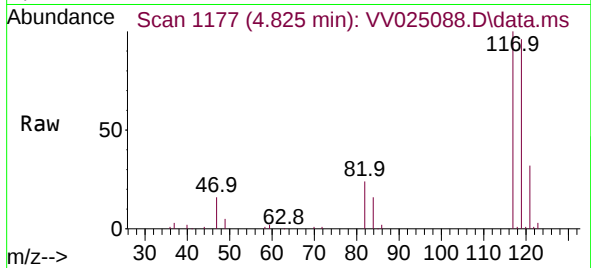




#31
Carbon tetrachloride
Concen: 5.556 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

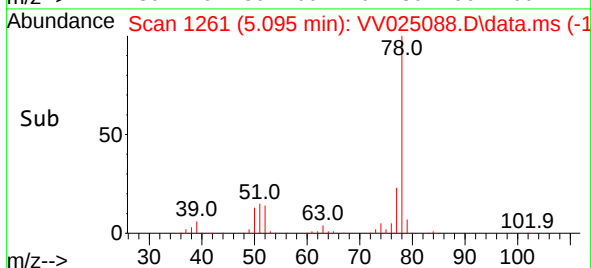
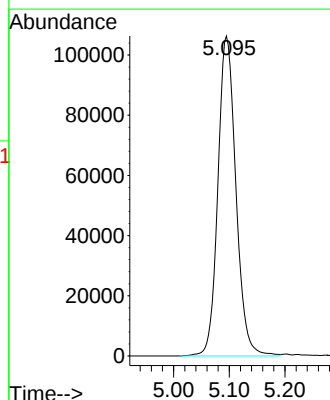
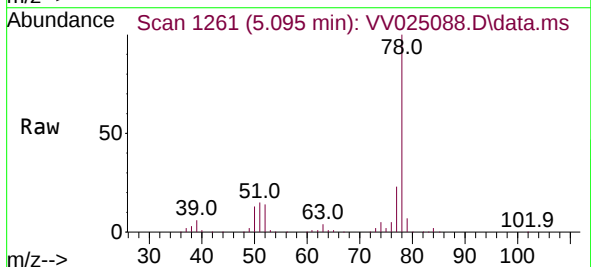
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

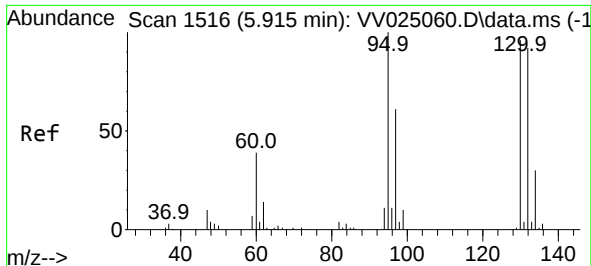
Tgt Ion:117 Resp: 82434
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2



#33
Benzene
Concen: 5.418 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion: 78 Resp: 238962

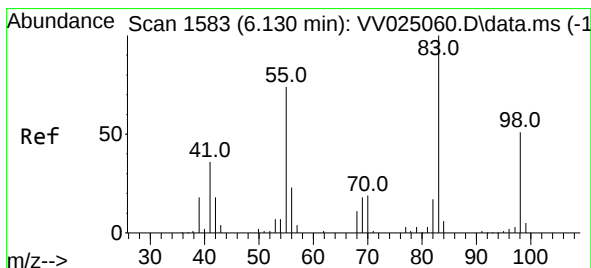
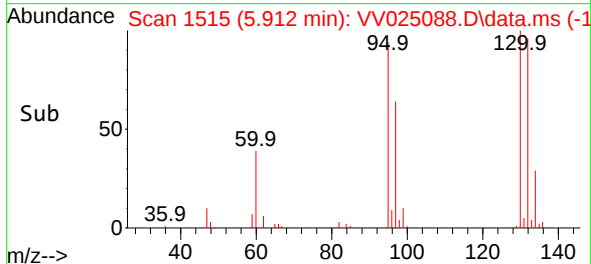
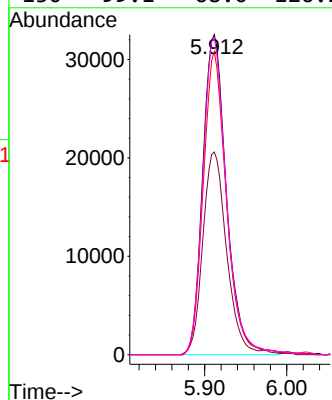
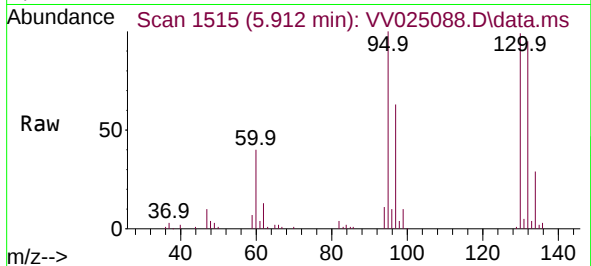




#34
 Trichloroethene
 Concen: 5.569 ug/L
 RT: 5.912 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

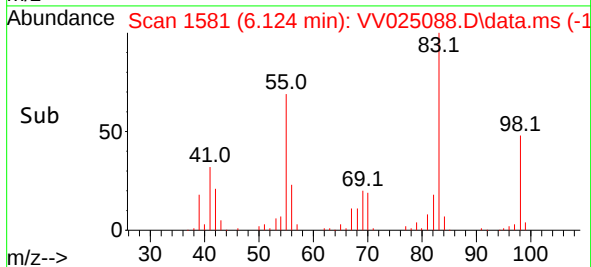
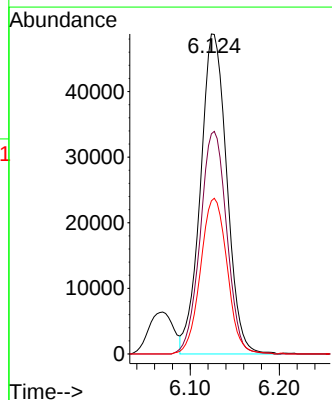
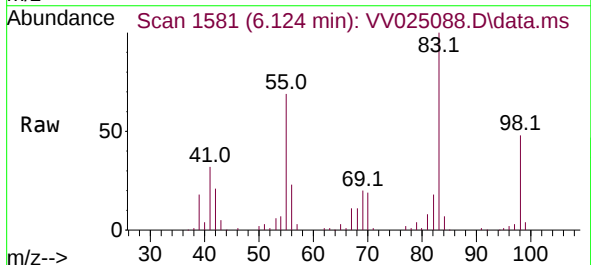
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

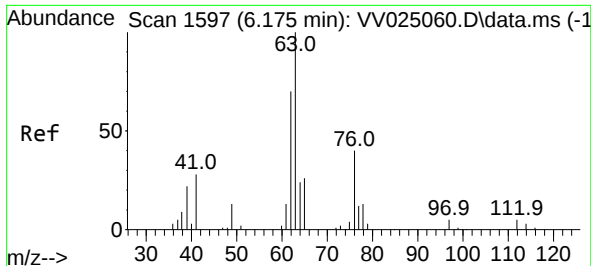
Tgt Ion: 95 Resp: 65400
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.5 82.7
 132 94.7 66.5 123.5
 130 99.1 68.0 126.2



#35
 Methylcyclohexane
 Concen: 5.400 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. -0.003 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

Tgt Ion: 83 Resp: 100377
 Ion Ratio Lower Upper
 83 100
 55 69.7 55.4 83.0
 98 49.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.570 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

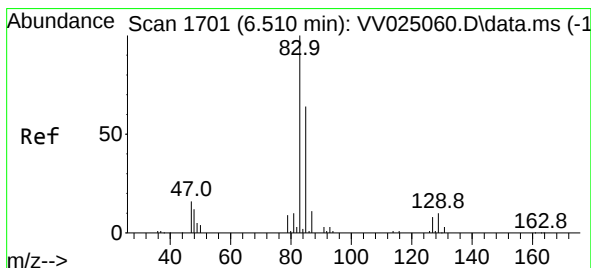
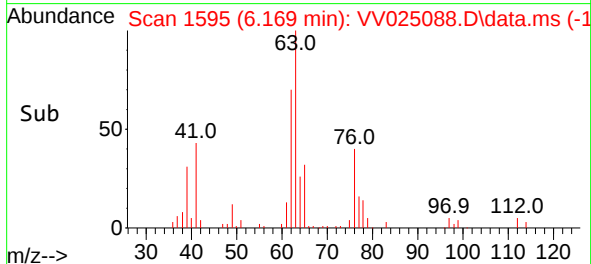
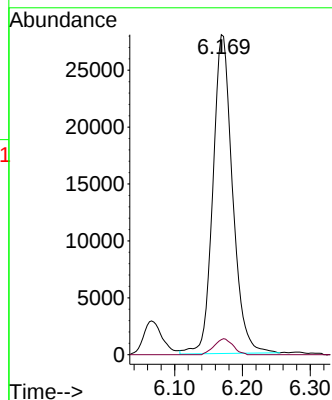
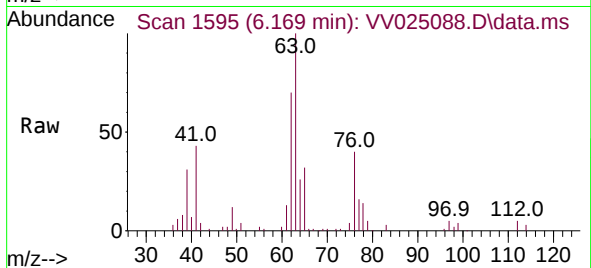
VSTD005338

Tgt Ion: 63 Resp: 56459

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 5.460 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

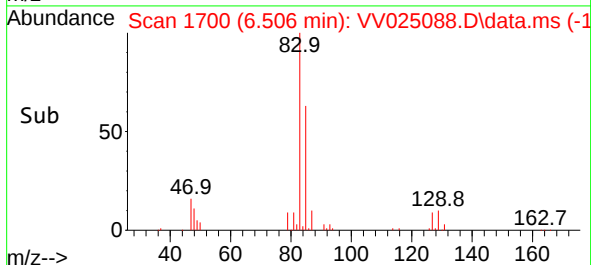
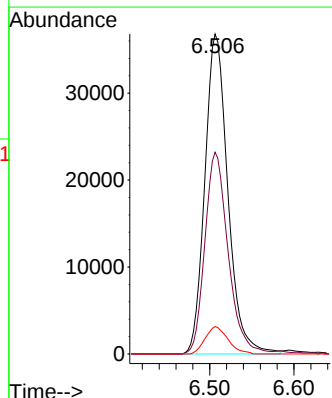
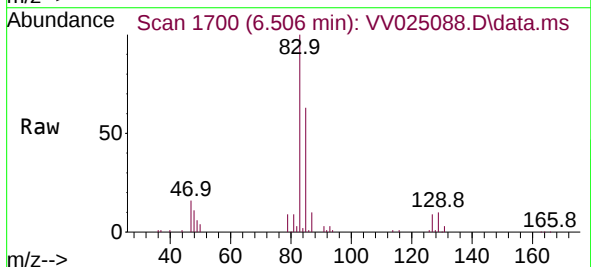
Tgt Ion: 83 Resp: 69988

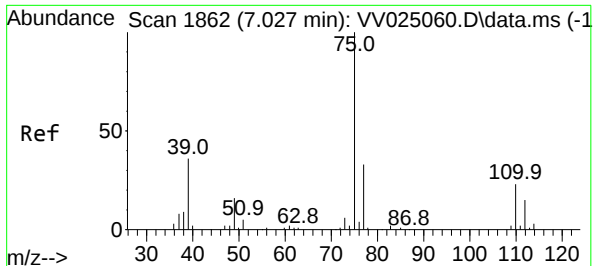
Ion Ratio Lower Upper

83 100

85 63.0 44.8 83.2

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.403 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

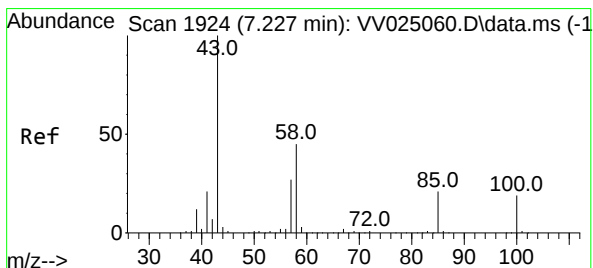
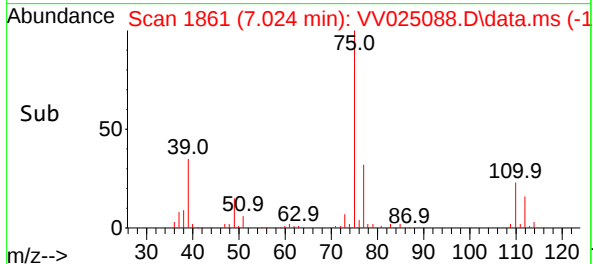
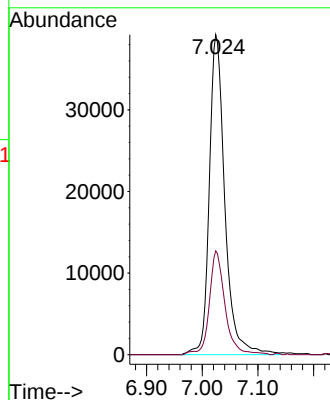
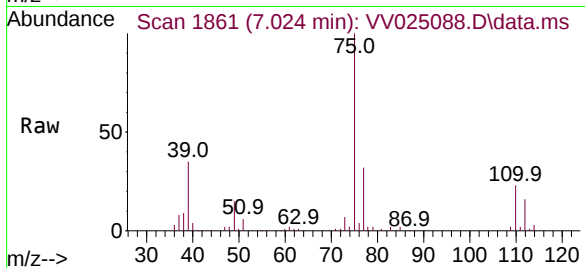
VSTD005338

Tgt Ion: 75 Resp: 76040

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 54.978 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

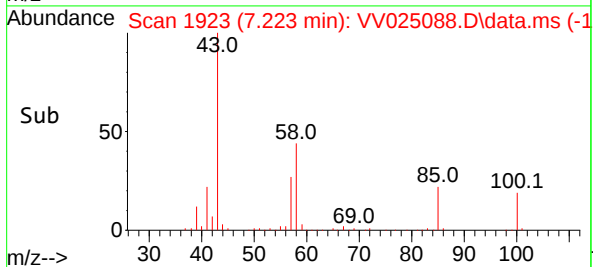
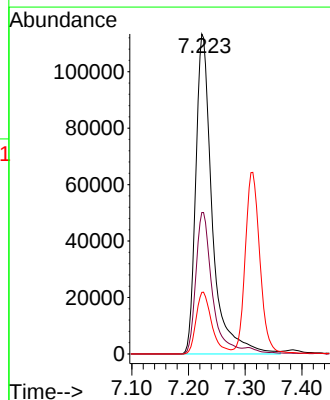
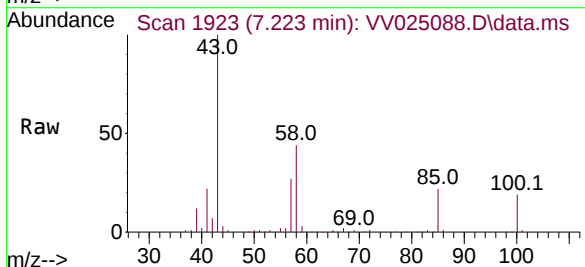
Tgt Ion: 43 Resp: 229288

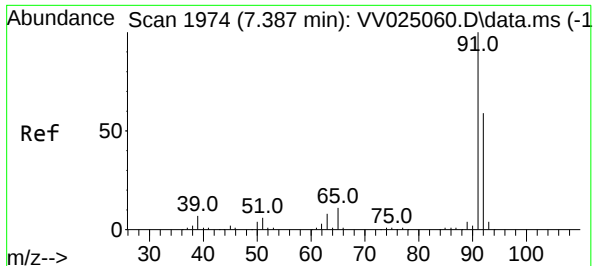
Ion Ratio Lower Upper

43 100

58 43.5 36.6 55.0

100 18.4 13.8 20.8





#42

Toluene

Concen: 5.593 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

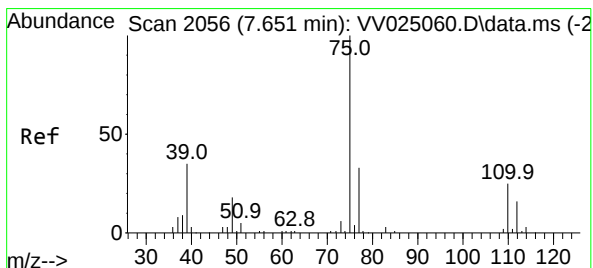
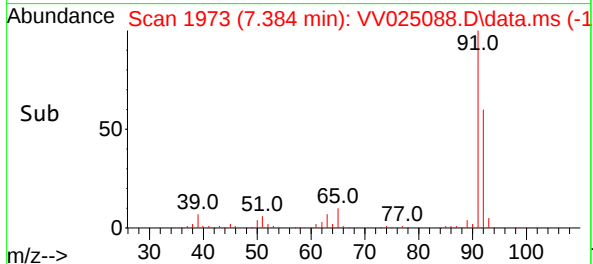
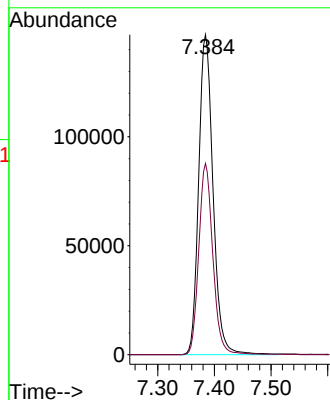
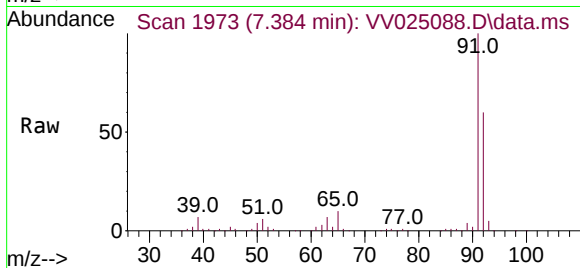
VSTD005338

Tgt Ion: 91 Resp: 258149

Ion Ratio Lower Upper

91 100

92 59.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.327 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025088.D

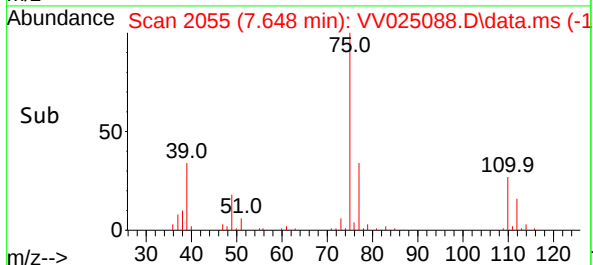
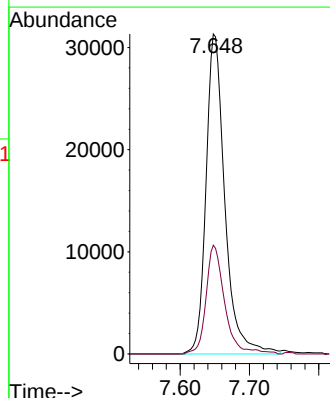
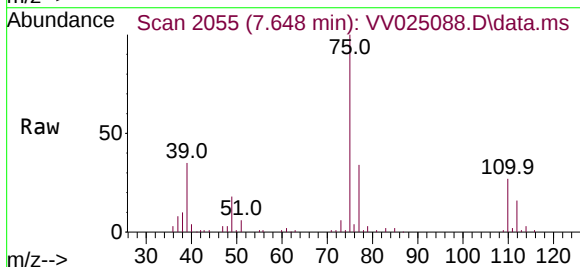
Acq: 18 Mar 2022 10:19

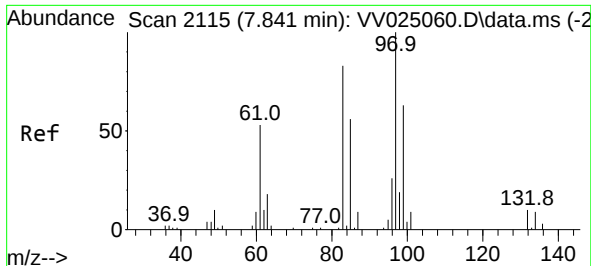
Tgt Ion: 75 Resp: 58983

Ion Ratio Lower Upper

75 100

77 34.0 23.0 42.6

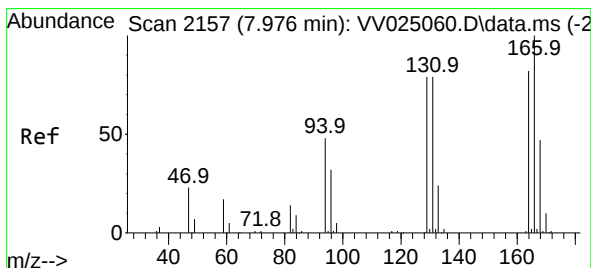
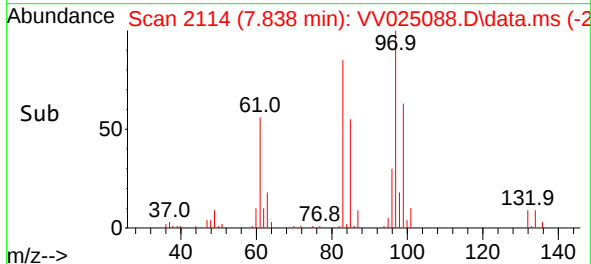
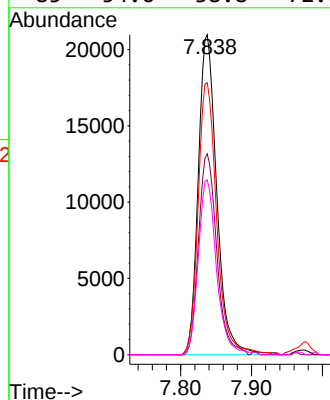
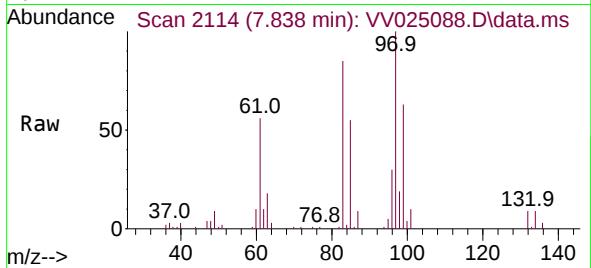




#45
1,1,2-Trichloroethane
Concen: 5.613 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

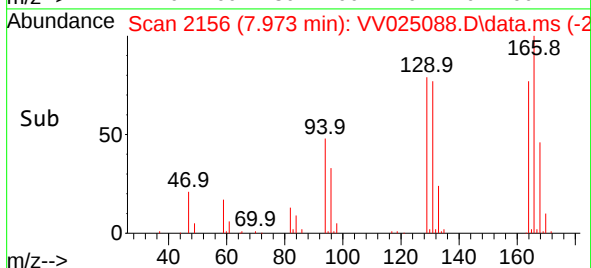
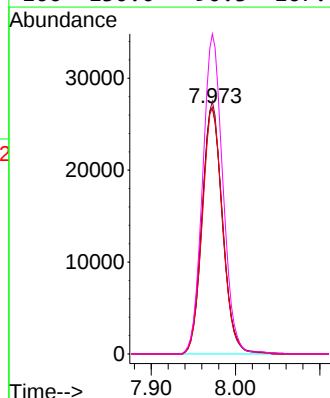
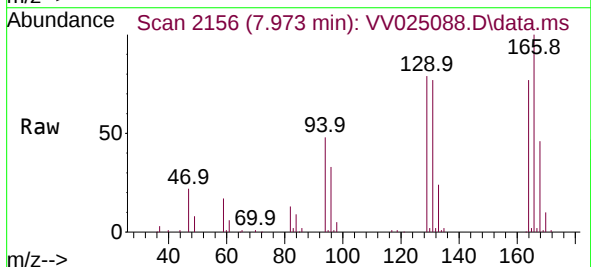
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

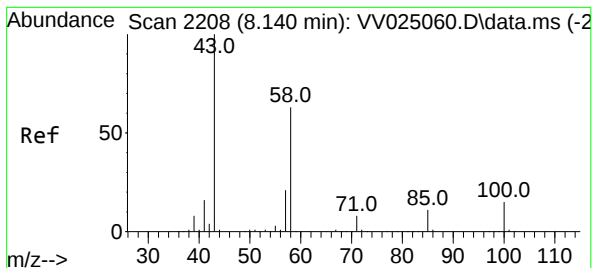
Tgt Ion:	97	Resp:	37997
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.7	81.1
83	85.0	58.9	109.3
85	54.6	38.8	72.0



#47
Tetrachloroethene
Concen: 5.533 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion:	164	Resp:	45712
Ion	Ratio	Lower	Upper
164	100		
129	102.6	70.3	130.7
131	100.1	69.4	129.0
166	130.0	90.3	167.7





#48

2-Hexanone

Concen: 54.323 ug/L

RT: 8.137 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

Tgt Ion: 43 Resp: 160616

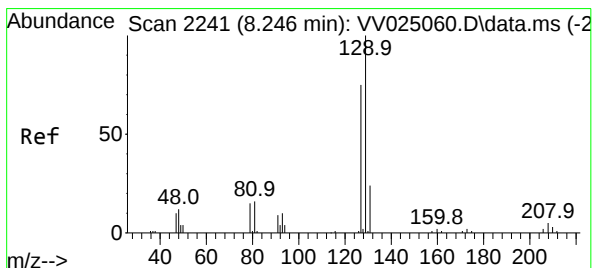
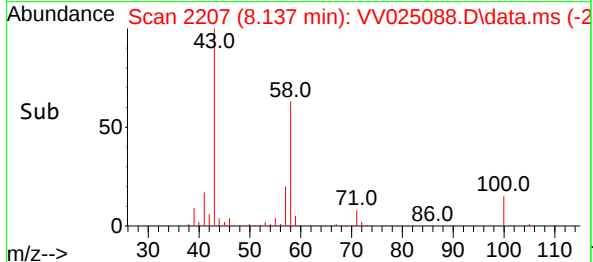
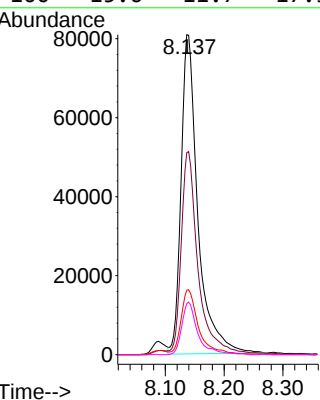
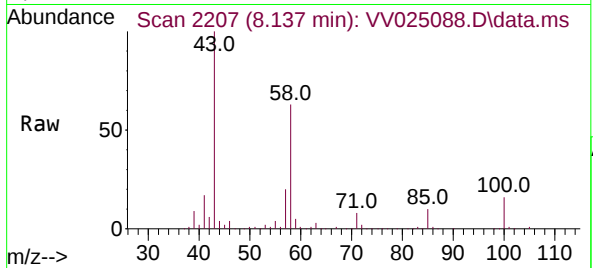
Ion Ratio Lower Upper

43 100

58 62.1 49.2 73.8

57 20.9 16.0 24.0

100 15.6 11.7 17.5



#49

Dibromochloromethane

Concen: 5.557 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV025088.D

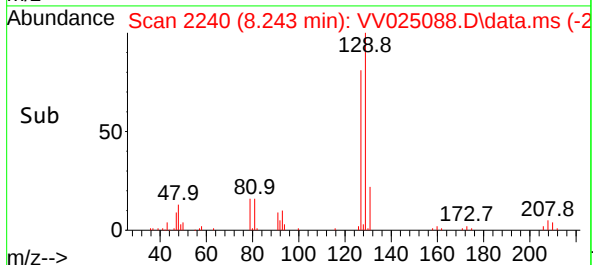
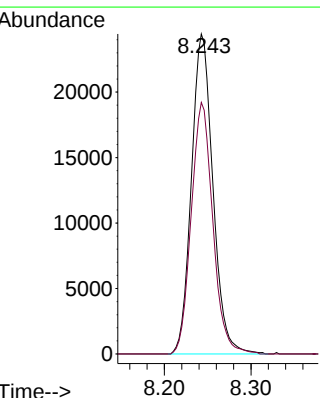
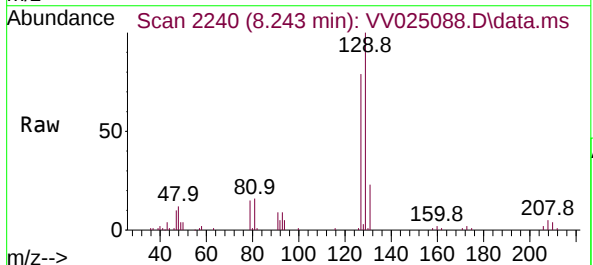
Acq: 18 Mar 2022 10:19

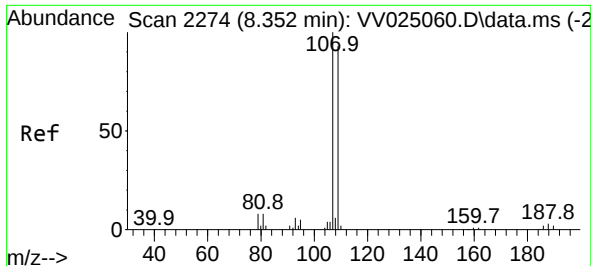
Tgt Ion:129 Resp: 42110

Ion Ratio Lower Upper

129 100

127 78.6 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.571 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005338

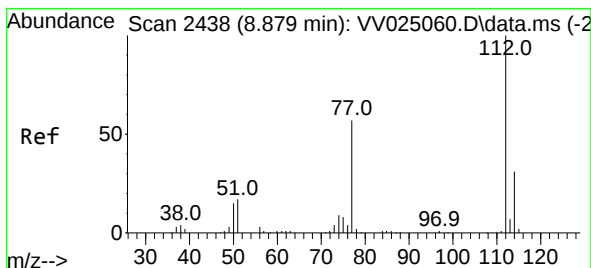
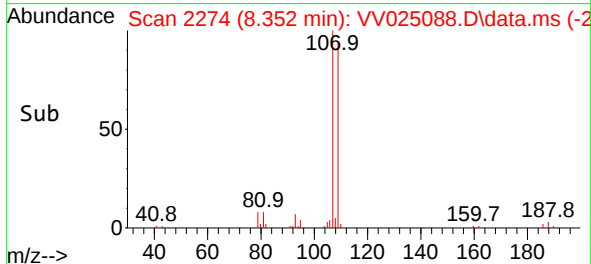
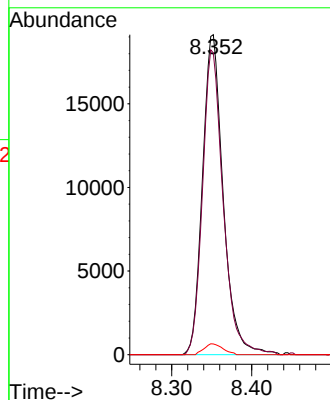
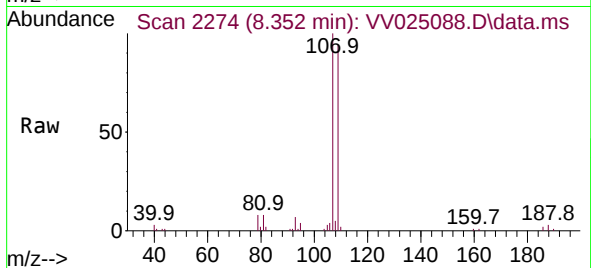
Tgt Ion:107 Resp: 34517

Ion Ratio Lower Upper

107 100

109 94.3 65.5 121.6

188 3.4 2.4 3.6



#51

Chlorobenzene

Concen: 5.556 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

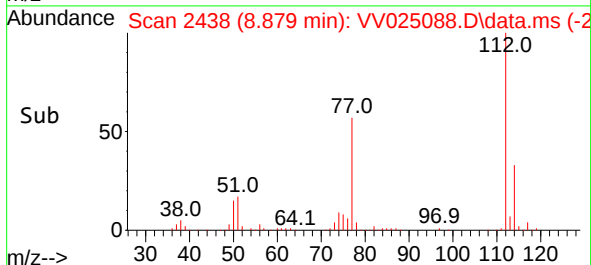
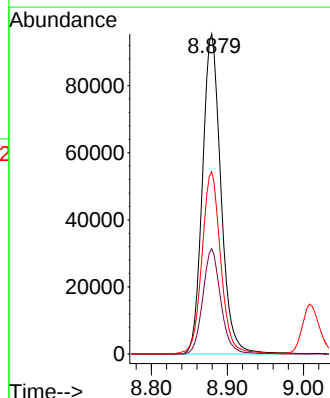
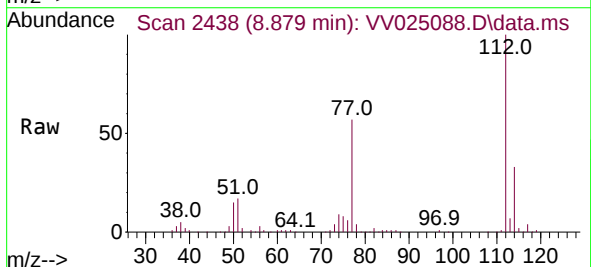
Tgt Ion:112 Resp: 160586

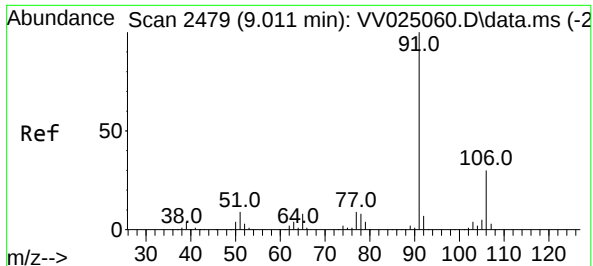
Ion Ratio Lower Upper

112 100

114 32.9 22.5 41.7

77 57.0 45.3 67.9

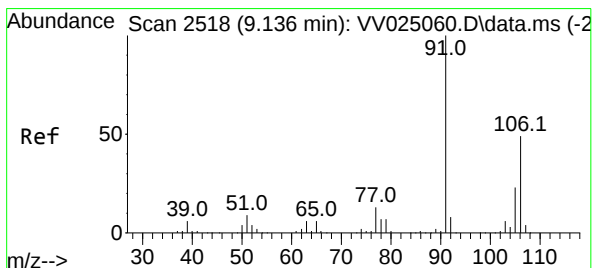
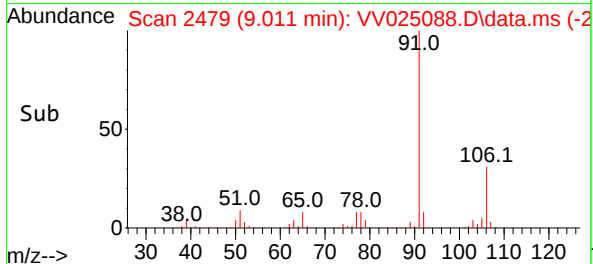
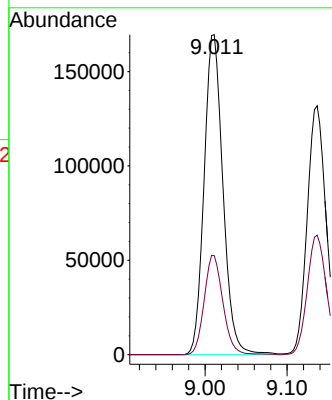
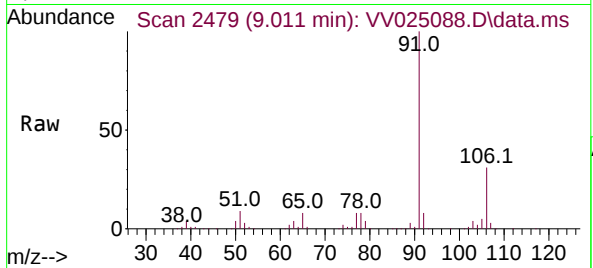




#52
Ethylbenzene
Concen: 5.539 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

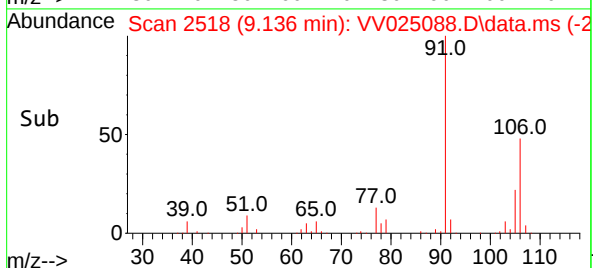
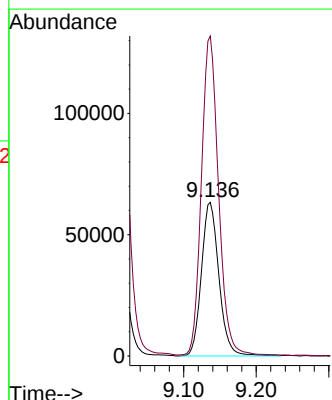
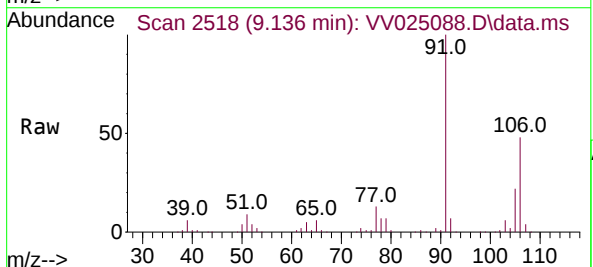
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

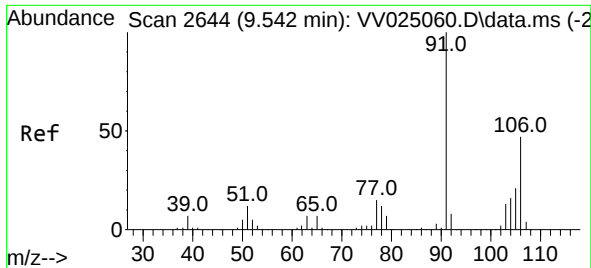
Tgt Ion: 91 Resp: 270463
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-xylene
Concen: 5.640 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion: 106 Resp: 106057
Ion Ratio Lower Upper
106 100
91 208.3 143.4 266.4

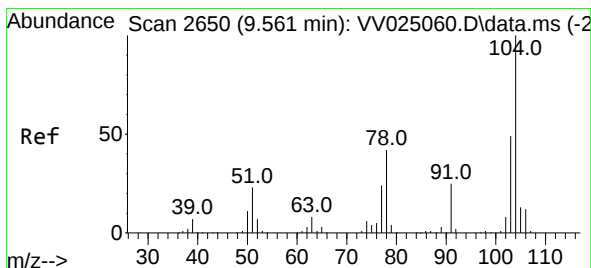
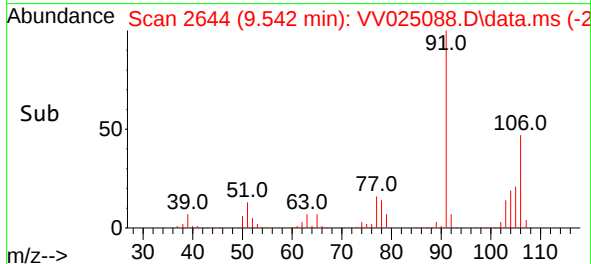
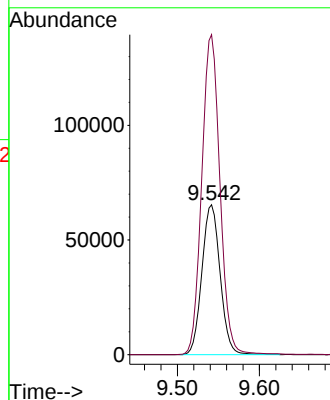
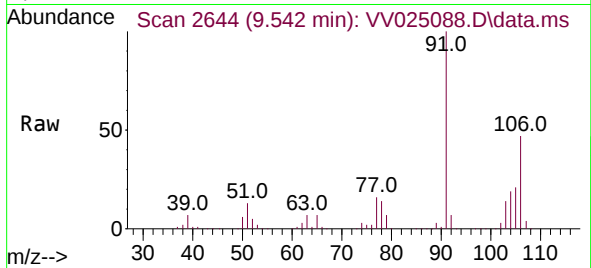




#54
o-xylene
Concen: 5.625 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

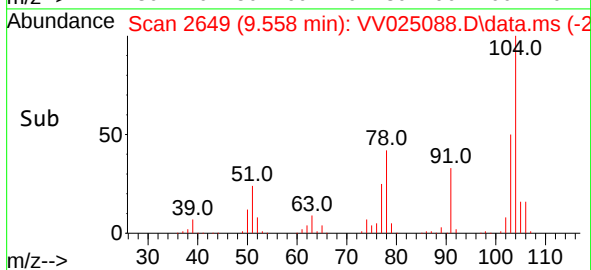
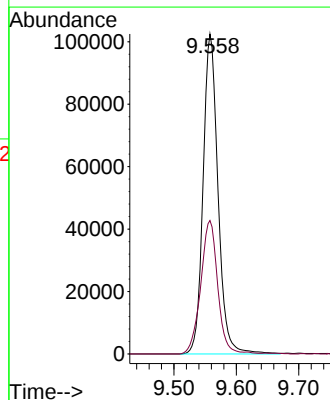
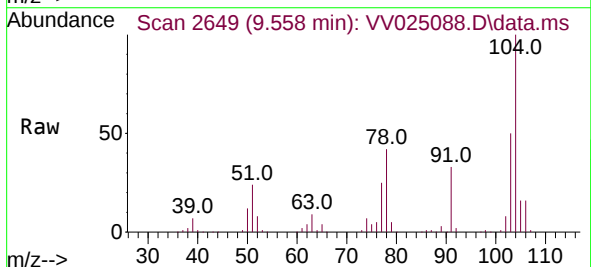
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

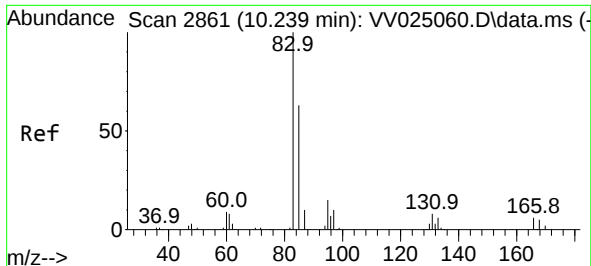
Tgt Ion:106 Resp: 101152
Ion Ratio Lower Upper
106 100
91 213.4 146.7 272.5



#55
Styrene
Concen: 5.828 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion:104 Resp: 170673
Ion Ratio Lower Upper
104 100
78 41.7 30.2 56.2

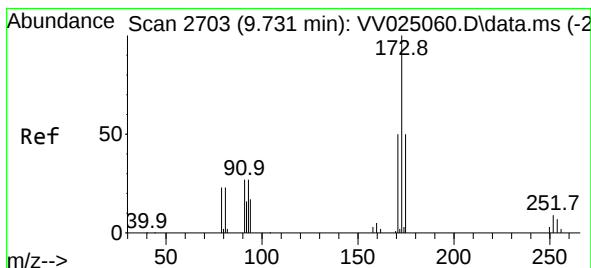
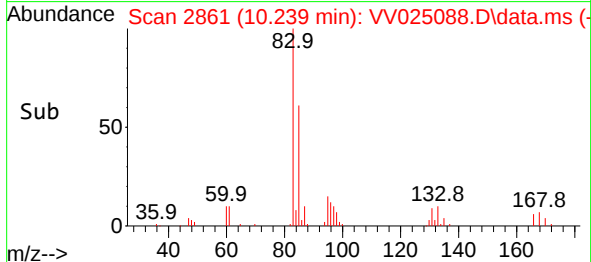
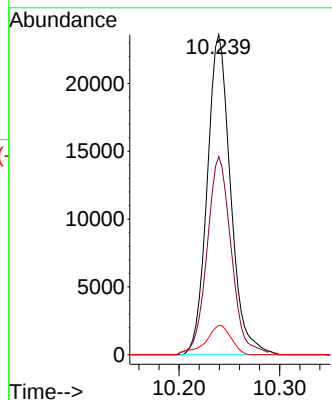
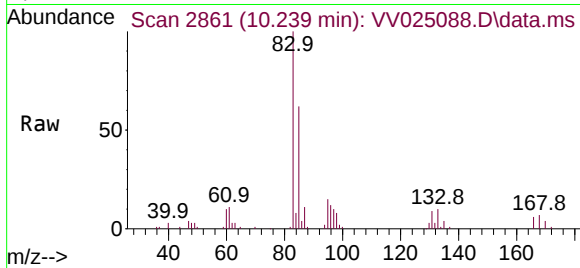




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.734 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

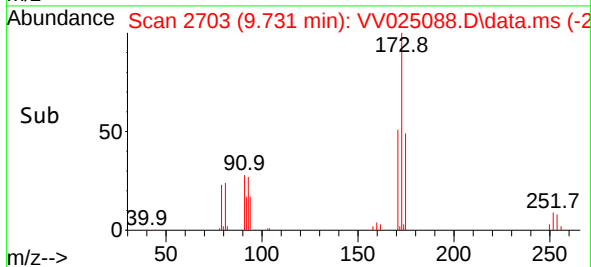
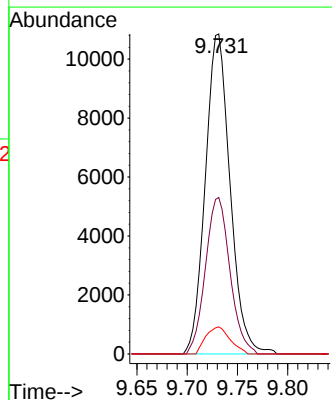
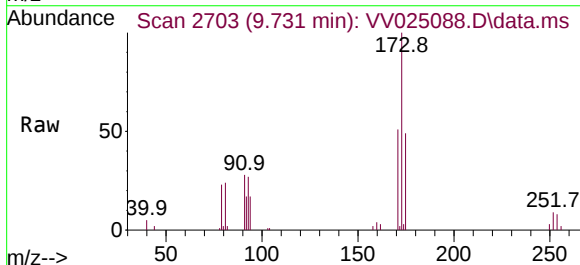
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

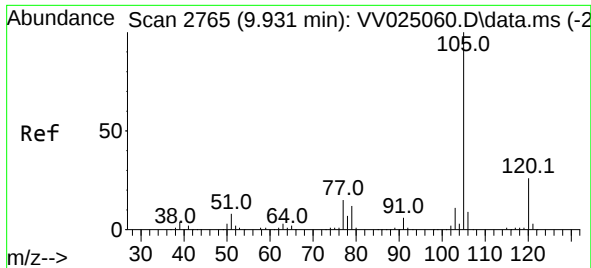
Tgt Ion: 83 Resp: 38057
 Ion Ratio Lower Upper
 83 100
 85 61.9 43.9 81.5
 131 9.1 7.5 11.3



#59
 Bromoform
 Concen: 5.191 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

Tgt Ion: 173 Resp: 18596
 Ion Ratio Lower Upper
 173 100
 175 48.3 37.8 56.8
 254 8.2 5.8 8.6

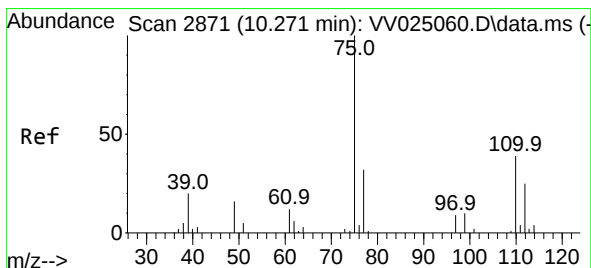
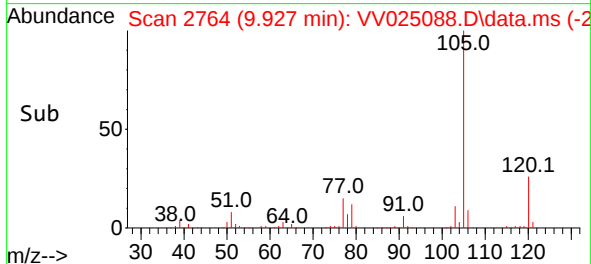
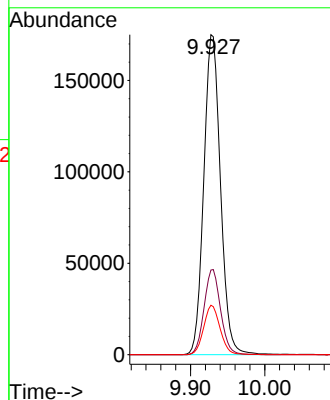
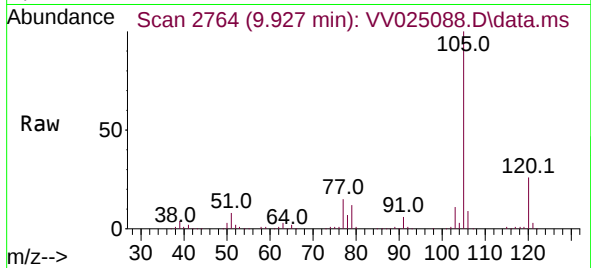




#60
Isopropylbenzene
Concen: 5.441 ug/L
RT: 9.927 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

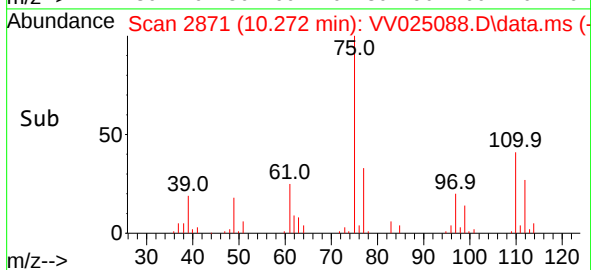
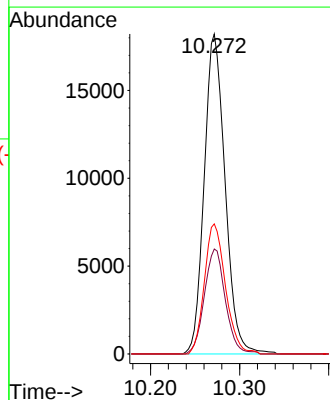
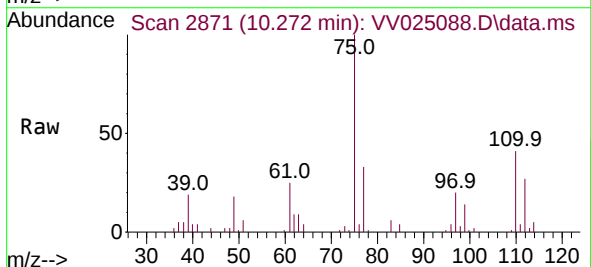
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

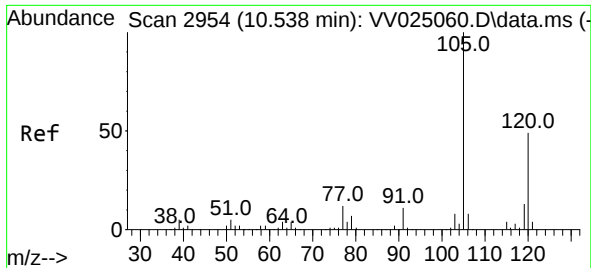
Tgt Ion:105 Resp: 272901
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.294 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion: 75 Resp: 29613
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5
110 41.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.256 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025088.D

Acq: 18 Mar 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

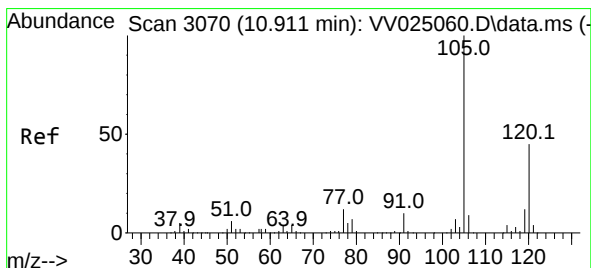
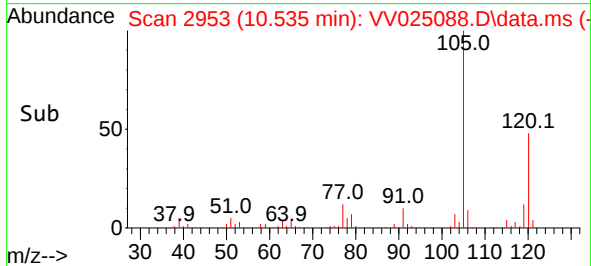
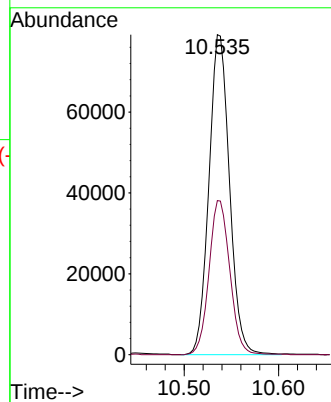
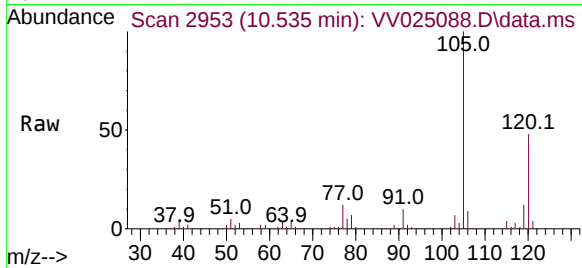
VSTD005338

Tgt Ion:105 Resp: 119620

Ion Ratio Lower Upper

105 100

120 48.7 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.475 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025088.D

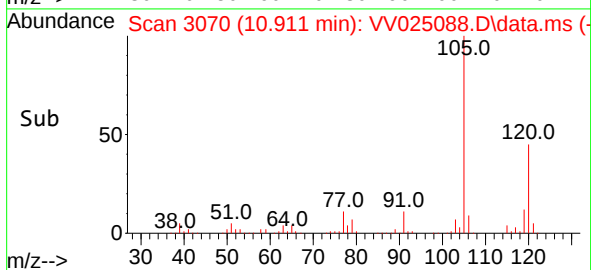
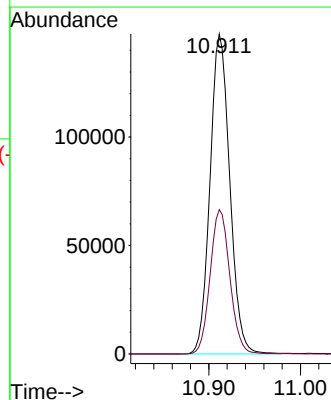
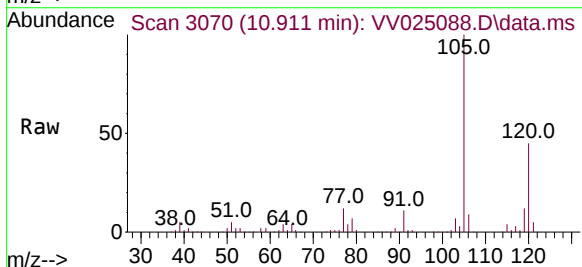
Acq: 18 Mar 2022 10:19

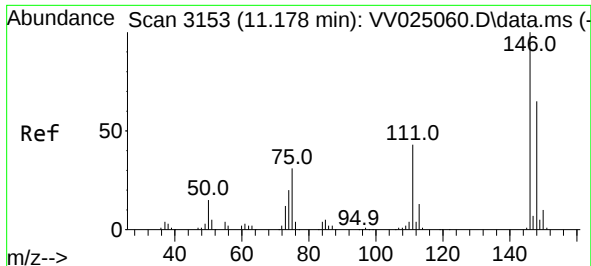
Tgt Ion:105 Resp: 220689

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.8

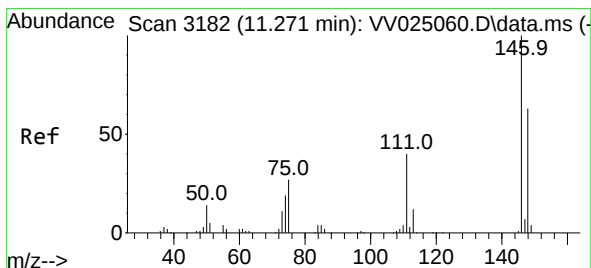
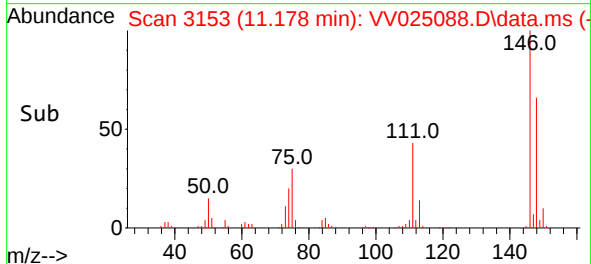
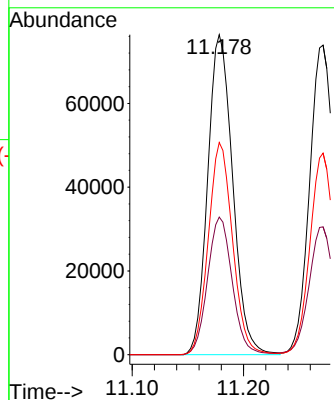
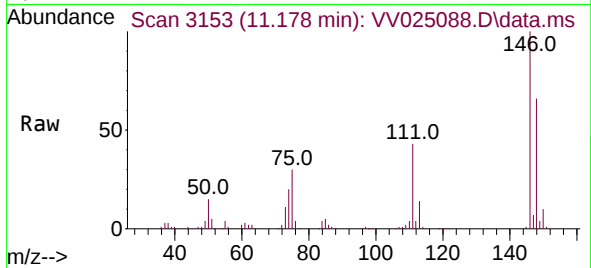




#64
 1,3-Dichlorobenzene
 Concen: 5.470 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

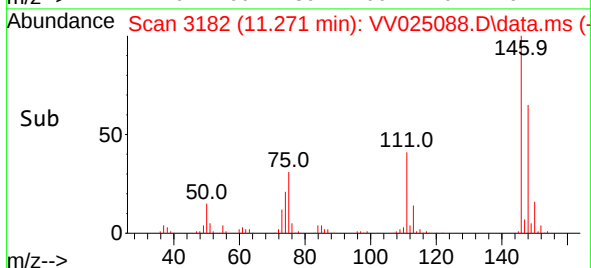
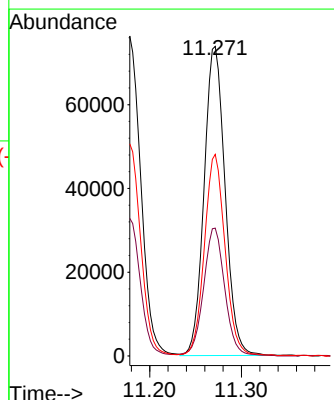
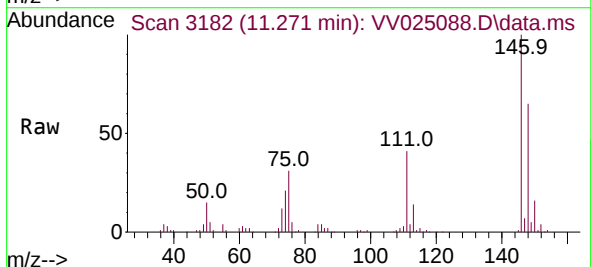
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

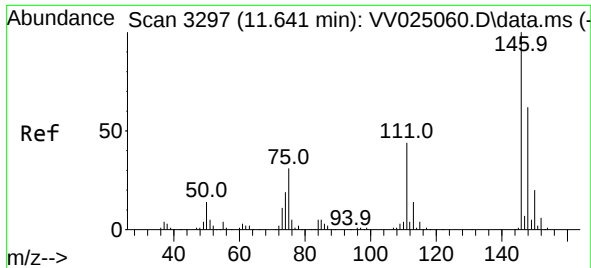
Tgt Ion:146 Resp: 119020
 Ion Ratio Lower Upper
 146 100
 111 43.0 29.2 54.2
 148 66.3 43.8 81.4



#65
 1,4-Dichlorobenzene
 Concen: 5.362 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV025088.D
 Acq: 18 Mar 2022 10:19

Tgt Ion:146 Resp: 117609
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.2 52.4
 148 65.1 43.8 81.4

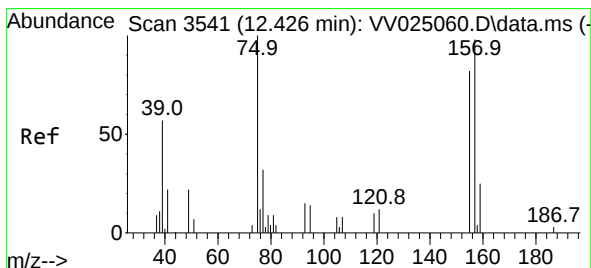
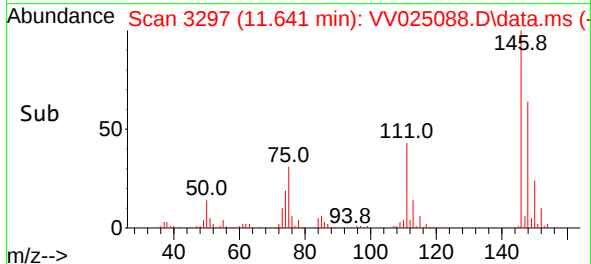
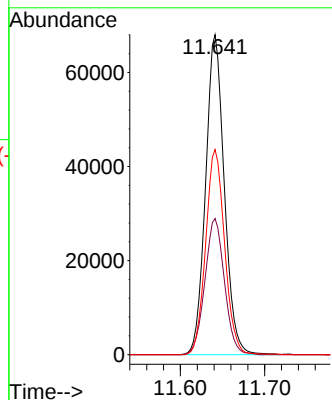
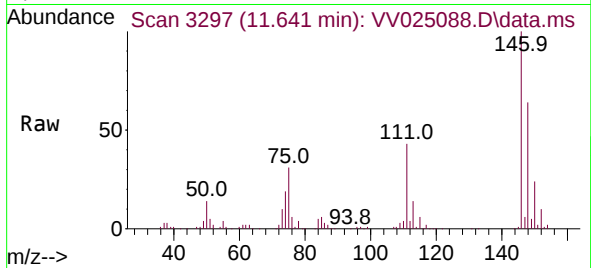




#67
1,2-Dichlorobenzene
Concen: 5.458 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

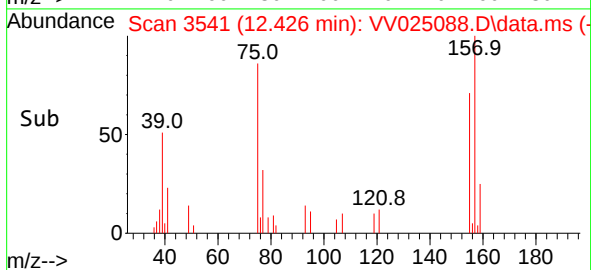
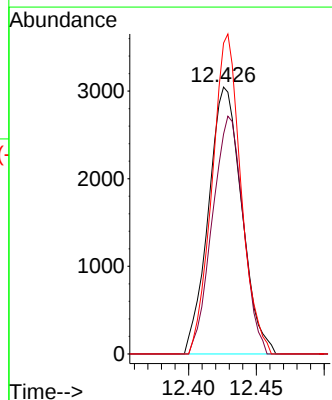
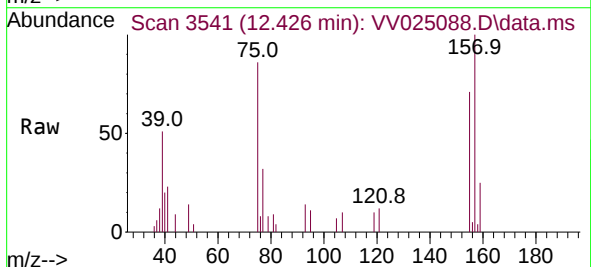
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

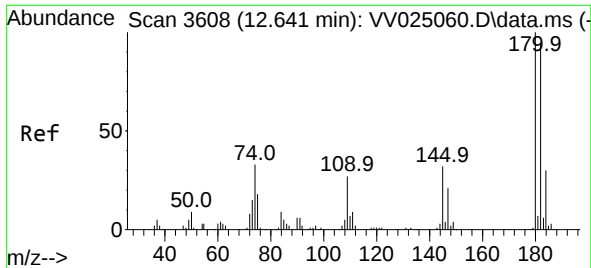
Tgt Ion:146 Resp: 105219
Ion Ratio Lower Upper
146 100
111 42.6 35.5 53.3
148 64.1 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.424 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion: 75 Resp: 5201
Ion Ratio Lower Upper
75 100
155 82.4 65.9 98.9
157 116.5 89.7 134.5

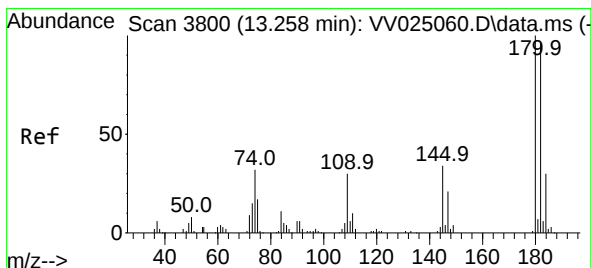
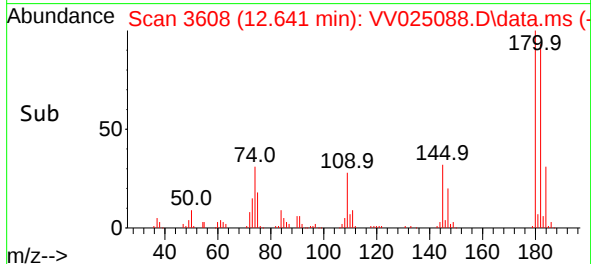
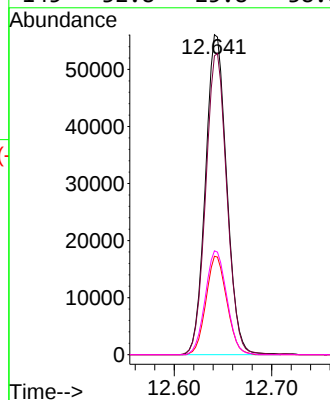
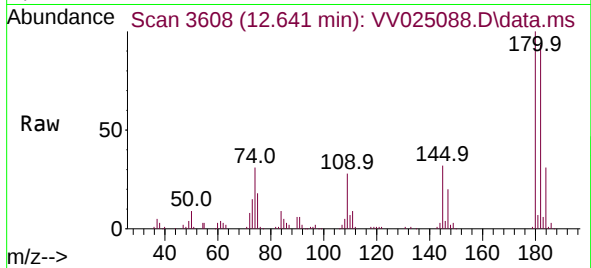




#69
1,3,5-Trichlorobenzene
Concen: 5.529 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

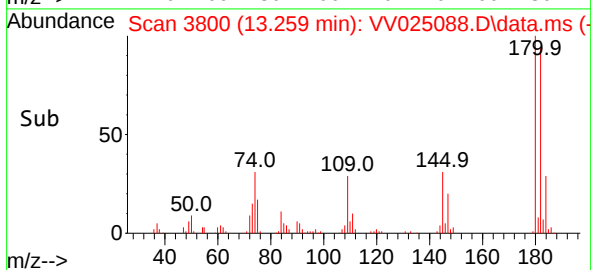
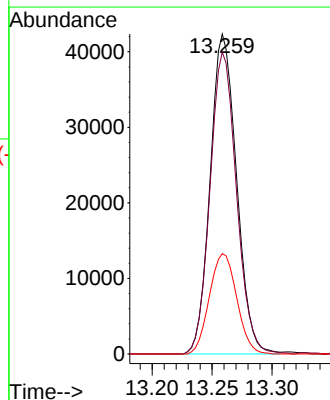
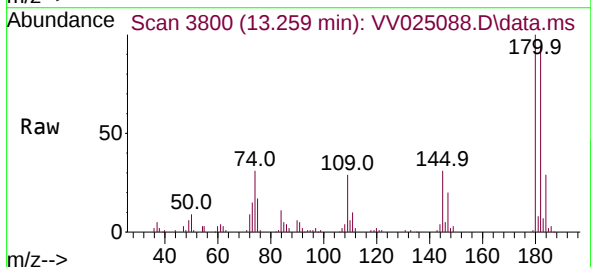
Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

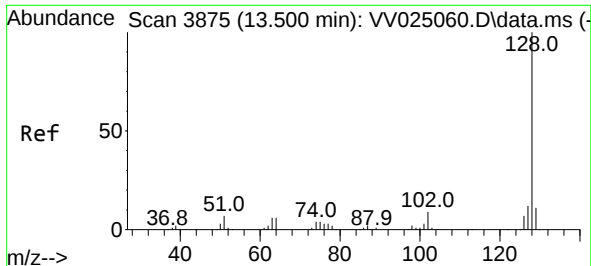
Tgt Ion:180	Resp:	84971
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.4 113.0
184	30.1	24.2 36.4
145	32.8	25.8 38.8



#70
1,2,4-trichlorobenzene
Concen: 5.401 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion:180	Resp:	64672
Ion Ratio	Lower	Upper
180	100	
182	94.4	74.6 112.0
145	32.5	26.1 39.1

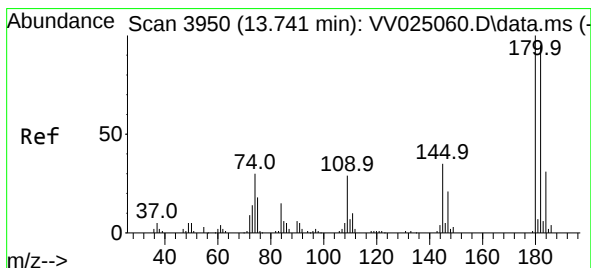
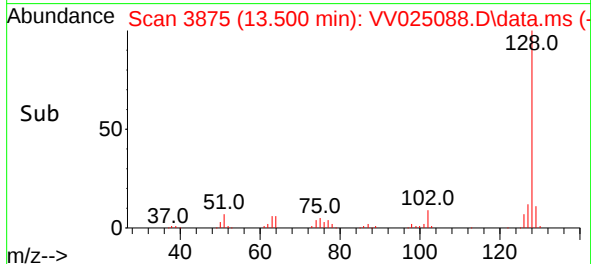
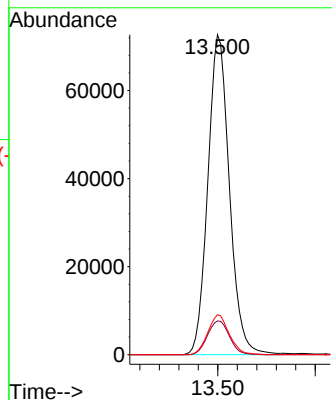
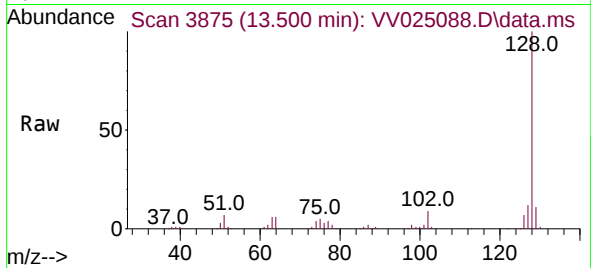




#71
Naphthalene
Concen: 5.606 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005338

Tgt Ion:128 Resp: 111464
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.4 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.606 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025088.D
Acq: 18 Mar 2022 10:19

Tgt Ion:180 Resp: 56877
Ion Ratio Lower Upper
180 100
182 93.0 74.8 112.2
145 35.1 27.6 41.4

