

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111621\
 Data File : VW020901.D
 Acq On : 16 Nov 2021 08:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Nov 17 00:23:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 16 04:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131550	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	117291	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36983	24.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
7) Chloroethane-d5	2.891	69	24798	25.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.019	63	75904	25.710	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.840%
21) 2-Butanone-d5	7.074	46	15945	41.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.720%
24) Chloroform-d	7.653	84	79720	24.051	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	8.305	65	37596	22.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	8.275	84	153554	24.840	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.360%
36) 1,2-Dichloropropane-d6	9.274	67	42579	24.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.323	98	153152	24.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.579	79	19746	23.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	10.920	63	12652	43.335	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	30967	22.964	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	55915	23.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	7271	19.098	ug/L	97
3) Chloromethane	2.221	50	23436	20.247	ug/L	100
5) Vinyl chloride	2.361	62	44812	22.383	ug/L	97
6) Bromomethane	2.782	94	24861	22.395	ug/L	99
8) Chloroethane	2.928	64	20606	24.482	ug/L	90
9) Trichlorofluoromethane	3.263	101	33194	28.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	43216	24.377	ug/L	89
12) 1,1-Dichloroethene	4.038	96	40085	24.320	ug/L	82
13) Acetone	4.123	43	13121	38.586	ug/L	89
14) Carbon disulfide	4.385	76	101136	22.688	ug/L	98
15) Methyl Acetate	4.672	43	13076	21.442	ug/L	# 90
16) Methylene chloride	4.915	84	38383	20.920	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	42137	23.720	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	62749	23.532	ug/L	93
19) 1,1-Dichloroethane	6.220	63	70196	23.848	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	45646	23.842	ug/L	75
22) 2-Butanone	7.171	43	18275	39.556	ug/L	86
23) Bromochloromethane	7.519	128	20897	23.875	ug/L	# 65
25) Chloroform	7.677	83	77509	24.092	ug/L	99

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 Response via : Initial Calibration

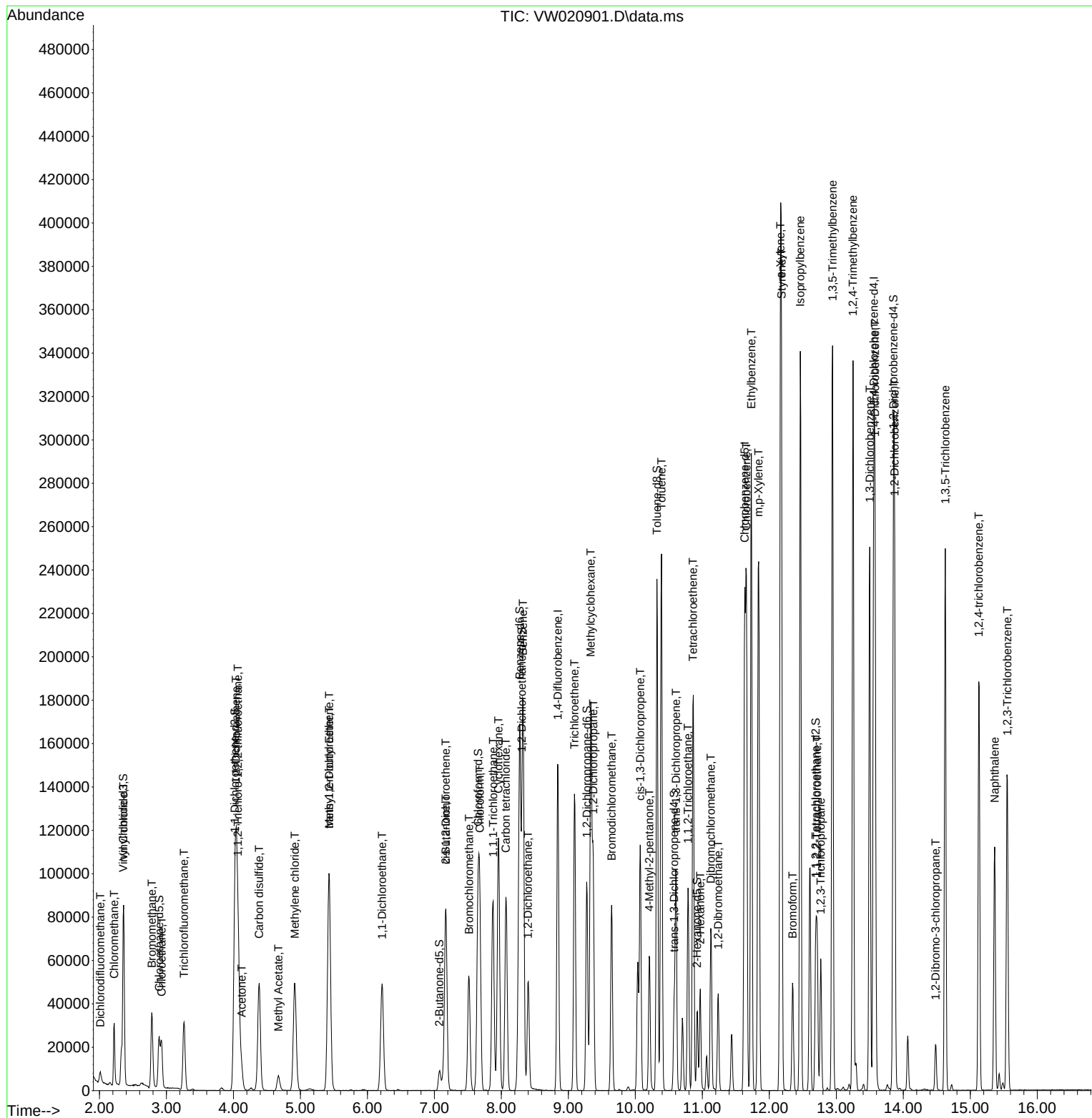
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	44353	22.768	ug/L	96
29) Cyclohexane	7.958	56	63561	24.307	ug/L #	85
30) 1,1,1-Trichloroethane	7.878	97	72851	25.829	ug/L #	93
31) Carbon tetrachloride	8.067	117	69037	25.861	ug/L	100
33) Benzene	8.323	78	160916	24.231	ug/L	100
34) Trichloroethene	9.091	95	45550	24.522	ug/L	88
35) Methylcyclohexane	9.335	83	74817	24.430	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	37857	24.494	ug/L #	96
38) Bromodichloromethane	9.646	83	54902	24.753	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	62470	24.480	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	39952	43.430	ug/L #	92
42) Toluene	10.390	91	183198	24.525	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	53581	23.891	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	28627	23.815	ug/L	95
46) Tetrachloroethene	10.859	164	43482	25.495	ug/L	96
48) 2-Hexanone	10.969	43	28402	44.572	ug/L #	93
49) Dibromochloromethane	11.128	129	39279	23.702	ug/L	96
50) 1,2-Dibromoethane	11.237	107	28758	23.862	ug/L #	97
51) Chlorobenzene	11.658	112	122988	24.755	ug/L	93
52) Ethylbenzene	11.731	91	204321	24.684	ug/L	95
53) m,p-Xylene	11.841	106	83396	24.678	ug/L	85
54) o-Xylene	12.164	106	78125	24.071	ug/L	96
55) Styrene	12.182	104	132019	24.497	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	31341	23.524	ug/L #	96
59) Bromoform	12.347	173	22796	23.360	ug/L	99
60) Isopropylbenzene	12.463	105	218905	24.557	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	22347	23.278	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	184800	24.575	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	179880	24.244	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	107477	25.716	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	102554	24.326	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	88756	24.100	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5139	22.391	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.627	180	78372	23.676	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	62853	23.209	ug/L	99
71) Naphthalene	15.365	128	98742	22.377	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	53652	23.478	ug/L	94

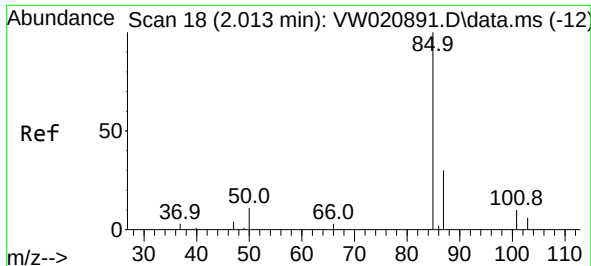
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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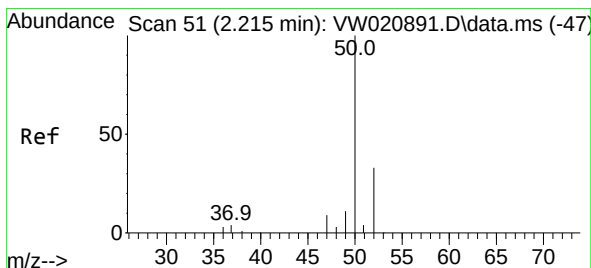
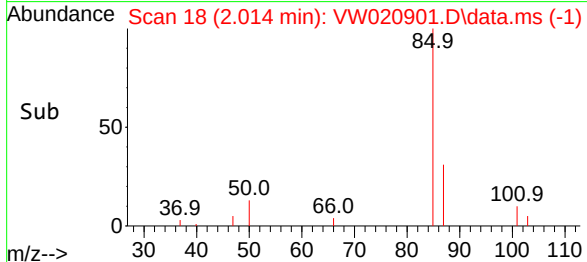
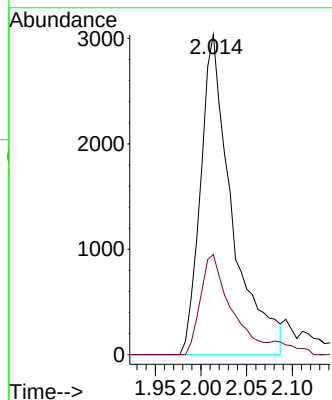
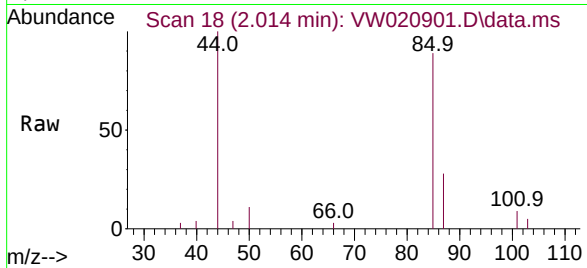




#2
Dichlorodifluoromethane
Concen: 19.098 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

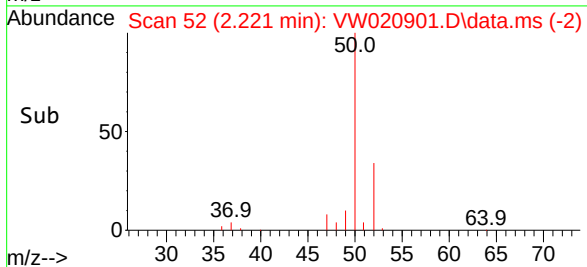
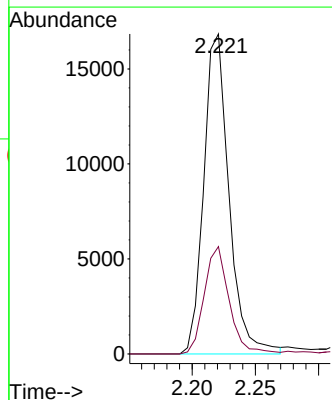
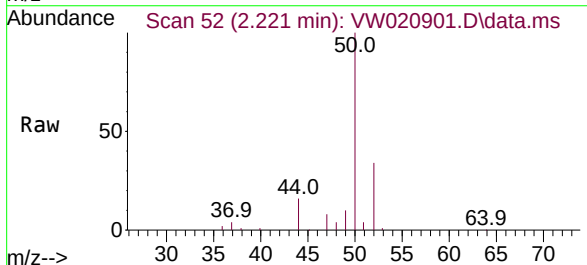
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

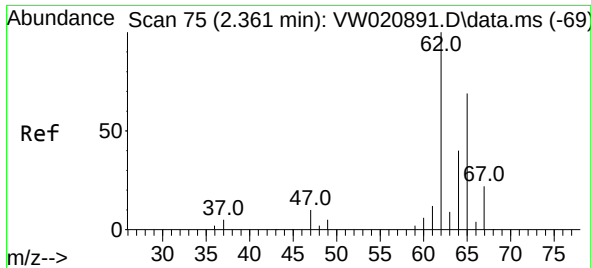
Tgt Ion: 85 Resp: 7271
Ion Ratio Lower Upper
85 100
87 30.2 25.8 38.6



#3
Chloromethane
Concen: 20.247 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 50 Resp: 23436
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6

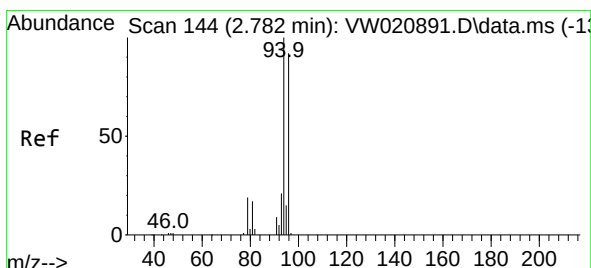
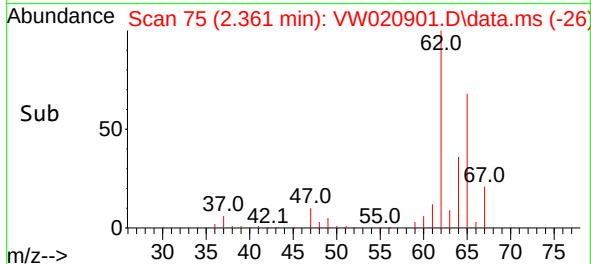
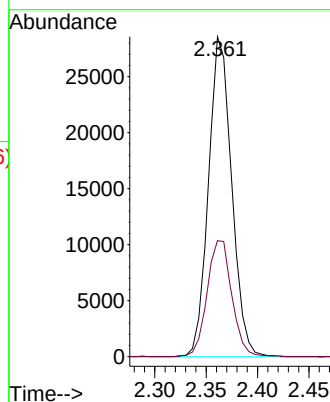
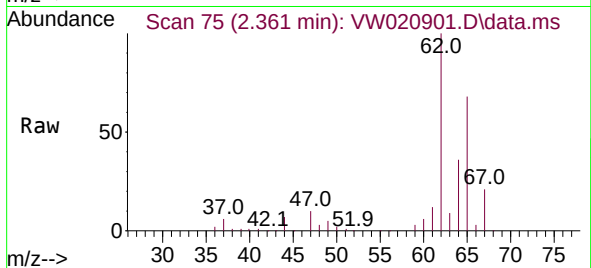




#5
 Vinyl chloride
 Concen: 22.383 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

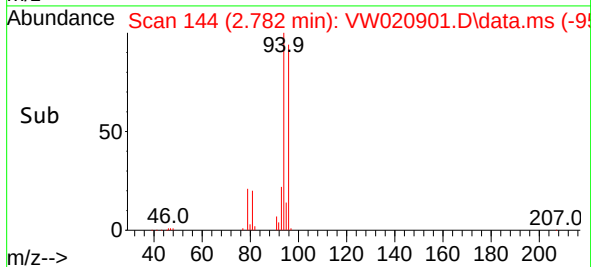
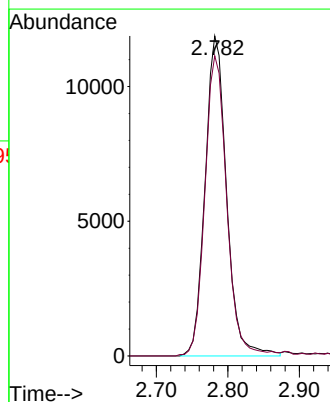
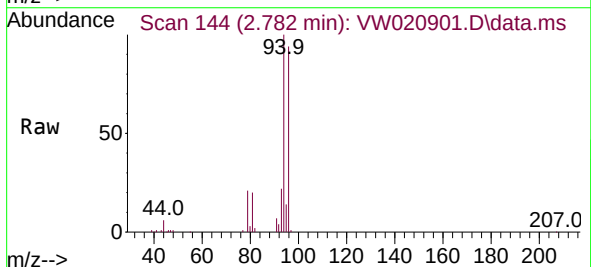
Instrument :
 MSVOA_W
 ClientSampleId :
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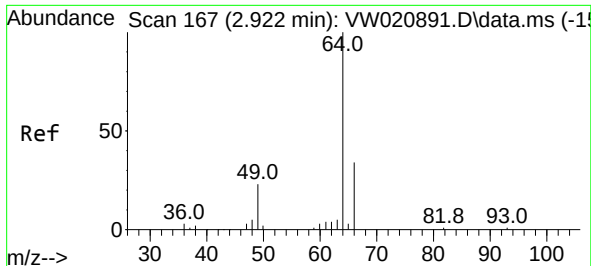
Tgt Ion: 62 Resp: 44812
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.4 45.2



#6
 Bromomethane
 Concen: 22.395 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

Tgt Ion: 94 Resp: 24861
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.8 120.4

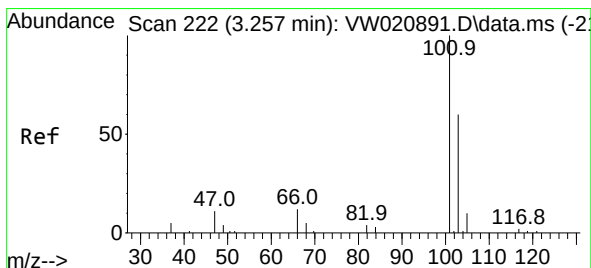
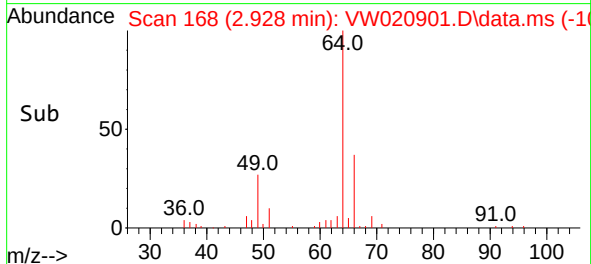
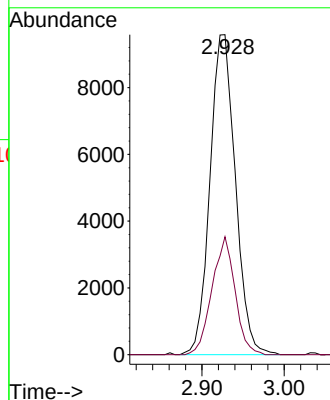
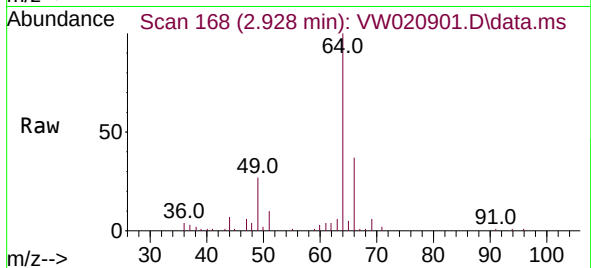




#8
Chloroethane
Concen: 24.482 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

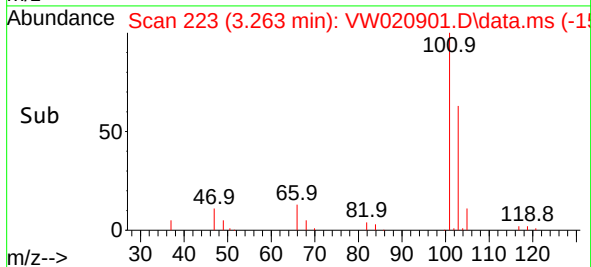
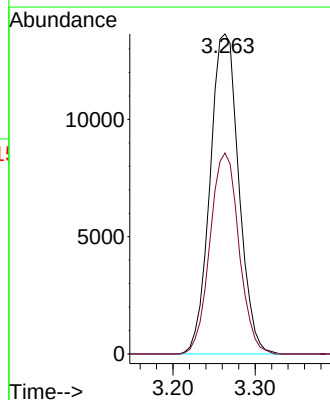
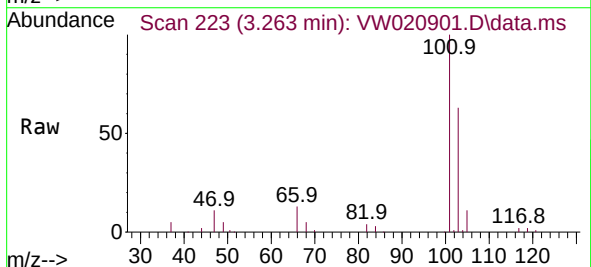
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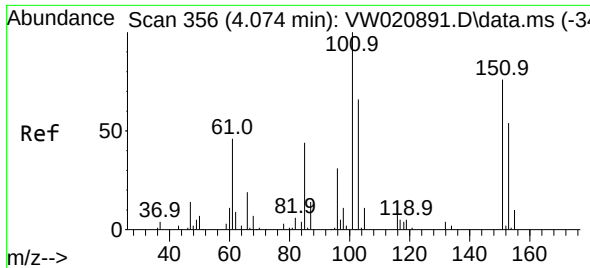
Tgt Ion: 64 Resp: 20606
Ion Ratio Lower Upper
64 100
66 36.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 28.464 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 101 Resp: 33194
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

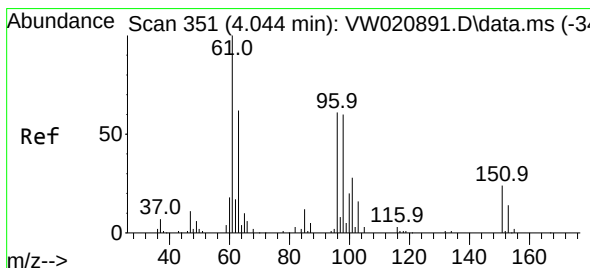
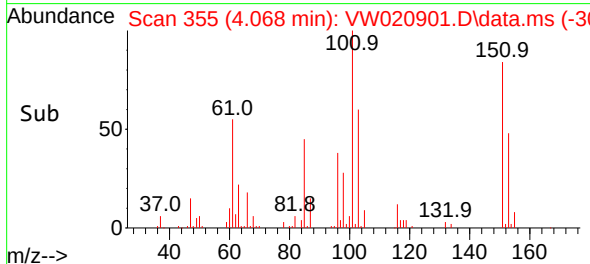
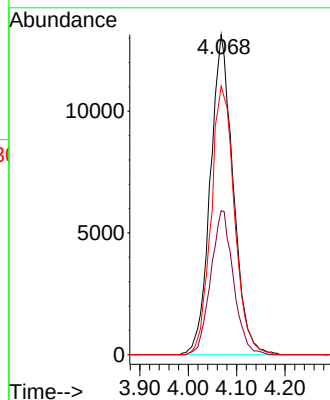
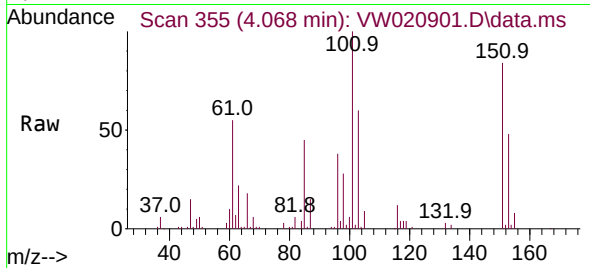




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.377 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

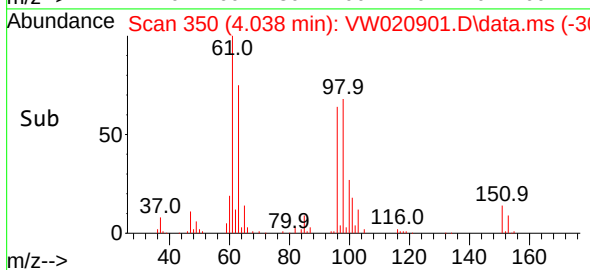
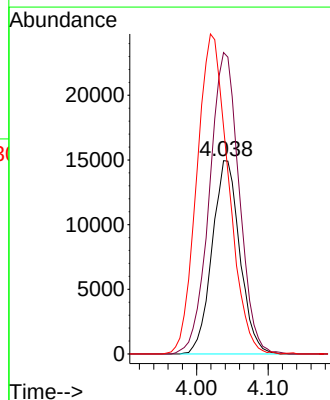
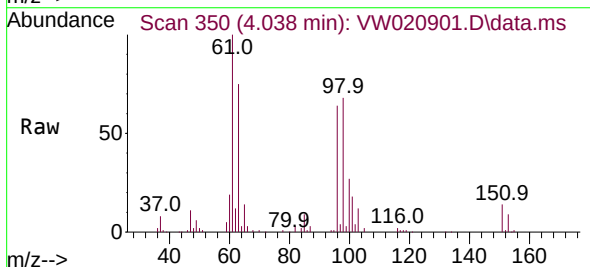
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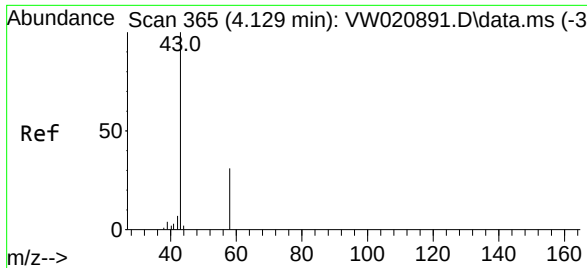
Tgt Ion:101 Resp: 43216
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.6 54.8
 151 85.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.320 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

Tgt Ion: 96 Resp: 40085
 Ion Ratio Lower Upper
 96 100
 61 155.9 138.3 256.9
 63 117.5 82.6 153.4





#13

Acetone

Concen: 38.586 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

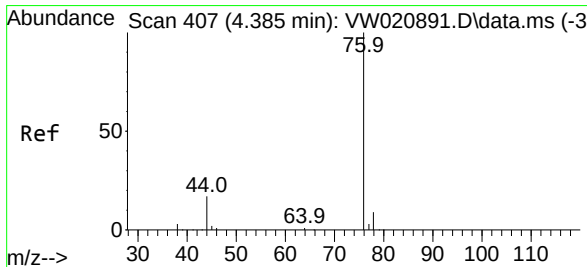
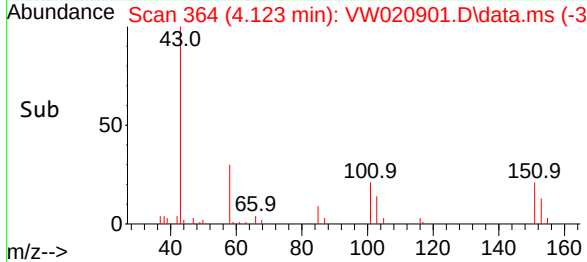
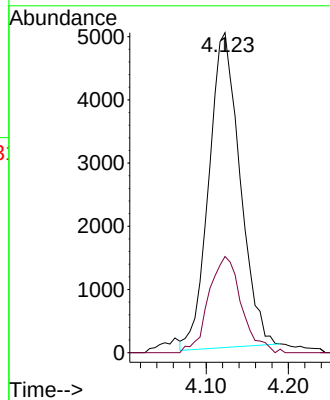
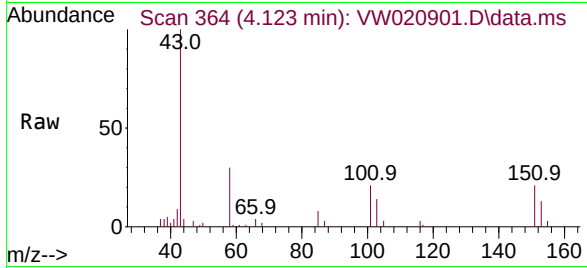
VSTD025493

Tgt Ion: 43 Resp: 13121

Ion Ratio Lower Upper

43 100

58 32.0 0.0 52.8



#14

Carbon disulfide

Concen: 22.688 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW020901.D

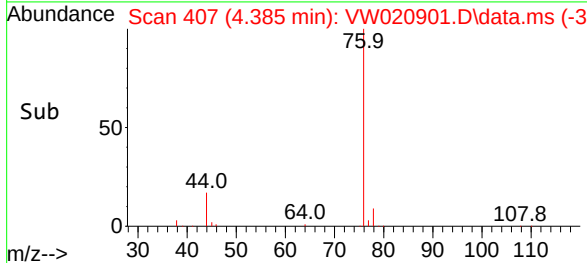
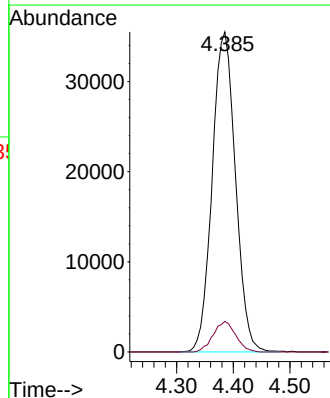
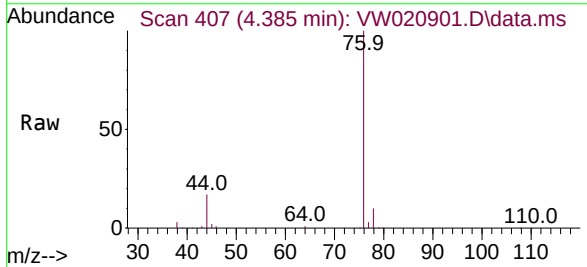
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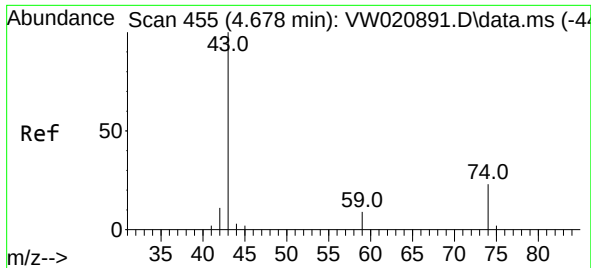
Tgt Ion: 76 Resp: 101136

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

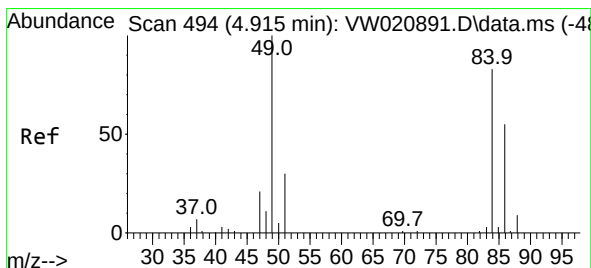
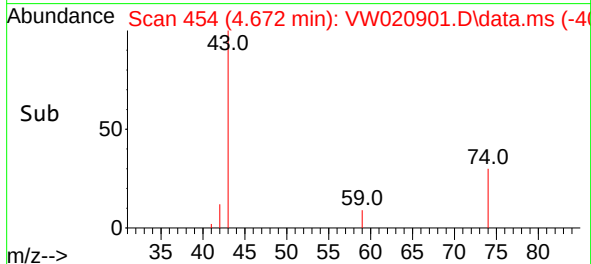
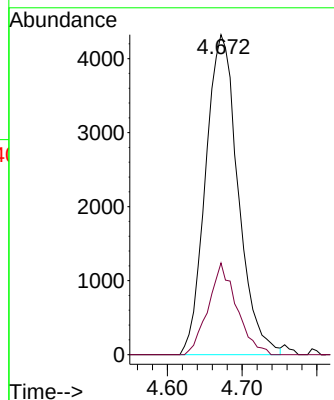
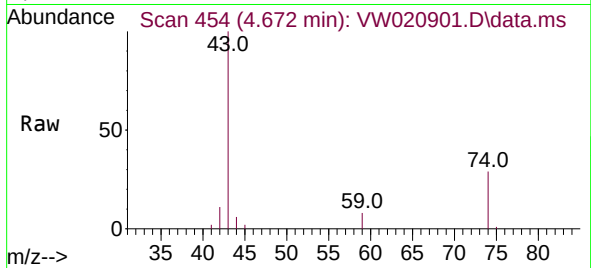




#15
Methyl Acetate
Concen: 21.442 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

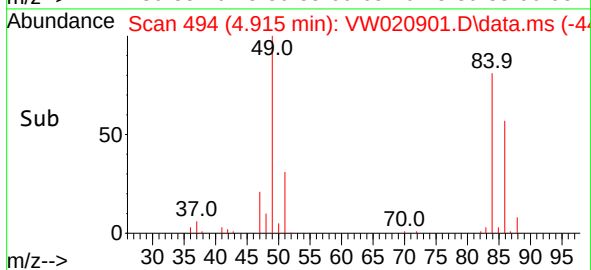
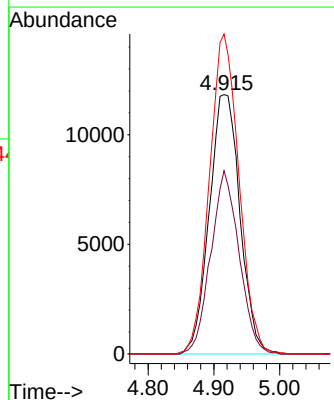
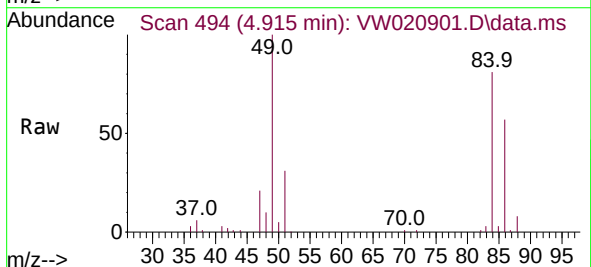
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

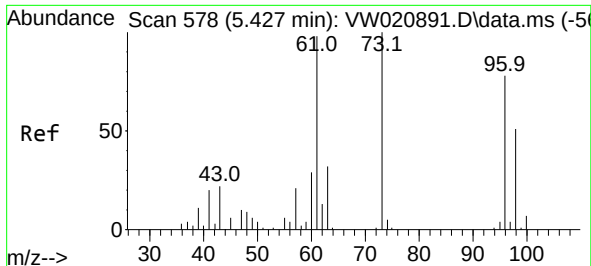
Tgt Ion: 43 Resp: 13076
Ion Ratio Lower Upper
43 100
74 25.1 16.4 24.6#



#16
Methylene chloride
Concen: 20.920 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 84 Resp: 38383
Ion Ratio Lower Upper
84 100
86 70.6 45.5 84.5
49 123.4 100.5 186.7

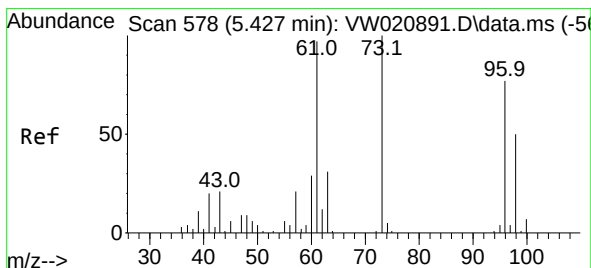
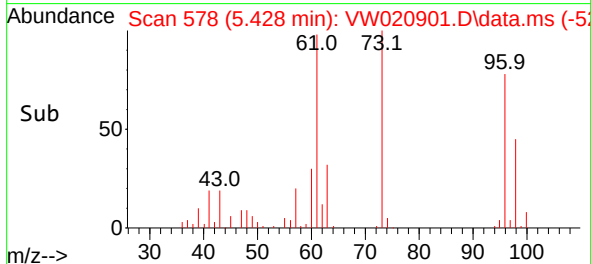
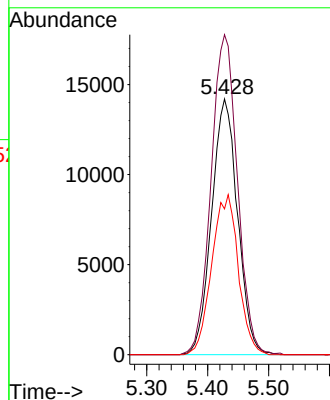
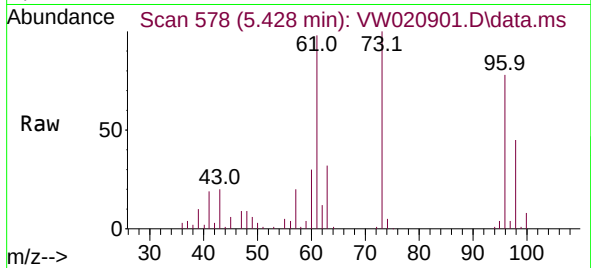




#17
trans-1,2-Dichloroethene
Concen: 23.720 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

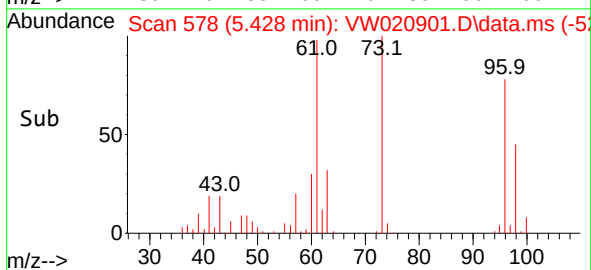
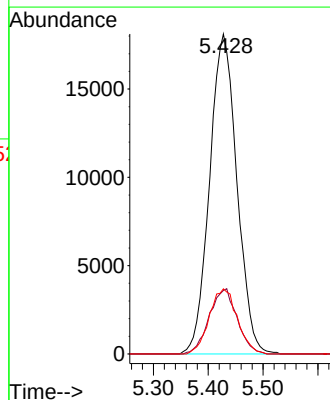
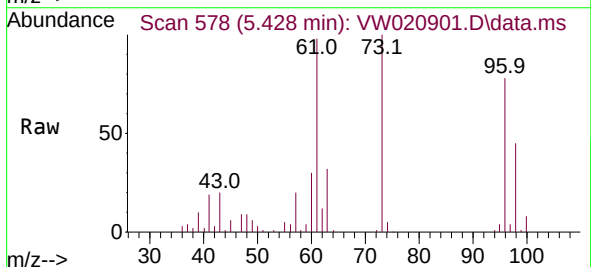
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

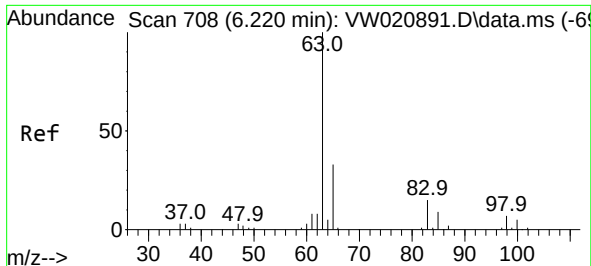
Tgt Ion: 96 Resp: 42137
Ion Ratio Lower Upper
96 100
61 125.1 107.4 199.4
98 57.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.532 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 73 Resp: 62749
Ion Ratio Lower Upper
73 100
43 20.7 19.5 29.3
57 20.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.848 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

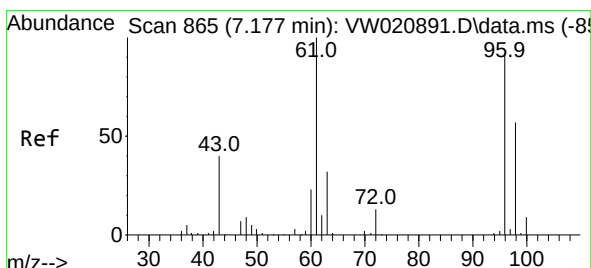
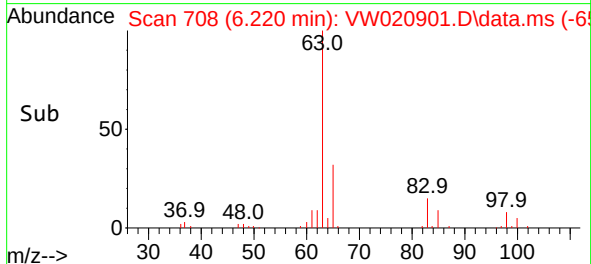
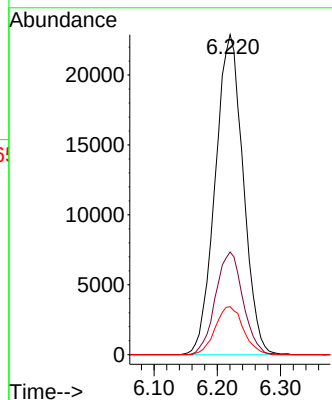
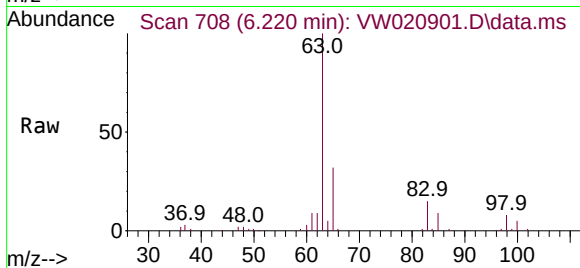
Tgt Ion: 63 Resp: 70196

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

83 15.0 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.842 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

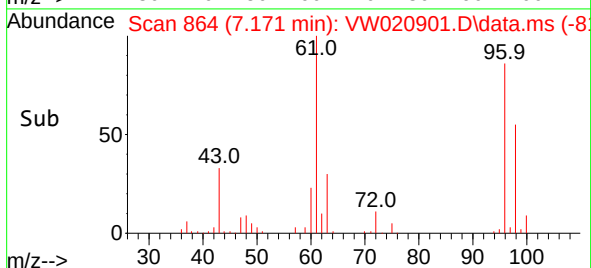
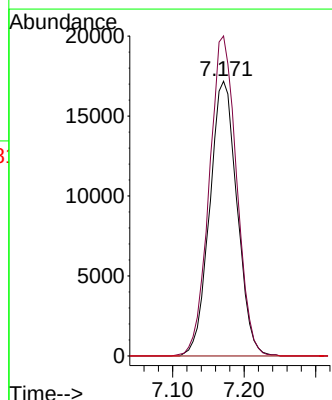
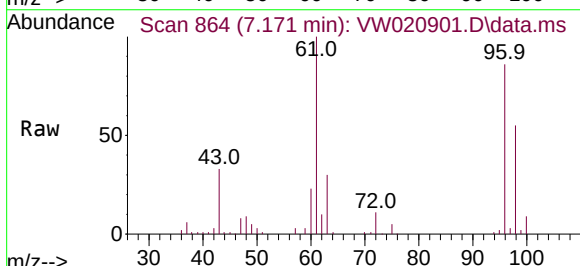
Tgt Ion: 96 Resp: 45646

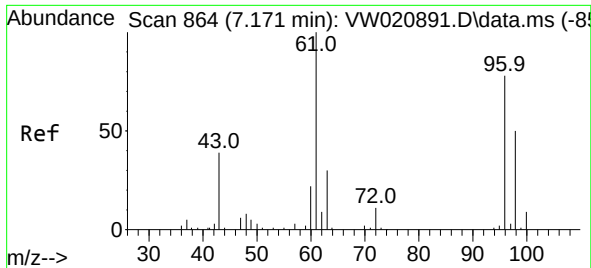
Ion Ratio Lower Upper

96 100

61 116.5 103.7 192.7

68 0.0 0.0 0.0

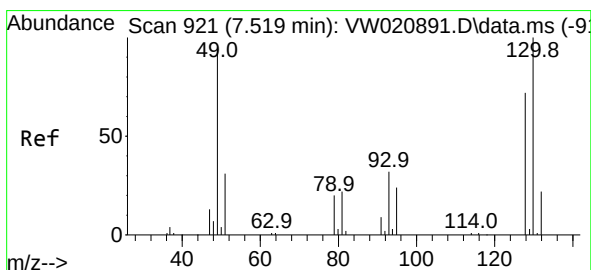
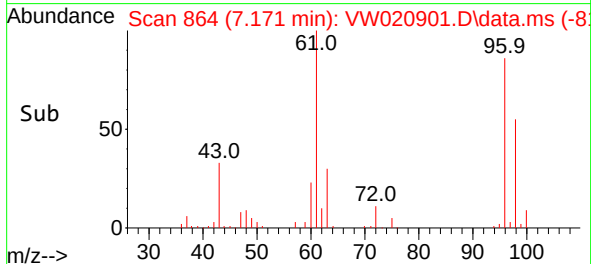
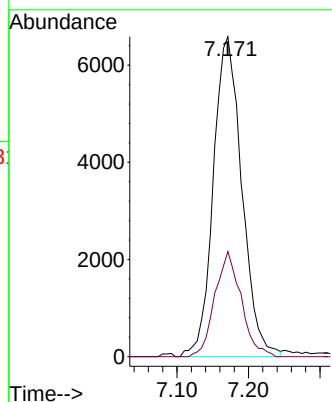
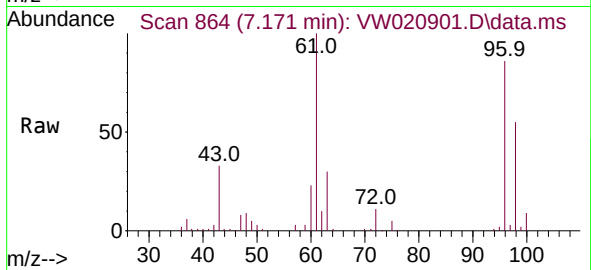




#22
2-Butanone
Concen: 39.556 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

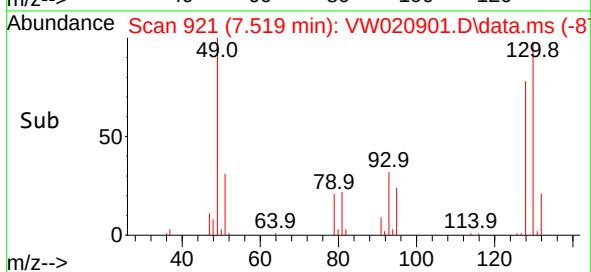
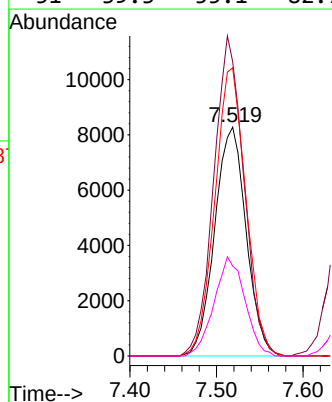
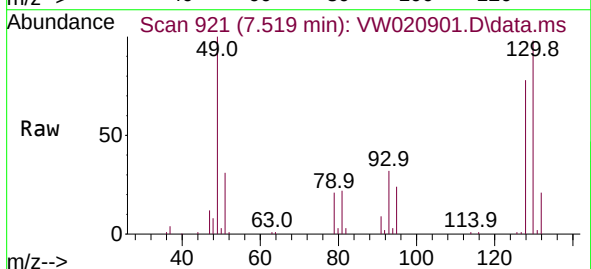
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

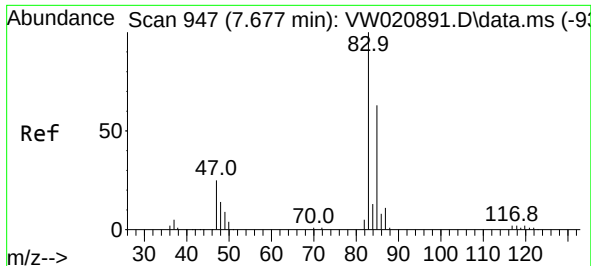
Tgt Ion: 43 Resp: 18275
Ion Ratio Lower Upper
43 100
72 30.3 11.8 35.4



#23
Bromochloromethane
Concen: 23.875 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 128 Resp: 20897
Ion Ratio Lower Upper
128 100
49 128.6 150.3 279.1#
130 126.0 88.3 163.9
51 39.3 55.1 82.7#

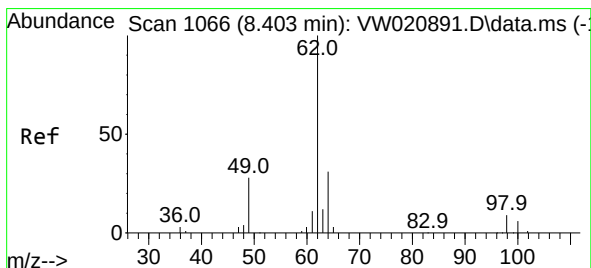
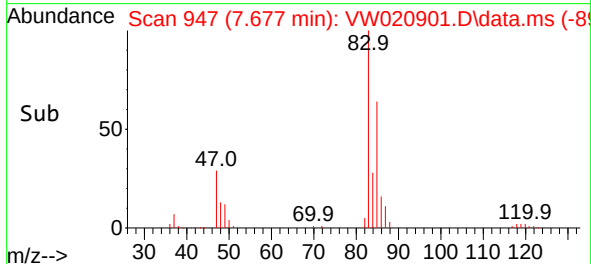
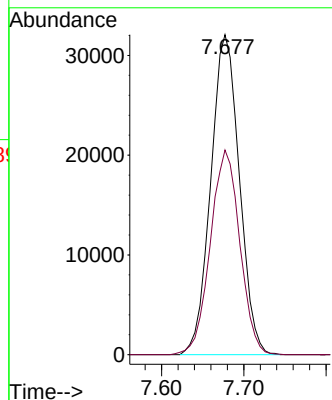
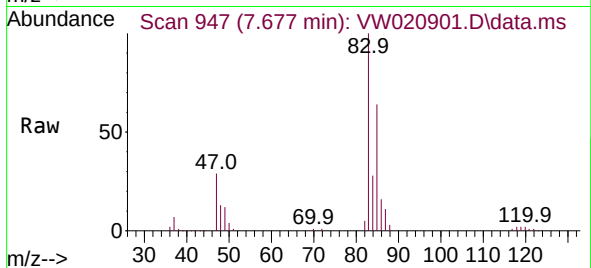




#25
Chloroform
Concen: 24.092 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

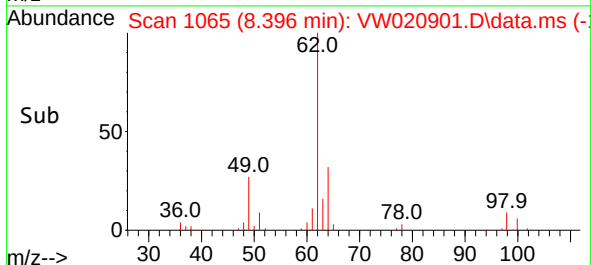
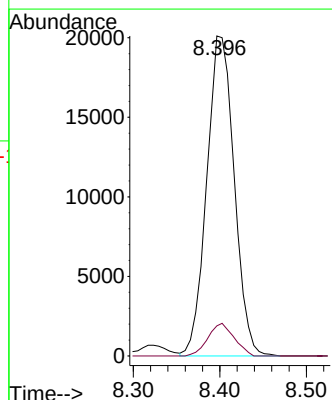
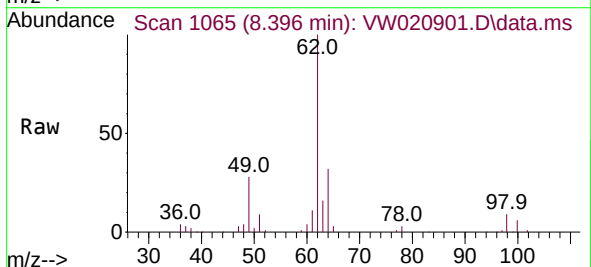
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

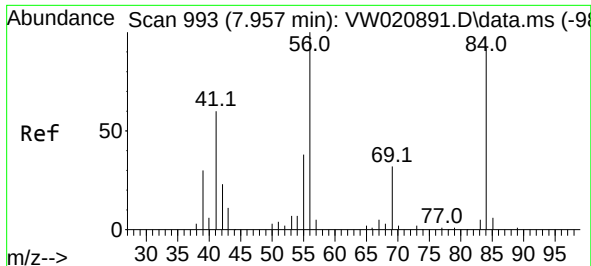
Tgt Ion: 83 Resp: 77509
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.768 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 62 Resp: 44353
Ion Ratio Lower Upper
62 100
98 9.4 6.5 9.7





#29

Cyclohexane

Concen: 24.307 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

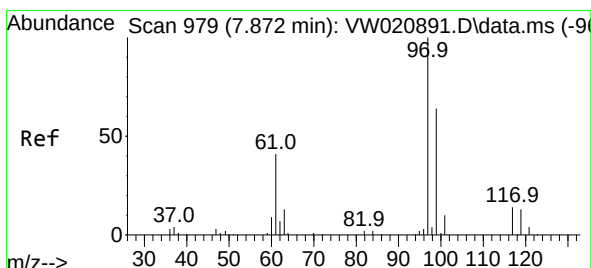
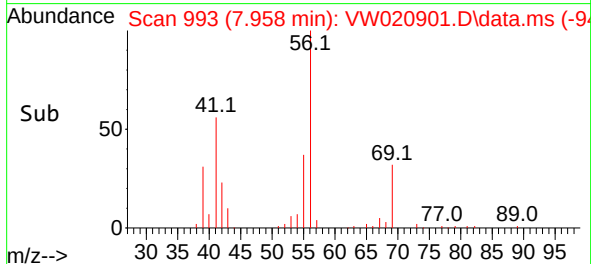
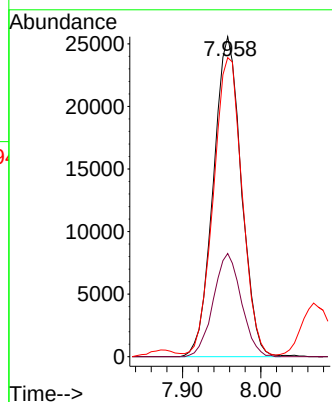
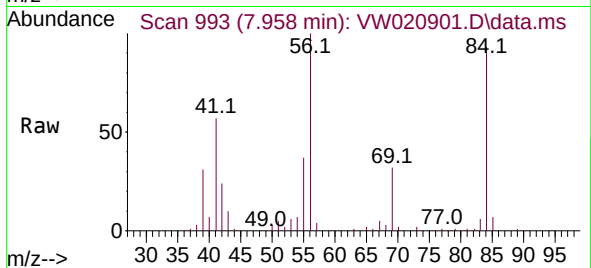
Tgt Ion: 56 Resp: 63561

Ion Ratio Lower Upper

56 100

69 32.1 23.5 35.3

84 96.1 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 25.829 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

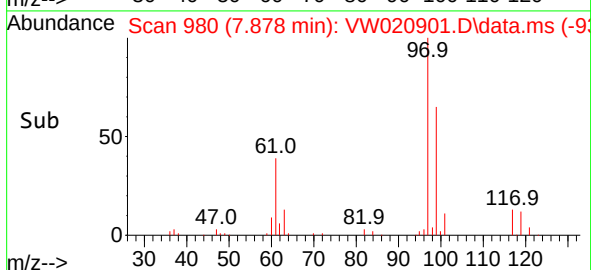
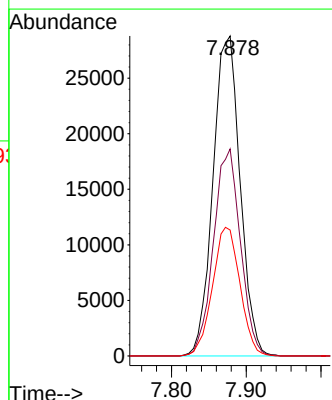
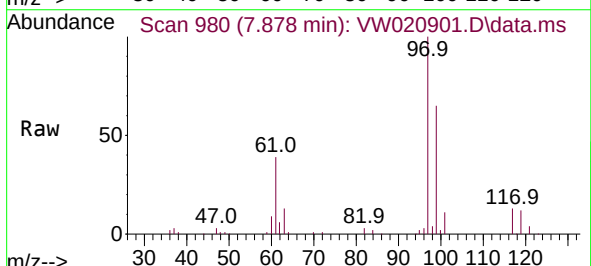
Tgt Ion: 97 Resp: 72851

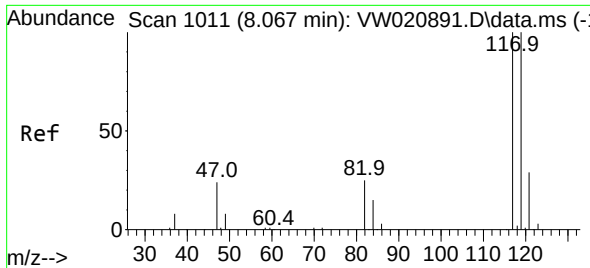
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 40.8 40.9 61.3#

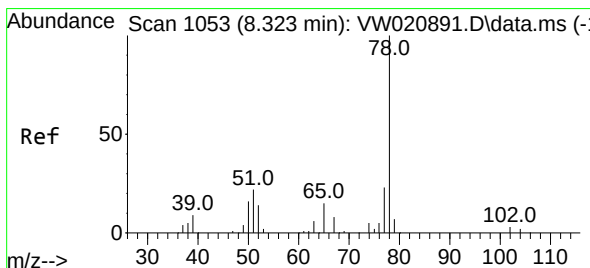
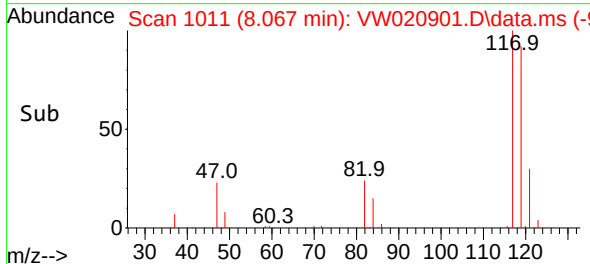
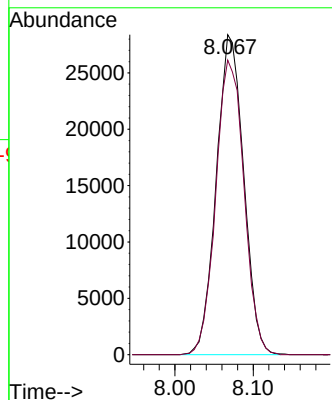
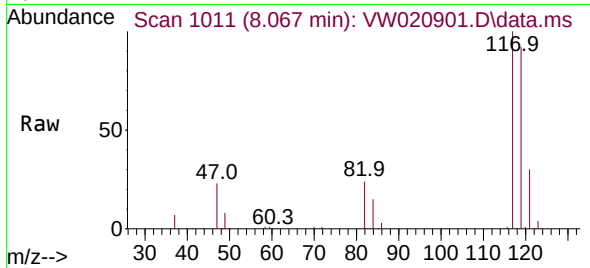




#31
Carbon tetrachloride
Concen: 25.861 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

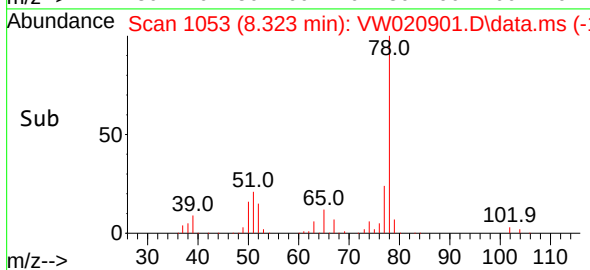
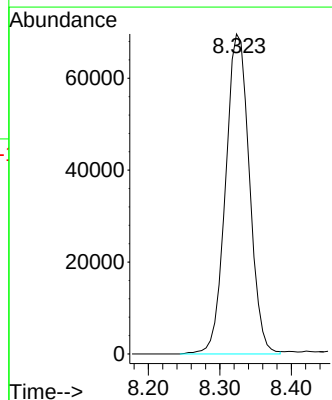
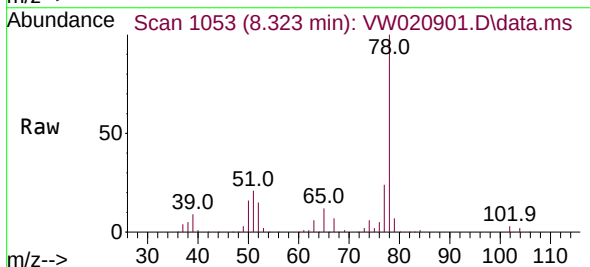
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

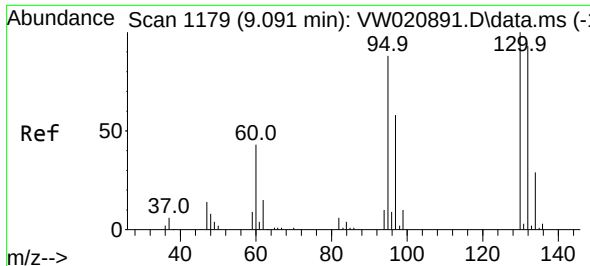
Tgt Ion:117 Resp: 69037
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5



#33
Benzene
Concen: 24.231 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 78 Resp: 160916

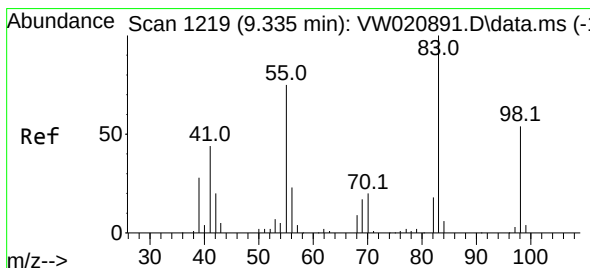
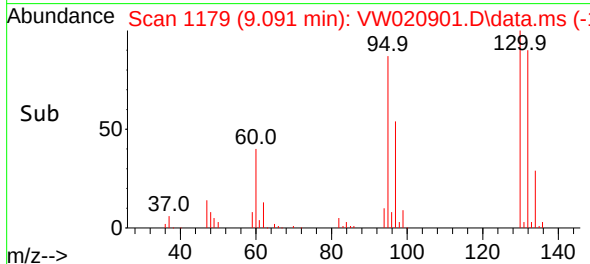
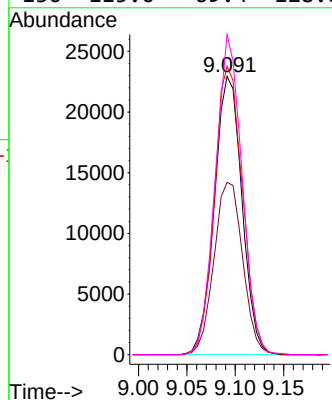
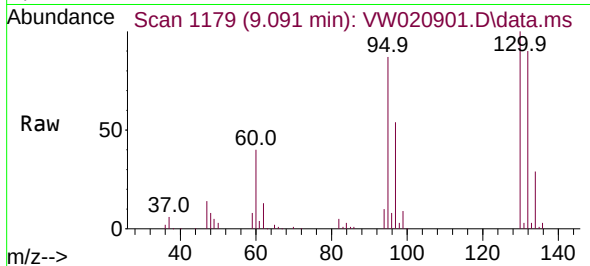




#34
Trichloroethene
Concen: 24.522 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

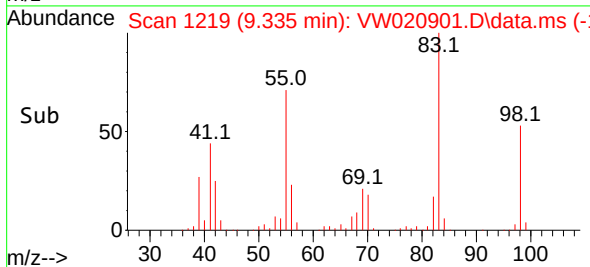
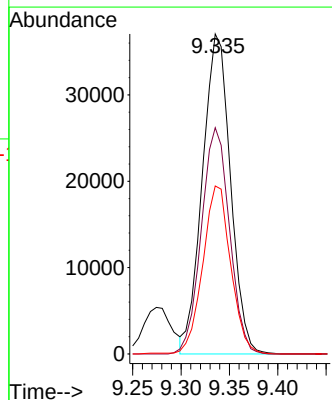
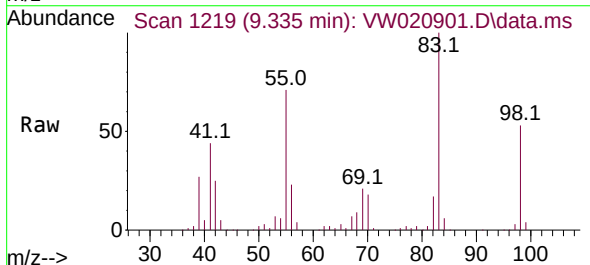
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

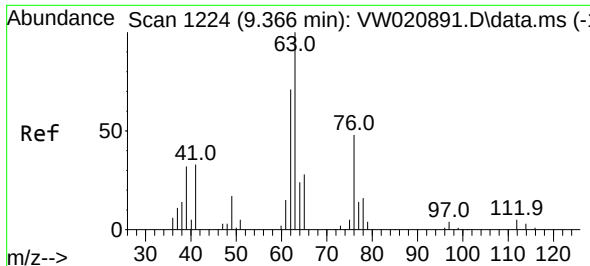
Tgt Ion: 95 Resp: 45550
Ion Ratio Lower Upper
95 100
97 62.0 47.0 87.2
132 103.6 65.5 121.6
130 115.0 69.4 128.8



#35
Methylcyclohexane
Concen: 24.430 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 83 Resp: 74817
Ion Ratio Lower Upper
83 100
55 70.8 70.8 106.2#
98 52.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.494 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

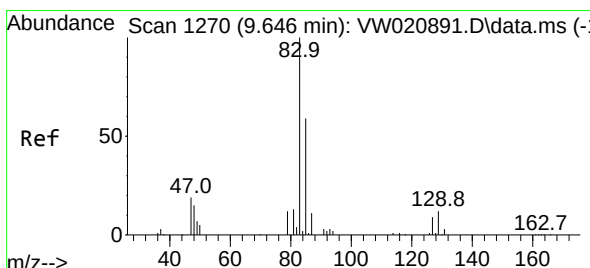
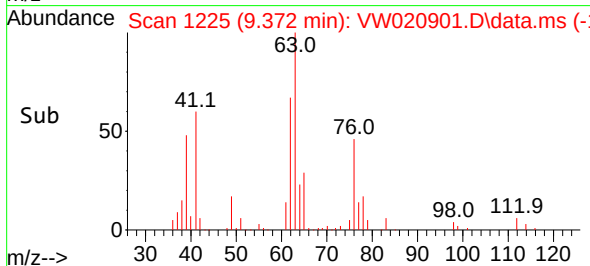
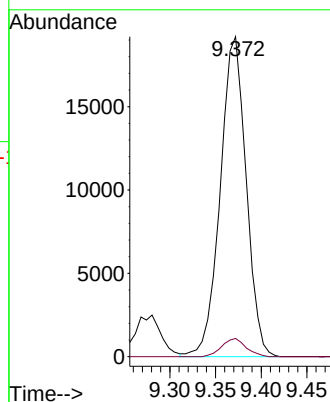
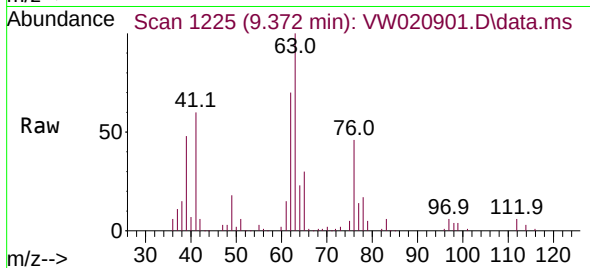
VSTD025493

Tgt Ion: 63 Resp: 37857

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.753 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

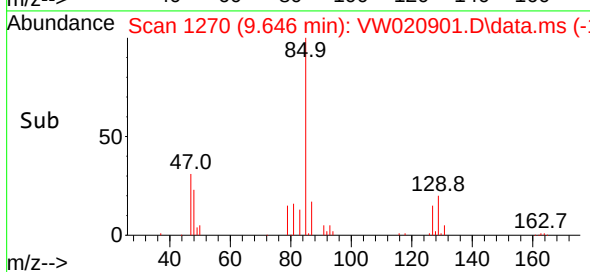
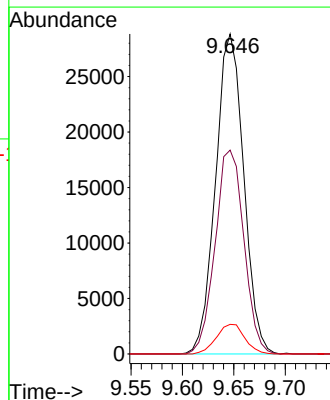
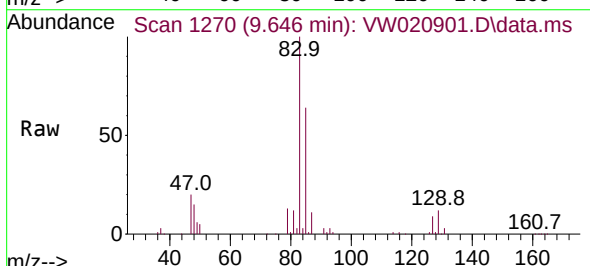
Tgt Ion: 83 Resp: 54902

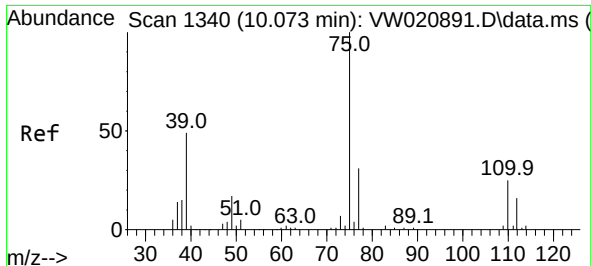
Ion Ratio Lower Upper

83 100

85 63.7 44.1 81.9

127 9.2 6.1 9.1#

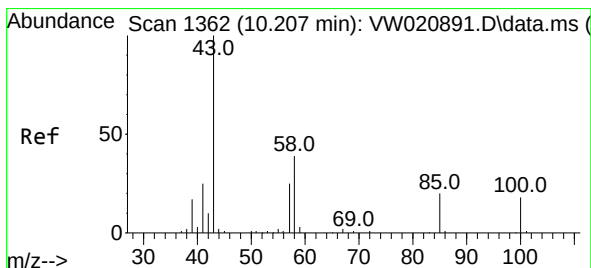
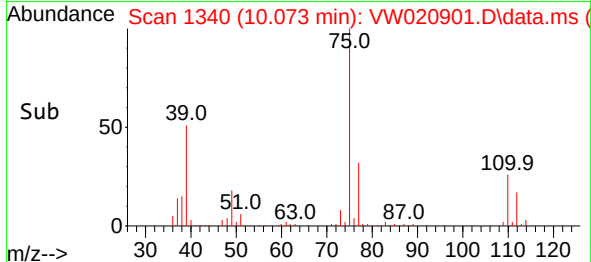
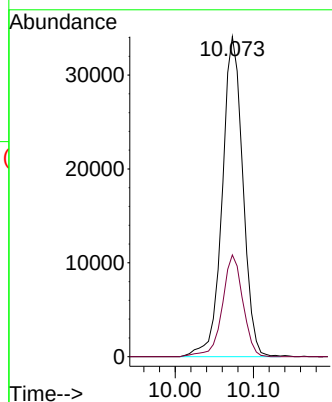
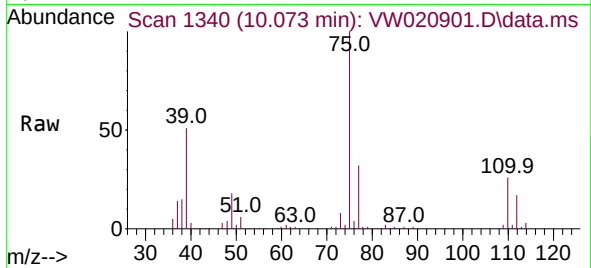




#39
 cis-1,3-Dichloropropene
 Concen: 24.480 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

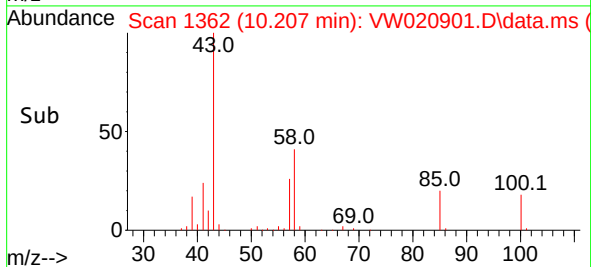
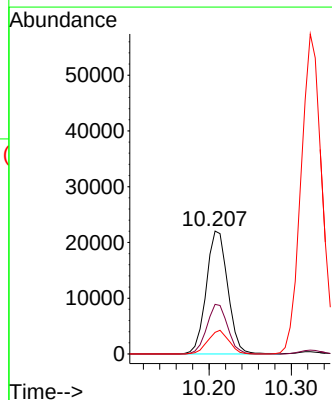
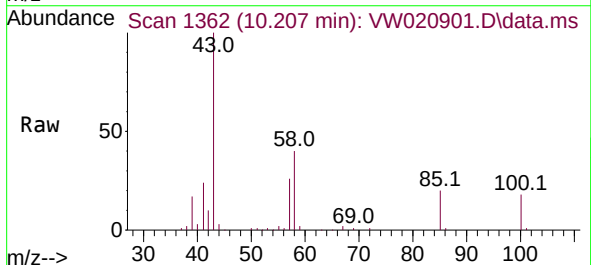
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

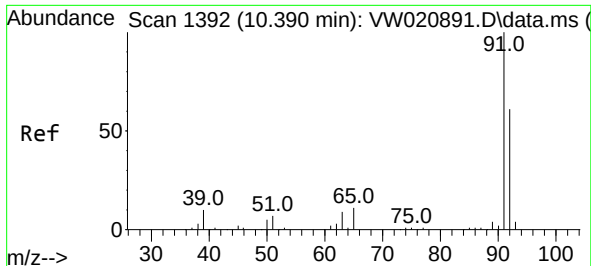
Tgt Ion: 75 Resp: 62470
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 43.430 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

Tgt Ion: 43 Resp: 39952
 Ion Ratio Lower Upper
 43 100
 58 39.2 28.8 43.2
 100 18.7 10.0 15.0#

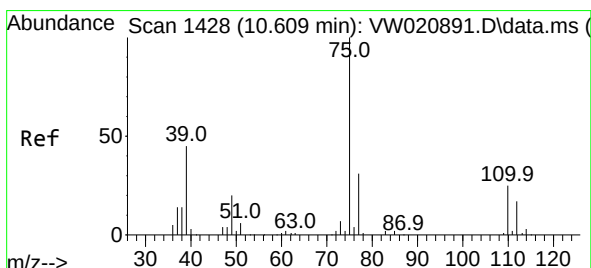
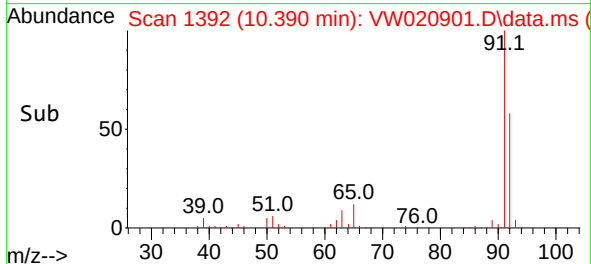
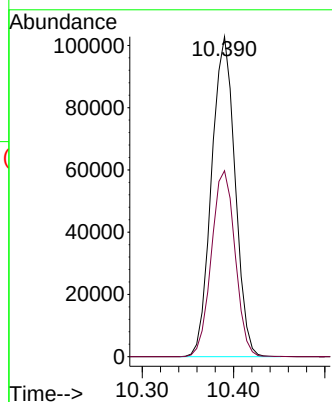
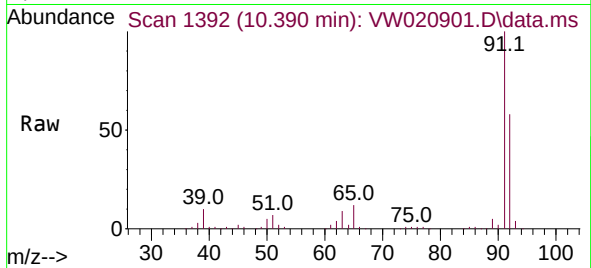




#42
Toluene
Concen: 24.525 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

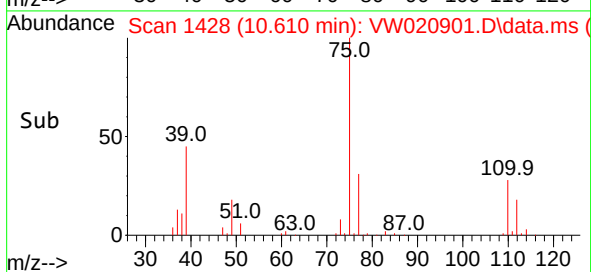
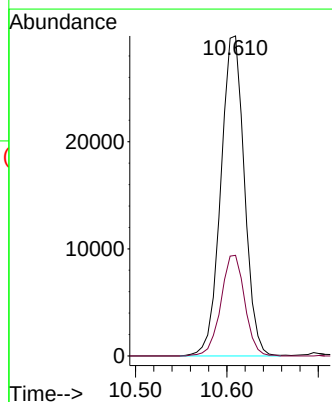
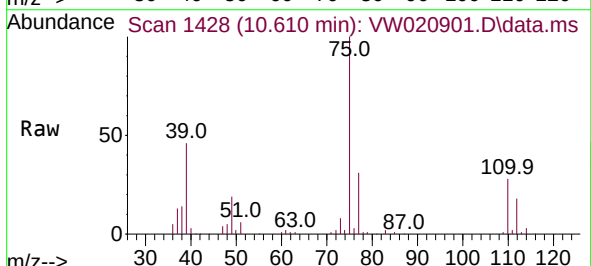
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

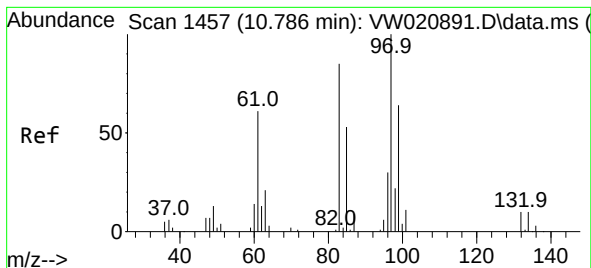
Tgt Ion: 91 Resp: 183198
Ion Ratio Lower Upper
91 100
92 58.1 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.891 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 75 Resp: 53581
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 23.815 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion: 97 Resp: 28627

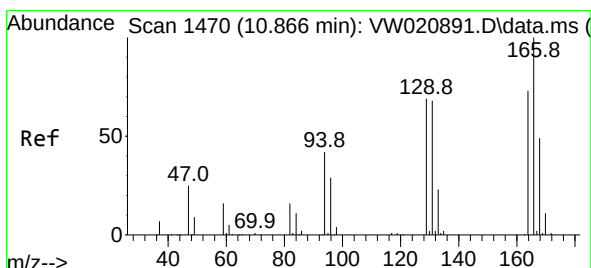
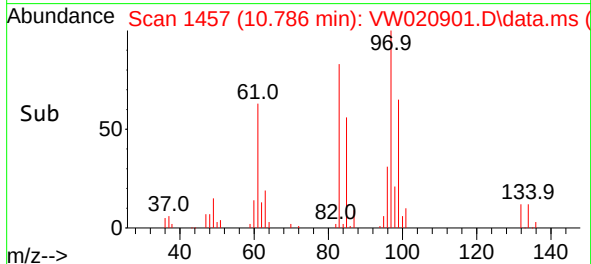
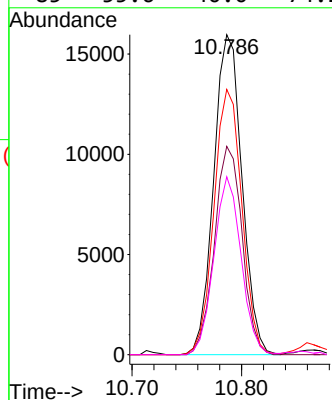
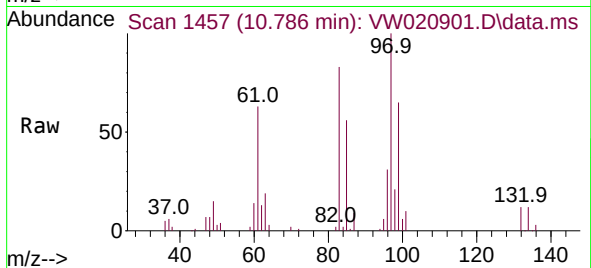
Ion Ratio Lower Upper

97 100

99 65.1 43.0 79.8

83 82.9 62.6 116.3

85 55.6 40.0 74.2



#46

Tetrachloroethene

Concen: 25.495 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Tgt Ion:164 Resp: 43482

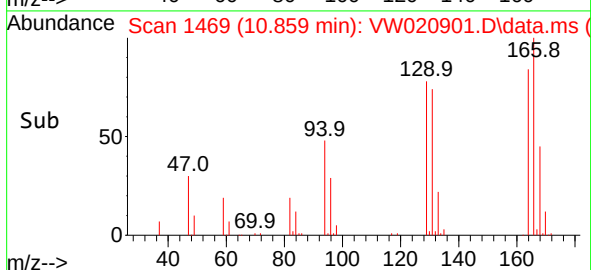
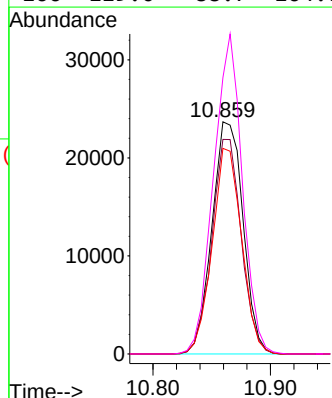
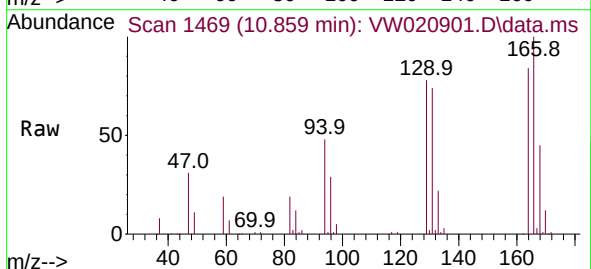
Ion Ratio Lower Upper

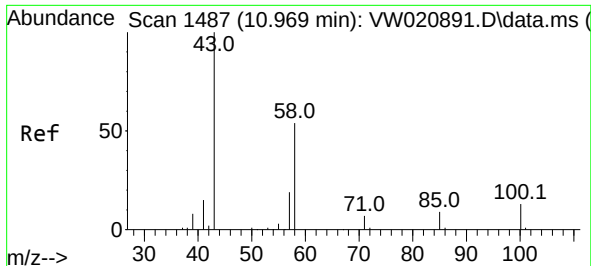
164 100

129 92.4 65.5 121.7

131 88.5 59.7 110.9

166 119.0 88.7 164.7

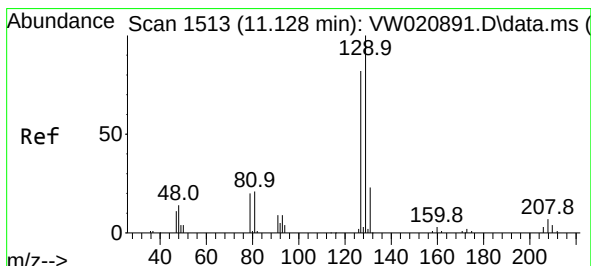
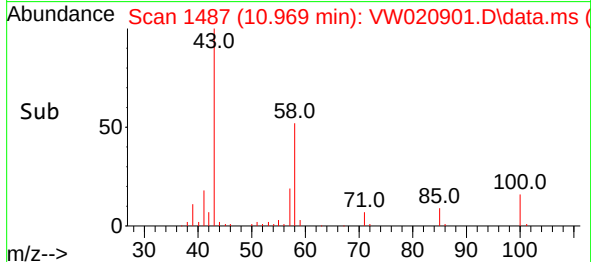
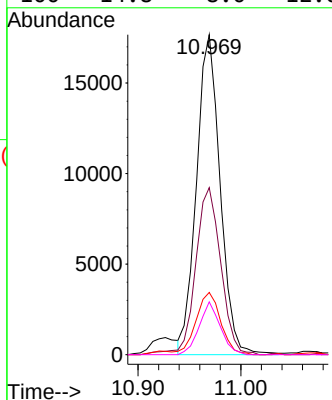
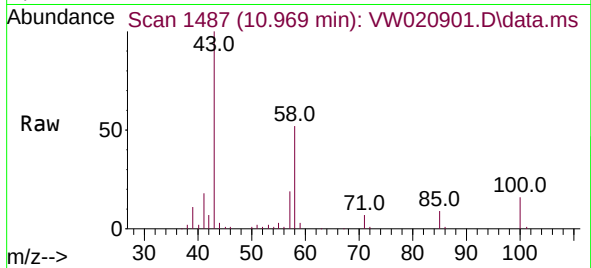




#48
2-Hexanone
Concen: 44.572 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

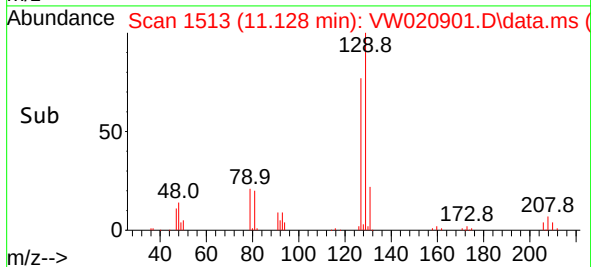
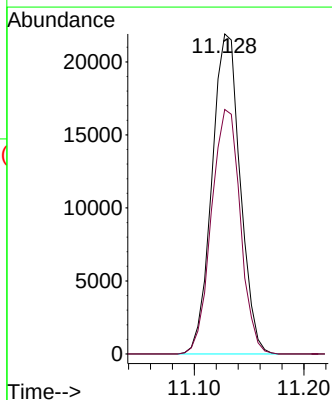
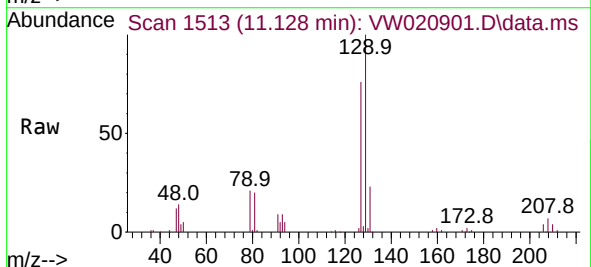
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

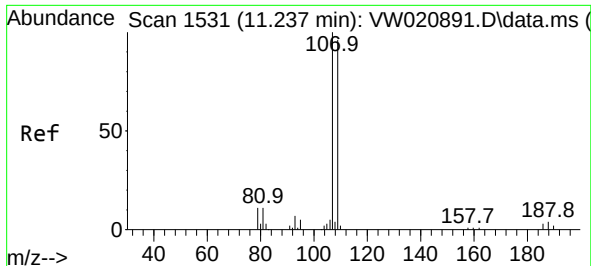
Tgt Ion:	43	Resp:	28402
Ion	Ratio	Lower	Upper
43	100		
58	54.3	40.2	60.2
57	20.3	14.3	21.5
100	14.8	8.0	12.0



#49
Dibromochloromethane
Concen: 23.702 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion:	129	Resp:	39279
Ion	Ratio	Lower	Upper
129	100		
127	76.4	55.7	103.5





#50

1,2-Dibromoethane

Concen: 23.862 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

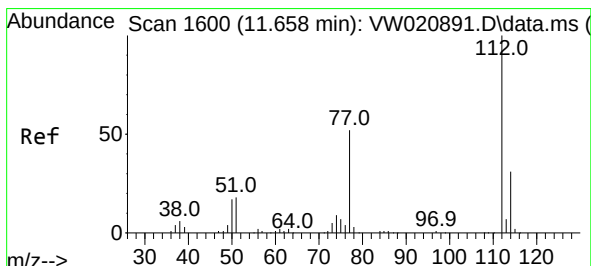
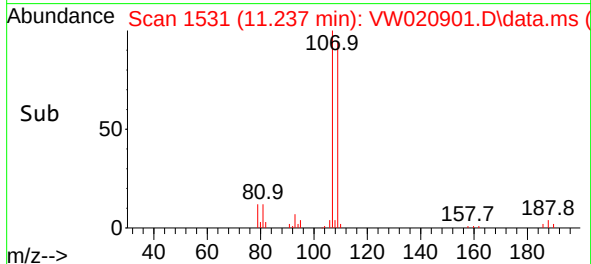
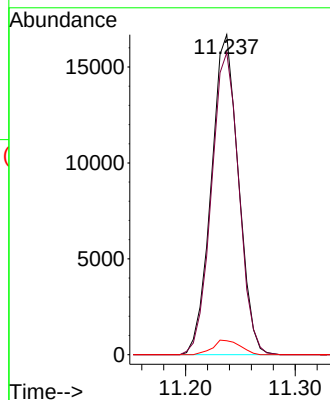
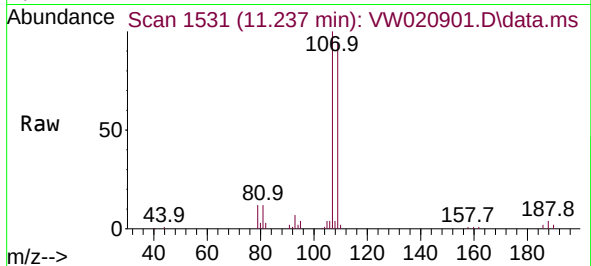
Tgt Ion:107 Resp: 28758

Ion Ratio Lower Upper

107 100

109 94.4 64.1 119.1

188 4.3 2.6 3.8#



#51

Chlorobenzene

Concen: 24.755 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

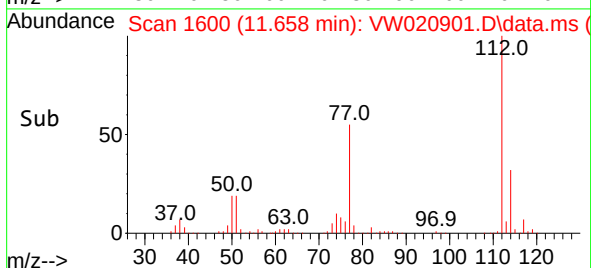
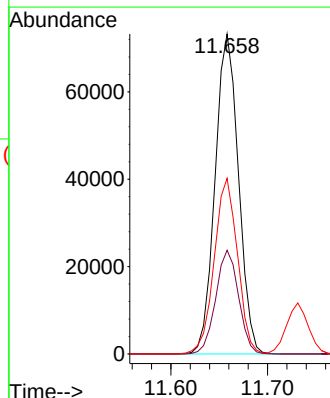
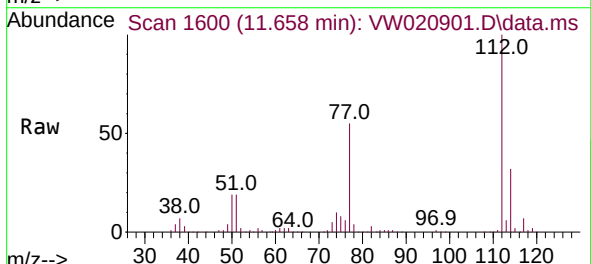
Tgt Ion:112 Resp: 122988

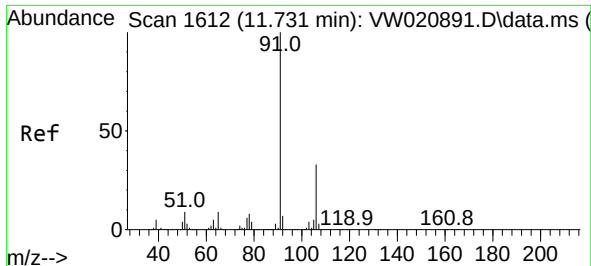
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 54.9 50.2 75.4





#52

Ethylbenzene

Concen: 24.684 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

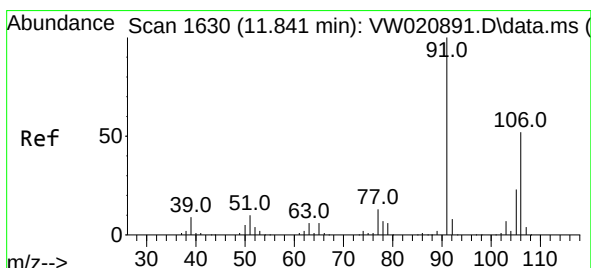
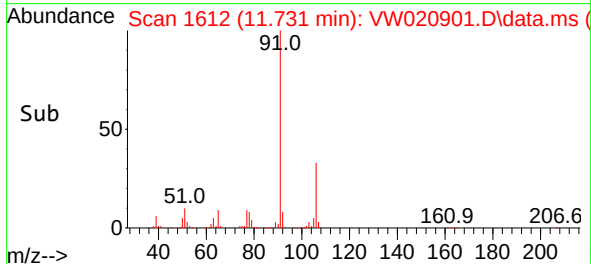
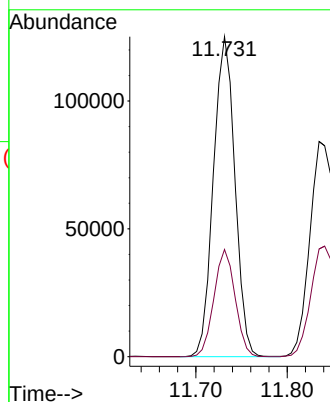
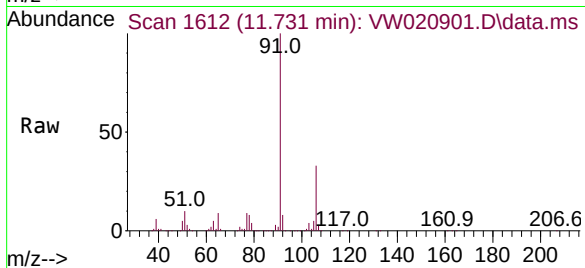
VSTD025493

Tgt Ion: 91 Resp: 204321

Ion Ratio Lower Upper

91 100

106 33.5 21.5 39.9



#53

m,p-Xylene

Concen: 24.678 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VW020901.D

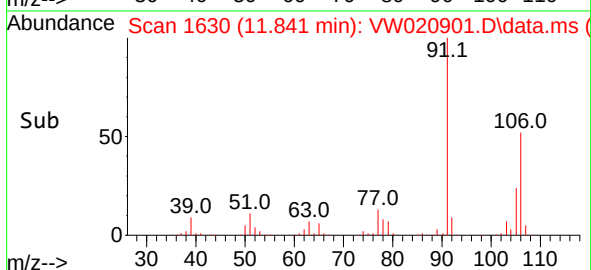
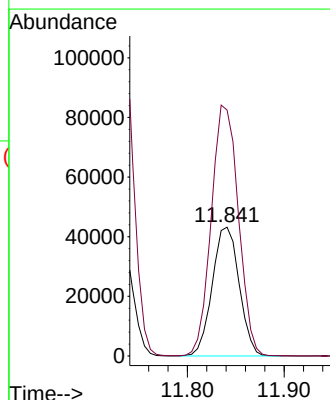
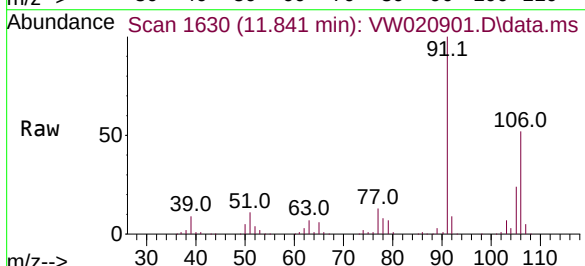
Acq: 16 Nov 2021 08:29

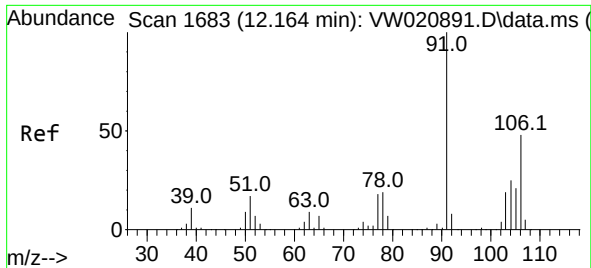
Tgt Ion:106 Resp: 83396

Ion Ratio Lower Upper

106 100

91 190.8 149.9 278.3

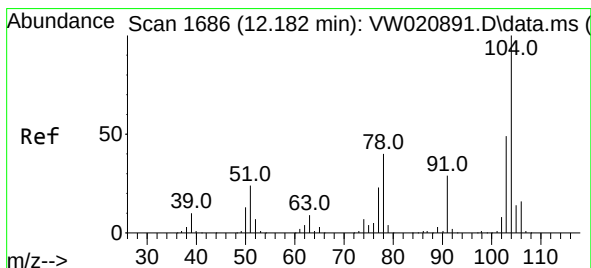
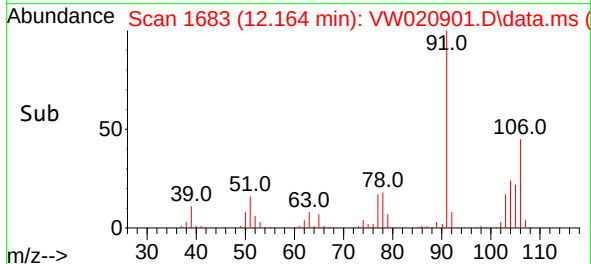
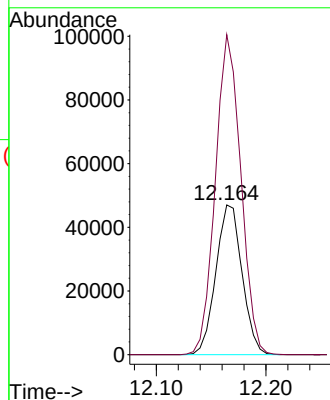
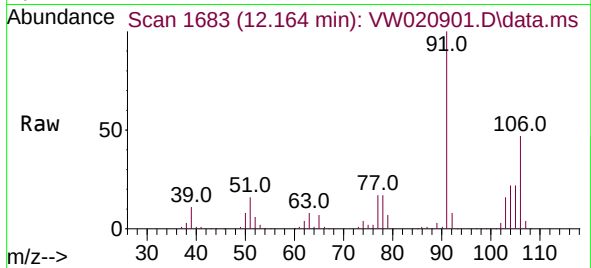




#54
o-Xylene
Concen: 24.071 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

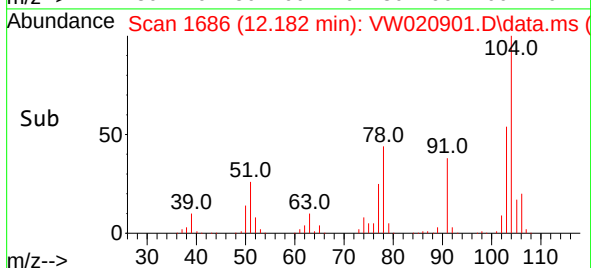
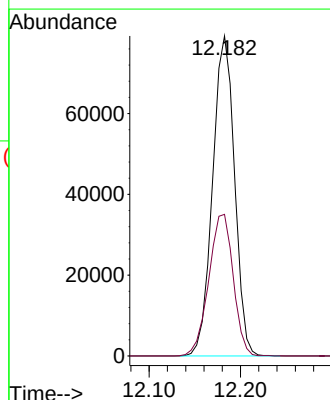
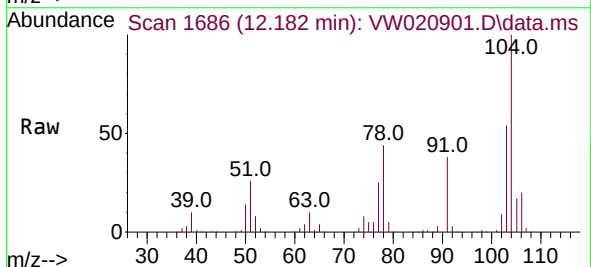
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

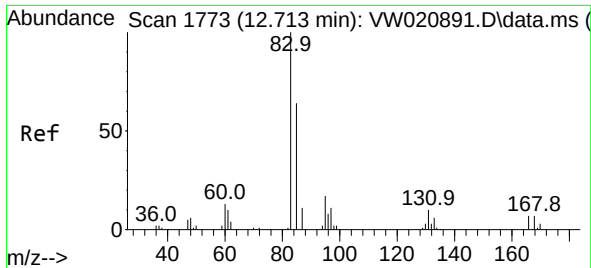
Tgt Ion:106 Resp: 78125
Ion Ratio Lower Upper
106 100
91 213.6 153.6 285.3



#55
Styrene
Concen: 24.497 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion:104 Resp: 132019
Ion Ratio Lower Upper
104 100
78 44.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.524 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

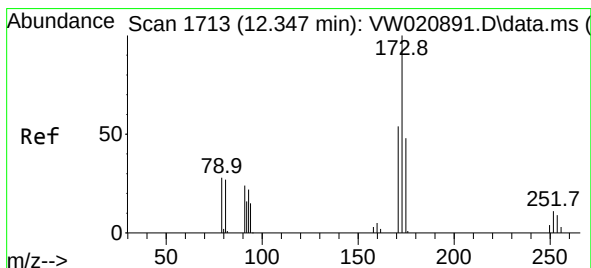
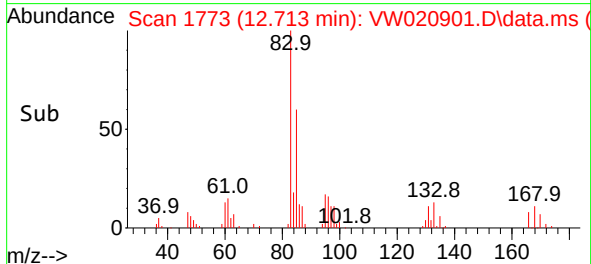
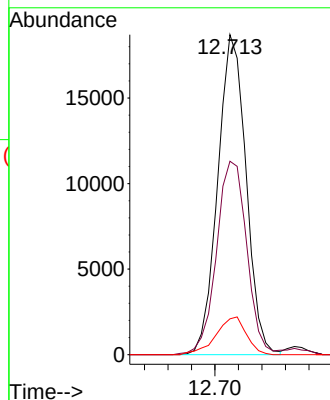
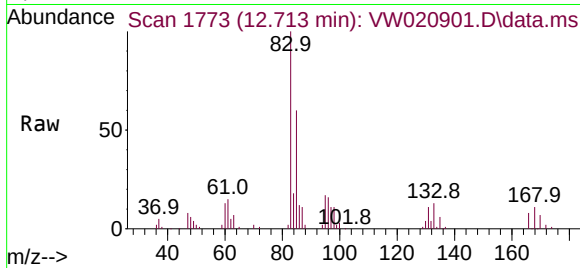
Tgt Ion: 83 Resp: 31341

Ion Ratio Lower Upper

83 100

85 60.4 44.0 81.6

131 11.2 6.9 10.3#



#59

Bromoform

Concen: 23.360 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

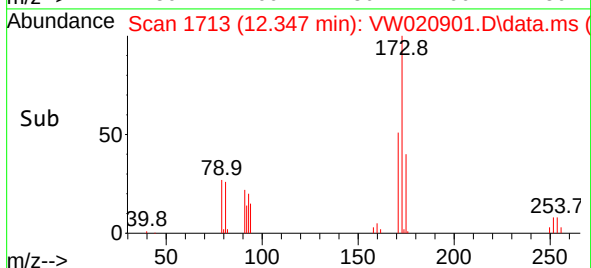
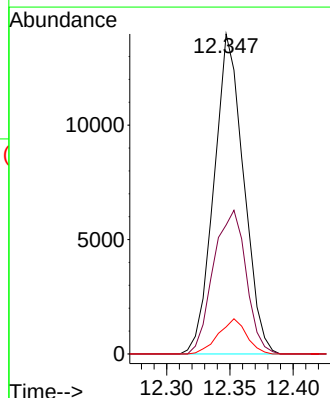
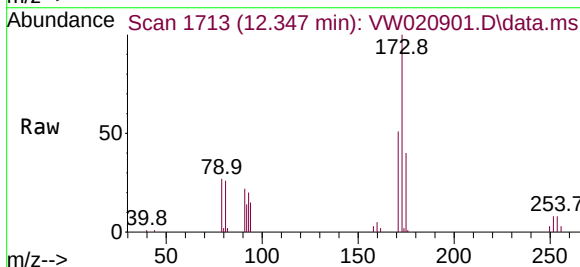
Tgt Ion:173 Resp: 22796

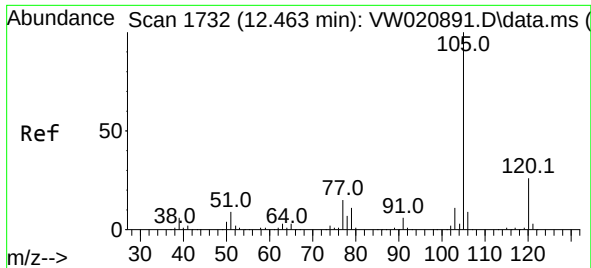
Ion Ratio Lower Upper

173 100

175 49.5 39.6 59.4

254 10.4 7.4 11.0

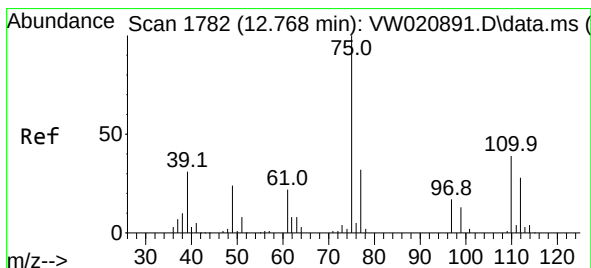
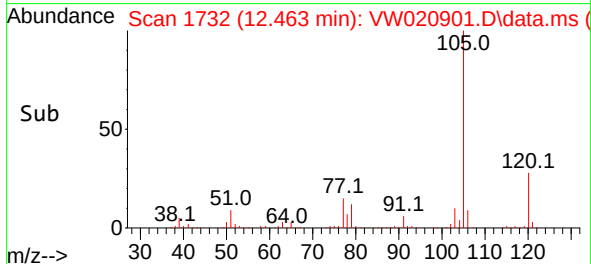
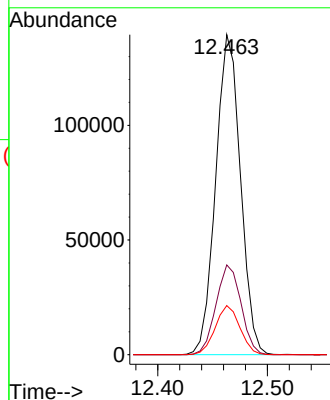
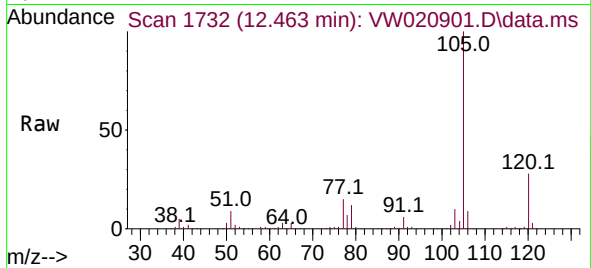




#60
Isopropylbenzene
Concen: 24.557 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

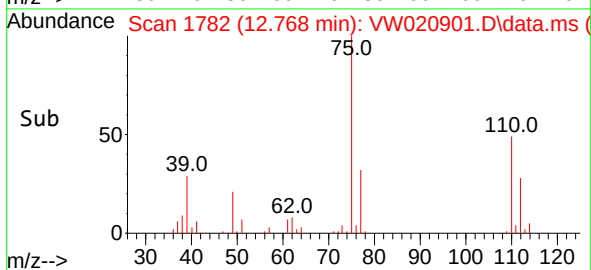
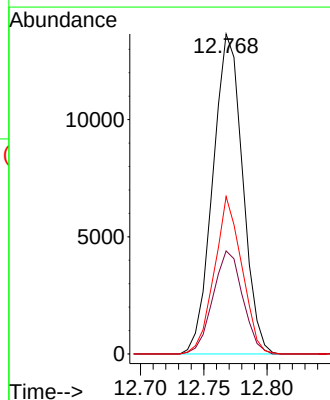
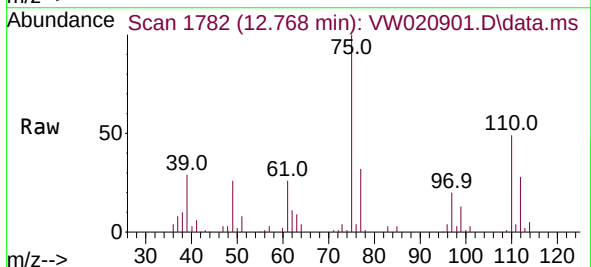
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

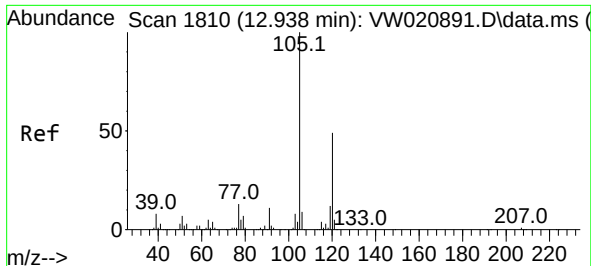
Tgt Ion:105 Resp: 218905
Ion Ratio Lower Upper
105 100
120 28.3 20.1 30.1
77 15.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.278 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion: 75 Resp: 22347
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 45.3 29.0 43.4#

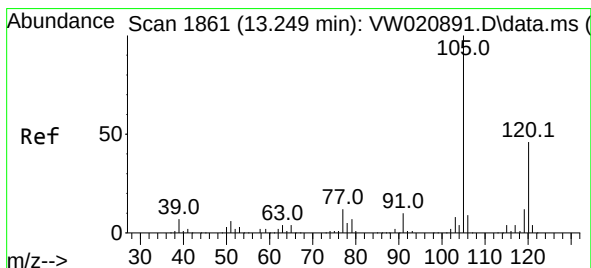
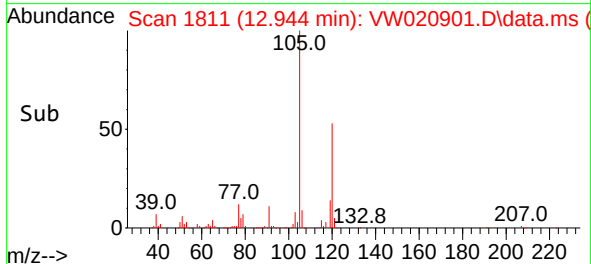
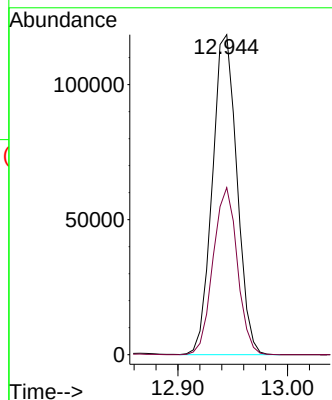
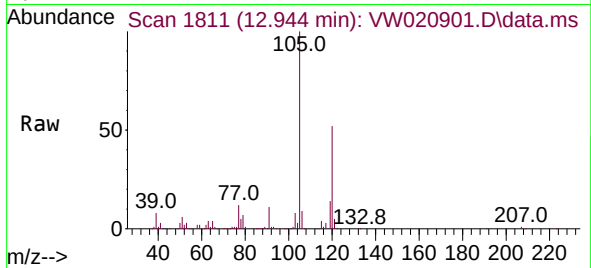




#62
1,3,5-Trimethylbenzene
Concen: 24.575 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

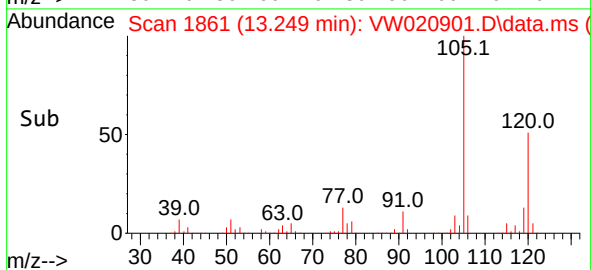
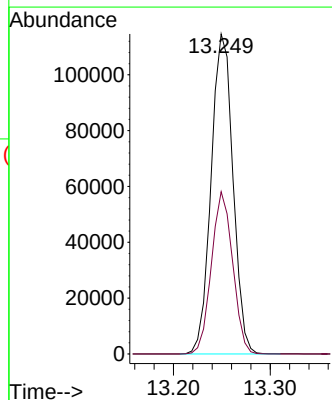
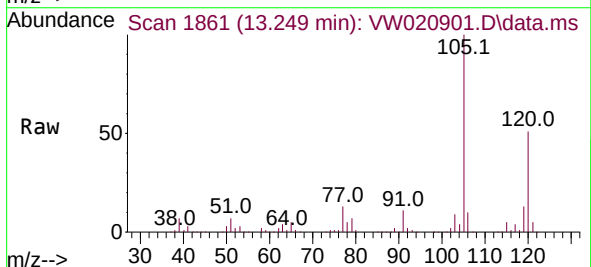
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

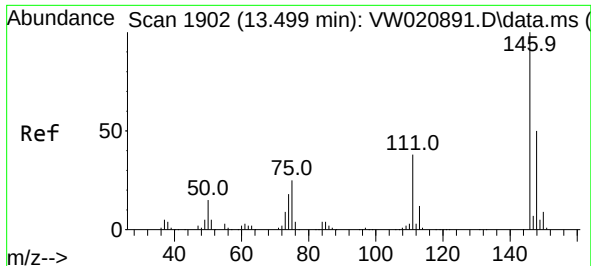
Tgt Ion:105 Resp: 184800
Ion Ratio Lower Upper
105 100
120 51.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 24.244 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion:105 Resp: 179880
Ion Ratio Lower Upper
105 100
120 49.3 35.0 52.6

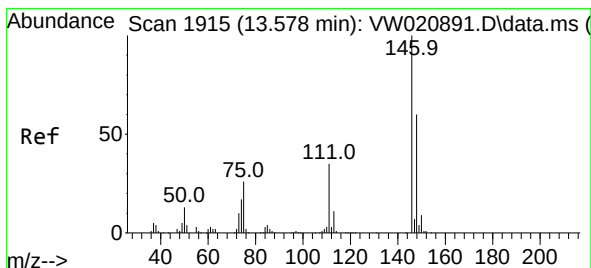
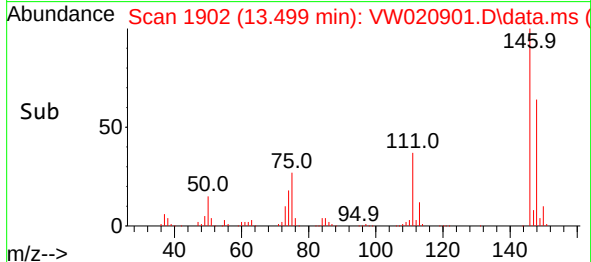
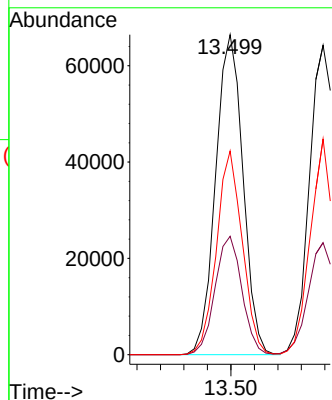
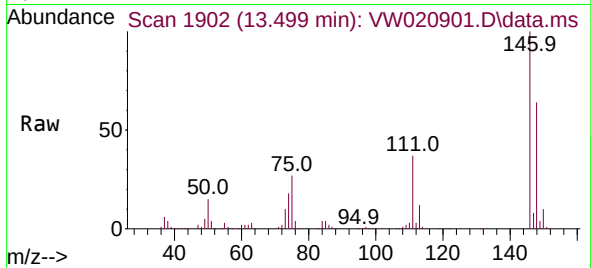




#64
1,3-Dichlorobenzene
Concen: 25.716 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

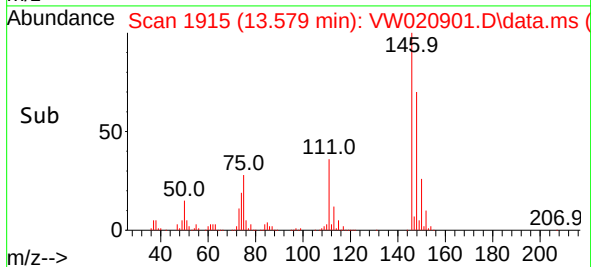
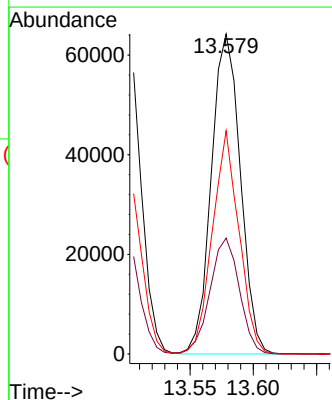
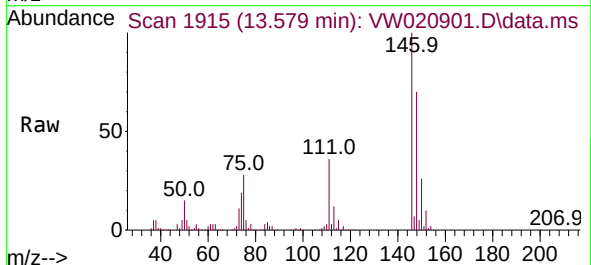
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

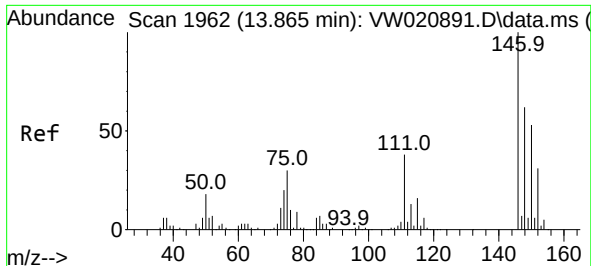
Tgt Ion:146 Resp: 107477
Ion Ratio Lower Upper
146 100
111 37.0 29.8 55.3
148 63.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.326 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020901.D
Acq: 16 Nov 2021 08:29

Tgt Ion:146 Resp: 102554
Ion Ratio Lower Upper
146 100
111 36.2 29.0 53.9
148 69.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.100 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

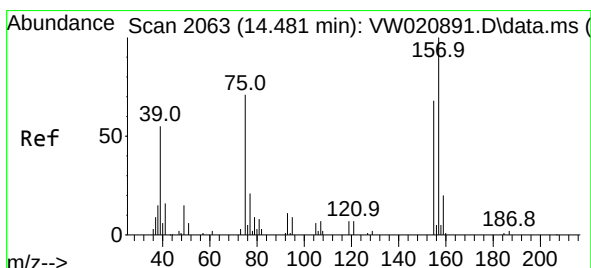
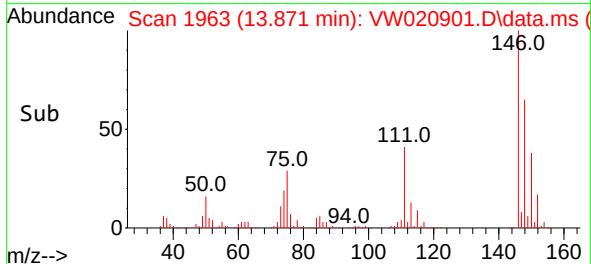
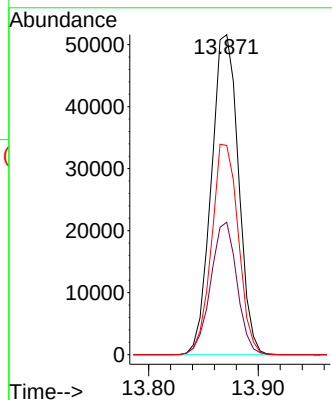
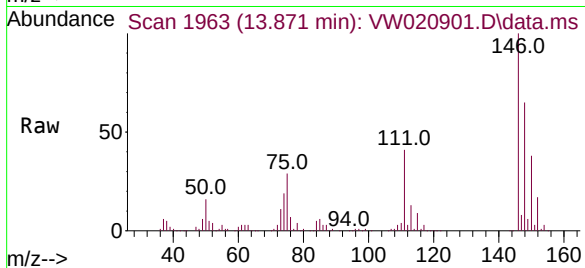
Tgt Ion:146 Resp: 88756

Ion Ratio Lower Upper

146 100

111 41.4 33.1 49.7

148 65.4 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.391 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

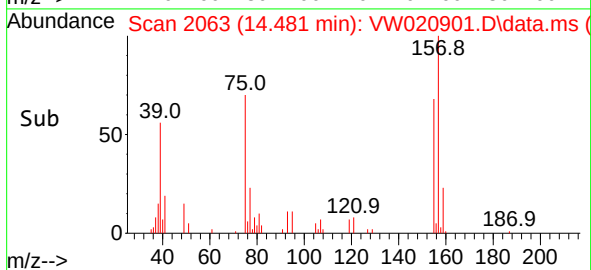
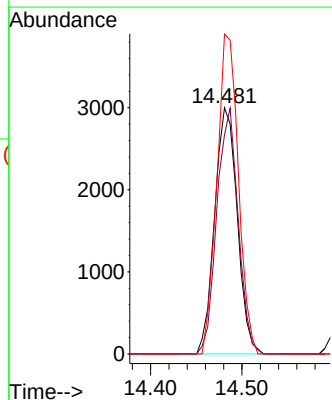
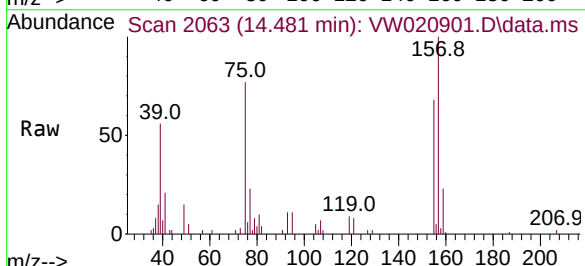
Tgt Ion: 75 Resp: 5139

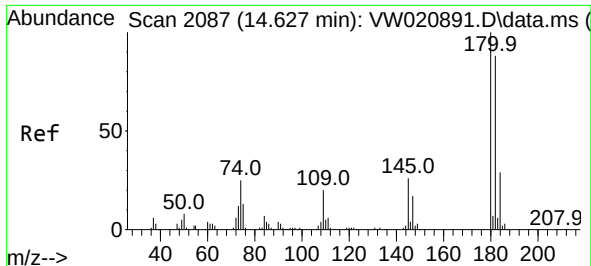
Ion Ratio Lower Upper

75 100

155 89.0 54.2 81.2#

157 129.9 69.4 104.2#

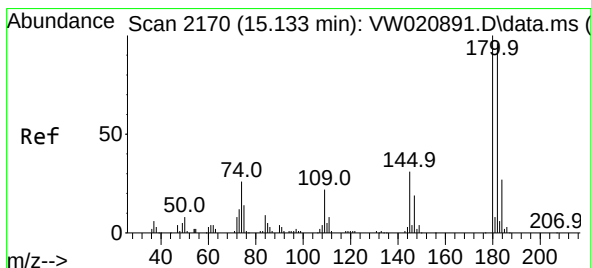
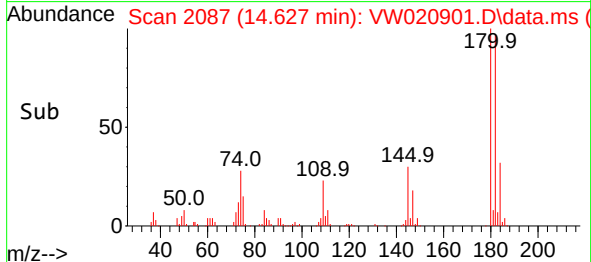
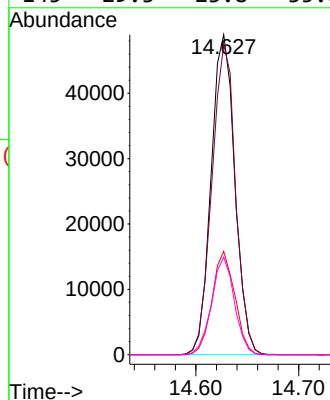
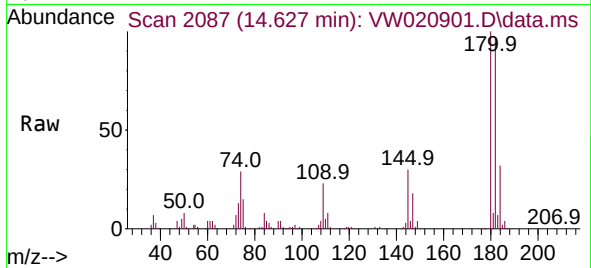




#69
 1,3,5-Trichlorobenzene
 Concen: 23.676 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

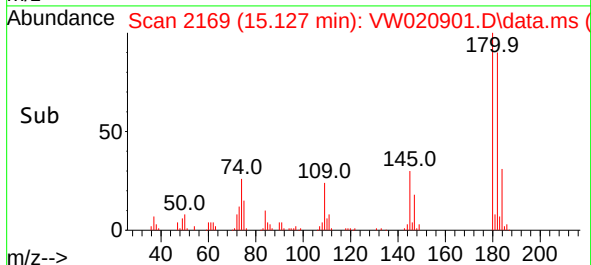
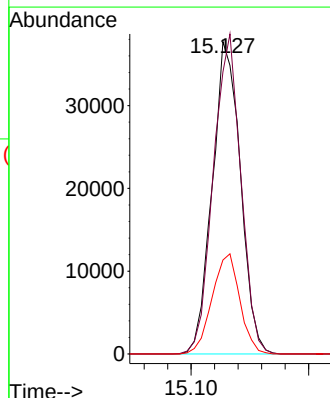
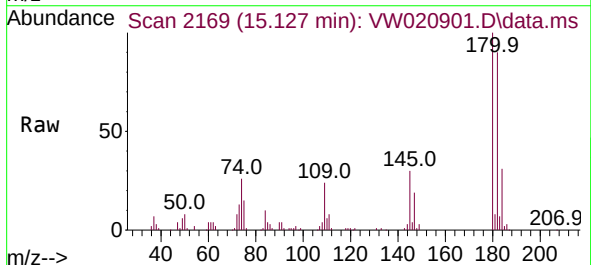
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

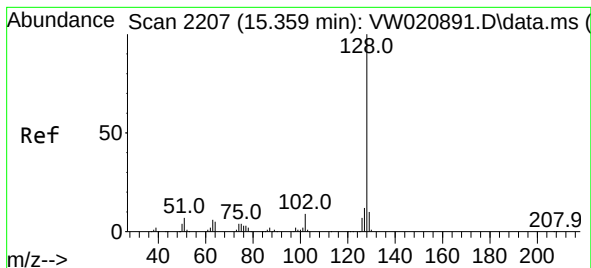
Tgt Ion:180 Resp: 78372
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.4 113.0
 184 31.0 23.8 35.8
 145 29.3 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 23.209 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW020901.D
 Acq: 16 Nov 2021 08:29

Tgt Ion:180 Resp: 62853
 Ion Ratio Lower Upper
 180 100
 182 99.8 79.0 118.6
 145 31.5 26.0 39.0





#71

Naphthalene

Concen: 22.377 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

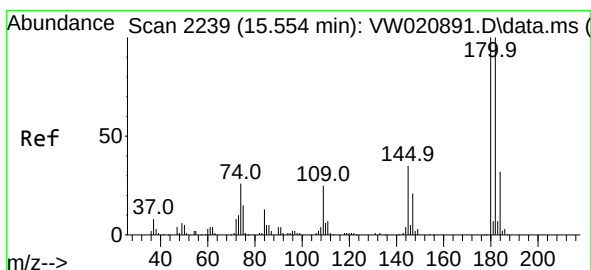
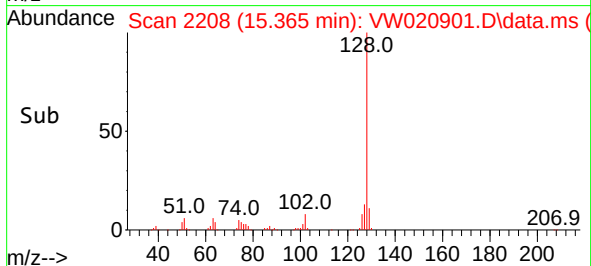
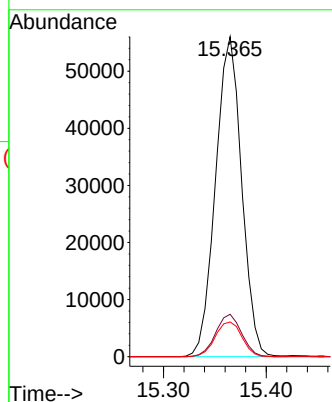
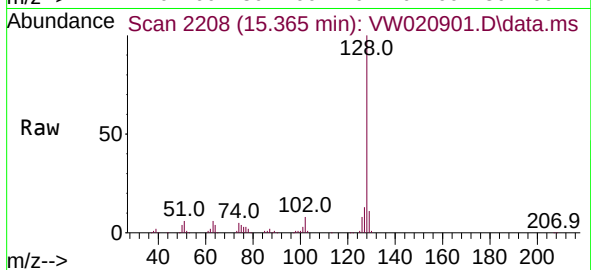
Tgt Ion:128 Resp: 98742

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.478 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020901.D

Acq: 16 Nov 2021 08:29

Tgt Ion:180 Resp: 53652

Ion Ratio Lower Upper

180 100

182 90.0 76.6 114.8

145 30.5 27.4 41.0

