

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123021\
 Data File : VW024240.D
 Acq On : 30 Dec 2021 14:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Dec 31 03:40:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 31 03:39:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	85936	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	88170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	56375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38793	6.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 120.000%	
7) Chloroethane-d5	1.568	69	28729	5.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 106.600%	
11) 1,1-Dichloroethene-d2	2.111	63	87494	5.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 111.400%	
20) 2-Butanone-d5	3.892	46	51416	71.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 143.220%#	
24) Chloroform-d	4.343	84	77800	5.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.400%	
26) 1,2-Dichloroethane-d4	5.031	65	37029	6.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 120.600%	
32) Benzene-d6	5.043	84	138352	5.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.200%	
36) 1,2-Dichloropropane-d6	6.063	67	37759	5.789	ug/L	0.00
41) Toluene-d8	7.313	98	140812	6.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 120.000%	
43) trans-1,3-Dichloroprop...	7.619	79	15800	5.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 114.400%	
46) 2-Hexanone-d5	8.085	63	60492	65.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 130.280%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30247	6.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 135.800%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	55405	5.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 113.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	110655	5.571	ug/L	99
3) Chloromethane	1.240	50	72267	4.814	ug/L	100
5) Vinyl chloride	1.311	62	79295	5.161	ug/L	93
6) Bromomethane	1.523	94	41047	4.188	ug/L	98
8) Chloroethane	1.584	64	49920	5.589	ug/L	96
9) Trichlorofluoromethane	1.754	101	142077	5.690	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	68420	5.708	ug/L	98
12) 1,1-Dichloroethene	2.118	96	63867	5.413	ug/L	91
13) Acetone	2.188	43	49175	48.258	ug/L	80
14) Carbon disulfide	2.294	76	196005	5.141	ug/L	100
15) Methyl Acetate	2.436	43	13404	5.298	ug/L #	85
16) Methylene chloride	2.503	84	66863	5.302	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	127354	5.338	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	66668	5.320	ug/L	99
19) 1,1-Dichloroethane	3.185	63	107161	5.137	ug/L	99
21) 2-Butanone	3.976	43	83194	62.052	ug/L	90
22) cis-1,2-Dichloroethene	3.905	96	66575	5.369	ug/L	96
23) Bromochloromethane	4.240	128	30553	5.155	ug/L #	89
25) Chloroform	4.368	83	122033	5.235	ug/L	97
27) 1,2-Dichloroethane	5.127	62	70045	5.368	ug/L	98

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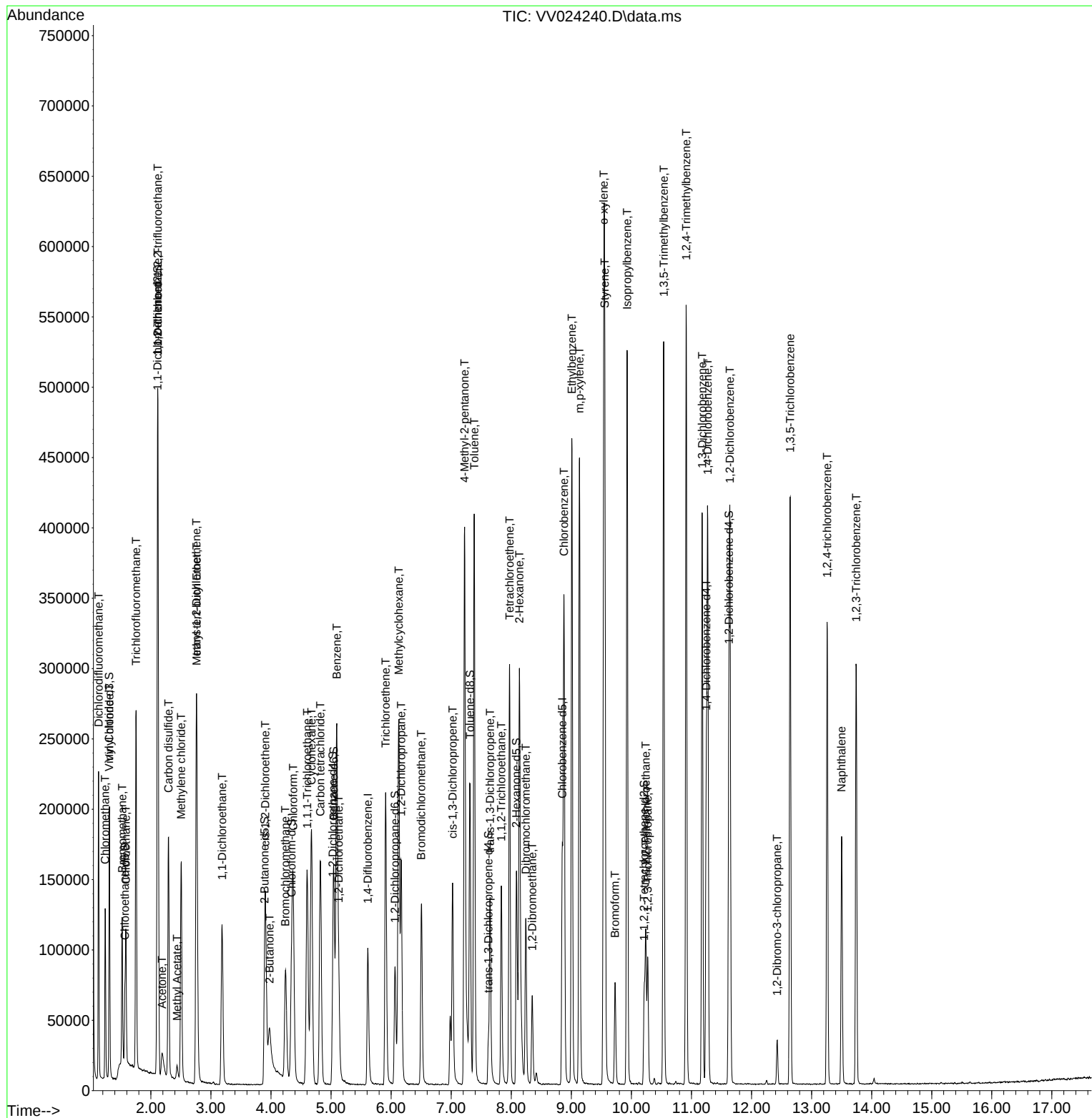
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.603	97	122869	5.526	ug/L	99
30) Cyclohexane	4.674	56	93375	5.645	ug/L	95
31) Carbon tetrachloride	4.822	117	116113	5.631	ug/L	98
33) Benzene	5.095	78	251222	5.431	ug/L	100
34) Trichloroethene	5.908	95	67564	5.176	ug/L	98
35) Methylcyclohexane	6.127	83	108392	5.734	ug/L	96
37) 1,2-Dichloropropane	6.169	63	55309	5.186	ug/L	99
38) Bromodichloromethane	6.503	83	84698	5.542	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84816	5.486	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	282146	55.348	ug/L	96
42) Toluene	7.384	91	293439	5.685	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	74435	5.638	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	42454	5.369	ug/L	96
47) Tetrachloroethene	7.973	164	67068	5.775	ug/L	99
48) 2-Hexanone	8.137	43	201979	54.138	ug/L	98
49) Dibromochloromethane	8.243	129	60408	5.680	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42164	5.612	ug/L	96
51) Chlorobenzene	8.879	112	186725	5.460	ug/L	99
52) Ethylbenzene	9.008	91	311344	5.673	ug/L	98
53) m,p-xylene	9.137	106	128035	5.881	ug/L	99
54) o-xylene	9.542	106	121574	5.832	ug/L	99
55) Styrene	9.558	104	209139	5.955	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46264	6.037	ug/L	98
59) Bromoform	9.728	173	34019	5.599	ug/L	99
60) Isopropylbenzene	9.931	105	325007	5.453	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34380	5.154	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	273827	5.449	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	286101	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	164940	5.341	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	161725	5.284	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	147430	5.274	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	7394	5.140	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	131351	5.341	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	102111	5.392	ug/L	98
71) Naphthalene	13.500	128	143099	5.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	93084	5.589	ug/L	98

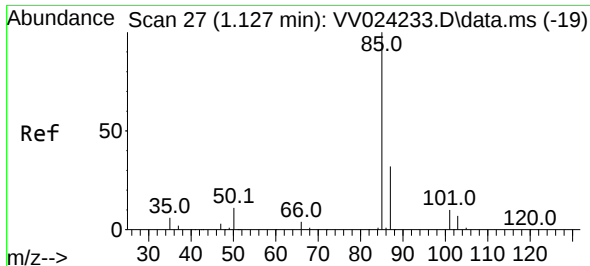
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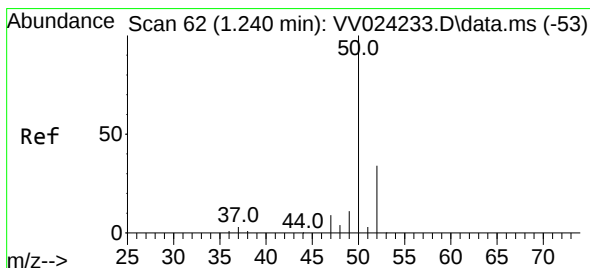
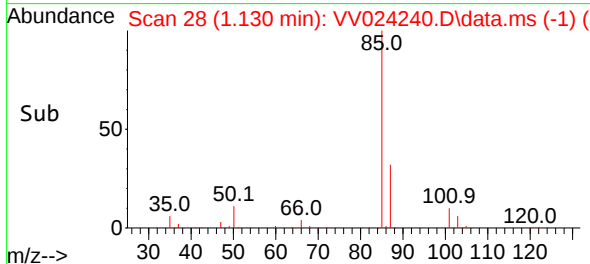
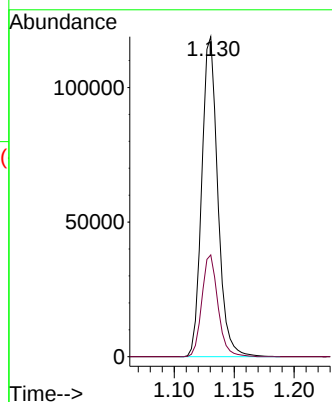
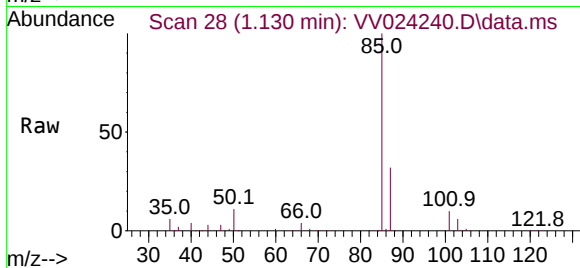




#2
 Dichlorodifluoromethane
 Concen: 5.571 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

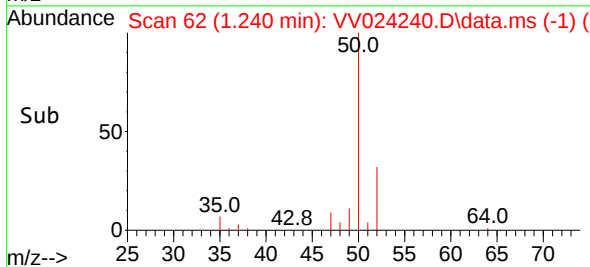
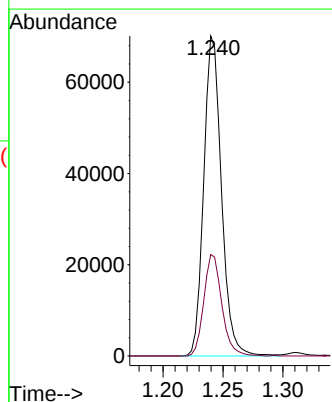
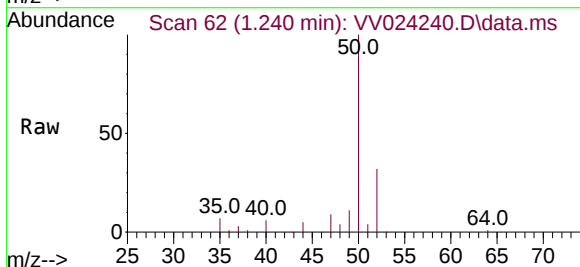
Instrument :
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 ClientSampleId :
 VSTD005290

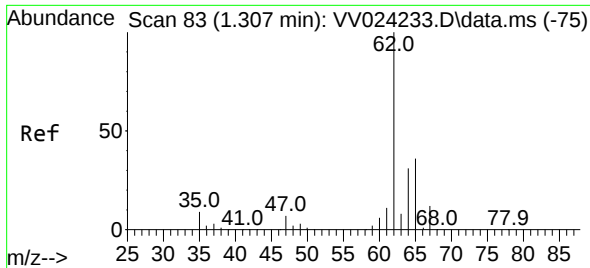
Tgt Ion: 85 Resp: 110655
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.814 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

Tgt Ion: 50 Resp: 72267
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.0 41.0

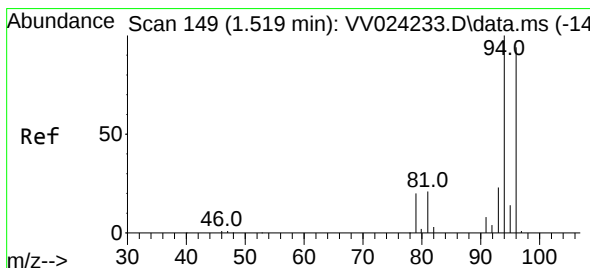
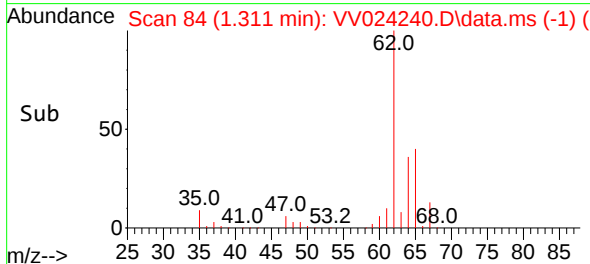
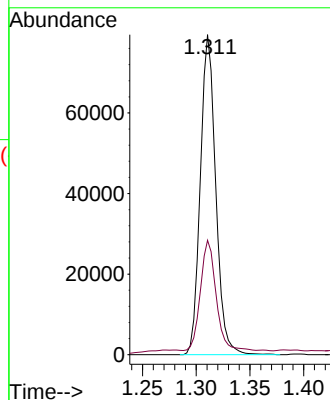
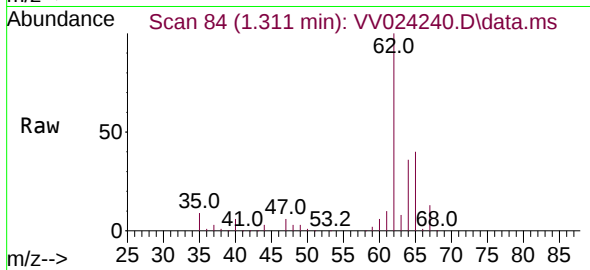




#5
 Vinyl chloride
 Concen: 5.161 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

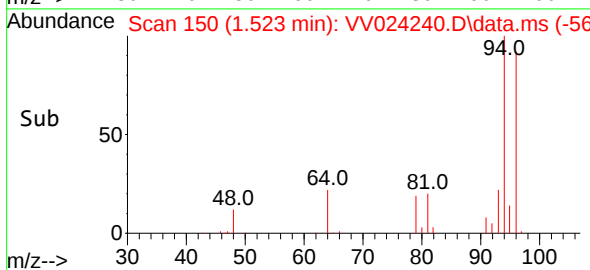
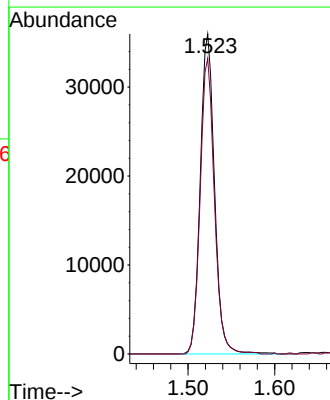
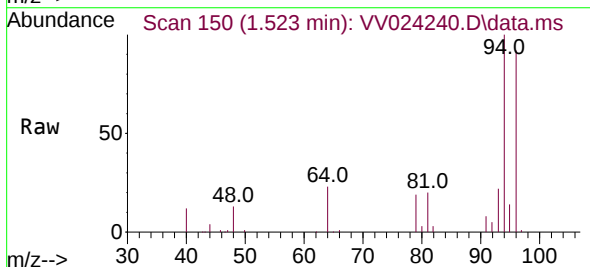
Instrument :
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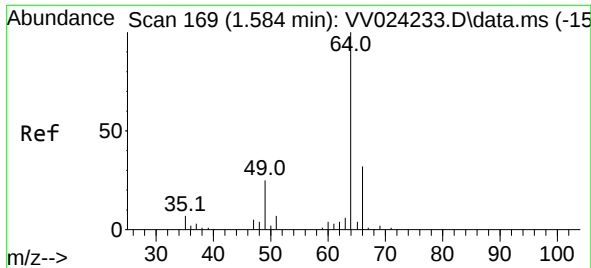
Tgt Ion: 62 Resp: 79295
 Ion Ratio Lower Upper
 62 100
 64 35.8 22.4 41.6



#6
 Bromomethane
 Concen: 4.188 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

Tgt Ion: 94 Resp: 41047
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.2 123.0

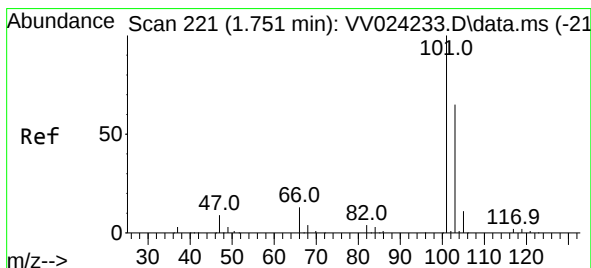
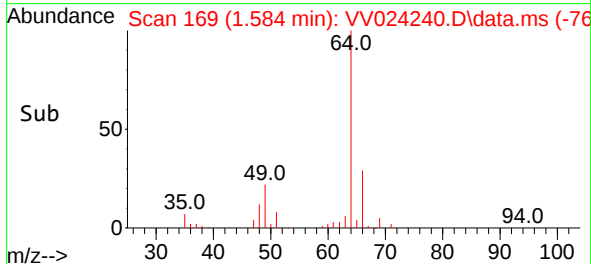
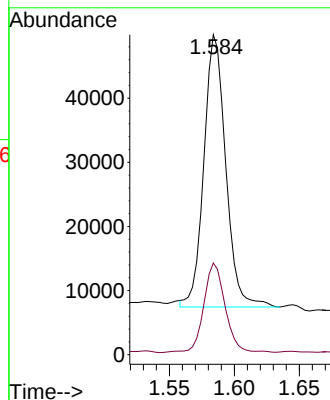
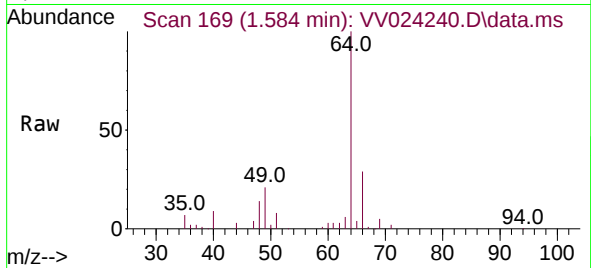




#8
Chloroethane
Concen: 5.589 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

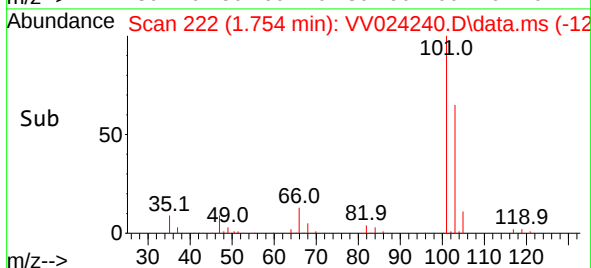
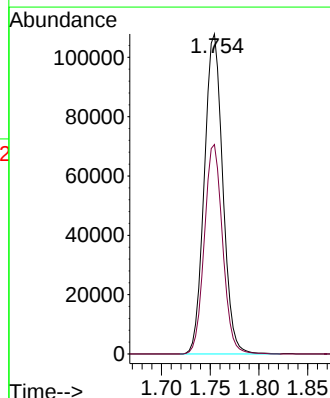
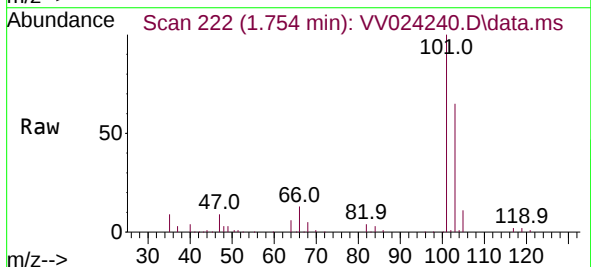
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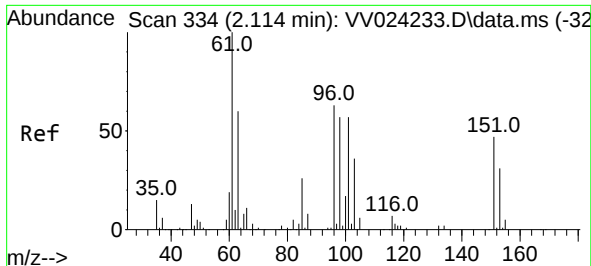
Tgt Ion: 64 Resp: 49920
Ion Ratio Lower Upper
64 100
66 28.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.690 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion:101 Resp: 142077
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4





#10

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

Concen: 5.708 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

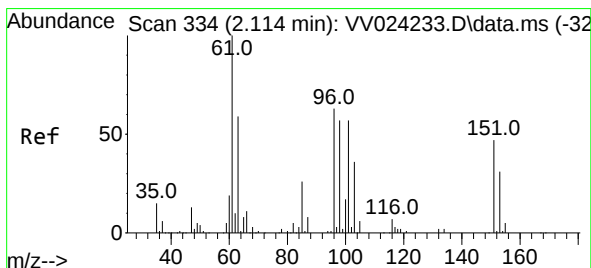
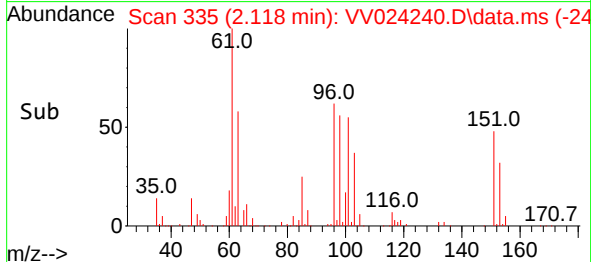
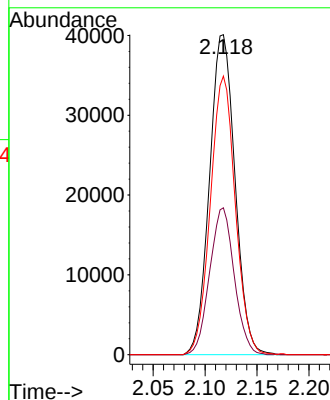
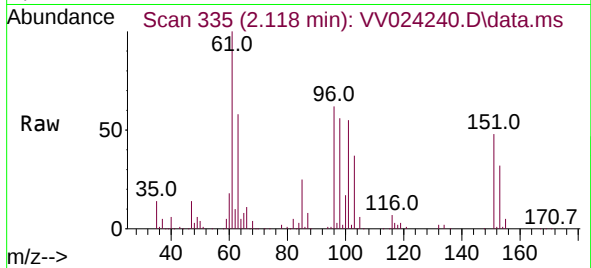
Tgt Ion:101 Resp: 68420

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

151 85.1 66.4 99.6



#12

1,1-Dichloroethene

Concen: 5.413 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

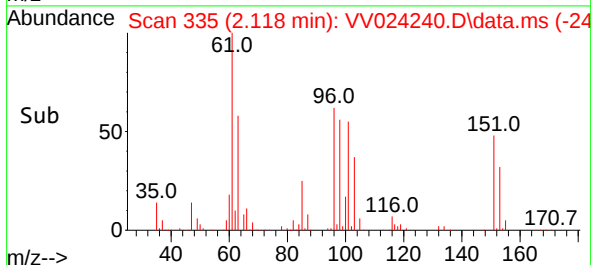
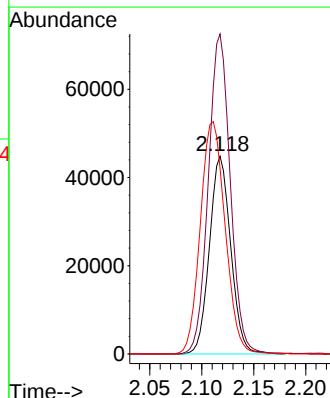
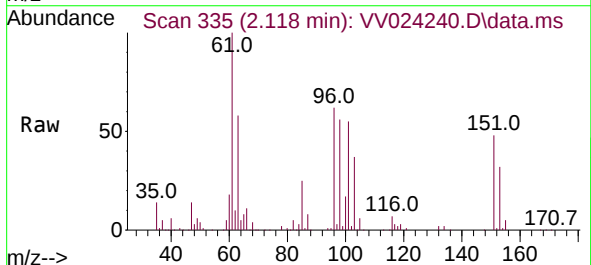
Tgt Ion: 96 Resp: 63867

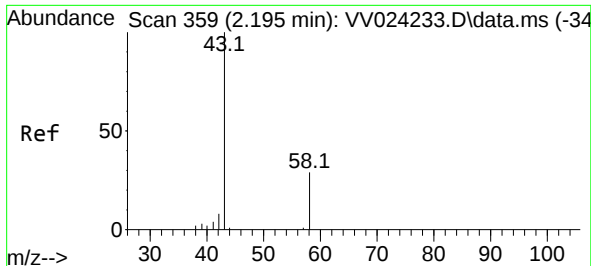
Ion Ratio Lower Upper

96 100

61 161.9 116.1 215.5

63 94.1 79.4 147.4

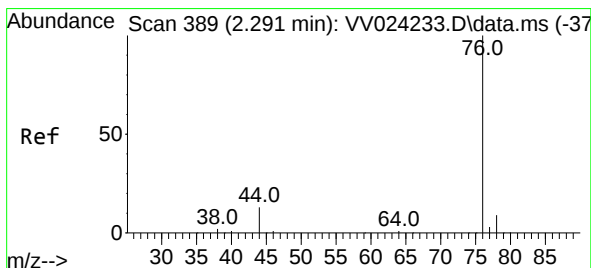
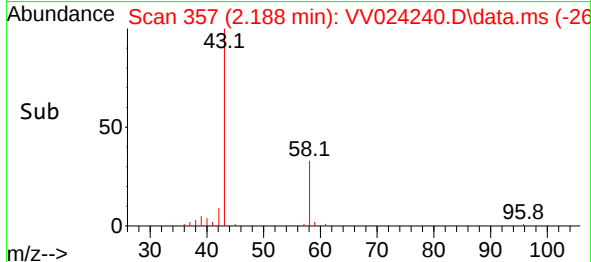
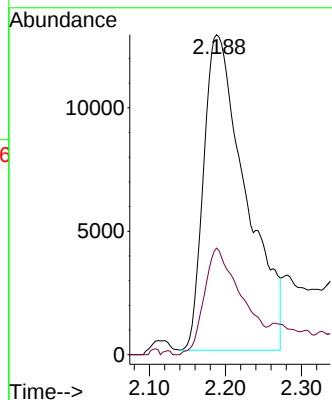
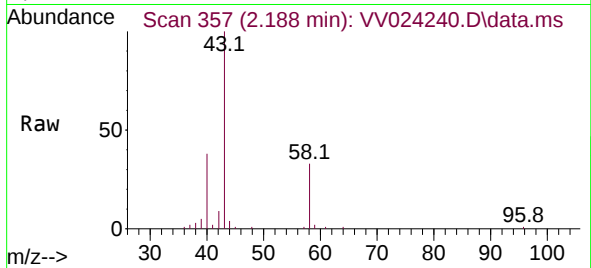




#13
Acetone
Concen: 48.258 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

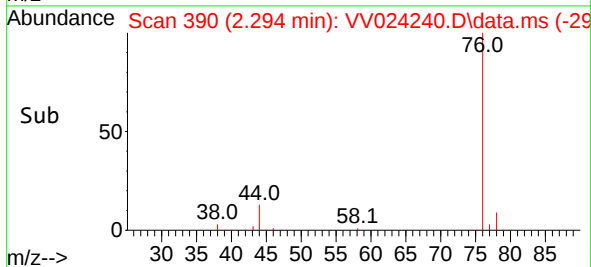
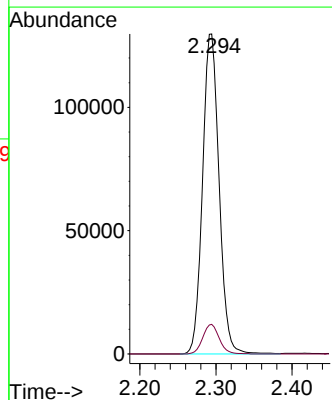
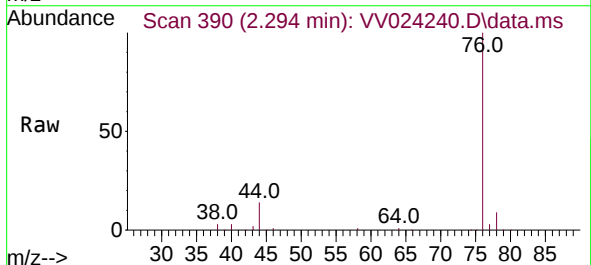
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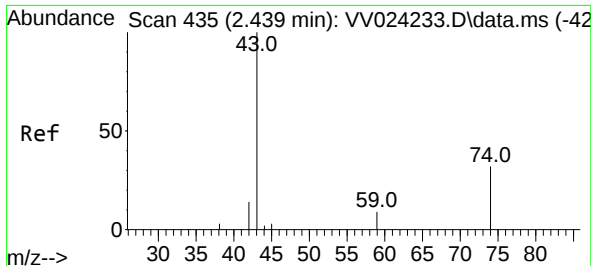
Tgt Ion: 43 Resp: 49175
Ion Ratio Lower Upper
43 100
58 30.1 0.0 41.4



#14
Carbon disulfide
Concen: 5.141 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 196005
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

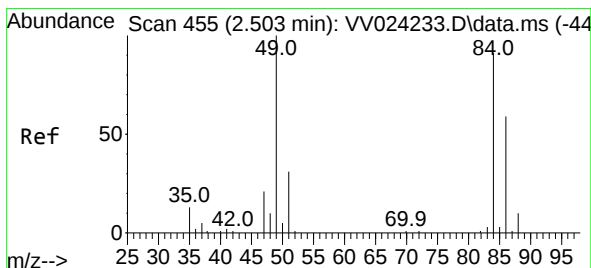
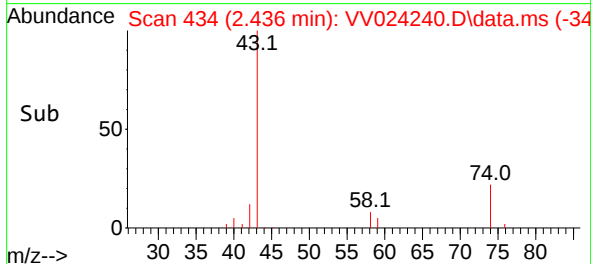
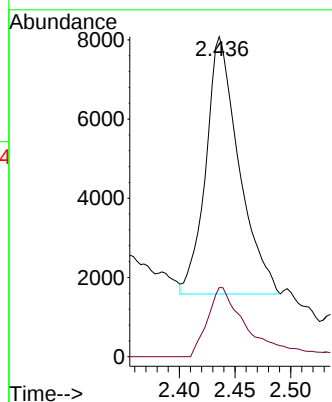
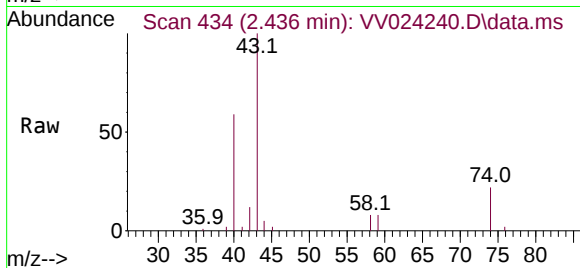




#15
Methyl Acetate
Concen: 5.298 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

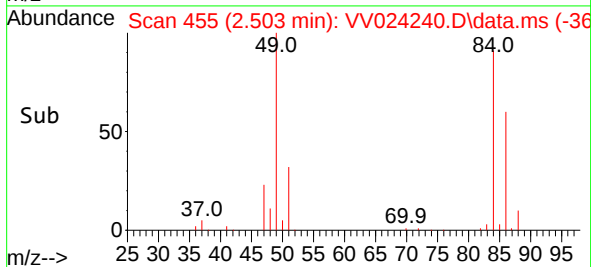
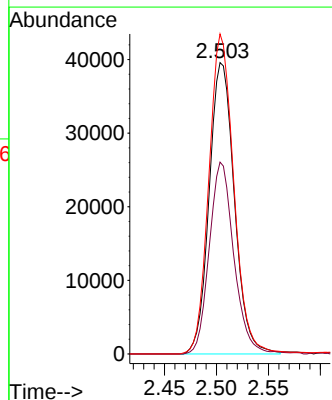
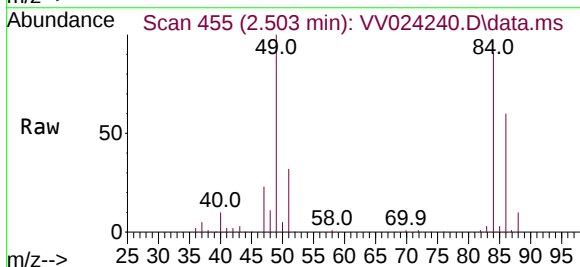
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

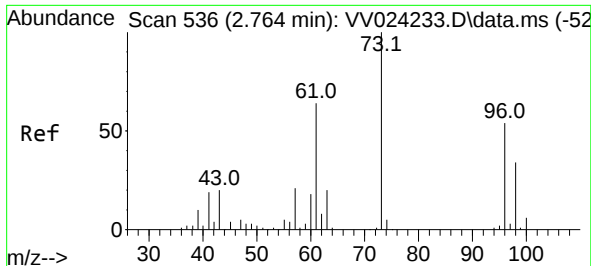
Tgt Ion: 43 Resp: 13404
Ion Ratio Lower Upper
43 100
74 33.0 20.2 30.2#



#16
Methylene chloride
Concen: 5.302 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 84 Resp: 66863
Ion Ratio Lower Upper
84 100
86 65.9 42.6 79.0
49 109.8 79.7 147.9

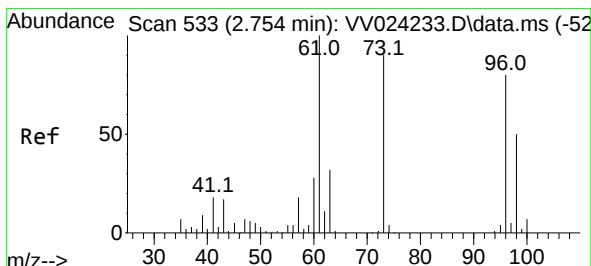
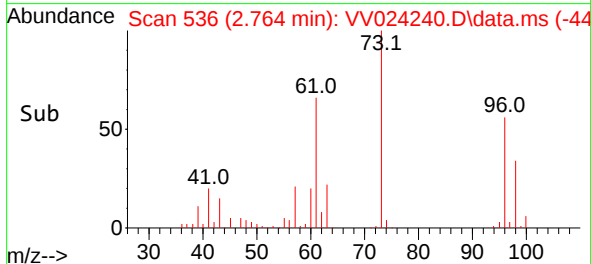
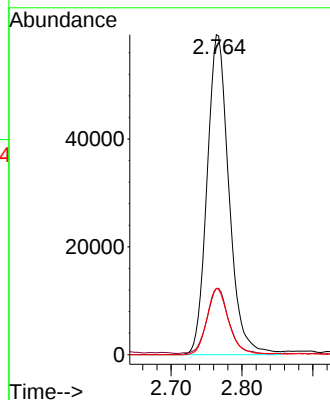
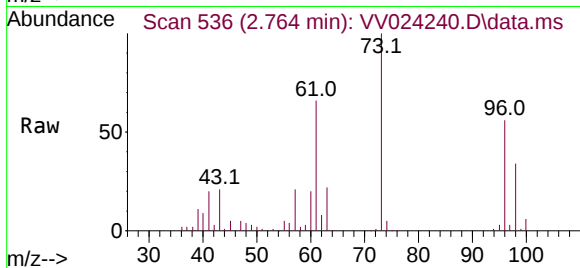




#17
Methyl tert-butyl Ether
Concen: 5.338 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

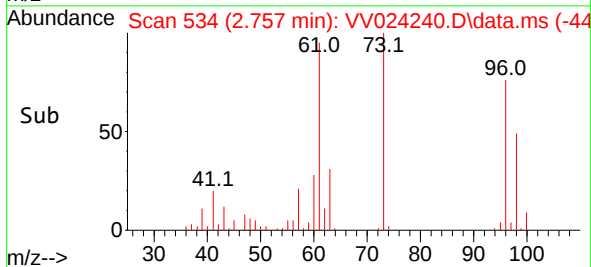
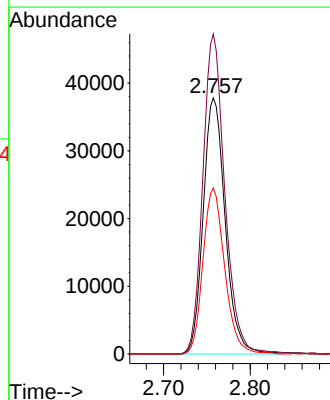
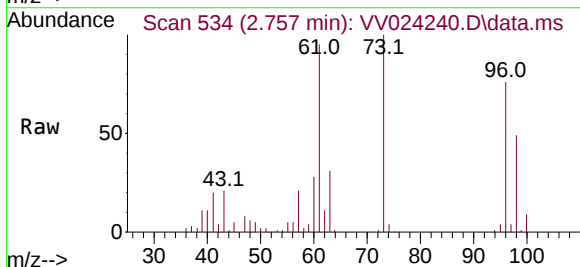
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

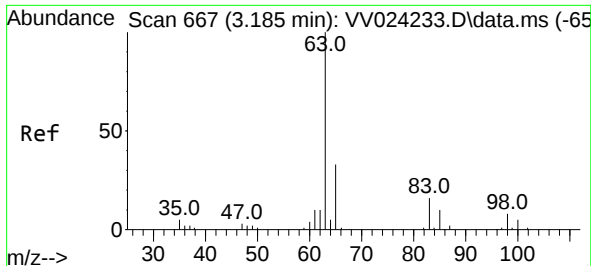
Tgt Ion: 73 Resp: 127354
Ion Ratio Lower Upper
73 100
43 20.2 15.5 23.3
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.320 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 96 Resp: 66668
Ion Ratio Lower Upper
96 100
61 125.0 88.2 163.8
98 64.8 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.137 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

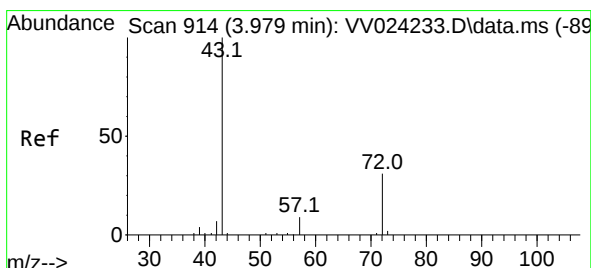
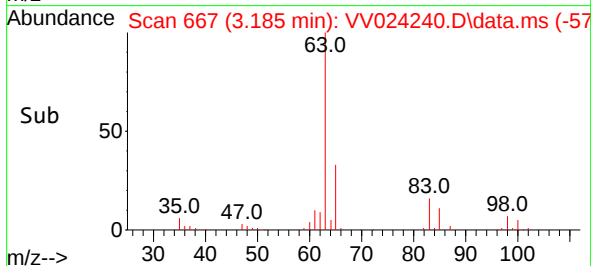
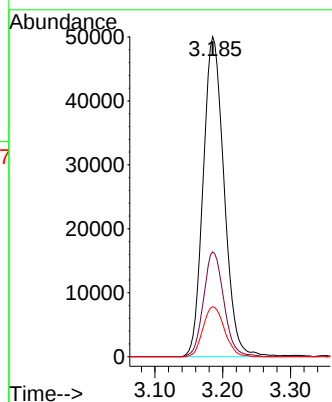
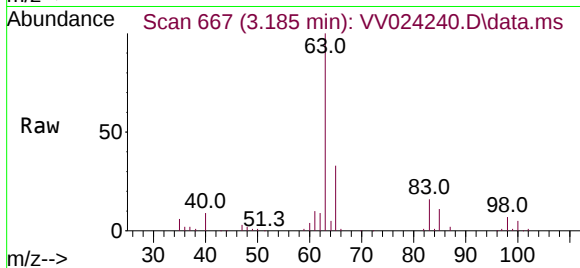
Tgt Ion: 63 Resp: 107161

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 15.6 10.7 19.9



#21

2-Butanone

Concen: 62.052 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.003 min

Lab File: VV024240.D

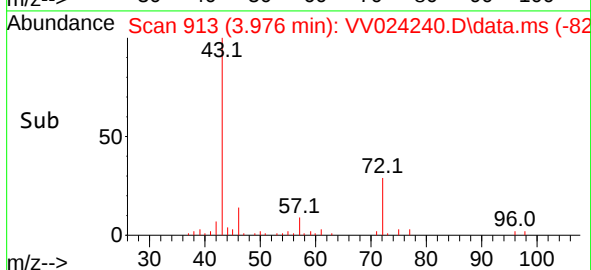
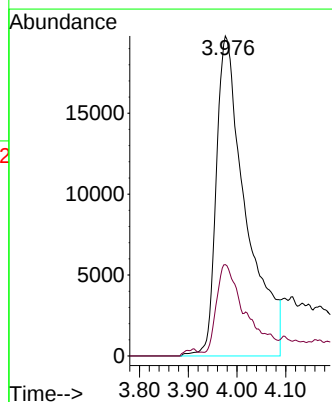
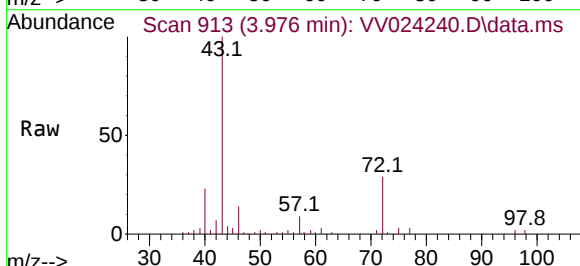
Acq: 30 Dec 2021 14:13

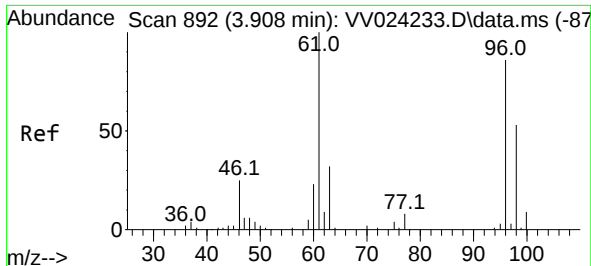
Tgt Ion: 43 Resp: 83194

Ion Ratio Lower Upper

43 100

72 26.7 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.369 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

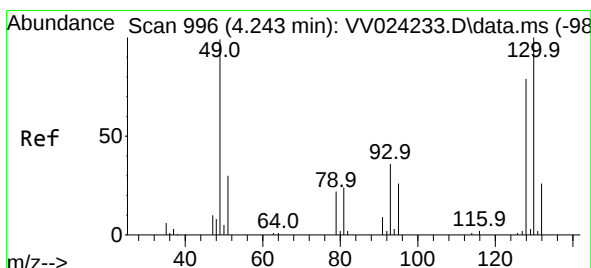
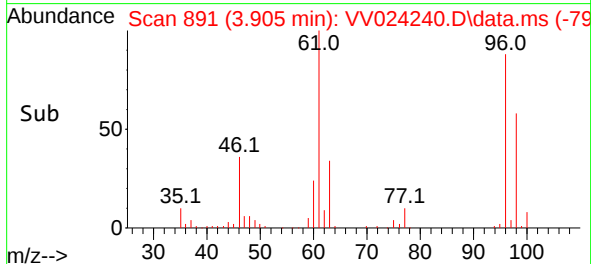
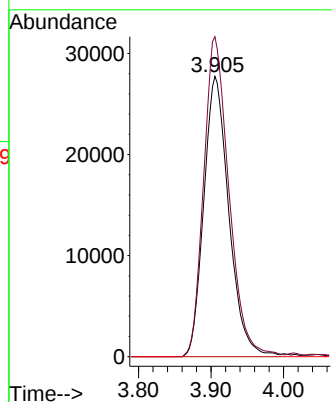
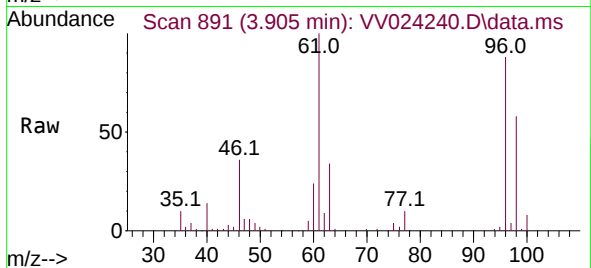
Tgt Ion: 96 Resp: 66575

Ion Ratio Lower Upper

96 100

61 114.2 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.155 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Tgt Ion: 128 Resp: 30553

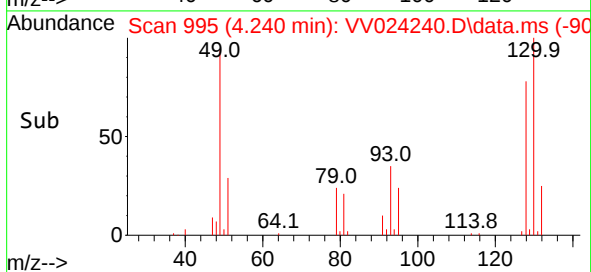
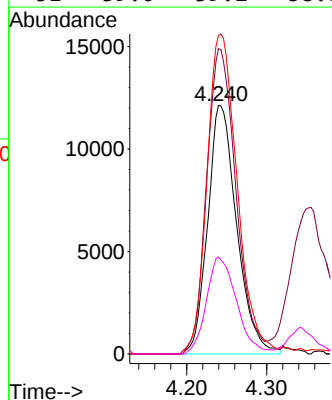
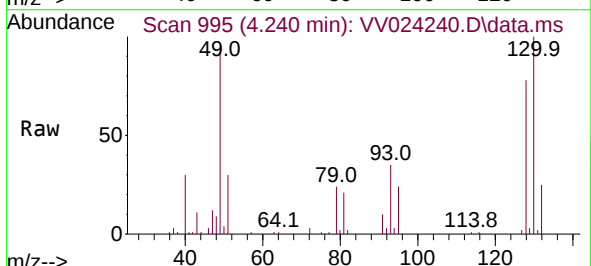
Ion Ratio Lower Upper

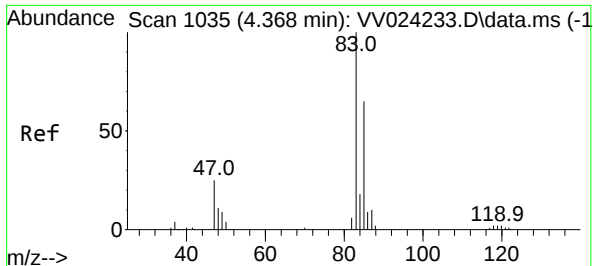
128 100

49 122.9 100.2 186.2

130 128.2 92.5 171.7

51 39.0 39.2 58.8#





#25

Chloroform

Concen: 5.235 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

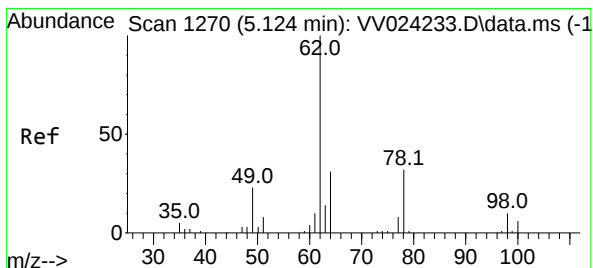
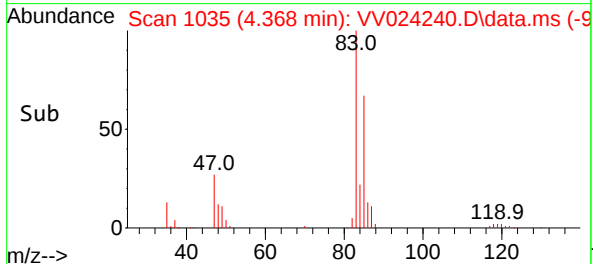
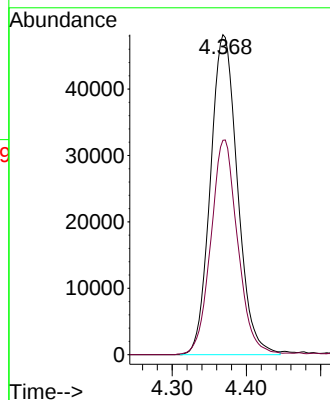
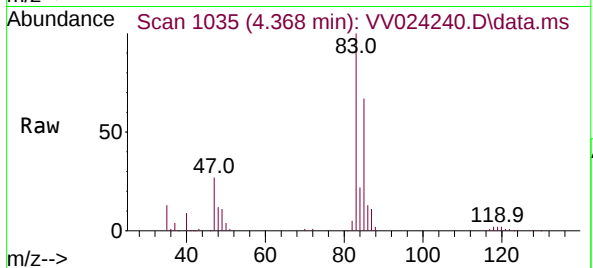
VSTD005290

Tgt Ion: 83 Resp: 122033

Ion Ratio Lower Upper

83 100

85 67.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.368 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV024240.D

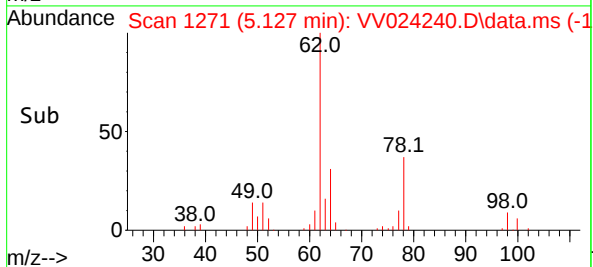
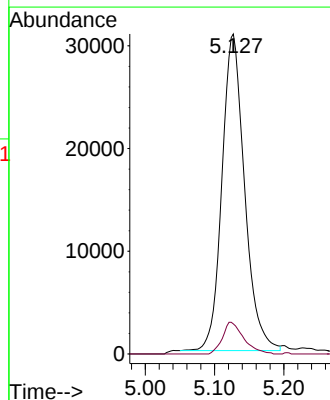
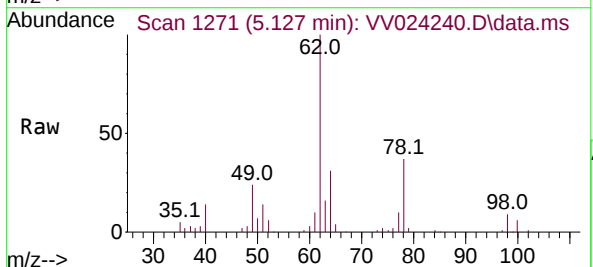
Acq: 30 Dec 2021 14:13

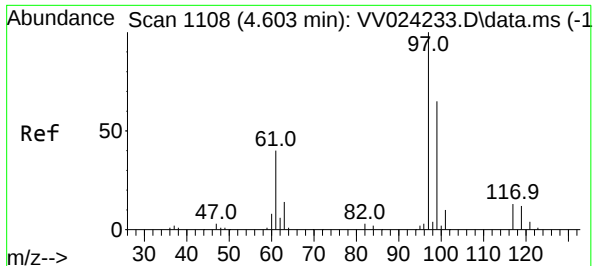
Tgt Ion: 62 Resp: 70045

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.526 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

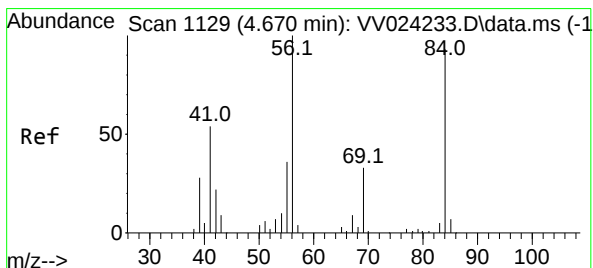
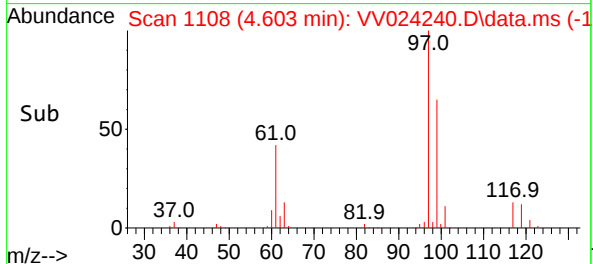
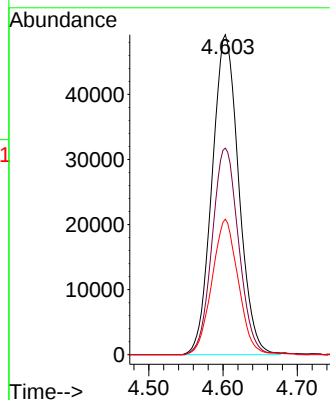
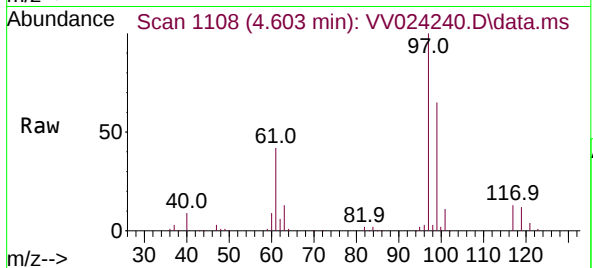
Tgt Ion: 97 Resp: 122869

Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 41.9 33.2 49.8



#30

Cyclohexane

Concen: 5.645 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

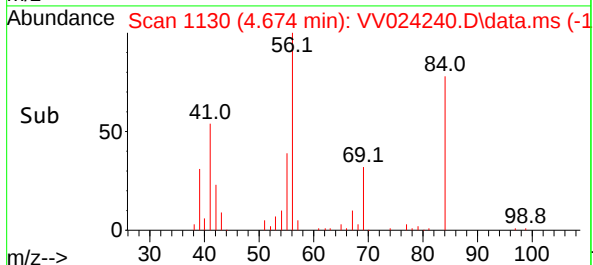
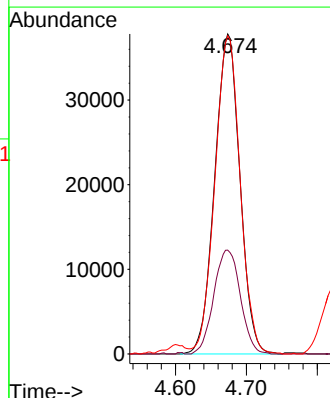
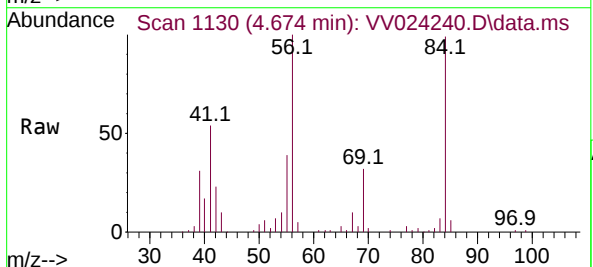
Tgt Ion: 56 Resp: 93375

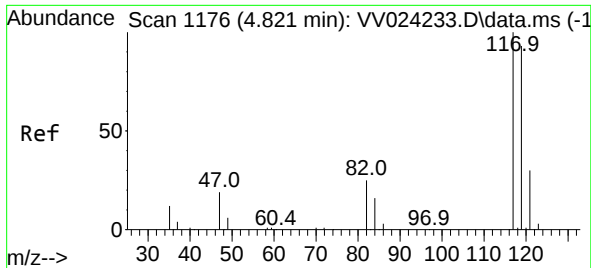
Ion Ratio Lower Upper

56 100

69 34.2 24.8 37.2

84 99.7 75.9 113.9

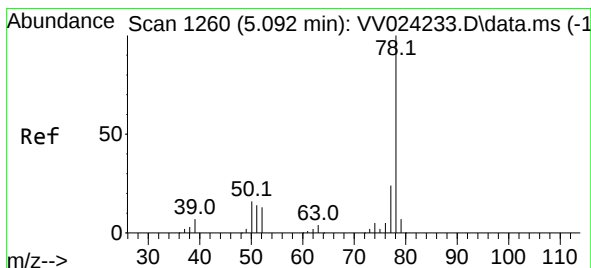
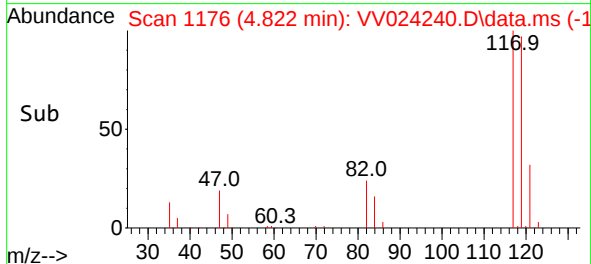
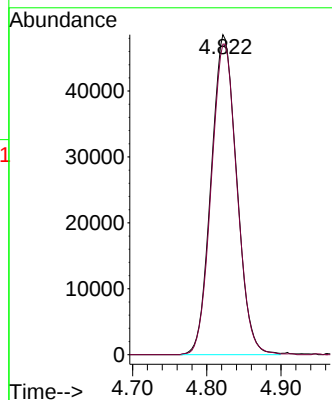
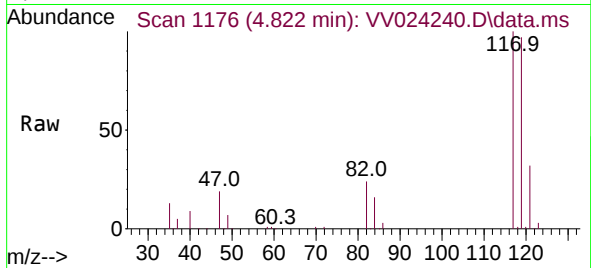




#31
Carbon tetrachloride
Concen: 5.631 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

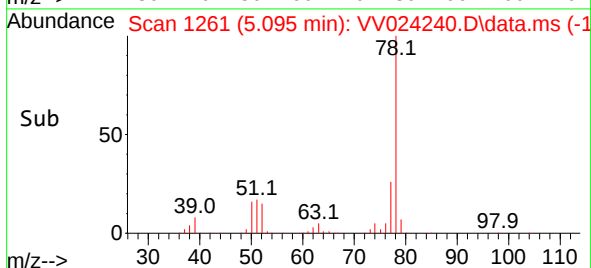
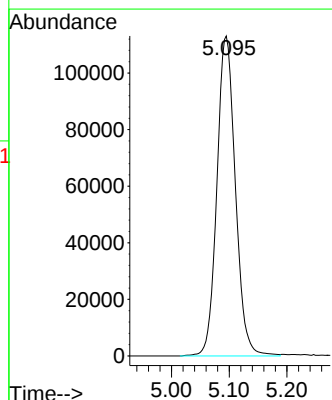
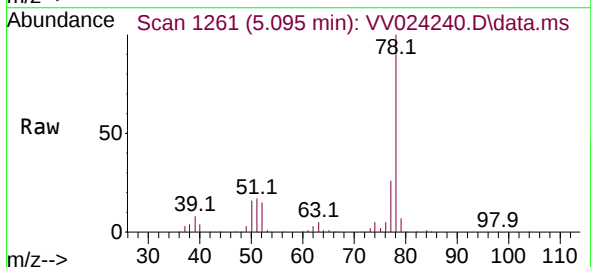
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

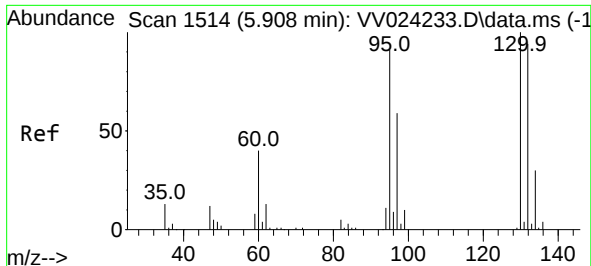
Tgt Ion:117 Resp: 116113
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8



#33
Benzene
Concen: 5.431 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 78 Resp: 251222

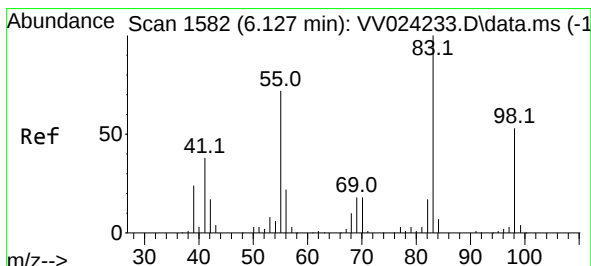
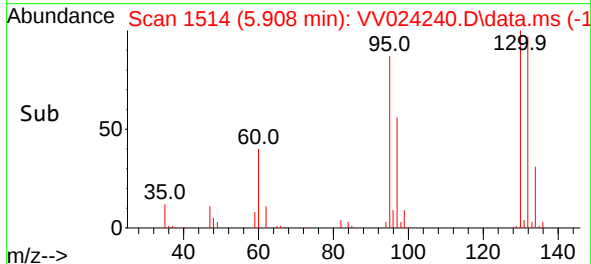
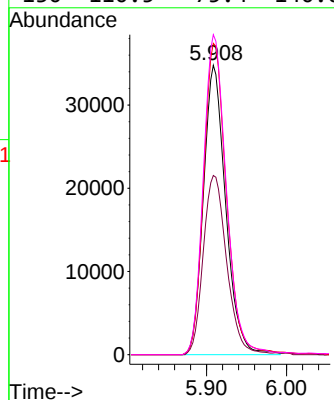
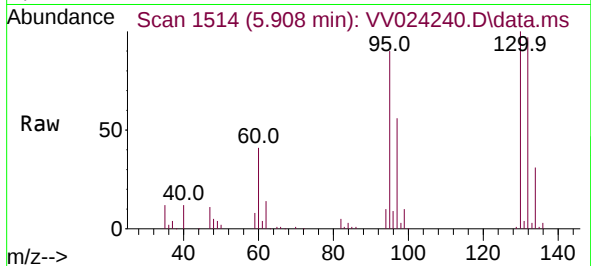




#34
Trichloroethene
Concen: 5.176 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

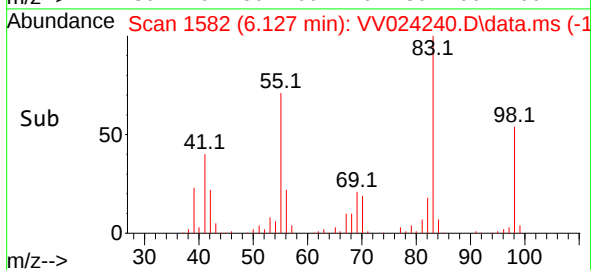
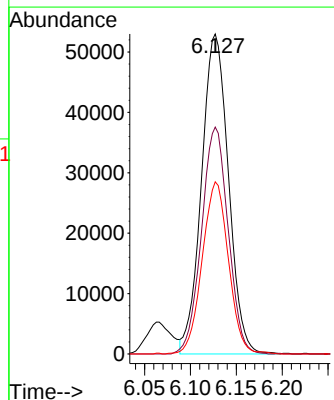
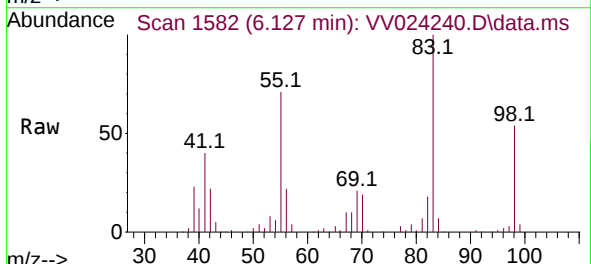
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

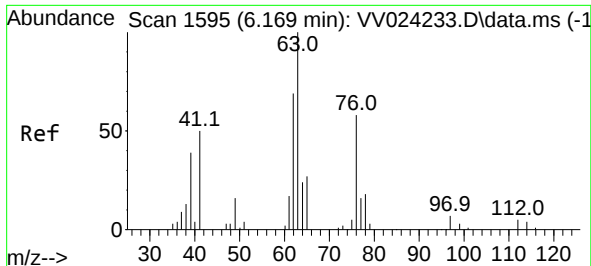
Tgt Ion: 95 Resp: 67564
Ion Ratio Lower Upper
95 100
97 61.9 45.2 84.0
132 107.6 76.1 141.3
130 110.5 75.4 140.0



#35
Methylcyclohexane
Concen: 5.734 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 83 Resp: 108392
Ion Ratio Lower Upper
83 100
55 70.0 60.2 90.2
98 52.4 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.186 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

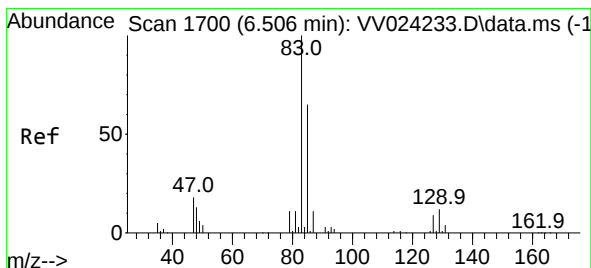
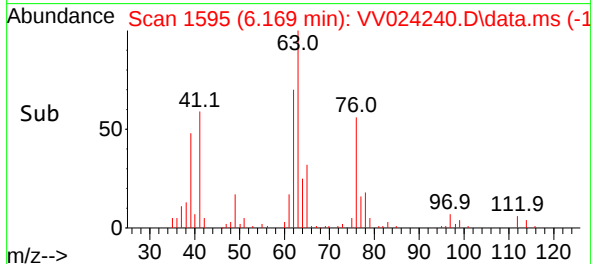
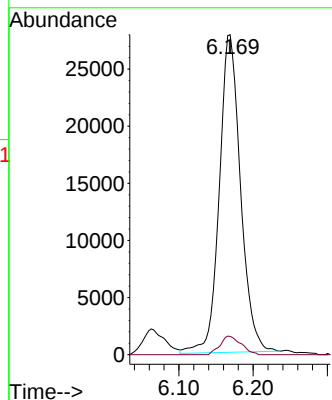
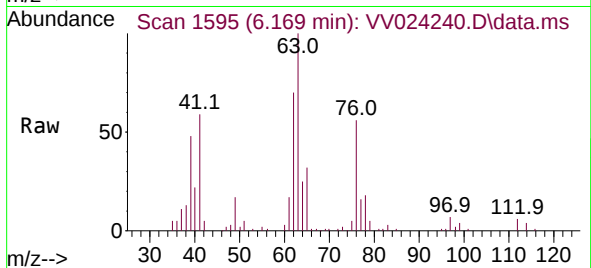
VSTD005290

Tgt Ion: 63 Resp: 55309

Ion Ratio Lower Upper

63 100

112 5.8 4.3 6.5



#38

Bromodichloromethane

Concen: 5.542 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

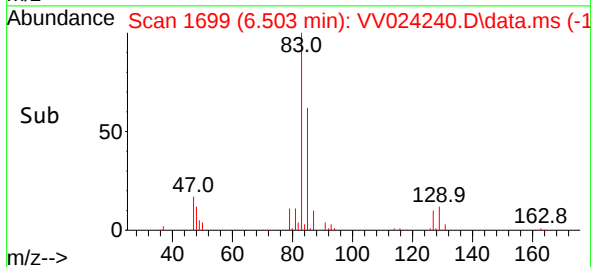
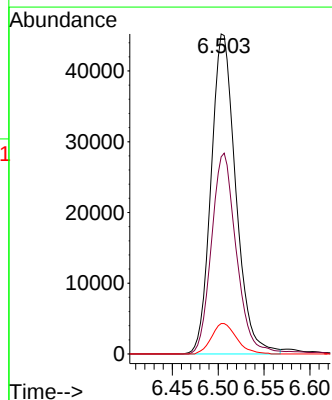
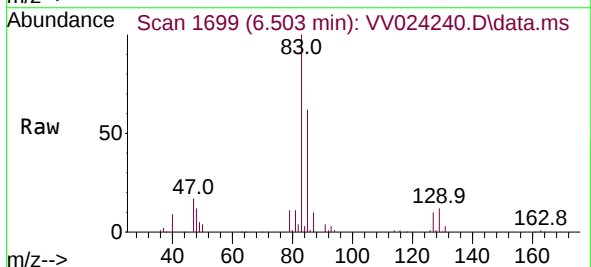
Tgt Ion: 83 Resp: 84698

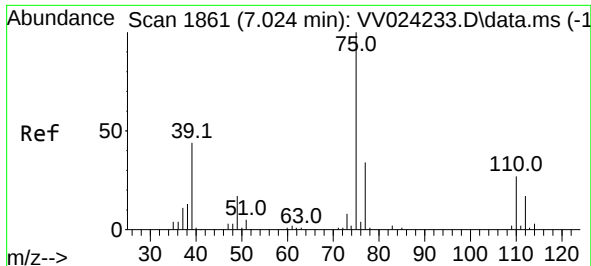
Ion Ratio Lower Upper

83 100

85 61.6 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.486 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

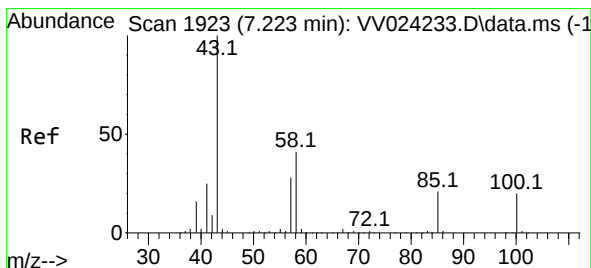
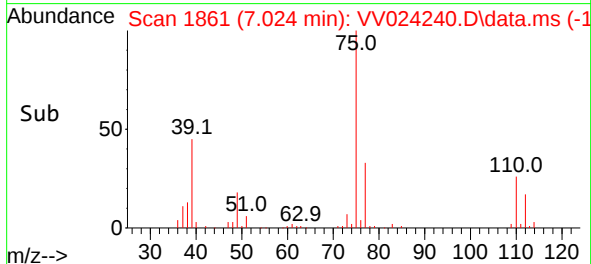
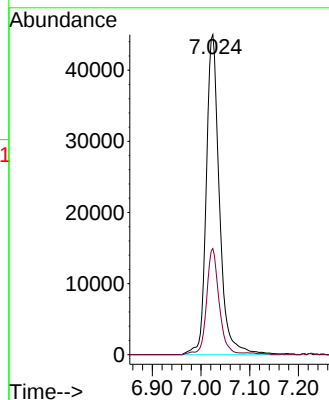
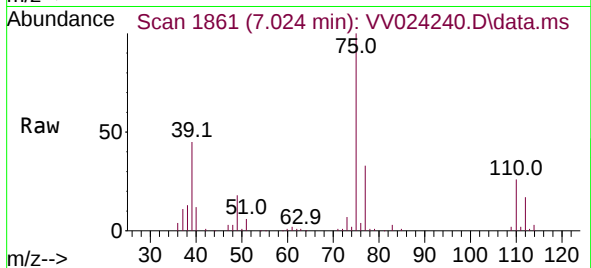
VSTD005290

Tgt Ion: 75 Resp: 84816

Ion Ratio Lower Upper

75 100

77 33.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.348 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

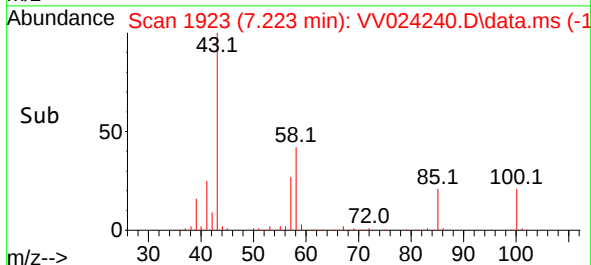
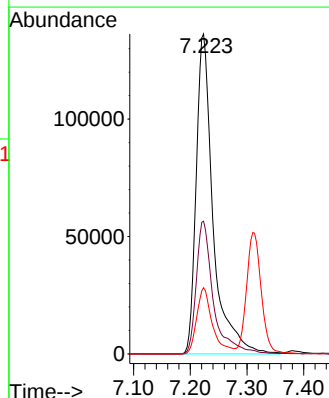
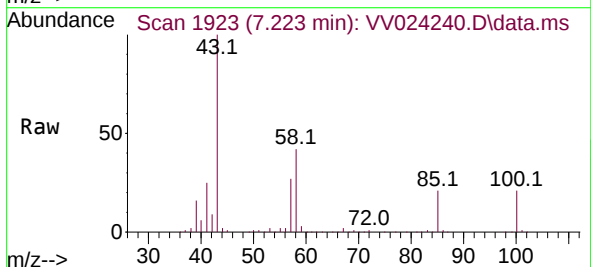
Tgt Ion: 43 Resp: 282146

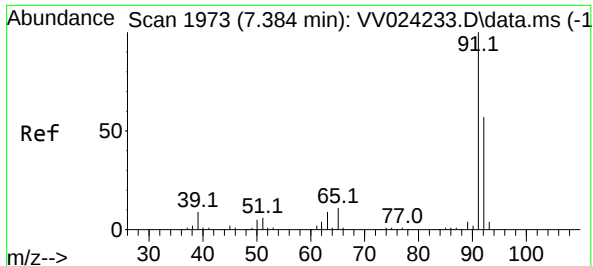
Ion Ratio Lower Upper

43 100

58 42.0 32.3 48.5

100 19.3 13.0 19.6





#42

Toluene

Concen: 5.685 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

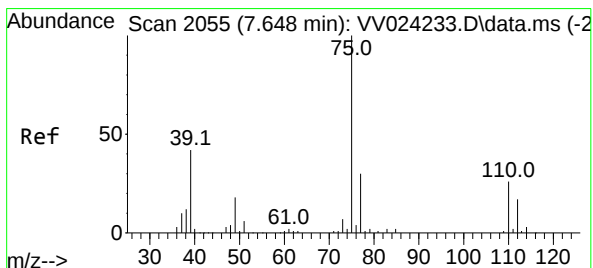
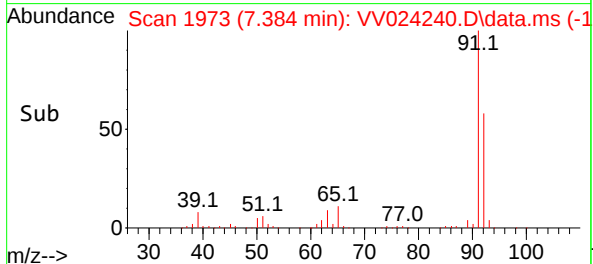
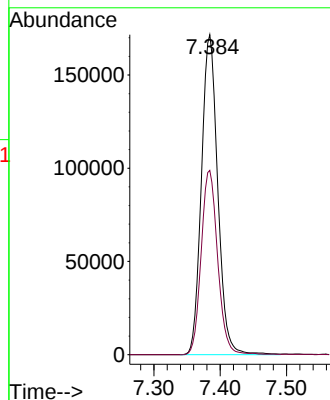
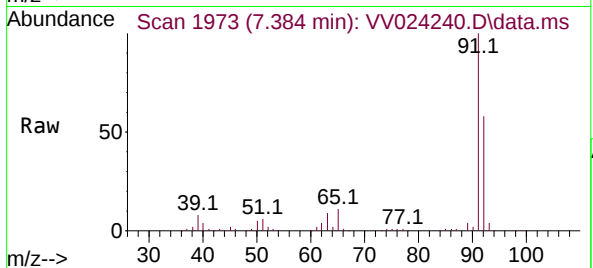
VSTD005290

Tgt Ion: 91 Resp: 293439

Ion Ratio Lower Upper

91 100

92 57.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.638 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024240.D

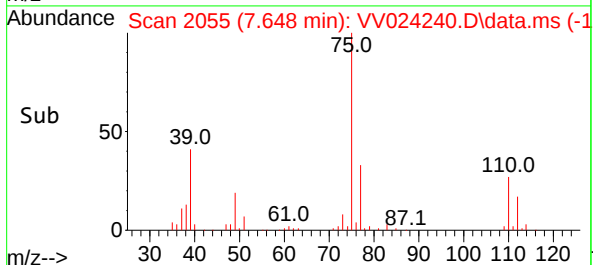
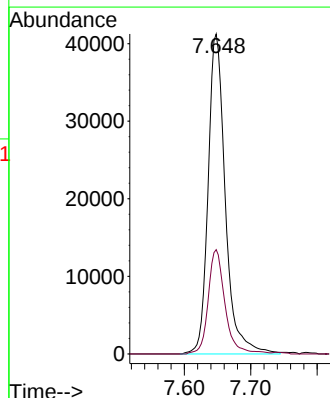
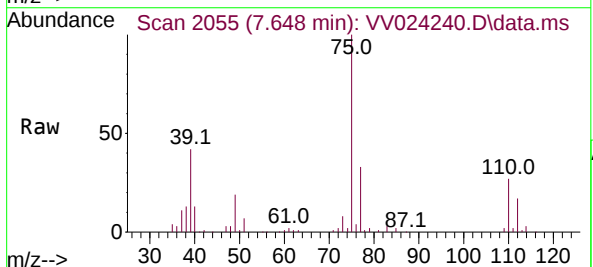
Acq: 30 Dec 2021 14:13

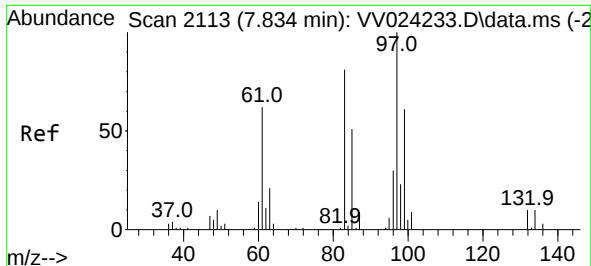
Tgt Ion: 75 Resp: 74435

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4



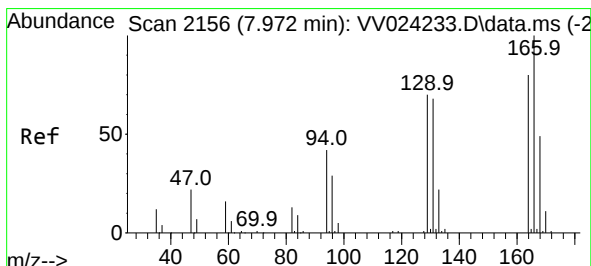
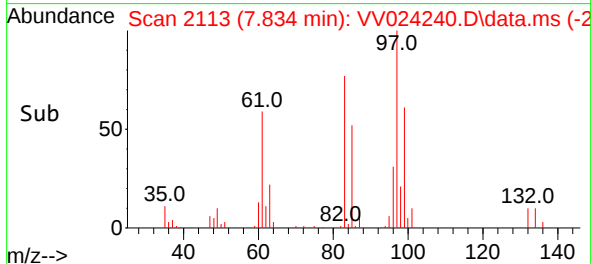
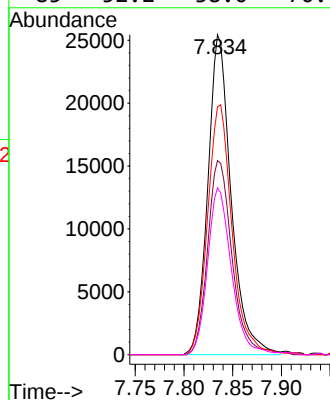
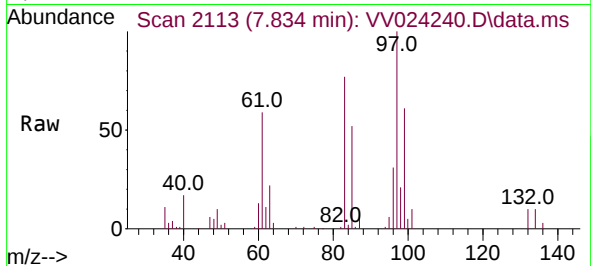


#45
1,1,2-Trichloroethane
Concen: 5.369 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

Tgt Ion: 97 Resp: 42454

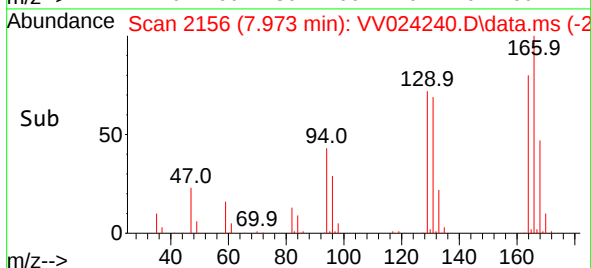
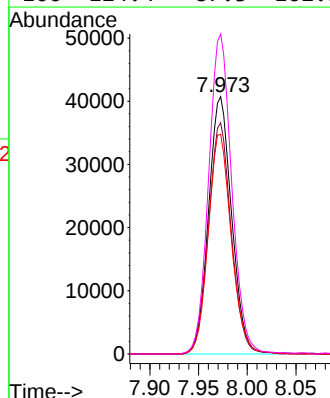
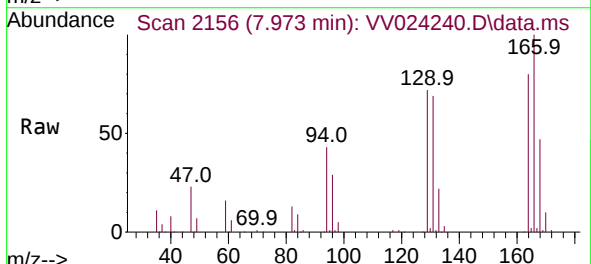
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.1	80.1
83	77.4	57.9	107.5
85	52.2	38.0	70.6

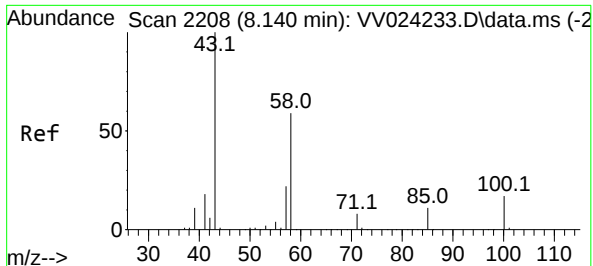


#47
Tetrachloroethene
Concen: 5.775 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 164 Resp: 67068

Ion	Ratio	Lower	Upper
164	100		
129	89.9	62.6	116.2
131	85.4	61.0	113.4
166	124.4	87.3	162.1

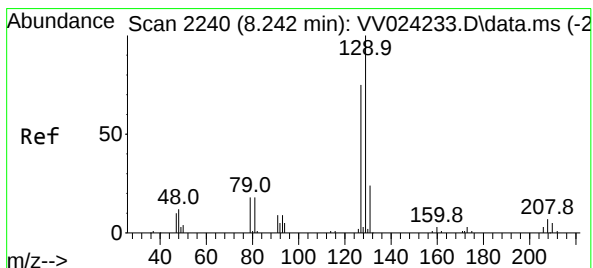
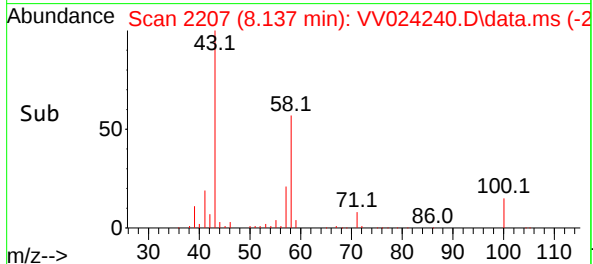
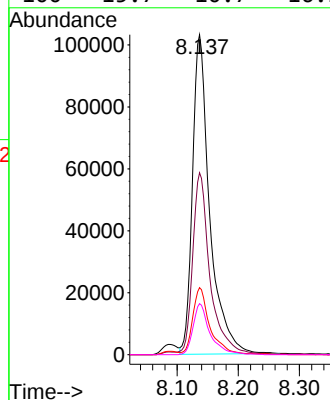
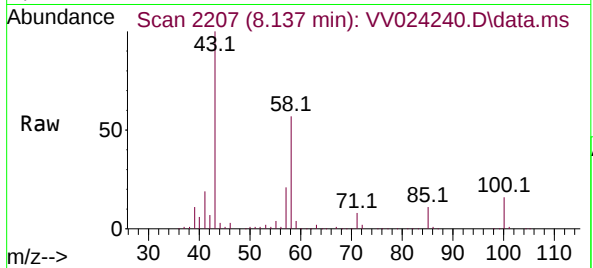




#48
2-Hexanone
Concen: 54.138 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

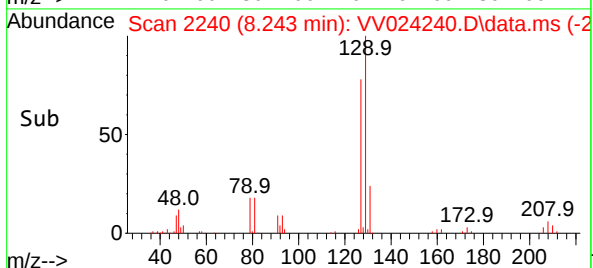
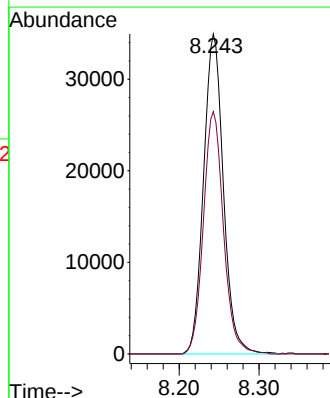
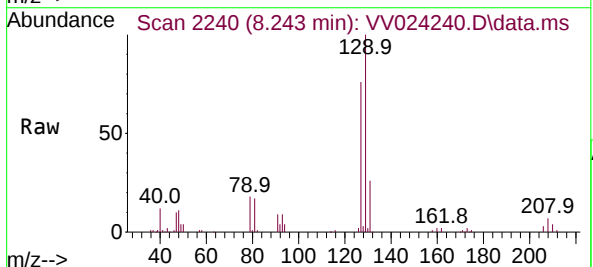
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

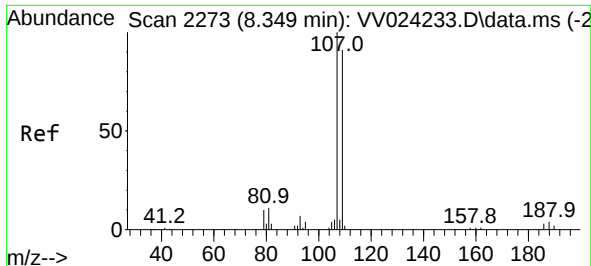
Tgt Ion: 43 Resp: 201979
Ion Ratio Lower Upper
43 100
58 55.6 44.5 66.7
57 20.2 15.1 22.7
100 15.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.680 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 129 Resp: 60408
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.612 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

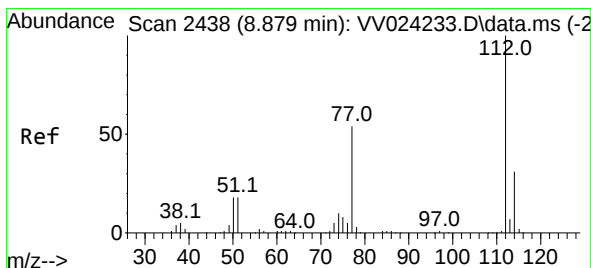
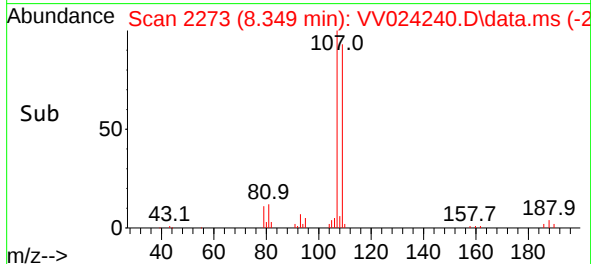
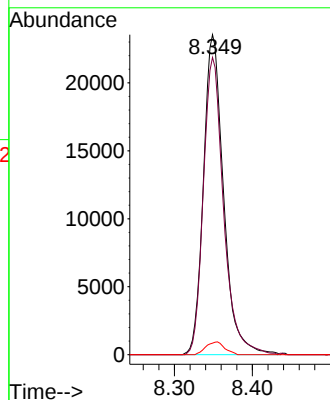
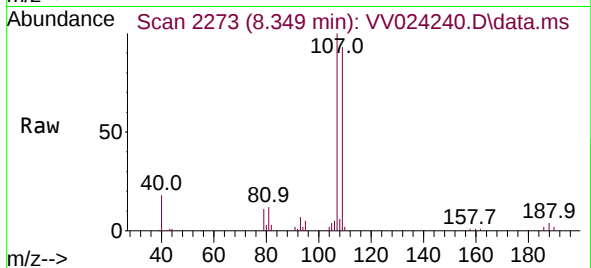
Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

Tgt Ion:	107	Resp:	42164
Ion	Ratio	Lower	Upper
107	100		
109	92.9	62.5	116.1
188	3.6	3.4	5.2



#51

Chlorobenzene

Concen: 5.460 ug/L

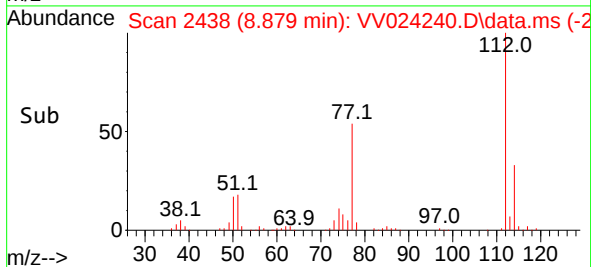
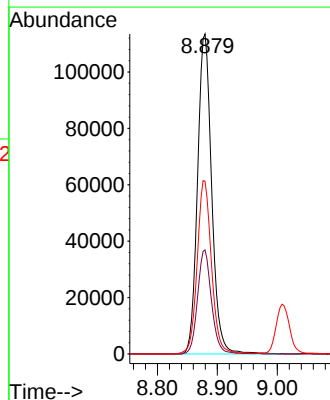
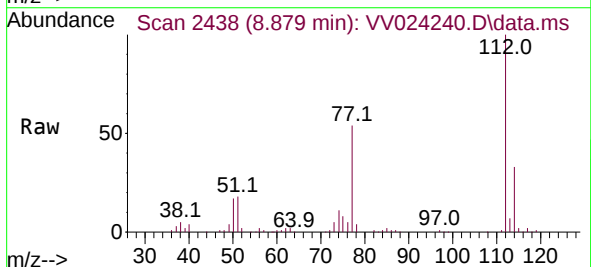
RT: 8.879 min Scan# 2438

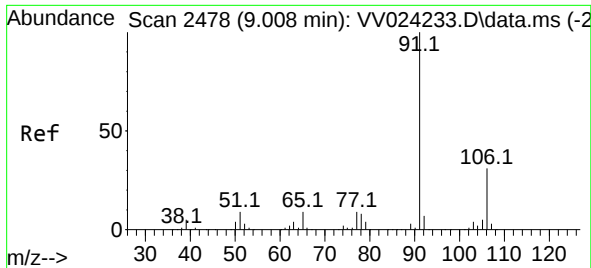
Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Tgt Ion:	112	Resp:	186725
Ion	Ratio	Lower	Upper
112	100		
114	32.5	23.3	43.3
77	54.0	43.3	64.9

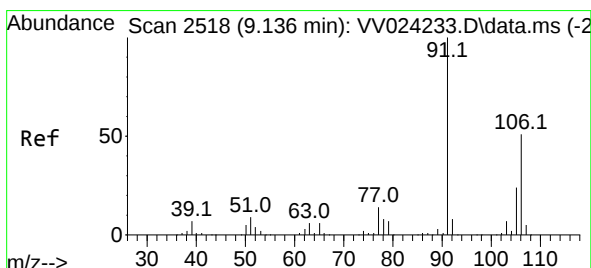
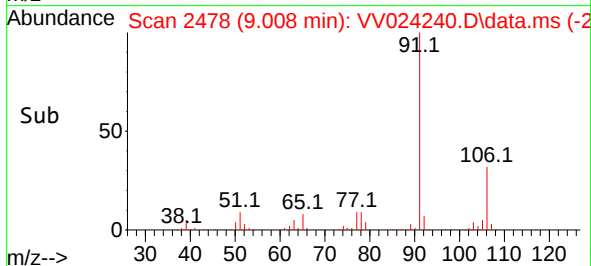
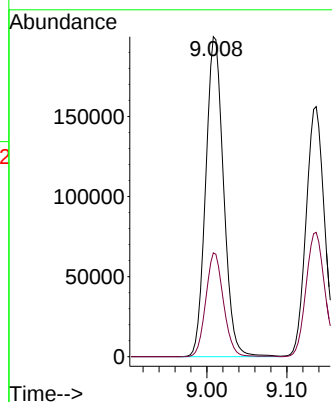
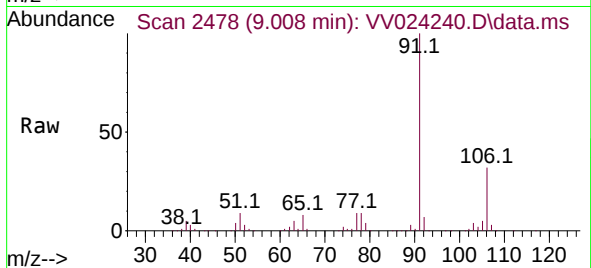




#52
Ethylbenzene
Concen: 5.673 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

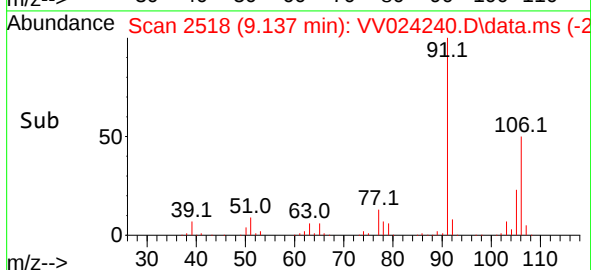
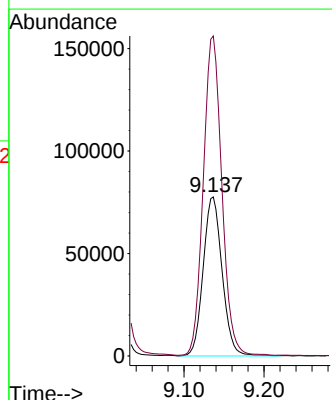
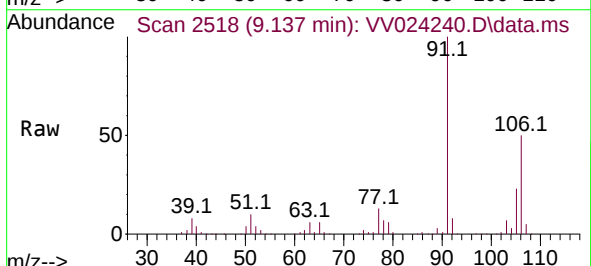
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

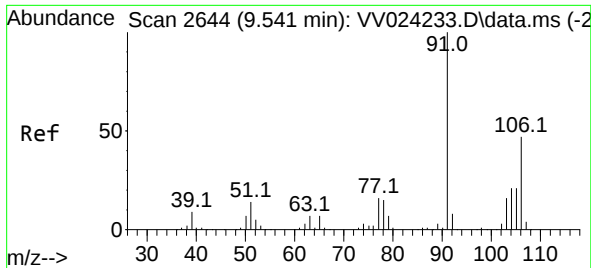
Tgt Ion: 91 Resp: 311344
Ion Ratio Lower Upper
91 100
106 32.5 22.0 41.0



#53
m,p-xylene
Concen: 5.881 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 106 Resp: 128035
Ion Ratio Lower Upper
106 100
91 201.2 139.5 259.1

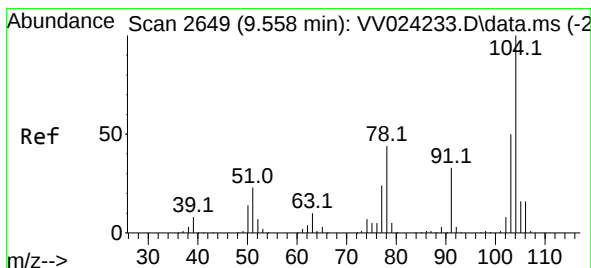
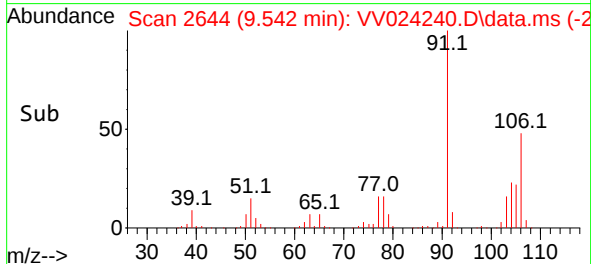
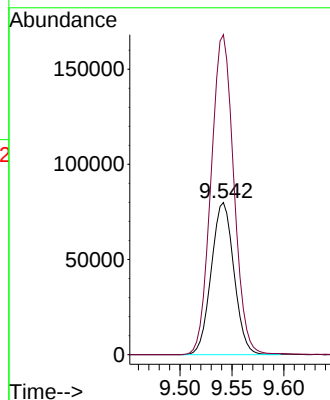
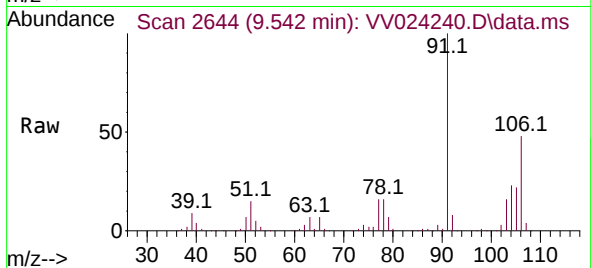




#54
o-xylene
Concen: 5.832 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

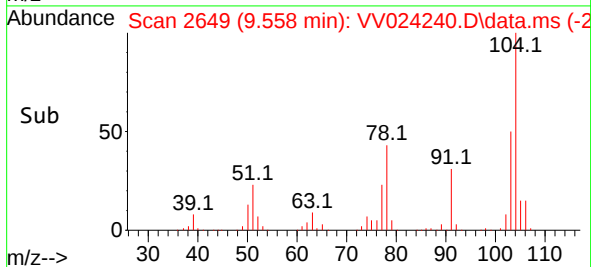
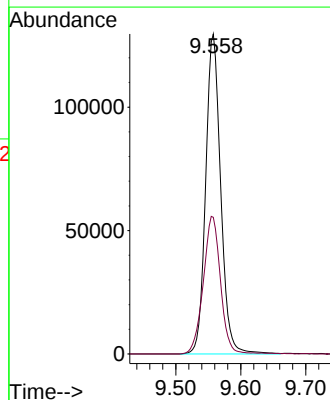
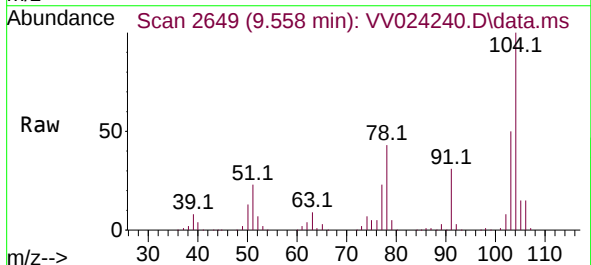
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

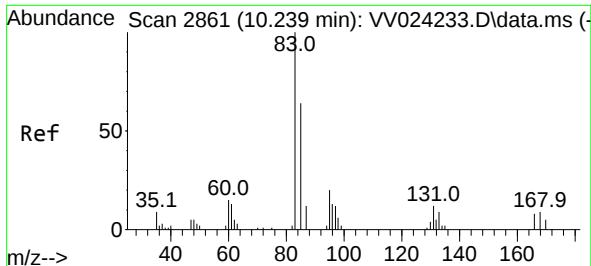
Tgt Ion:106 Resp: 121574
Ion Ratio Lower Upper
106 100
91 210.2 147.9 274.7



#55
Styrene
Concen: 5.955 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion:104 Resp: 209139
Ion Ratio Lower Upper
104 100
78 42.7 31.0 57.6

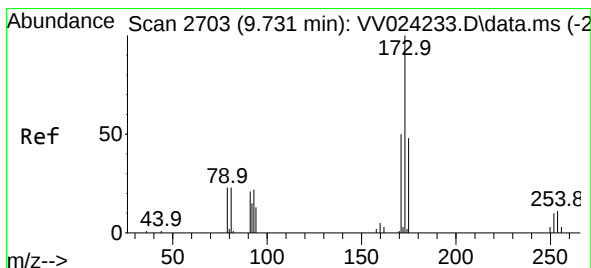
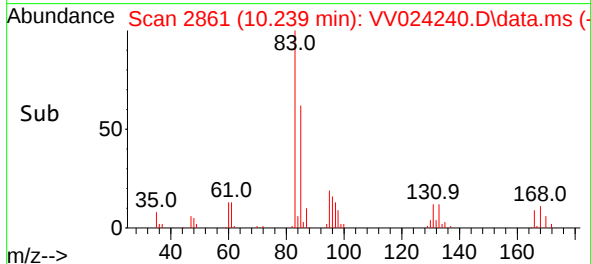
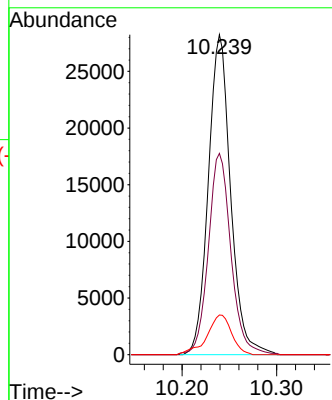
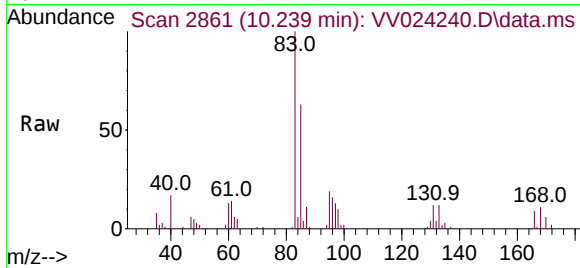




#57
1,1,2-Tetrachloroethane
Concen: 6.037 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

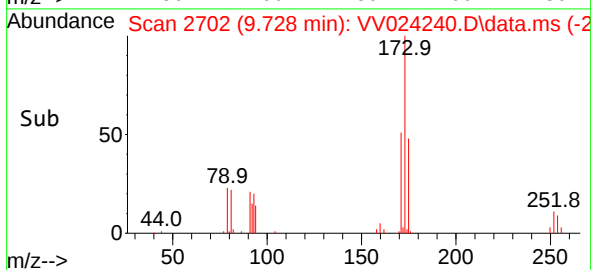
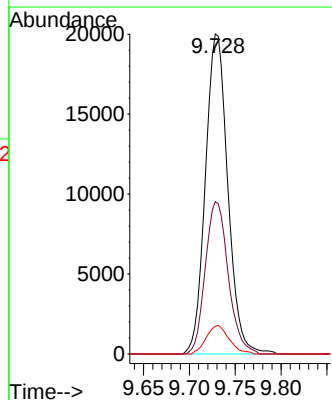
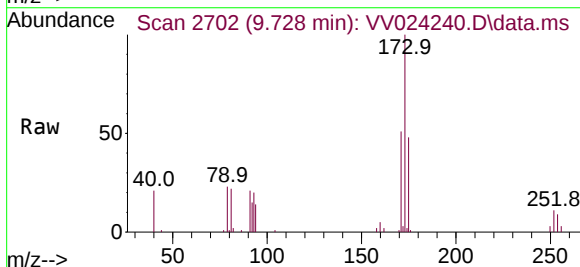
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

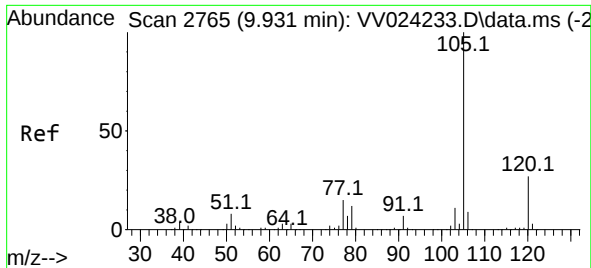
Tgt Ion: 83 Resp: 46264
Ion Ratio Lower Upper
83 100
85 62.9 44.6 82.8
131 12.4 8.3 12.5



#59
Bromoform
Concen: 5.599 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 173 Resp: 34019
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.2
254 9.1 7.4 11.0

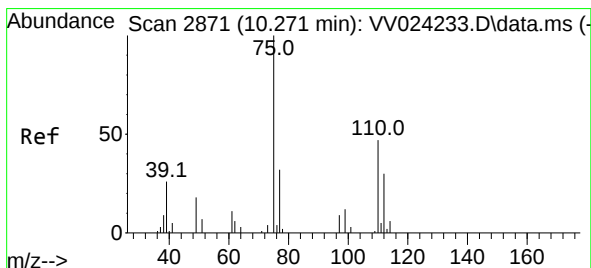
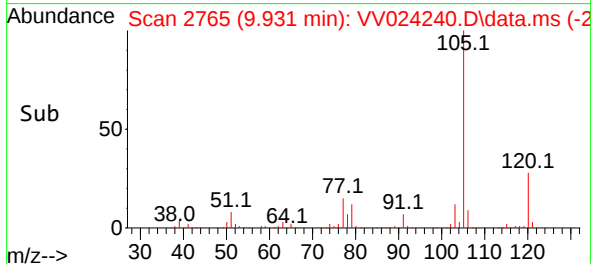
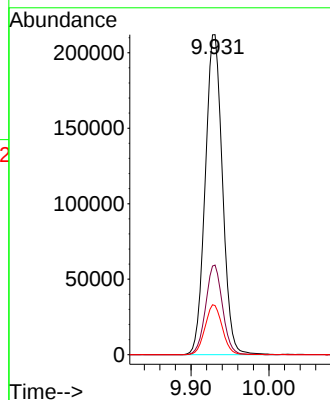
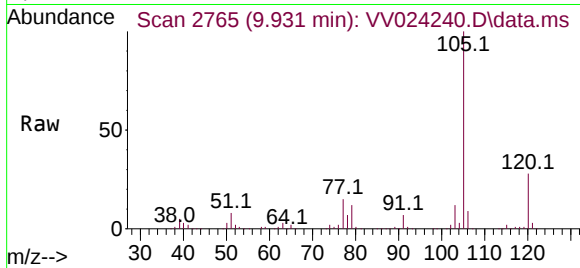




#60
Isopropylbenzene
Concen: 5.453 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

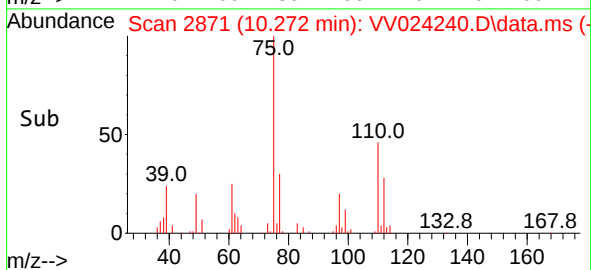
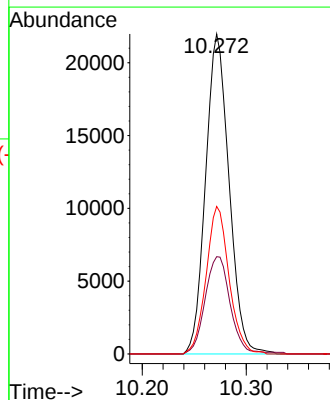
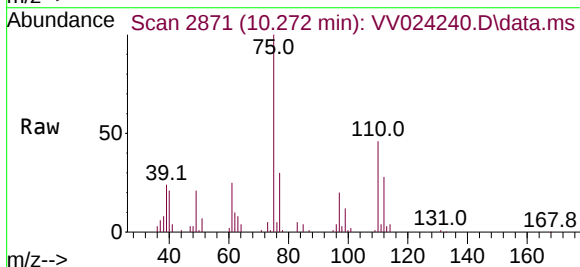
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

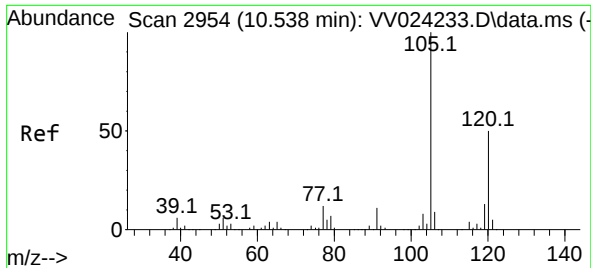
Tgt Ion:105 Resp: 325007
Ion Ratio Lower Upper
105 100
120 27.6 21.4 32.0
77 15.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.154 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion: 75 Resp: 34380
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 45.2 34.2 51.2

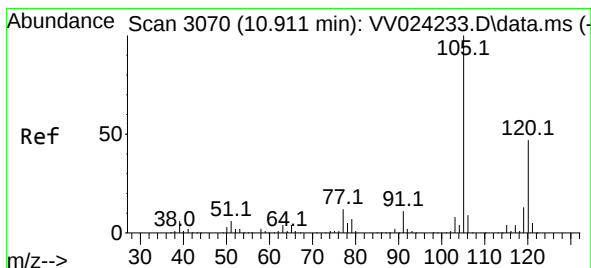
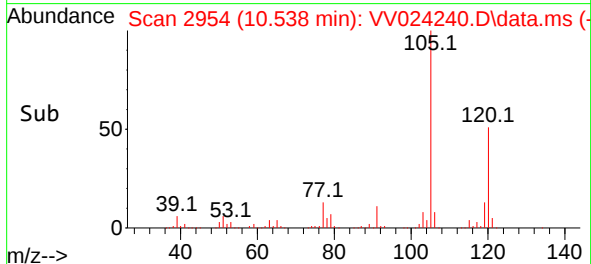
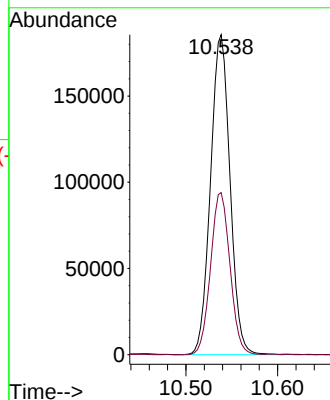
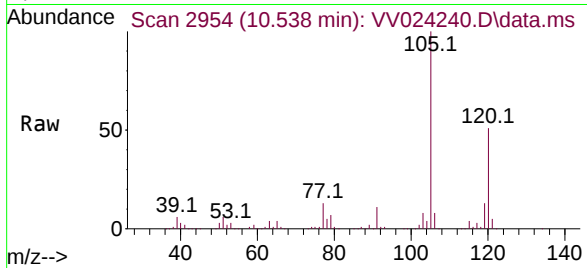




#62
 1,3,5-Trimethylbenzene
 Concen: 5.449 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

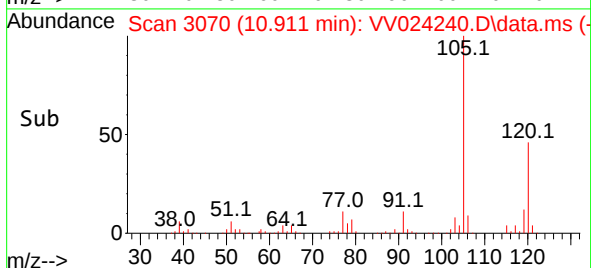
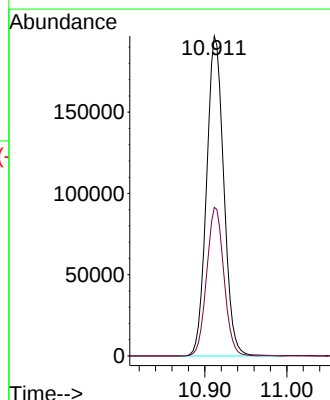
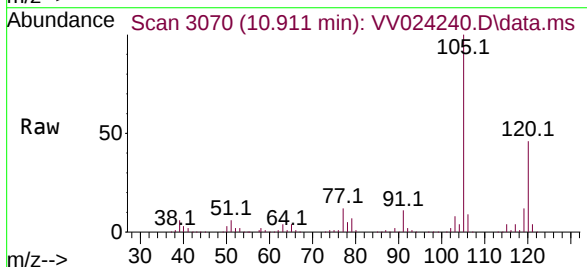
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

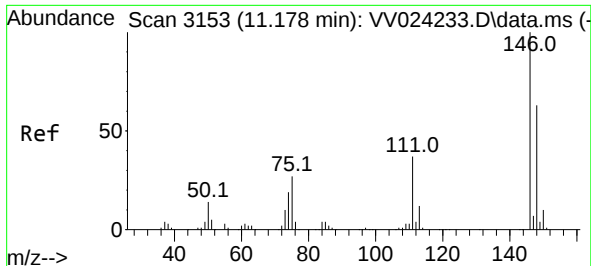
Tgt Ion:105 Resp: 273827
 Ion Ratio Lower Upper
 105 100
 120 50.5 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.586 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

Tgt Ion:105 Resp: 286101
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.7 55.1

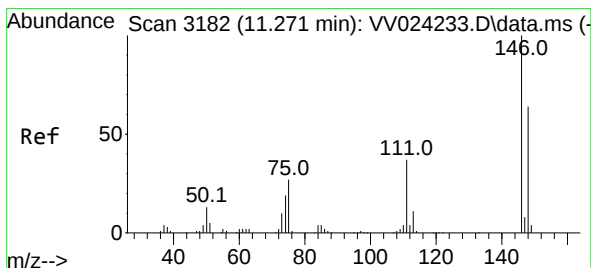
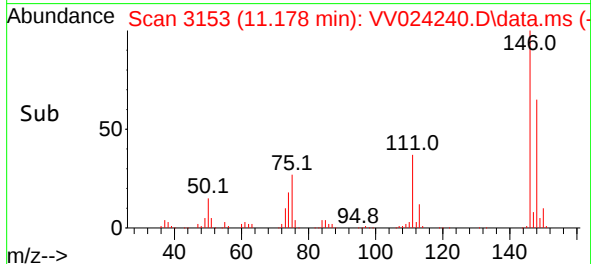
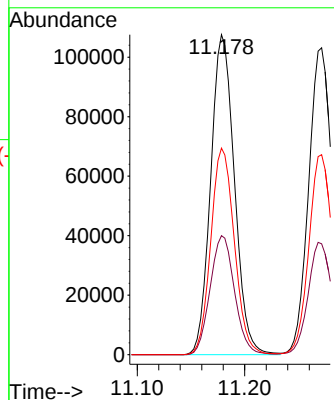
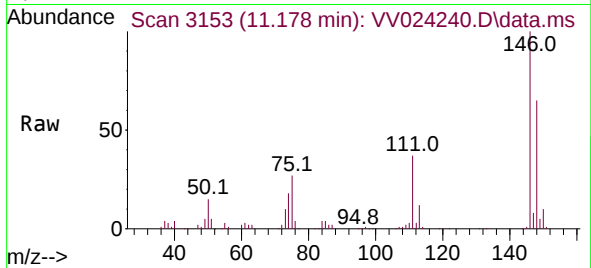




#64
1,3-Dichlorobenzene
Concen: 5.341 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

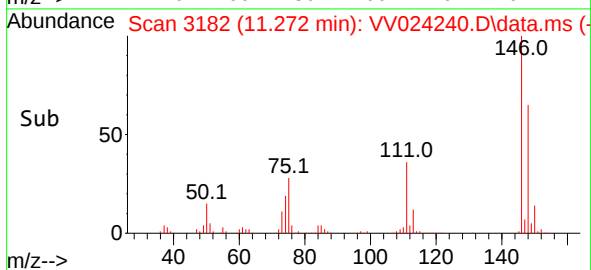
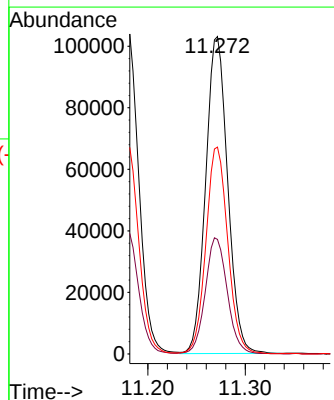
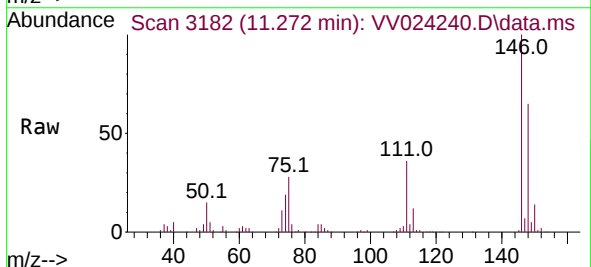
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

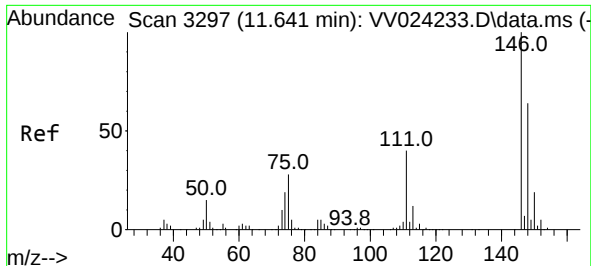
Tgt Ion:146 Resp: 164940
Ion Ratio Lower Upper
146 100
111 37.2 26.3 48.9
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.284 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion:146 Resp: 161725
Ion Ratio Lower Upper
146 100
111 36.1 25.6 47.6
148 65.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.274 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

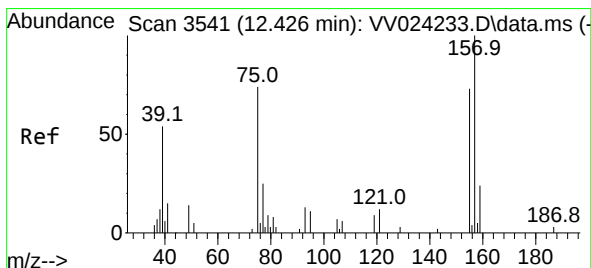
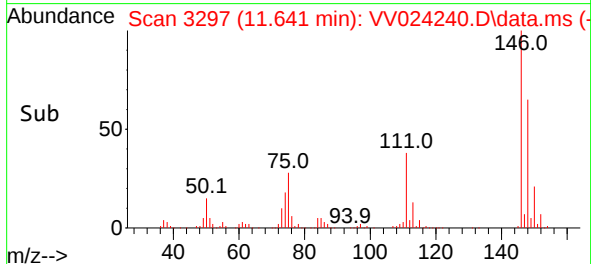
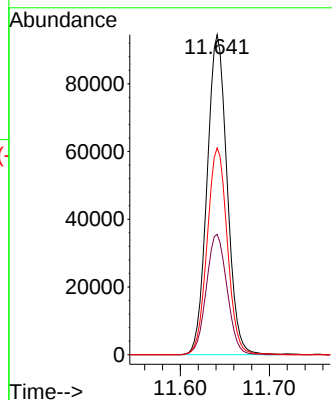
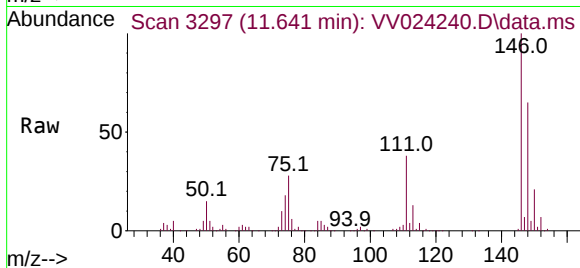
Tgt Ion:146 Resp: 147430

Ion Ratio Lower Upper

146 100

111 37.6 31.9 47.9

148 64.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.140 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024240.D

Acq: 30 Dec 2021 14:13

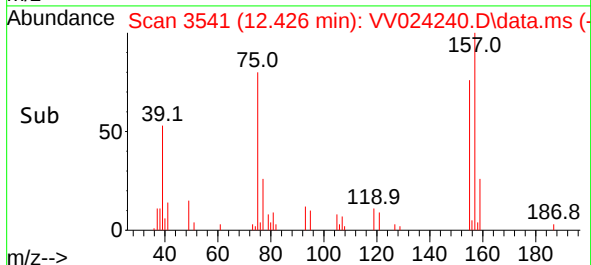
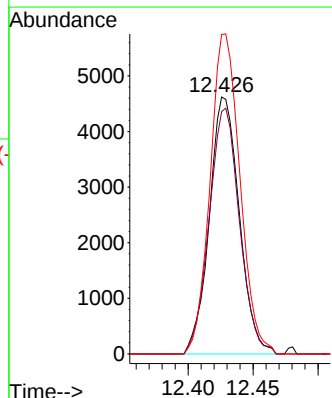
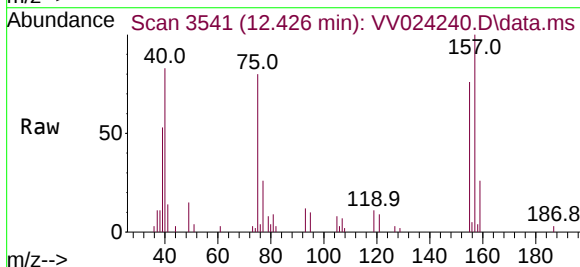
Tgt Ion: 75 Resp: 7394

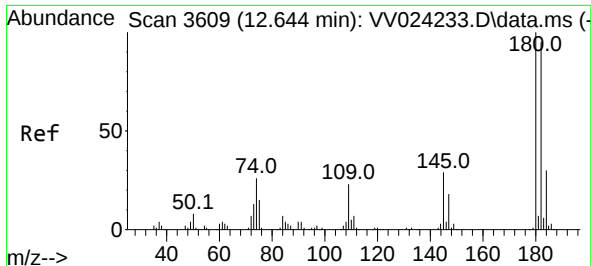
Ion Ratio Lower Upper

75 100

155 94.3 71.7 107.5

157 124.4 103.3 154.9

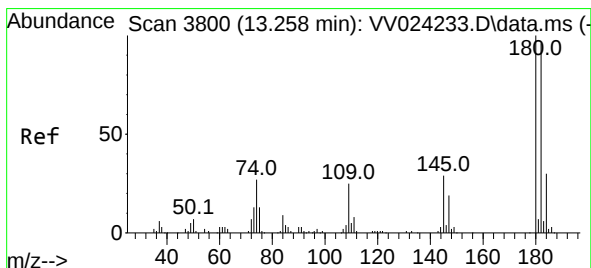
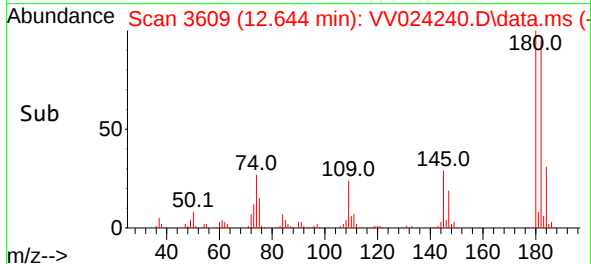
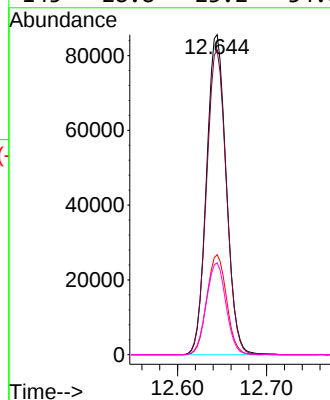
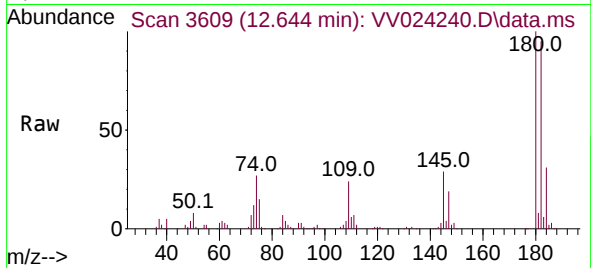




#69
 1,3,5-Trichlorobenzene
 Concen: 5.341 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

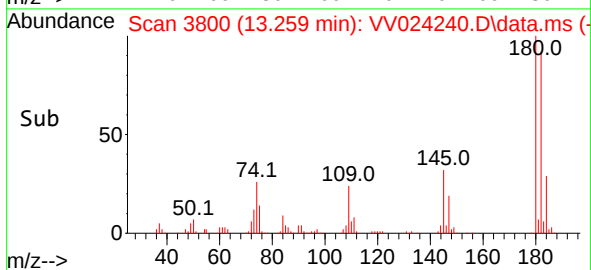
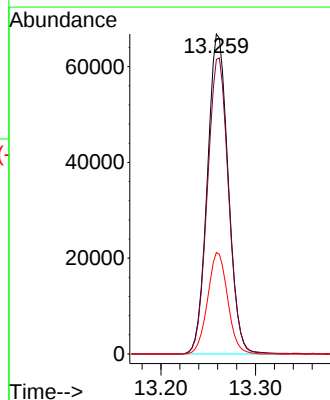
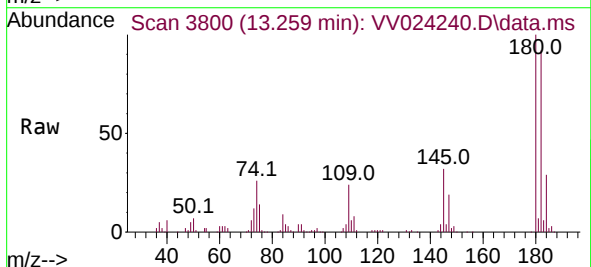
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

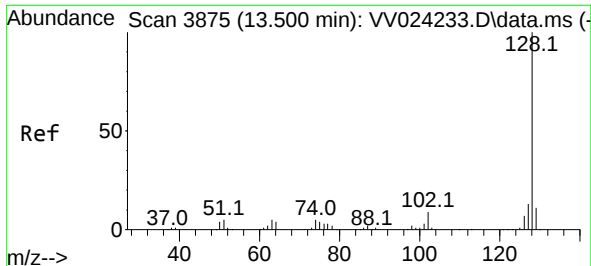
Tgt Ion:180	Resp:	131351
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.4 114.6
184	31.3	24.2 36.4
145	28.8	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.392 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024240.D
 Acq: 30 Dec 2021 14:13

Tgt Ion:180	Resp:	102111
Ion Ratio	Lower	Upper
180	100	
182	94.1	74.4 111.6
145	30.5	23.3 34.9

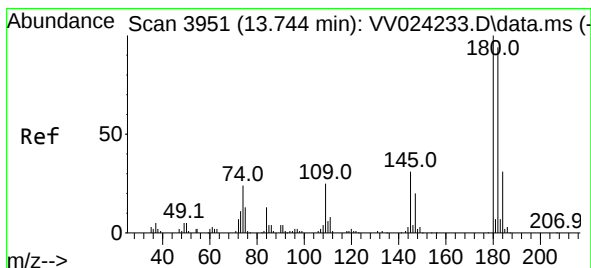
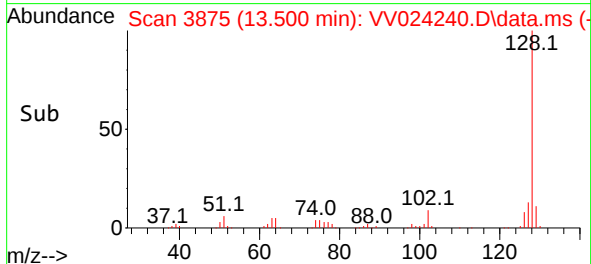
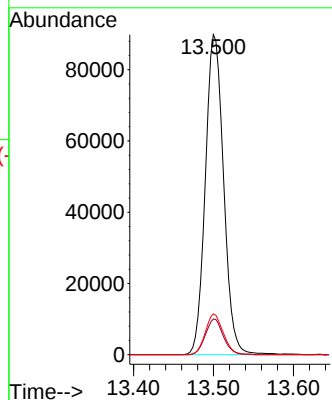
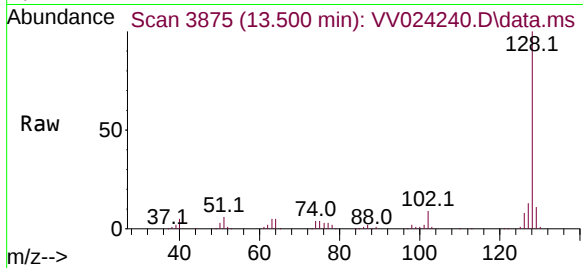




#71
Naphthalene
Concen: 5.090 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

Tgt Ion:128 Resp: 143099
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.589 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024240.D
Acq: 30 Dec 2021 14:13

Tgt Ion:180 Resp: 93084
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 31.2 25.8 38.6

