

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033122\
 Data File : VW025325.D
 Acq On : 31 Mar 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Quant Time: Apr 01 01:27:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	152430	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67144	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.564	69	55935	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	145789	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.905	46	61583	43.420	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.840%
24) Chloroform-d	4.346	84	86979	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.027	65	37138	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.043	84	164522	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	46359	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.313	98	154887	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.622	79	15266	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	52222	43.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30497	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	49678	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82227	5.401	ug/L	98
3) Chloromethane	1.240	50	96213	5.358	ug/L	99
5) Vinyl chloride	1.310	62	107657	5.368	ug/L	97
6) Bromomethane	1.519	94	64046	5.379	ug/L	98
8) Chloroethane	1.584	64	67381	5.353	ug/L	99
9) Trichlorofluoromethane	1.751	101	148237	5.467	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89262	5.542	ug/L	99
12) 1,1-Dichloroethene	2.114	96	84628	5.514	ug/L	95
13) Acetone	2.204	43	63129	58.331	ug/L	98
14) Carbon disulfide	2.291	76	172214	5.417	ug/L	99
15) Methyl Acetate	2.442	43	13929	5.654	ug/L #	85
16) Methylene chloride	2.503	84	60821	5.047	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	104928	5.404	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	59967	5.444	ug/L	96
19) 1,1-Dichloroethane	3.185	63	102687	5.585	ug/L	99
21) 2-Butanone	3.989	43	85438	57.372	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	60598	5.415	ug/L	94
23) Bromochloromethane	4.243	128	25456	5.454	ug/L	94
25) Chloroform	4.368	83	112850	5.531	ug/L	99

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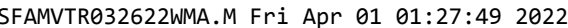
Instrument :
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 ClientSampleId :
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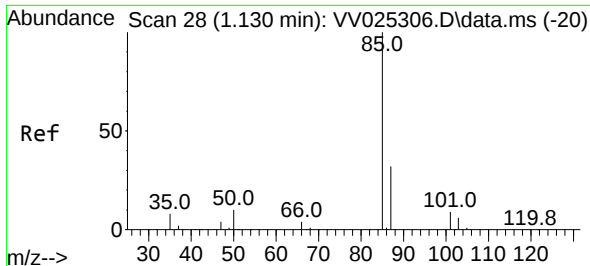
Quant Time: Apr 01 01:27:41 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	57578	5.465	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	98455	5.618	ug/L	99
30) Cyclohexane	4.670	56	81345	5.190	ug/L	96
31) Carbon tetrachloride	4.822	117	87113	5.742	ug/L	99
33) Benzene	5.095	78	237781	5.593	ug/L	100
34) Trichloroethene	5.908	95	64647	5.538	ug/L	99
35) Methylcyclohexane	6.127	83	98606	5.390	ug/L	99
37) 1,2-Dichloropropane	6.169	63	56635	5.743	ug/L	99
38) Bromodichloromethane	6.506	83	73205	5.859	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	70157	5.486	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	223567	56.775	ug/L	99
42) Toluene	7.384	91	263351	5.802	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56557	5.626	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	38687	5.729	ug/L	99
47) Tetrachloroethene	7.973	164	50189	5.830	ug/L	98
48) 2-Hexanone	8.140	43	158186	56.167	ug/L	99
49) Dibromochloromethane	8.243	129	43682	6.011	ug/L	99
50) 1,2-Dibromoethane	8.349	107	34989	5.562	ug/L	97
51) Chlorobenzene	8.879	112	164781	5.622	ug/L	99
52) Ethylbenzene	9.011	91	270437	5.618	ug/L	98
53) m,p-Xylene	9.136	106	107442	5.739	ug/L	99
54) o-Xylene	9.542	106	102473	5.725	ug/L	95
55) Styrene	9.558	104	175529	5.964	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38145	5.419	ug/L	100
59) Bromoform	9.728	173	19135	6.378	ug/L #	96
60) Isopropylbenzene	9.927	105	272635	5.600	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	29620	5.333	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	112454	5.152	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	215894	5.544	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	126919	5.567	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	126437	5.538	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	112146	5.590	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	5004	5.032	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	91367	5.556	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	68514	5.521	ug/L	98
71) Naphthalene	13.500	128	98076	5.071	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60090	5.620	ug/L	97

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

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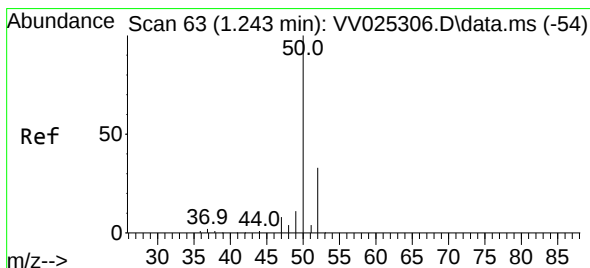
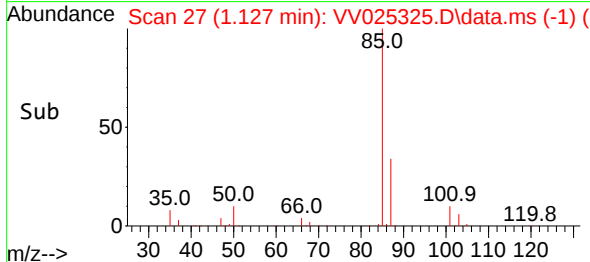
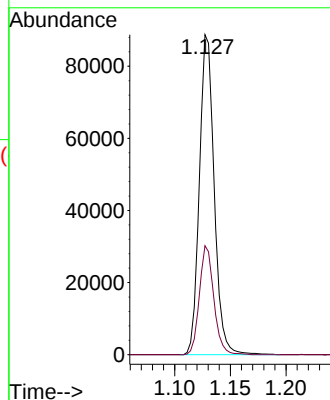
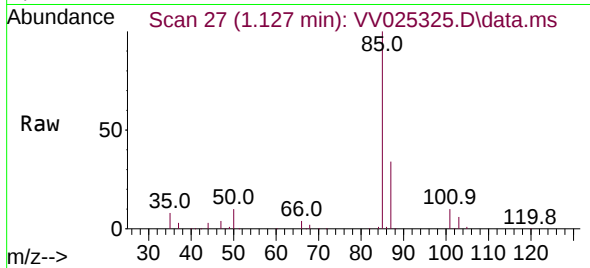




#2
 Dichlorodifluoromethane
 Concen: 5.401 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

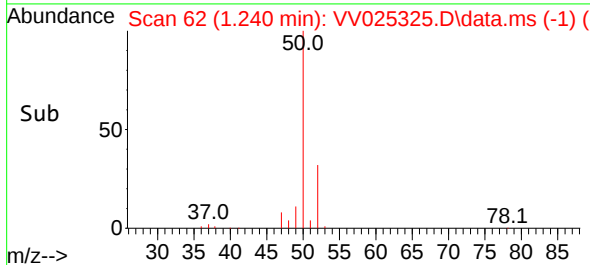
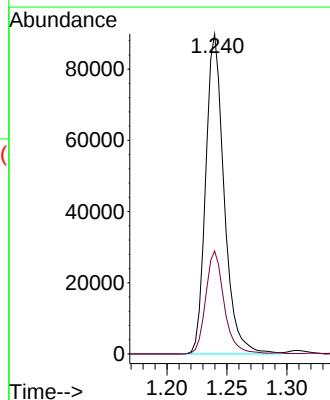
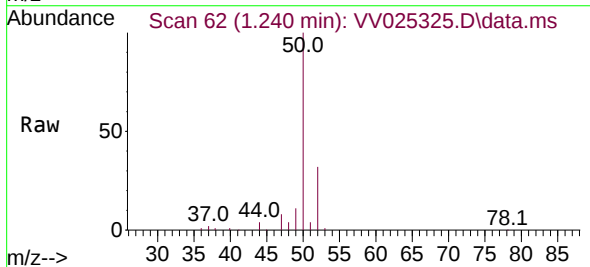
Instrument :
 MSVOA_V
 ClientSampleId :
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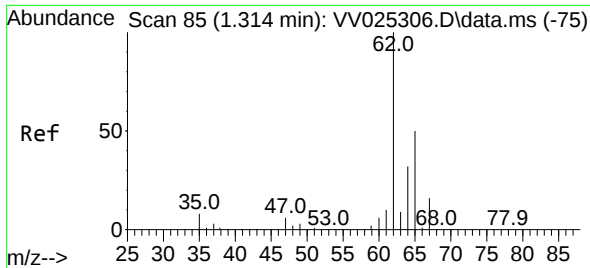
Tgt Ion: 85 Resp: 82227
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 5.358 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

Tgt Ion: 50 Resp: 96213
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.9 42.5

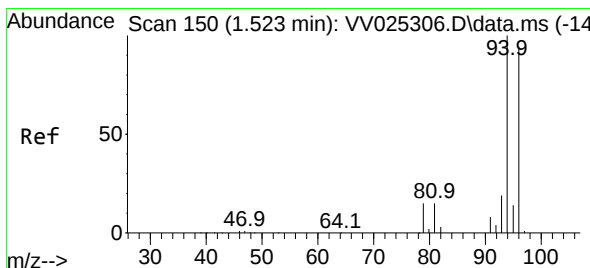
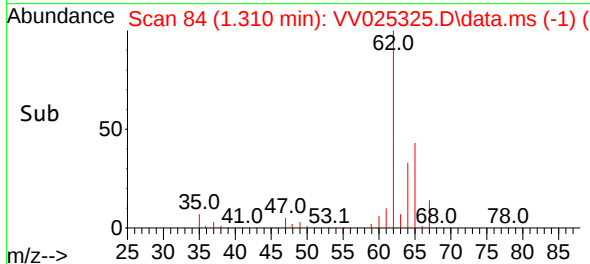
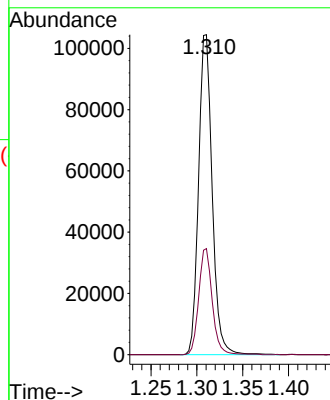
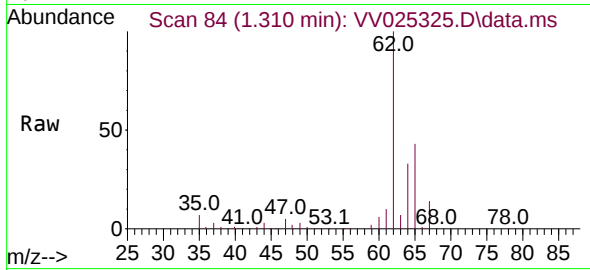




#5
 Vinyl chloride
 Concen: 5.368 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

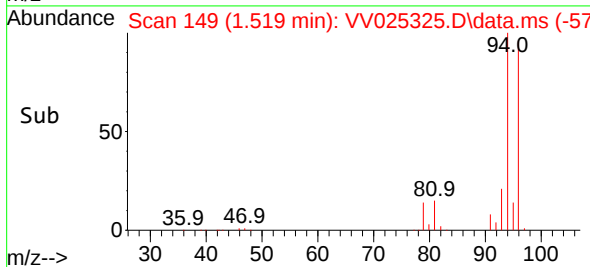
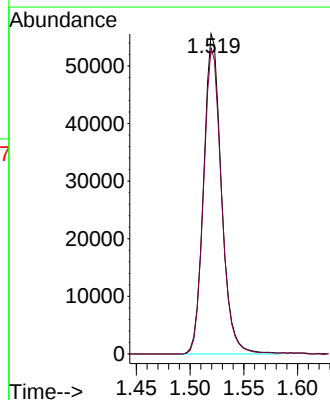
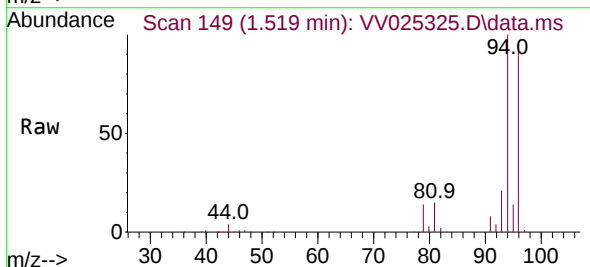
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 ClientSampleId :
 VSTD005360

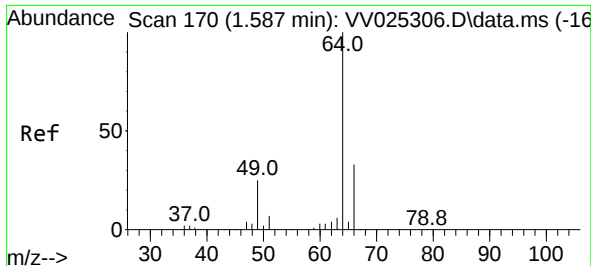
Tgt Ion: 62 Resp: 107657
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.0 40.8



#6
 Bromomethane
 Concen: 5.379 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

Tgt Ion: 94 Resp: 64046
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.5 121.7

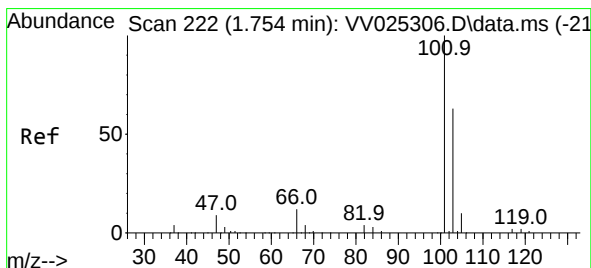
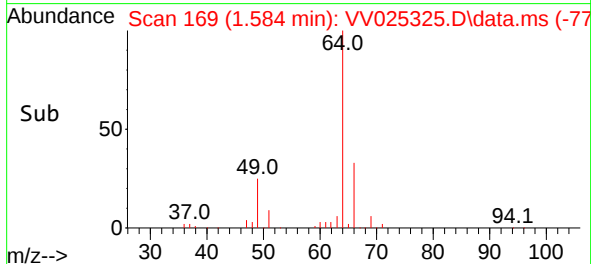
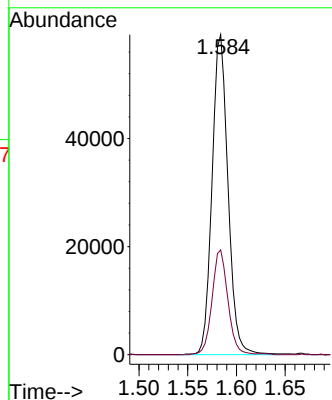
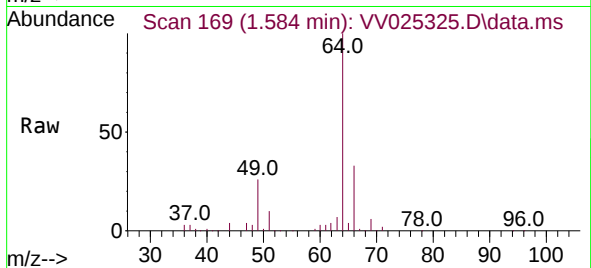




#8
Chloroethane
Concen: 5.353 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

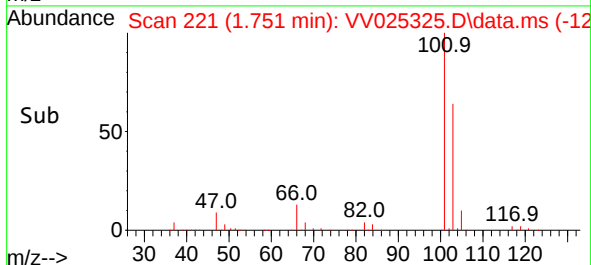
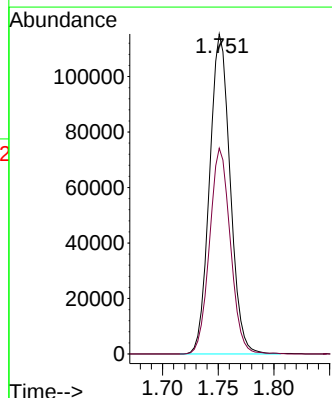
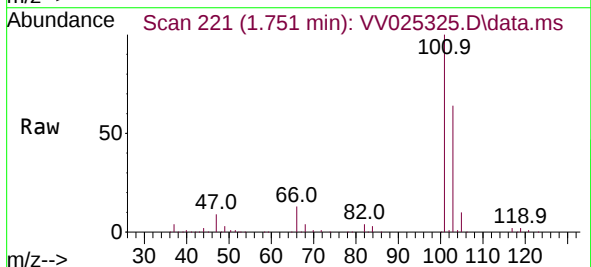
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ClientSampleId :
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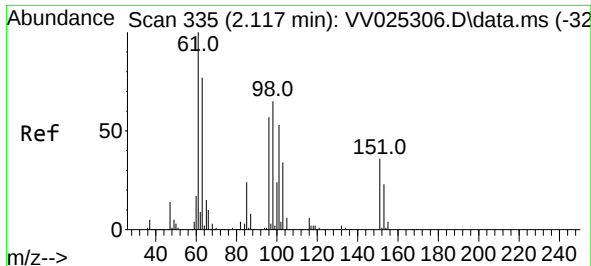
Tgt Ion: 64 Resp: 67381
Ion Ratio Lower Upper
64 100
66 32.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.467 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion:101 Resp: 148237
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2





#10

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

Concen: 5.542 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005360

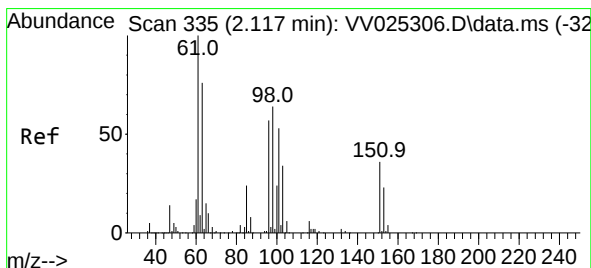
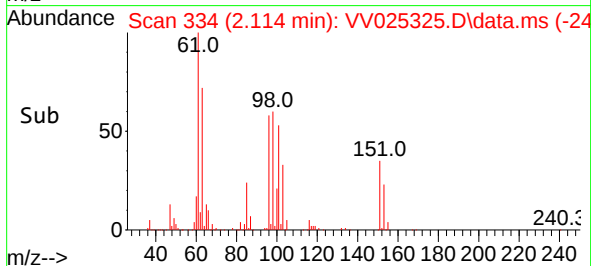
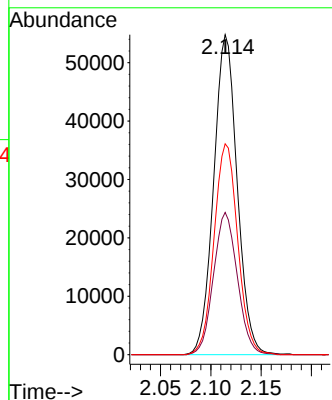
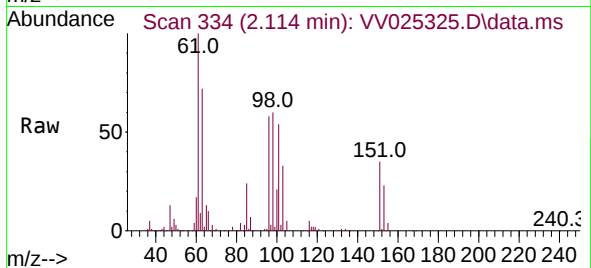
Tgt Ion:101 Resp: 89262

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

151 66.3 54.6 81.8



#12

1,1-Dichloroethene

Concen: 5.514 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

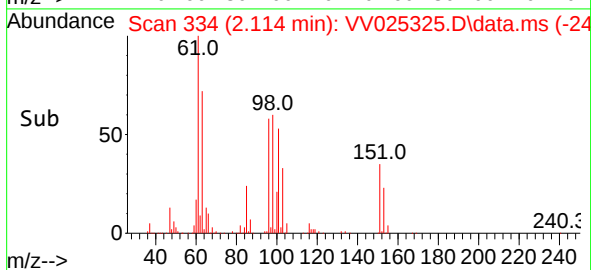
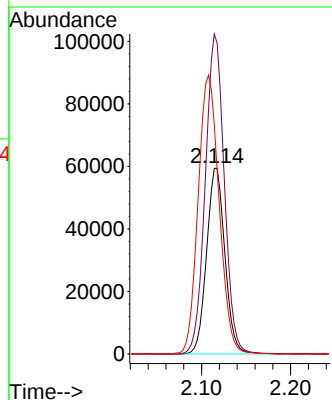
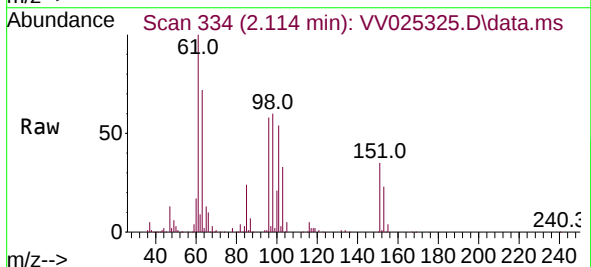
Tgt Ion: 96 Resp: 84628

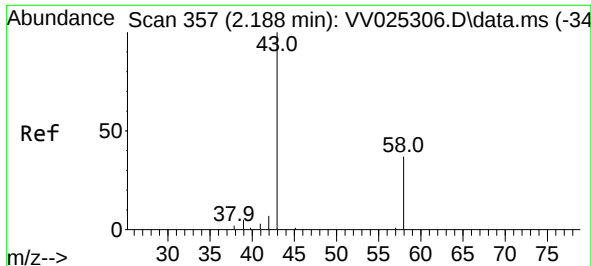
Ion Ratio Lower Upper

96 100

61 172.4 121.5 225.7

63 123.4 77.9 144.7





#13

Acetone

Concen: 58.331 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

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ClientSampleId :

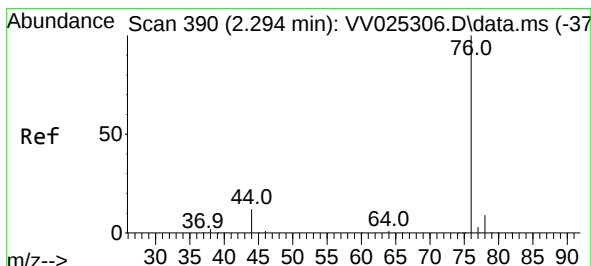
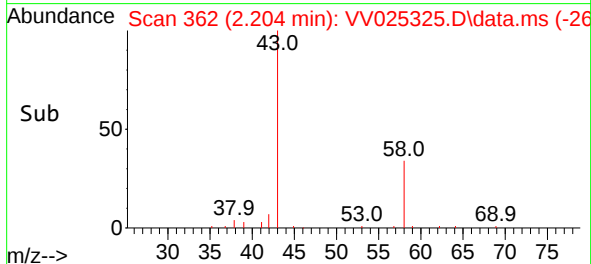
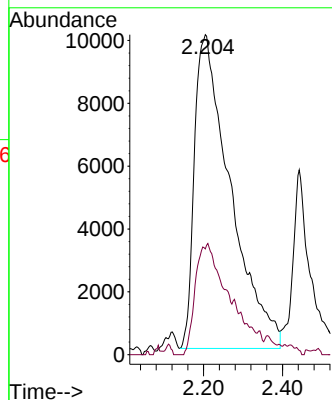
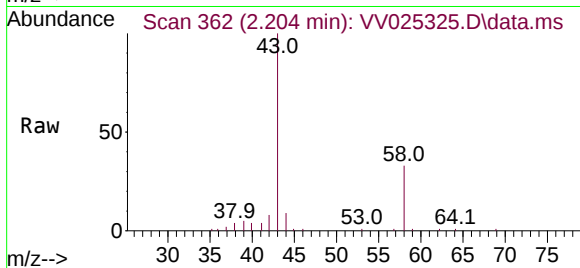
VSTD005360

Tgt Ion: 43 Resp: 63129

Ion Ratio Lower Upper

43 100

58 26.5 0.0 51.2



#14

Carbon disulfide

Concen: 5.417 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV025325.D

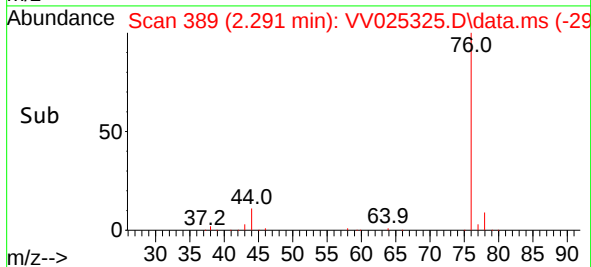
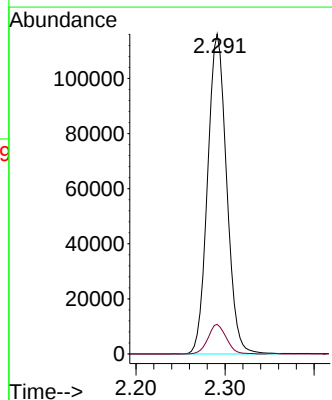
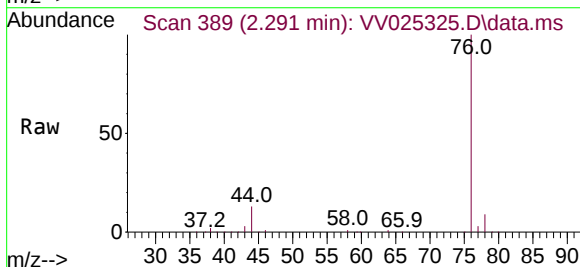
Acq: 31 Mar 2022 10:13

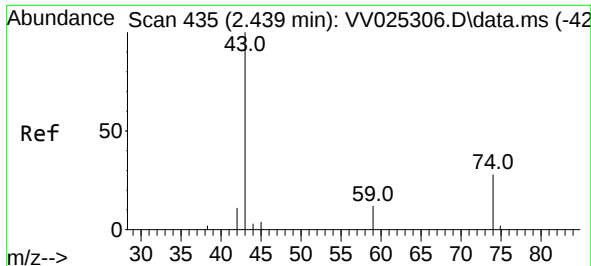
Tgt Ion: 76 Resp: 172214

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

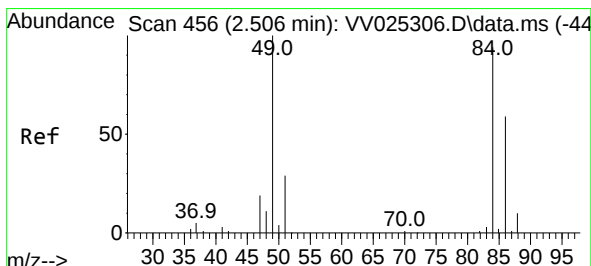
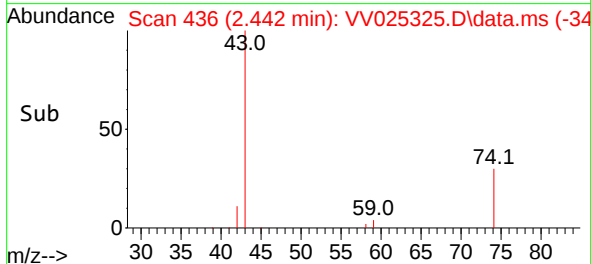
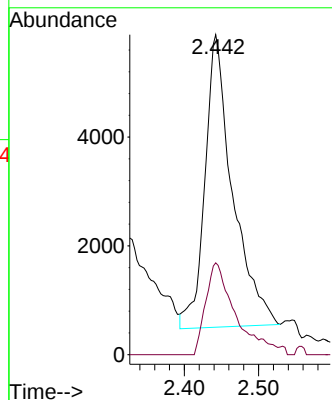
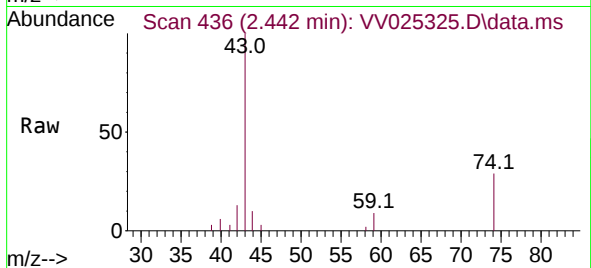




#15
Methyl Acetate
Concen: 5.654 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

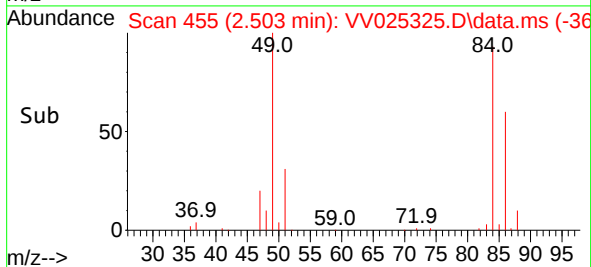
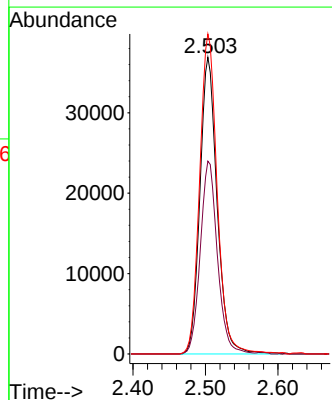
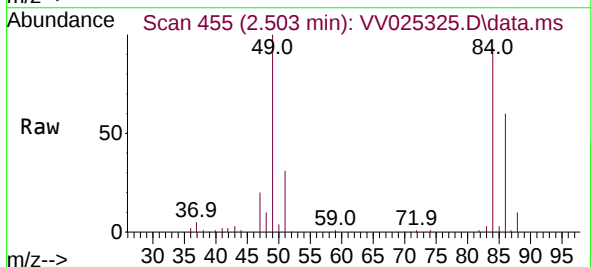
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

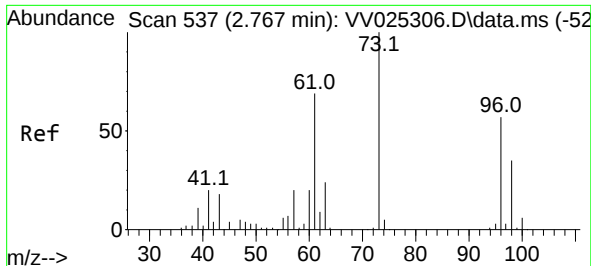
Tgt Ion: 43 Resp: 13929
Ion Ratio Lower Upper
43 100
74 33.5 20.9 31.3#



#16
Methylene chloride
Concen: 5.047 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 84 Resp: 60821
Ion Ratio Lower Upper
84 100
86 65.0 43.5 80.7
49 107.9 74.5 138.3

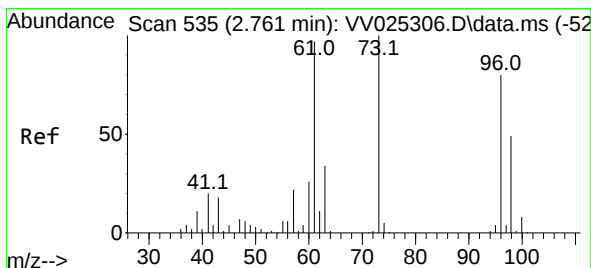
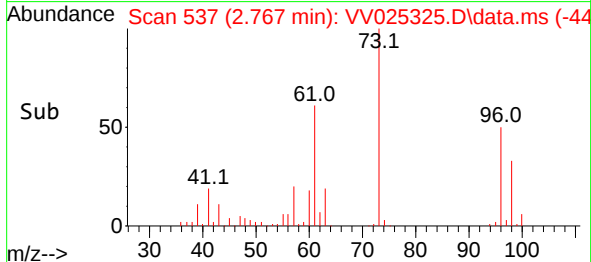
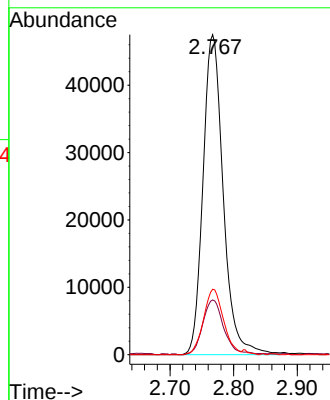
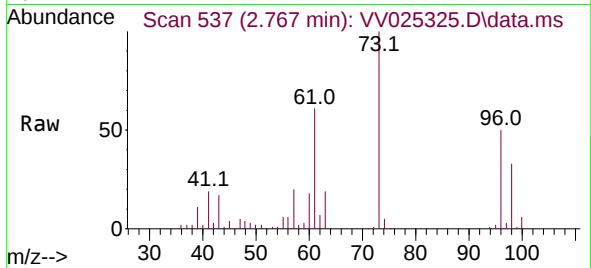




#17
Methyl tert-butyl Ether
Concen: 5.404 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

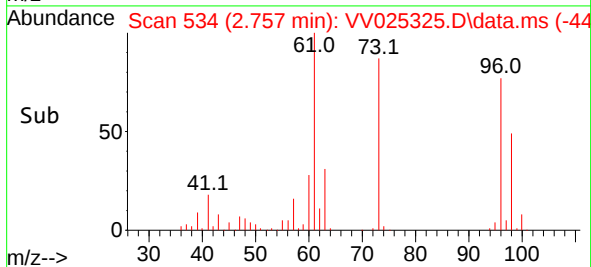
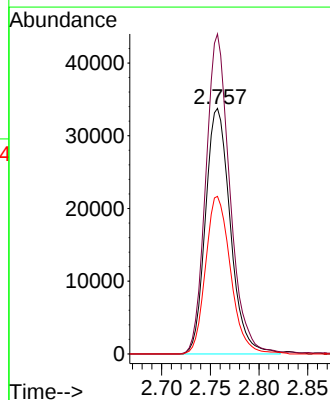
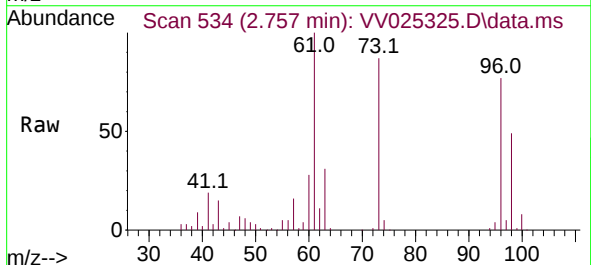
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

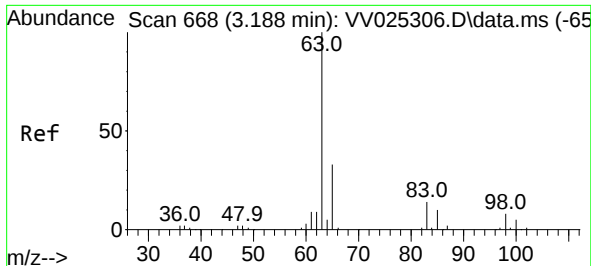
Tgt Ion: 73 Resp: 104928
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 20.2 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.444 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 96 Resp: 59967
Ion Ratio Lower Upper
96 100
61 130.3 87.6 162.8
98 64.2 44.0 81.8

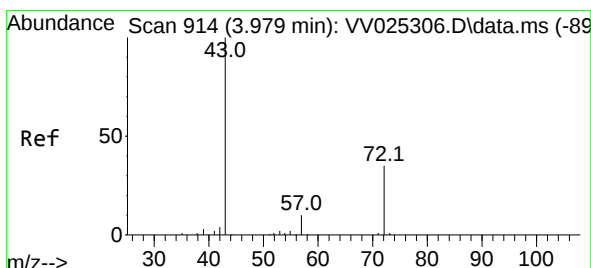
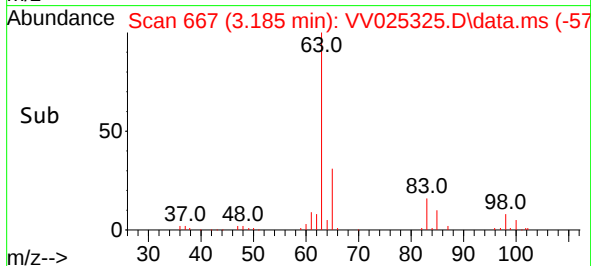
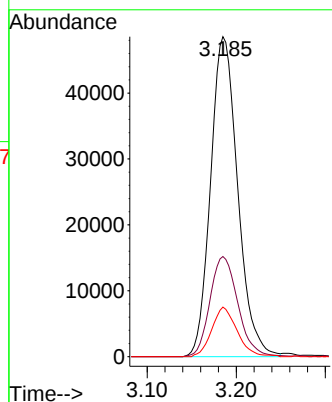
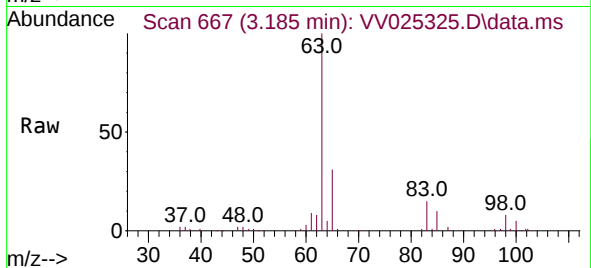




#19
1,1-Dichloroethane
Concen: 5.585 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

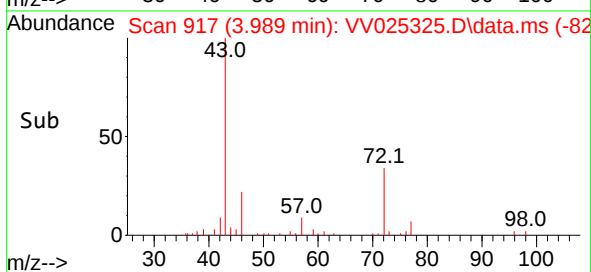
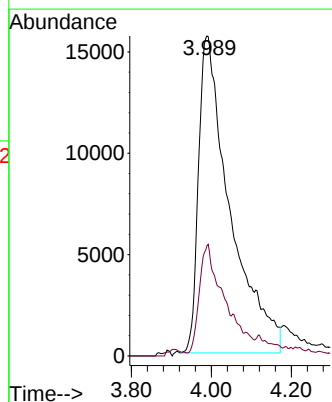
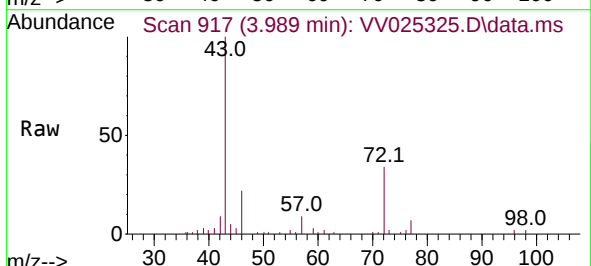
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

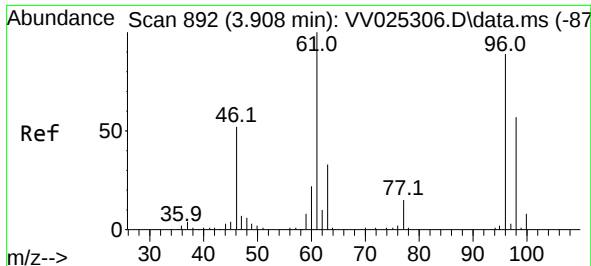
Tgt Ion: 63 Resp: 102687
Ion Ratio Lower Upper
63 100
65 31.3 22.0 40.8
83 15.5 10.2 19.0



#21
2-Butanone
Concen: 57.372 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.010 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 43 Resp: 85438
Ion Ratio Lower Upper
43 100
72 22.7 11.8 35.4

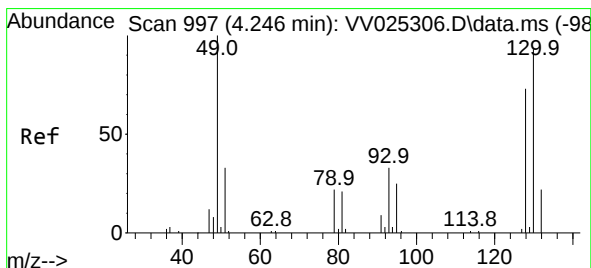
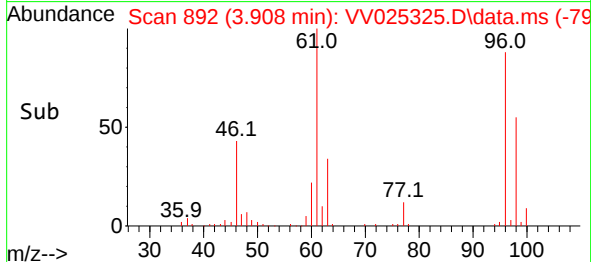
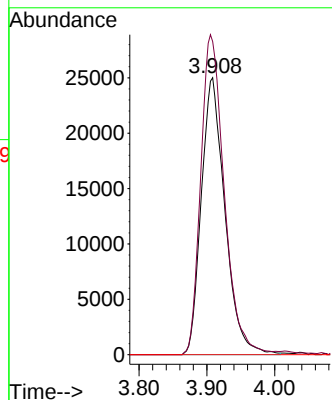
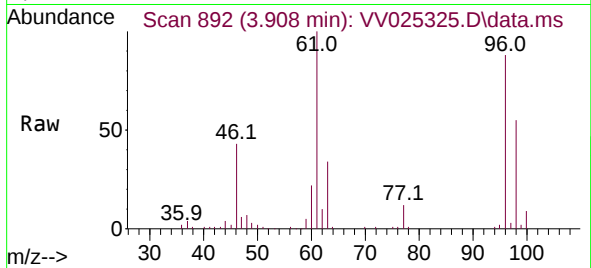




#22
 cis-1,2-Dichloroethene
 Concen: 5.415 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

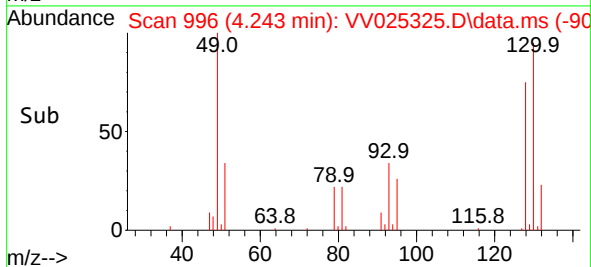
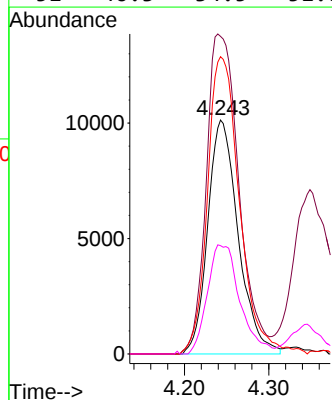
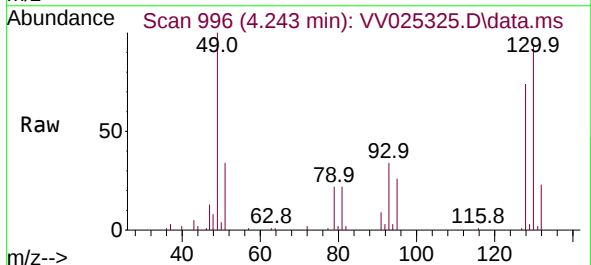
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

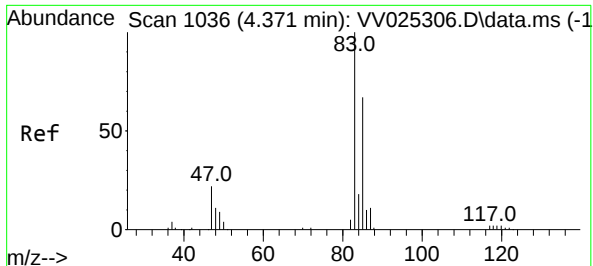
Tgt Ion: 96 Resp: 60598
 Ion Ratio Lower Upper
 96 100
 61 113.0 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.454 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.003 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

Tgt Ion: 128 Resp: 25456
 Ion Ratio Lower Upper
 128 100
 49 135.8 101.4 188.4
 130 127.1 85.0 158.0
 51 46.3 34.5 51.7





#25

Chloroform

Concen: 5.531 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

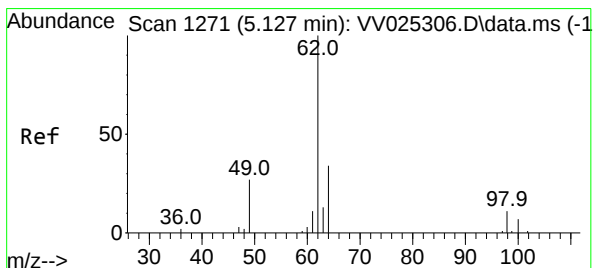
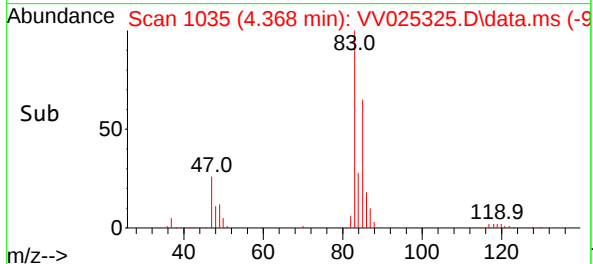
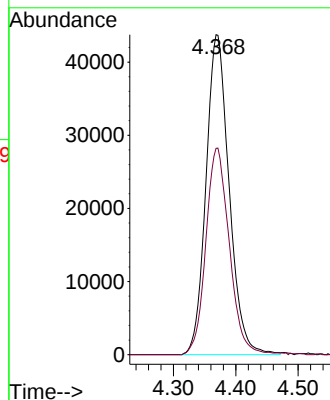
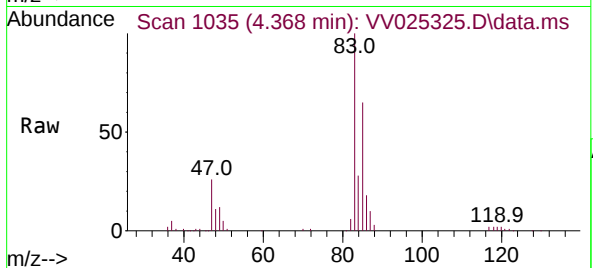
VSTD005360

Tgt Ion: 83 Resp: 112850

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.465 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV025325.D

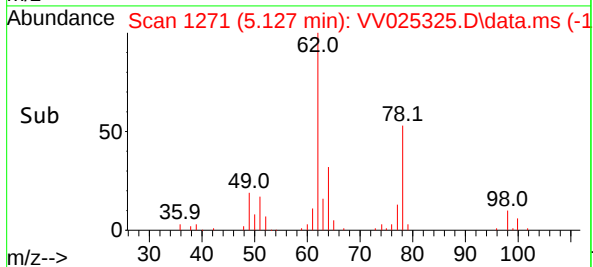
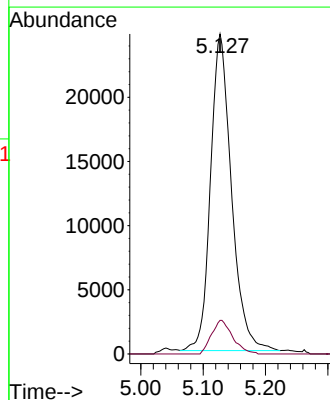
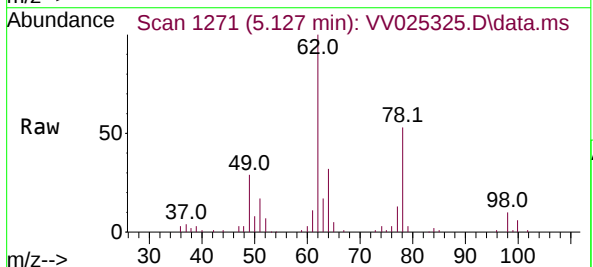
Acq: 31 Mar 2022 10:13

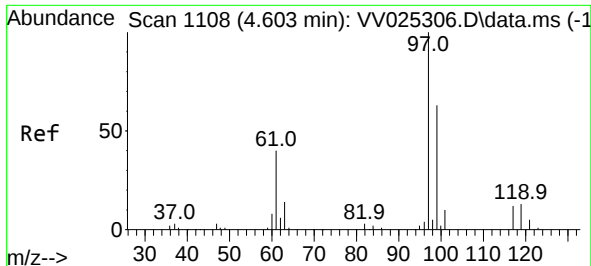
Tgt Ion: 62 Resp: 57578

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.618 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005360

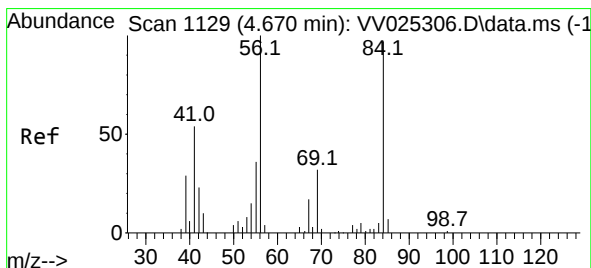
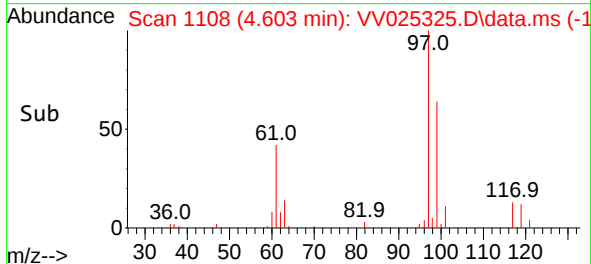
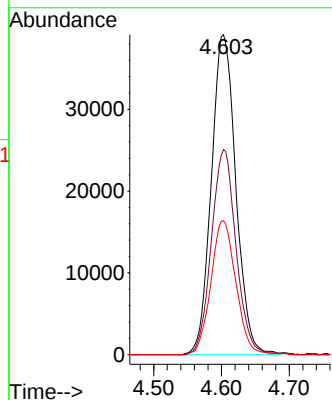
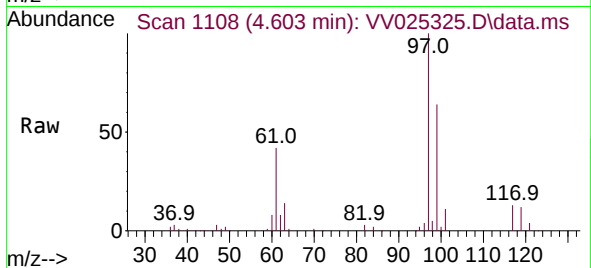
Tgt Ion: 97 Resp: 98455

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 42.5 34.2 51.2



#30

Cyclohexane

Concen: 5.190 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

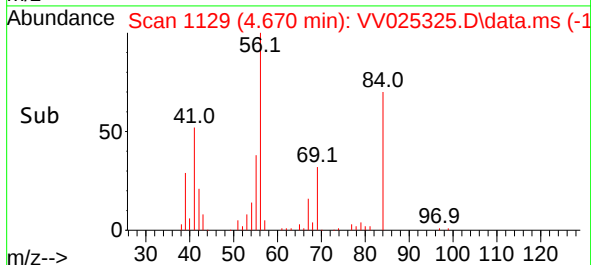
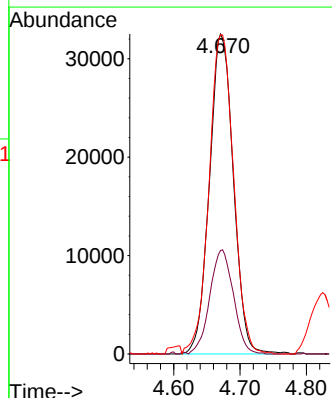
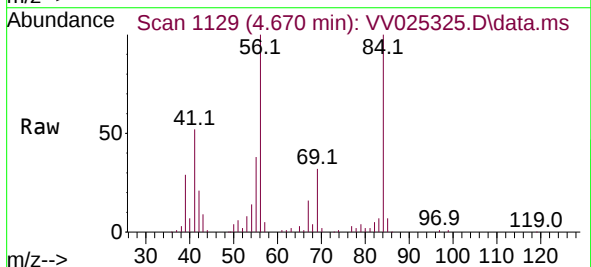
Tgt Ion: 56 Resp: 81345

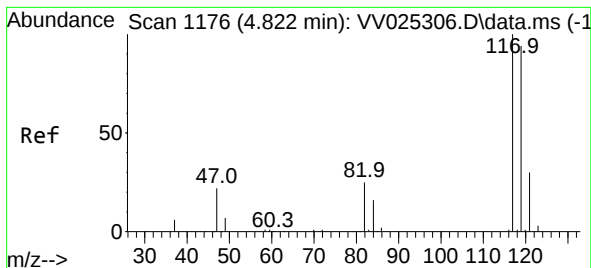
Ion Ratio Lower Upper

56 100

69 32.3 25.3 37.9

84 102.3 78.4 117.6





#31

Carbon tetrachloride

Concen: 5.742 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

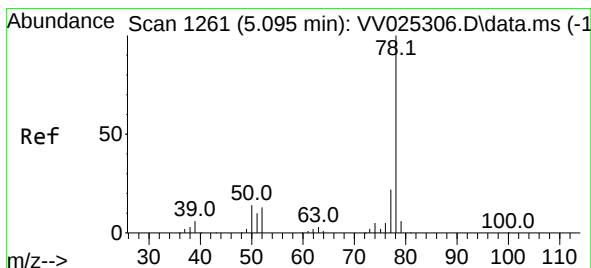
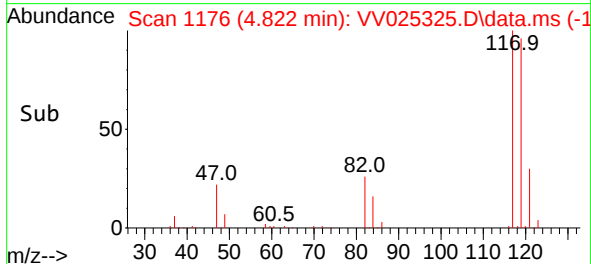
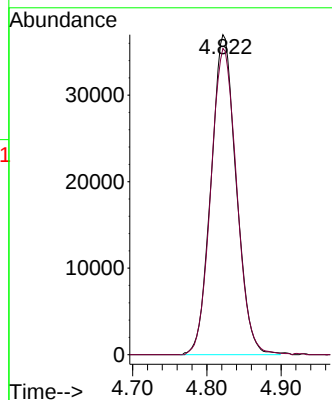
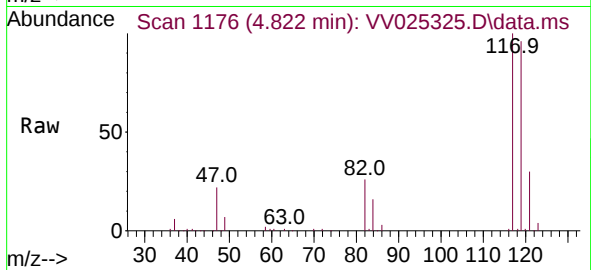
VSTD005360

Tgt Ion:117 Resp: 87113

Ion Ratio Lower Upper

117 100

119 98.3 77.8 116.6



#33

Benzene

Concen: 5.593 ug/L

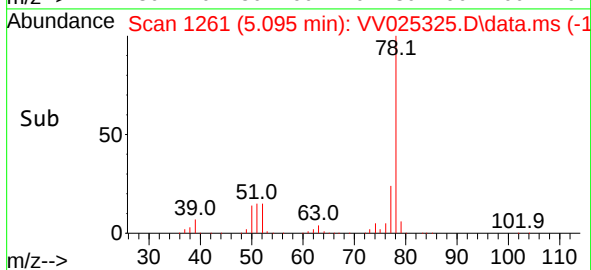
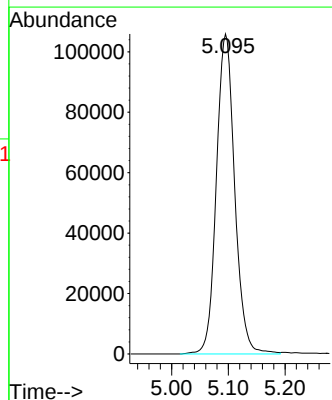
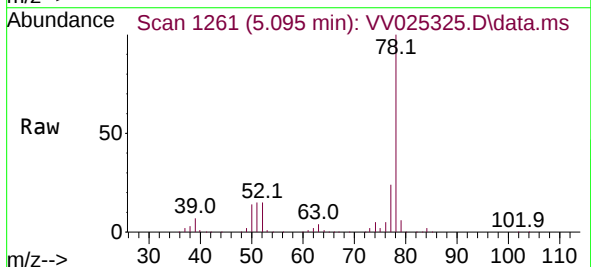
RT: 5.095 min Scan# 1261

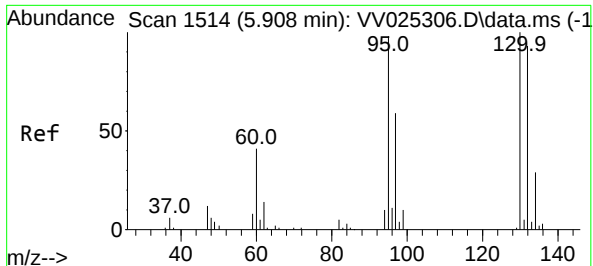
Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Tgt Ion: 78 Resp: 237781

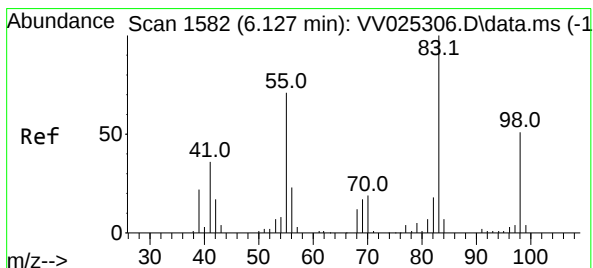
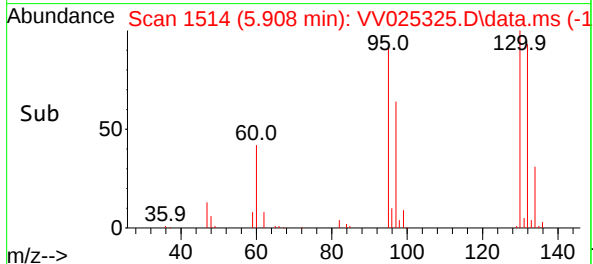
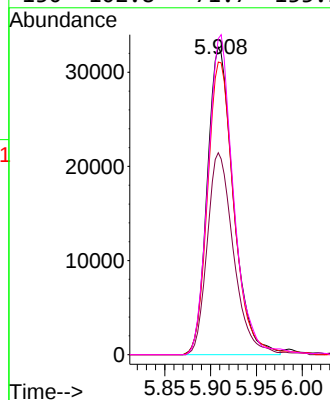
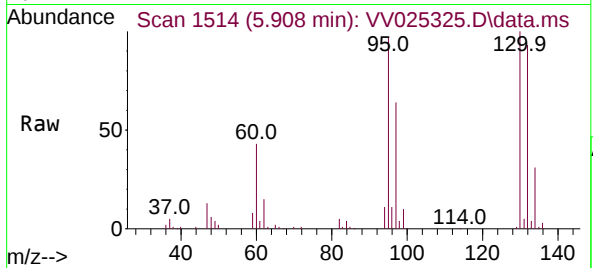




#34
Trichloroethene
Concen: 5.538 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

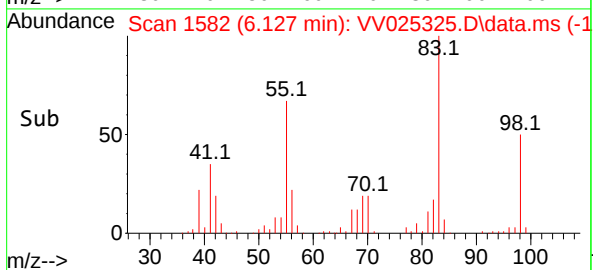
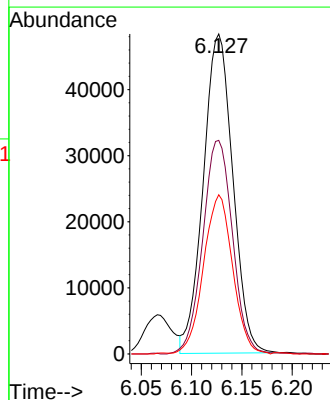
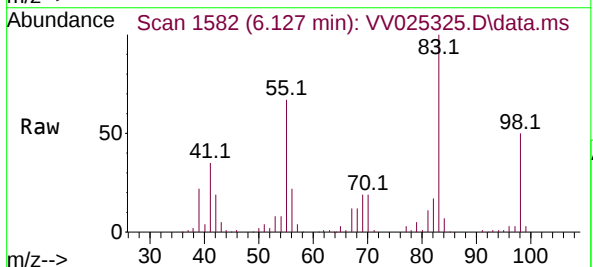
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

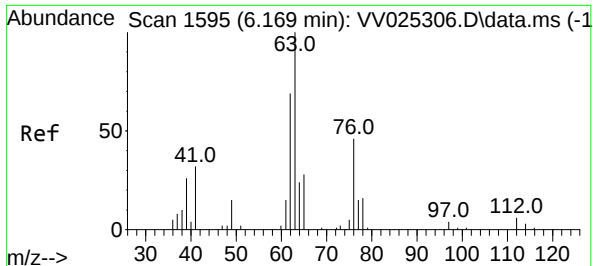
Tgt Ion: 95 Resp: 64647
Ion Ratio Lower Upper
95 100
97 65.7 46.3 85.9
132 95.2 65.2 121.2
130 102.8 71.7 133.1



#35
Methylcyclohexane
Concen: 5.390 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 83 Resp: 98606
Ion Ratio Lower Upper
83 100
55 67.7 54.6 81.8
98 49.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.743 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

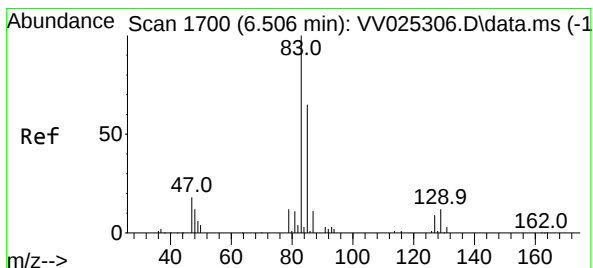
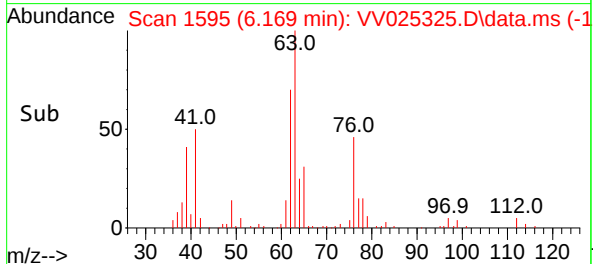
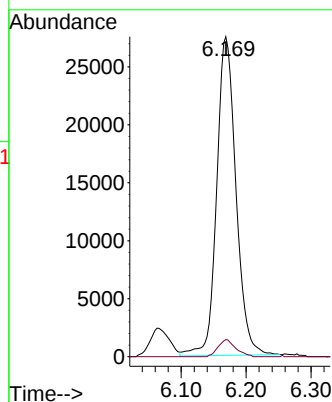
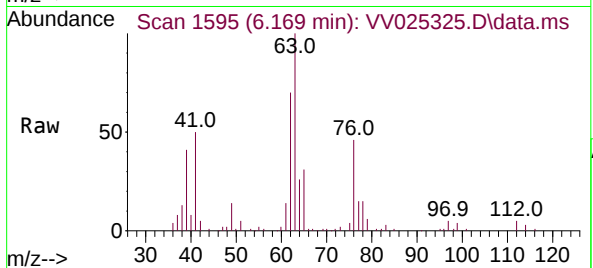
VSTD005360

Tgt Ion: 63 Resp: 56635

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 5.859 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

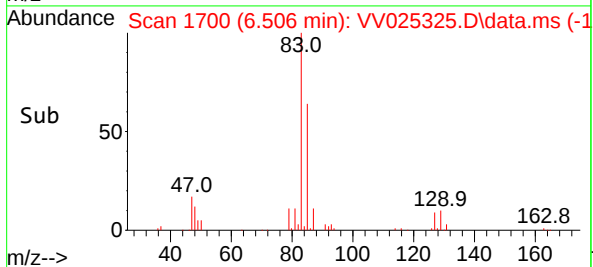
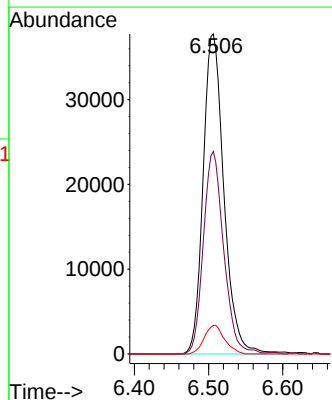
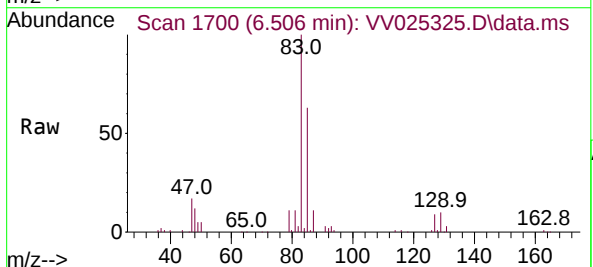
Tgt Ion: 83 Resp: 73205

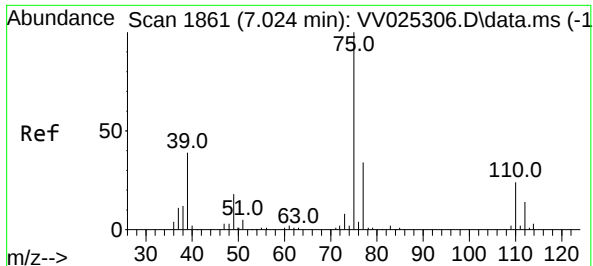
Ion Ratio Lower Upper

83 100

85 63.3 47.2 87.6

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.486 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

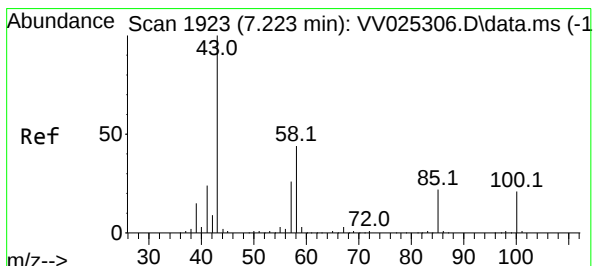
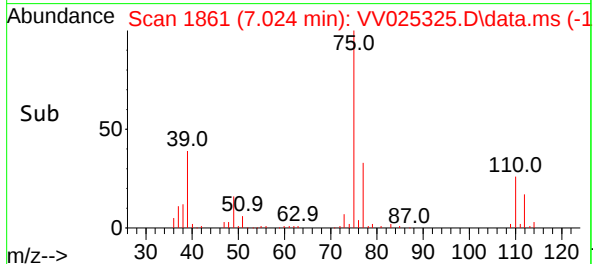
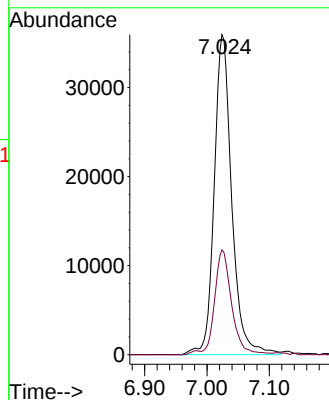
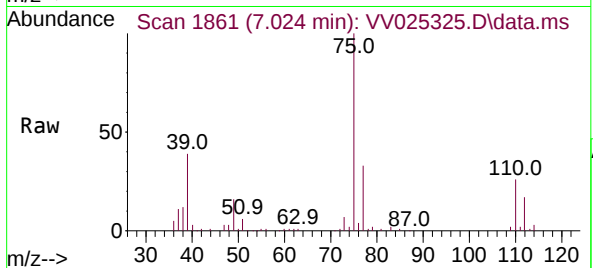
VSTD005360

Tgt Ion: 75 Resp: 70157

Ion Ratio Lower Upper

75 100

77 32.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 56.775 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

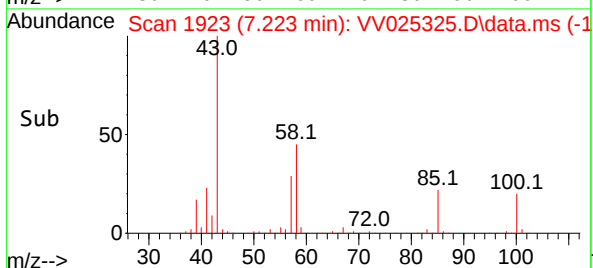
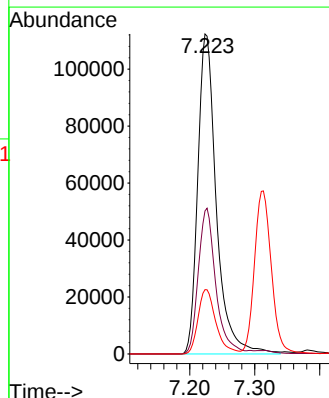
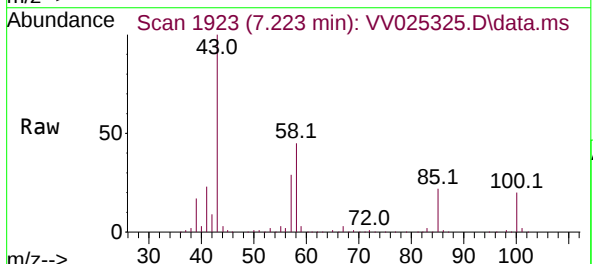
Tgt Ion: 43 Resp: 223567

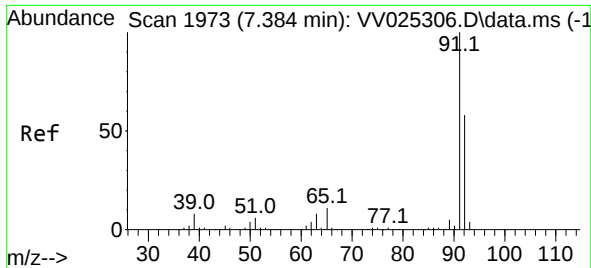
Ion Ratio Lower Upper

43 100

58 43.0 35.1 52.7

100 19.4 15.5 23.3





#42

Toluene

Concen: 5.802 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

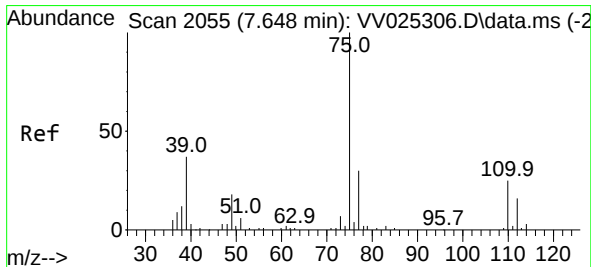
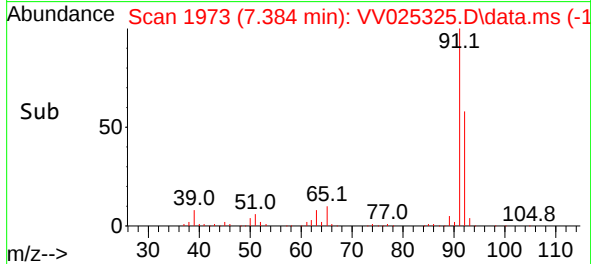
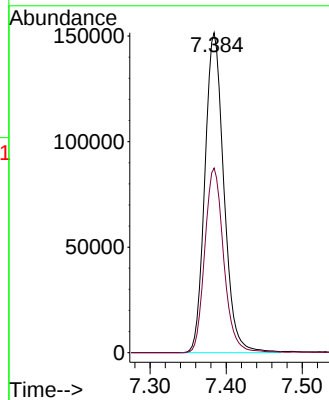
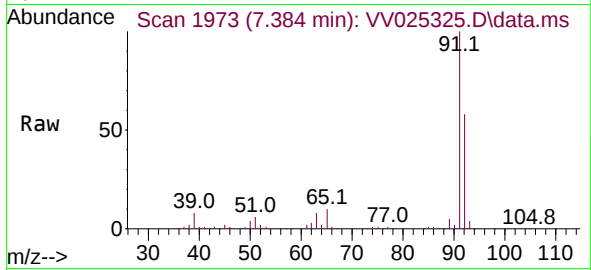
VSTD005360

Tgt Ion: 91 Resp: 263351

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.626 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025325.D

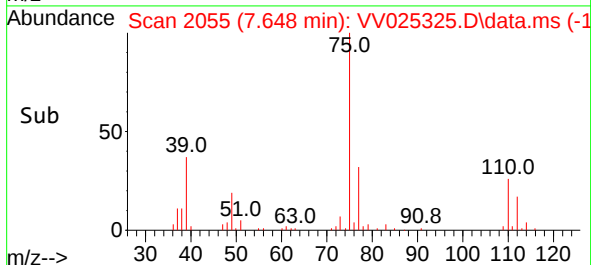
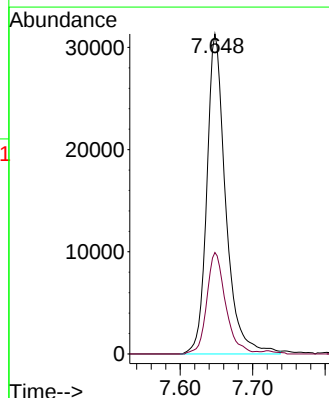
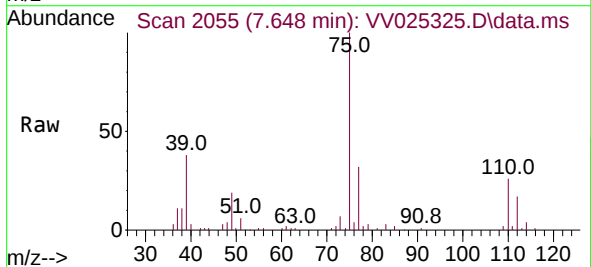
Acq: 31 Mar 2022 10:13

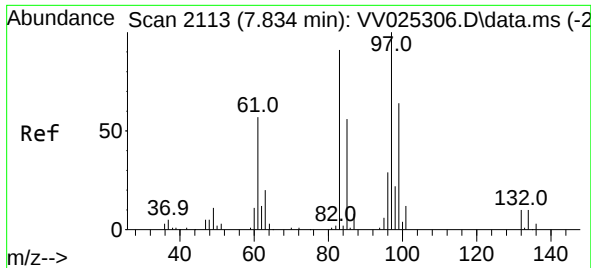
Tgt Ion: 75 Resp: 56557

Ion Ratio Lower Upper

75 100

77 31.7 24.2 45.0

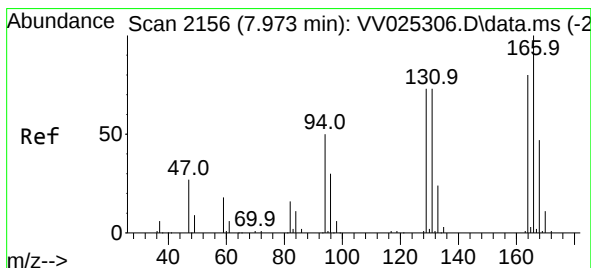
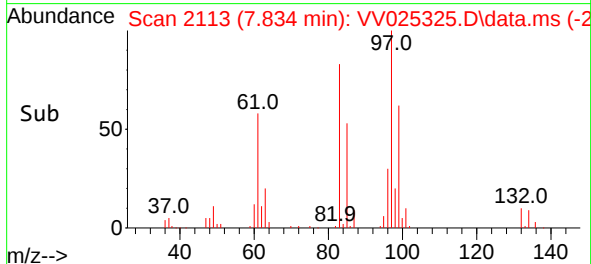
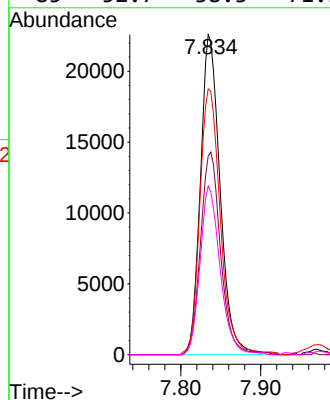
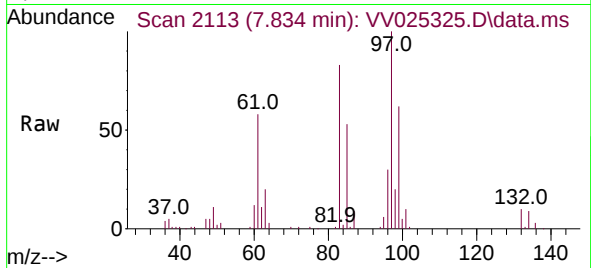




#45
1,1,2-Trichloroethane
Concen: 5.729 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

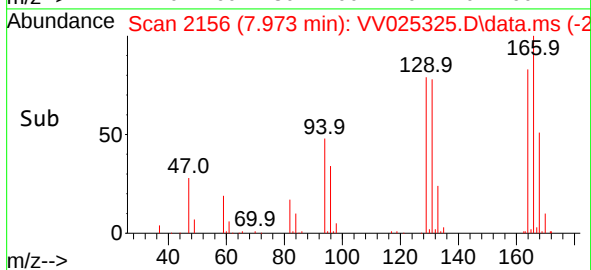
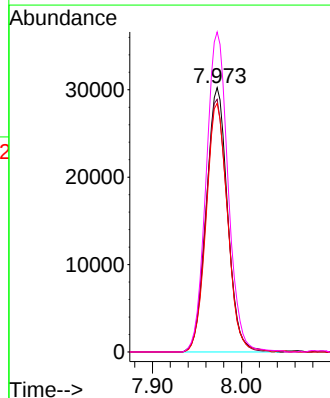
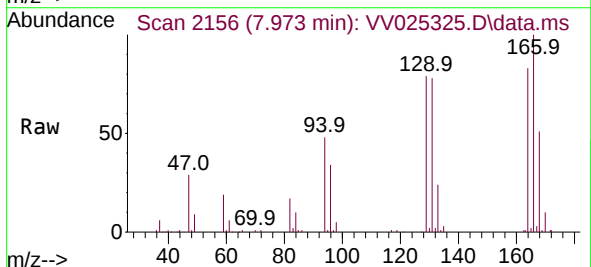
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

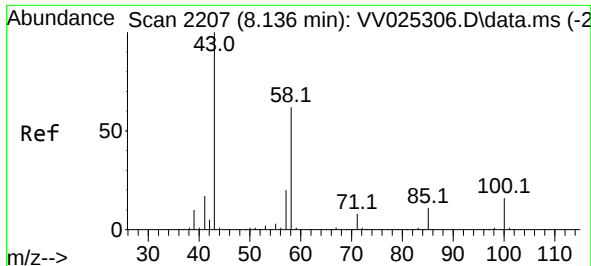
Tgt Ion:	97	Resp:	38687
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.3	80.5
83	83.0	58.0	107.6
85	52.7	38.3	71.1



#47
Tetrachloroethene
Concen: 5.830 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion:	164	Resp:	50189
Ion	Ratio	Lower	Upper
164	100		
129	95.6	67.5	125.4
131	94.1	68.0	126.4
166	121.1	86.2	160.2

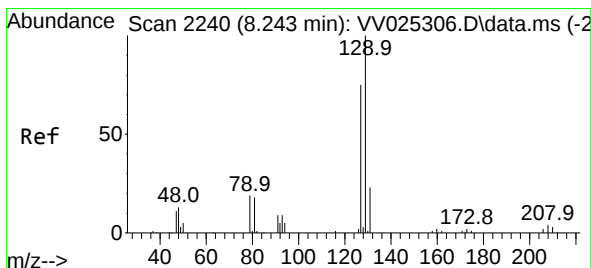
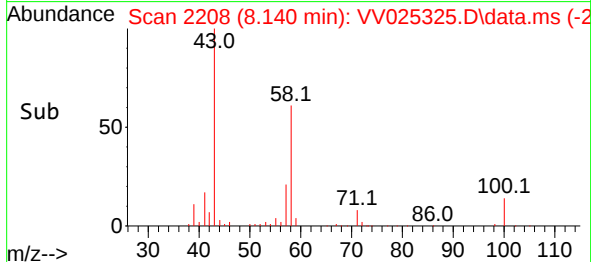
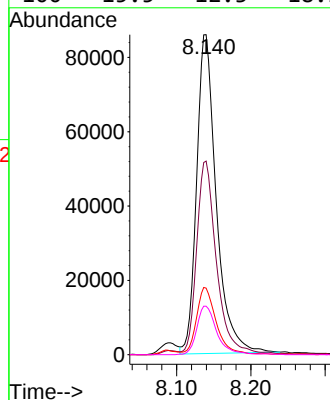
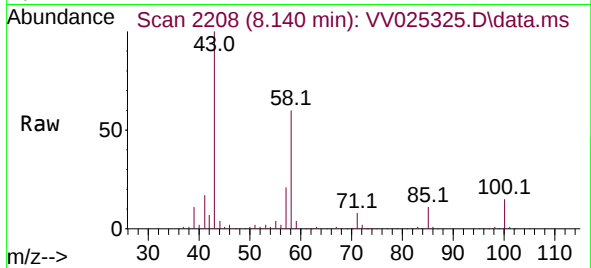




#48
2-Hexanone
Concen: 56.167 ug/L
RT: 8.140 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

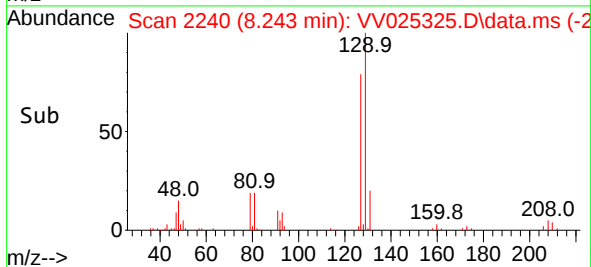
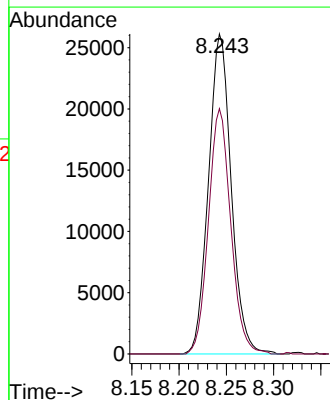
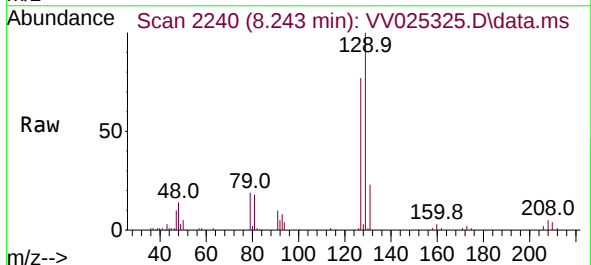
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

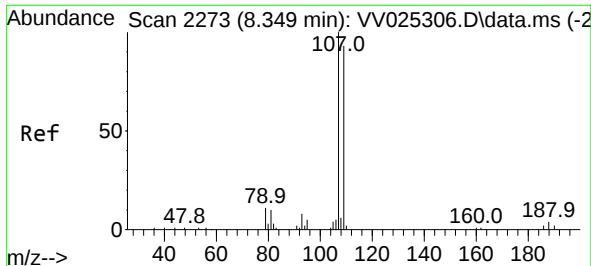
Tgt Ion:	43	Resp:	158186
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.5	72.7
57	20.6	16.9	25.3
100	15.5	12.3	18.5



#49
Dibromochloromethane
Concen: 6.011 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion:	129	Resp:	43682
Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.562 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005360

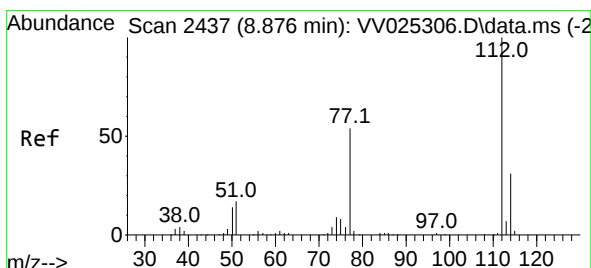
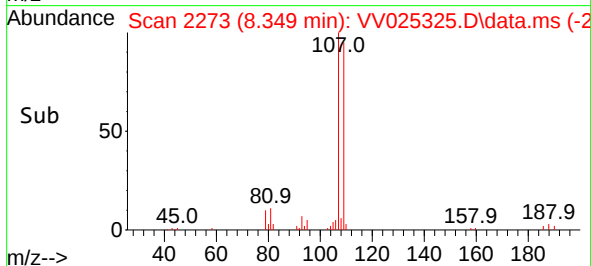
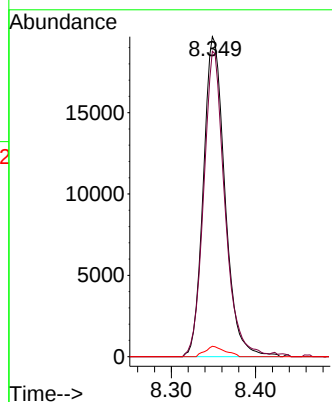
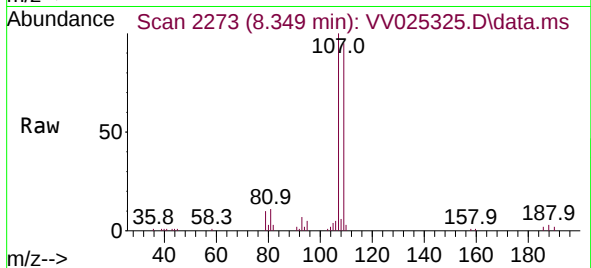
Tgt Ion:107 Resp: 34989

Ion Ratio Lower Upper

107 100

109 95.4 64.7 120.1

188 3.3 2.2 3.4



#51

Chlorobenzene

Concen: 5.622 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

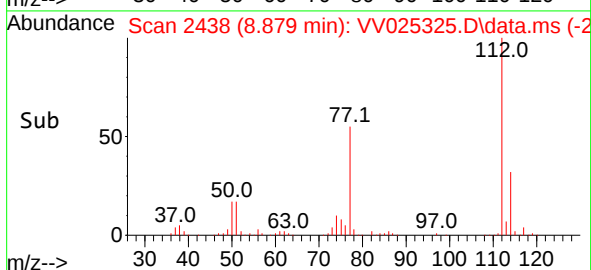
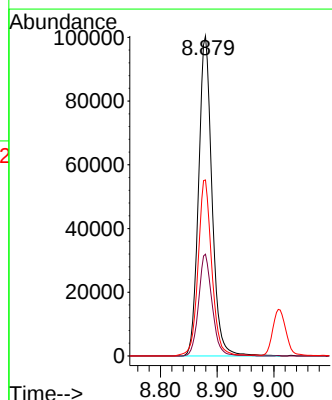
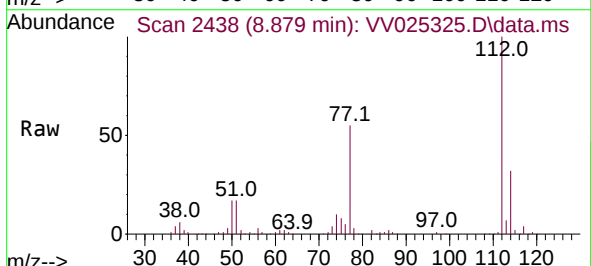
Tgt Ion:112 Resp: 164781

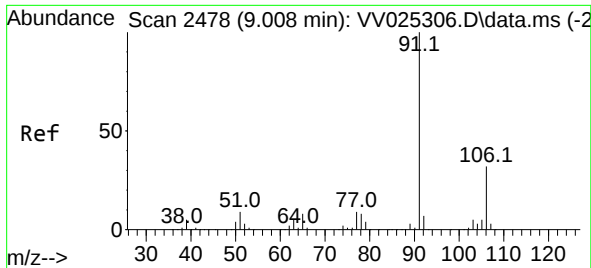
Ion Ratio Lower Upper

112 100

114 31.8 21.9 40.7

77 55.0 44.2 66.4

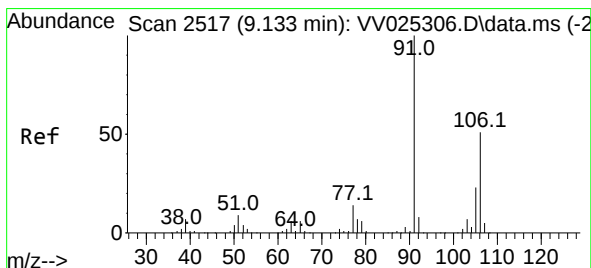
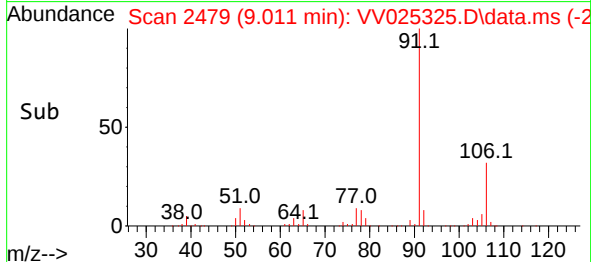
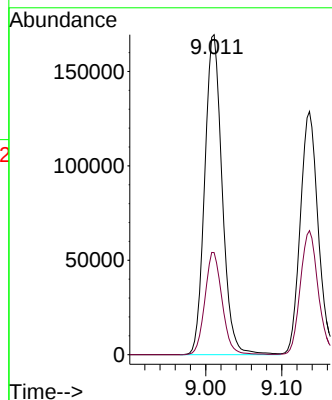
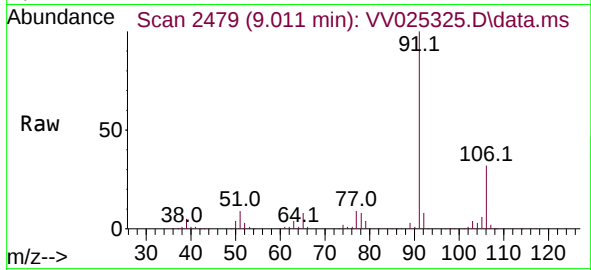




#52
Ethylbenzene
Concen: 5.618 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

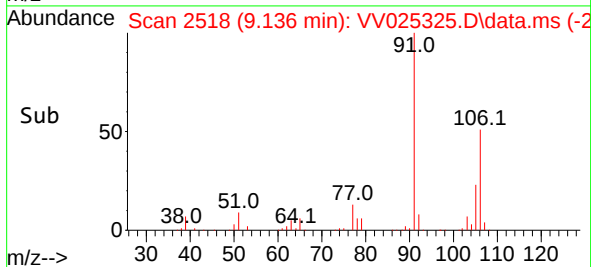
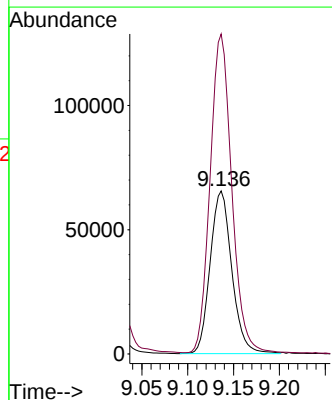
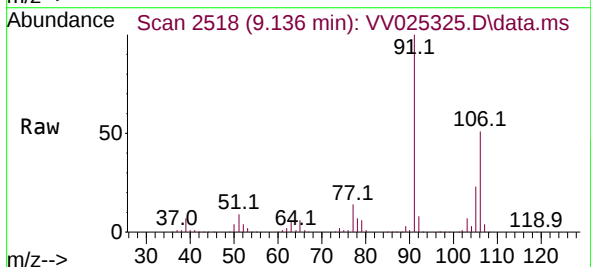
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

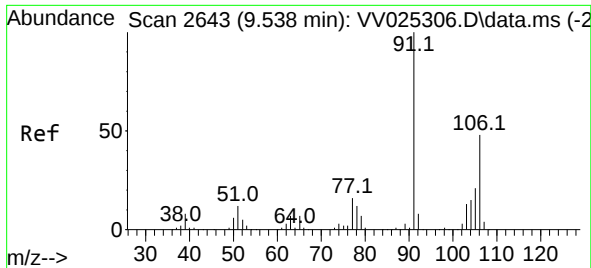
Tgt Ion: 91 Resp: 270437
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#53
m,p-Xylene
Concen: 5.739 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 106 Resp: 107442
Ion Ratio Lower Upper
106 100
91 196.2 136.8 254.0

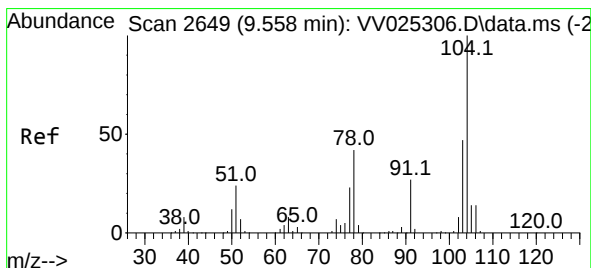
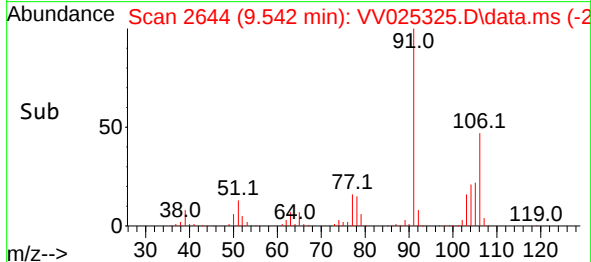
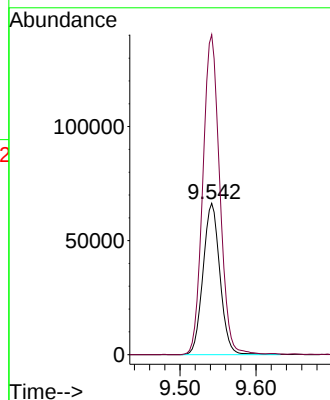
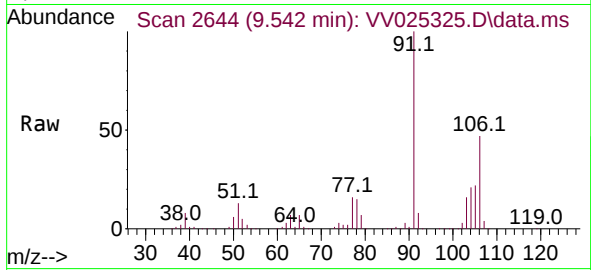




#54
o-Xylene
Concen: 5.725 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

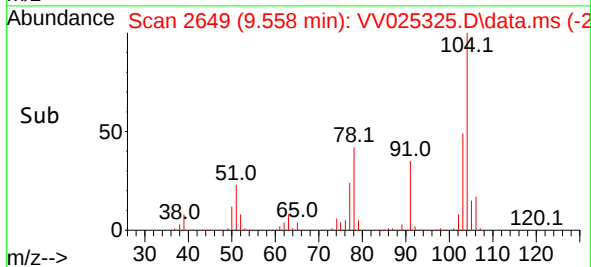
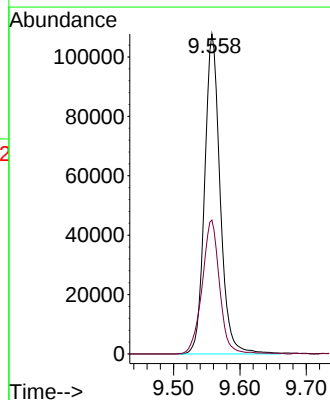
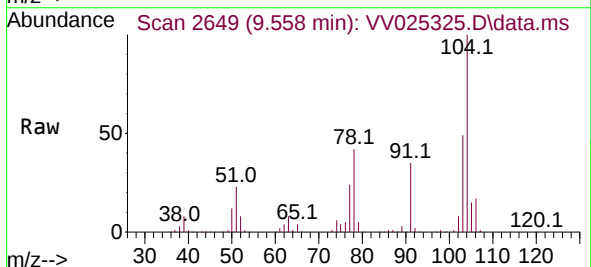
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

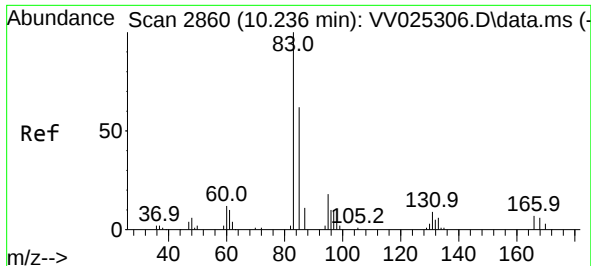
Tgt Ion:106 Resp: 102473
Ion Ratio Lower Upper
106 100
91 211.5 143.0 265.6



#55
Styrene
Concen: 5.964 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion:104 Resp: 175529
Ion Ratio Lower Upper
104 100
78 41.9 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.419 ug/L

RT: 10.239 min Scan# 2860

Delta R.T. 0.003 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005360

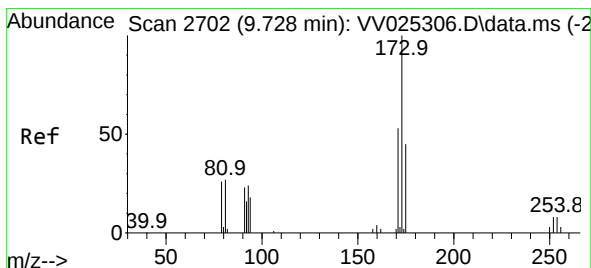
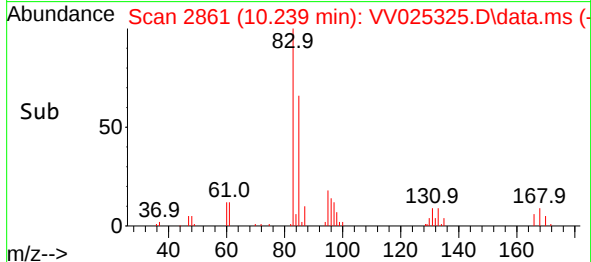
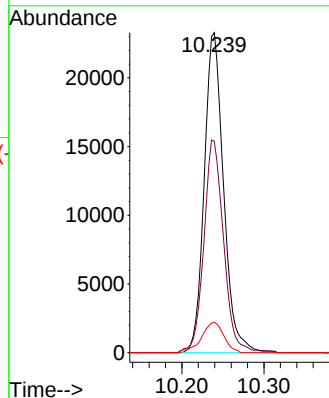
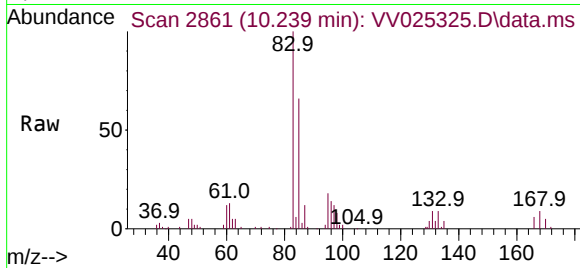
Tgt Ion: 83 Resp: 38145

Ion Ratio Lower Upper

83 100

85 66.1 46.2 85.8

131 9.5 8.1 12.1



#59

Bromoform

Concen: 6.378 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

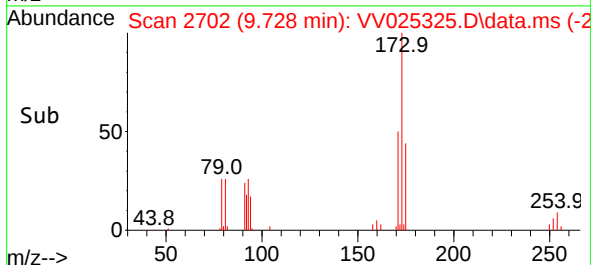
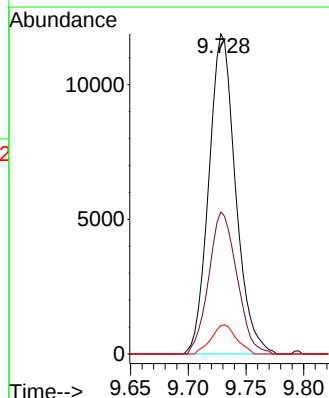
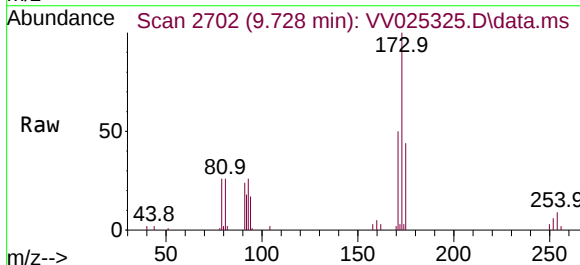
Tgt Ion: 173 Resp: 19135

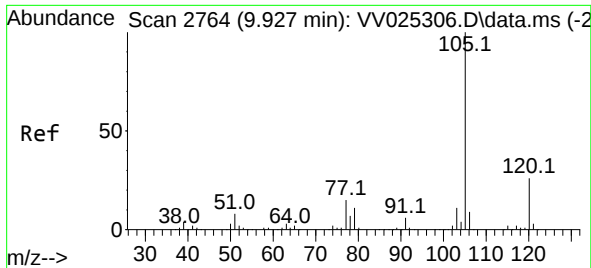
Ion Ratio Lower Upper

173 100

175 46.7 39.4 59.0

254 8.6 5.6 8.4#

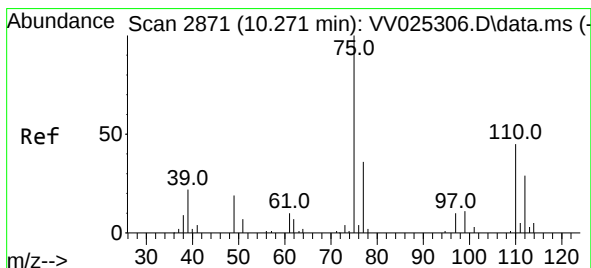
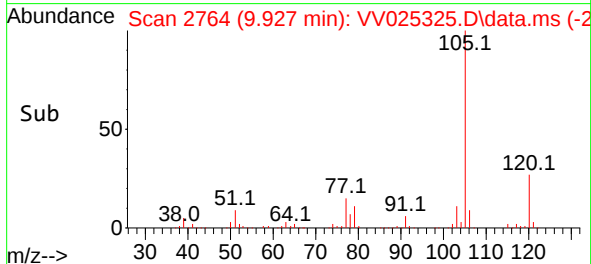
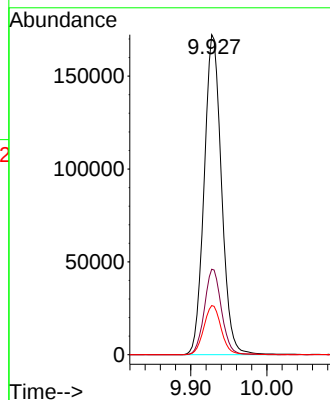
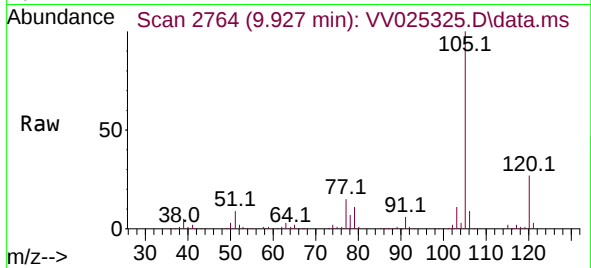




#60
Isopropylbenzene
Concen: 5.600 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

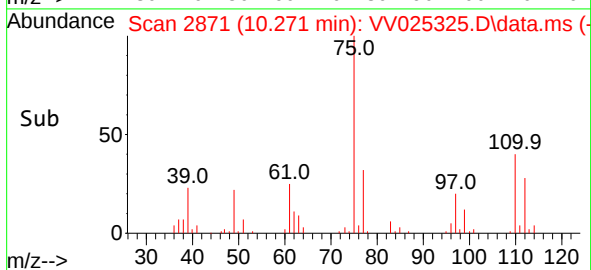
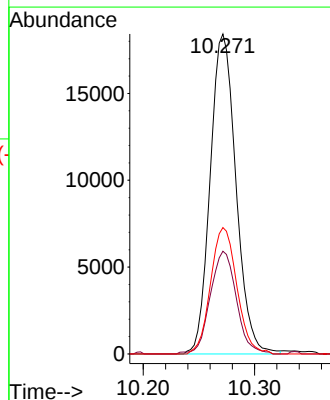
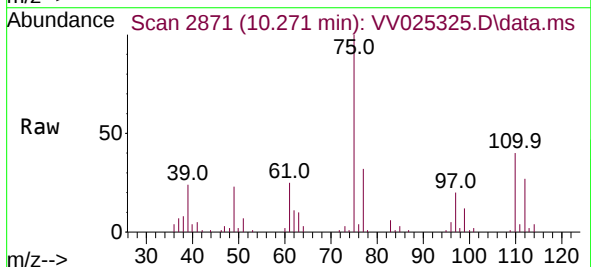
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

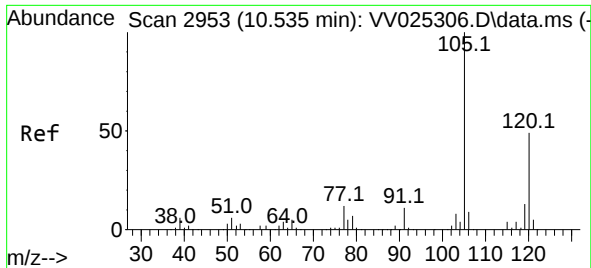
Tgt Ion:105 Resp: 272635
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.333 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 75 Resp: 29620
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 40.3 31.6 47.4

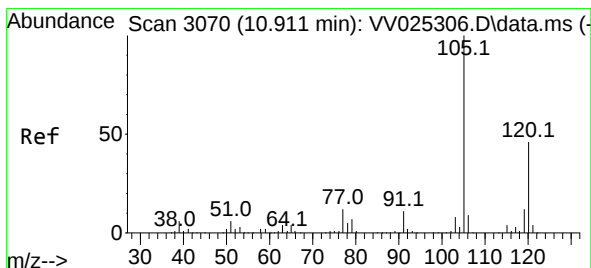
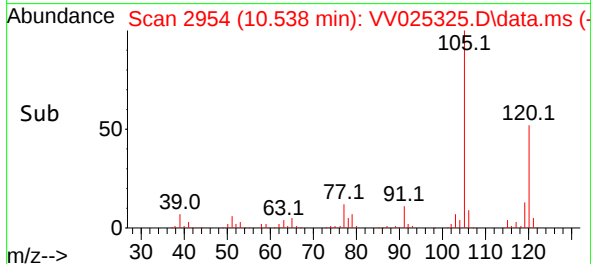
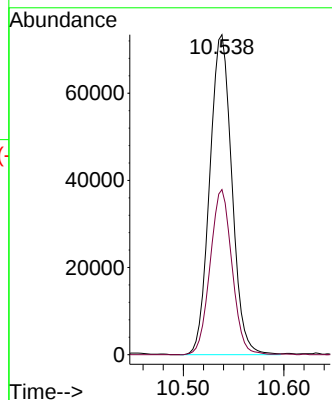
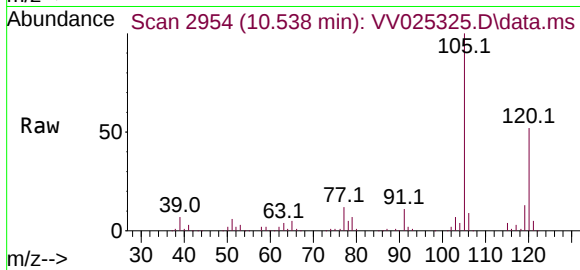




#62
1,3,5-Trimethylbenzene
Concen: 5.152 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

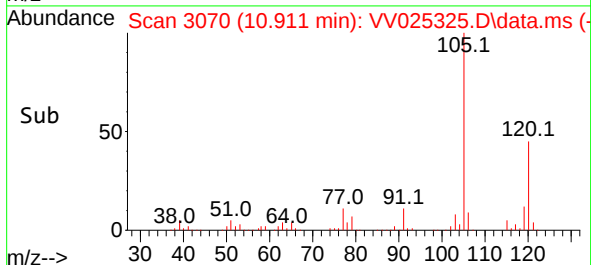
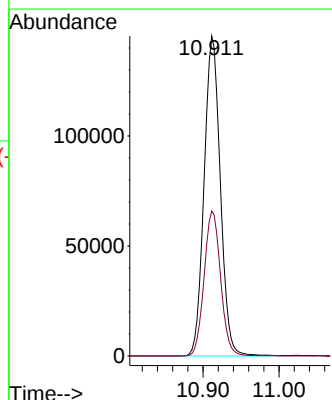
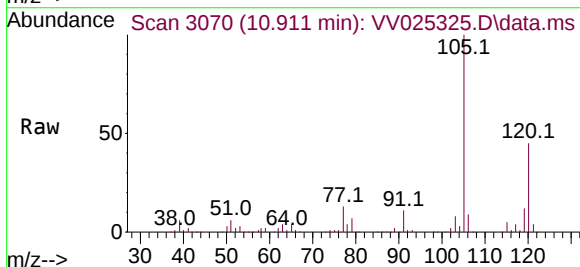
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

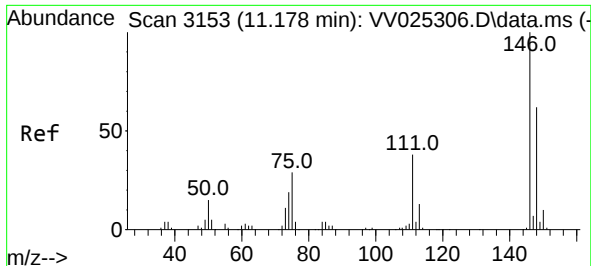
Tgt Ion:105 Resp: 112454
Ion Ratio Lower Upper
105 100
120 50.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.544 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion:105 Resp: 215894
Ion Ratio Lower Upper
105 100
120 46.0 36.5 54.7

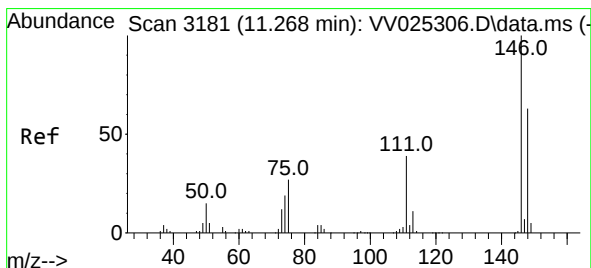
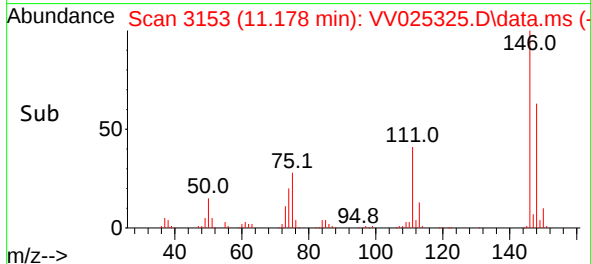
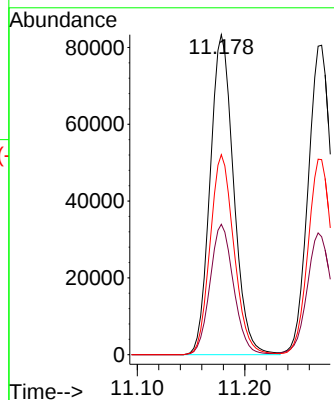
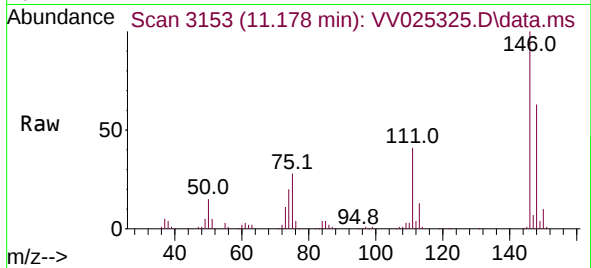




#64
1,3-Dichlorobenzene
Concen: 5.567 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

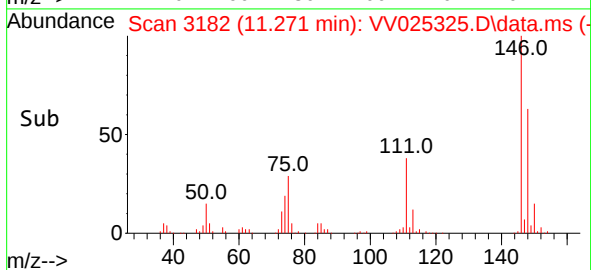
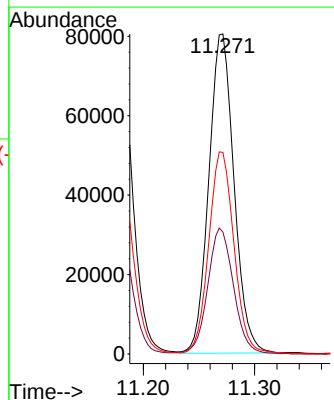
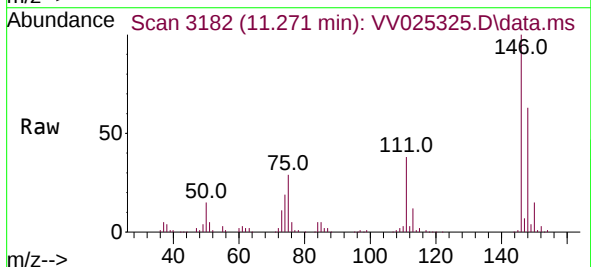
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

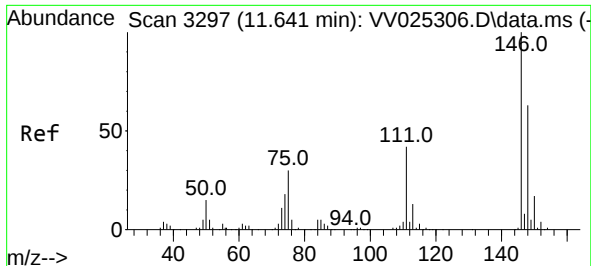
Tgt Ion:146 Resp: 126919
Ion Ratio Lower Upper
146 100
111 40.7 29.0 53.8
148 62.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.538 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion:146 Resp: 126437
Ion Ratio Lower Upper
146 100
111 38.1 27.9 51.9
148 63.0 45.6 84.8

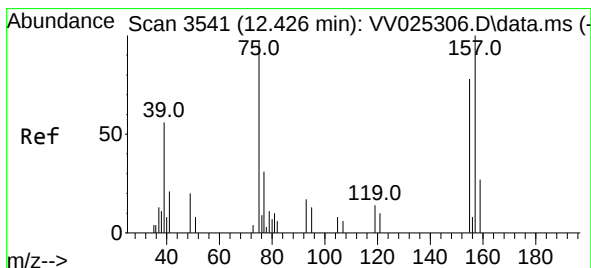
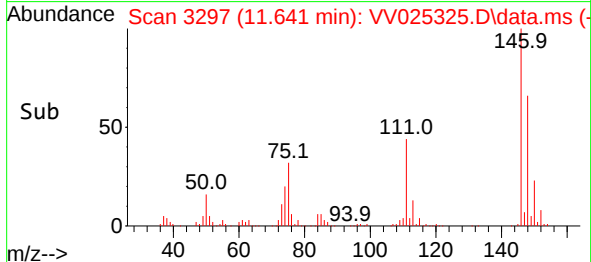
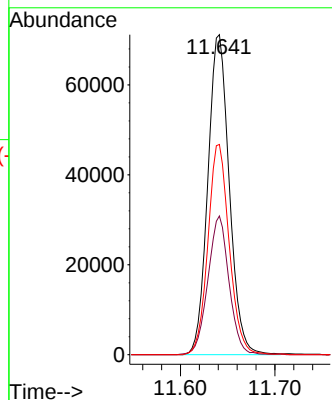
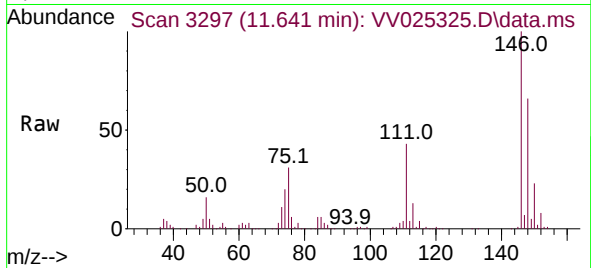




#67
1,2-Dichlorobenzene
Concen: 5.590 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

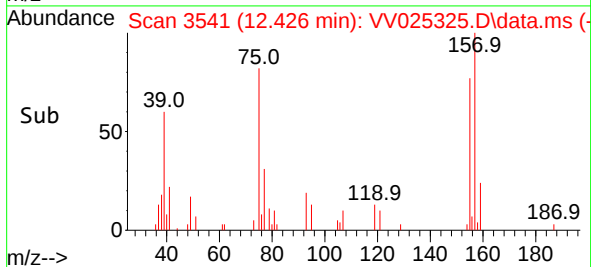
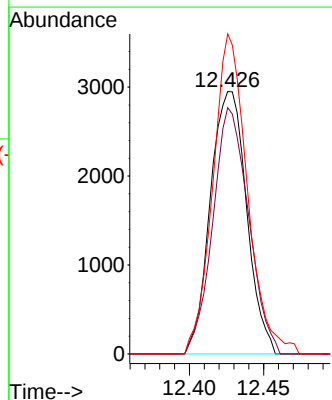
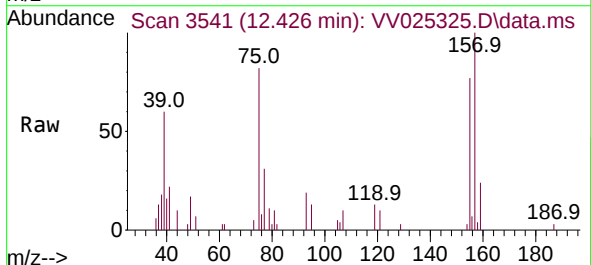
Instrument :
MSVOA_V
ClientSampleId :
VSTD005360

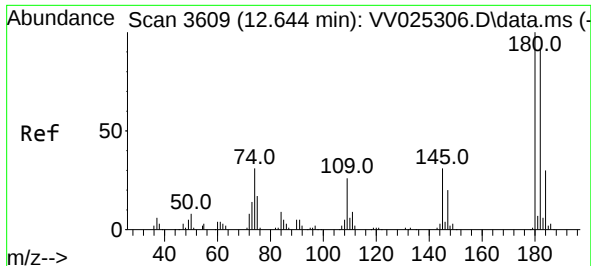
Tgt Ion:146 Resp: 112146
Ion Ratio Lower Upper
146 100
111 43.4 33.0 49.6
148 65.7 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.032 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025325.D
Acq: 31 Mar 2022 10:13

Tgt Ion: 75 Resp: 5004
Ion Ratio Lower Upper
75 100
155 93.8 80.0 120.0
157 121.9 94.5 141.7

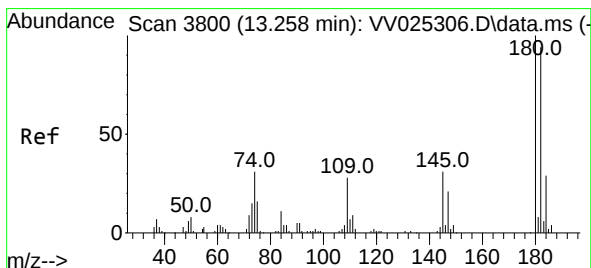
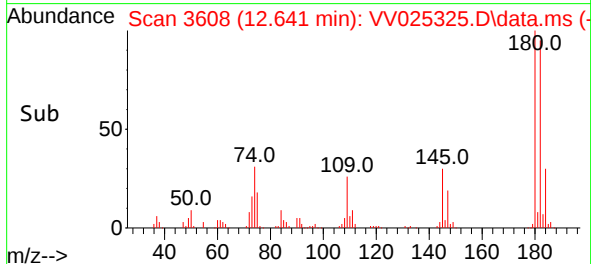
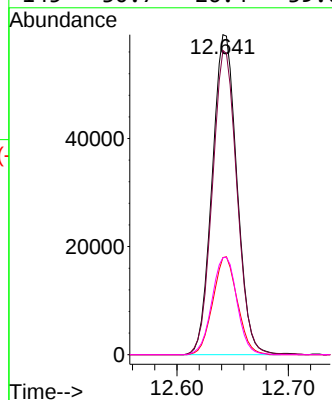
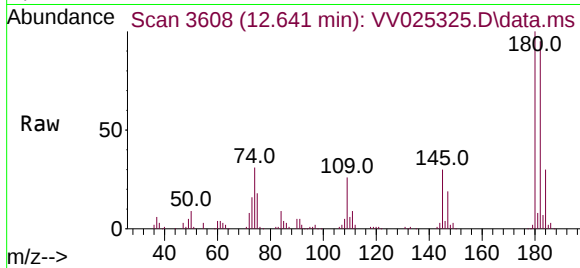




#69
 1,3,5-Trichlorobenzene
 Concen: 5.556 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

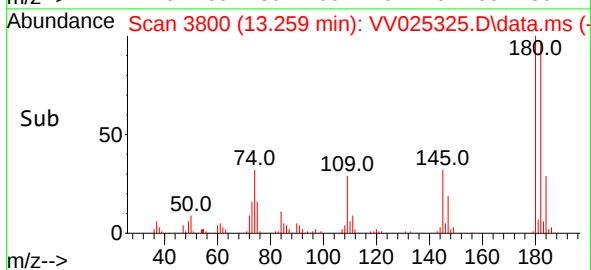
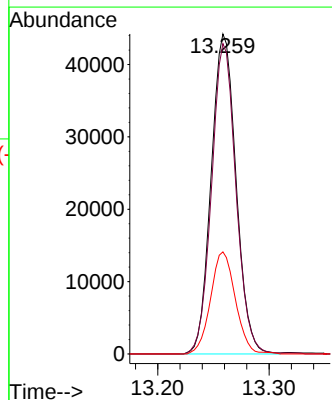
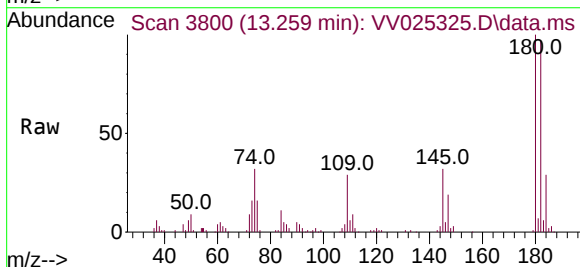
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

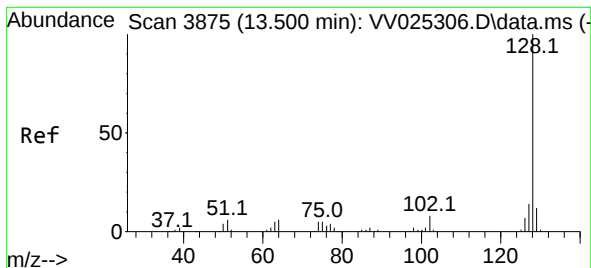
Tgt Ion:180	Resp:	91367
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.1 115.7
184	30.2	23.6 35.4
145	30.7	26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.521 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025325.D
 Acq: 31 Mar 2022 10:13

Tgt Ion:180	Resp:	68514
Ion Ratio	Lower	Upper
180	100	
182	95.3	77.5 116.3
145	31.8	26.2 39.4





#71

Naphthalene

Concen: 5.071 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005360

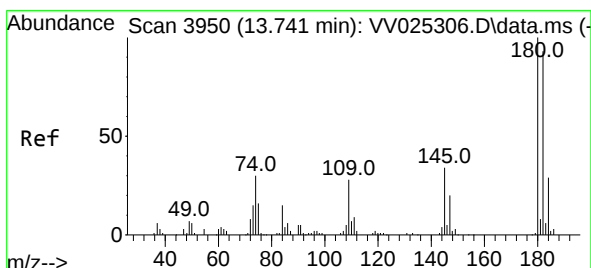
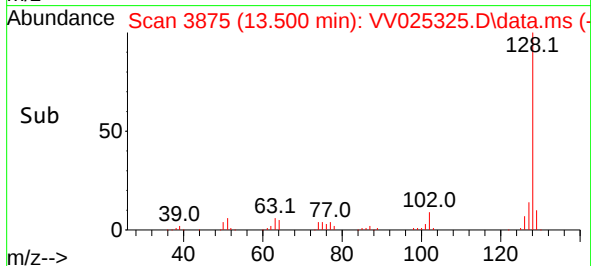
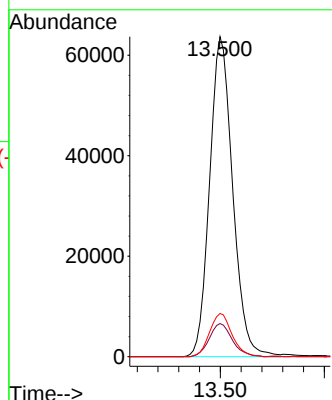
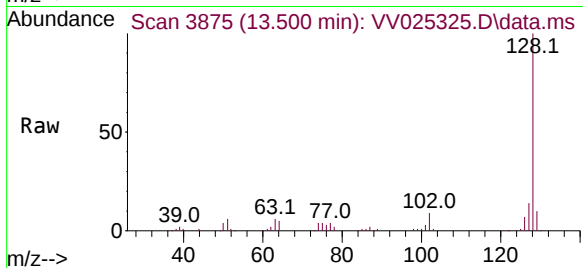
Tgt Ion:128 Resp: 98076

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

127 13.2 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.620 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025325.D

Acq: 31 Mar 2022 10:13

Tgt Ion:180 Resp: 60090

Ion Ratio Lower Upper

180 100

182 92.3 75.8 113.6

145 32.1 28.6 42.8

