

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025679.D
 Acq On : 22 Apr 2022 13:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Apr 23 01:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149953	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79250	5.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.600%
7) Chloroethane-d5	1.571	69	68834	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.111	63	152434	5.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	3.896	46	95143	56.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.200%
24) Chloroform-d	4.346	84	115390	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.031	65	51172	5.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.047	84	235140	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.066	67	66260	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.314	98	218209	5.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.622	79	22174	5.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.088	63	71404	49.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36408	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67560	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59069	4.361	ug/L	98
3) Chloromethane	1.243	50	72589	4.932	ug/L	97
5) Vinyl chloride	1.314	62	77840	4.680	ug/L	97
6) Bromomethane	1.526	94	47263	3.941	ug/L	99
8) Chloroethane	1.587	64	52776	4.111	ug/L	98
9) Trichlorofluoromethane	1.754	101	118641	5.078	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	66840	5.092	ug/L	98
12) 1,1-Dichloroethene	2.121	96	61384	4.720	ug/L	91
13) Acetone	2.192	43	66312	57.611	ug/L	92
14) Carbon disulfide	2.294	76	129658	4.165	ug/L	100
15) Methyl Acetate	2.442	43	14840	5.801	ug/L	93
16) Methylene chloride	2.507	84	58764	4.660	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	99053	4.922	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	51859	4.758	ug/L	98
19) 1,1-Dichloroethane	3.188	63	99741	5.403	ug/L	96
21) 2-Butanone	3.979	43	92291	58.027	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	56848	4.955	ug/L	94
23) Bromochloromethane	4.246	128	22537	4.731	ug/L #	88
25) Chloroform	4.375	83	104881	5.383	ug/L	99

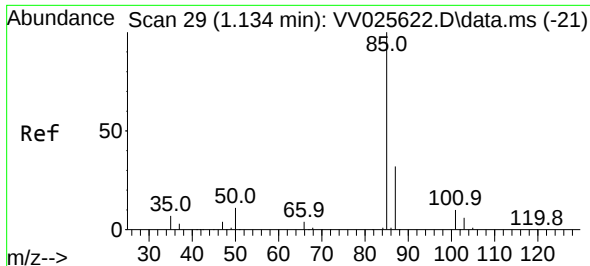
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025679.D
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 ClientSampleId :
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Quant Time: Apr 23 01:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55861	5.434	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	90936	5.105	ug/L	98
30) Cyclohexane	4.677	56	73502	4.538	ug/L	98
31) Carbon tetrachloride	4.825	117	77503	5.144	ug/L	100
33) Benzene	5.098	78	222964	4.997	ug/L	100
34) Trichloroethene	5.912	95	58446	4.933	ug/L	98
35) Methylcyclohexane	6.127	83	84750	4.483	ug/L	96
37) 1,2-Dichloropropane	6.169	63	53212	5.155	ug/L	99
38) Bromodichloromethane	6.506	83	68974	5.383	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	69444	5.134	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	235442	56.967	ug/L	95
42) Toluene	7.384	91	241587	4.978	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	55469	5.278	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	34852	5.042	ug/L	98
47) Tetrachloroethene	7.973	164	42672	4.601	ug/L	98
48) 2-Hexanone	8.137	43	171237	59.453	ug/L	95
49) Dibromochloromethane	8.243	129	40864	5.385	ug/L	98
50) 1,2-Dibromoethane	8.352	107	30603	4.713	ug/L	97
51) Chlorobenzene	8.879	112	149871	4.836	ug/L	99
52) Ethylbenzene	9.008	91	248861	4.808	ug/L	99
53) m,p-Xylene	9.137	106	98027	4.981	ug/L	98
54) o-Xylene	9.542	106	93250	4.878	ug/L	100
55) Styrene	9.558	104	157902	5.080	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	34233	4.957	ug/L	100
59) Bromoform	9.731	173	17465	5.132	ug/L	96
60) Isopropylbenzene	9.931	105	254492	4.987	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28604	5.268	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	106180	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	201979	4.926	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	116771	4.902	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	115355	4.770	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	103297	4.896	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5055	5.384	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	86118	4.751	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64933	4.647	ug/L	97
71) Naphthalene	13.500	128	92521	4.514	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54817	4.738	ug/L	96

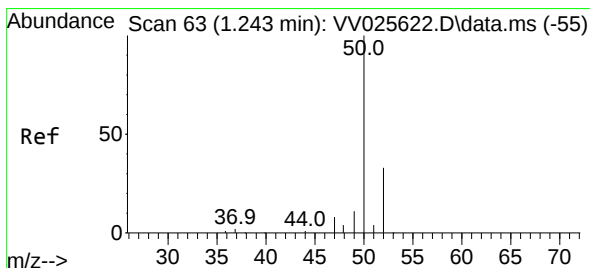
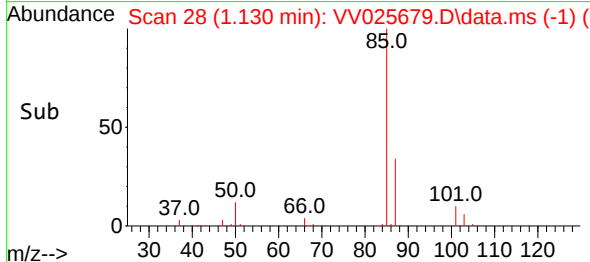
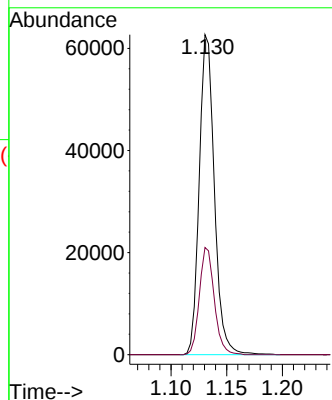
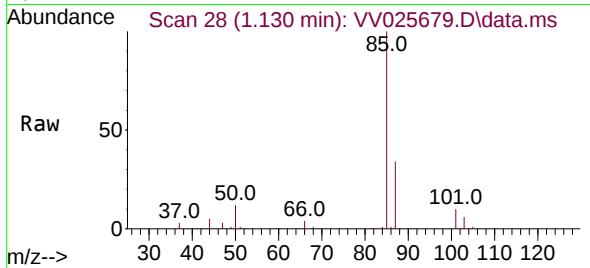
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.361 ug/L
 RT: 1.130 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

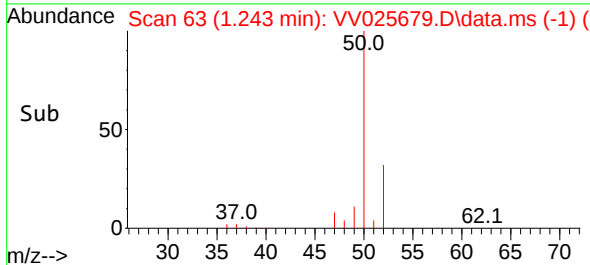
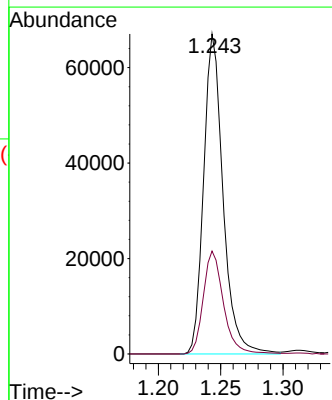
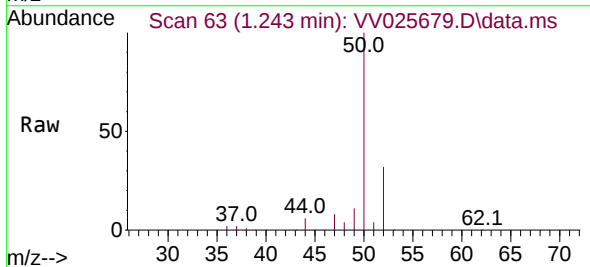
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

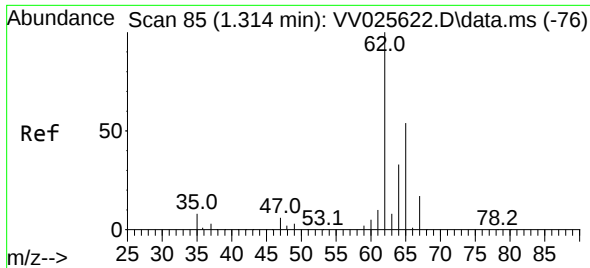
Tgt Ion: 85 Resp: 59069
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.932 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

Tgt Ion: 50 Resp: 72589
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9

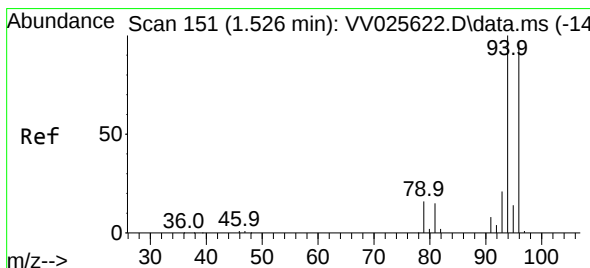
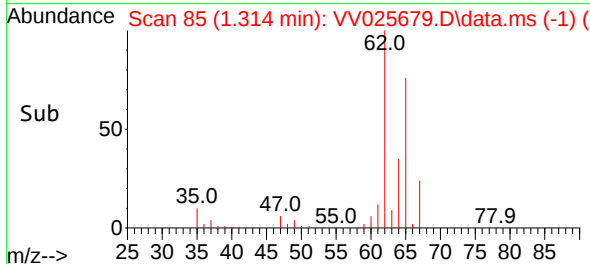
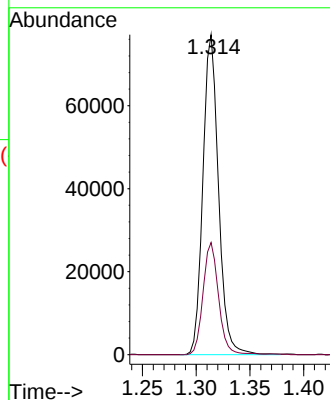
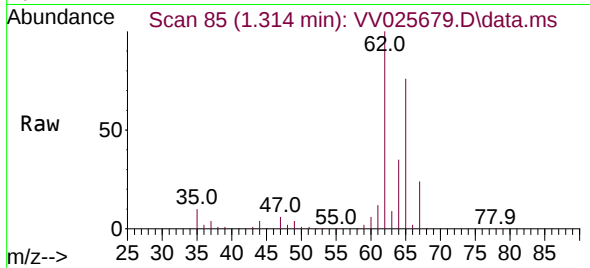




#5
 Vinyl chloride
 Concen: 4.680 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

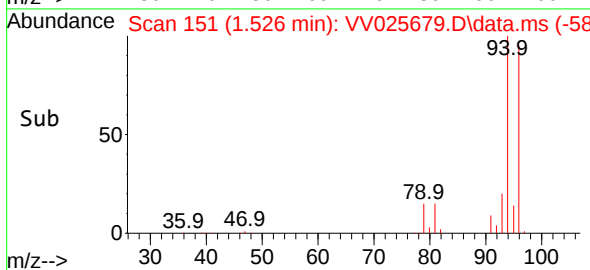
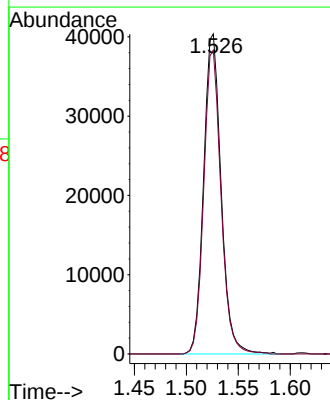
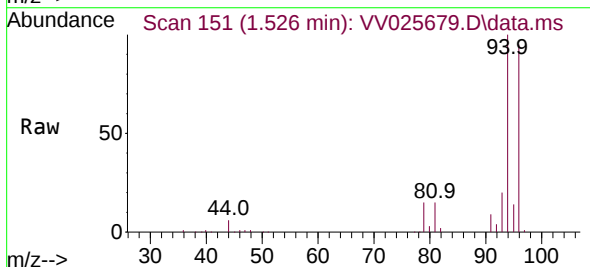
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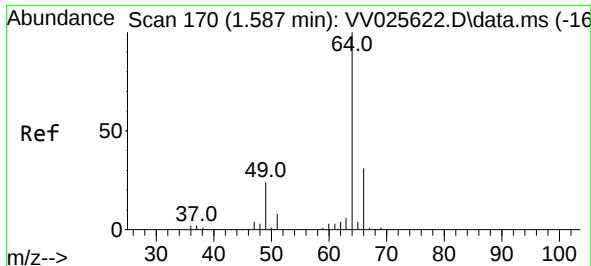
Tgt Ion: 62 Resp: 77840
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2



#6
 Bromomethane
 Concen: 3.941 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

Tgt Ion: 94 Resp: 47263
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.1 122.7

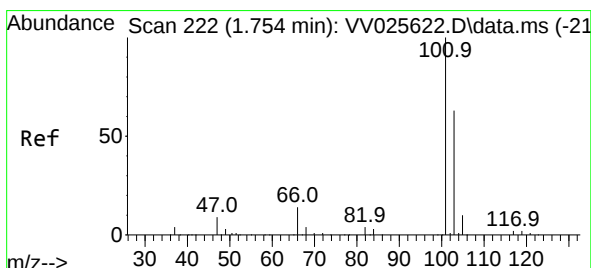
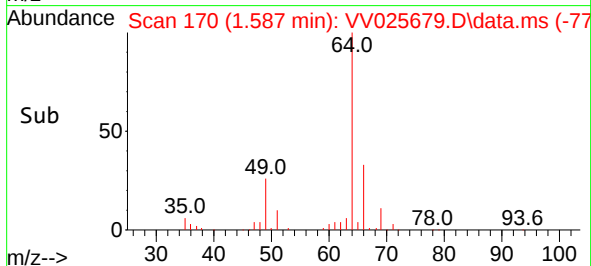
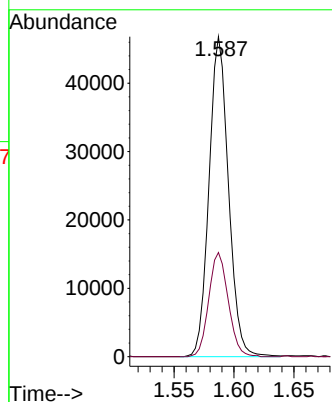
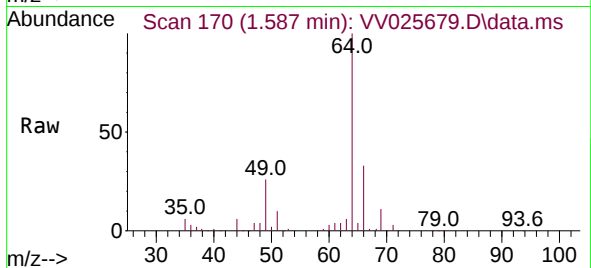




#8
Chloroethane
Concen: 4.111 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

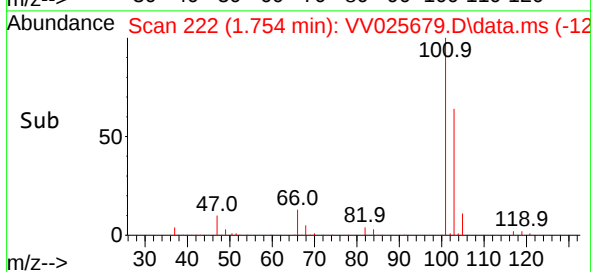
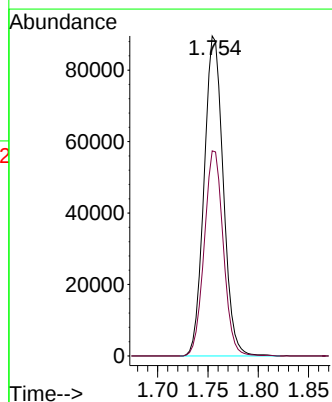
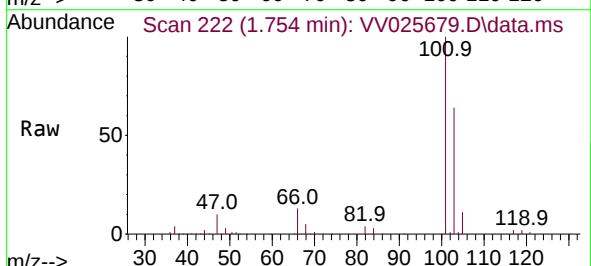
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

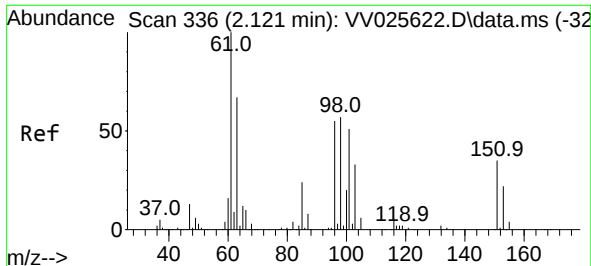
Tgt Ion: 64 Resp: 52776
Ion Ratio Lower Upper
64 100
66 32.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.078 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:101 Resp: 118641
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9





#10

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

Concen: 5.092 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005390

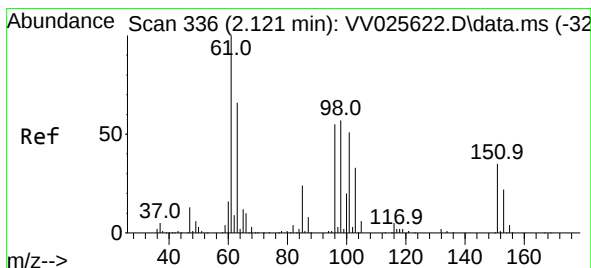
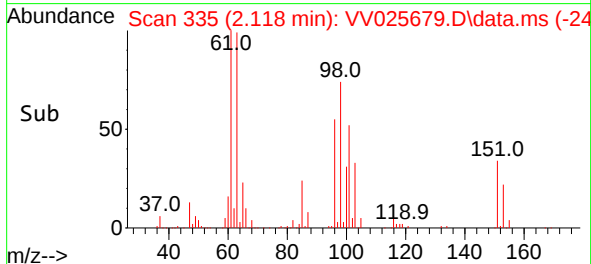
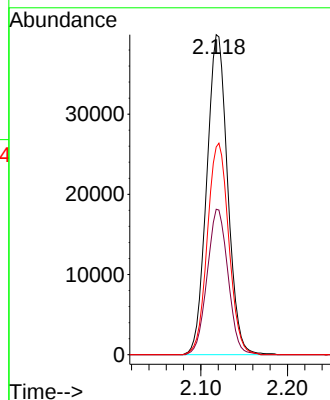
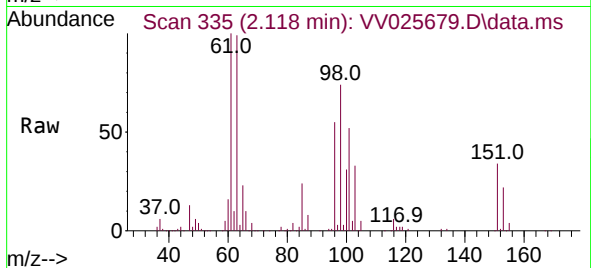
Tgt Ion:101 Resp: 66840

Ion Ratio Lower Upper

101 100

85 45.3 35.9 53.9

151 67.7 56.0 84.0



#12

1,1-Dichloroethene

Concen: 4.720 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

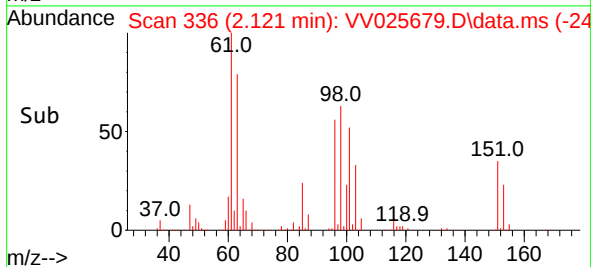
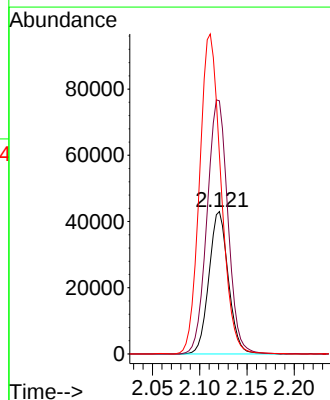
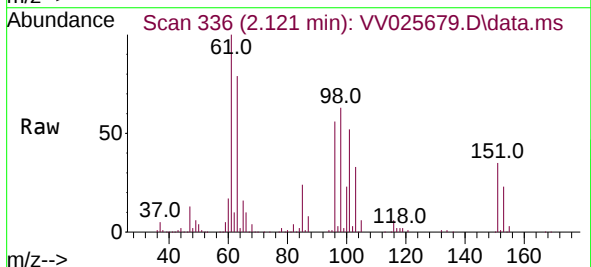
Tgt Ion: 96 Resp: 61384

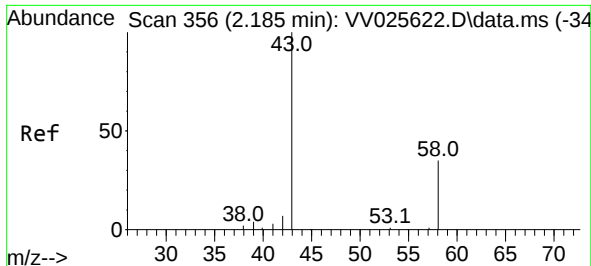
Ion Ratio Lower Upper

96 100

61 177.7 125.2 232.4

63 140.1 114.4 212.4





#13

Acetone

Concen: 57.611 ug/L

RT: 2.192 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

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MSVOA_V

ClientSampleId :

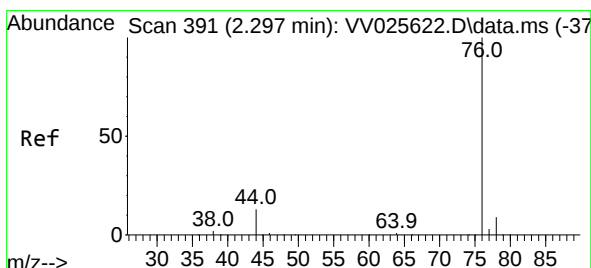
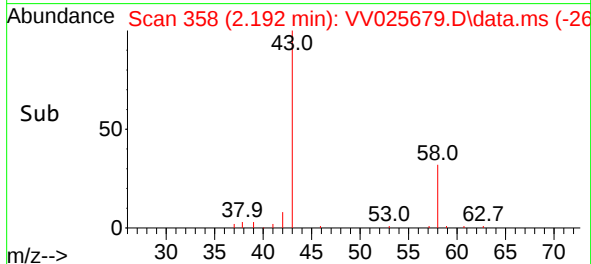
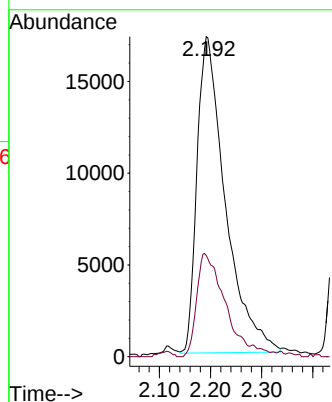
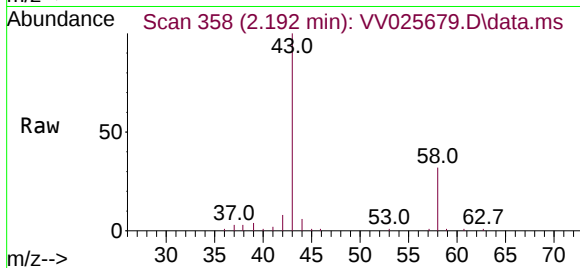
VSTD005390

Tgt Ion: 43 Resp: 66312

Ion Ratio Lower Upper

43 100

58 31.5 0.0 72.2



#14

Carbon disulfide

Concen: 4.165 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025679.D

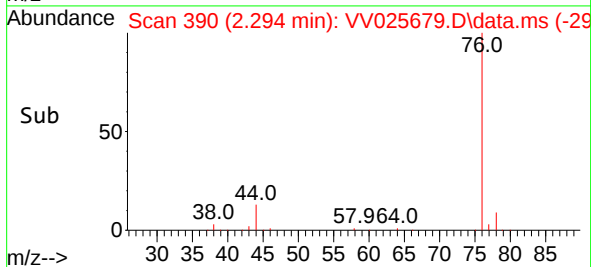
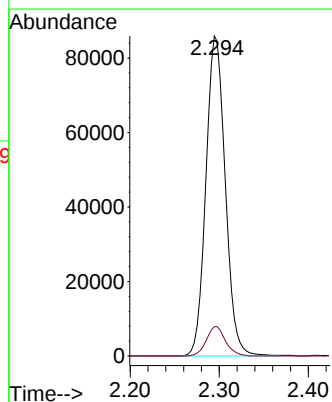
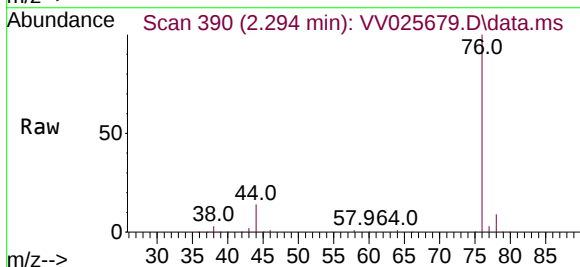
Acq: 22 Apr 2022 13:57

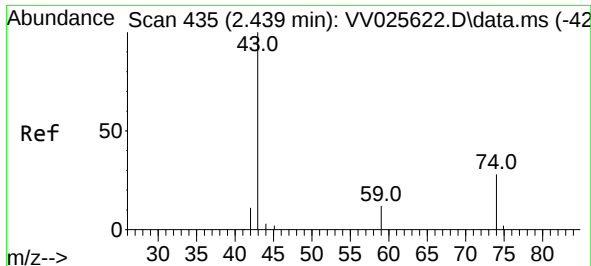
Tgt Ion: 76 Resp: 129658

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

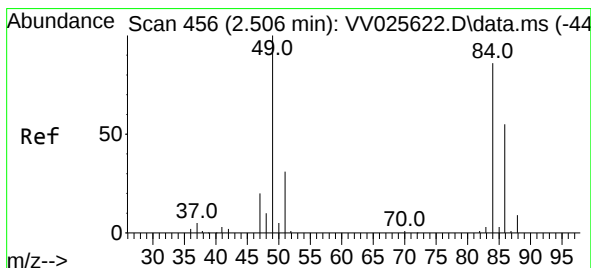
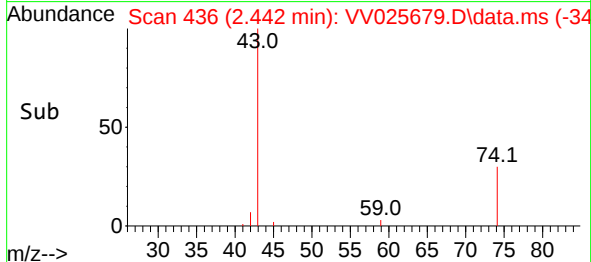
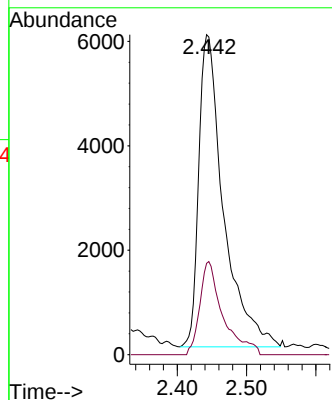
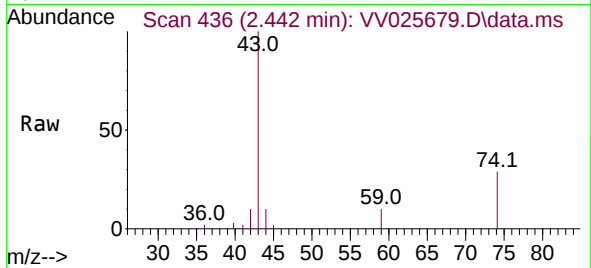




#15
Methyl Acetate
Concen: 5.801 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

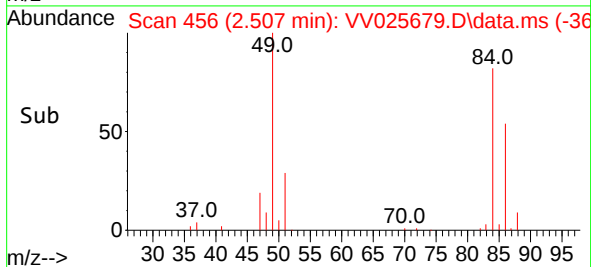
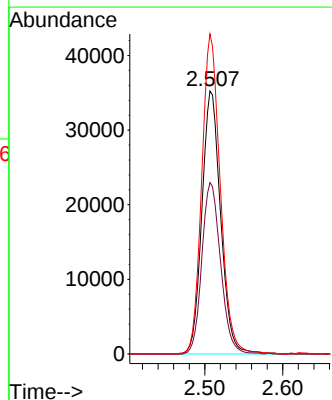
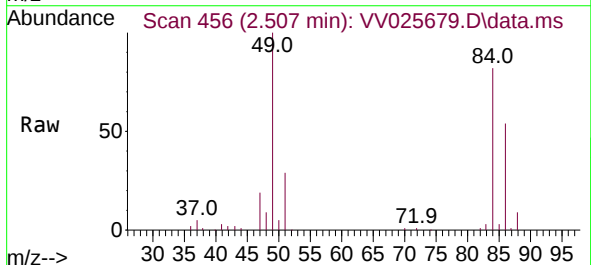
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

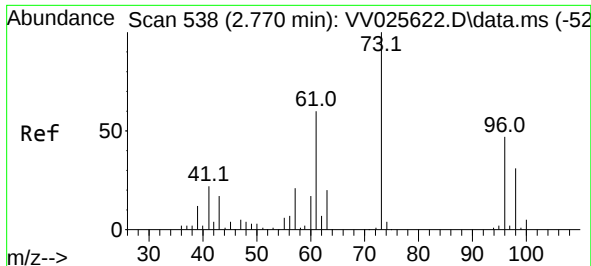
Tgt Ion: 43 Resp: 14840
Ion Ratio Lower Upper
43 100
74 27.7 25.2 37.8



#16
Methylene chloride
Concen: 4.660 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion: 84 Resp: 58764
Ion Ratio Lower Upper
84 100
86 65.2 45.9 85.3
49 121.7 76.6 142.3

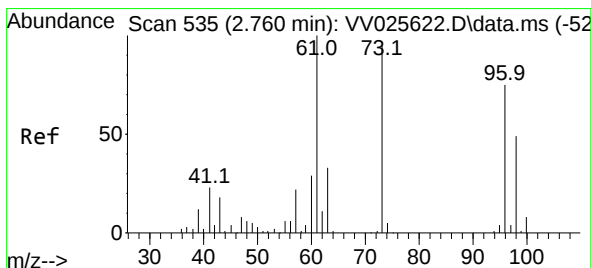
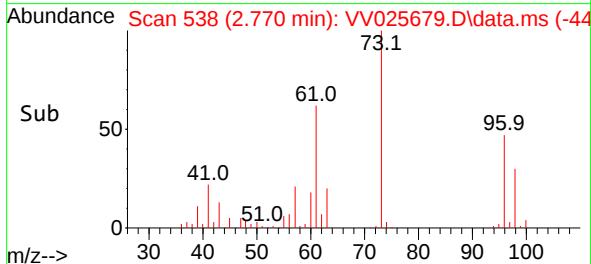
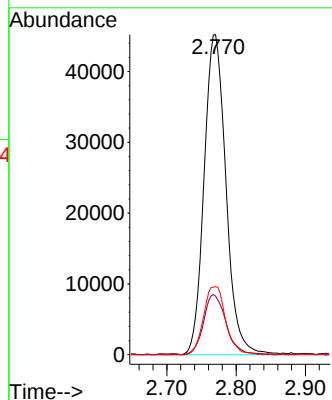
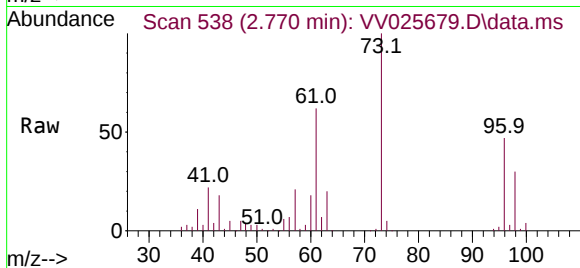




#17
Methyl tert-butyl Ether
Concen: 4.922 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

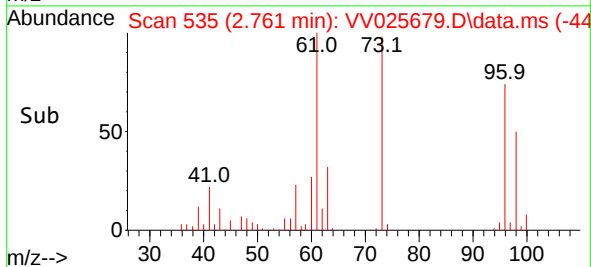
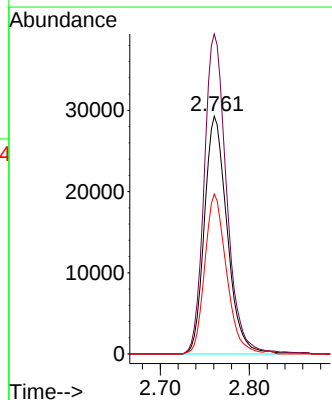
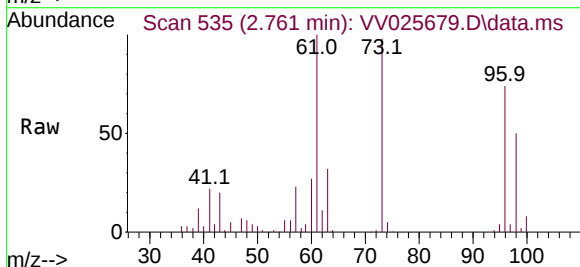
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

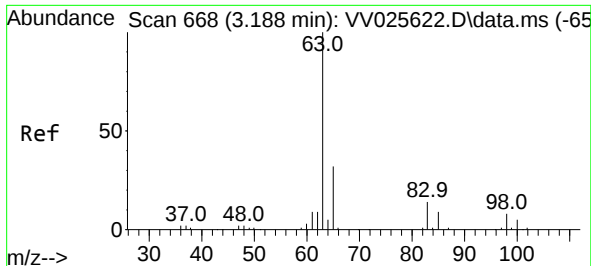
Tgt Ion:	73	Resp:	99053
Ion	Ratio	Lower	Upper
73	100		
43	19.3	14.2	21.4
57	21.4	16.1	24.1



#18
trans-1,2-Dichloroethene
Concen: 4.758 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:	96	Resp:	51859
Ion	Ratio	Lower	Upper
96	100		
61	134.6	92.1	171.1
98	67.3	47.5	88.1

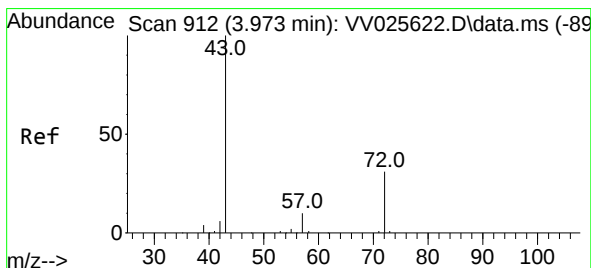
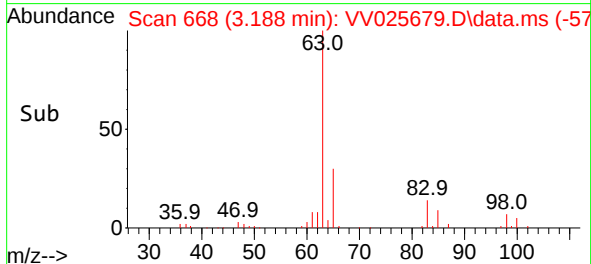
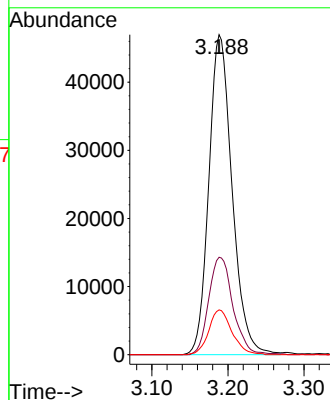
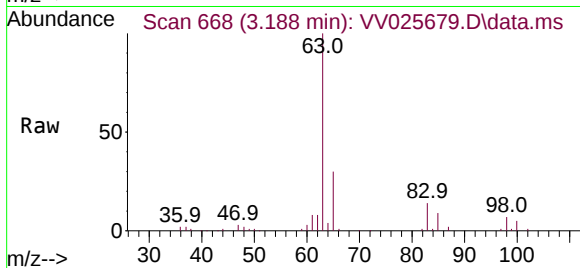




#19
1,1-Dichloroethane
Concen: 5.403 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

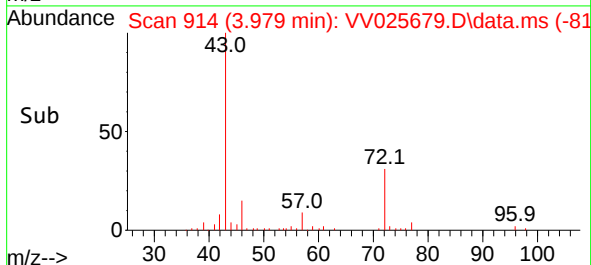
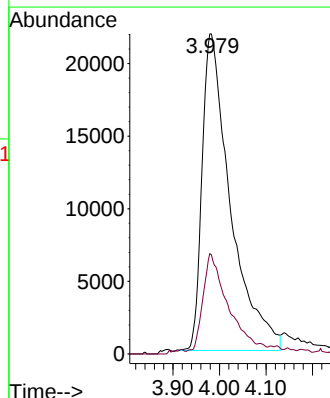
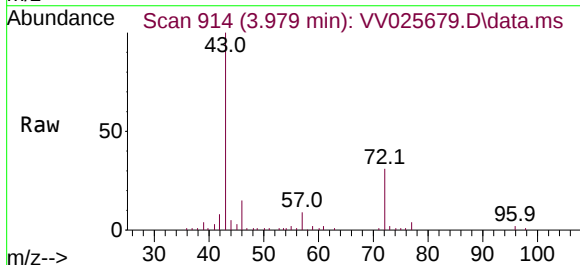
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

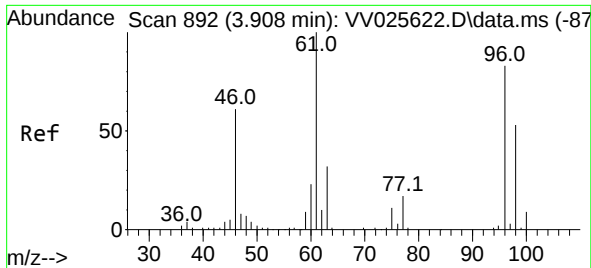
Tgt Ion: 63 Resp: 99741
Ion Ratio Lower Upper
63 100
65 30.5 23.2 43.0
83 14.0 9.0 16.8



#21
2-Butanone
Concen: 58.027 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.010 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion: 43 Resp: 92291
Ion Ratio Lower Upper
43 100
72 26.5 15.2 45.6

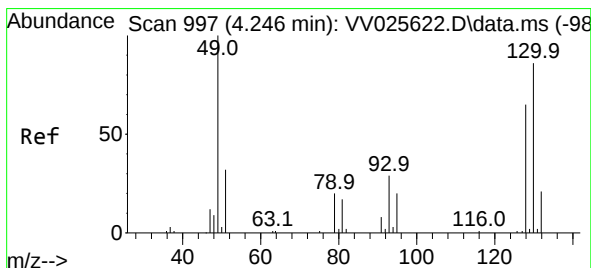
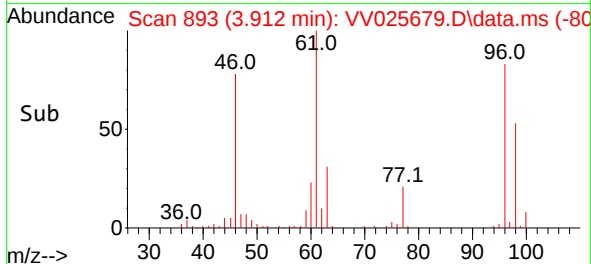
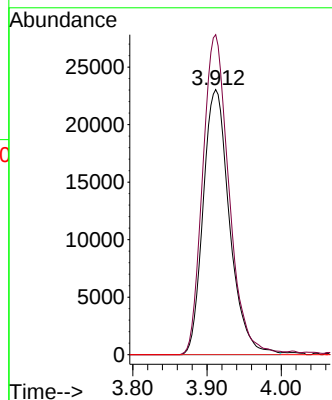
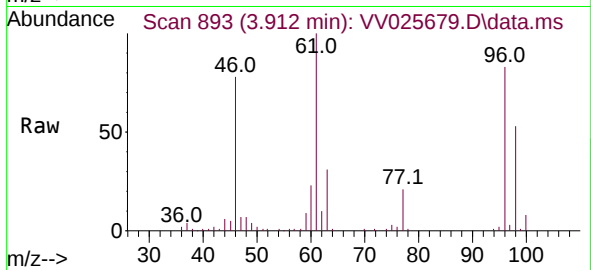




#22
 cis-1,2-Dichloroethene
 Concen: 4.955 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

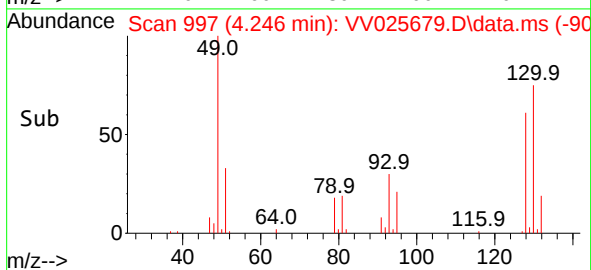
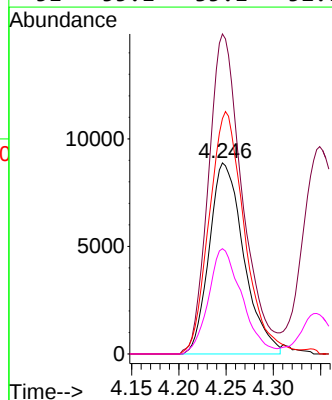
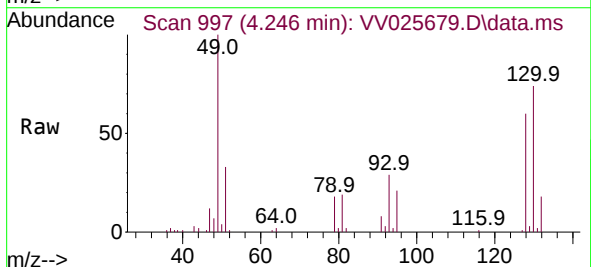
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

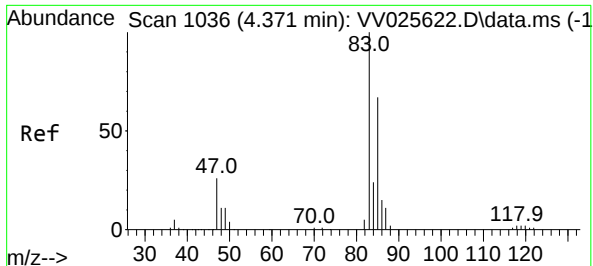
Tgt Ion: 96 Resp: 56848
 Ion Ratio Lower Upper
 96 100
 61 120.7 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.731 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

Tgt Ion: 128 Resp: 22537
 Ion Ratio Lower Upper
 128 100
 49 167.4 100.5 186.7
 130 123.1 87.8 163.0
 51 55.1 35.1 52.7#





#25

Chloroform

Concen: 5.383 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

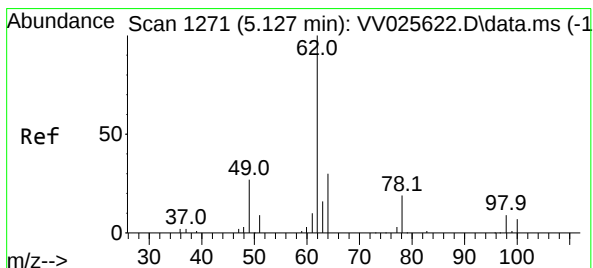
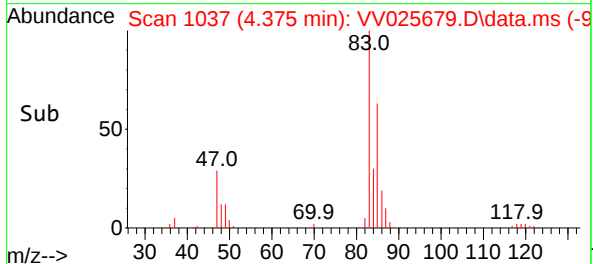
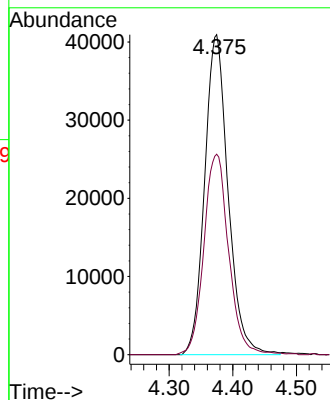
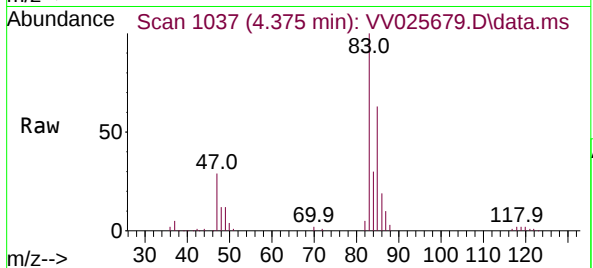
VSTD005390

Tgt Ion: 83 Resp: 104881

Ion Ratio Lower Upper

83 100

85 62.7 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.434 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV025679.D

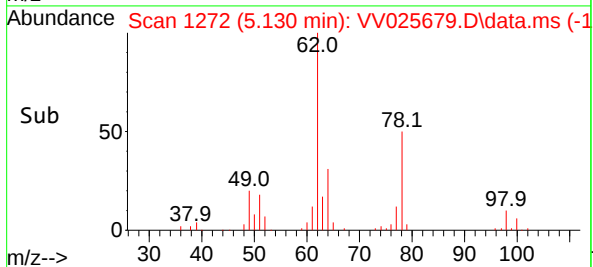
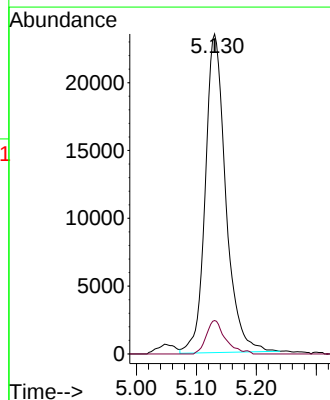
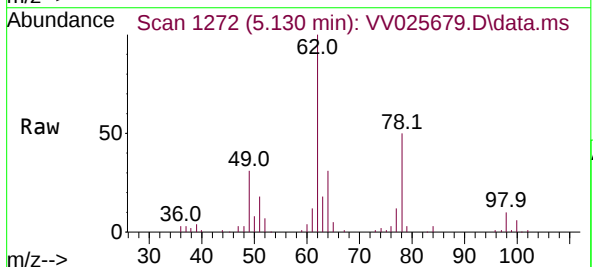
Acq: 22 Apr 2022 13:57

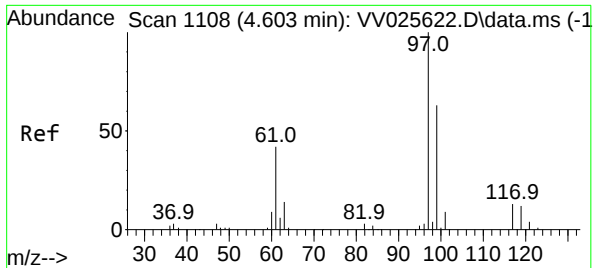
Tgt Ion: 62 Resp: 55861

Ion Ratio Lower Upper

62 100

98 10.5 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.105 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005390

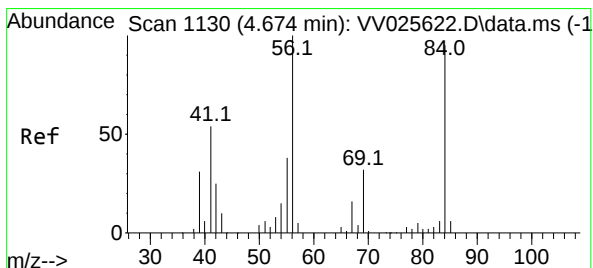
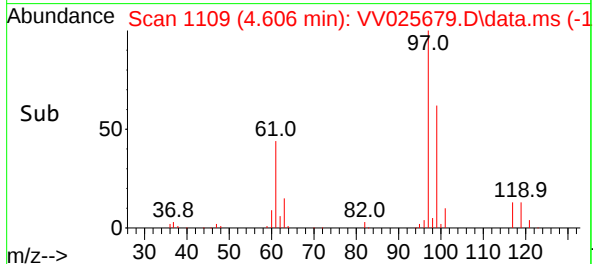
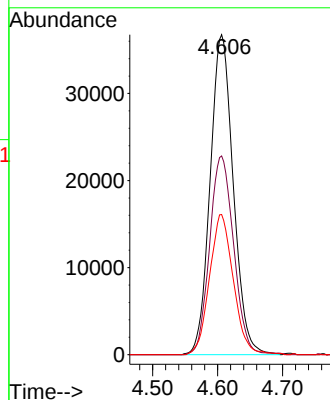
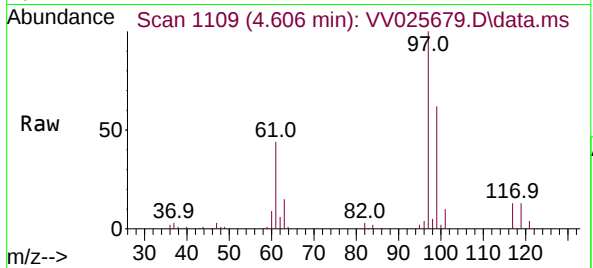
Tgt Ion: 97 Resp: 90936

Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 45.1 34.3 51.5



#30

Cyclohexane

Concen: 4.538 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

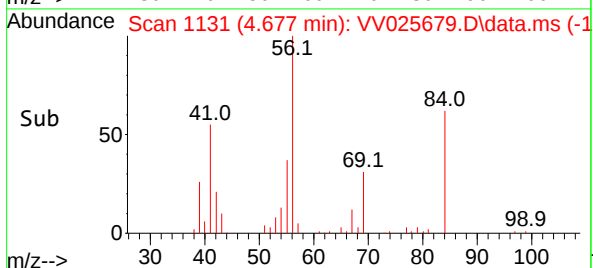
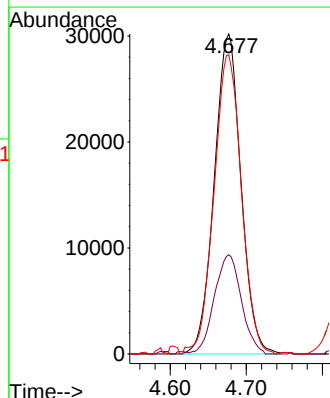
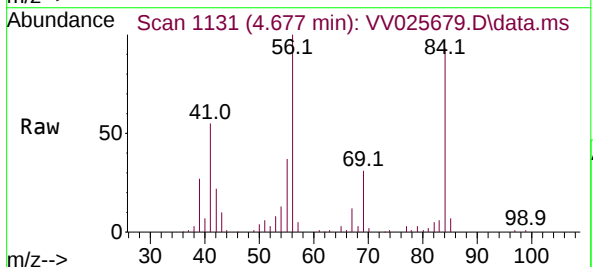
Tgt Ion: 56 Resp: 73502

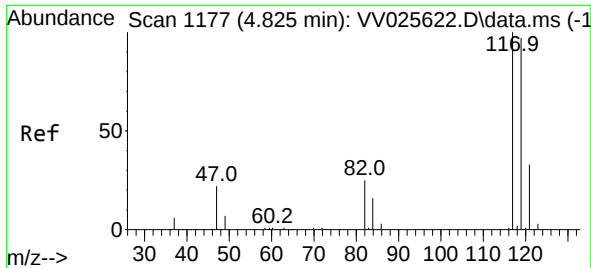
Ion Ratio Lower Upper

56 100

69 31.4 26.1 39.1

84 96.1 78.6 118.0

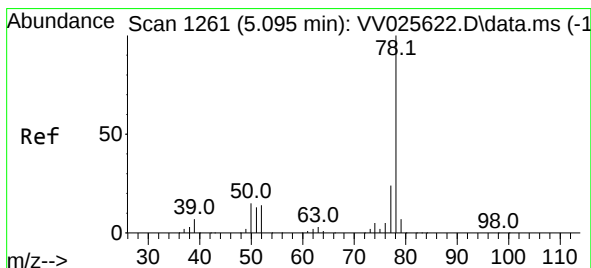
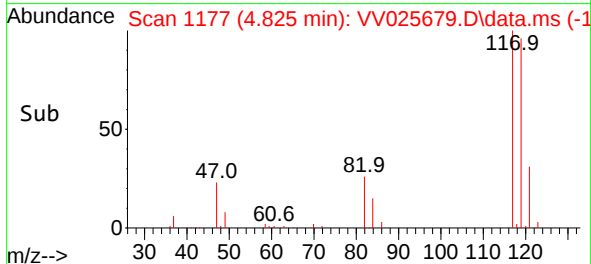
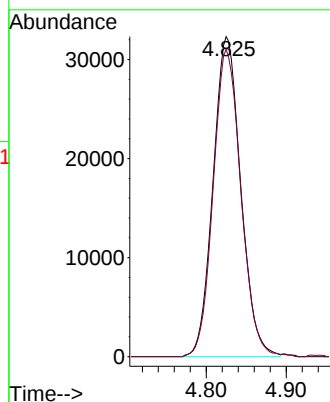
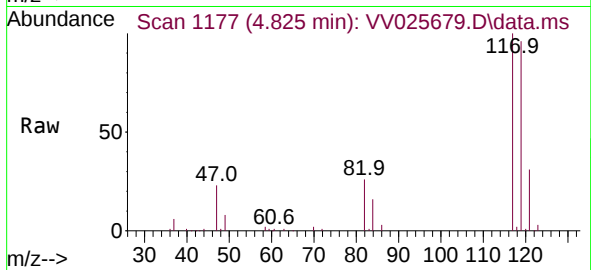




#31
Carbon tetrachloride
Concen: 5.144 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

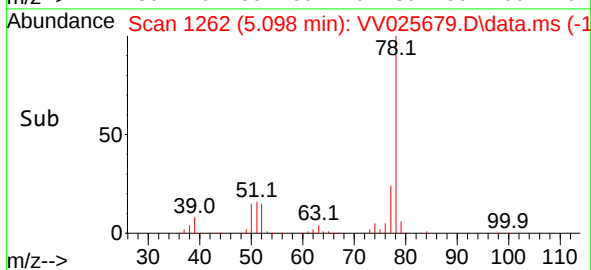
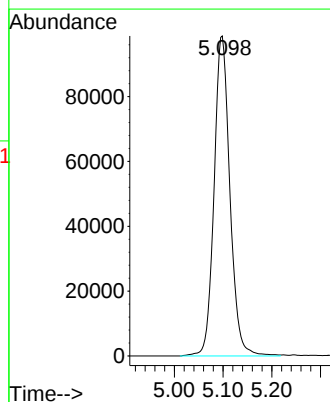
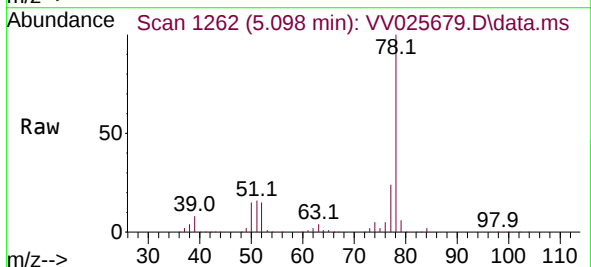
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

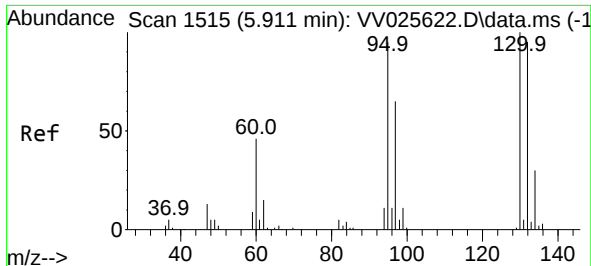
Tgt Ion:117 Resp: 77503
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 4.997 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion: 78 Resp: 222964

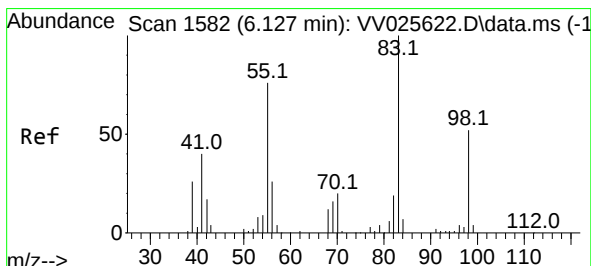
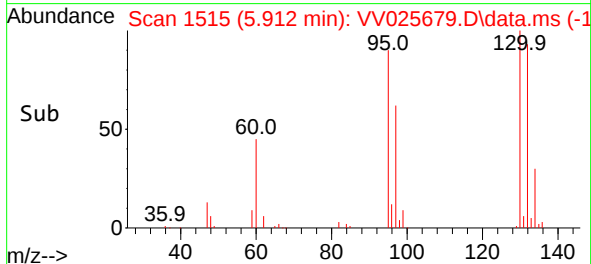
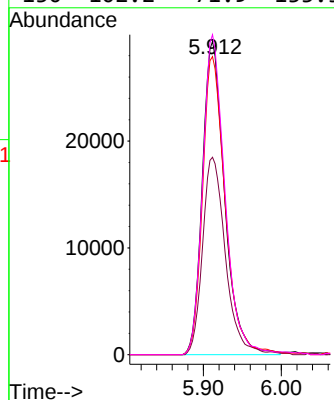
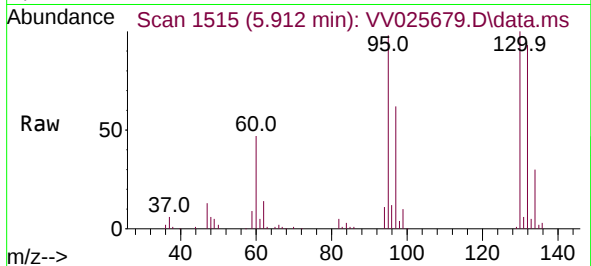




#34
Trichloroethene
Concen: 4.933 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

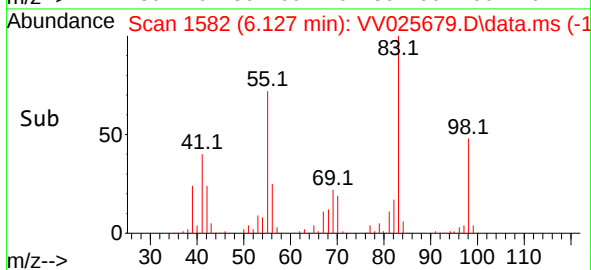
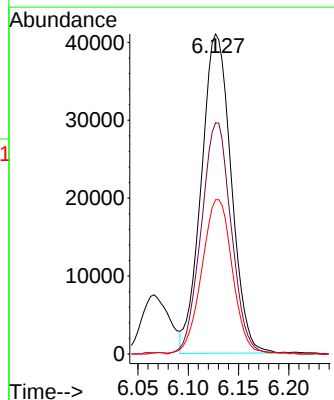
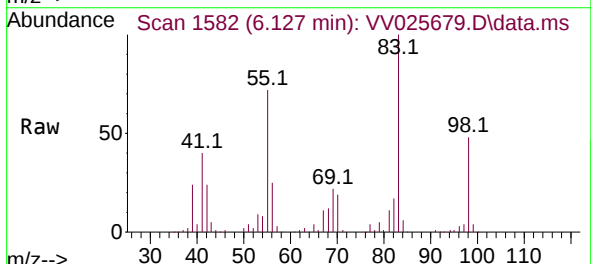
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

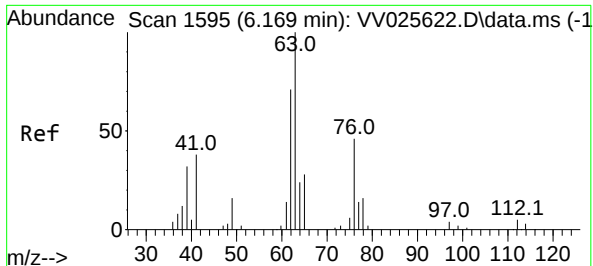
Tgt Ion: 95 Resp: 58446
Ion Ratio Lower Upper
95 100
97 63.0 45.8 85.2
132 95.2 68.0 126.4
130 102.2 71.9 133.5



#35
Methylcyclohexane
Concen: 4.483 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion: 83 Resp: 84750
Ion Ratio Lower Upper
83 100
55 72.9 53.7 80.5
98 49.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.155 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

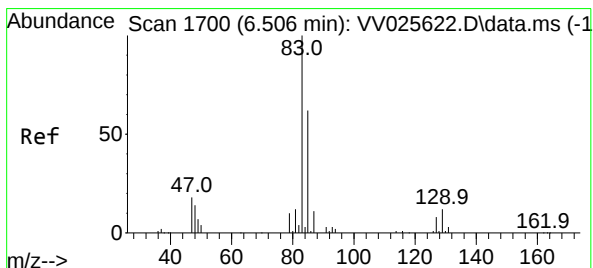
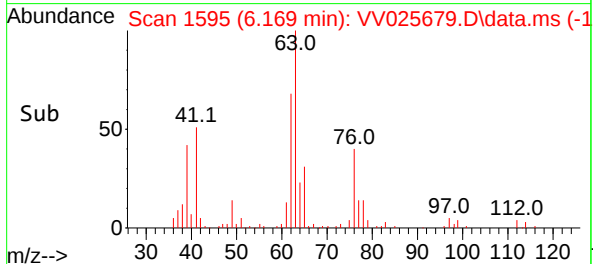
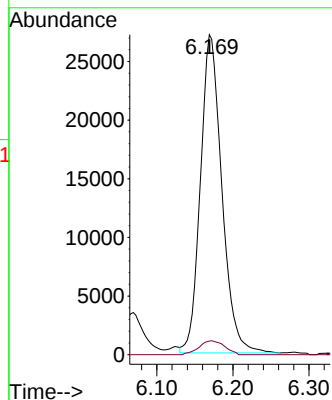
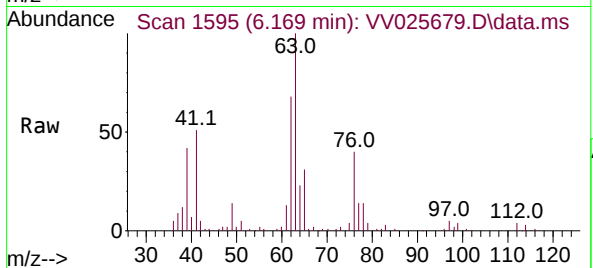
VSTD005390

Tgt Ion: 63 Resp: 53212

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 5.383 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

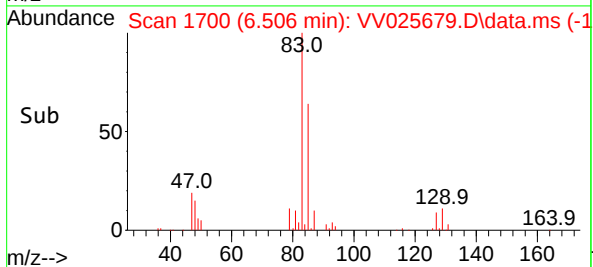
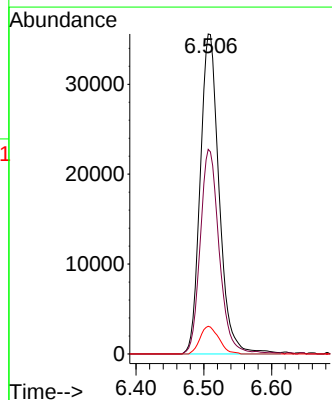
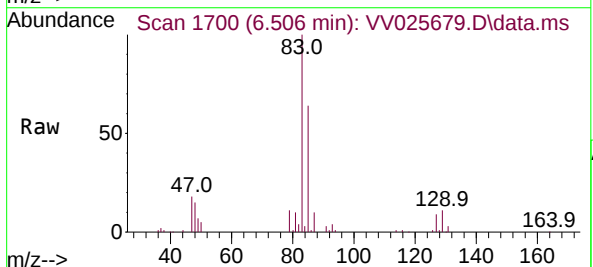
Tgt Ion: 83 Resp: 68974

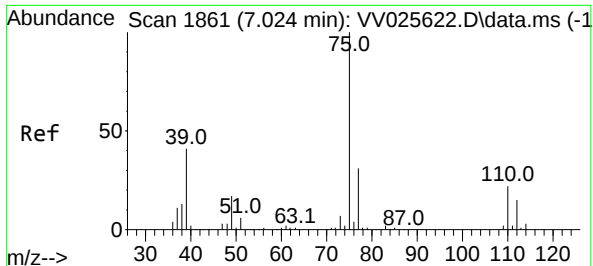
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.134 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

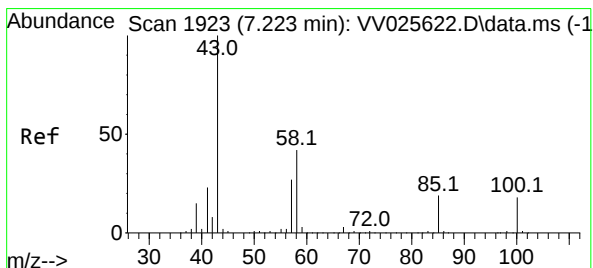
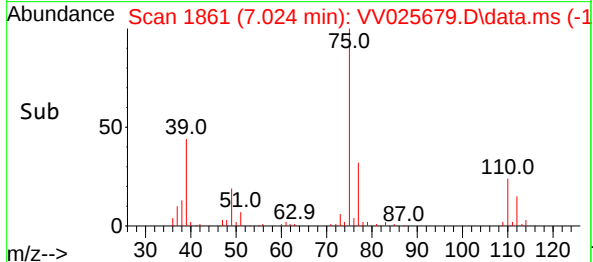
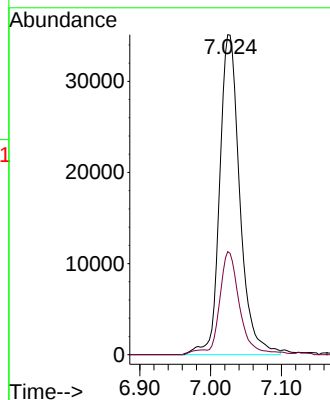
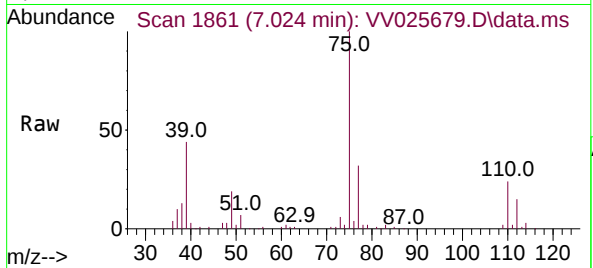
VSTD005390

Tgt Ion: 75 Resp: 69444

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.967 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

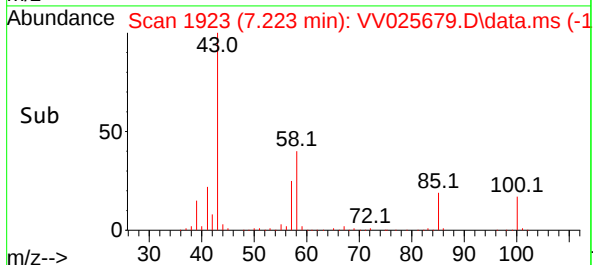
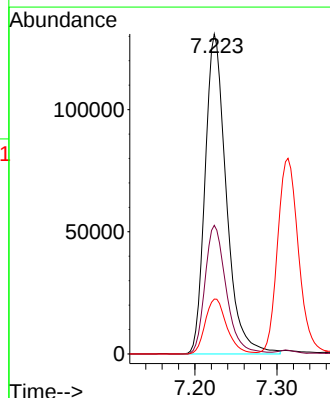
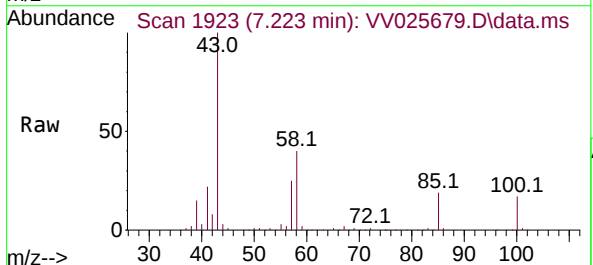
Tgt Ion: 43 Resp: 235442

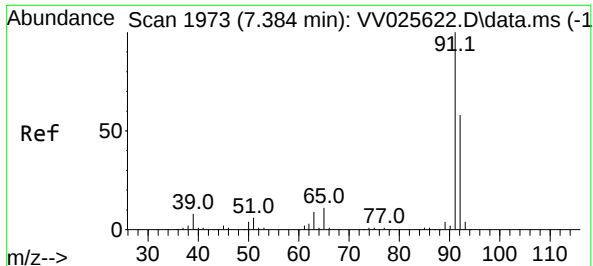
Ion Ratio Lower Upper

43 100

58 40.3 35.1 52.7

100 17.4 15.3 22.9





#42

Toluene

Concen: 4.978 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

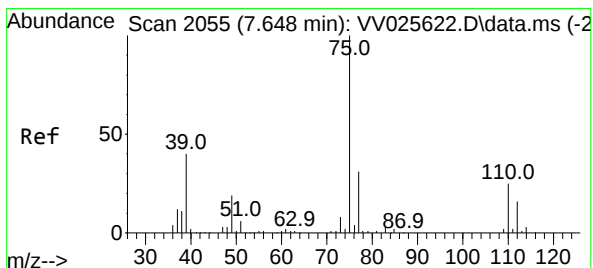
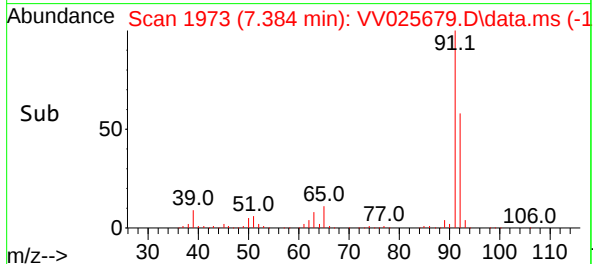
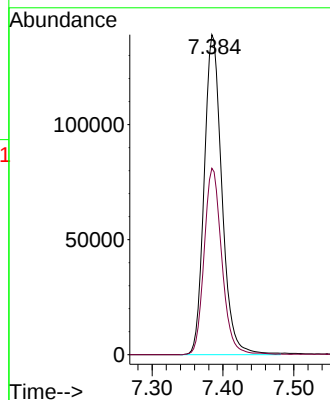
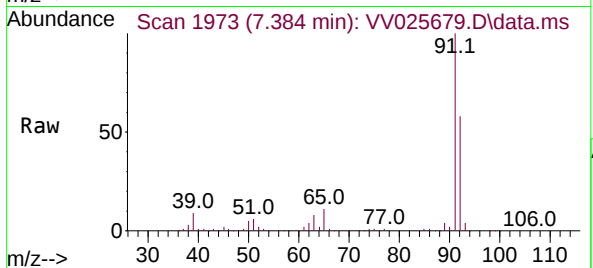
VSTD005390

Tgt Ion: 91 Resp: 241587

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.278 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025679.D

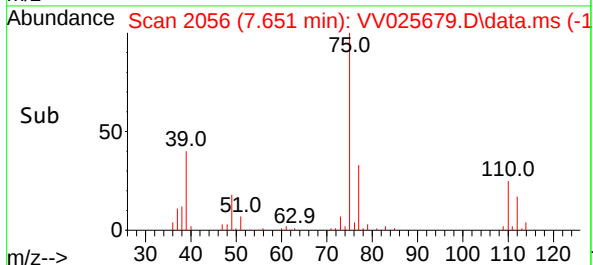
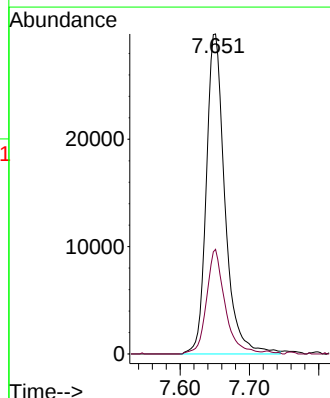
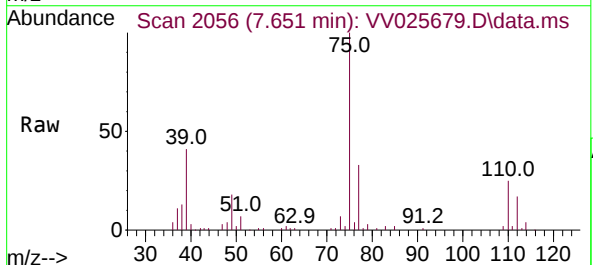
Acq: 22 Apr 2022 13:57

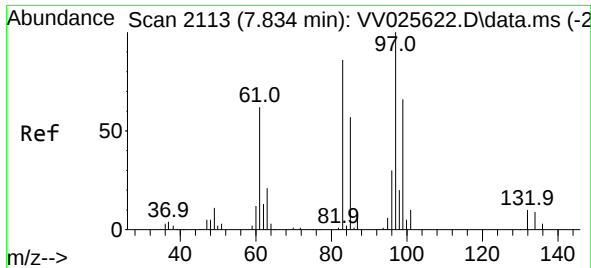
Tgt Ion: 75 Resp: 55469

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3

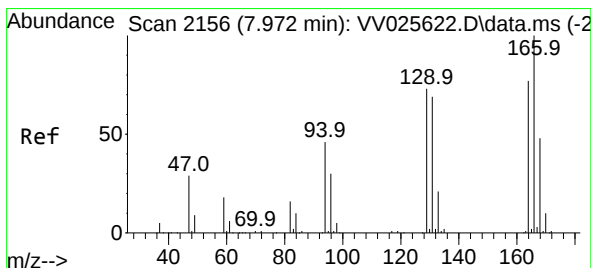
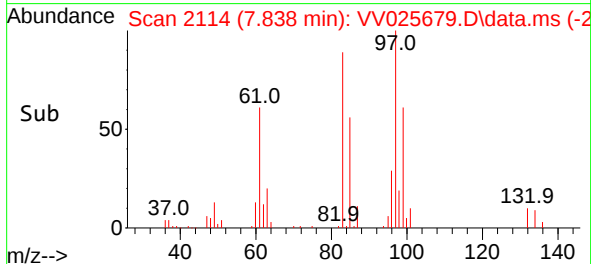
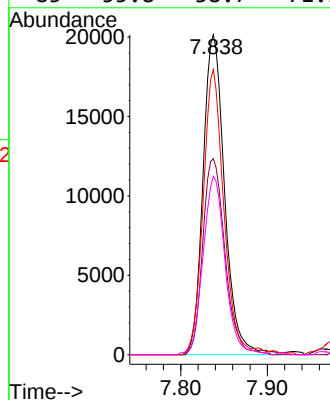
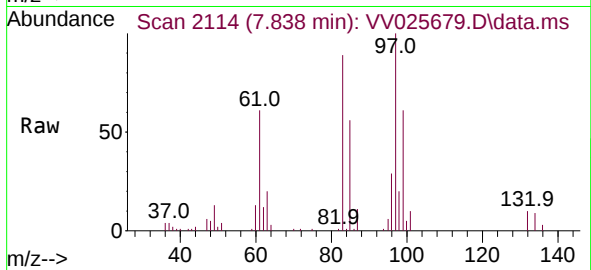




#45
1,1,2-Trichloroethane
Concen: 5.042 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

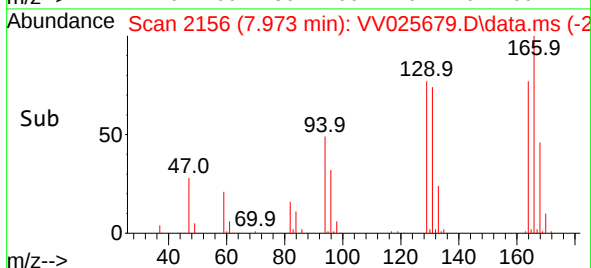
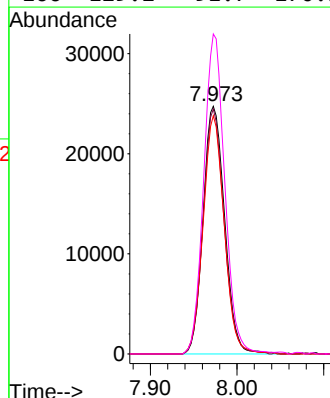
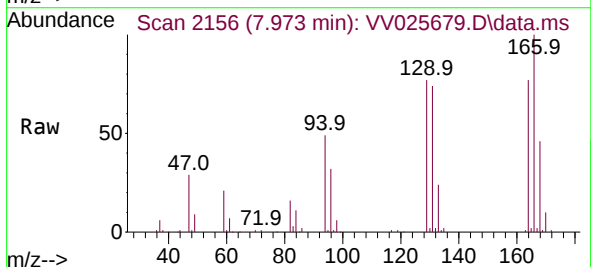
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

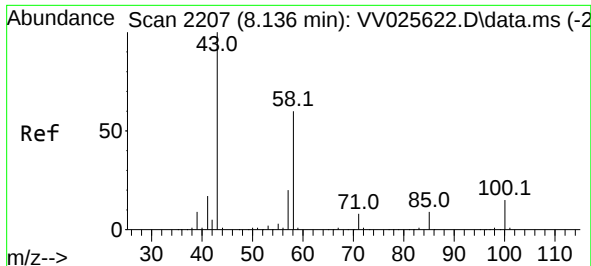
Tgt Ion:	97	Resp:	34852
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.4
83	89.1	60.3	112.1
85	55.8	38.7	71.9



#47
Tetrachloroethene
Concen: 4.601 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:	164	Resp:	42672
Ion	Ratio	Lower	Upper
164	100		
129	98.9	66.8	124.2
131	96.2	66.4	123.4
166	129.2	91.7	170.3

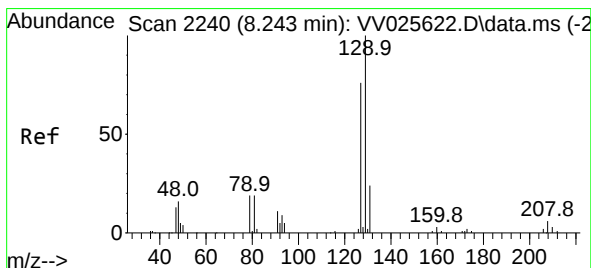
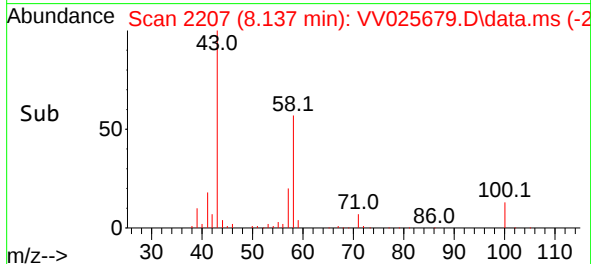
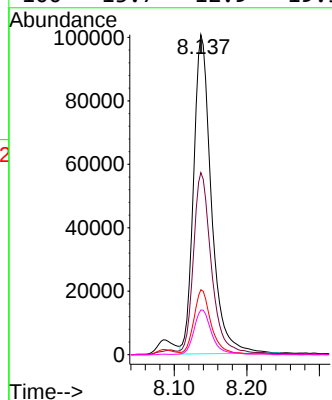
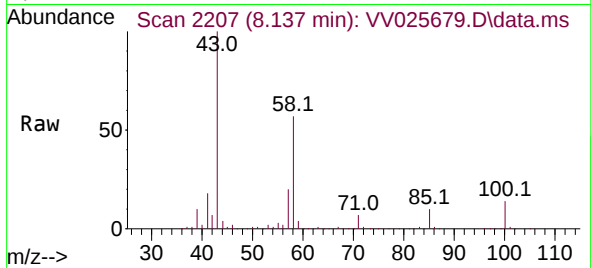




#48
2-Hexanone
Concen: 59.453 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

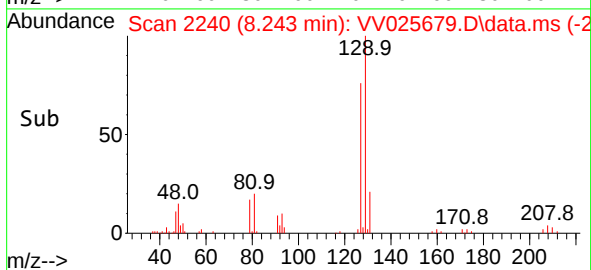
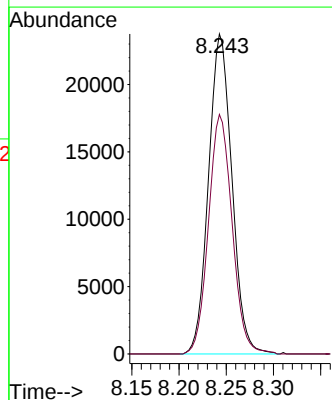
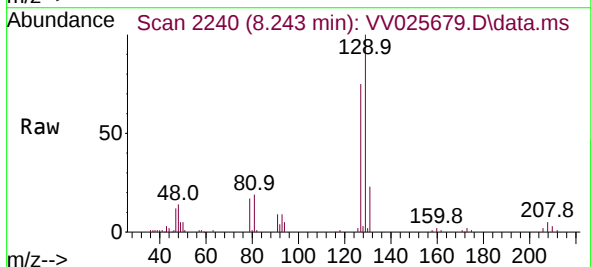
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

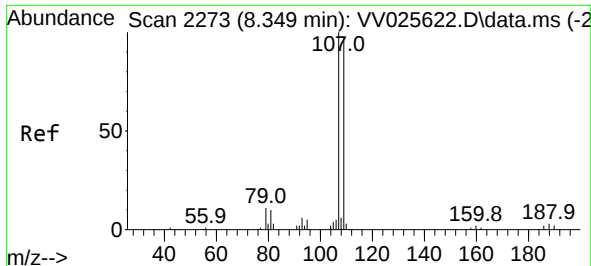
Tgt Ion: 43 Resp: 171237
Ion Ratio Lower Upper
43 100
58 58.0 49.7 74.5
57 19.6 16.4 24.6
100 13.7 12.9 19.3



#49
Dibromochloromethane
Concen: 5.385 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:129 Resp: 40864
Ion Ratio Lower Upper
129 100
127 74.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.713 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

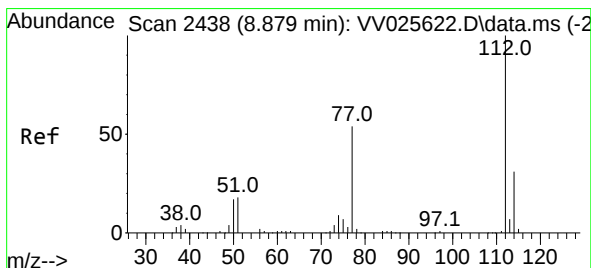
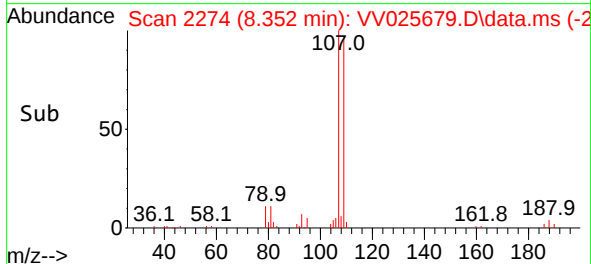
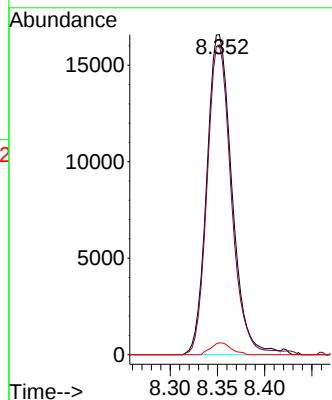
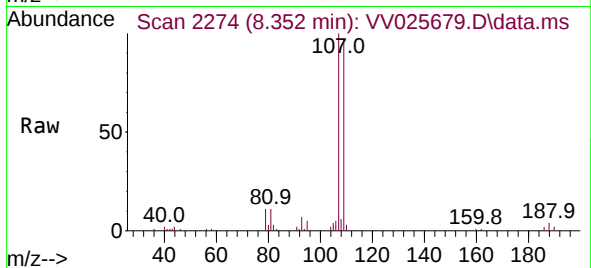
Instrument :

MSVOA_V

ClientSampleId :

VSTD005390

Tgt Ion:	107	Resp:	30603
Ion	Ratio	Lower	Upper
107	100		
109	96.9	65.9	122.3
188	3.7	2.7	4.1



#51

Chlorobenzene

Concen: 4.836 ug/L

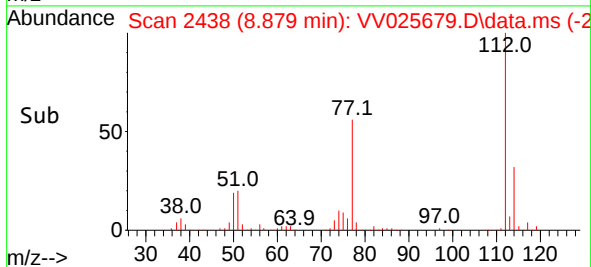
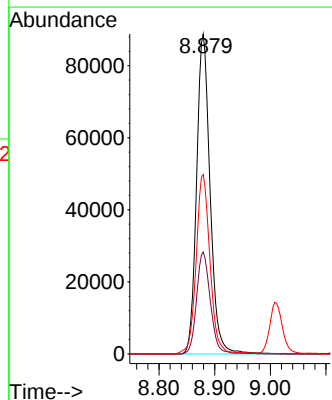
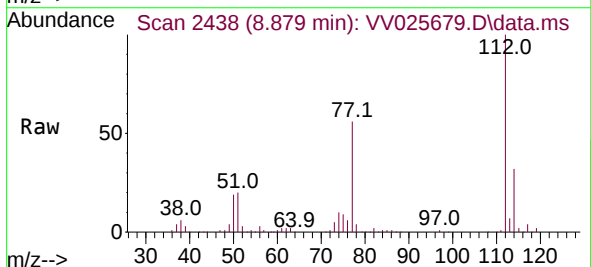
RT: 8.879 min Scan# 2438

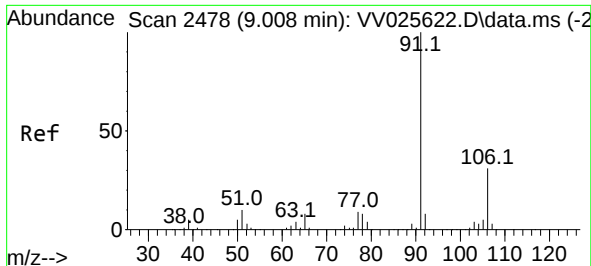
Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Tgt Ion:	112	Resp:	149871
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.4	41.6
77	56.1	43.7	65.5

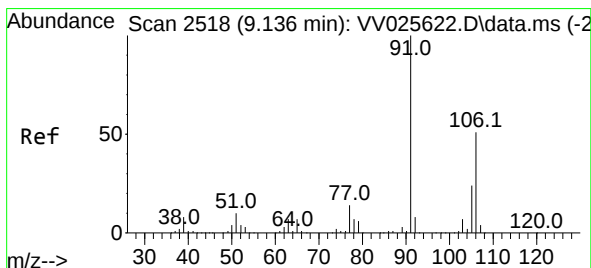
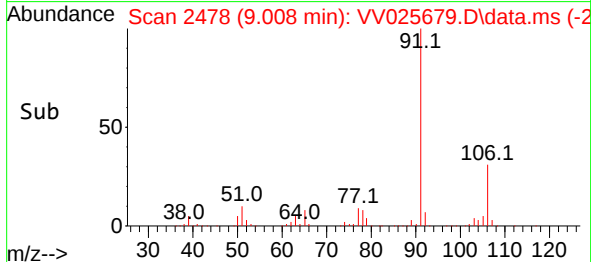
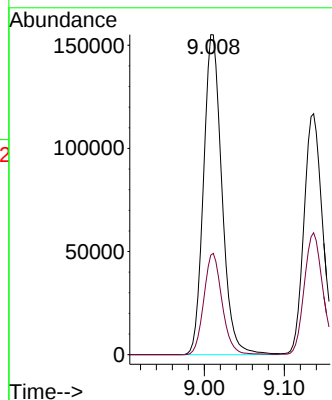
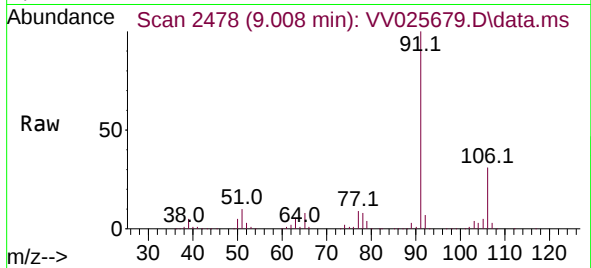




#52
Ethylbenzene
Concen: 4.808 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

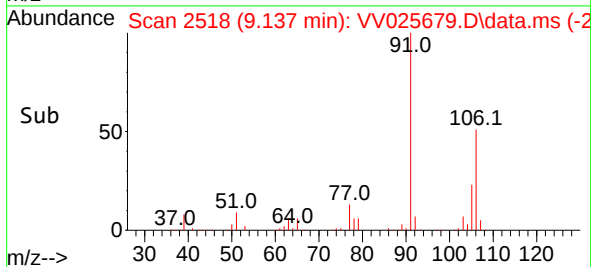
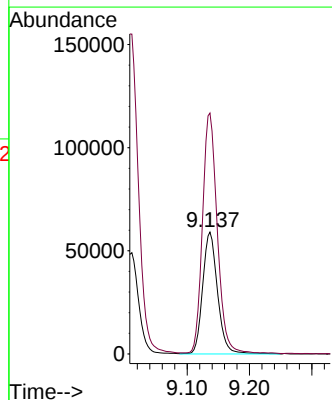
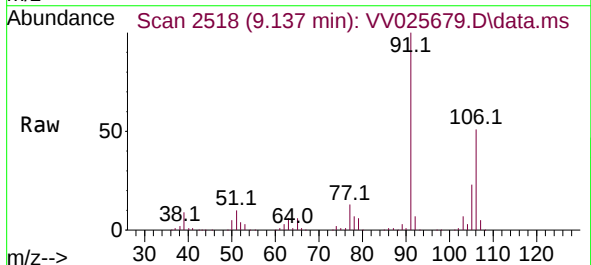
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

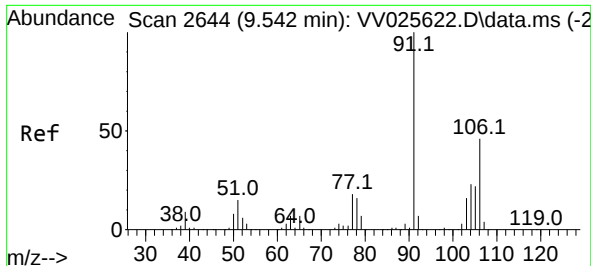
Tgt Ion: 91 Resp: 248861
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 4.981 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion: 106 Resp: 98027
Ion Ratio Lower Upper
106 100
91 197.5 136.4 253.4

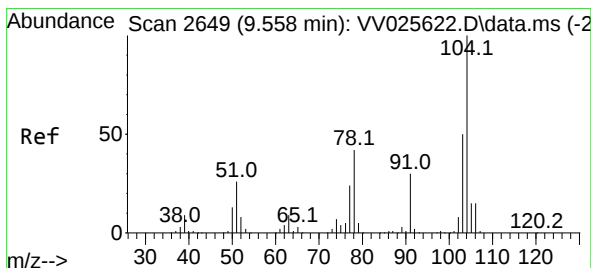
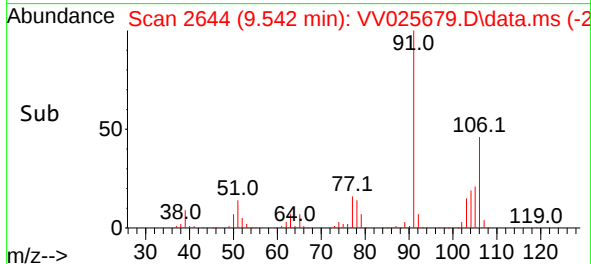
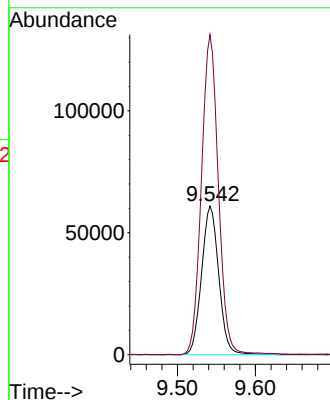
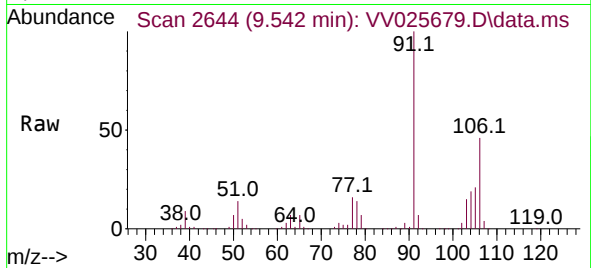




#54
o-Xylene
Concen: 4.878 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

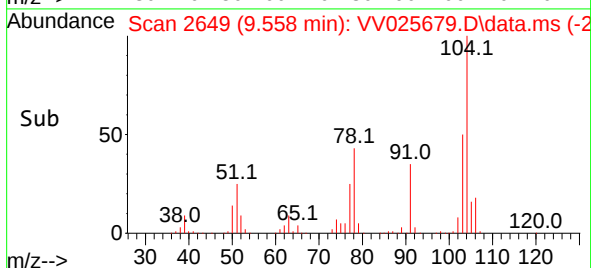
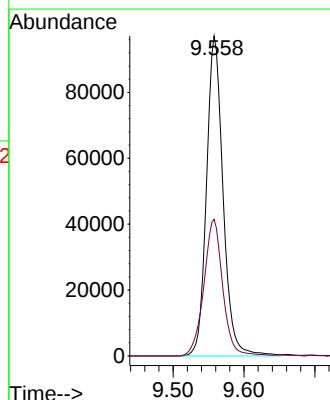
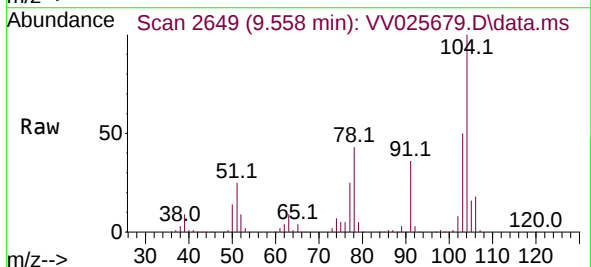
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

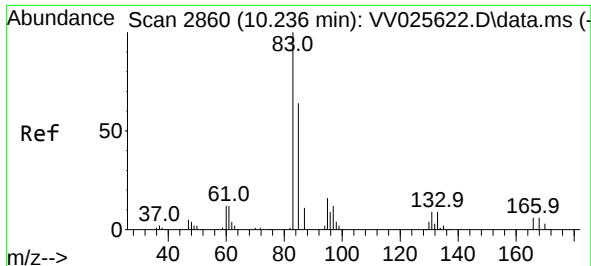
Tgt Ion:106 Resp: 93250
Ion Ratio Lower Upper
106 100
91 215.3 150.4 279.2



#55
Styrene
Concen: 5.080 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:104 Resp: 157902
Ion Ratio Lower Upper
104 100
78 42.7 28.3 52.7





#57

1,1,2-Tetrachloroethane

Concen: 4.957 ug/L

RT: 10.239 min Scan# 2860

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005390

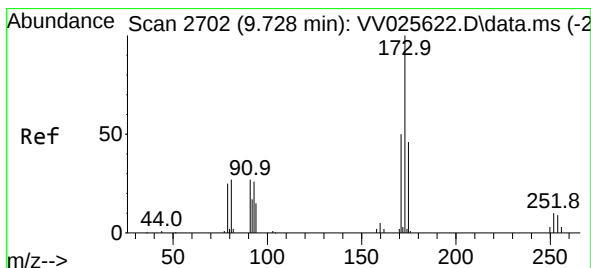
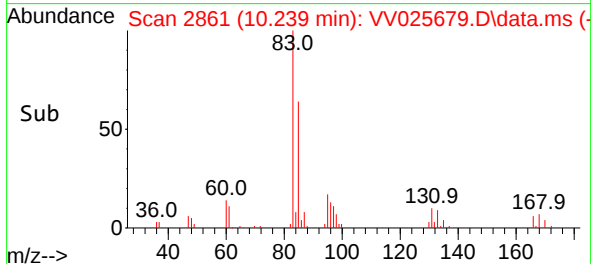
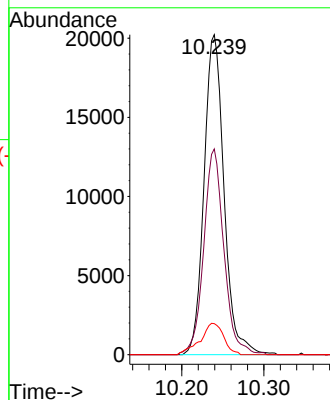
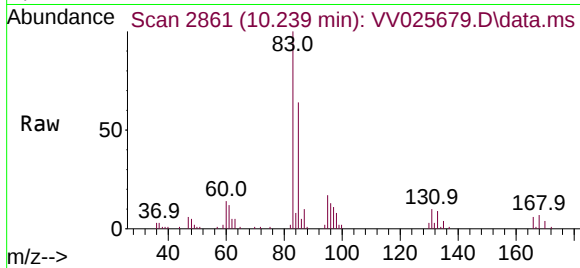
Tgt Ion: 83 Resp: 34233

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.9

131 9.7 7.9 11.9



#59

Bromoform

Concen: 5.132 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

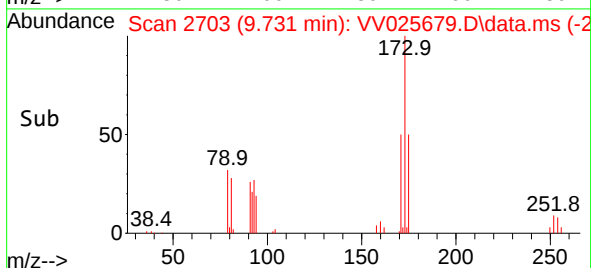
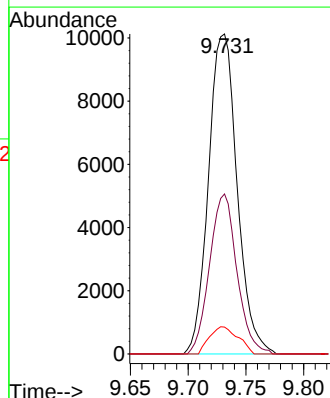
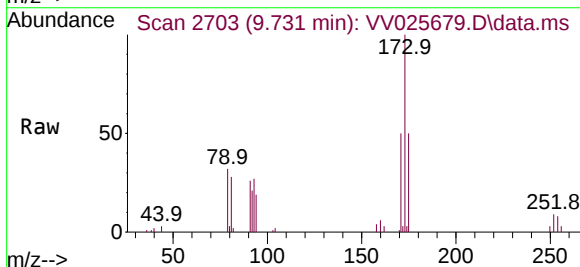
Tgt Ion: 173 Resp: 17465

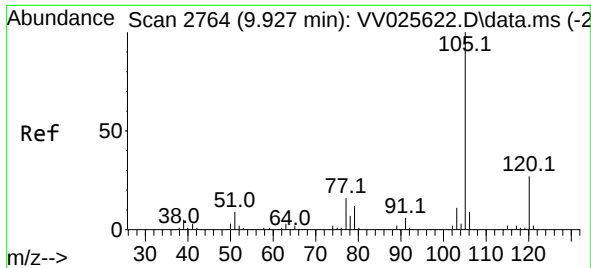
Ion Ratio Lower Upper

173 100

175 47.7 40.8 61.2

254 8.5 7.0 10.6

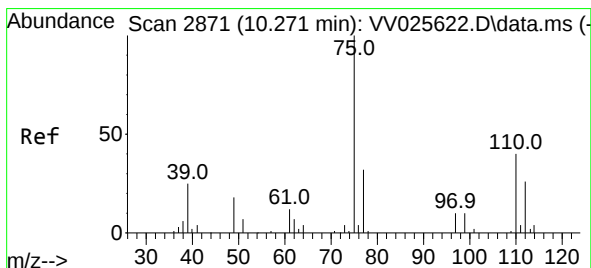
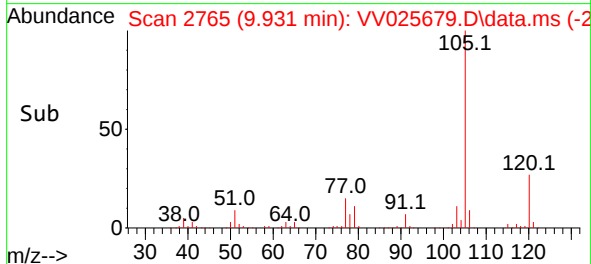
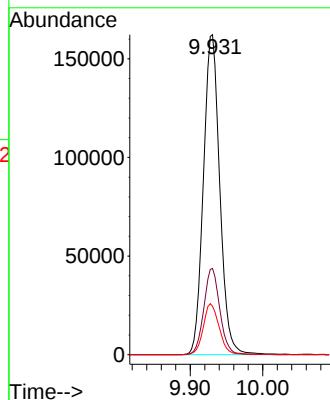
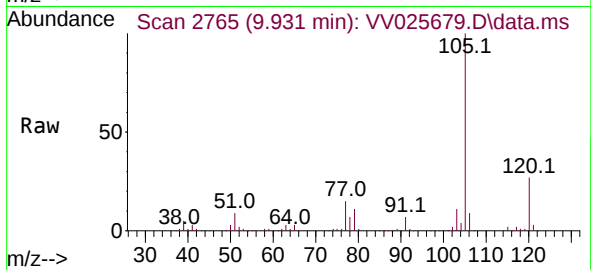




#60
Isopropylbenzene
Concen: 4.987 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

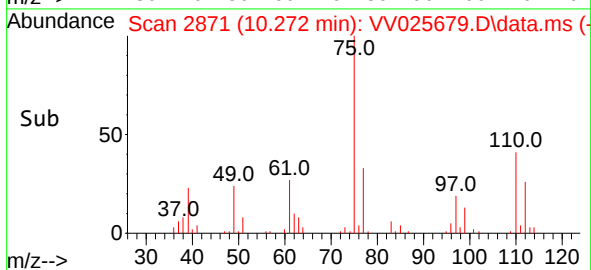
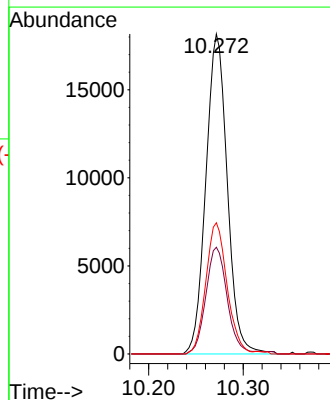
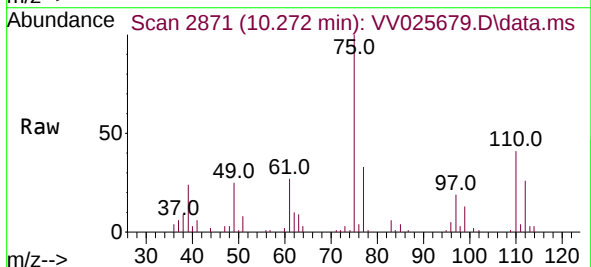
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

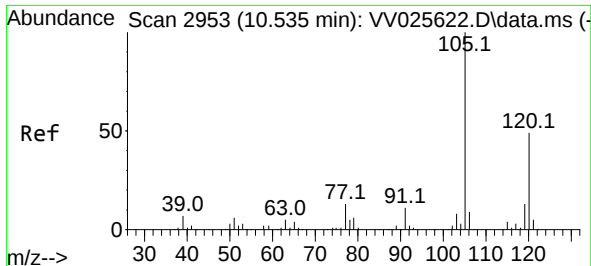
Tgt Ion:105 Resp: 254492
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.268 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion: 75 Resp: 28604
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
110 40.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.666 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

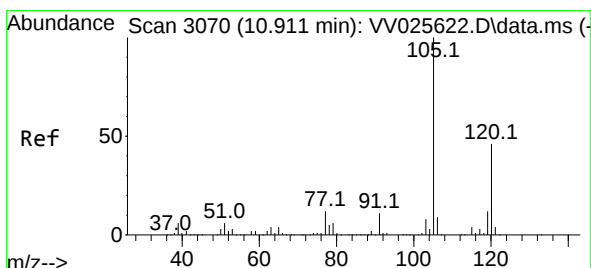
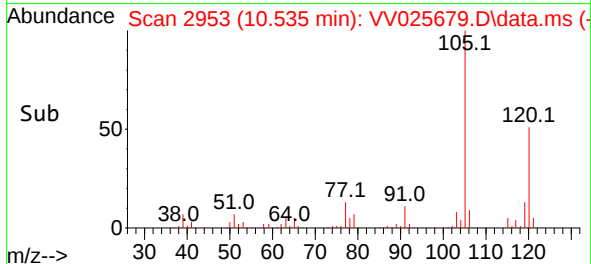
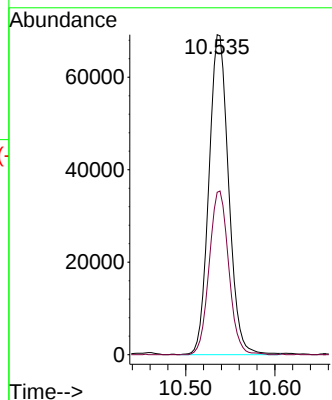
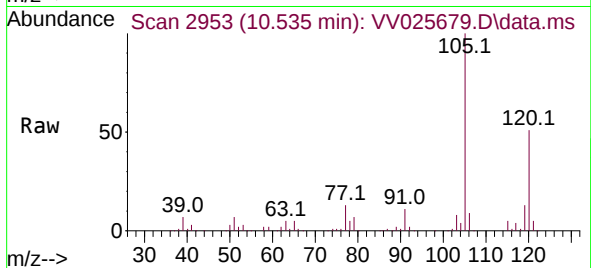
VSTD005390

Tgt Ion:105 Resp: 106180

Ion Ratio Lower Upper

105 100

120 50.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.926 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025679.D

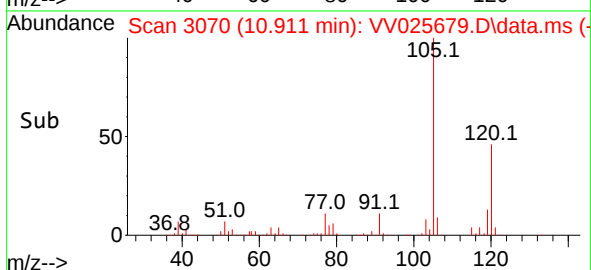
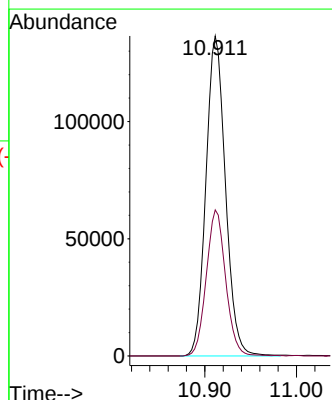
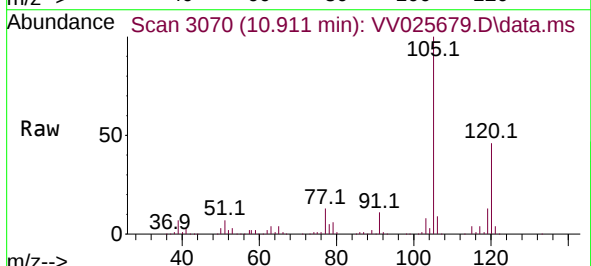
Acq: 22 Apr 2022 13:57

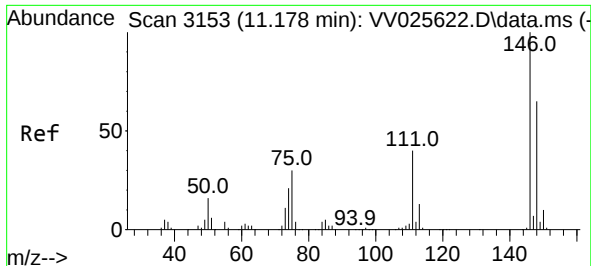
Tgt Ion:105 Resp: 201979

Ion Ratio Lower Upper

105 100

120 45.2 36.6 55.0

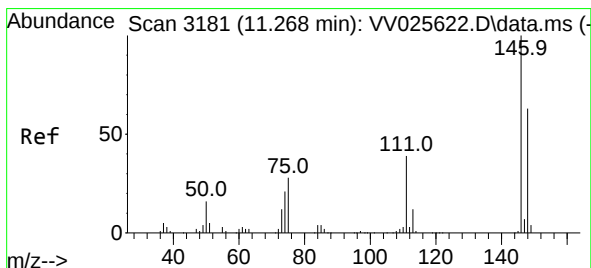
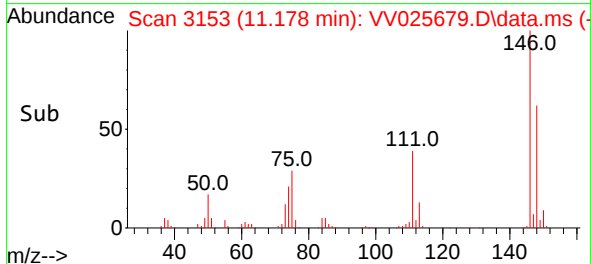
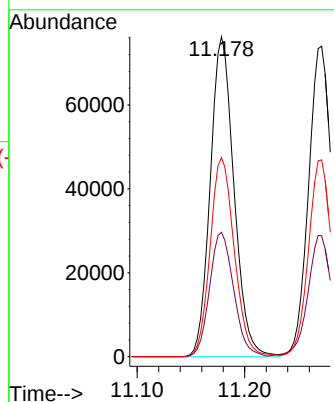
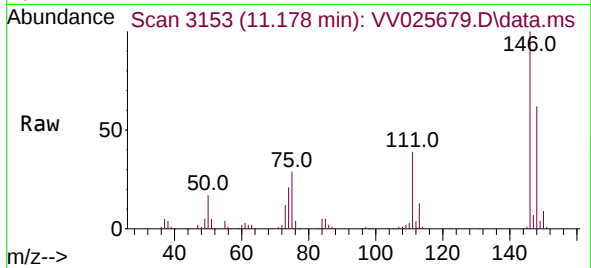




#64
1,3-Dichlorobenzene
Concen: 4.902 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

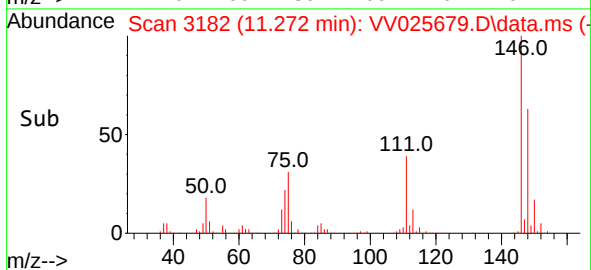
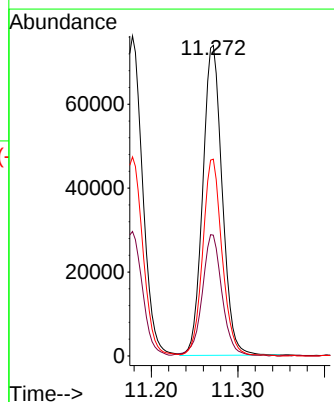
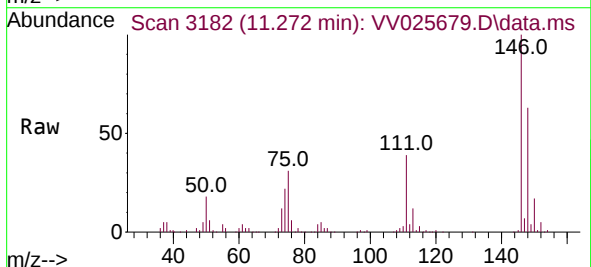
Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

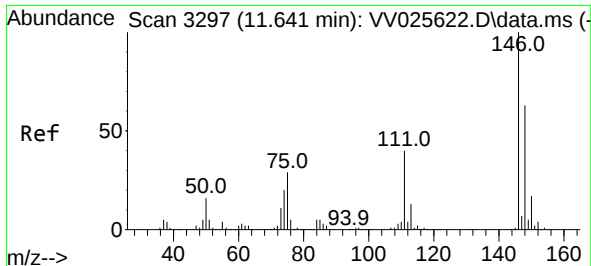
Tgt Ion:146 Resp: 116771
Ion Ratio Lower Upper
146 100
111 38.9 27.4 50.8
148 62.2 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.770 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:146 Resp: 115355
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.7
148 63.4 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.896 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005390

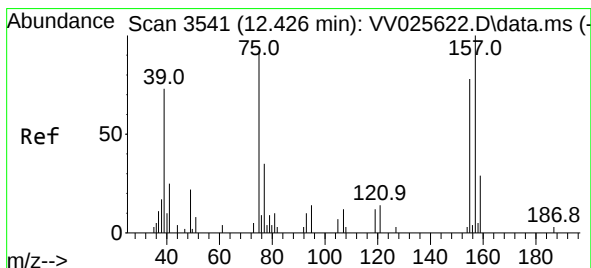
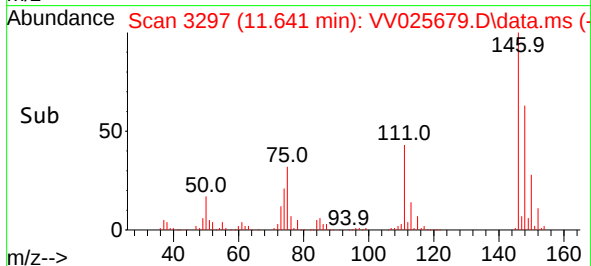
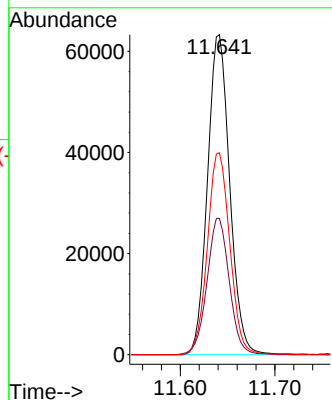
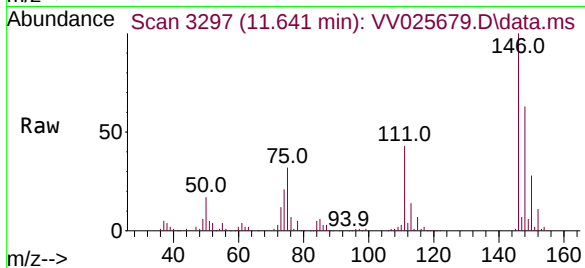
Tgt Ion:146 Resp: 103297

Ion Ratio Lower Upper

146 100

111 42.6 33.6 50.4

148 63.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.384 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025679.D

Acq: 22 Apr 2022 13:57

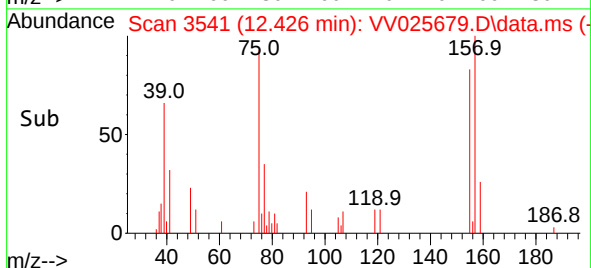
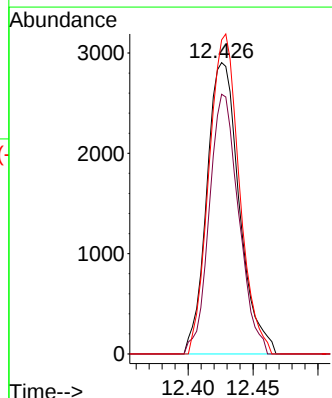
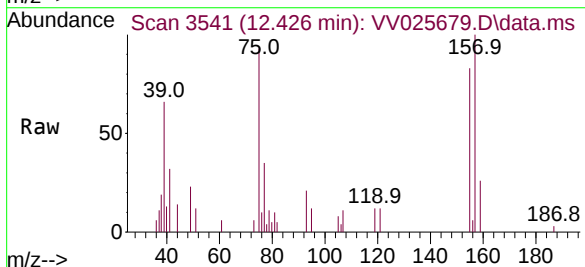
Tgt Ion: 75 Resp: 5055

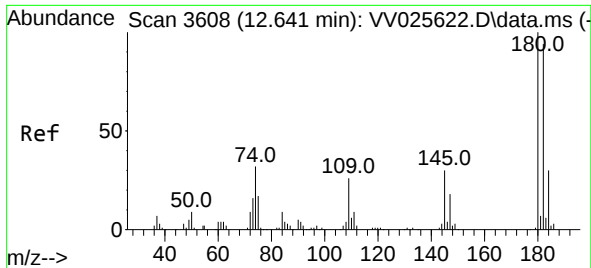
Ion Ratio Lower Upper

75 100

155 89.1 65.8 98.8

157 107.8 86.6 130.0

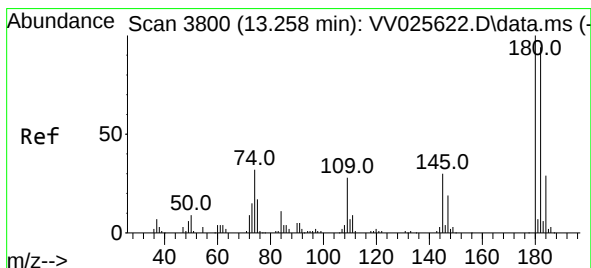
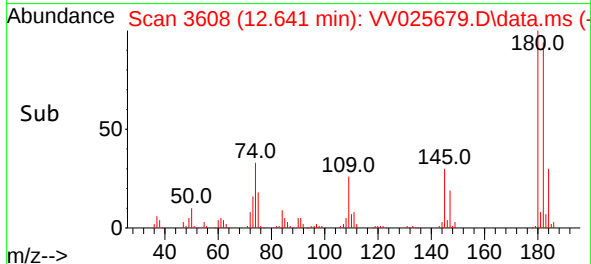
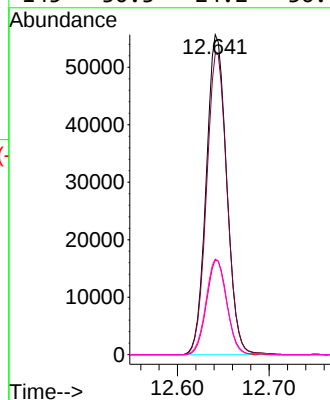
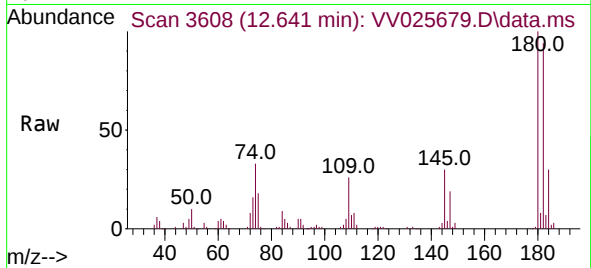




#69
 1,3,5-Trichlorobenzene
 Concen: 4.751 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

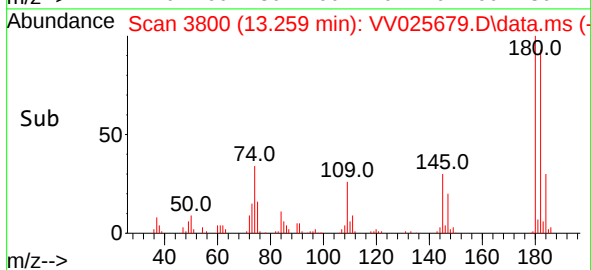
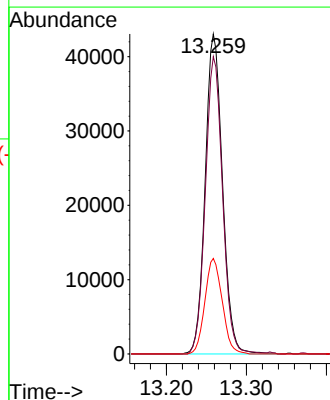
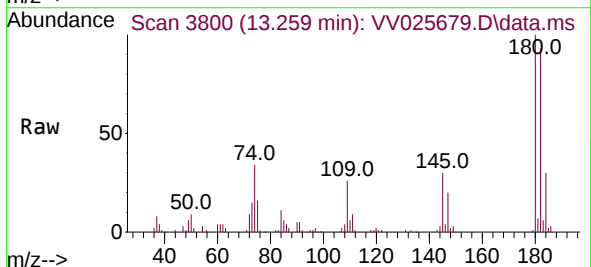
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

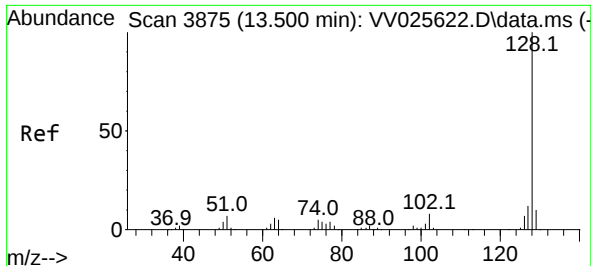
Tgt Ion:180 Resp: 86118
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.3 112.9
 184 29.6 23.4 35.2
 145 30.3 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.647 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025679.D
 Acq: 22 Apr 2022 13:57

Tgt Ion:180 Resp: 64933
 Ion Ratio Lower Upper
 180 100
 182 92.3 76.6 114.8
 145 29.9 24.6 36.8

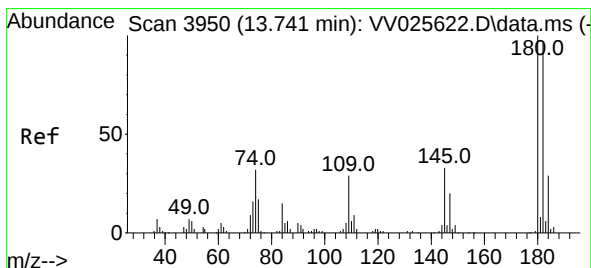
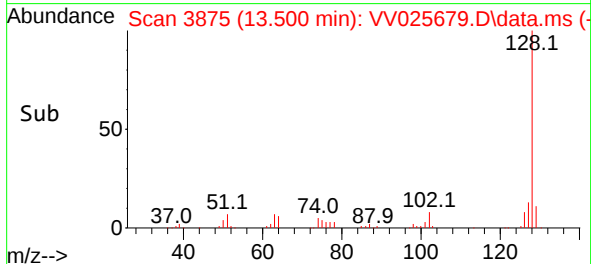
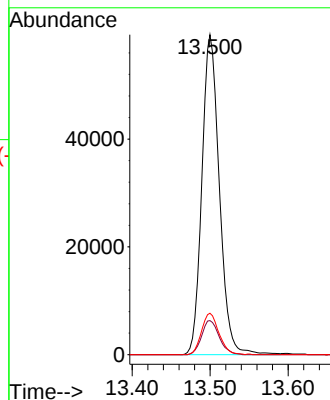
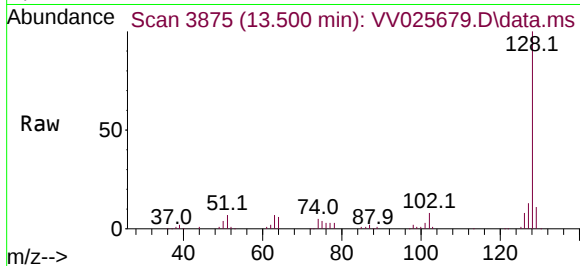




#71
Naphthalene
Concen: 4.514 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005390

Tgt Ion:128	Resp:	92521
Ion	Ratio	Lower Upper
128	100	
129	10.7	8.8 13.2
127	12.9	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.738 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025679.D
Acq: 22 Apr 2022 13:57

Tgt Ion:180	Resp:	54817
Ion	Ratio	Lower Upper
180	100	
182	93.1	77.7 116.5
145	32.4	27.4 41.2

