

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040422\
 Data File : VW022392.D
 Acq On : 04 Apr 2022 17:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Quant Time: Apr 05 01:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 05 01:44:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	221517	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	221311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127837	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	81421	22.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.720%
7) Chloroethane-d5	2.885	69	60151	27.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	4.025	63	109362	20.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.200%
21) 2-Butanone-d5	7.074	46	35628	40.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.320%
24) Chloroform-d	7.647	84	133943	21.686	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.760%
26) 1,2-Dichloroethane-d4	8.305	65	79937	21.887	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.560%
32) Benzene-d6	8.275	84	265058	21.810	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.240%
36) 1,2-Dichloropropane-d6	9.274	67	78076	21.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	10.323	98	268626	23.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	10.579	79	39596	21.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.320%
47) 2-Hexanone-d5	10.920	63	32227	43.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	76187	24.752	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	13.847	152	93192	22.582	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	15170	13.012	ug/L	94
3) Chloromethane	2.221	50	49691	18.451	ug/L	100
5) Vinyl chloride	2.361	62	114303	25.979	ug/L	99
6) Bromomethane	2.782	94	64750	28.577	ug/L	90
8) Chloroethane	2.922	64	56790	31.036	ug/L	98
9) Trichlorofluoromethane	3.257	101	35822	27.496	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	65956	22.151	ug/L	96
12) 1,1-Dichloroethene	4.037	96	62354	22.343	ug/L	79
13) Acetone	4.117	43	26375	43.419	ug/L	91
14) Carbon disulfide	4.391	76	196461	22.314	ug/L	98
16) Methylene chloride	4.921	84	73501	22.159	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	74062	22.406	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	123689	21.469	ug/L	# 94
19) 1,1-Dichloroethane	6.214	63	128949	21.244	ug/L	98
22) 2-Butanone	7.171	43	42023	43.857	ug/L	92
23) Bromochloromethane	7.519	128	35808	23.189	ug/L	# 70
25) Chloroform	7.677	83	140907	22.741	ug/L	95
27) 1,2-Dichloroethane	8.396	62	106565	22.906	ug/L	# 93
29) Cyclohexane	7.957	56	130532	21.665	ug/L	93

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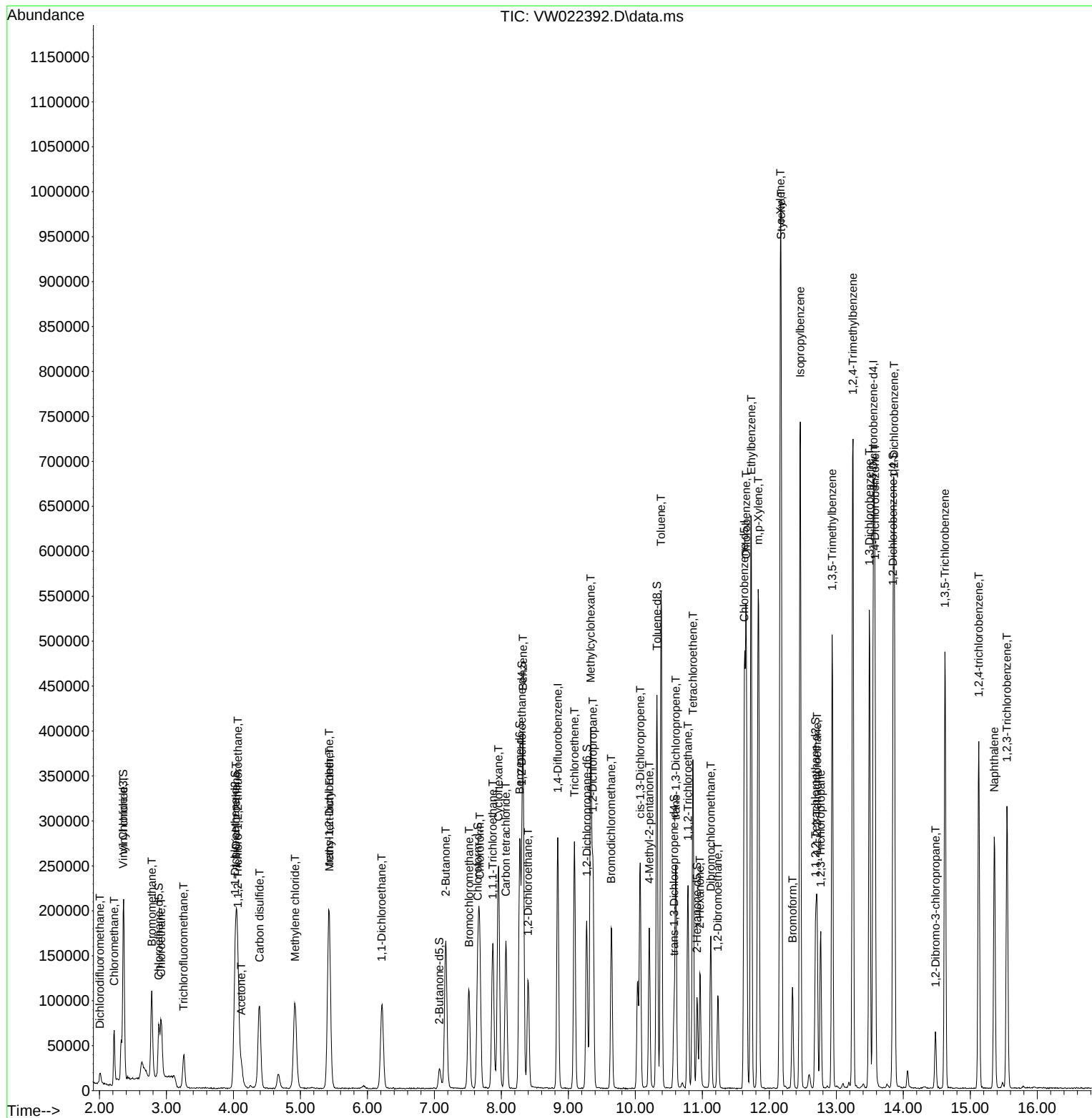
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.872	97	125242	22.955	ug/L	94
31) Carbon tetrachloride	8.067	117	110595	22.504	ug/L	100
33) Benzene	8.323	78	331025	23.301	ug/L	100
34) Trichloroethene	9.091	95	86220	23.365	ug/L	95
35) Methylcyclohexane	9.335	83	152774	23.517	ug/L	92
37) 1,2-Dichloropropane	9.366	63	82481	23.429	ug/L	99
38) Bromodichloromethane	9.640	83	110831	22.573	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	129630	22.520	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	110077	44.465	ug/L #	92
42) Toluene	10.384	91	393554	24.907	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	123946	23.249	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	65145	24.743	ug/L	93
46) Tetrachloroethene	10.859	164	73785	27.884	ug/L	84
48) 2-Hexanone	10.963	43	80699	46.175	ug/L #	95
49) Dibromochloromethane	11.128	129	80658	24.745	ug/L	99
50) 1,2-Dibromoethane	11.231	107	64926	24.281	ug/L	99
51) Chlorobenzene	11.652	112	244951	25.073	ug/L	94
52) Ethylbenzene	11.731	91	445934	25.445	ug/L	98
53) m,p-Xylene	11.835	106	175461	26.230	ug/L	97
54) o-Xylene	12.164	106	164615	25.404	ug/L	81
55) Styrene	12.176	104	282741	25.122	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.713	83	86074	25.528	ug/L #	98
59) Bromoform	12.347	173	45971	24.134	ug/L #	99
60) Isopropylbenzene	12.463	105	464197	24.175	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	62566	22.520	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	257055	24.010	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	383340	23.856	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	190309	25.006	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	190799	23.891	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	173633	24.799	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	13824	19.308	ug/L #	92
69) 1,3,5-Trichlorobenzene	14.621	180	128789	24.985	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	105706	25.013	ug/L	99
71) Naphthalene	15.359	128	232813	23.763	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	91446	24.705	ug/L	96

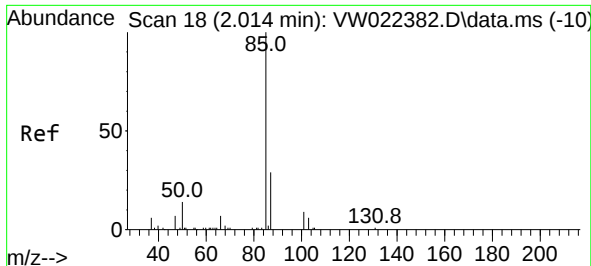
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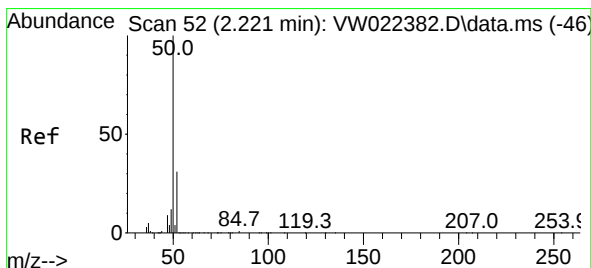
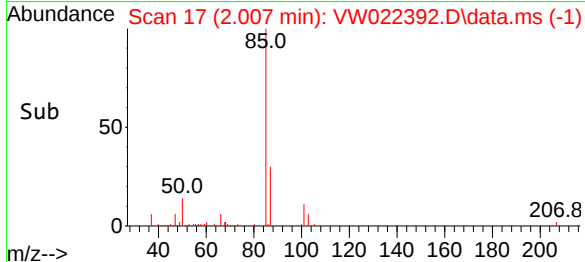
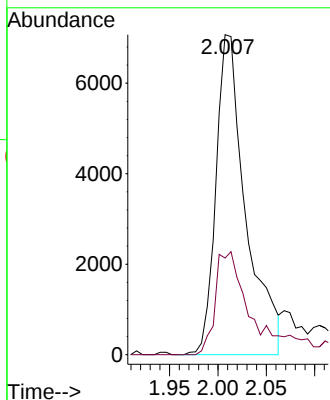
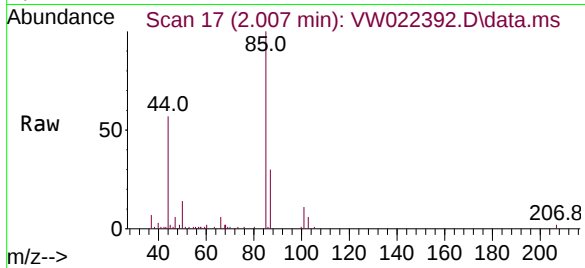




#2
Dichlorodifluoromethane
Concen: 13.012 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

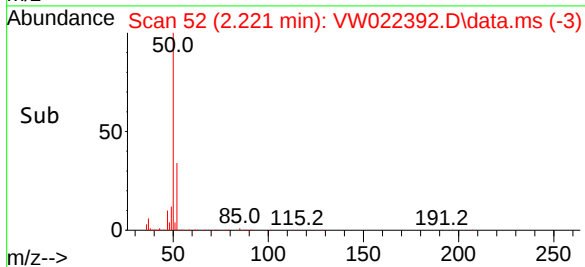
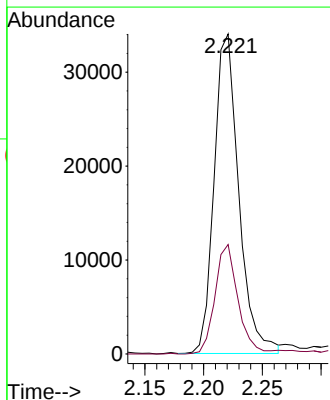
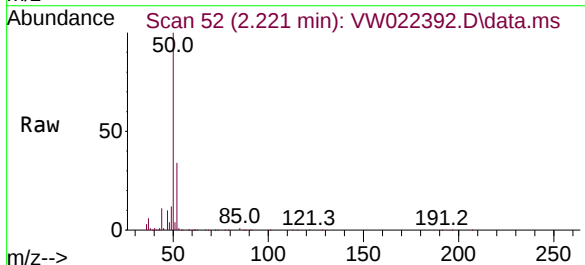
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ClientSampleId :
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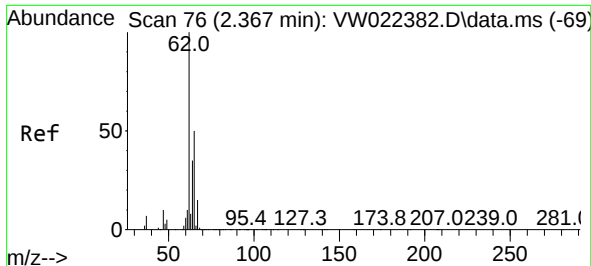
Tgt Ion: 85 Resp: 15170
Ion Ratio Lower Upper
85 100
87 31.1 27.6 41.4



#3
Chloromethane
Concen: 18.451 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 50 Resp: 49691
Ion Ratio Lower Upper
50 100
52 34.2 23.9 44.5

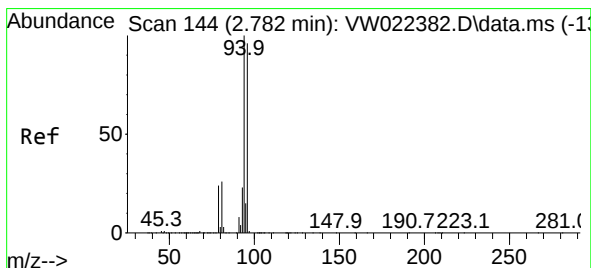
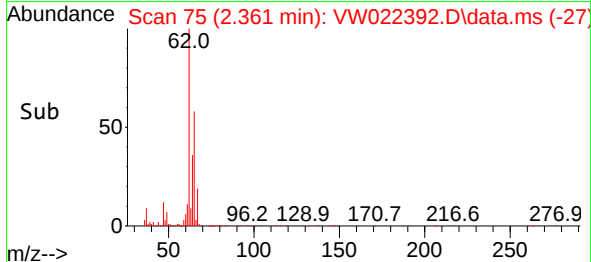
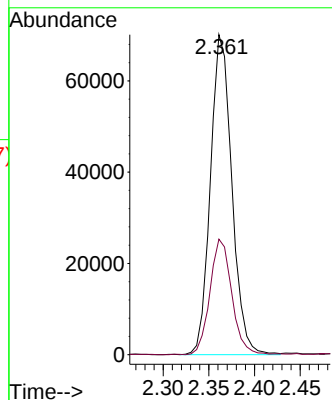
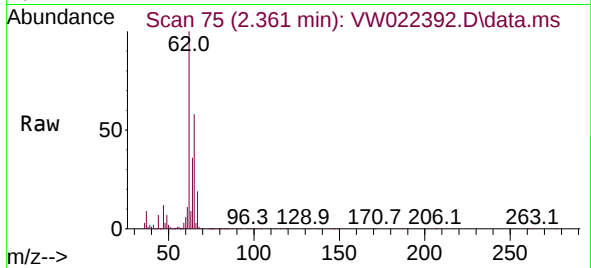




#5
 Vinyl chloride
 Concen: 25.979 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

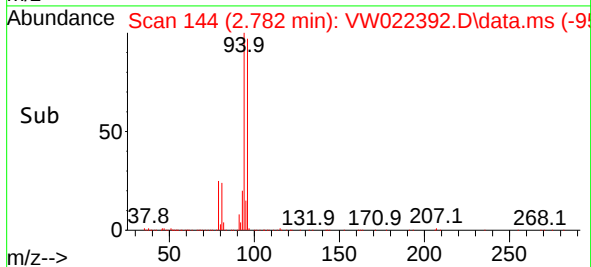
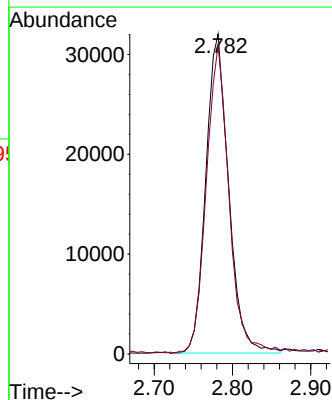
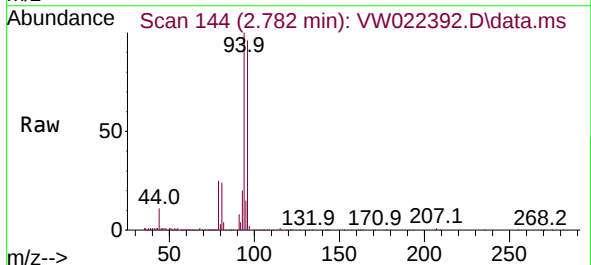
Instrument :
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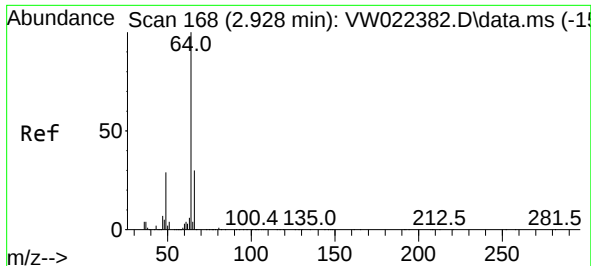
Tgt Ion: 62 Resp: 114303
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.7 45.9



#6
 Bromomethane
 Concen: 28.577 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

Tgt Ion: 94 Resp: 64750
 Ion Ratio Lower Upper
 94 100
 96 96.5 61.2 113.8

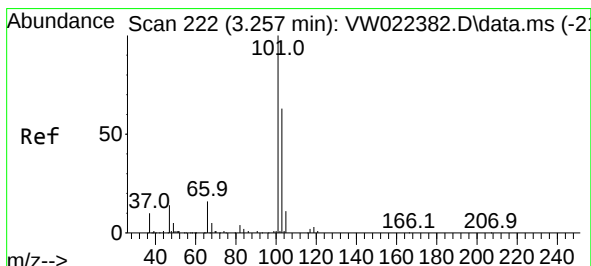
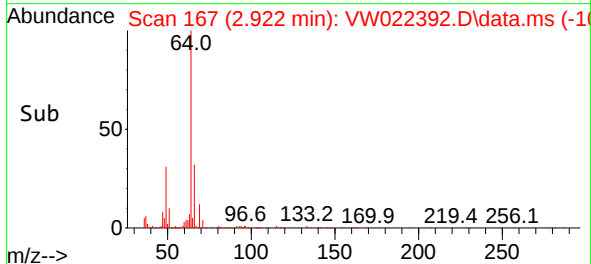
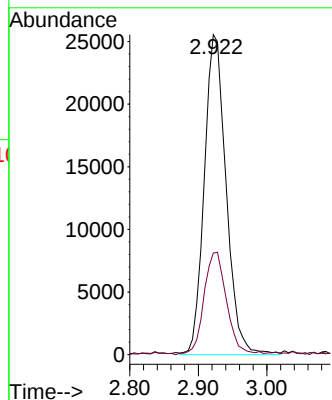
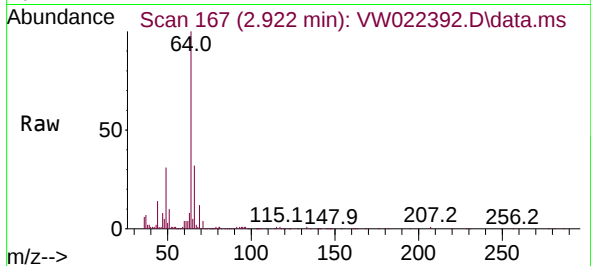




#8
Chloroethane
Concen: 31.036 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

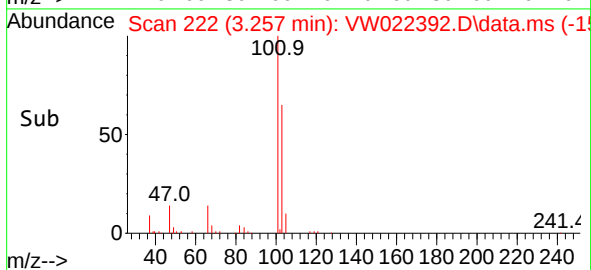
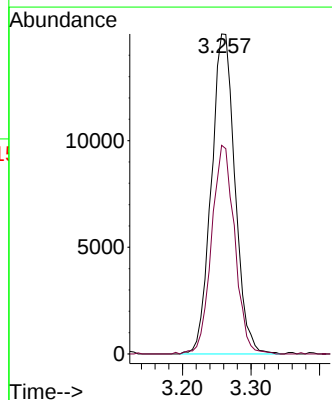
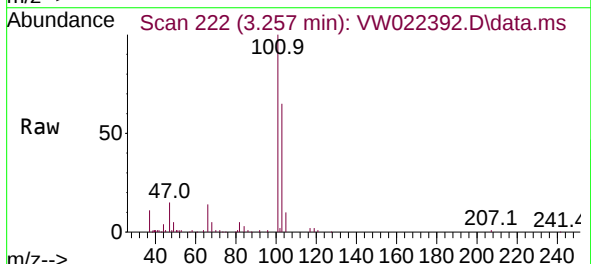
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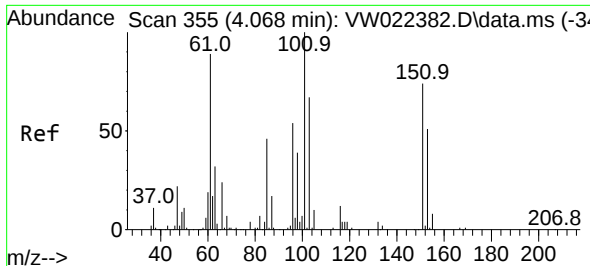
Tgt Ion: 64 Resp: 56790
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 27.496 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 101 Resp: 35822
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

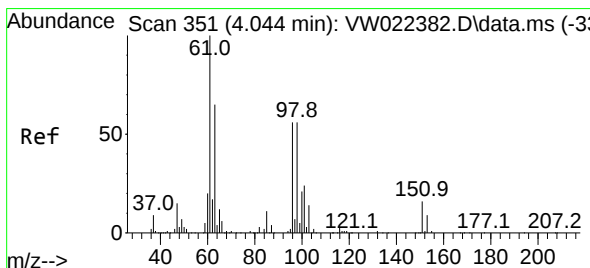
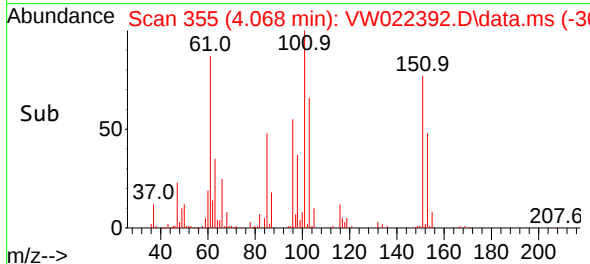
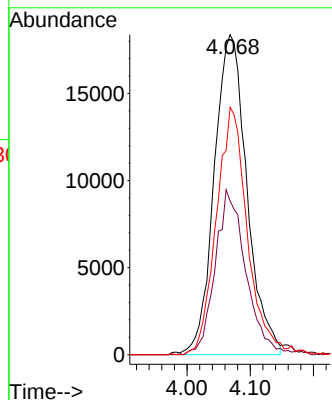
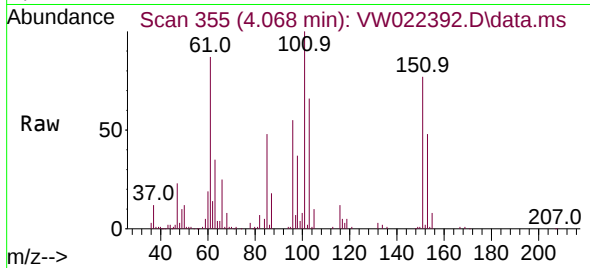




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.151 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

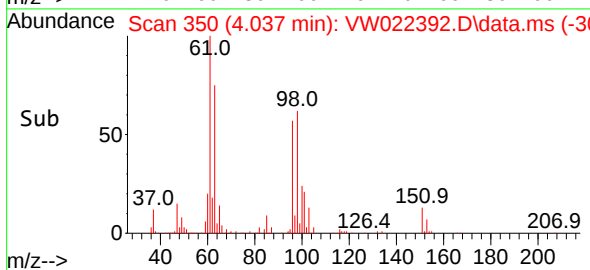
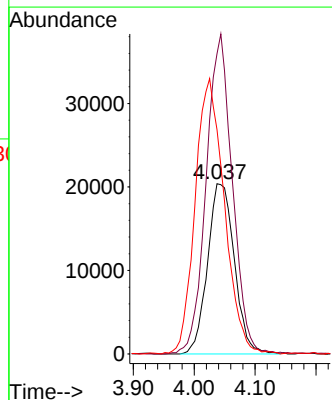
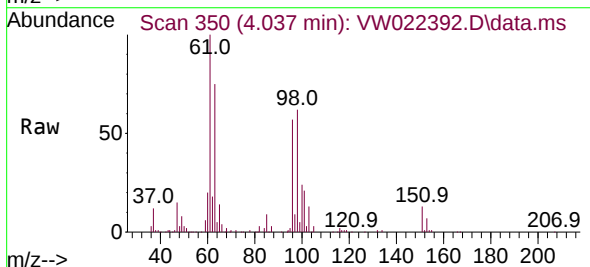
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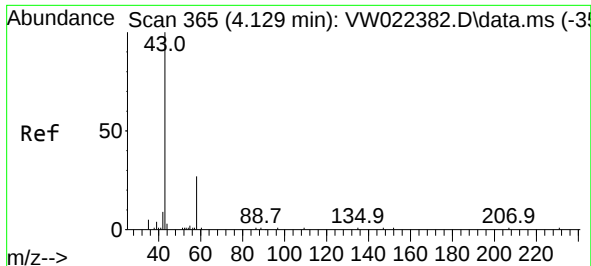
Tgt Ion:101 Resp: 65956
 Ion Ratio Lower Upper
 101 100
 85 48.2 34.4 51.6
 151 72.9 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 22.343 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

Tgt Ion: 96 Resp: 62354
 Ion Ratio Lower Upper
 96 100
 61 176.4 108.4 201.2
 63 131.8 72.0 133.6

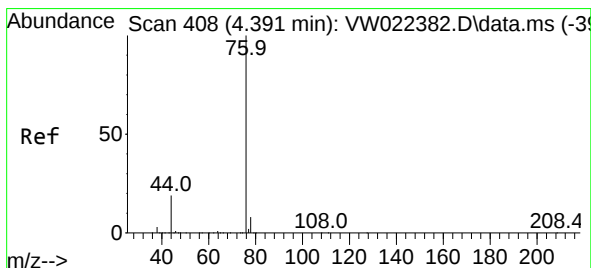
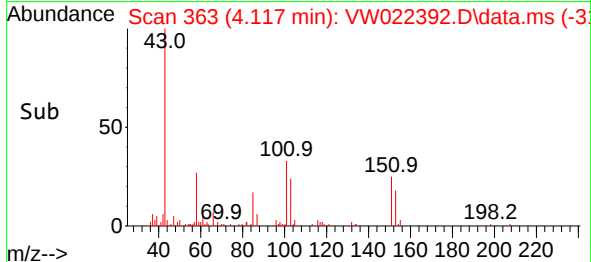
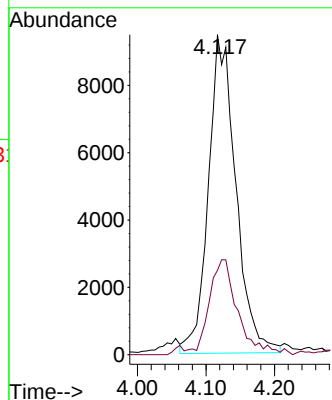
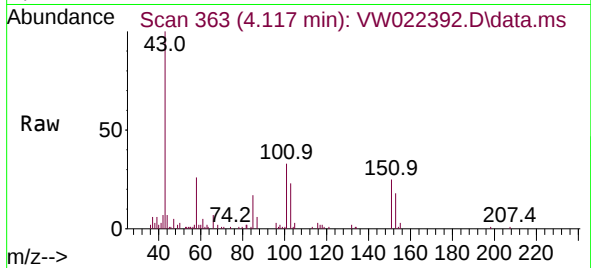




#13
Acetone
Concen: 43.419 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW022392.D
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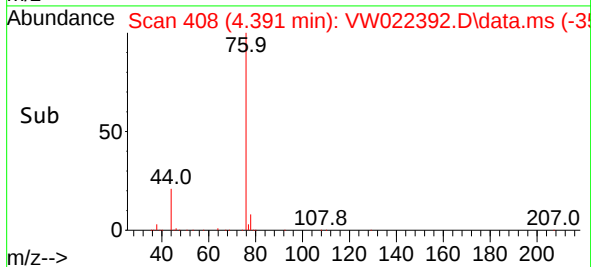
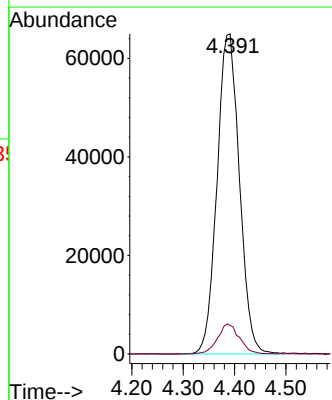
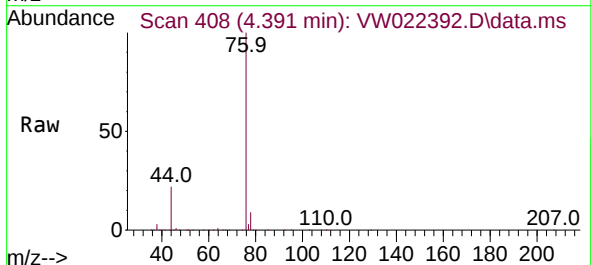
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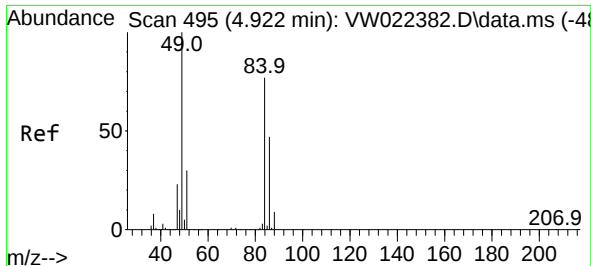
Tgt Ion: 43 Resp: 26375
Ion Ratio Lower Upper
43 100
58 29.2 0.0 69.2



#14
Carbon disulfide
Concen: 22.314 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 196461
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

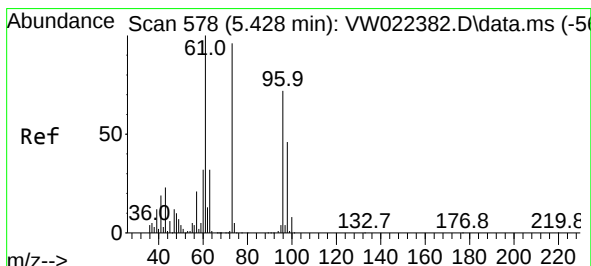
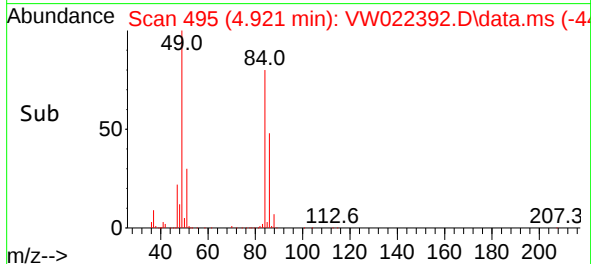
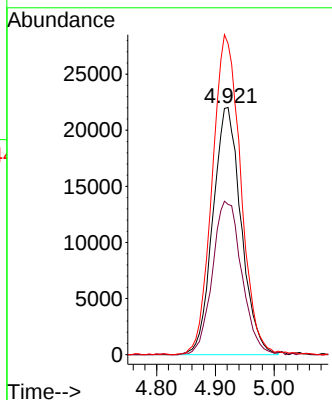
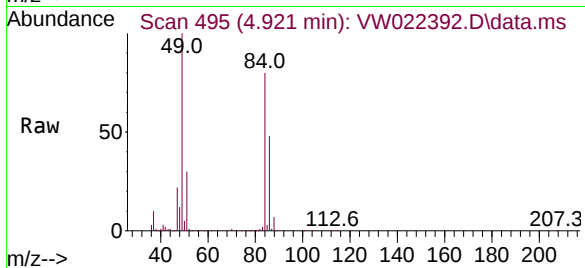




#16
Methylene chloride
Concen: 22.159 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

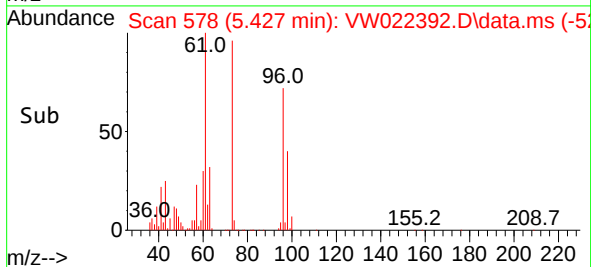
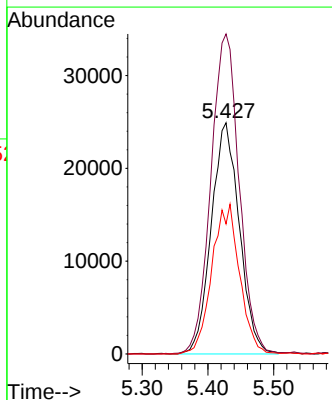
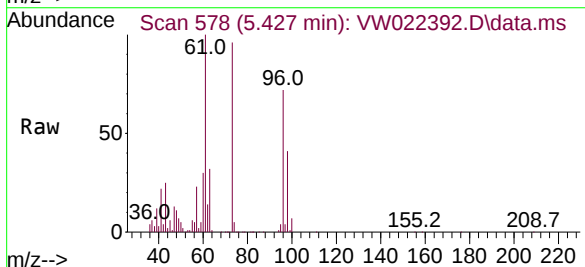
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

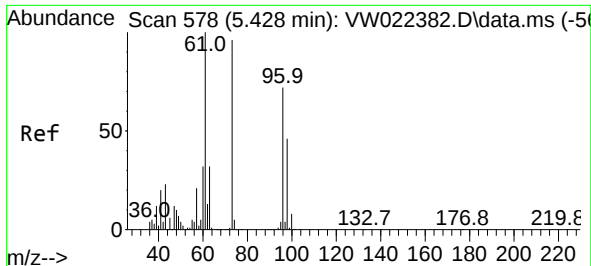
Tgt Ion: 84 Resp: 73501
Ion Ratio Lower Upper
84 100
86 60.8 45.8 85.0
49 125.7 73.8 137.0



#17
trans-1,2-Dichloroethene
Concen: 22.406 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 96 Resp: 74062
Ion Ratio Lower Upper
96 100
61 138.4 87.3 162.1
98 56.3 43.2 80.2

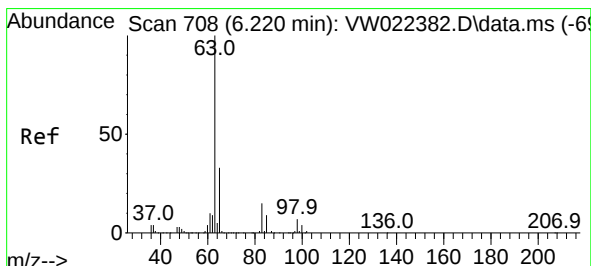
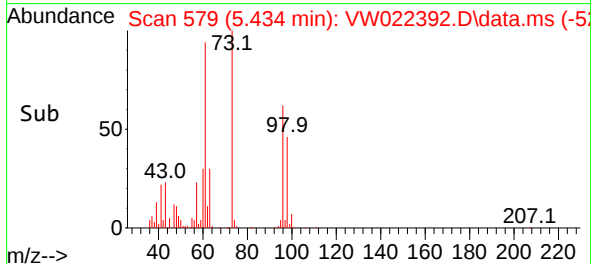
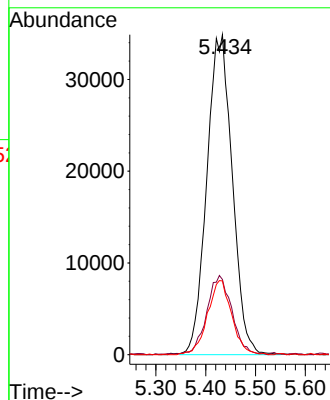
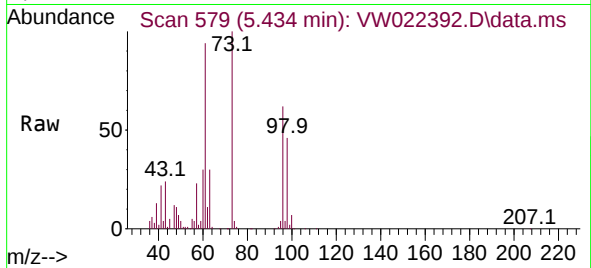




#18
Methyl tert-butyl Ether
Concen: 21.469 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

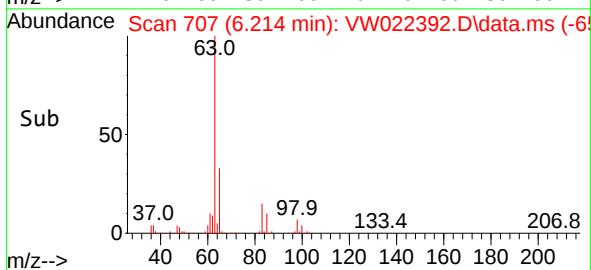
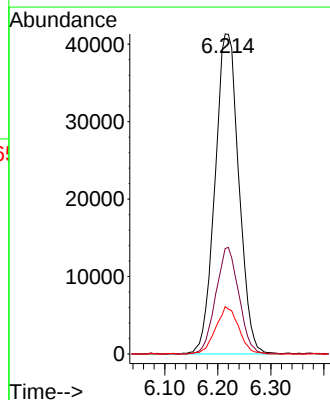
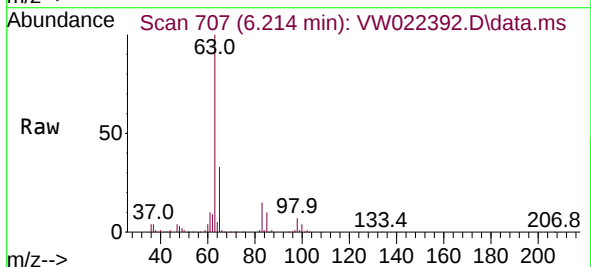
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

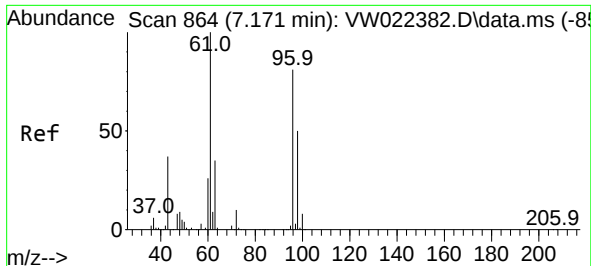
Tgt Ion: 73 Resp: 123689
Ion Ratio Lower Upper
73 100
43 23.5 15.4 23.2#
57 22.0 16.5 24.7



#19
1,1-Dichloroethane
Concen: 21.244 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 63 Resp: 128949
Ion Ratio Lower Upper
63 100
65 33.0 22.5 41.9
83 14.8 11.5 21.5

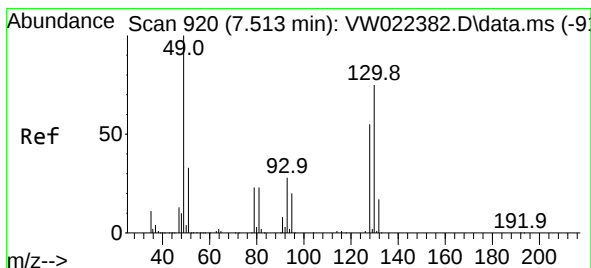
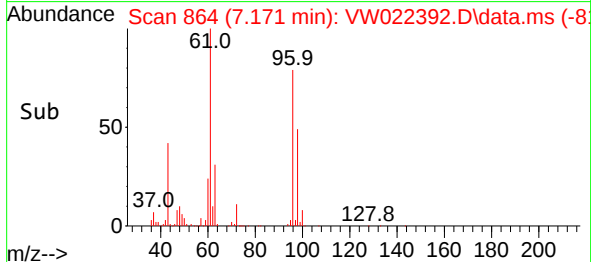
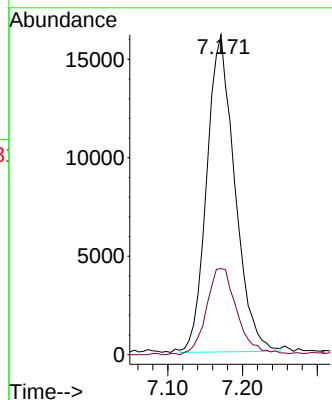
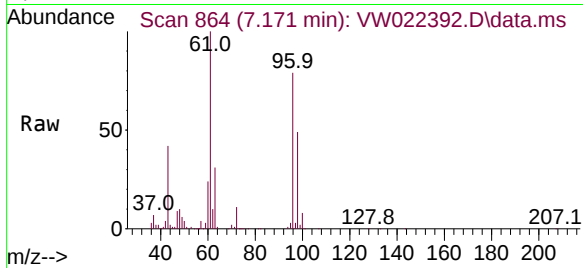




#22
2-Butanone
Concen: 43.857 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

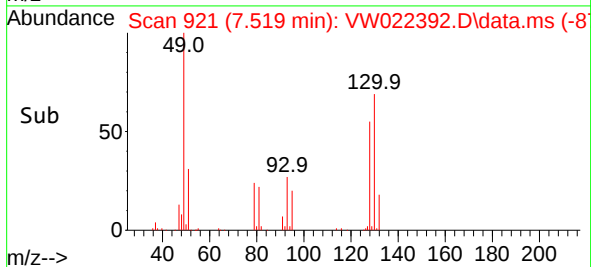
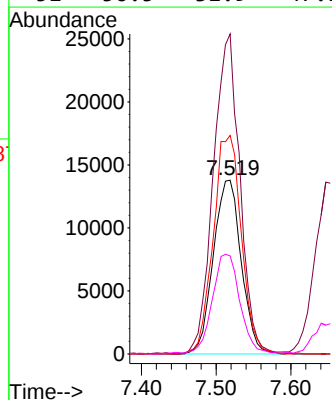
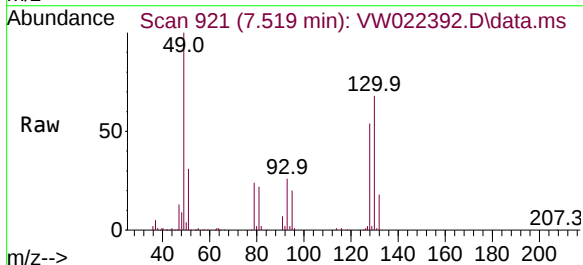
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

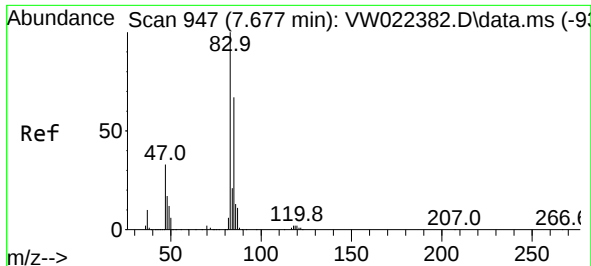
Tgt Ion: 43 Resp: 42023
Ion Ratio Lower Upper
43 100
72 29.7 17.0 51.0



#23
Bromochloromethane
Concen: 23.189 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion:128 Resp: 35808
Ion Ratio Lower Upper
128 100
49 184.1 84.2 156.4#
130 125.8 84.8 157.4
51 56.5 31.9 47.9#





#25

Chloroform

Concen: 22.741 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

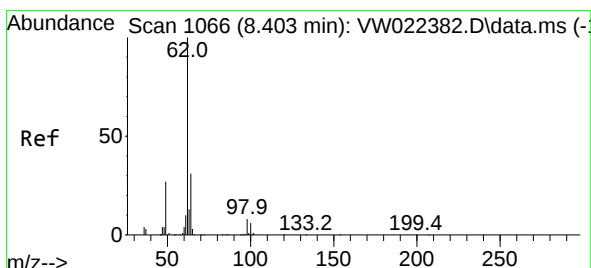
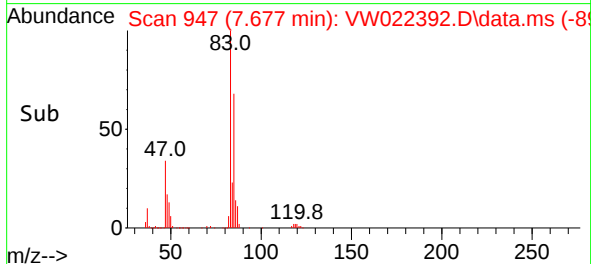
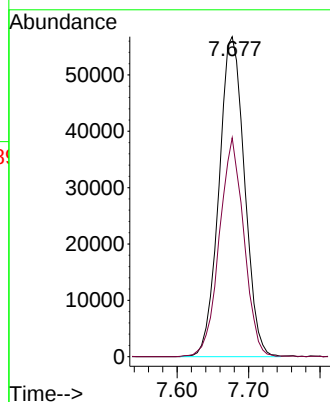
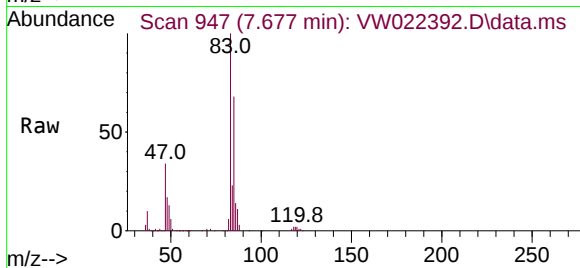
VSTD025592

Tgt Ion: 83 Resp: 140907

Ion Ratio Lower Upper

83 100

85 68.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 22.906 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW022392.D

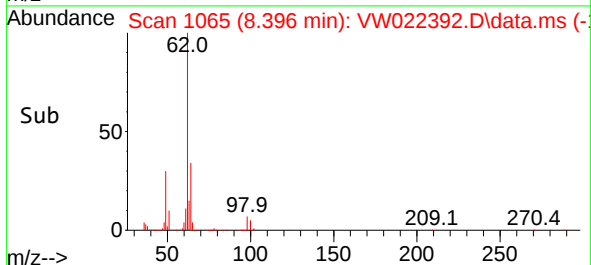
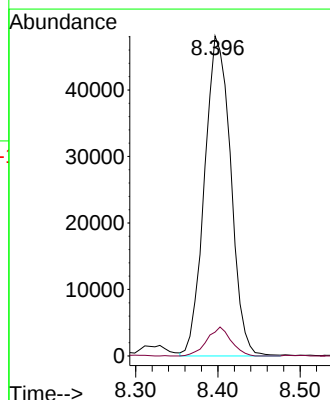
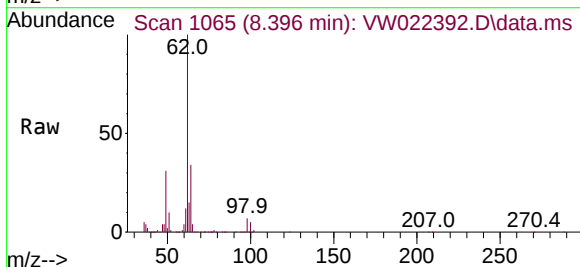
Acq: 04 Apr 2022 17:29

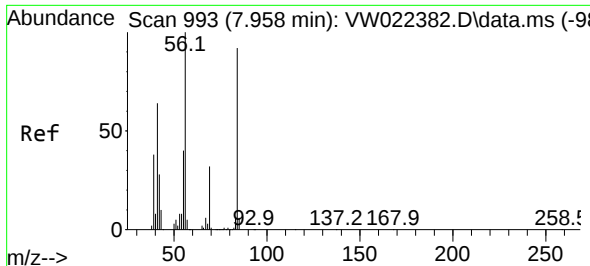
Tgt Ion: 62 Resp: 106565

Ion Ratio Lower Upper

62 100

98 7.5 7.9 11.9#





#29

Cyclohexane

Concen: 21.665 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

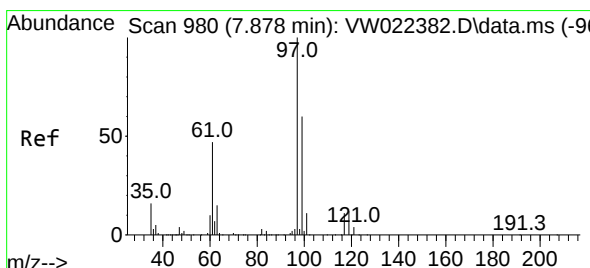
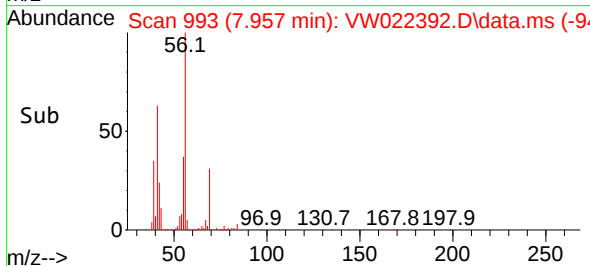
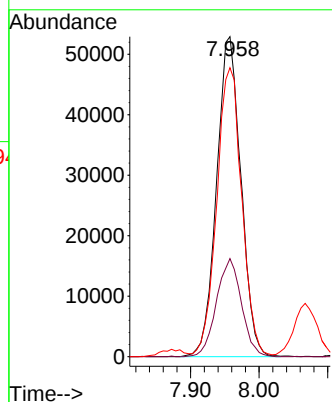
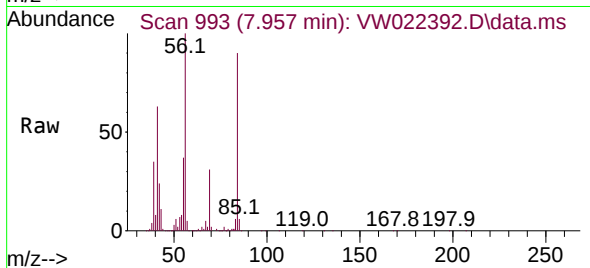
Tgt Ion: 56 Resp: 130532

Ion Ratio Lower Upper

56 100

69 31.4 26.3 39.5

84 92.9 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 22.955 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

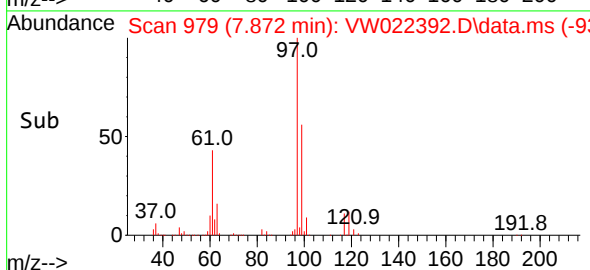
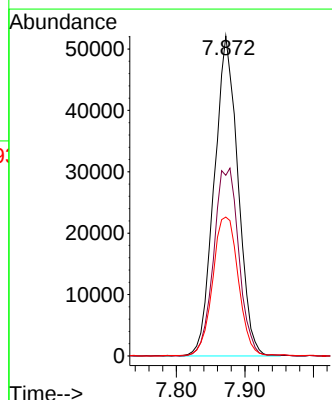
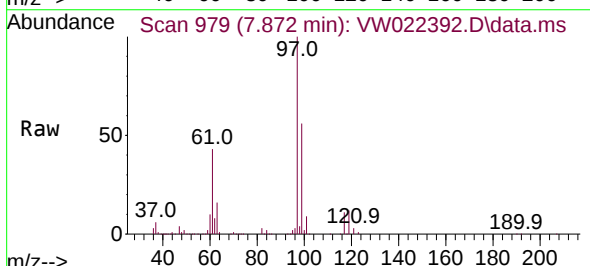
Tgt Ion: 97 Resp: 125242

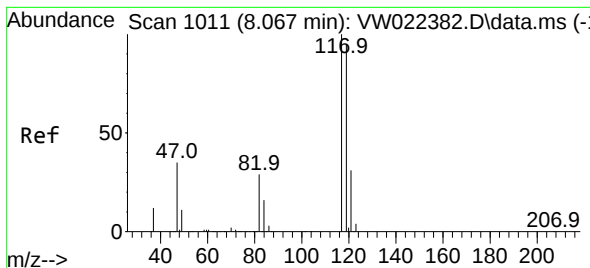
Ion Ratio Lower Upper

97 100

99 62.1 52.6 78.8

61 47.0 33.0 49.6

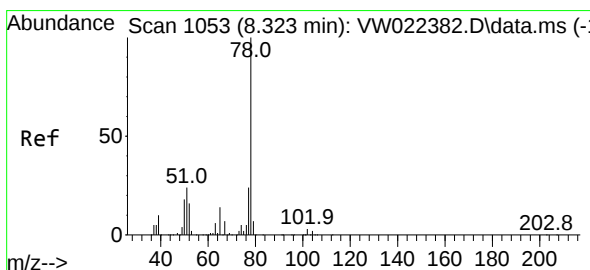
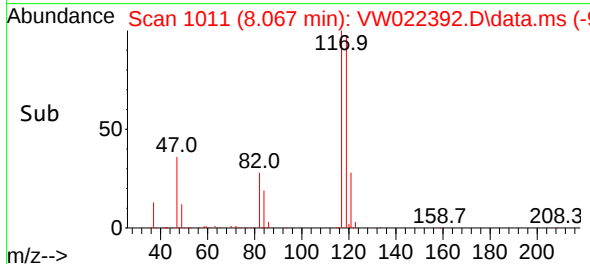
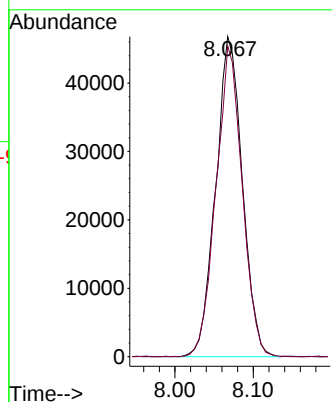
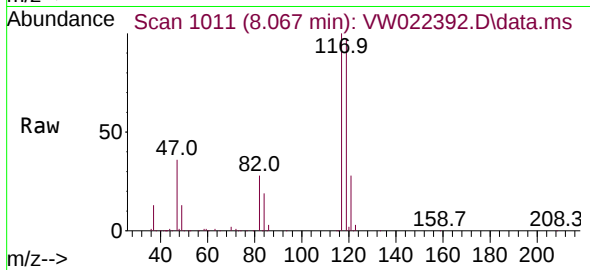




#31
Carbon tetrachloride
Concen: 22.504 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

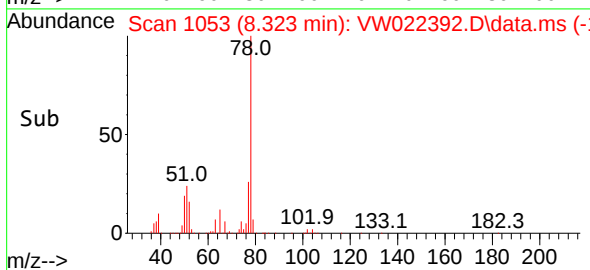
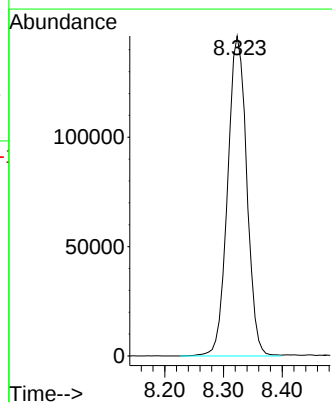
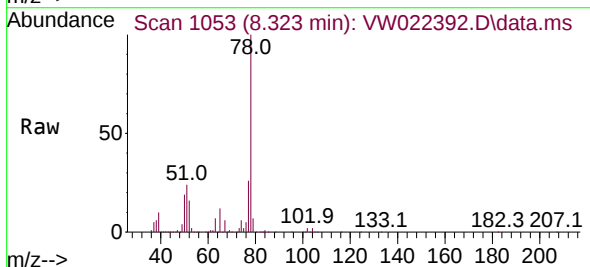
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

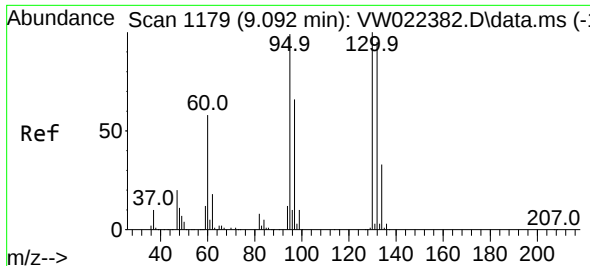
Tgt Ion:117 Resp: 110595
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1



#33
Benzene
Concen: 23.301 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 78 Resp: 331025





#34

Trichloroethene

Concen: 23.365 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

Tgt Ion: 95 Resp: 86220

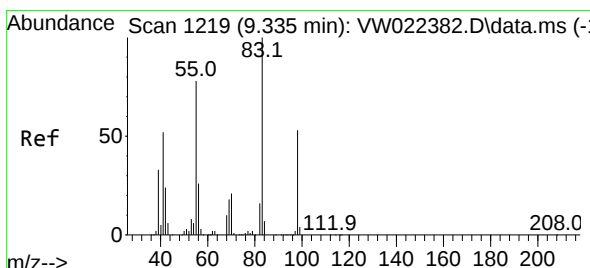
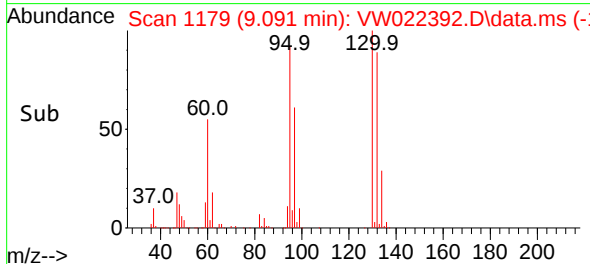
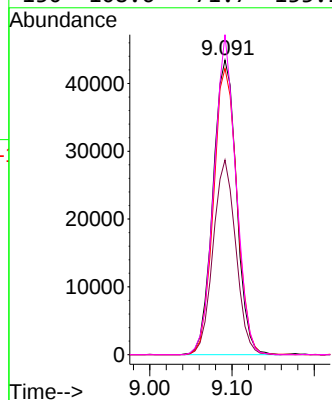
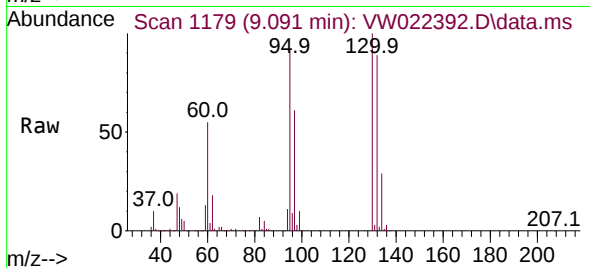
Ion Ratio Lower Upper

95 100

97 66.1 44.4 82.4

132 97.2 71.7 133.1

130 108.6 71.7 133.1



#35

Methylcyclohexane

Concen: 23.517 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

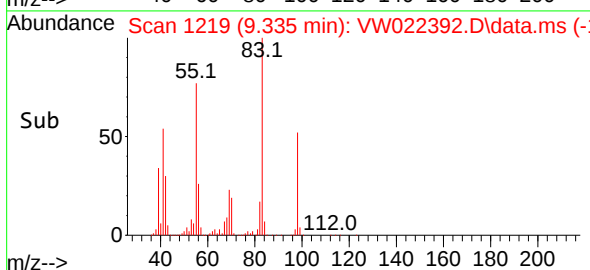
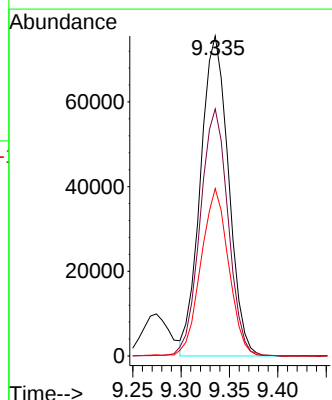
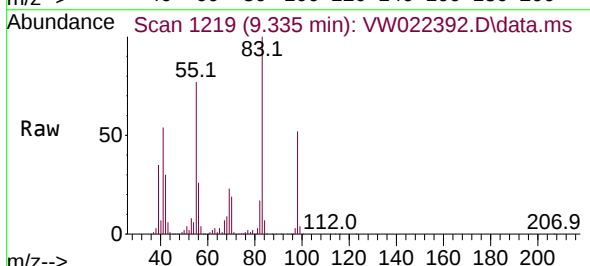
Tgt Ion: 83 Resp: 152774

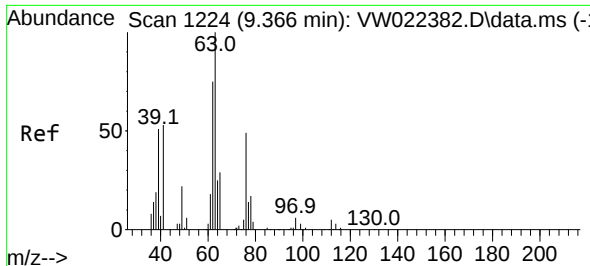
Ion Ratio Lower Upper

83 100

55 76.8 53.8 80.8

98 51.2 42.1 63.1





#37

1,2-Dichloropropane

Concen: 23.429 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

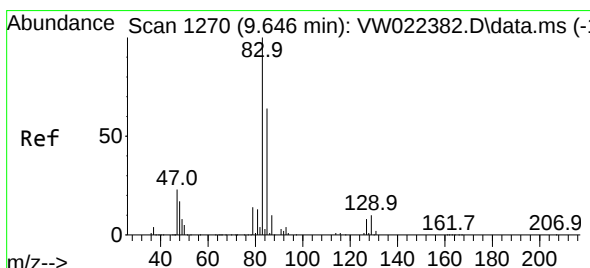
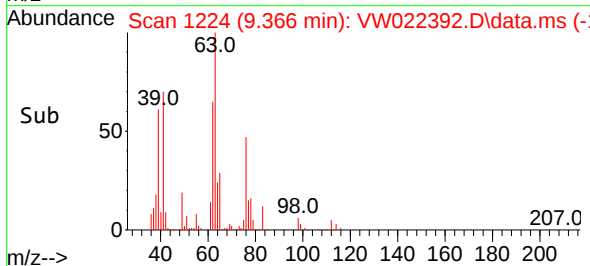
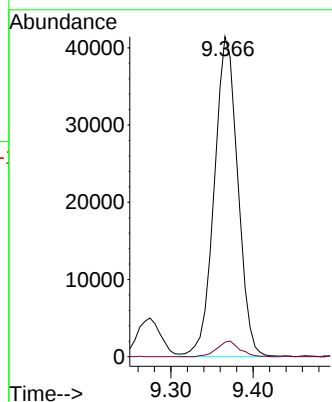
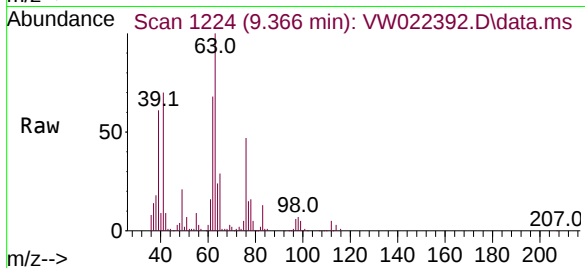
VSTD025592

Tgt Ion: 63 Resp: 82481

Ion Ratio Lower Upper

63 100

112 4.6 4.1 6.1



#38

Bromodichloromethane

Concen: 22.573 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

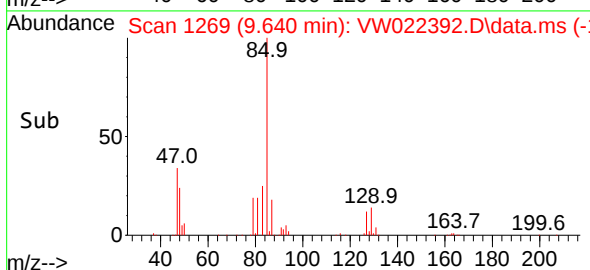
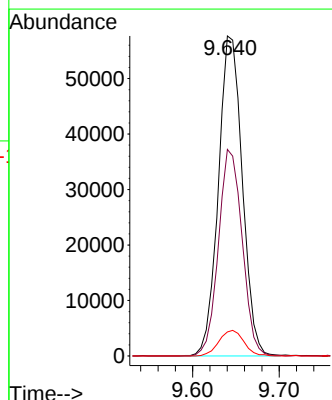
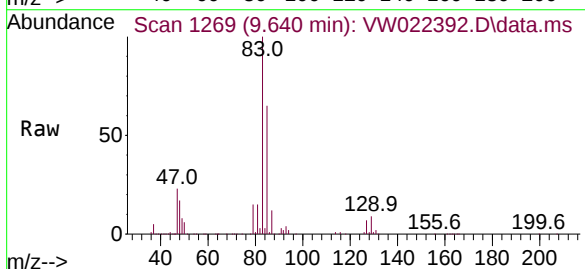
Tgt Ion: 83 Resp: 110831

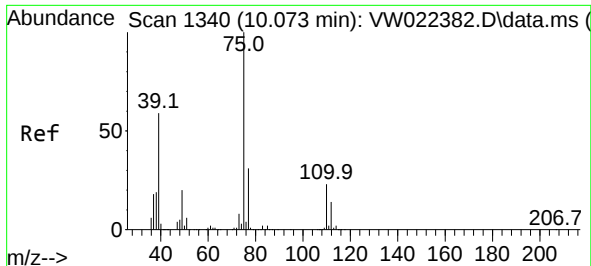
Ion Ratio Lower Upper

83 100

85 64.5 47.9 89.1

127 7.5 7.5 11.3#





#39

cis-1,3-Dichloropropene

Concen: 22.520 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

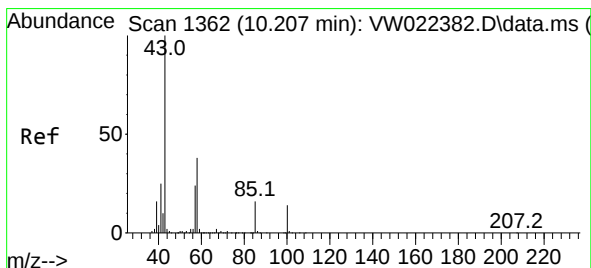
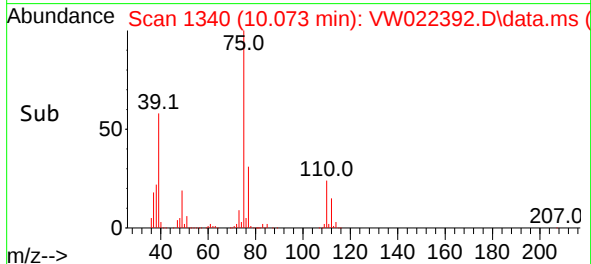
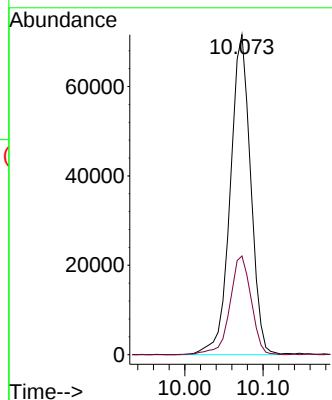
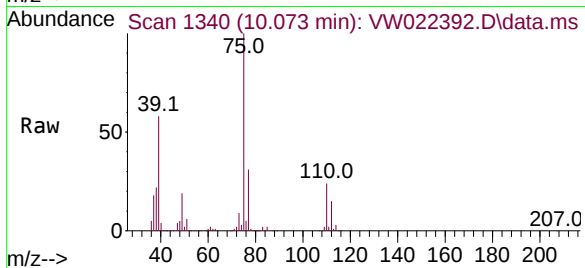
VSTD025592

Tgt Ion: 75 Resp: 129630

Ion Ratio Lower Upper

75 100

77 30.8 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 44.465 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

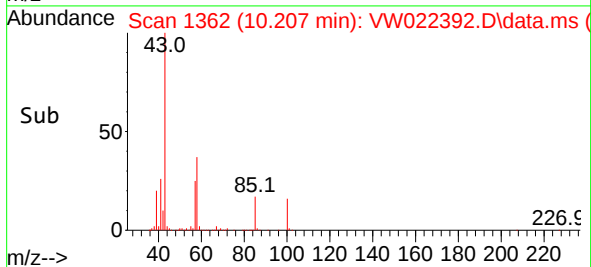
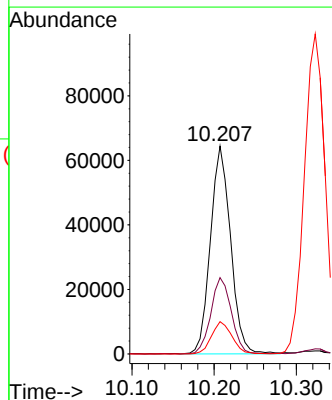
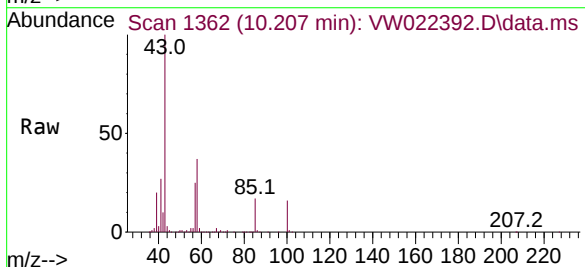
Tgt Ion: 43 Resp: 110077

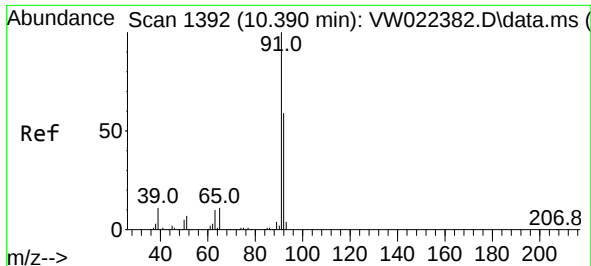
Ion Ratio Lower Upper

43 100

58 37.3 33.2 49.8

100 15.7 16.1 24.1#

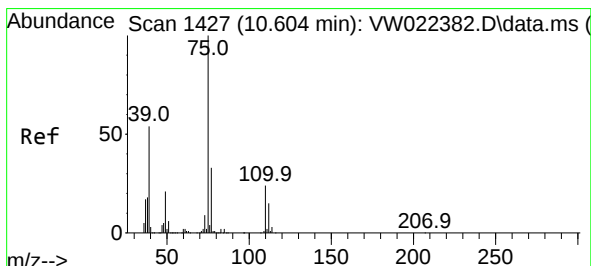
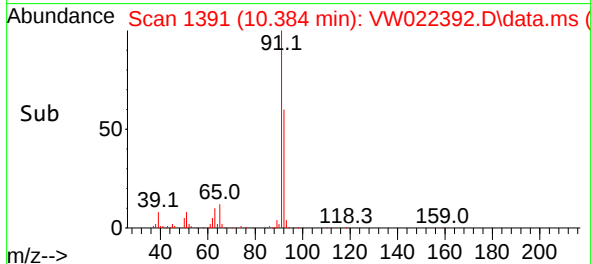
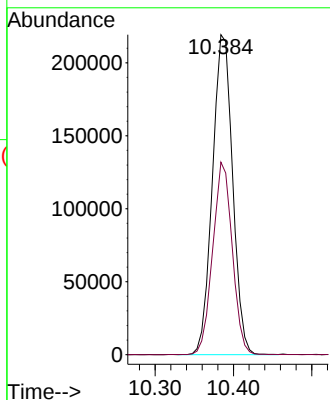
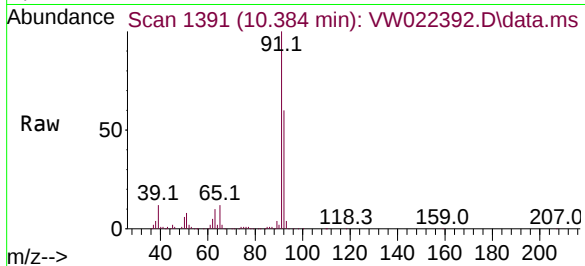




#42
Toluene
Concen: 24.907 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

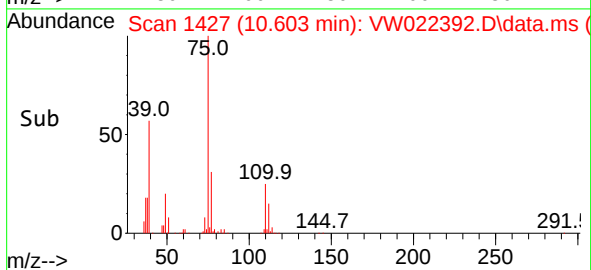
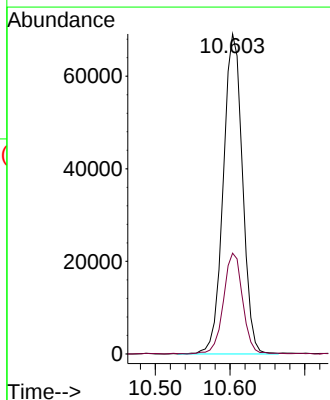
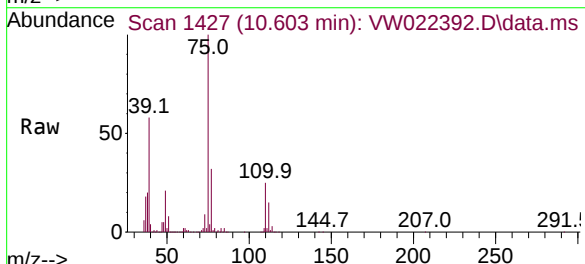
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

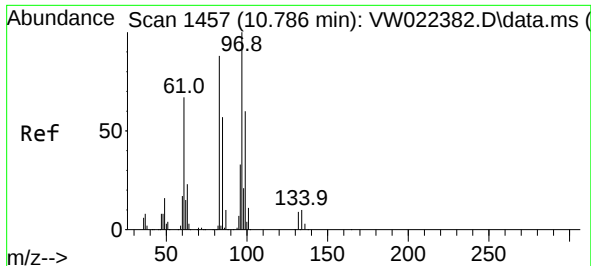
Tgt Ion: 91 Resp: 393554
Ion Ratio Lower Upper
91 100
92 60.1 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 23.249 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 75 Resp: 123946
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8

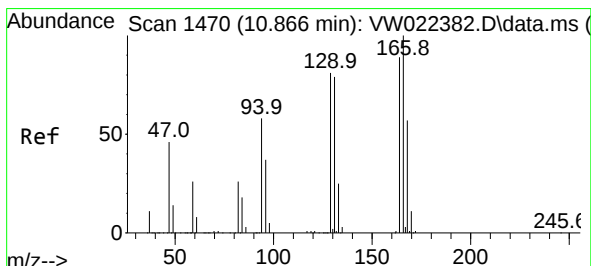
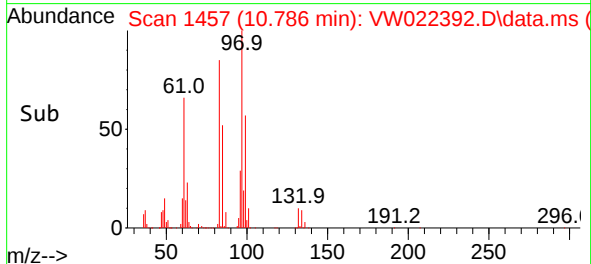
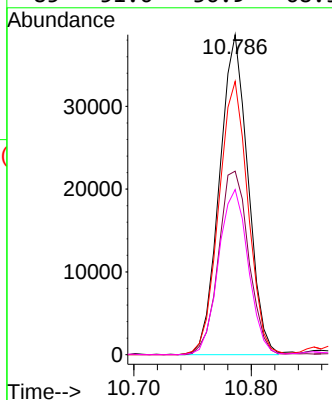
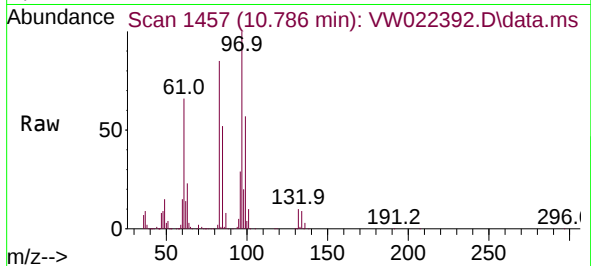




#45
1,1,2-Trichloroethane
Concen: 24.743 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

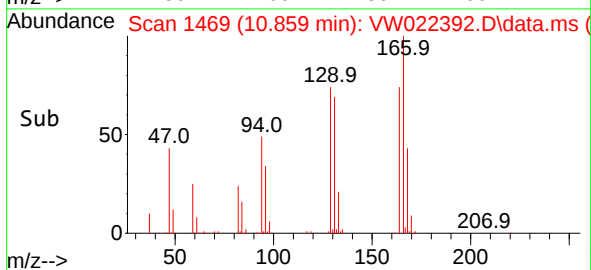
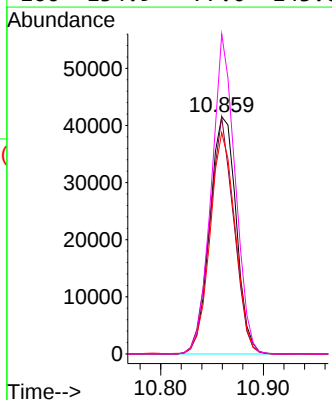
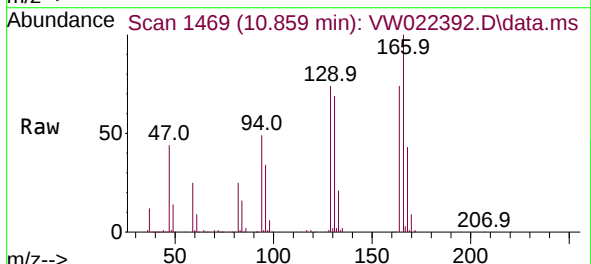
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

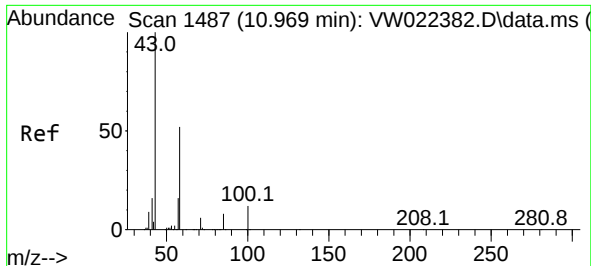
Tgt Ion:	97	Resp:	65145
Ion	Ratio	Lower	Upper
97	100		
99	57.4	43.5	80.7
83	85.4	53.5	99.3
85	51.6	36.9	68.5



#46
Tetrachloroethene
Concen: 27.884 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion:	164	Resp:	73785
Ion	Ratio	Lower	Upper
164	100		
129	99.8	60.3	111.9
131	93.2	59.9	111.3
166	134.9	77.0	143.0

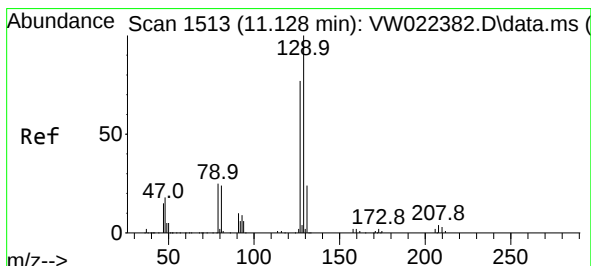
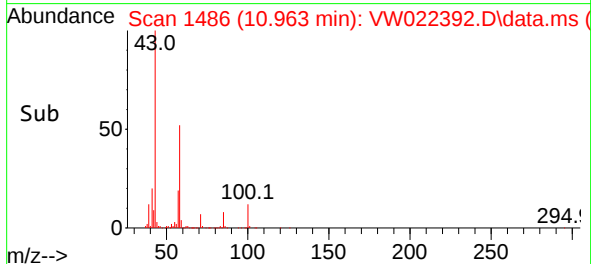
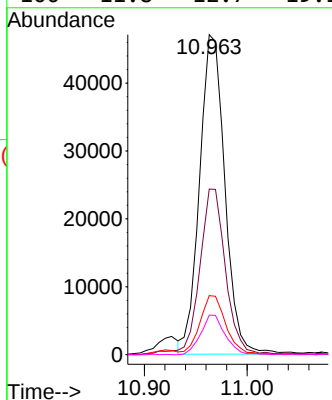
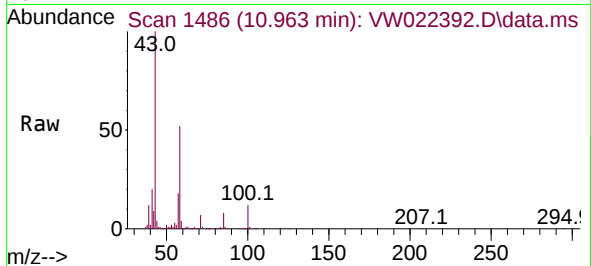




#48
2-Hexanone
Concen: 46.175 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

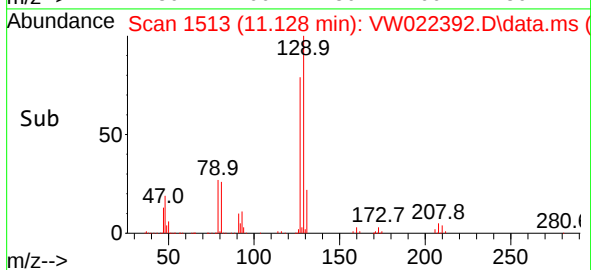
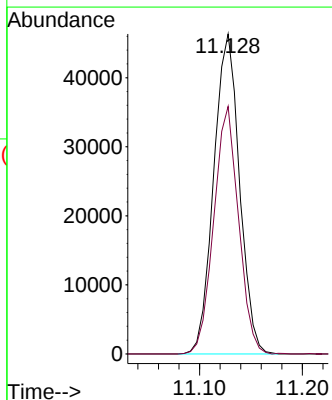
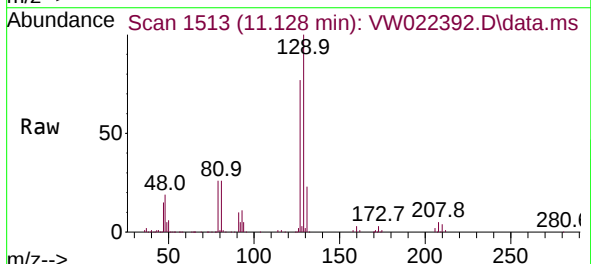
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

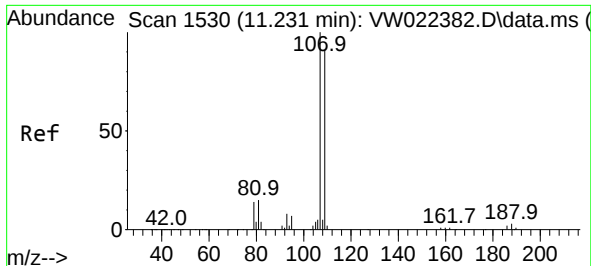
Tgt Ion: 43 Resp: 80699
Ion Ratio Lower Upper
43 100
58 52.7 44.6 66.8
57 19.1 15.8 23.8
100 11.8 12.7 19.1#



#49
Dibromochloromethane
Concen: 24.745 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 129 Resp: 80658
Ion Ratio Lower Upper
129 100
127 77.3 54.5 101.1





#50

1,2-Dibromoethane

Concen: 24.281 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

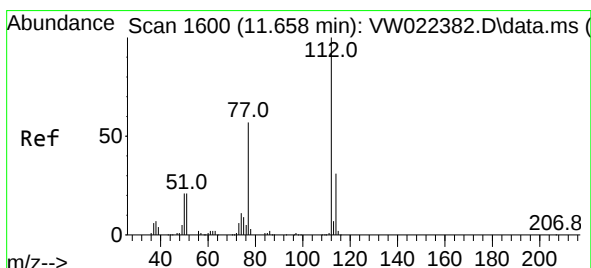
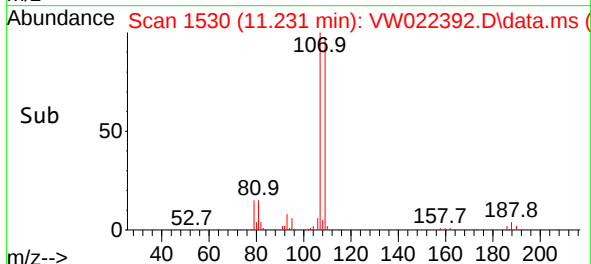
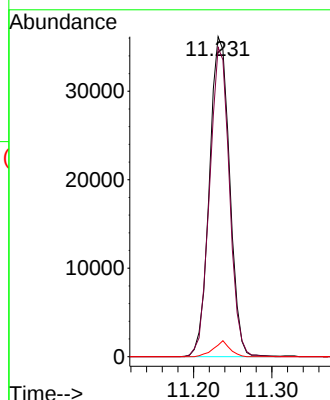
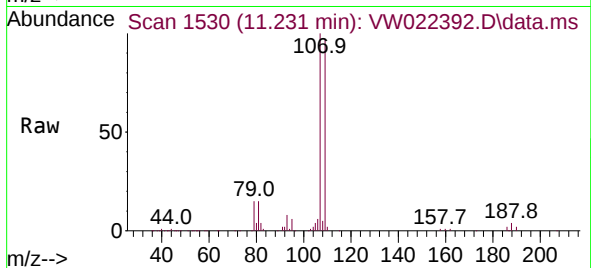
Tgt Ion:107 Resp: 64926

Ion Ratio Lower Upper

107 100

109 96.6 66.8 124.2

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 25.073 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

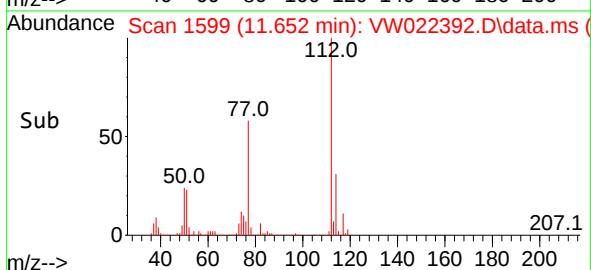
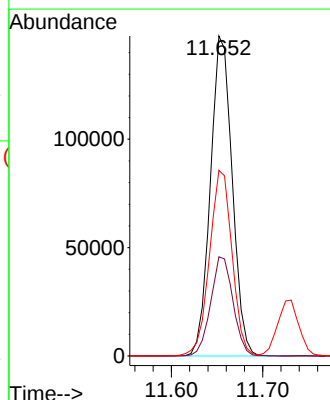
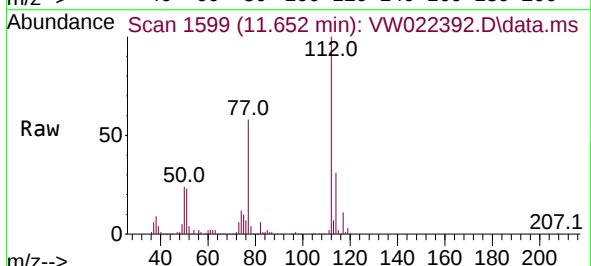
Tgt Ion:112 Resp: 244951

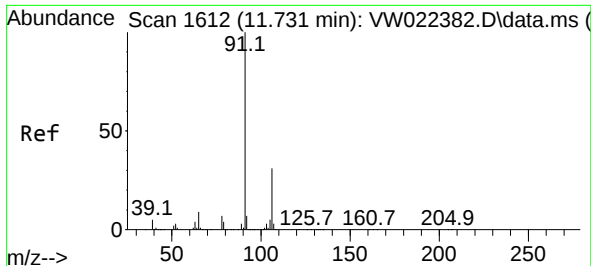
Ion Ratio Lower Upper

112 100

114 31.0 23.0 42.8

77 58.0 41.8 62.6

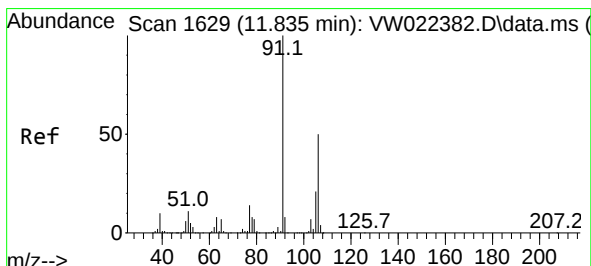
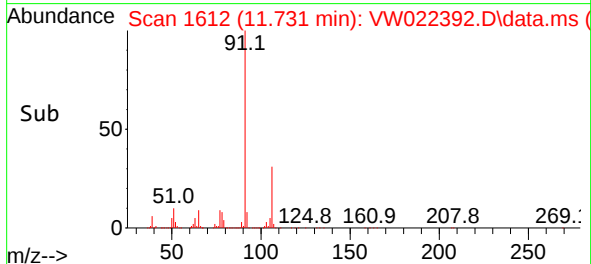
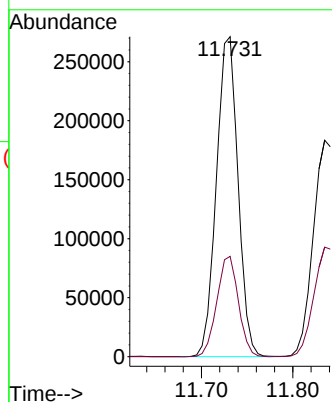
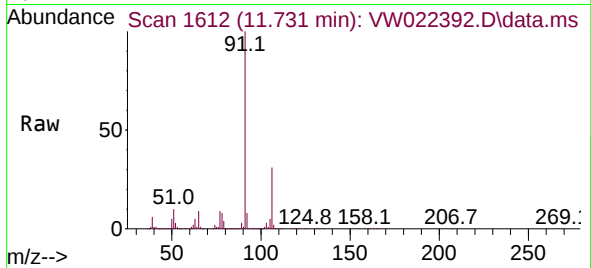




#52
Ethylbenzene
Concen: 25.445 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

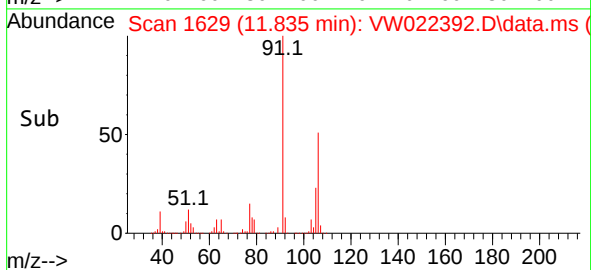
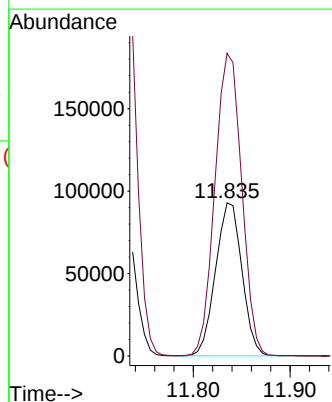
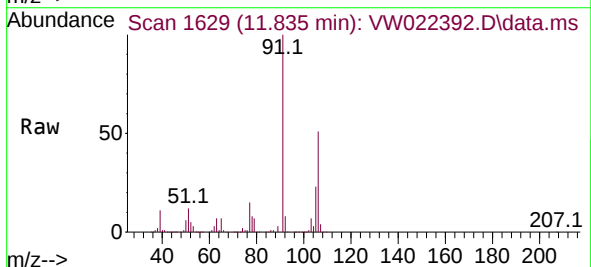
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

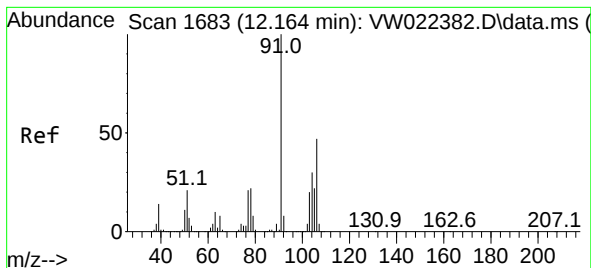
Tgt Ion: 91 Resp: 445934
Ion Ratio Lower Upper
91 100
106 31.3 22.8 42.4



#53
m,p-Xylene
Concen: 26.230 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 106 Resp: 175461
Ion Ratio Lower Upper
106 100
91 197.5 135.0 250.8





#54

o-Xylene

Concen: 25.404 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

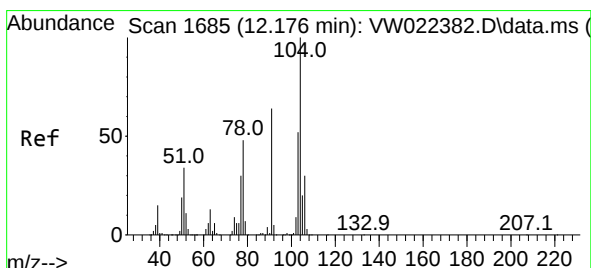
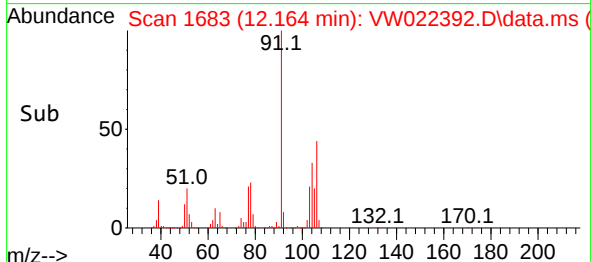
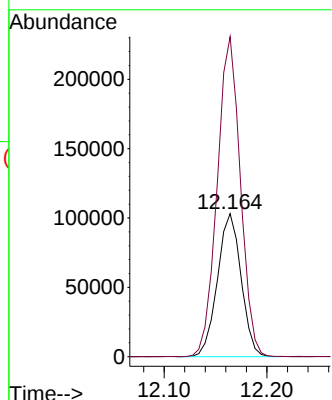
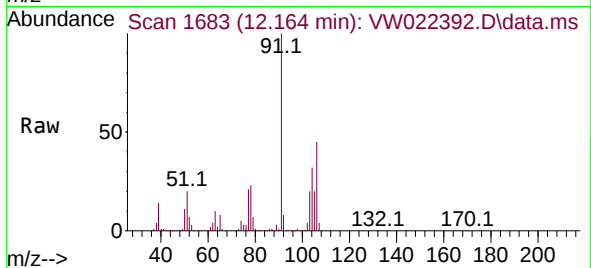
VSTD025592

Tgt Ion:106 Resp: 164615

Ion Ratio Lower Upper

106 100

91 223.7 136.9 254.3



#55

Styrene

Concen: 25.122 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022392.D

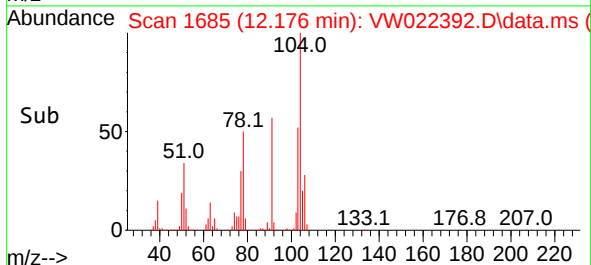
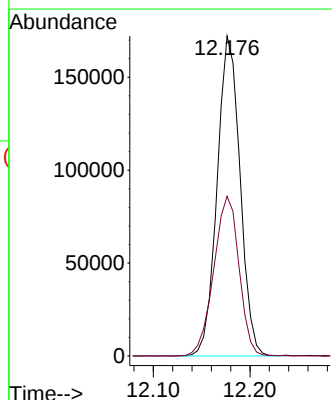
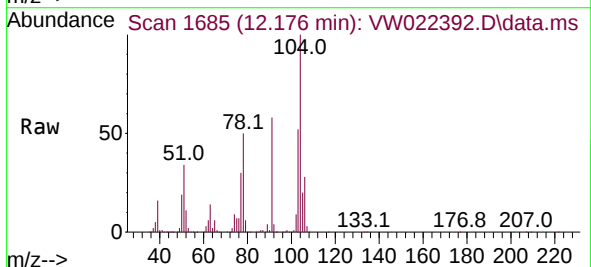
Acq: 04 Apr 2022 17:29

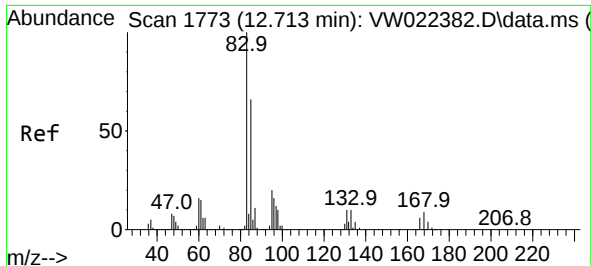
Tgt Ion:104 Resp: 282741

Ion Ratio Lower Upper

104 100

78 49.9 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.528 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

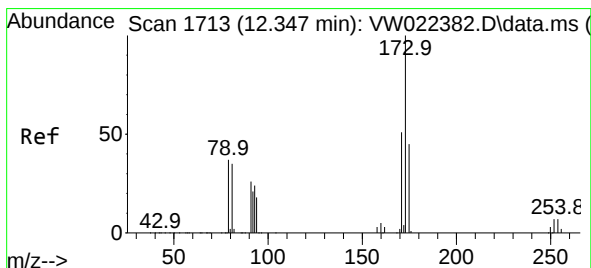
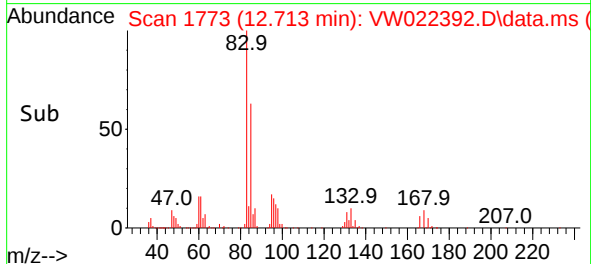
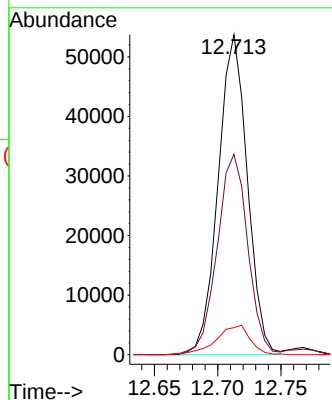
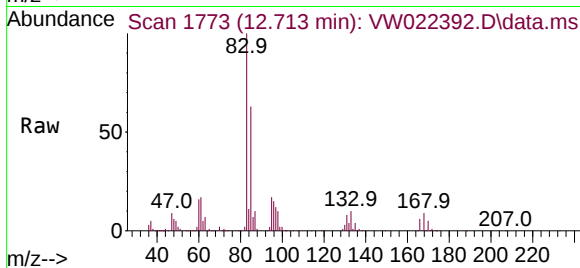
Tgt Ion: 83 Resp: 86074

Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.0

131 8.4 9.4 14.0#



#59

Bromoform

Concen: 24.134 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

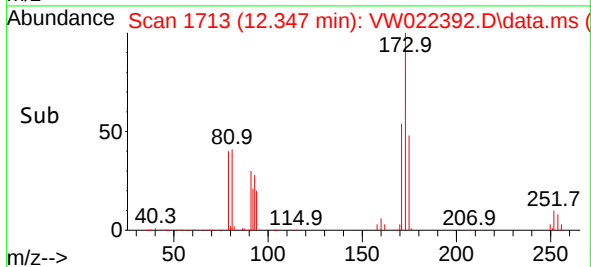
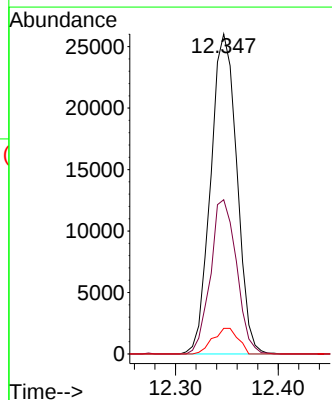
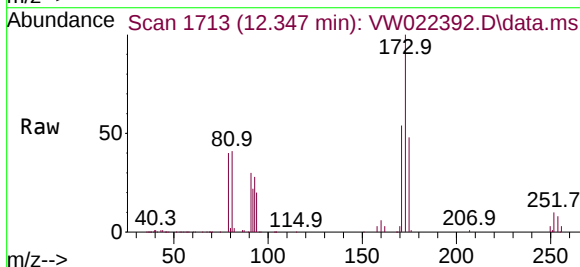
Tgt Ion:173 Resp: 45971

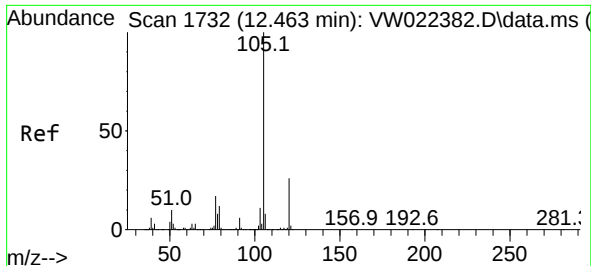
Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.4

254 7.7 5.0 7.6#

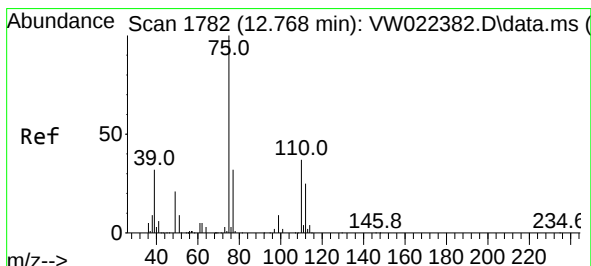
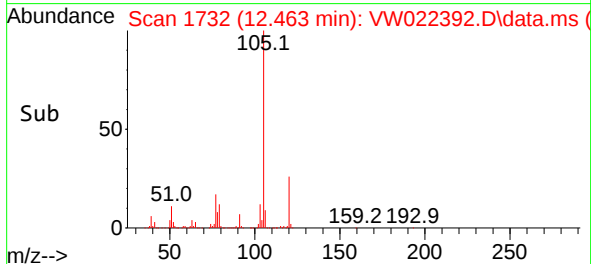
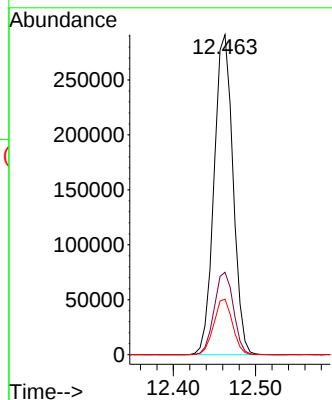
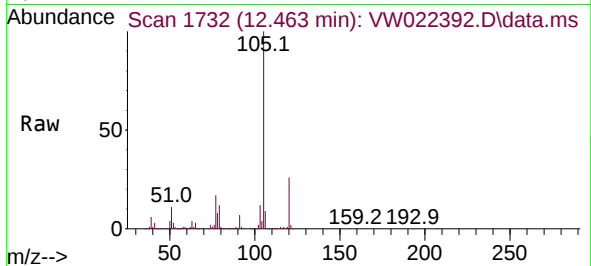




#60
Isopropylbenzene
Concen: 24.175 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

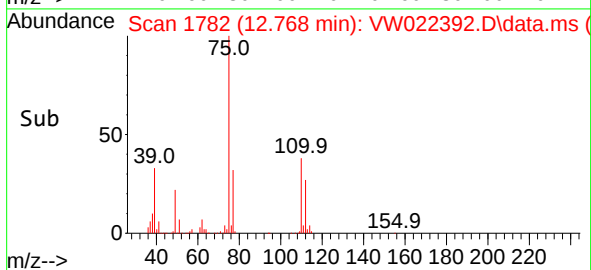
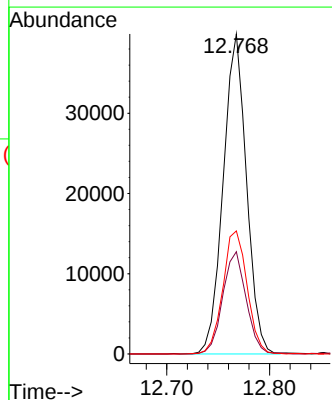
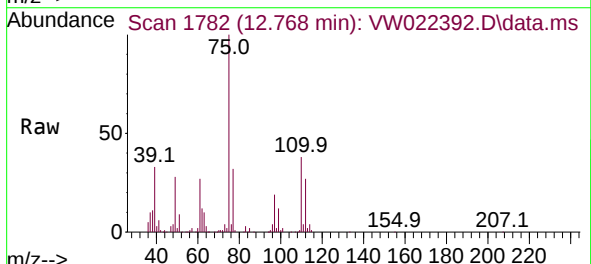
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

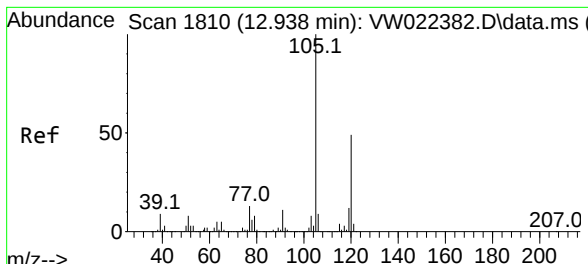
Tgt Ion:105 Resp: 464197
Ion Ratio Lower Upper
105 100
120 26.3 22.1 33.1
77 17.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 22.520 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022392.D
Acq: 04 Apr 2022 17:29

Tgt Ion: 75 Resp: 62566
Ion Ratio Lower Upper
75 100
77 32.2 27.1 40.7
110 40.2 36.7 55.1

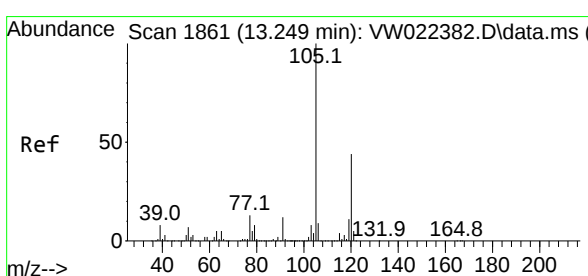
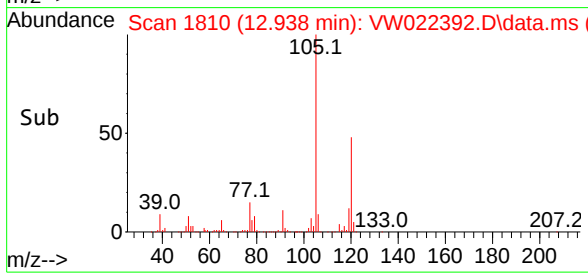
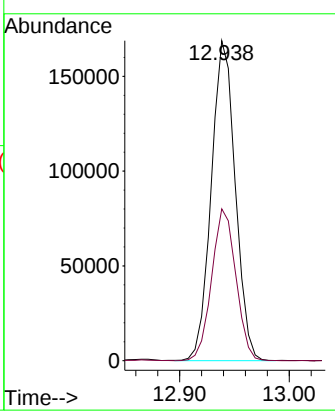
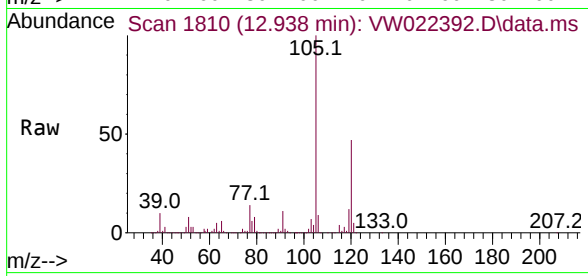




#62
 1,3,5-Trimethylbenzene
 Concen: 24.010 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

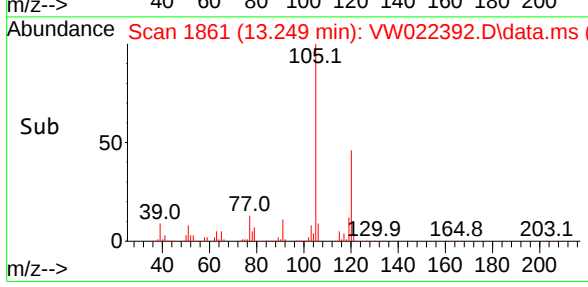
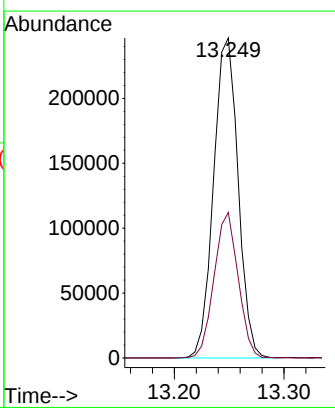
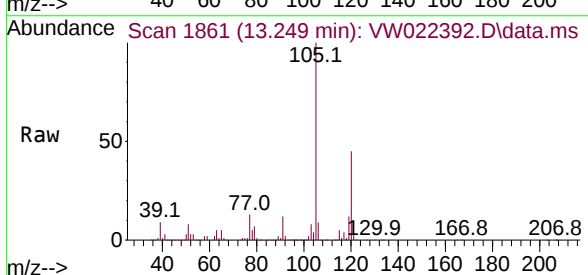
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

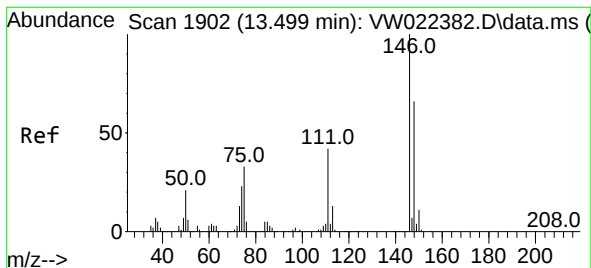
Tgt Ion:	105	Resp:	257055
Ion Ratio	Lower	Upper	
105	100		
120	47.8	41.5	62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.856 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

Tgt Ion:	105	Resp:	383340
Ion Ratio	Lower	Upper	
105	100		
120	44.7	39.2	58.8





#64

1,3-Dichlorobenzene

Concen: 25.006 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

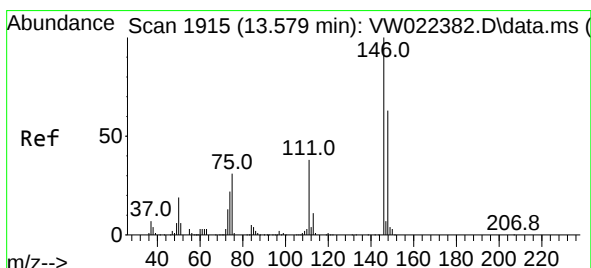
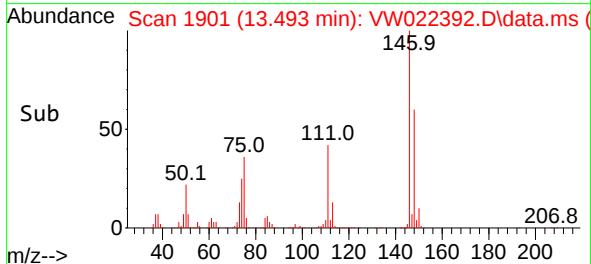
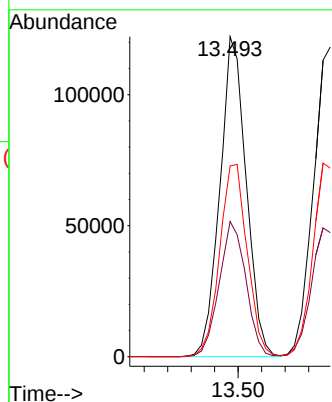
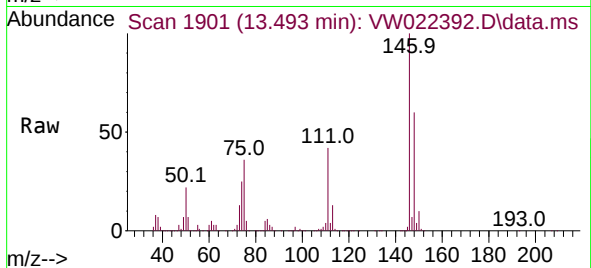
Tgt Ion:146 Resp: 190309

Ion Ratio Lower Upper

146 100

111 42.2 26.9 49.9

148 59.6 41.6 77.2



#65

1,4-Dichlorobenzene

Concen: 23.891 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

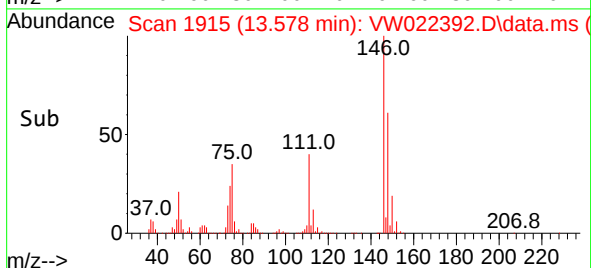
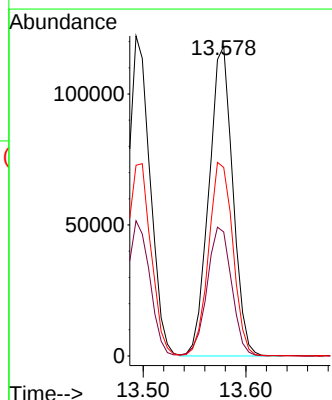
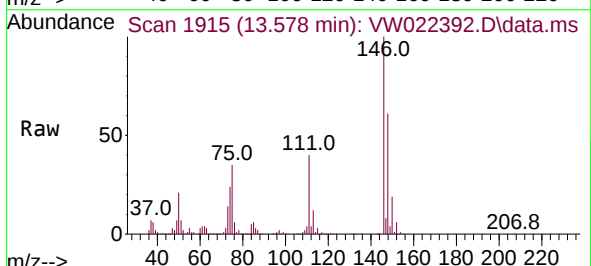
Tgt Ion:146 Resp: 190799

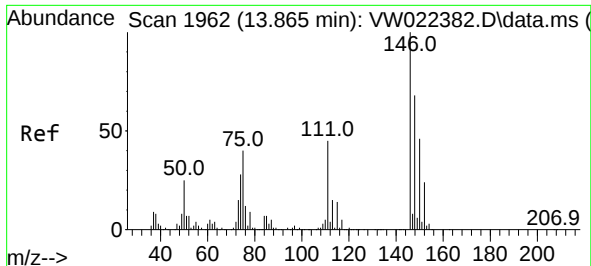
Ion Ratio Lower Upper

146 100

111 40.0 27.5 51.1

148 60.8 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 24.799 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

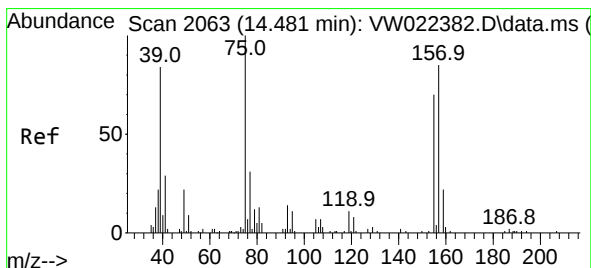
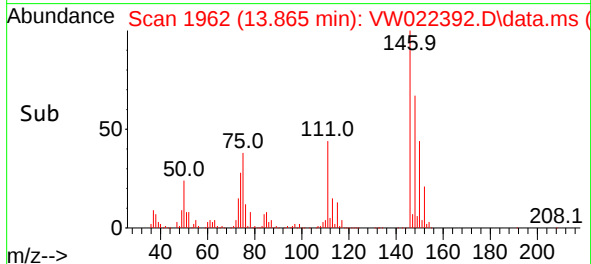
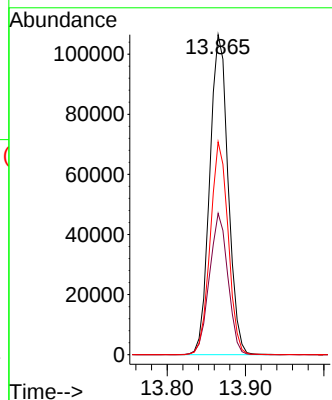
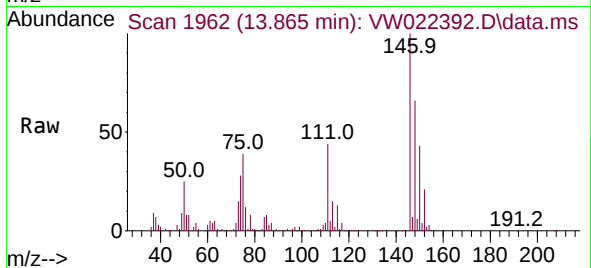
Tgt Ion:146 Resp: 173633

Ion Ratio Lower Upper

146 100

111 44.1 34.8 52.2

148 66.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.308 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

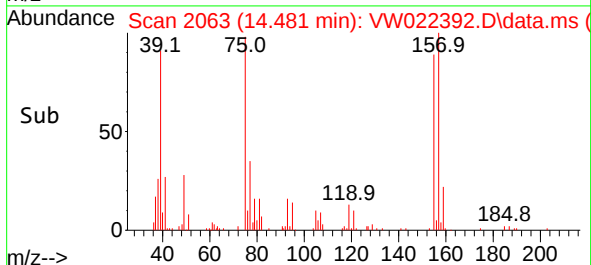
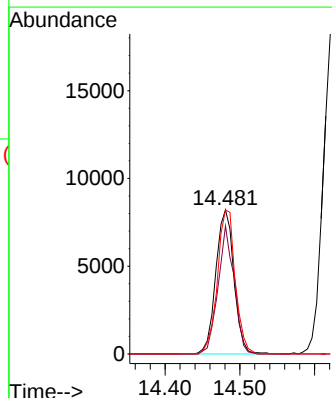
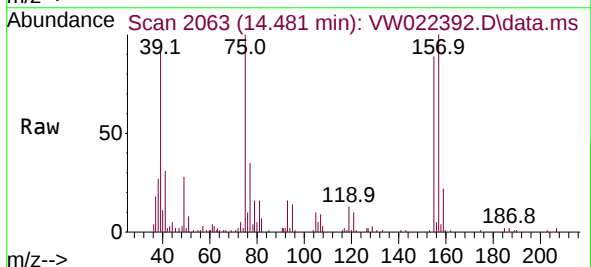
Tgt Ion: 75 Resp: 13824

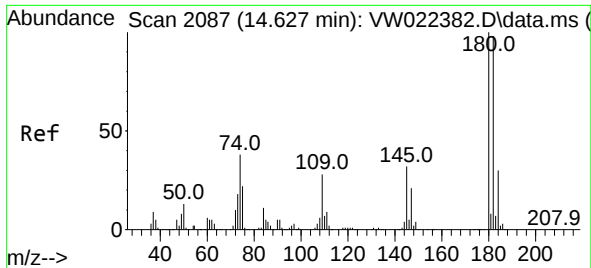
Ion Ratio Lower Upper

75 100

155 88.8 58.2 87.2#

157 99.8 80.5 120.7

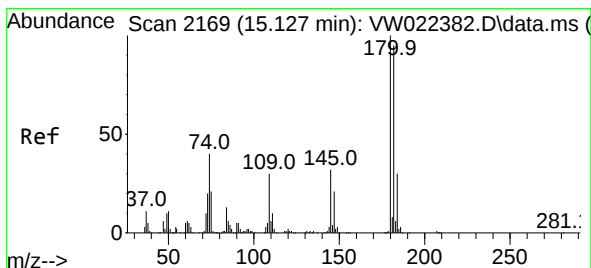
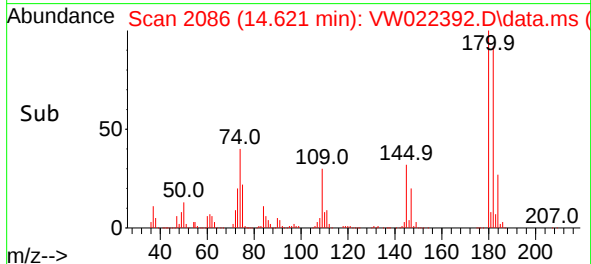
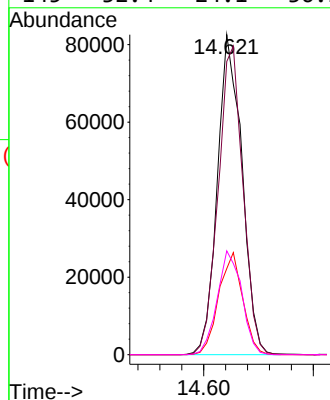
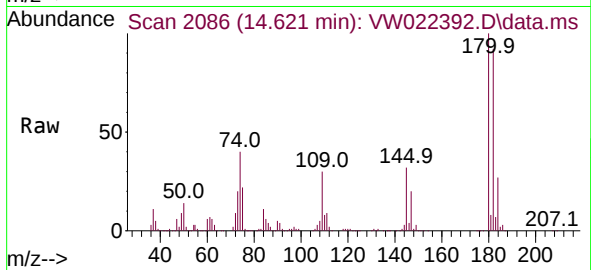




#69
 1,3,5-Trichlorobenzene
 Concen: 24.985 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

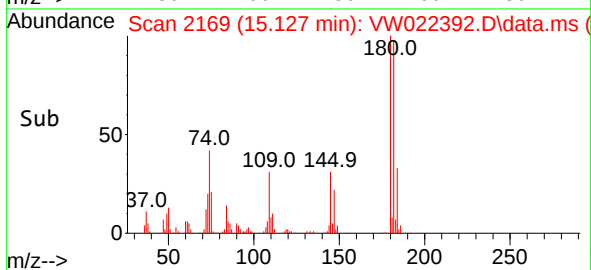
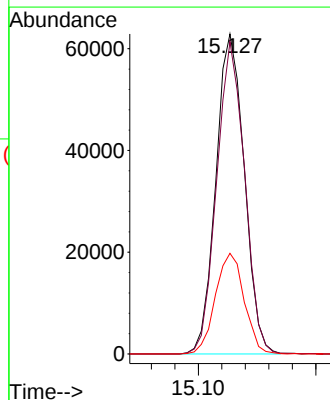
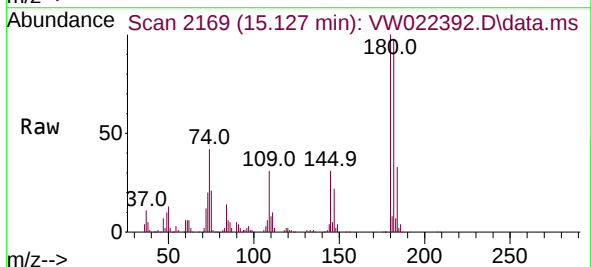
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

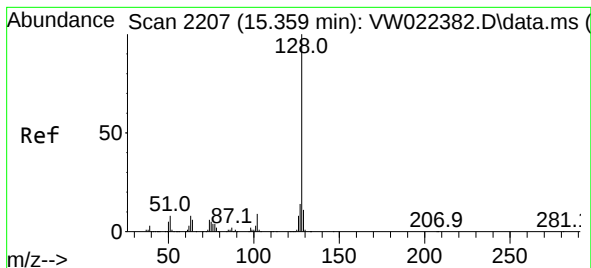
Tgt Ion:	180	Resp:	128789
Ion Ratio	Lower	Upper	
180	100		
182	96.7	69.4	104.0
184	31.2	21.8	32.8
145	32.4	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 25.013 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022392.D
 Acq: 04 Apr 2022 17:29

Tgt Ion:	180	Resp:	105706
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.8	116.6
145	31.9	25.8	38.6





#71

Naphthalene

Concen: 23.763 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

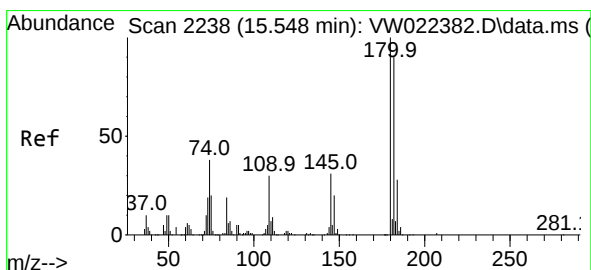
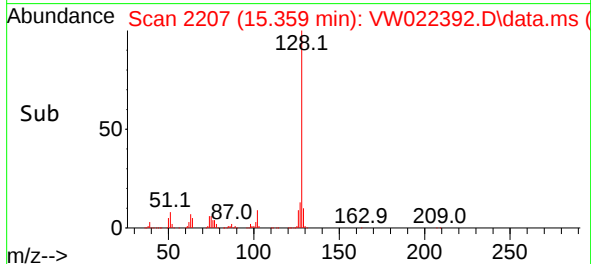
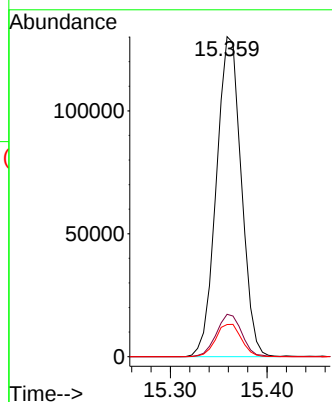
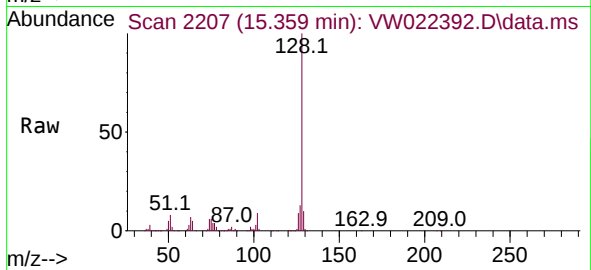
Tgt Ion:128 Resp: 232813

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.6

129 10.4 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.705 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022392.D

Acq: 04 Apr 2022 17:29

Tgt Ion:180 Resp: 91446

Ion Ratio Lower Upper

180 100

182 93.3 79.0 118.4

145 35.1 28.0 42.0

