

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024233.D
 Acq On : 30 Dec 2021 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Dec 31 03:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	81072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	85777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33380	5.474	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.400%		
7) Chloroethane-d5	1.564	69	26252	5.162	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.200%		
11) 1,1-Dichloroethene-d2	2.108	63	81206	5.479	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.600%		
20) 2-Butanone-d5	3.902	46	37890	55.938	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.880%		
24) Chloroform-d	4.342	84	68621	5.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.000%		
26) 1,2-Dichloroethane-d4	5.030	65	32583	5.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.400%		
32) Benzene-d6	5.047	84	123425	5.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.600%		
36) 1,2-Dichloropropane-d6	6.066	67	32098	5.059	ug/L	0.00
41) Toluene-d8	7.310	98	124558	5.456	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.200%		
43) trans-1,3-Dichloroprop...	7.619	79	14693	5.469	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.400%		
46) 2-Hexanone-d5	8.088	63	52487	58.100	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.200%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25184	5.813	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 116.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	47400	5.162	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	106757	5.697	ug/L	100
3) Chloromethane	1.240	50	71174	5.026	ug/L	96
5) Vinyl chloride	1.307	62	78714	5.431	ug/L	99
6) Bromomethane	1.519	94	44906	4.856	ug/L	99
8) Chloroethane	1.584	64	47285	5.612	ug/L	98
9) Trichlorofluoromethane	1.751	101	138775	5.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	66226	5.857	ug/L	99
12) 1,1-Dichloroethene	2.114	96	64588	5.802	ug/L	89
13) Acetone	2.195	43	43243	44.983	ug/L	90
14) Carbon disulfide	2.291	76	198419	5.516	ug/L	99
15) Methyl Acetate	2.439	43	12138	5.085	ug/L	93
16) Methylene chloride	2.503	84	64127	5.390	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	127507	5.665	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	68087	5.759	ug/L	99
19) 1,1-Dichloroethane	3.185	63	108249	5.501	ug/L	99
21) 2-Butanone	3.979	43	73358	57.999	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	66428	5.678	ug/L	98
23) Bromochloromethane	4.243	128	31174	5.576	ug/L #	90
25) Chloroform	4.368	83	122750	5.582	ug/L	99
27) 1,2-Dichloroethane	5.124	62	69851	5.675	ug/L	100

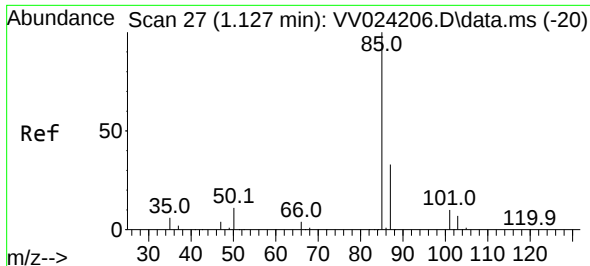
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 Data File : VV024233.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.603	97	121592	5.621	ug/L	100
30) Cyclohexane	4.670	56	92678	5.760	ug/L	96
31) Carbon tetrachloride	4.821	117	115044	5.735	ug/L	99
33) Benzene	5.092	78	245778	5.462	ug/L	100
34) Trichloroethene	5.908	95	69797	5.497	ug/L	97
35) Methylcyclohexane	6.127	83	106358	5.784	ug/L	96
37) 1,2-Dichloropropane	6.169	63	55688	5.367	ug/L	99
38) Bromodichloromethane	6.506	83	82918	5.577	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	84328	5.607	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	274842	55.419	ug/L	97
42) Toluene	7.384	91	290471	5.784	ug/L	96
44) trans-1,3-Dichloropropene	7.648	75	74353	5.789	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	41995	5.459	ug/L	98
47) Tetrachloroethene	7.972	164	64972	5.751	ug/L	99
48) 2-Hexanone	8.140	43	202439	55.775	ug/L #	96
49) Dibromochloromethane	8.242	129	59108	5.713	ug/L	99
50) 1,2-Dibromoethane	8.349	107	39772	5.441	ug/L	98
51) Chlorobenzene	8.879	112	186320	5.600	ug/L	98
52) Ethylbenzene	9.008	91	309845	5.803	ug/L	100
53) m,p-xylene	9.136	106	124758	5.891	ug/L	98
54) o-xylene	9.541	106	119326	5.884	ug/L	100
55) Styrene	9.558	104	204760	5.993	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	42327	5.678	ug/L	99
59) Bromoform	9.731	173	33254	5.841	ug/L	97
60) Isopropylbenzene	9.931	105	326439	5.845	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	32787	5.246	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	273694	5.812	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	283574	5.908	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	164211	5.675	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	161654	5.637	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	145119	5.541	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7142	5.298	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	134496	5.837	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	102990	5.804	ug/L	97
71) Naphthalene	13.500	128	144159	5.472	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	92542	5.930	ug/L	98

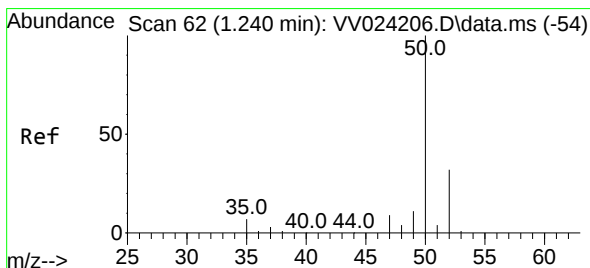
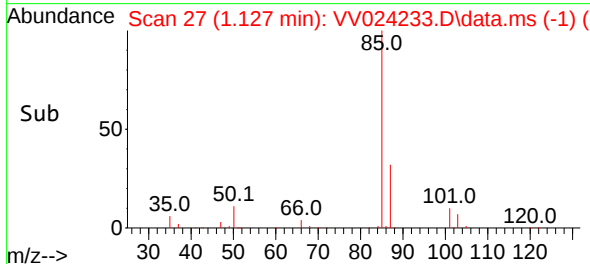
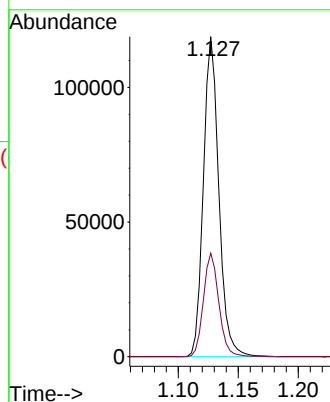
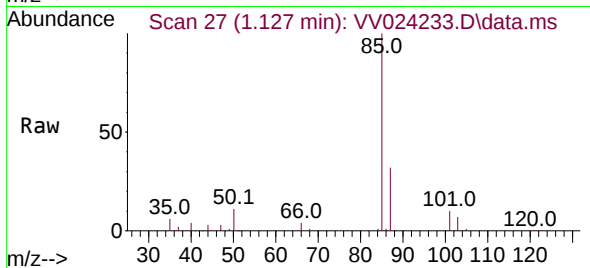
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#2
 Dichlorodifluoromethane
 Concen: 5.697 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

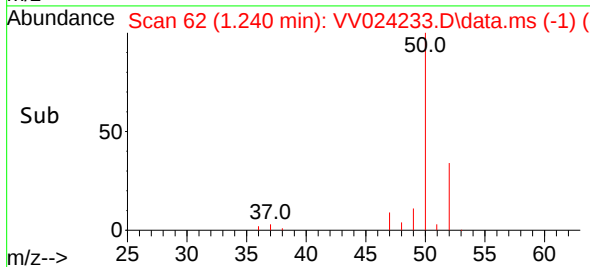
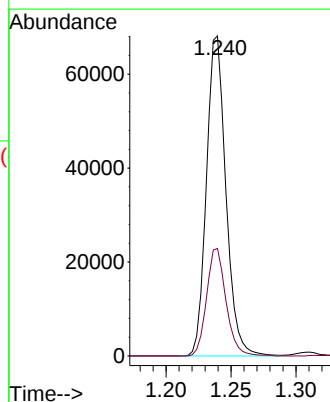
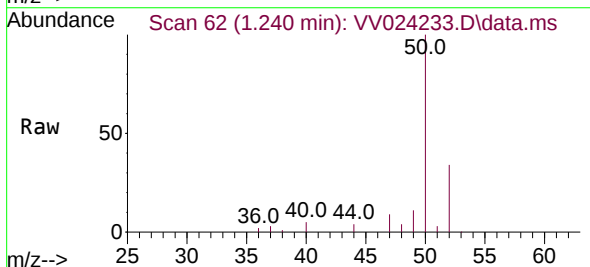
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

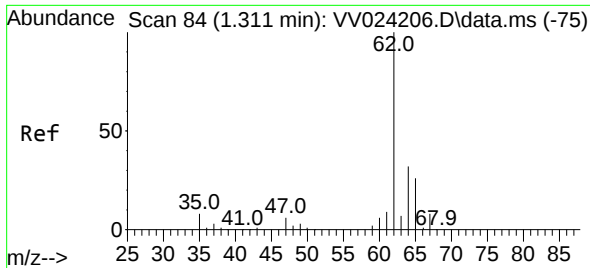
Tgt Ion: 85 Resp: 106757
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 5.026 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Tgt Ion: 50 Resp: 71174
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.0 41.0

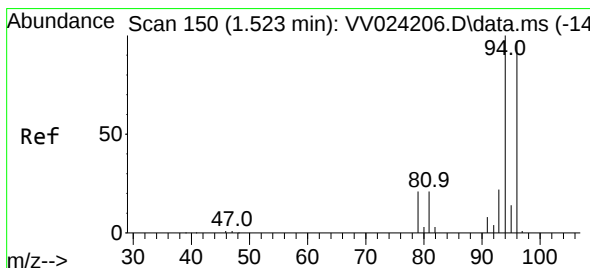
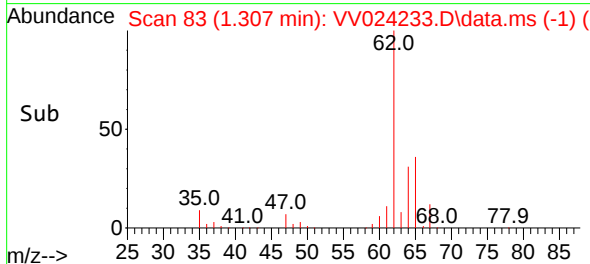
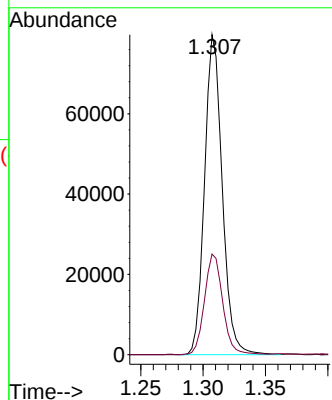
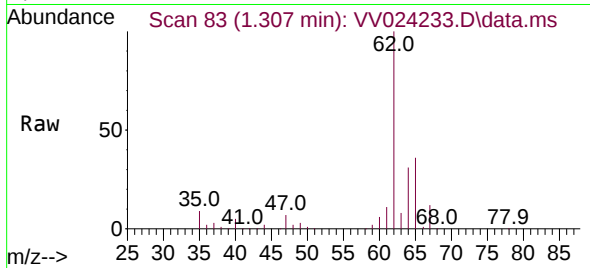




#5
 Vinyl chloride
 Concen: 5.431 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

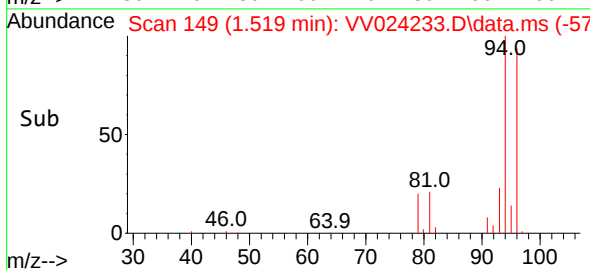
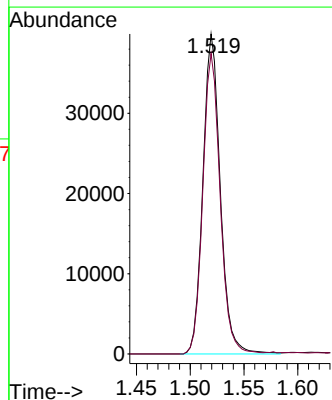
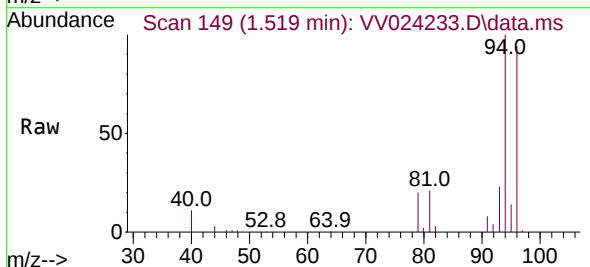
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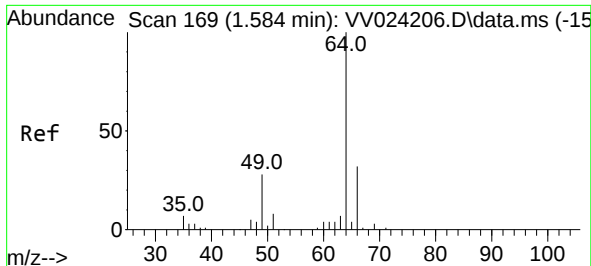
Tgt Ion: 62 Resp: 78714
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.4 41.6



#6
 Bromomethane
 Concen: 4.856 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.004 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Tgt Ion: 94 Resp: 44906
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.2 123.0

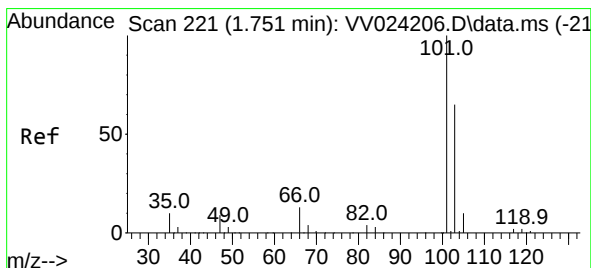
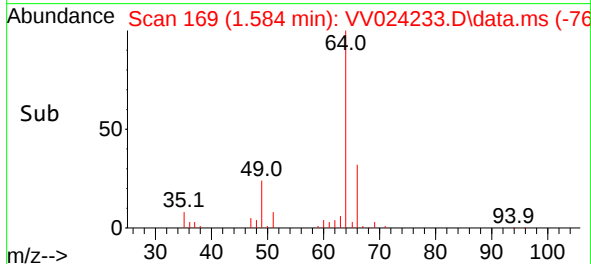
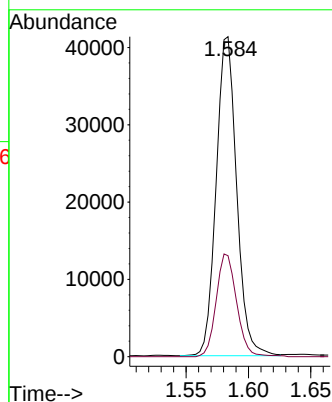
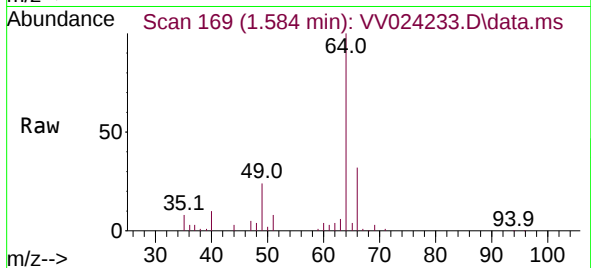




#8
Chloroethane
Concen: 5.612 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

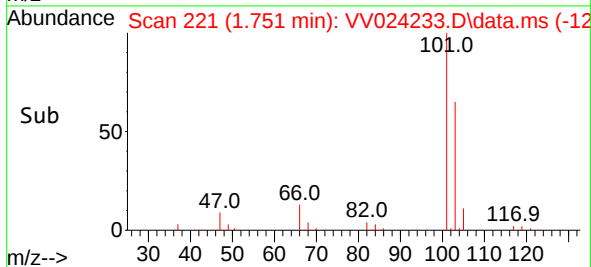
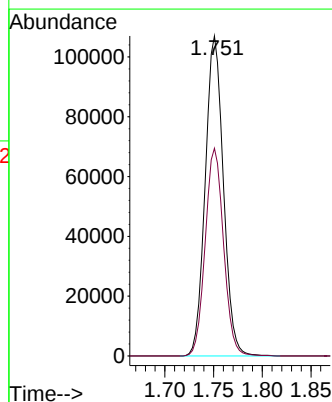
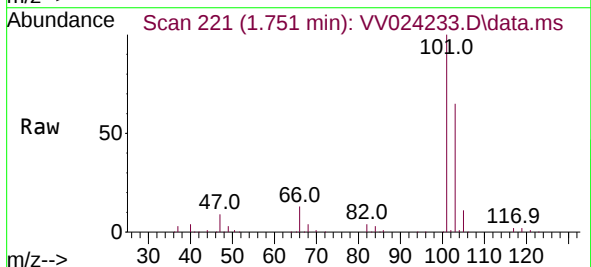
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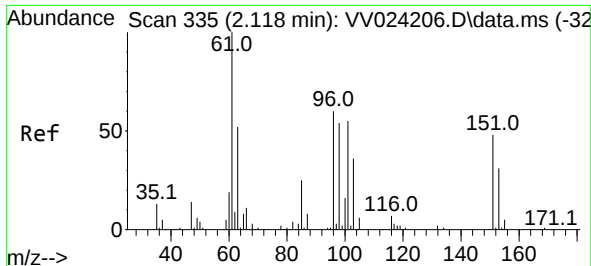
Tgt Ion: 64 Resp: 47285
Ion Ratio Lower Upper
64 100
66 31.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.891 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion:101 Resp: 138775
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

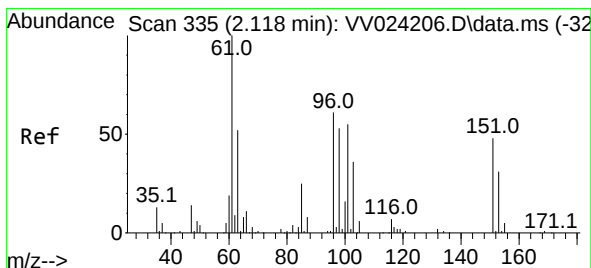
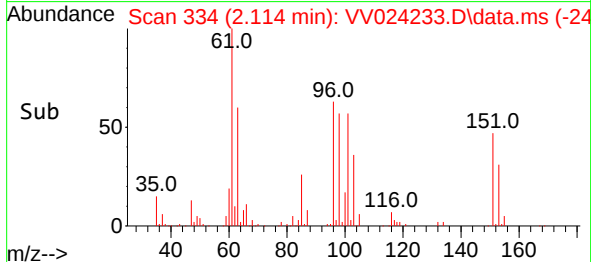
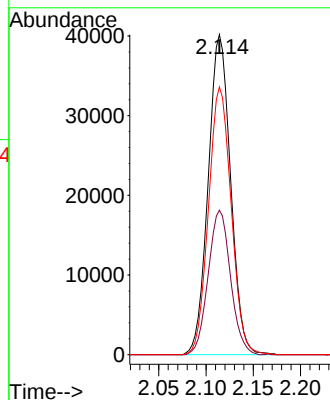
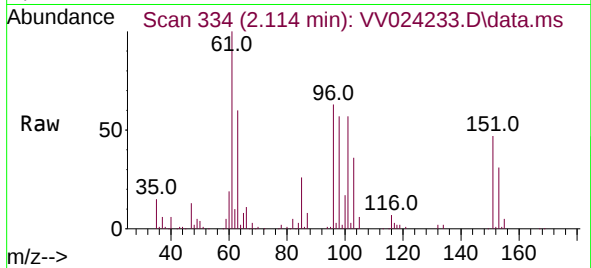




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.857 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

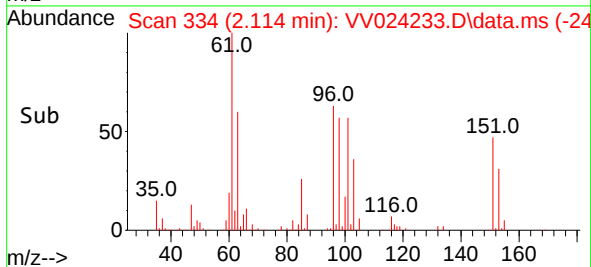
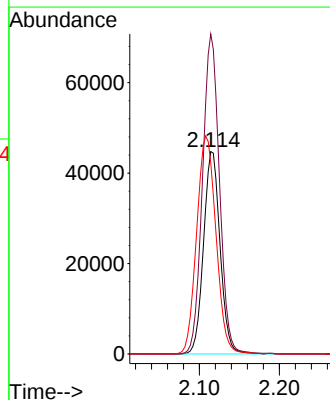
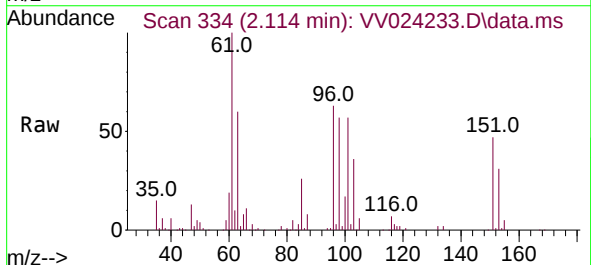
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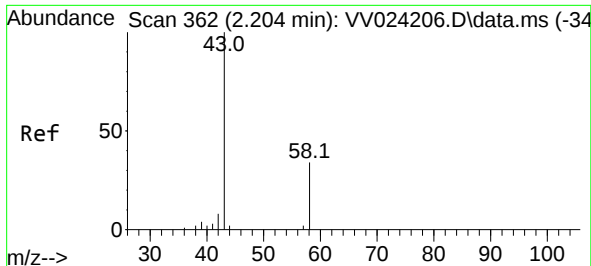
Tgt Ion:101 Resp: 66226
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 84.8 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.802 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Tgt Ion: 96 Resp: 64588
 Ion Ratio Lower Upper
 96 100
 61 158.1 116.1 215.5
 63 94.5 79.4 147.4





#13

Acetone

Concen: 44.983 ug/L

RT: 2.195 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

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ClientSampleId :

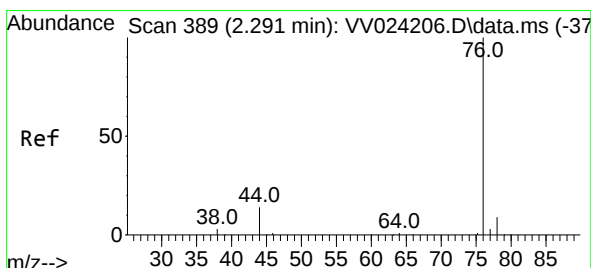
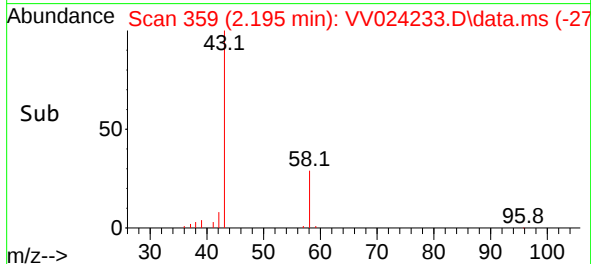
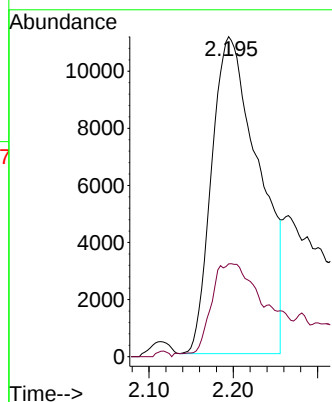
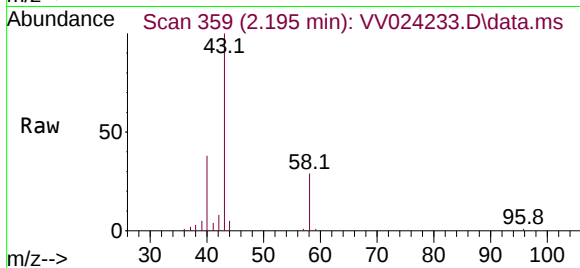
VSTD005289

Tgt Ion: 43 Resp: 43243

Ion Ratio Lower Upper

43 100

58 25.5 0.0 41.4



#14

Carbon disulfide

Concen: 5.516 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024233.D

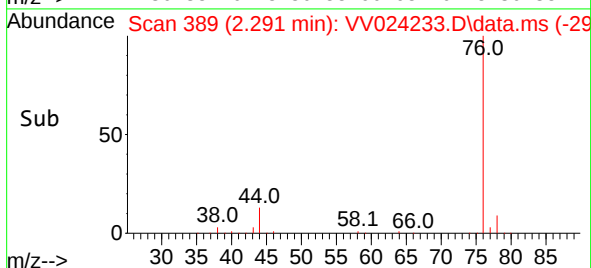
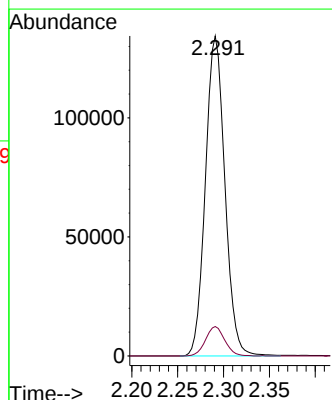
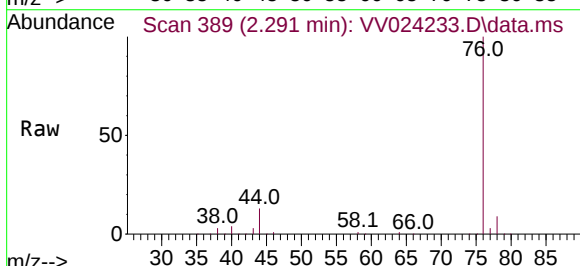
Acq: 30 Dec 2021 09:34

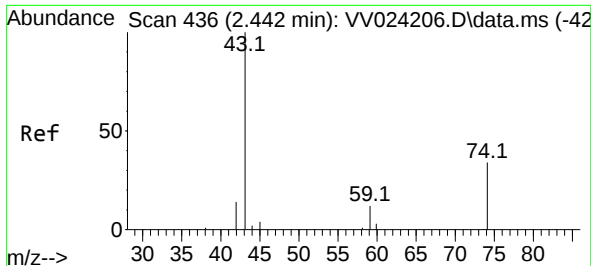
Tgt Ion: 76 Resp: 198419

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 5.085 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

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ClientSampleId :

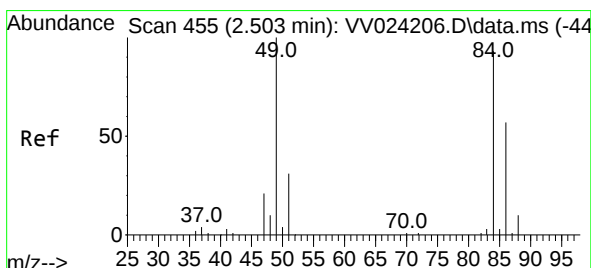
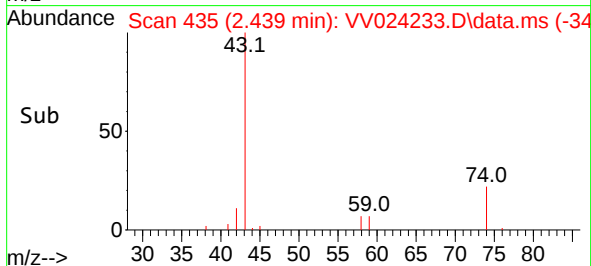
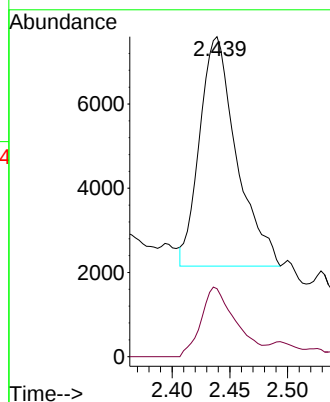
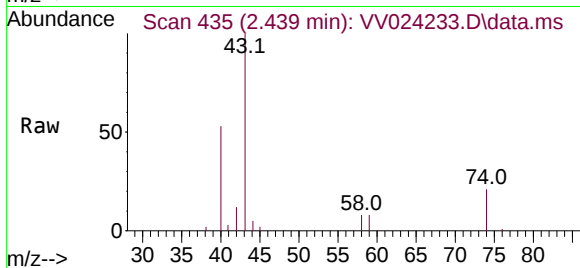
VSTD005289

Tgt Ion: 43 Resp: 12138

Ion Ratio Lower Upper

43 100

74 28.6 20.2 30.2



#16

Methylene chloride

Concen: 5.390 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

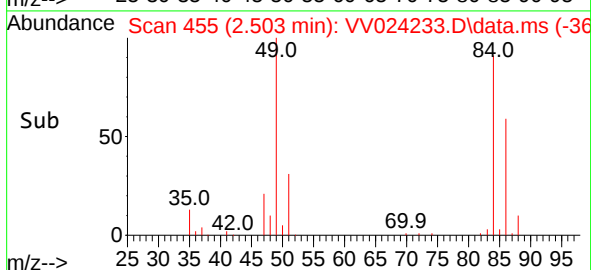
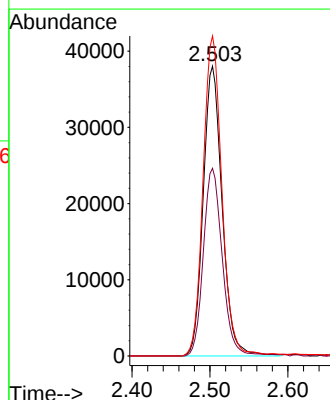
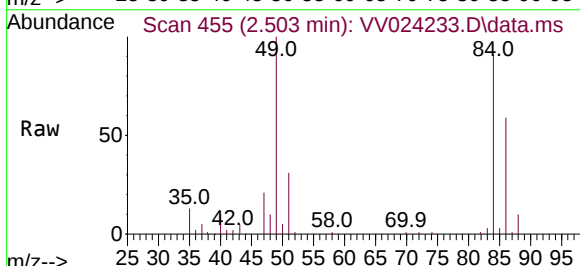
Tgt Ion: 84 Resp: 64127

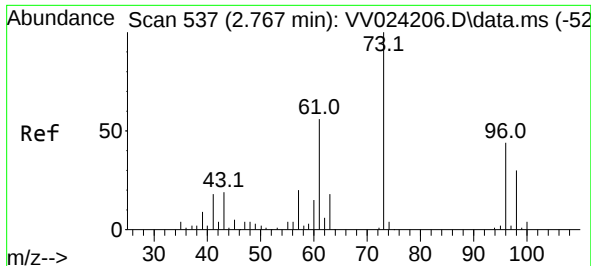
Ion Ratio Lower Upper

84 100

86 64.8 42.6 79.0

49 110.4 79.7 147.9

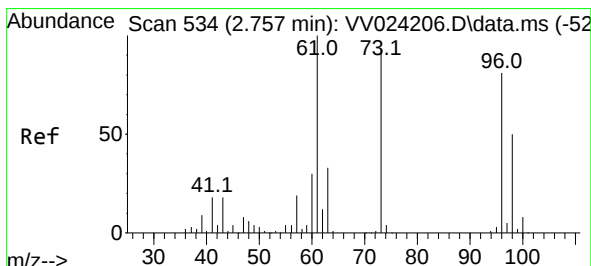
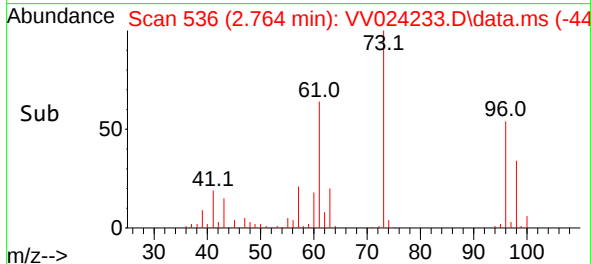
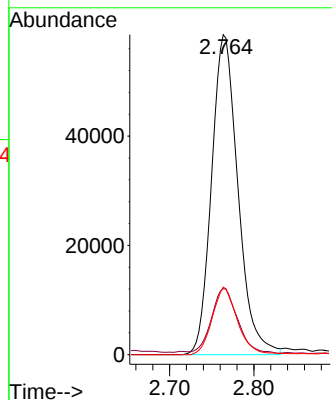
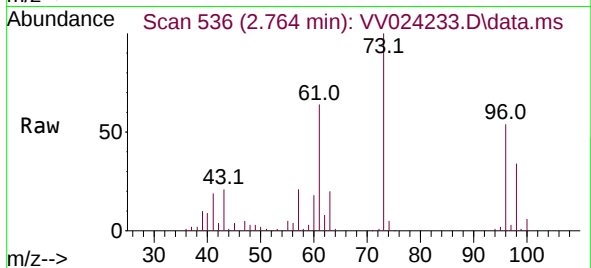




#17
Methyl tert-butyl Ether
Concen: 5.665 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

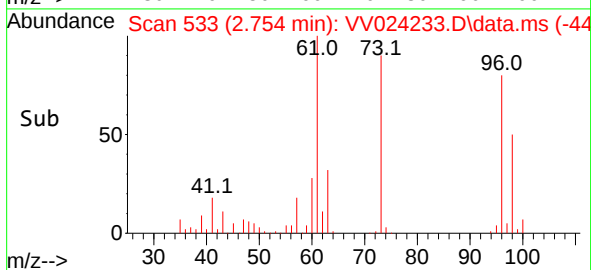
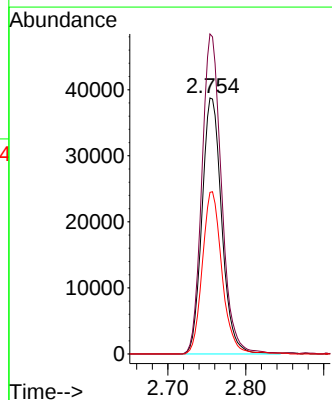
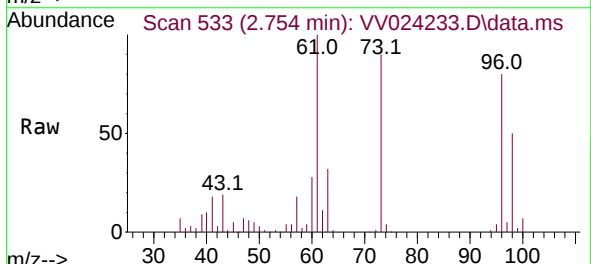
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

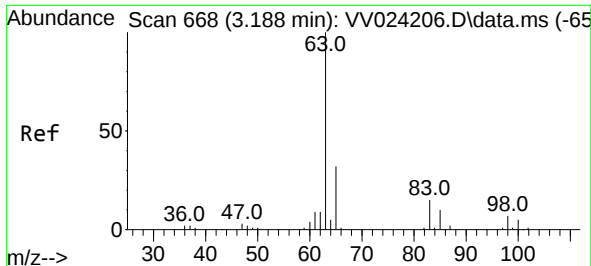
Tgt Ion: 73 Resp: 127507
Ion Ratio Lower Upper
73 100
43 19.9 15.5 23.3
57 20.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.759 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.007 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion: 96 Resp: 68087
Ion Ratio Lower Upper
96 100
61 125.0 88.2 163.8
98 63.1 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.501 ug/L

RT: 3.185 min Scan# 668

Delta R.T. -0.007 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005289

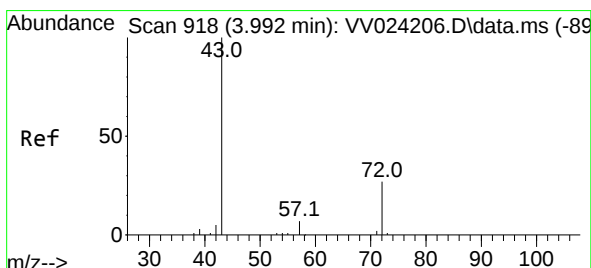
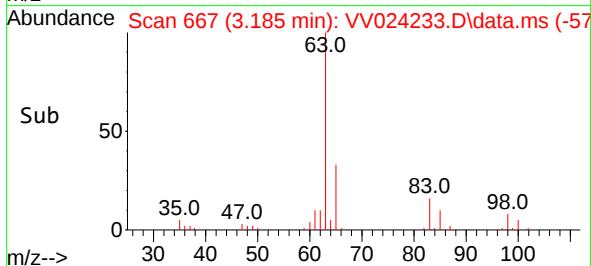
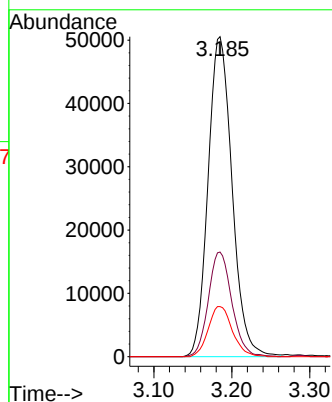
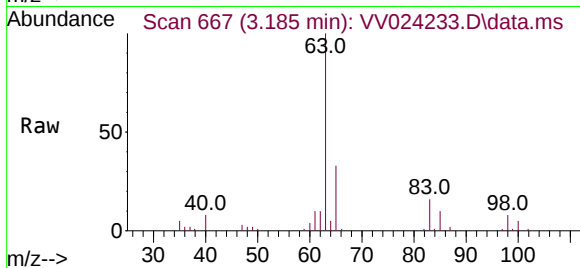
Tgt Ion: 63 Resp: 108249

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 15.7 10.7 19.9



#21

2-Butanone

Concen: 57.999 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV024233.D

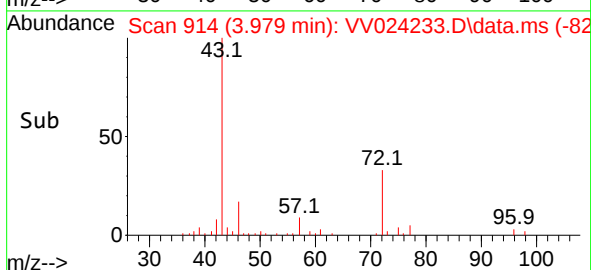
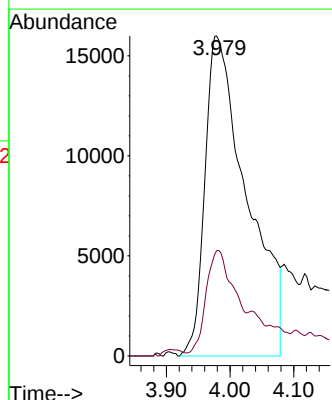
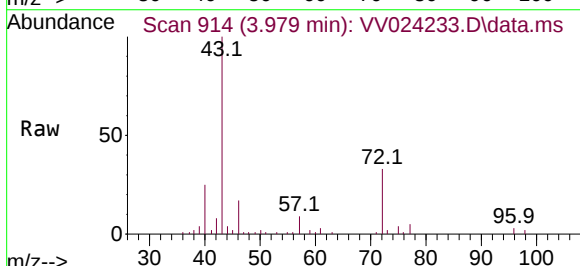
Acq: 30 Dec 2021 09:34

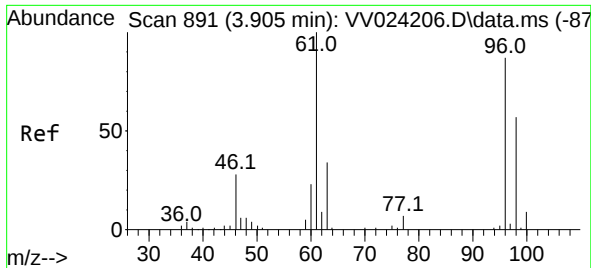
Tgt Ion: 43 Resp: 73358

Ion Ratio Lower Upper

43 100

72 21.9 11.1 33.1

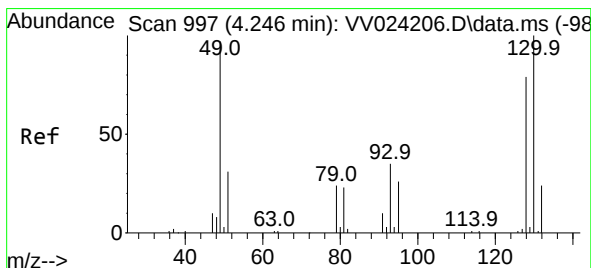
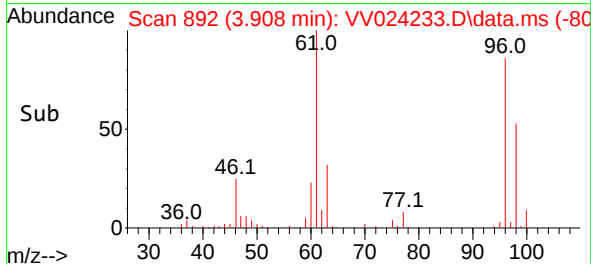
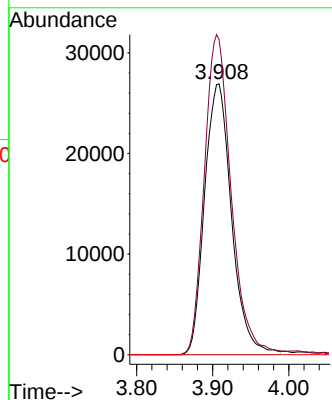
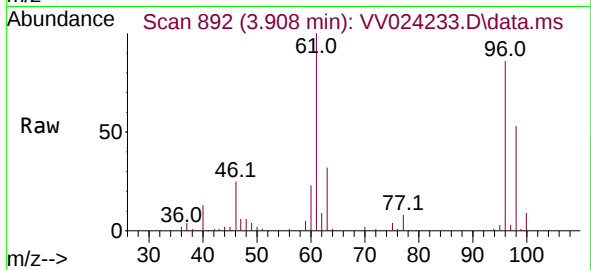




#22
 cis-1,2-Dichloroethene
 Concen: 5.678 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

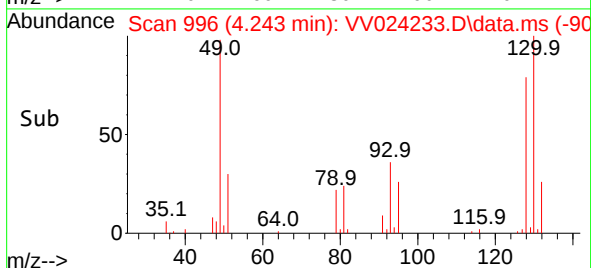
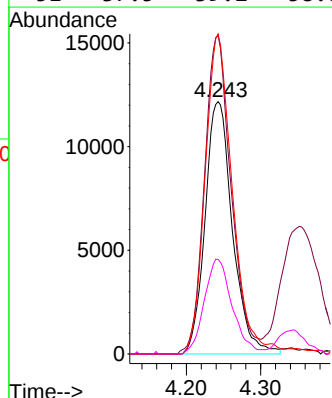
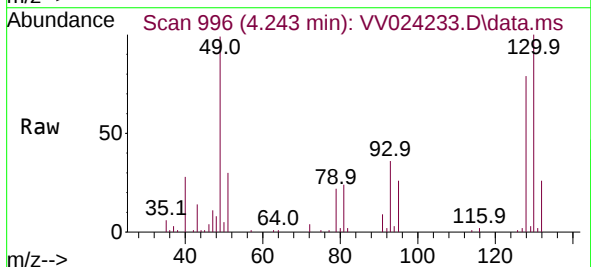
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

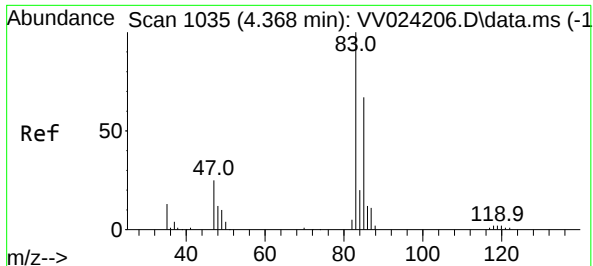
Tgt Ion: 96 Resp: 66428
 Ion Ratio Lower Upper
 96 100
 61 116.3 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.576 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.007 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Tgt Ion: 128 Resp: 31174
 Ion Ratio Lower Upper
 128 100
 49 126.2 100.2 186.2
 130 126.8 92.5 171.7
 51 37.5 39.2 58.8#





#25

Chloroform

Concen: 5.582 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

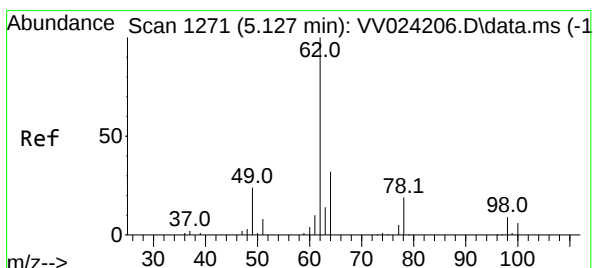
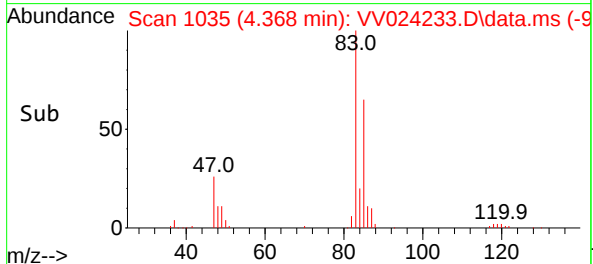
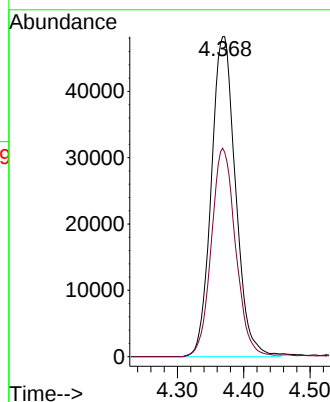
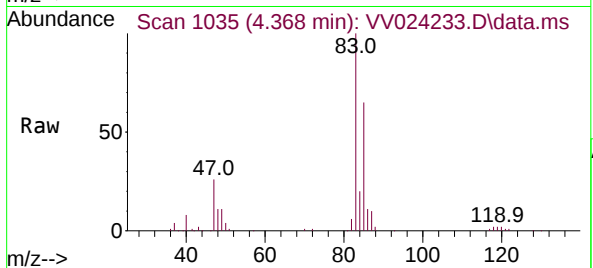
VSTD005289

Tgt Ion: 83 Resp: 122750

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.675 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.007 min

Lab File: VV024233.D

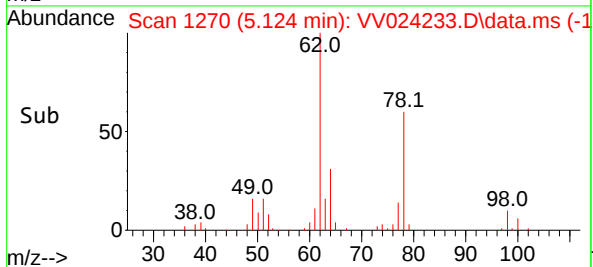
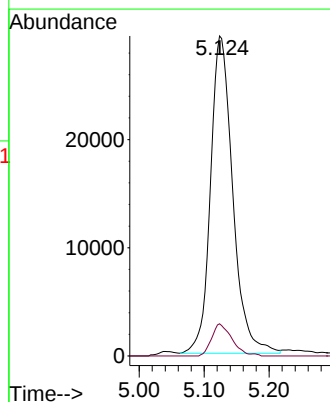
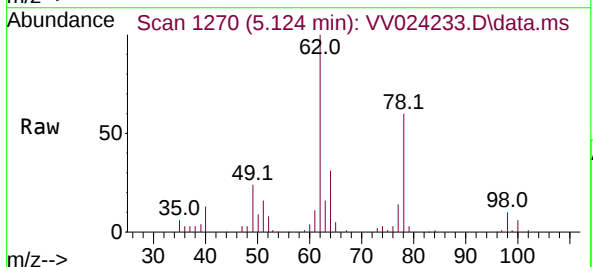
Acq: 30 Dec 2021 09:34

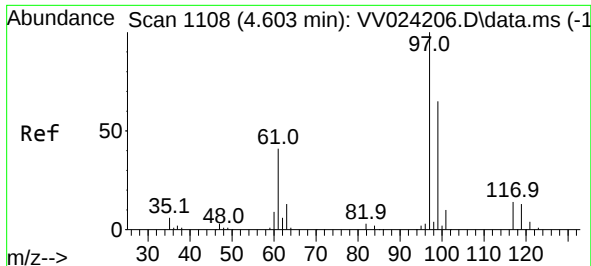
Tgt Ion: 62 Resp: 69851

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.621 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005289

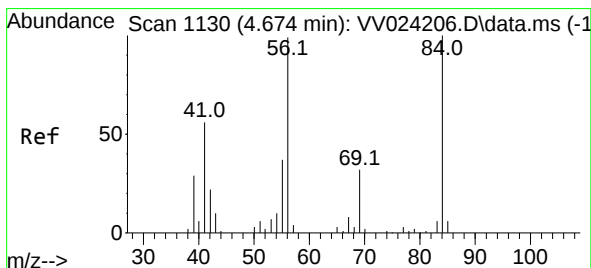
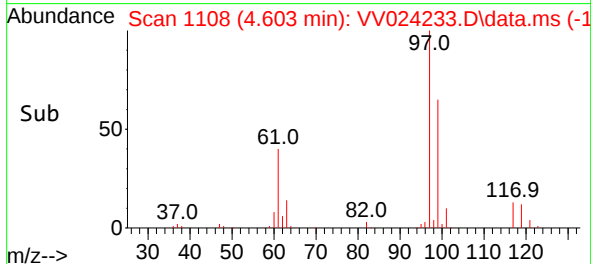
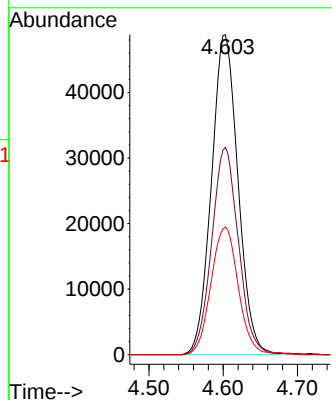
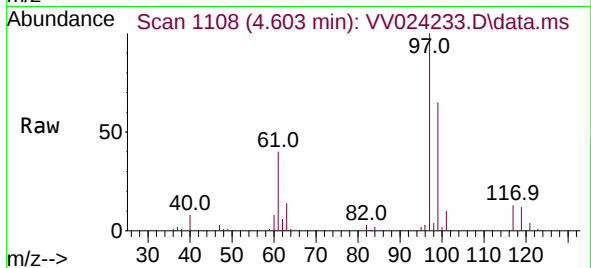
Tgt Ion: 97 Resp: 121592

Ion Ratio Lower Upper

97 100

99 65.1 51.9 77.9

61 41.0 33.2 49.8



#30

Cyclohexane

Concen: 5.760 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.007 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

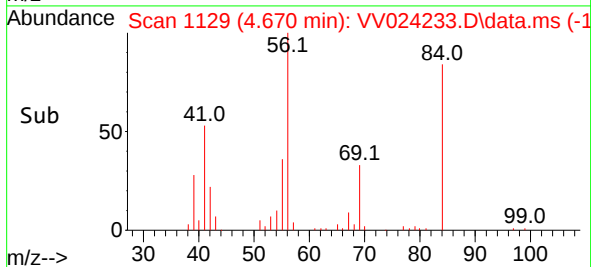
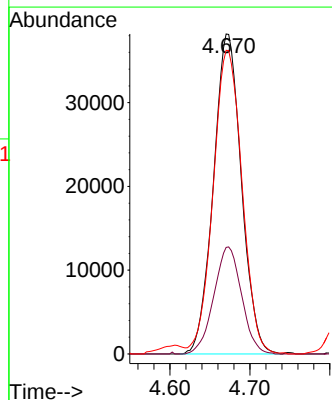
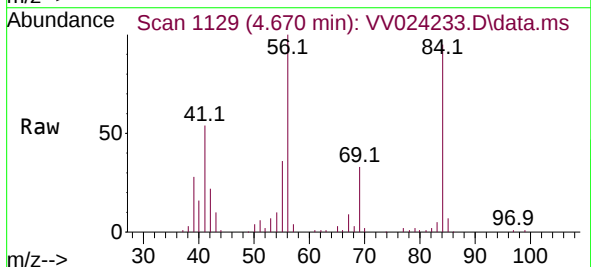
Tgt Ion: 56 Resp: 92678

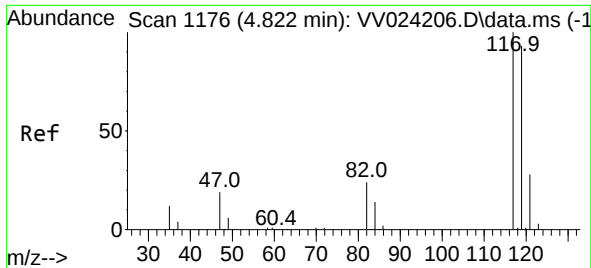
Ion Ratio Lower Upper

56 100

69 33.2 24.8 37.2

84 98.5 75.9 113.9

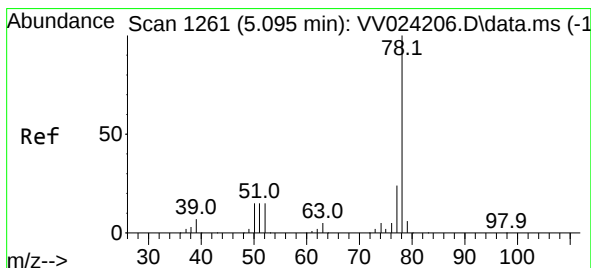
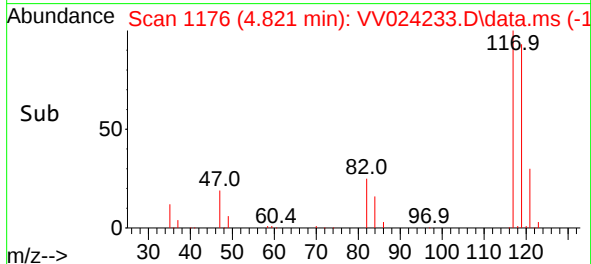
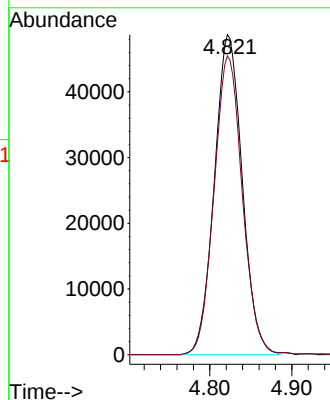
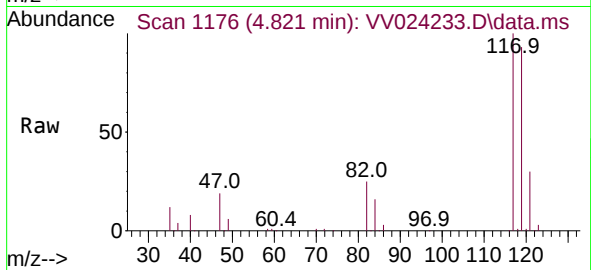




#31
Carbon tetrachloride
Concen: 5.735 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

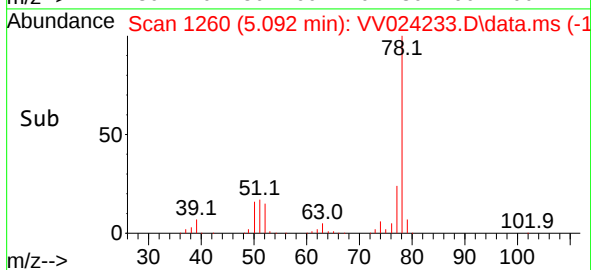
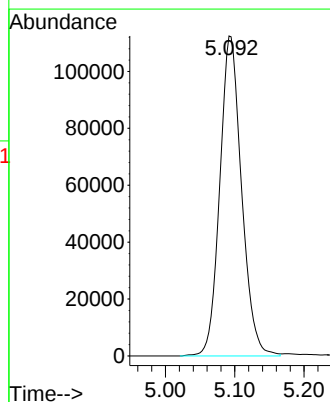
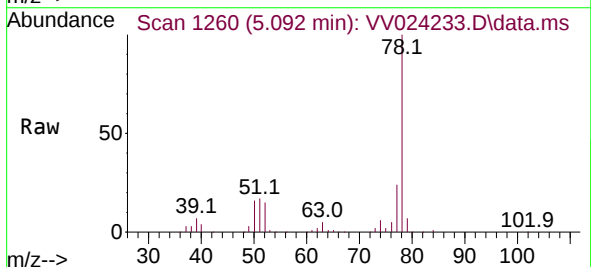
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

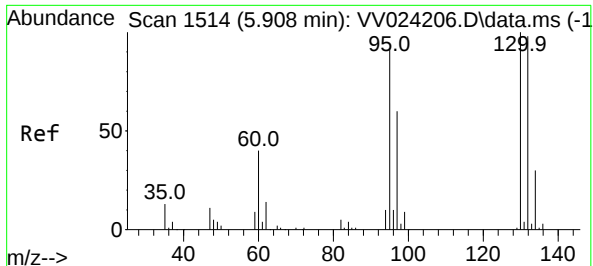
Tgt Ion:117 Resp: 115044
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8



#33
Benzene
Concen: 5.462 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.007 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion: 78 Resp: 245778

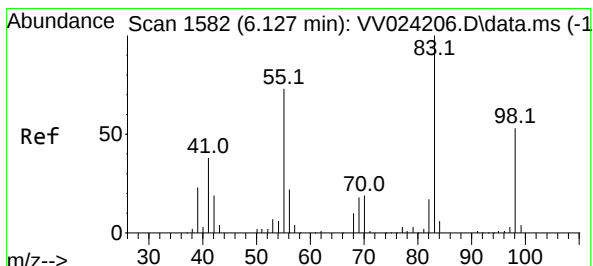
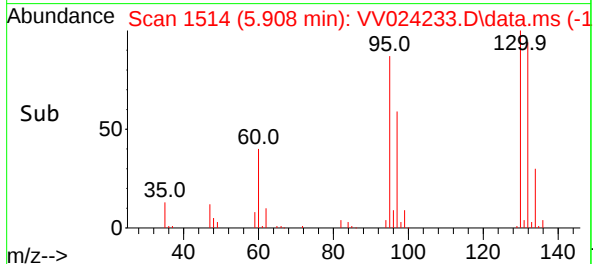
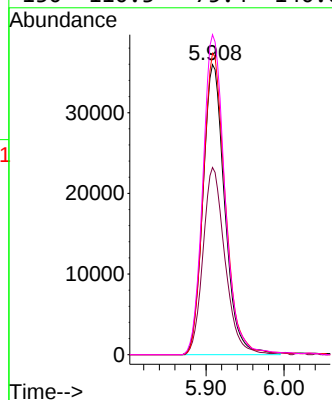
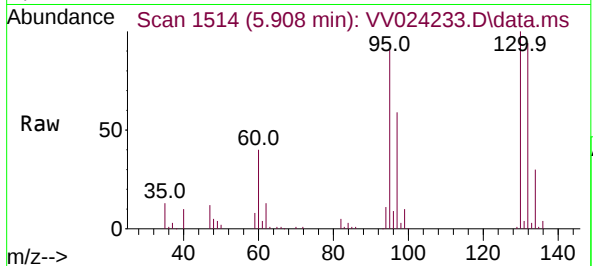




#34
Trichloroethene
Concen: 5.497 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

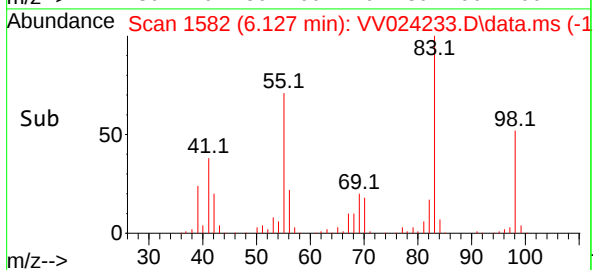
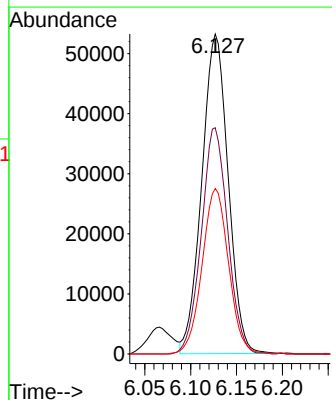
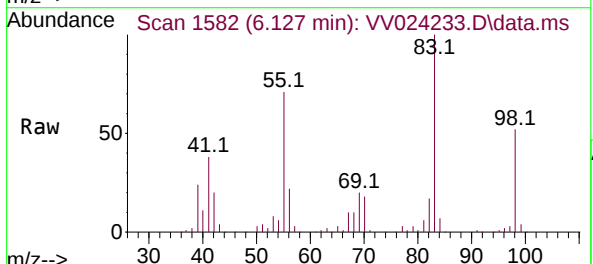
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

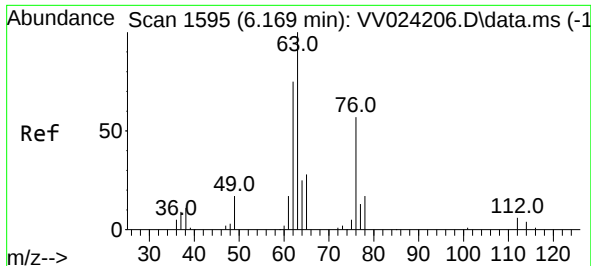
Tgt Ion: 95 Resp: 69797
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 103.9 76.1 141.3
130 110.3 75.4 140.0



#35
Methylcyclohexane
Concen: 5.784 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion: 83 Resp: 106358
Ion Ratio Lower Upper
83 100
55 70.7 60.2 90.2
98 52.0 41.0 61.4

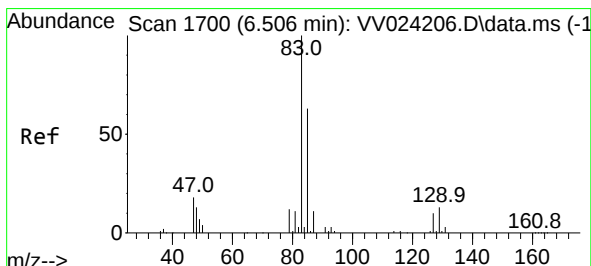
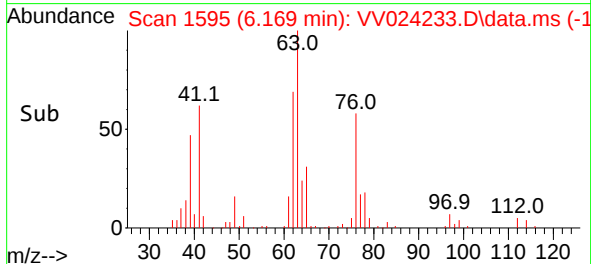
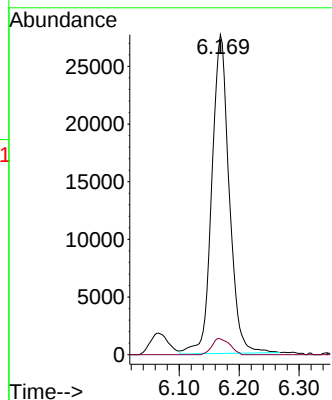
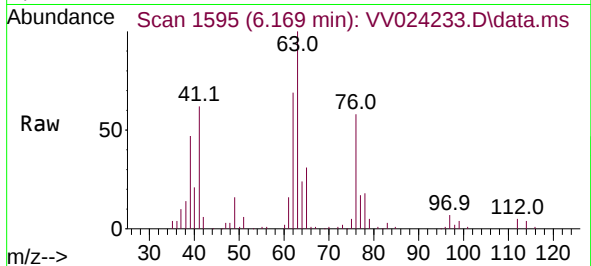




#37
1,2-Dichloropropane
Concen: 5.367 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

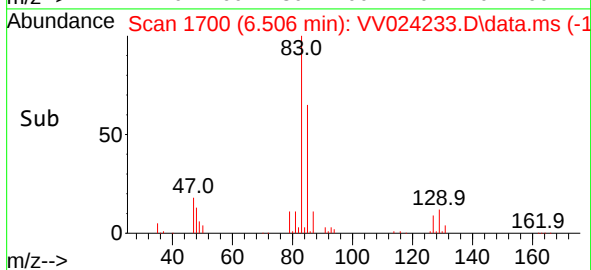
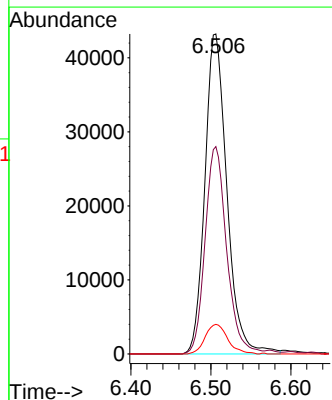
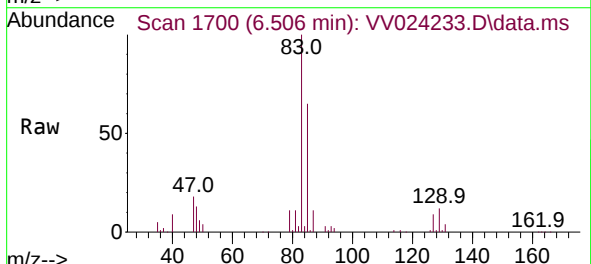
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

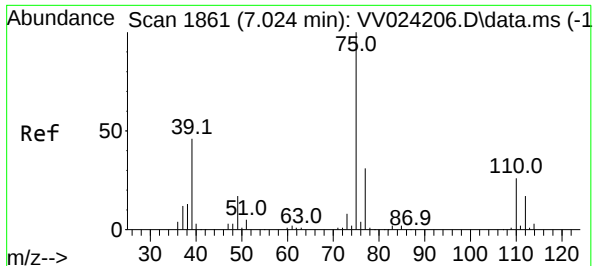
Tgt Ion: 63 Resp: 55688
Ion Ratio Lower Upper
63 100
112 5.2 4.3 6.5



#38
Bromodichloromethane
Concen: 5.577 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion: 83 Resp: 82918
Ion Ratio Lower Upper
83 100
85 64.8 44.0 81.8
127 9.3 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.607 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

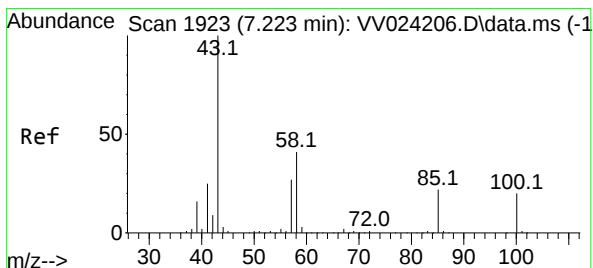
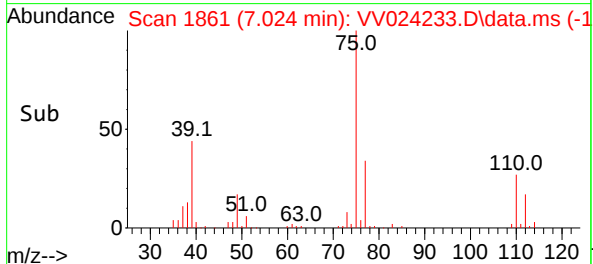
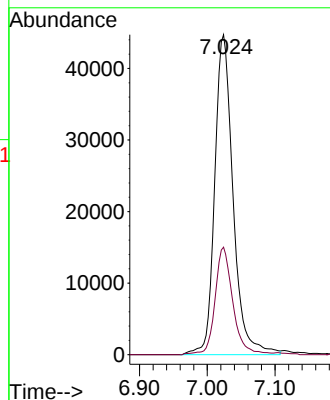
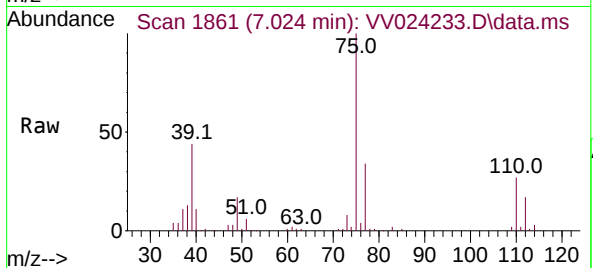
VSTD005289

Tgt Ion: 75 Resp: 84328

Ion Ratio Lower Upper

75 100

77 33.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.419 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

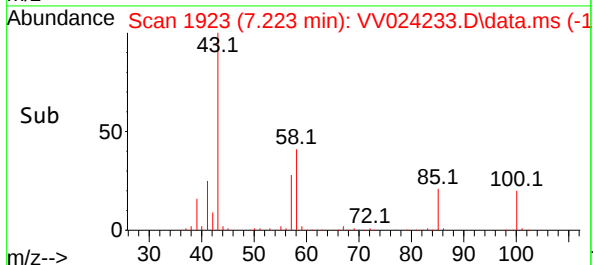
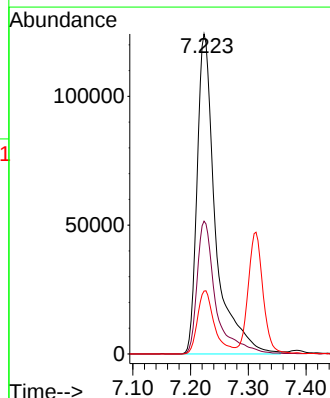
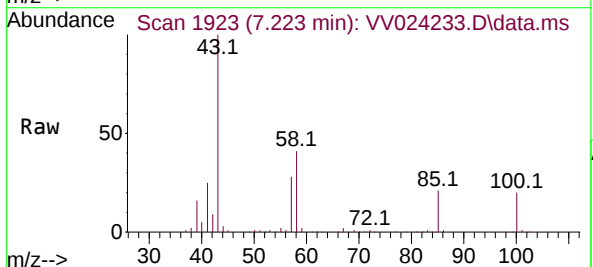
Tgt Ion: 43 Resp: 274842

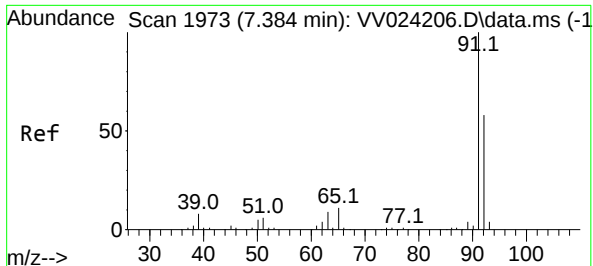
Ion Ratio Lower Upper

43 100

58 42.1 32.3 48.5

100 18.2 13.0 19.6





#42

Toluene

Concen: 5.784 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

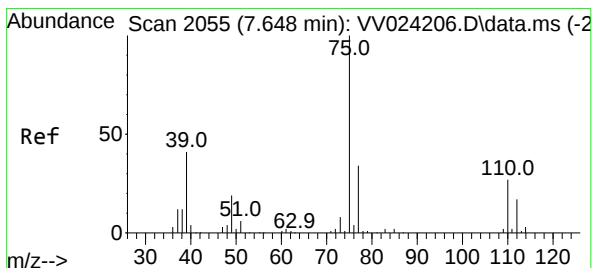
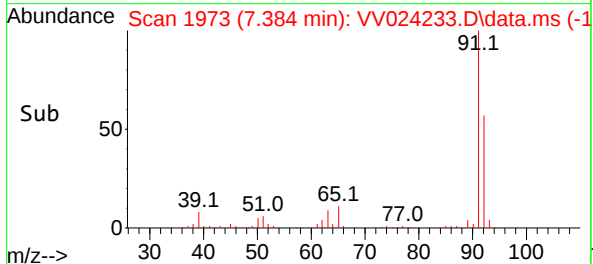
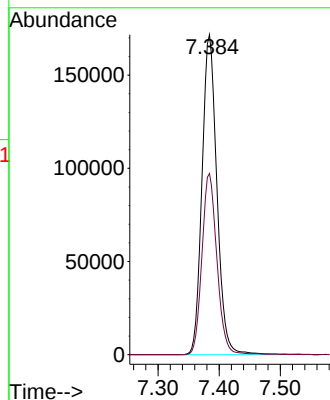
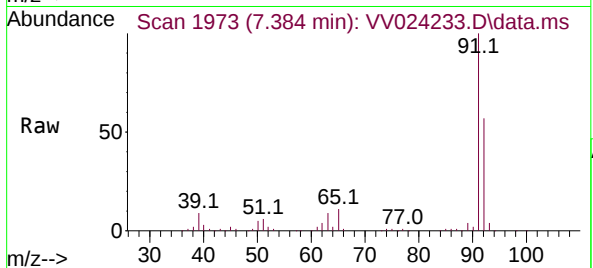
VSTD005289

Tgt Ion: 91 Resp: 290471

Ion Ratio Lower Upper

91 100

92 56.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.789 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024233.D

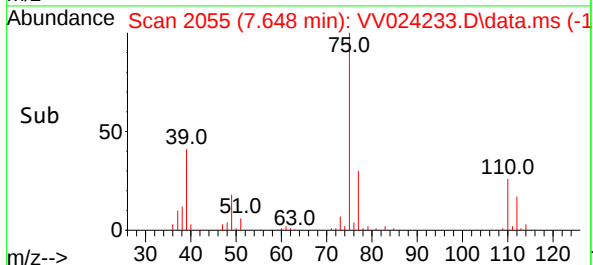
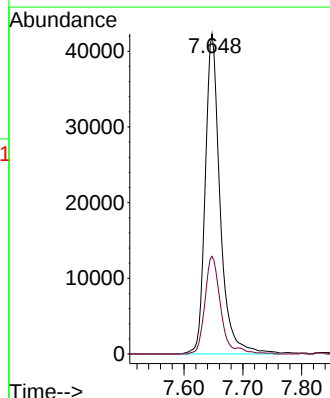
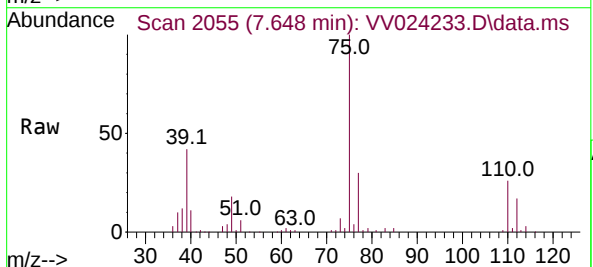
Acq: 30 Dec 2021 09:34

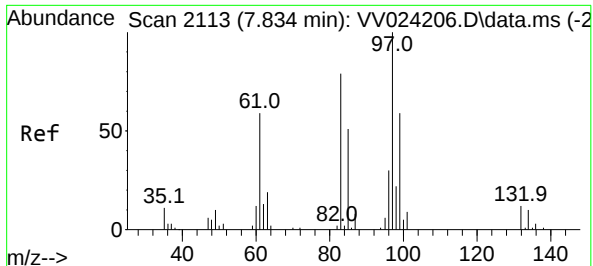
Tgt Ion: 75 Resp: 74353

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.459 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005289

Tgt Ion: 97 Resp: 41995

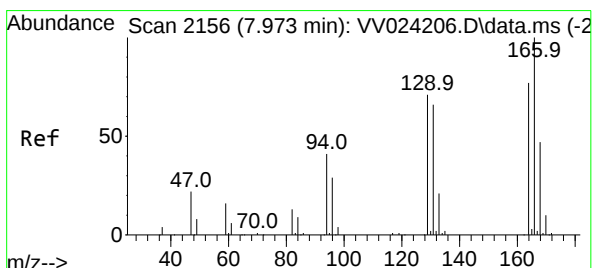
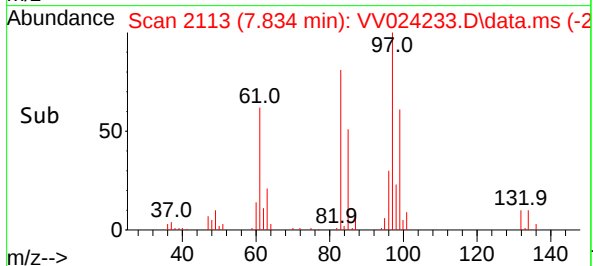
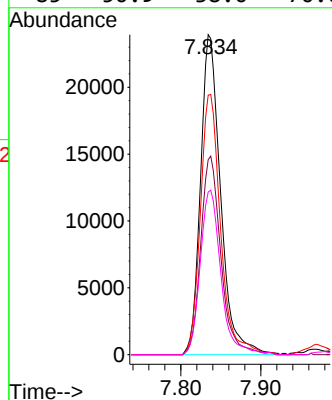
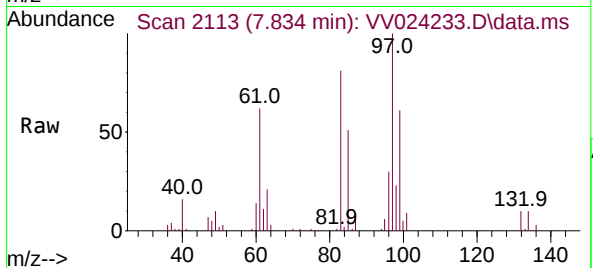
Ion Ratio Lower Upper

97 100

99 61.0 43.1 80.1

83 81.1 57.9 107.5

85 50.9 38.0 70.6



#47

Tetrachloroethene

Concen: 5.751 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Tgt Ion:164 Resp: 64972

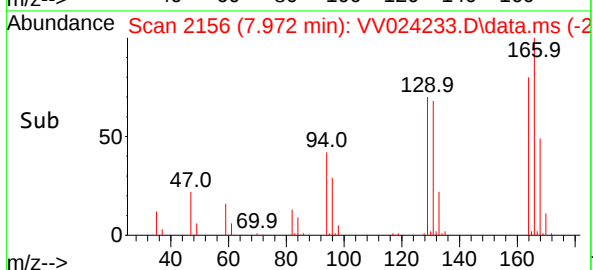
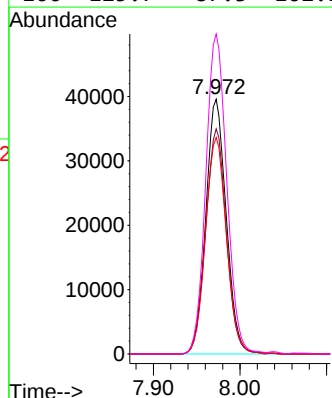
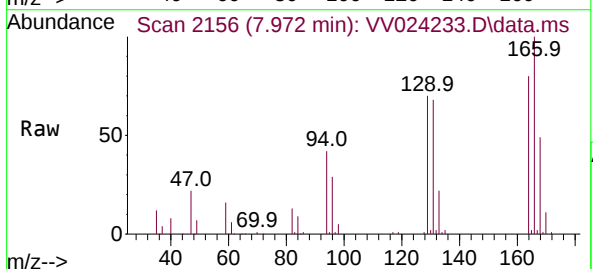
Ion Ratio Lower Upper

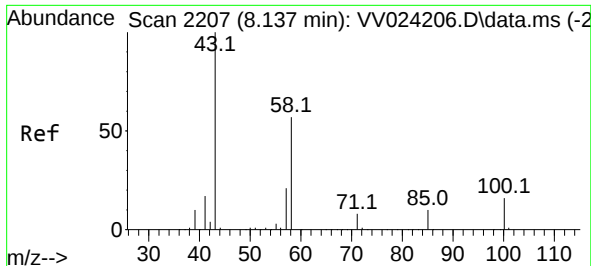
164 100

129 88.4 62.6 116.2

131 85.0 61.0 113.4

166 125.7 87.3 162.1

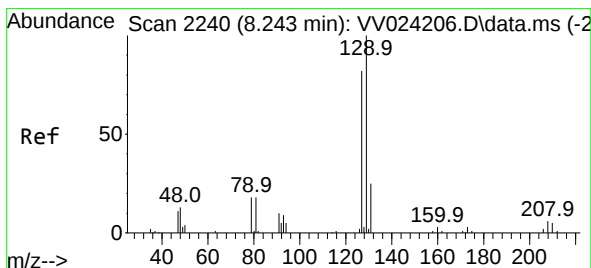
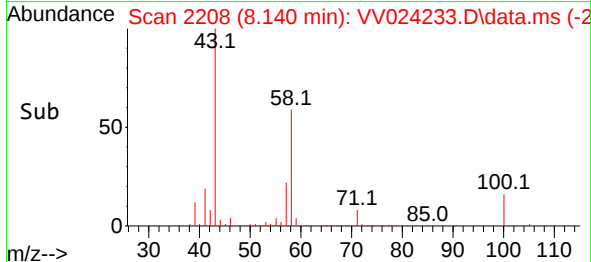
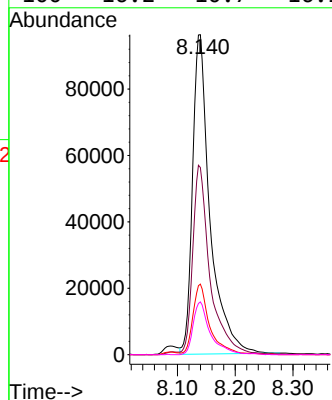
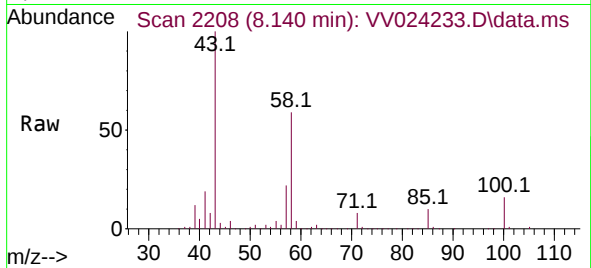




#48
2-Hexanone
Concen: 55.775 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

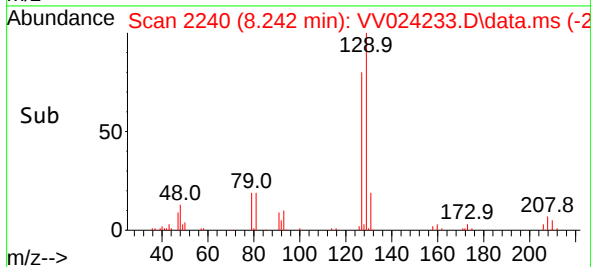
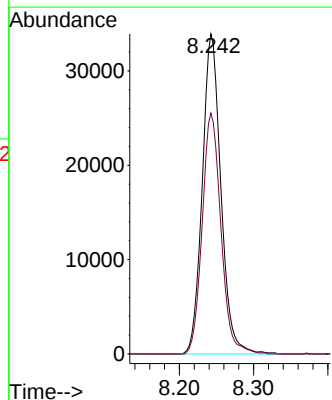
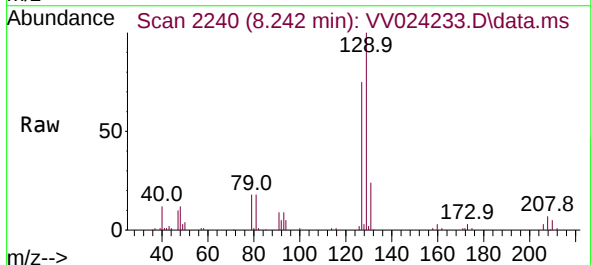
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

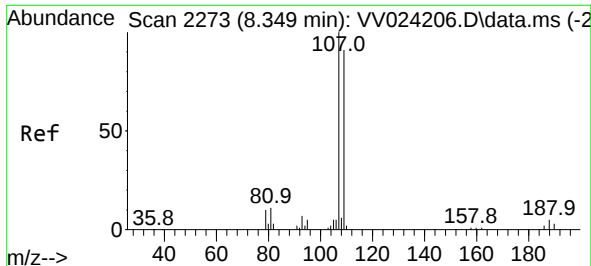
Tgt Ion: 43 Resp: 202439
Ion Ratio Lower Upper
43 100
58 57.2 44.5 66.7
57 21.1 15.1 22.7
100 16.2 10.7 16.1#



#49
Dibromochloromethane
Concen: 5.713 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion:129 Resp: 59108
Ion Ratio Lower Upper
129 100
127 75.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.441 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005289

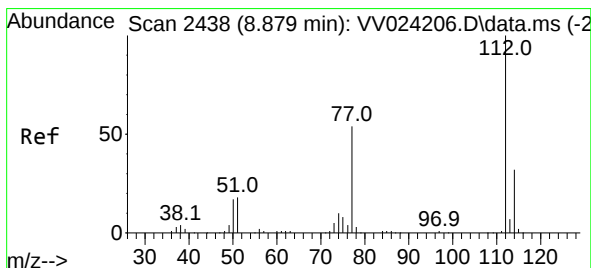
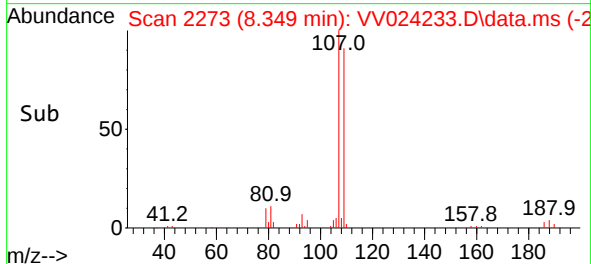
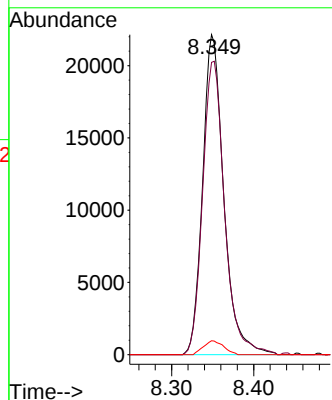
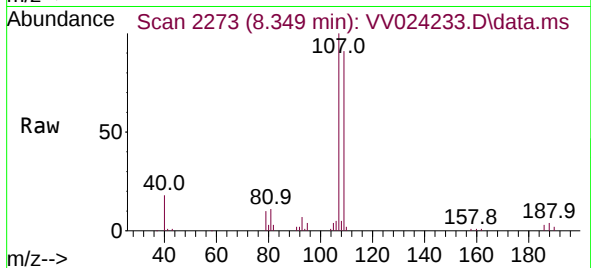
Tgt Ion:107 Resp: 39772

Ion Ratio Lower Upper

107 100

109 91.3 62.5 116.1

188 4.4 3.4 5.2



#51

Chlorobenzene

Concen: 5.600 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

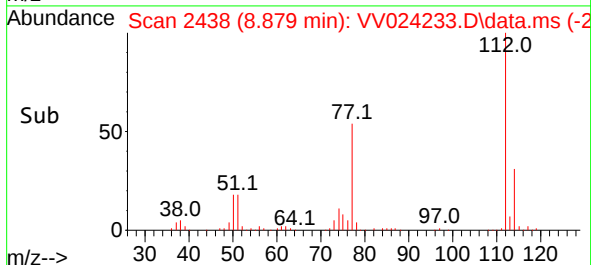
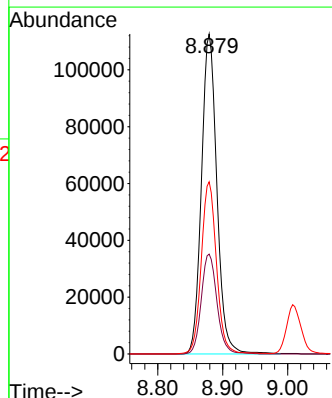
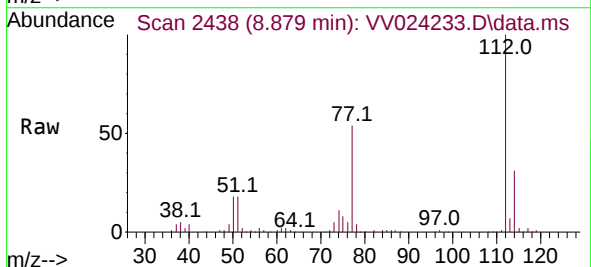
Tgt Ion:112 Resp: 186320

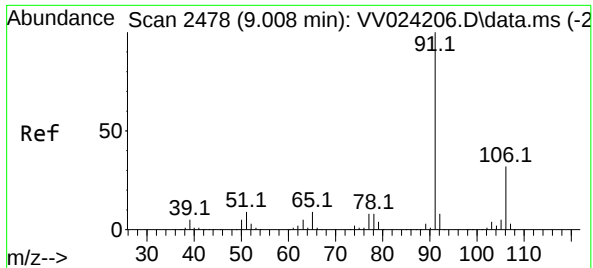
Ion Ratio Lower Upper

112 100

114 31.2 23.3 43.3

77 53.8 43.3 64.9

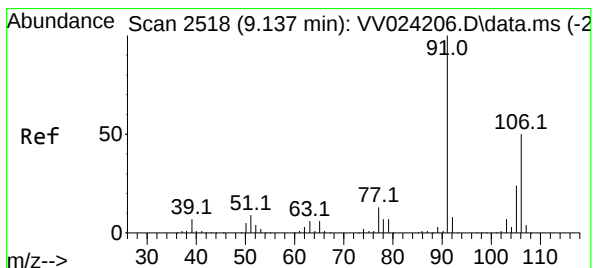
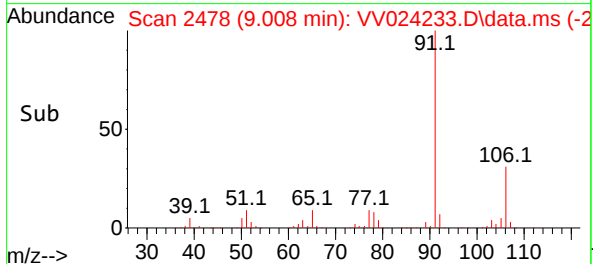
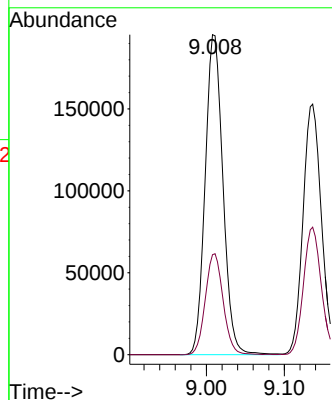
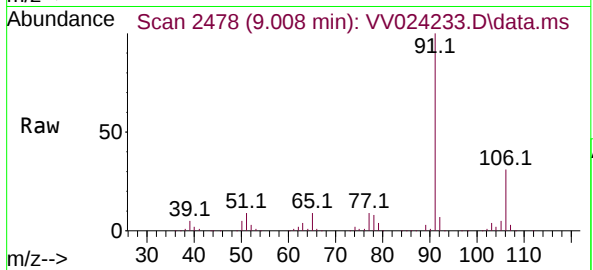




#52
Ethylbenzene
Concen: 5.803 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

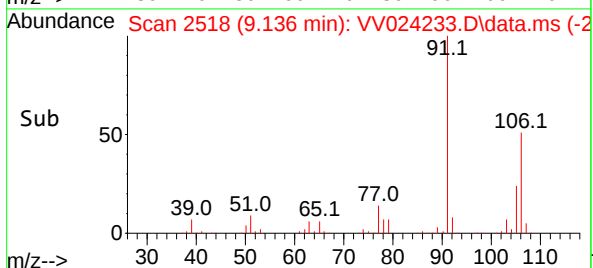
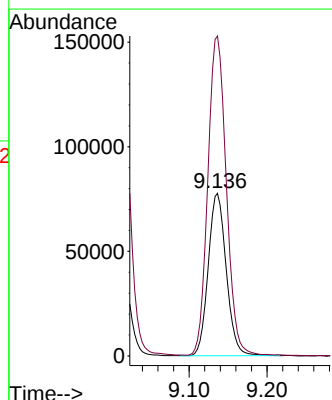
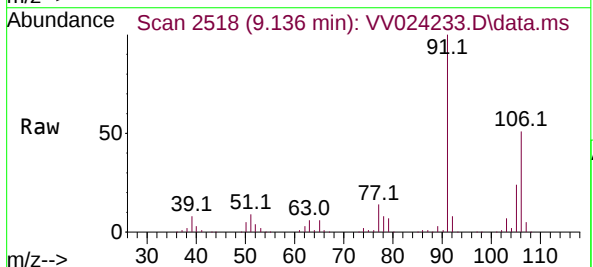
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

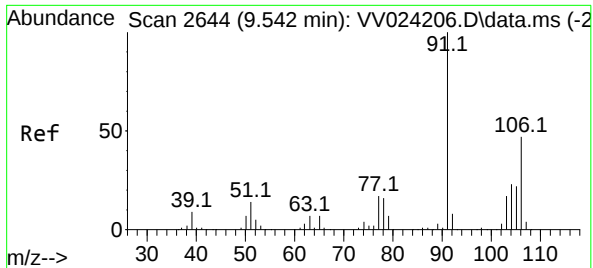
Tgt Ion: 91 Resp: 309845
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-xylene
Concen: 5.891 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion:106 Resp: 124758
Ion Ratio Lower Upper
106 100
91 196.6 139.5 259.1

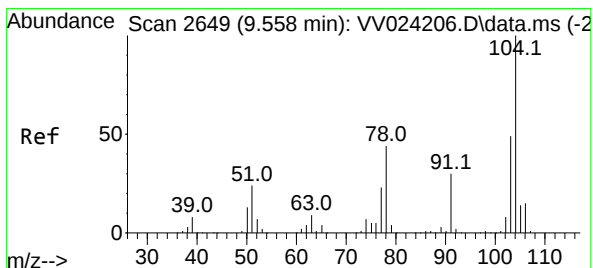
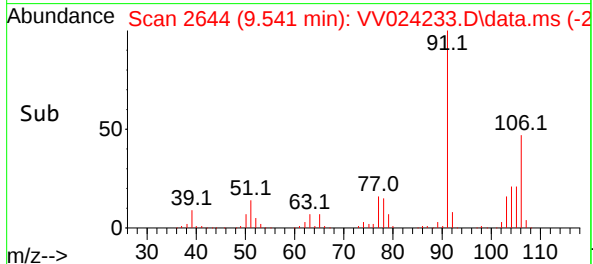
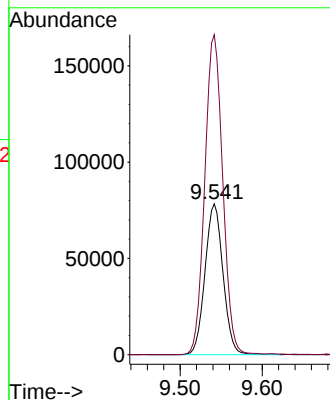
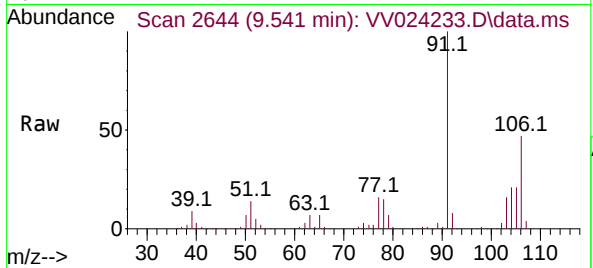




#54
o-xylene
Concen: 5.884 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

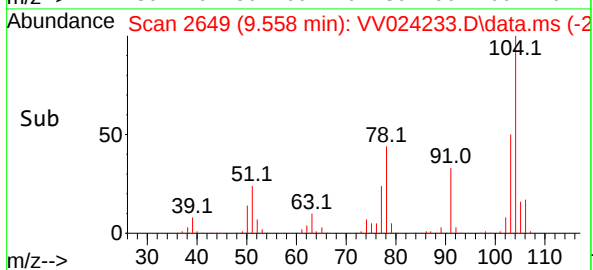
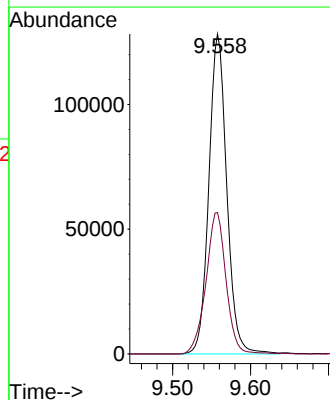
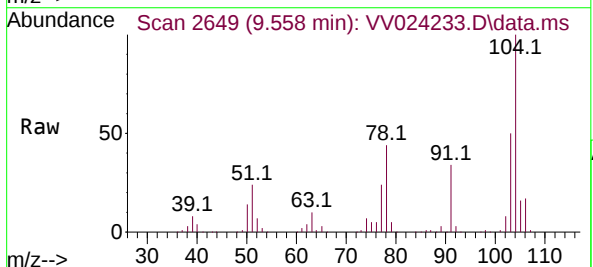
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

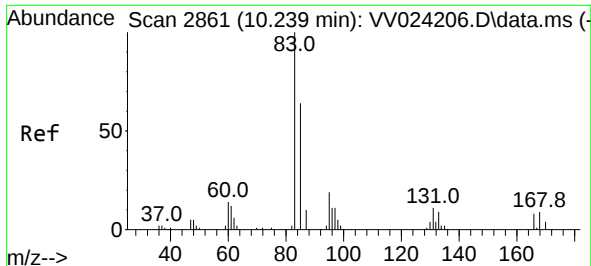
Tgt Ion:106 Resp: 119326
Ion Ratio Lower Upper
106 100
91 212.0 147.9 274.7



#55
Styrene
Concen: 5.993 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion:104 Resp: 204760
Ion Ratio Lower Upper
104 100
78 44.2 31.0 57.6

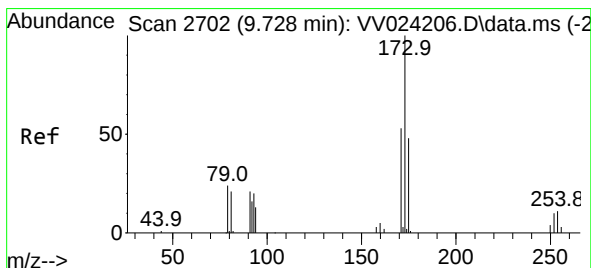
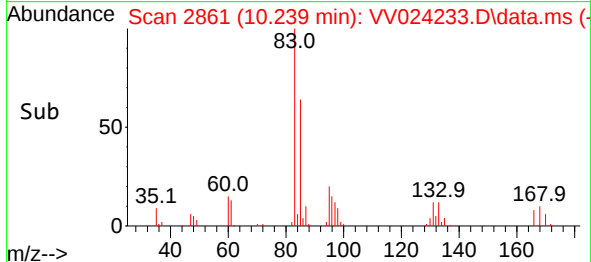
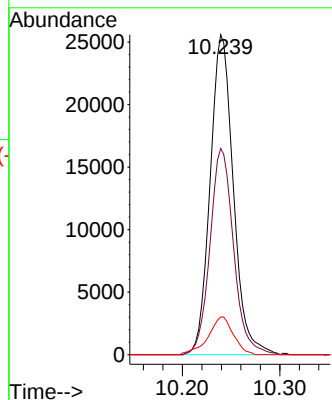
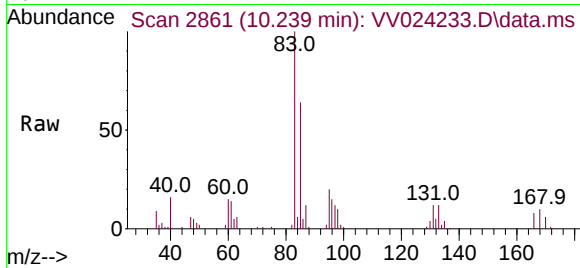




#57
1,1,2,2-Tetrachloroethane
Concen: 5.678 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

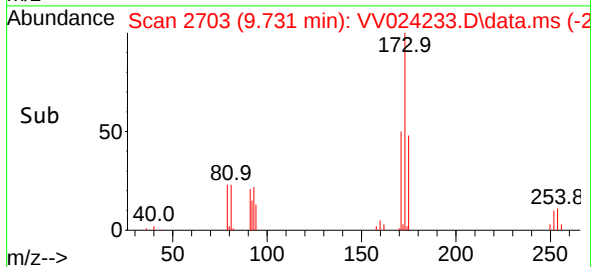
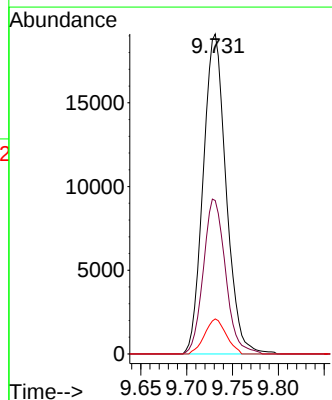
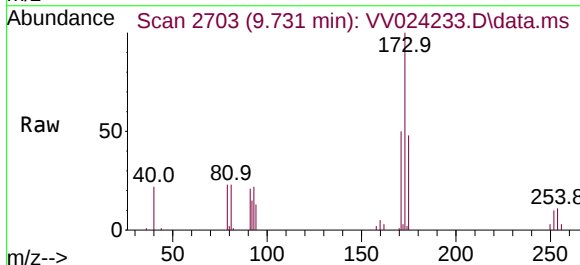
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

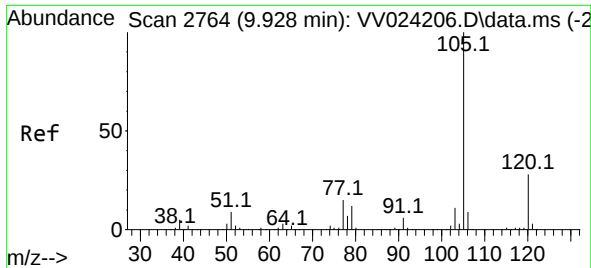
Tgt Ion:	83	Resp:	42327
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.6	82.8
131	11.8	8.3	12.5



#59
Bromoform
Concen: 5.841 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion:	173	Resp:	33254
Ion	Ratio	Lower	Upper
173	100		
175	46.9	39.4	59.2
254	10.3	7.4	11.0

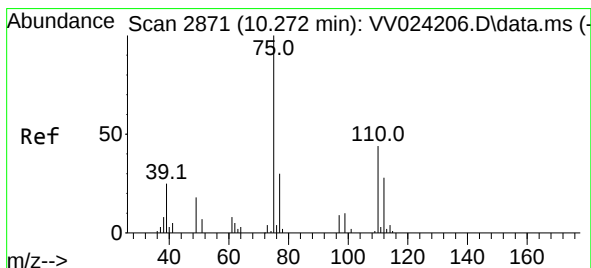
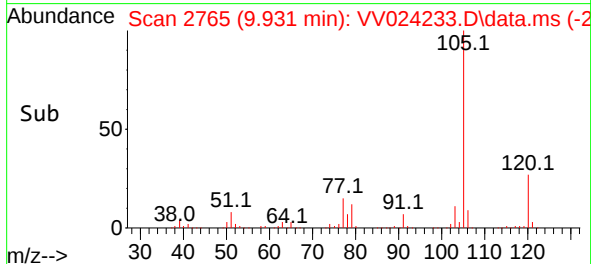
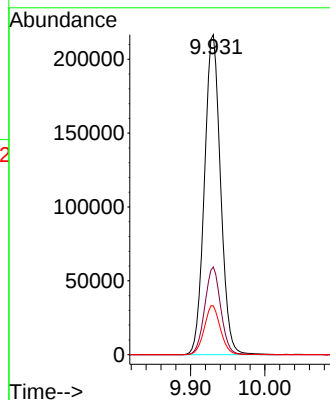
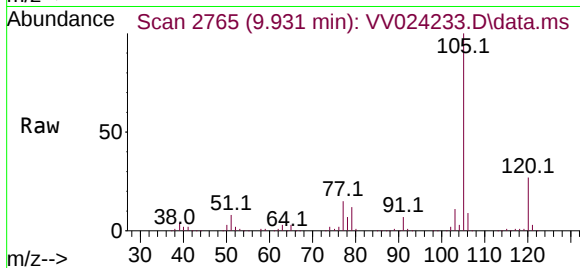




#60
Isopropylbenzene
Concen: 5.845 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

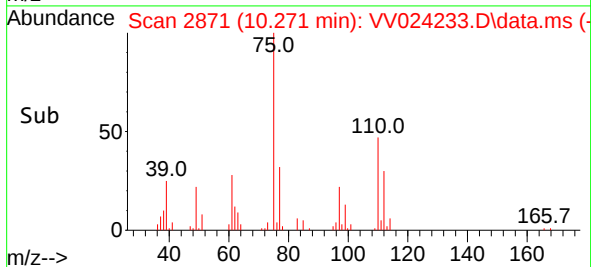
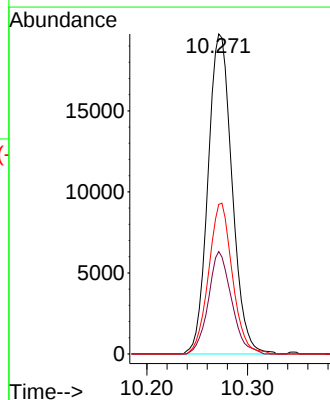
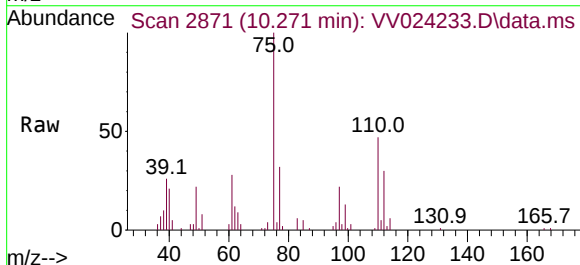
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

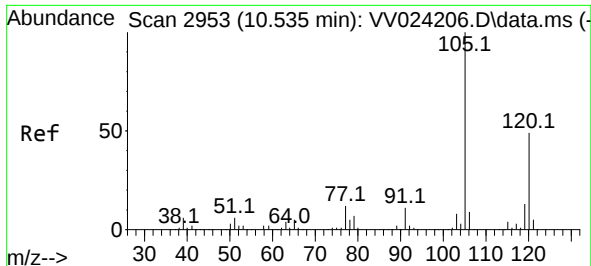
Tgt Ion:105 Resp: 326439
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.246 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion: 75 Resp: 32787
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
110 46.6 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.812 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

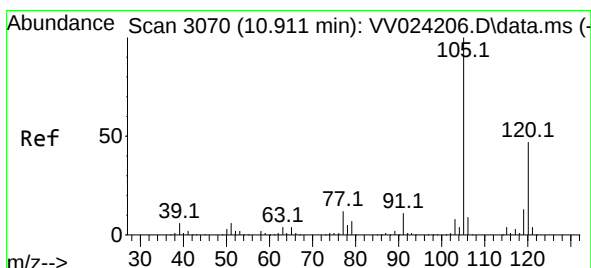
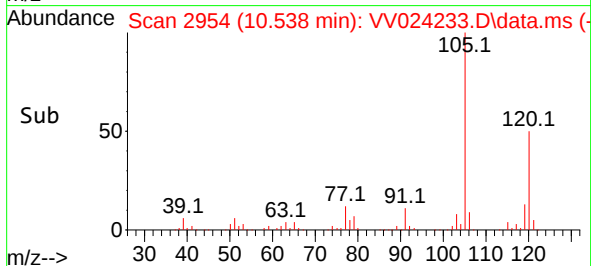
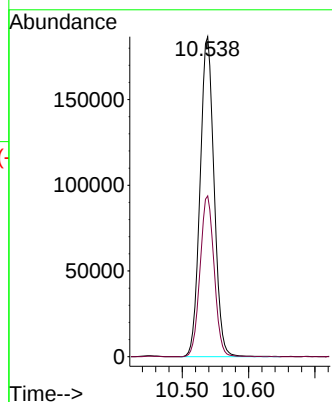
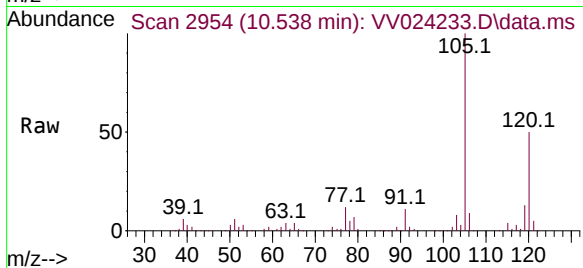
VSTD005289

Tgt Ion:105 Resp: 273694

Ion Ratio Lower Upper

105 100

120 50.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.908 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024233.D

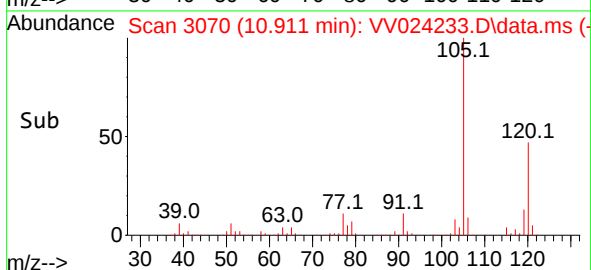
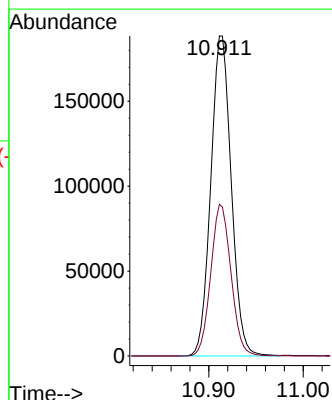
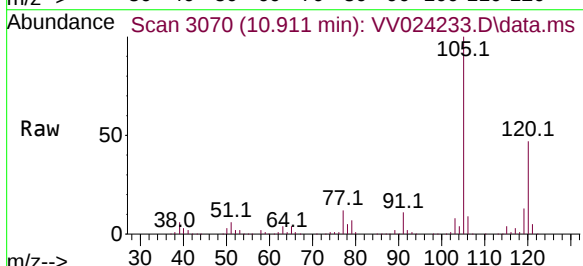
Acq: 30 Dec 2021 09:34

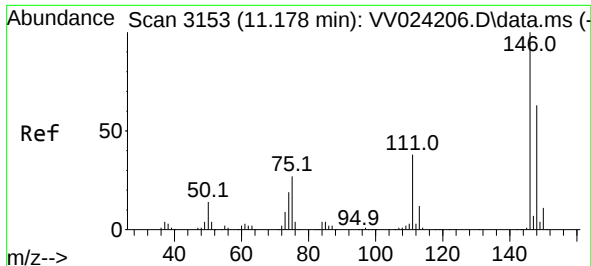
Tgt Ion:105 Resp: 283574

Ion Ratio Lower Upper

105 100

120 46.7 36.7 55.1

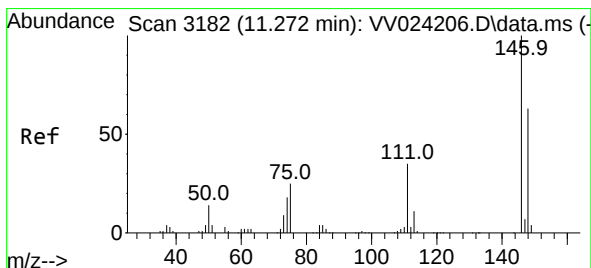
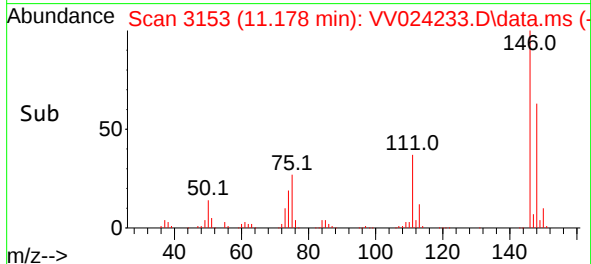
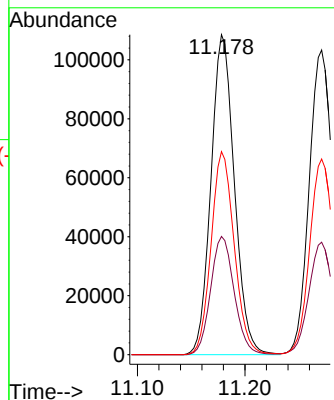
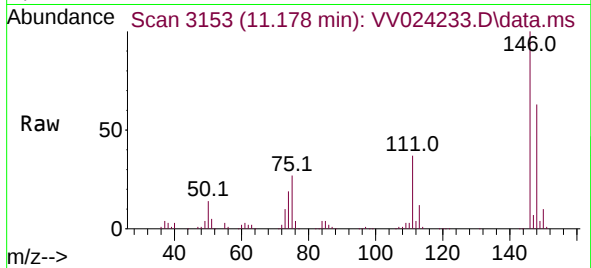




#64
1,3-Dichlorobenzene
Concen: 5.675 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

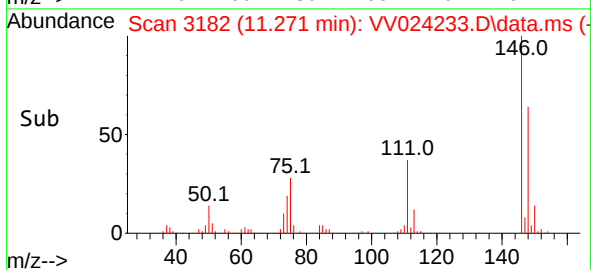
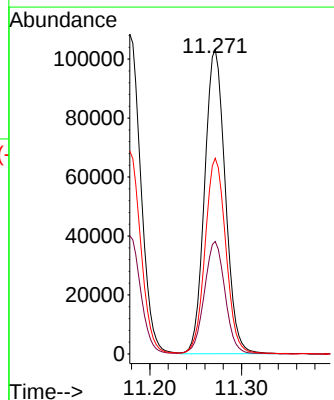
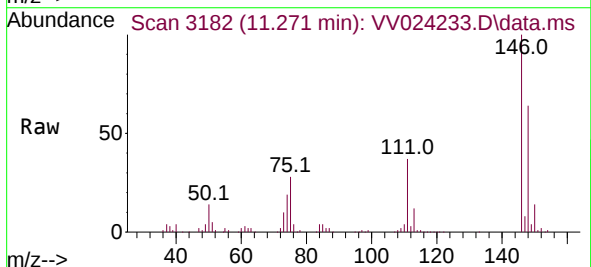
Instrument :
MSVOA_V
ClientSampleId :
VSTD005289

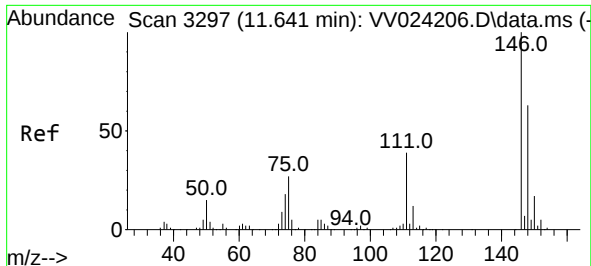
Tgt Ion:146 Resp: 164211
Ion Ratio Lower Upper
146 100
111 36.9 26.3 48.9
148 63.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.637 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024233.D
Acq: 30 Dec 2021 09:34

Tgt Ion:146 Resp: 161654
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 64.2 44.8 83.2

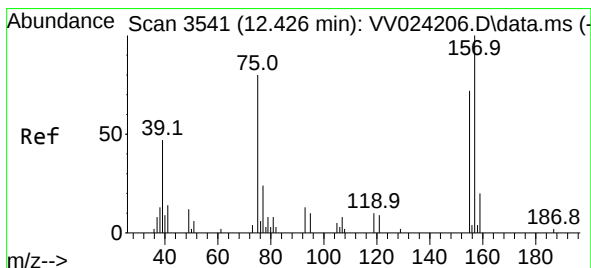
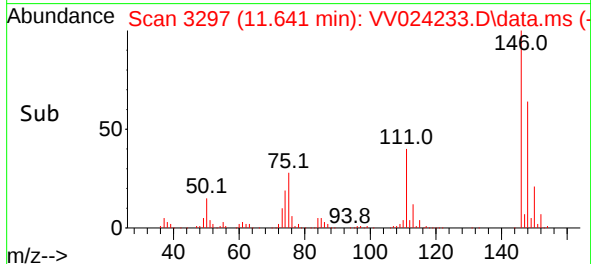
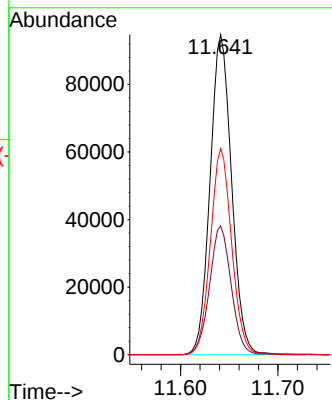
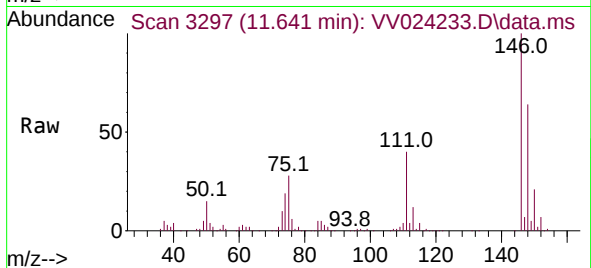




#67
 1,2-Dichlorobenzene
 Concen: 5.541 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

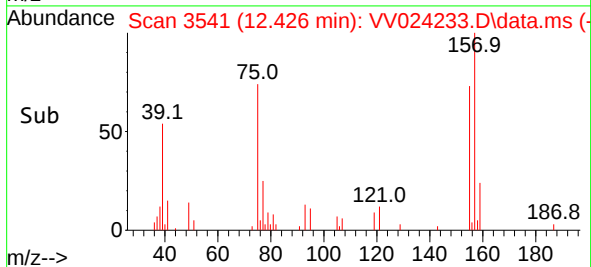
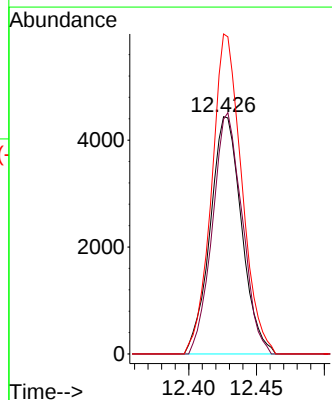
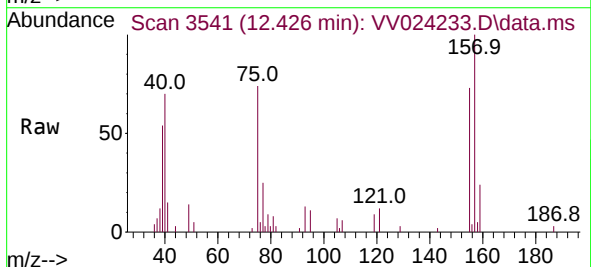
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

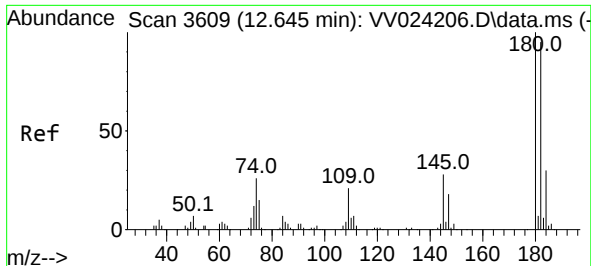
Tgt Ion:146 Resp: 145119
 Ion Ratio Lower Upper
 146 100
 111 40.2 31.9 47.9
 148 64.4 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.298 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Tgt Ion: 75 Resp: 7142
 Ion Ratio Lower Upper
 75 100
 155 98.9 71.7 107.5
 157 134.8 103.3 154.9



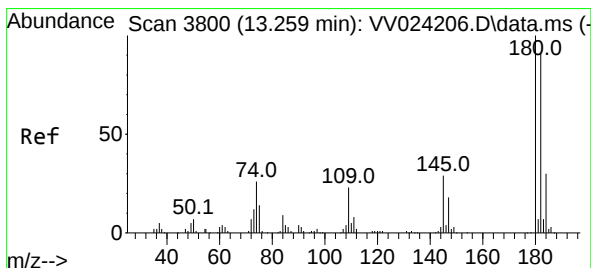
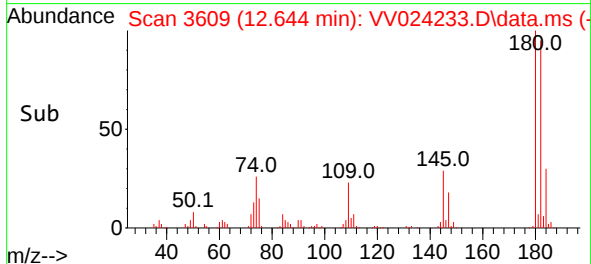
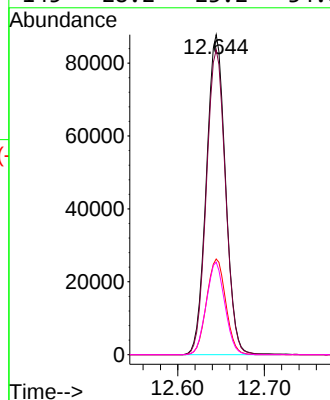
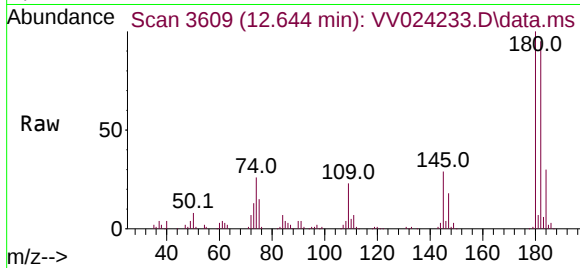


#69
 1,3,5-Trichlorobenzene
 Concen: 5.837 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Tgt Ion:180 Resp: 134496

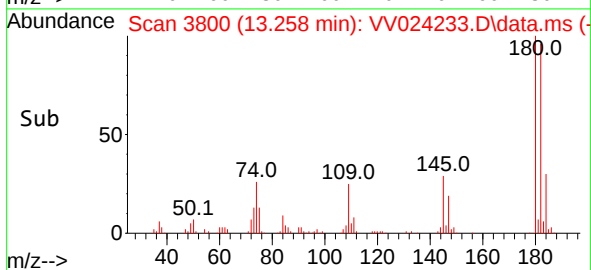
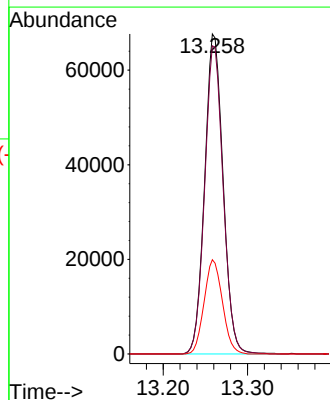
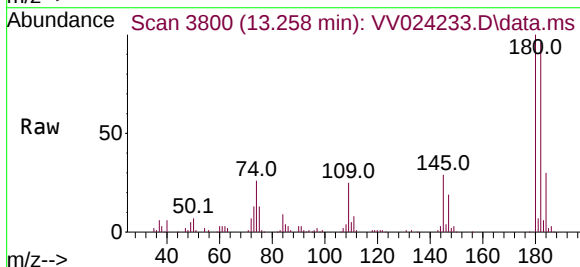
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
184	30.0	24.2	36.4
145	28.2	23.2	34.8

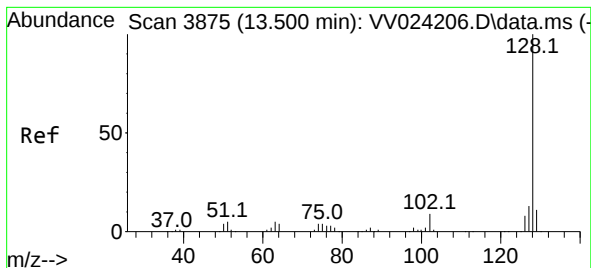


#70
 1,2,4-trichlorobenzene
 Concen: 5.804 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024233.D
 Acq: 30 Dec 2021 09:34

Tgt Ion:180 Resp: 102990

Ion	Ratio	Lower	Upper
180	100		
182	96.7	74.4	111.6
145	29.3	23.3	34.9





#71

Naphthalene

Concen: 5.472 ug/L

RT: 13.500 min Scan# 3911

Delta R.T. -0.003 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005289

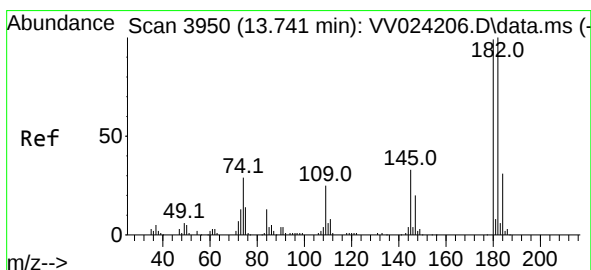
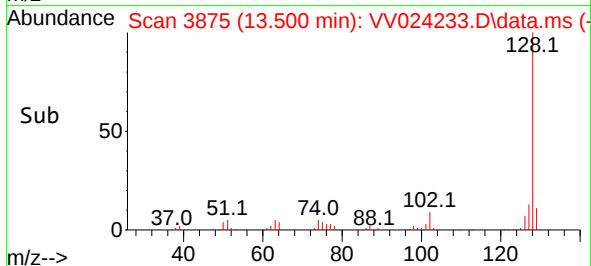
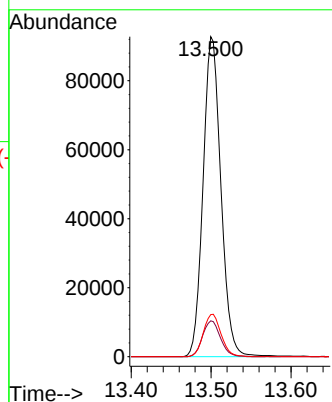
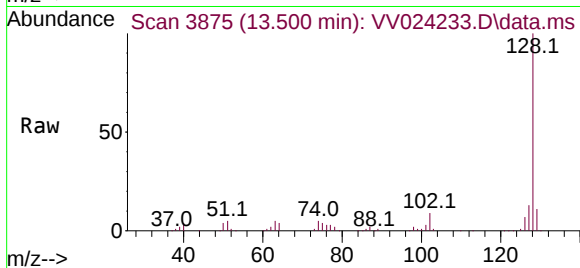
Tgt Ion:128 Resp: 144159

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.930 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV024233.D

Acq: 30 Dec 2021 09:34

Tgt Ion:180 Resp: 92542

Ion Ratio Lower Upper

180 100

182 93.2 76.8 115.2

145 31.8 25.8 38.6

