

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022634.D
 Acq On : 27 Apr 2022 09:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025501

Quant Time: Apr 28 01:05:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 27 01:34:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320690	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	316111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148496	20.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.800%
7) Chloroethane-d5	2.891	69	107827	24.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
11) 1,1-Dichloroethene-d2	4.019	63	224123	24.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.480%
21) 2-Butanone-d5	7.074	46	69994	56.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
24) Chloroform-d	7.647	84	267857	26.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.305	65	143807	25.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.440%
32) Benzene-d6	8.275	84	498964	25.835	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.360%
36) 1,2-Dichloropropane-d6	9.274	67	141580	25.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	10.323	98	485088	25.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	10.579	79	65196	24.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.880%
47) 2-Hexanone-d5	10.920	63	58255	56.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134635	28.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	173329	27.121	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	30447	19.368	ug/L	94
3) Chloromethane	2.221	50	72607	18.525	ug/L	97
5) Vinyl chloride	2.367	62	157572	19.267	ug/L	94
6) Bromomethane	2.782	94	95740	19.257	ug/L	97
8) Chloroethane	2.928	64	77483	21.641	ug/L	99
9) Trichlorofluoromethane	3.263	101	84732	28.063	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	120690	25.102	ug/L	95
12) 1,1-Dichloroethene	4.044	96	105313	24.390	ug/L	91
13) Acetone	4.129	43	47544	56.417	ug/L	91
14) Carbon disulfide	4.385	76	253280	17.831	ug/L	98
15) Methyl Acetate	4.672	43	48391	22.882	ug/L	94
16) Methylene chloride	4.922	84	117006	24.247	ug/L	88
17) trans-1,2-Dichloroethene	5.421	96	64214	12.695	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	193696	23.447	ug/L	95
19) 1,1-Dichloroethane	6.220	63	208560	22.597	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	130360	24.402	ug/L #	92
22) 2-Butanone	7.171	43	67640	53.143	ug/L	96
23) Bromochloromethane	7.513	128	57629	25.066	ug/L	89
25) Chloroform	7.677	83	232319	23.899	ug/L	98

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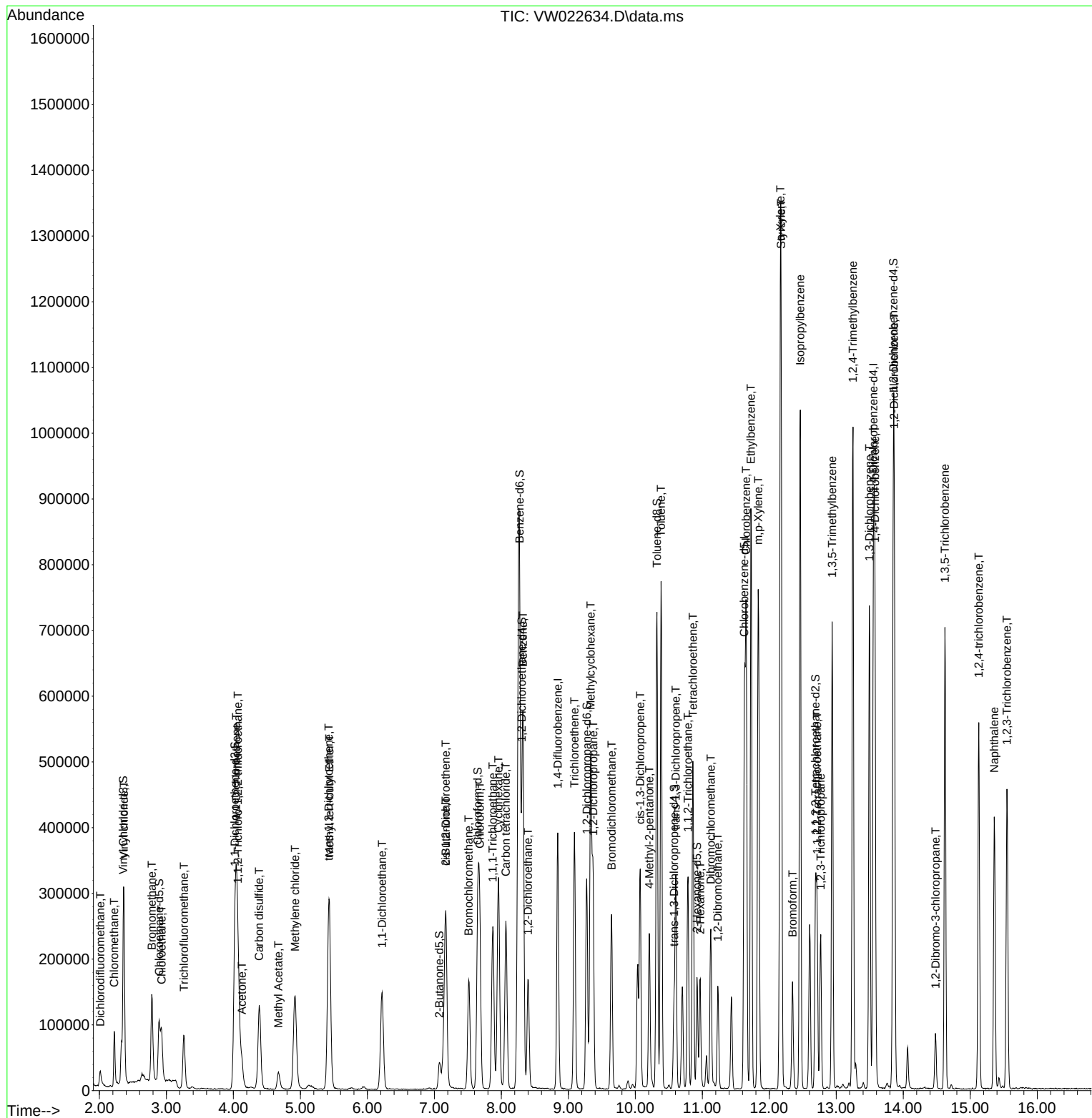
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	151810	22.220	ug/L	96
29) Cyclohexane	7.958	56	174003	19.232	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	202086	23.046	ug/L	96
31) Carbon tetrachloride	8.067	117	185780	23.605	ug/L	99
33) Benzene	8.323	78	483380	22.523	ug/L	100
34) Trichloroethene	9.092	95	131054	22.806	ug/L	96
35) Methylcyclohexane	9.335	83	215853	20.936	ug/L	95
37) 1,2-Dichloropropane	9.372	63	118190	22.987	ug/L	99
38) Bromodichloromethane	9.646	83	172654	23.351	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	189576	23.236	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	149218	47.556	ug/L	94
42) Toluene	10.384	91	554657	22.554	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	172323	23.589	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	99434	25.340	ug/L	95
46) Tetrachloroethene	10.860	164	98219	23.252	ug/L	97
48) 2-Hexanone	10.969	43	100279	45.300	ug/L	93
49) Dibromochloromethane	11.128	129	125796	26.880	ug/L	99
50) 1,2-Dibromoethane	11.231	107	97732	25.223	ug/L	92
51) Chlorobenzene	11.652	112	366843	24.410	ug/L	96
52) Ethylbenzene	11.725	91	630363	22.868	ug/L	96
53) m,p-Xylene	11.835	106	248296	23.689	ug/L	93
54) o-Xylene	12.164	106	240216	23.983	ug/L	89
55) Styrene	12.176	104	411144	24.026	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	123329	25.607	ug/L	98
59) Bromoform	12.347	173	66512	24.808	ug/L	98
60) Isopropylbenzene	12.463	105	671985	22.420	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	89525	23.325	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	374295	22.707	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	557349	22.235	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	290886	23.913	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	284806	23.477	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	265080	24.367	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	20397	22.914	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.621	180	194656	24.527	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	157986	23.702	ug/L	96
71) Naphthalene	15.359	128	346490	24.646	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	139688	24.518	ug/L	97

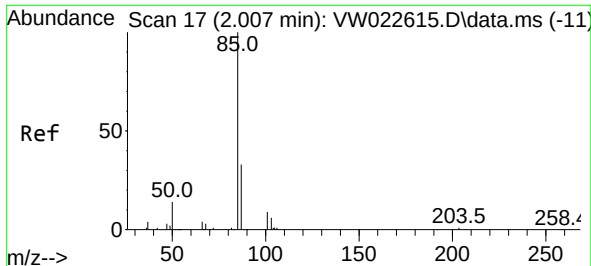
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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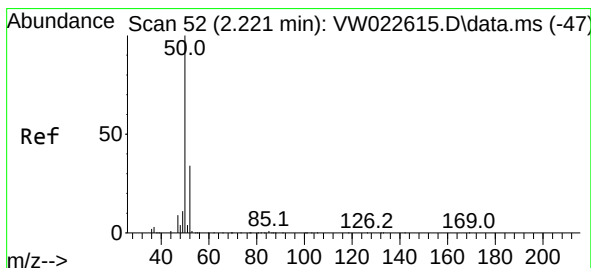
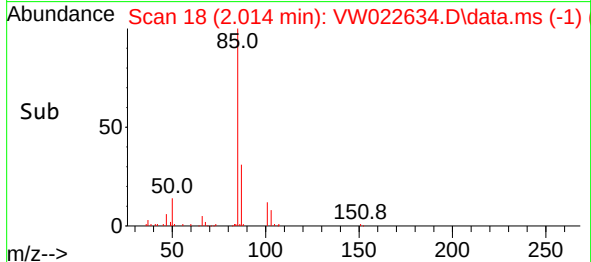
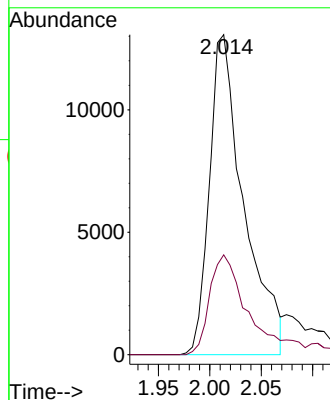
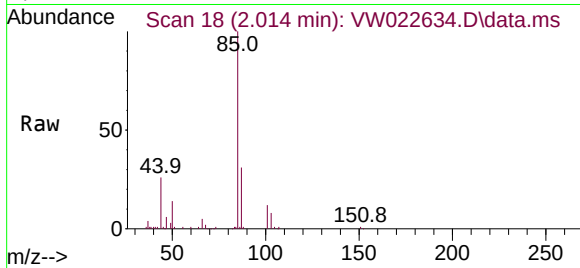




#2
Dichlorodifluoromethane
Concen: 19.368 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

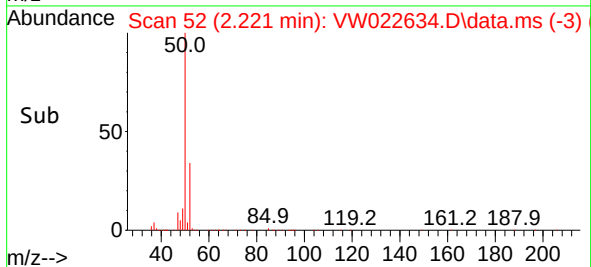
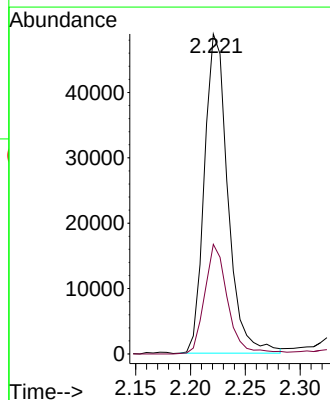
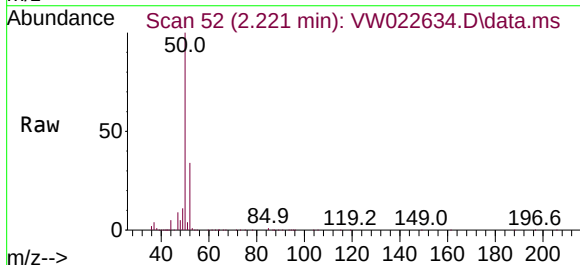
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MSVOA_W
ClientSampleId :
VSTD025501

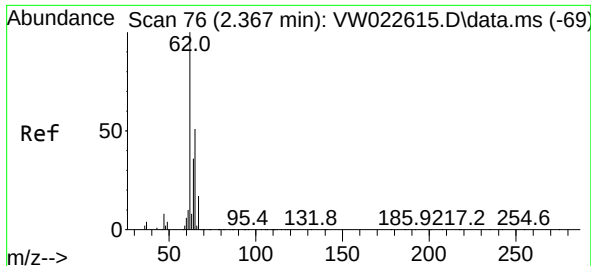
Tgt Ion: 85 Resp: 30447
Ion Ratio Lower Upper
85 100
87 32.7 23.7 35.5



#3
Chloromethane
Concen: 18.525 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 50 Resp: 72607
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.6

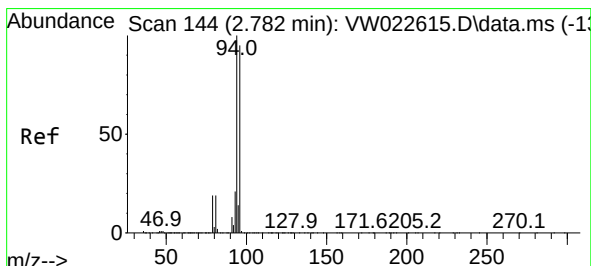
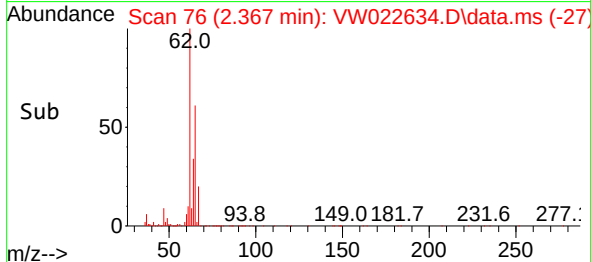
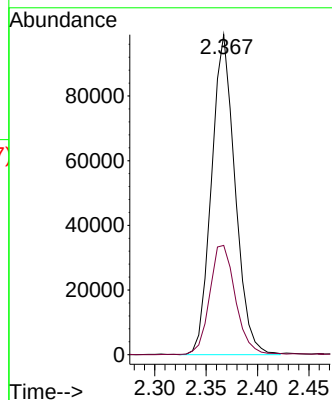
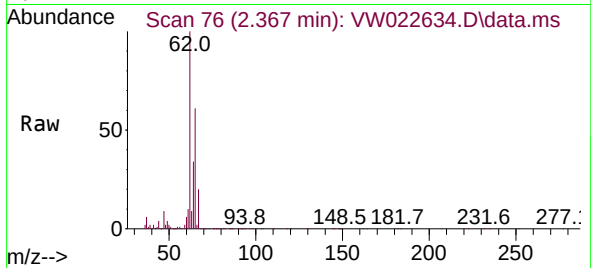




#5
 Vinyl chloride
 Concen: 19.267 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW022634.D
 Acq: 27 Apr 2022 09:26

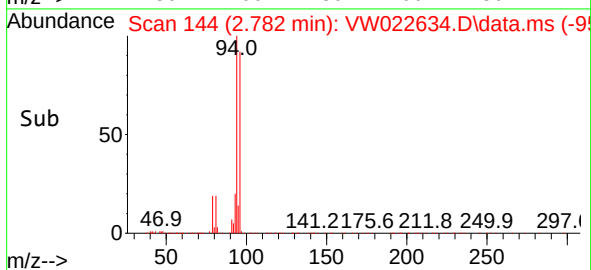
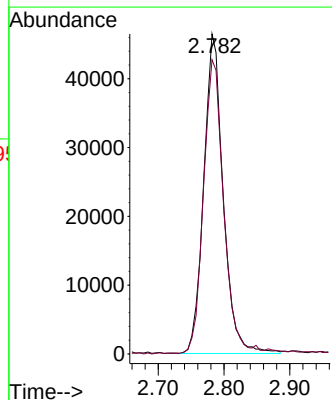
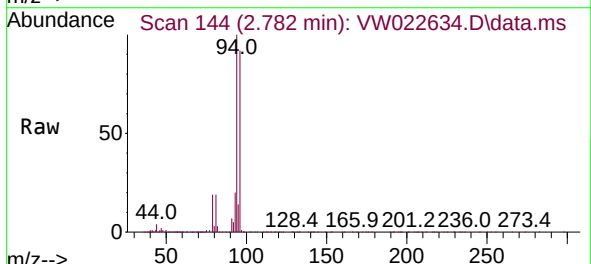
Instrument :
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 ClientSampleId :
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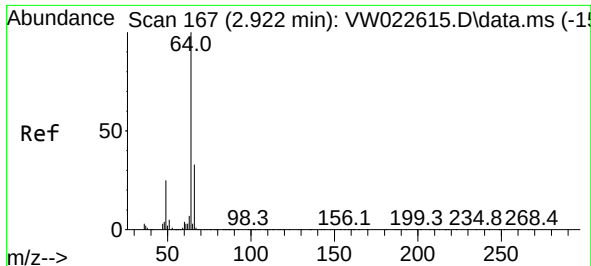
Tgt Ion: 62 Resp: 157572
 Ion Ratio Lower Upper
 62 100
 64 34.2 26.5 49.3



#6
 Bromomethane
 Concen: 19.257 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022634.D
 Acq: 27 Apr 2022 09:26

Tgt Ion: 94 Resp: 95740
 Ion Ratio Lower Upper
 94 100
 96 92.0 66.6 123.6

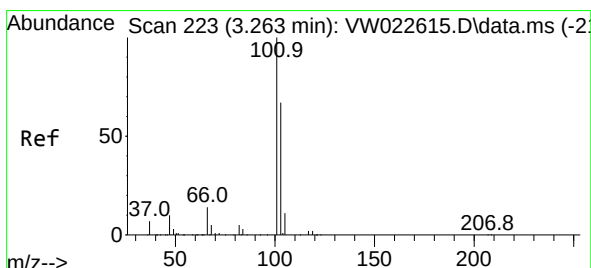
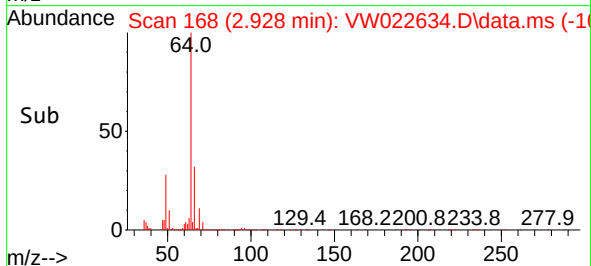
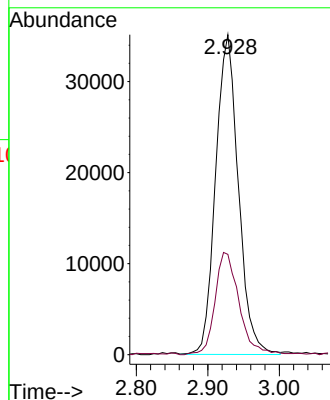
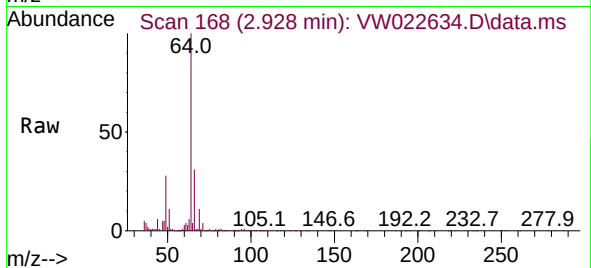




#8
Chloroethane
Concen: 21.641 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

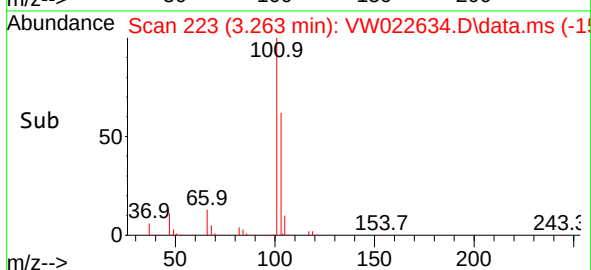
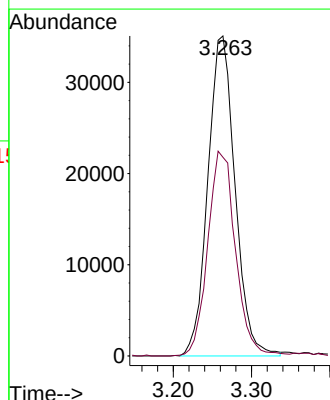
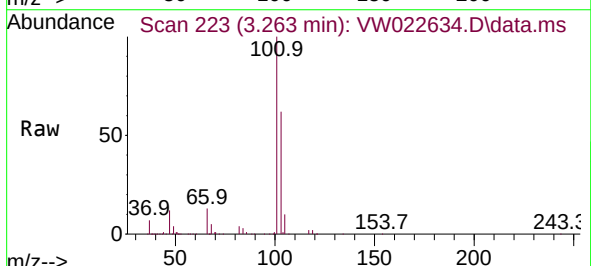
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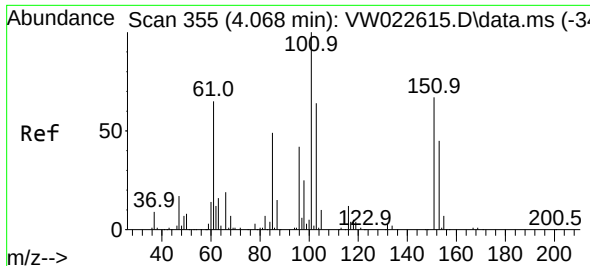
Tgt Ion: 64 Resp: 77483
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.063 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 101 Resp: 84732
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

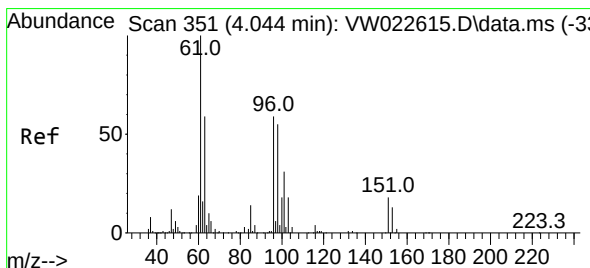
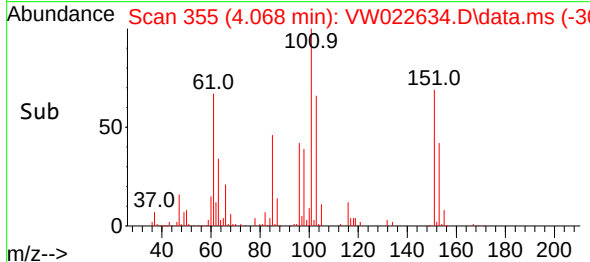
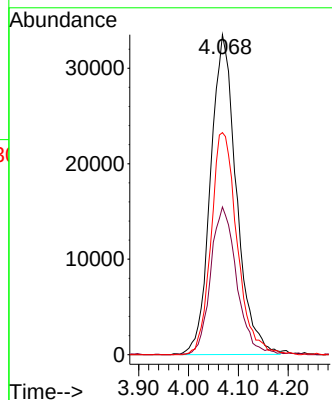
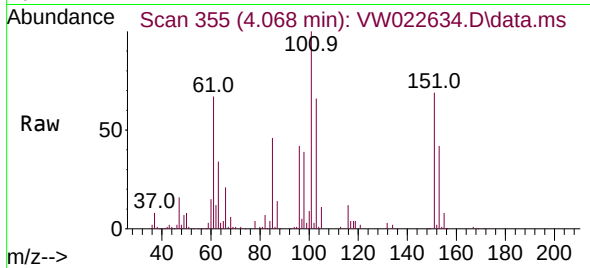




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.102 ug/L
 RT: 4.068 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VW022634.D
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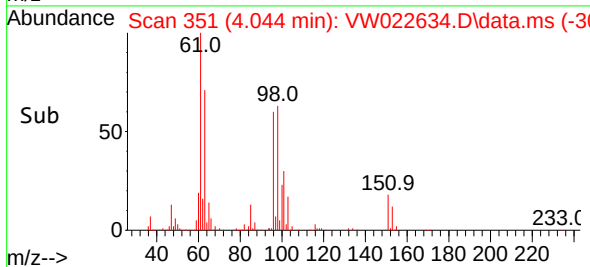
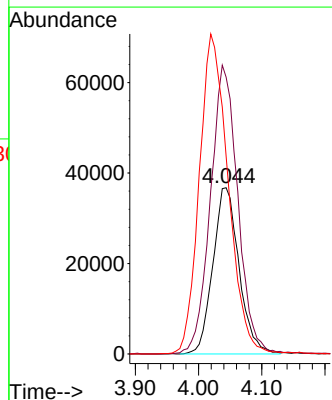
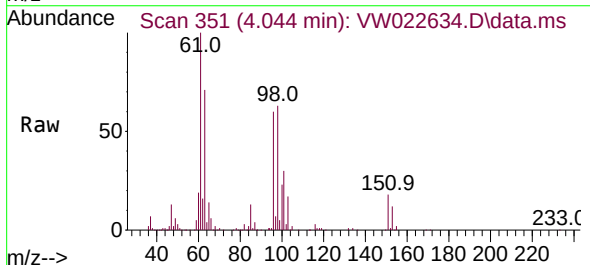
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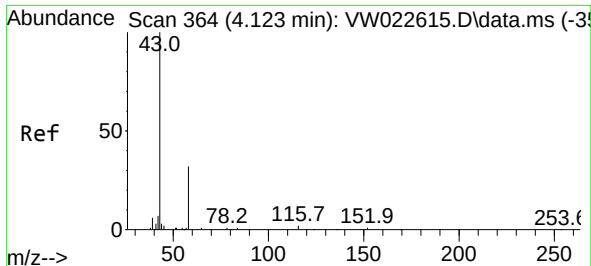
Tgt Ion:101 Resp: 120690
 Ion Ratio Lower Upper
 101 100
 85 46.5 39.2 58.8
 151 69.5 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.390 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022634.D
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Tgt Ion: 96 Resp: 105313
 Ion Ratio Lower Upper
 96 100
 61 166.4 128.0 237.6
 63 118.9 86.6 160.8

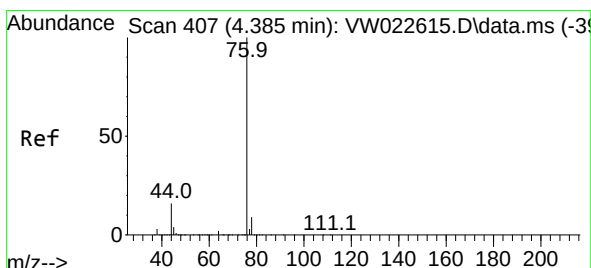
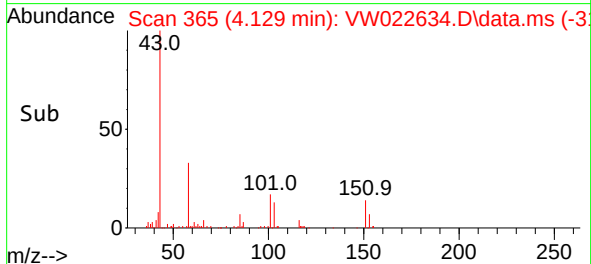
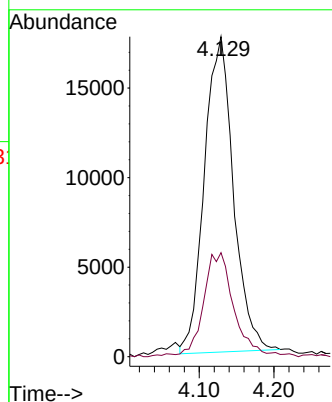
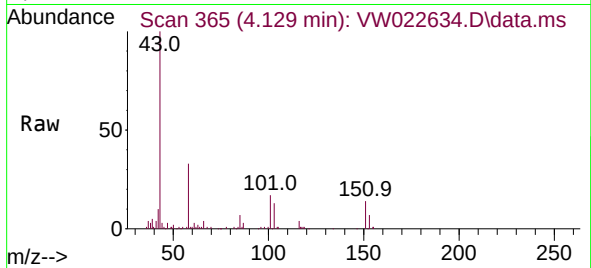




#13
Acetone
Concen: 56.417 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

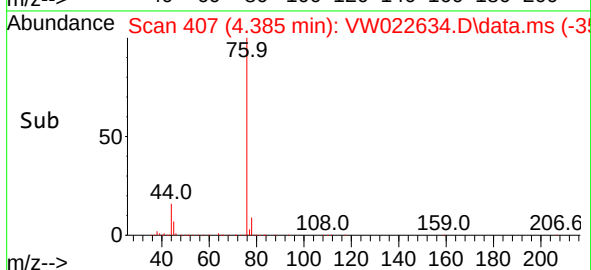
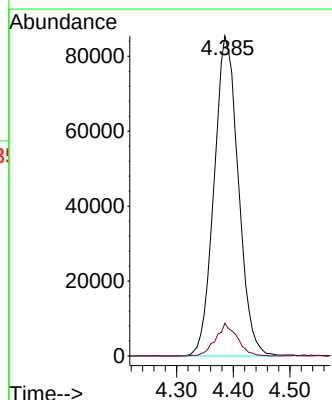
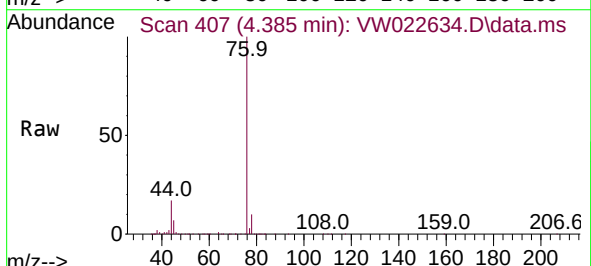
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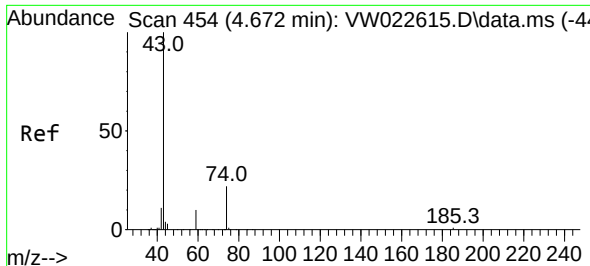
Tgt Ion: 43 Resp: 47544
Ion Ratio Lower Upper
43 100
58 33.3 0.0 57.0



#14
Carbon disulfide
Concen: 17.831 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 253280
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4

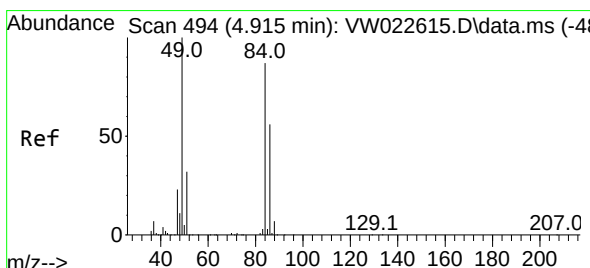
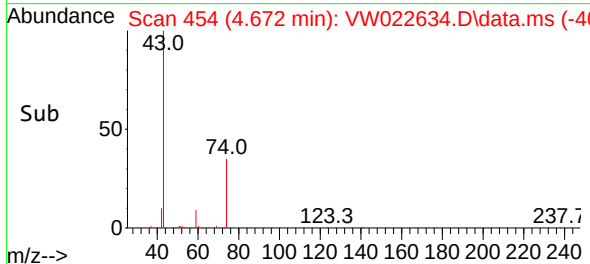
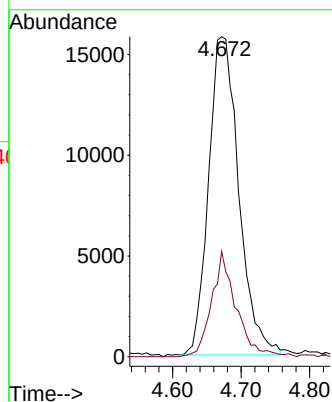
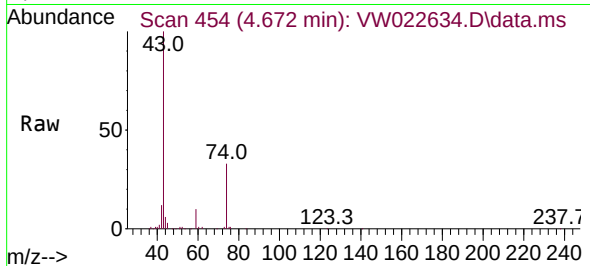




#15
Methyl Acetate
Concen: 22.882 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

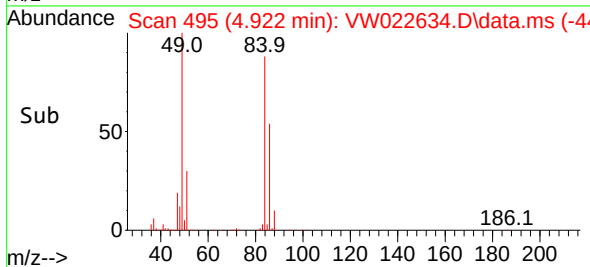
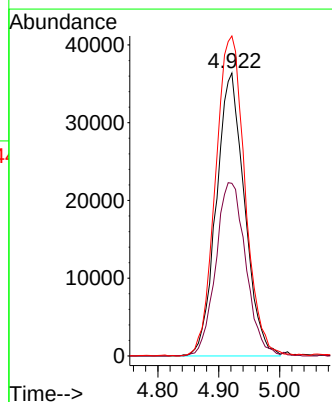
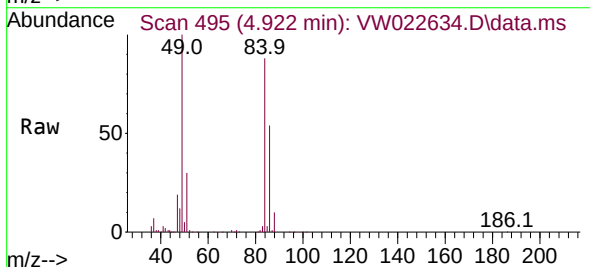
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

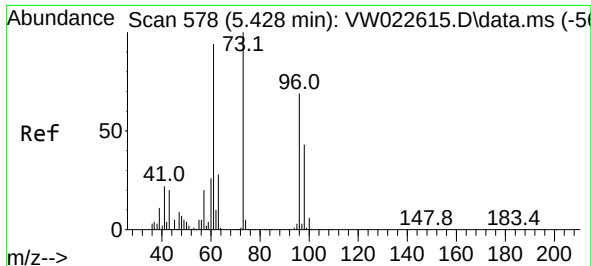
Tgt Ion: 43 Resp: 48391
Ion Ratio Lower Upper
43 100
74 25.9 18.5 27.7



#16
Methylene chloride
Concen: 24.247 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 84 Resp: 117006
Ion Ratio Lower Upper
84 100
86 61.0 42.8 79.4
49 113.2 94.2 175.0

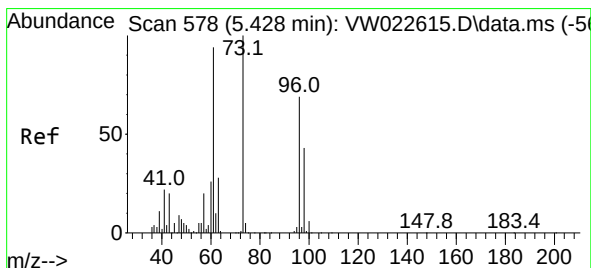
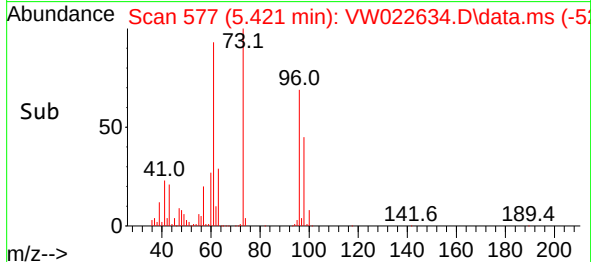
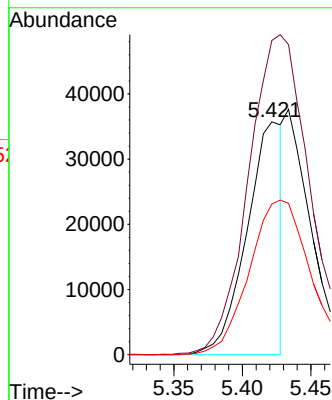
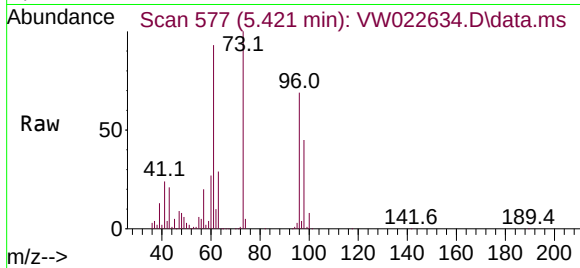




#17
trans-1,2-Dichloroethene
Concen: 12.695 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

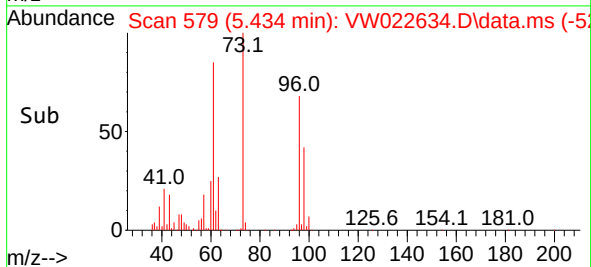
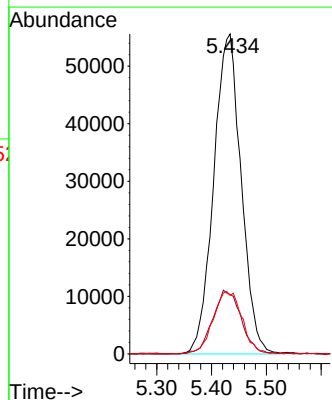
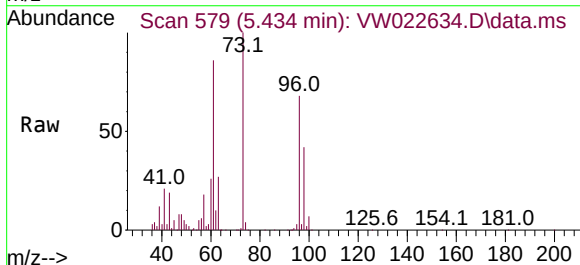
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

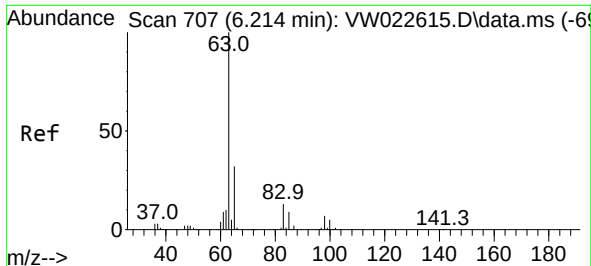
Tgt Ion: 96 Resp: 64214
Ion Ratio Lower Upper
96 100
61 134.9 99.8 185.4
98 64.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.447 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 73 Resp: 193696
Ion Ratio Lower Upper
73 100
43 20.1 18.8 28.2
57 20.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 22.597 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

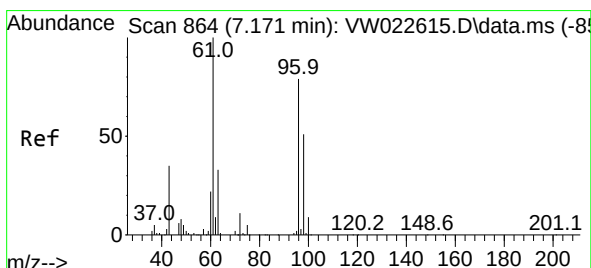
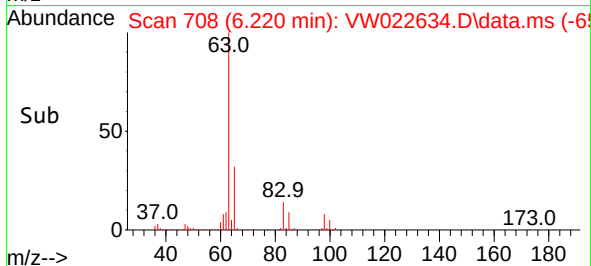
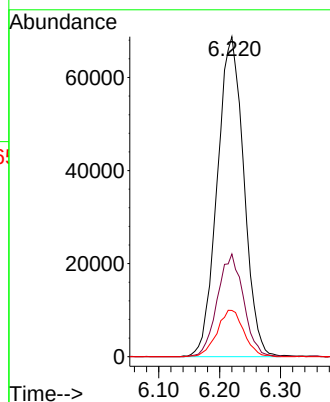
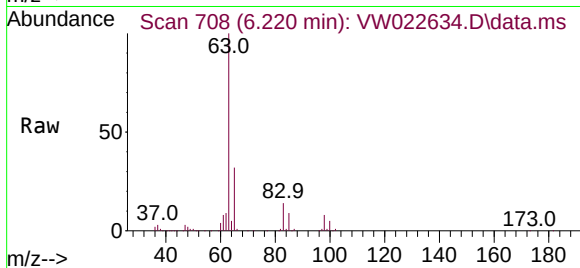
Tgt Ion: 63 Resp: 208560

Ion Ratio Lower Upper

63 100

65 32.1 21.1 39.3

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.402 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

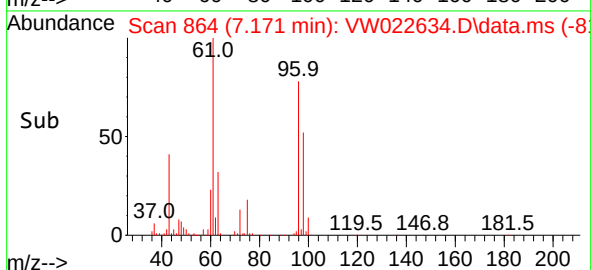
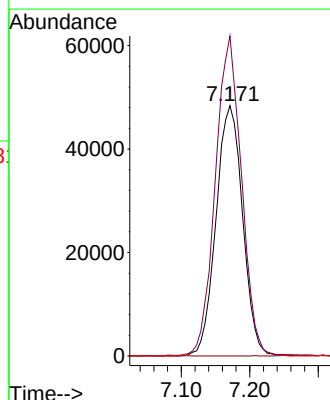
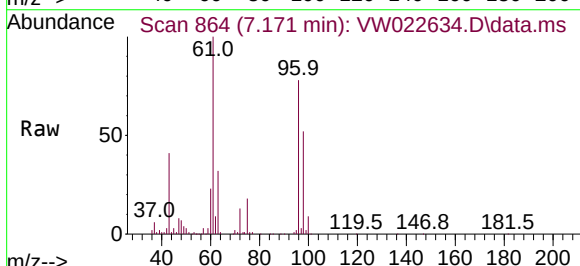
Tgt Ion: 96 Resp: 130360

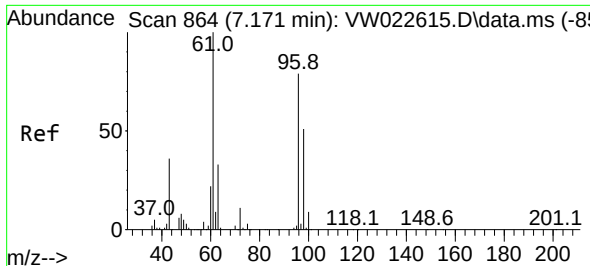
Ion Ratio Lower Upper

96 100

61 127.9 96.4 179.0

68 0.0 0.1 0.3

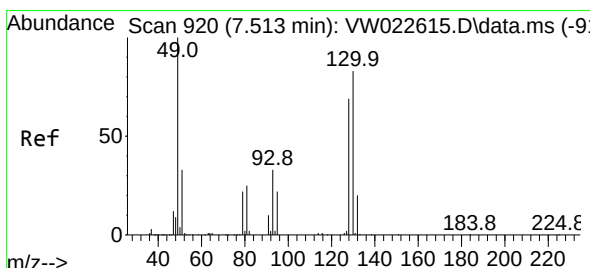
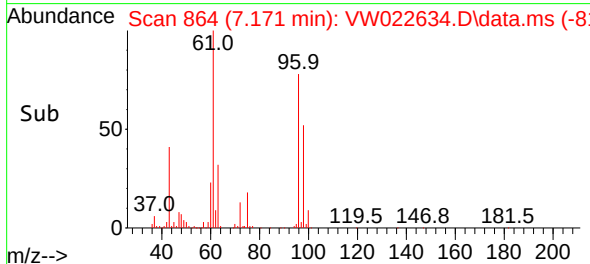
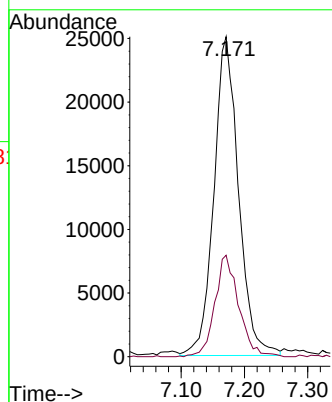
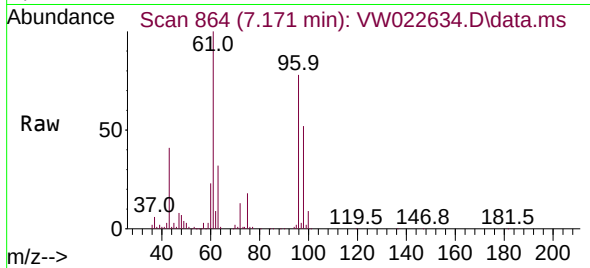




#22
2-Butanone
Concen: 53.143 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

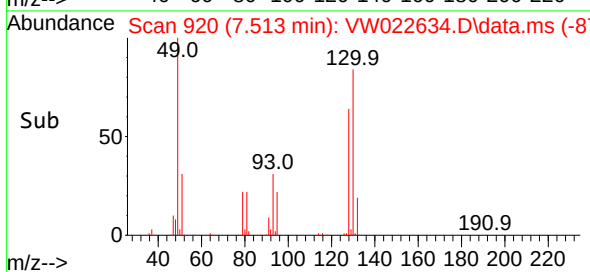
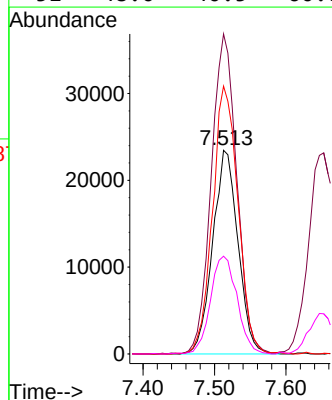
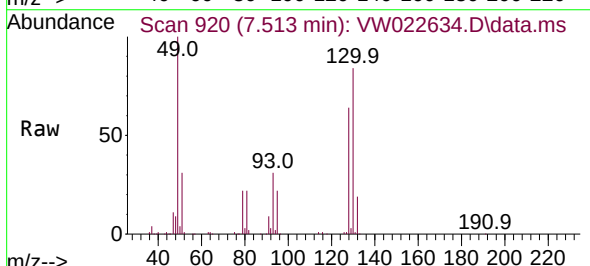
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

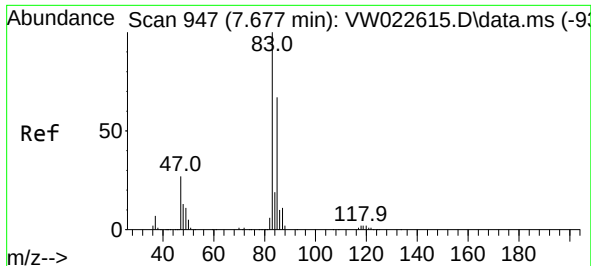
Tgt Ion: 43 Resp: 67640
Ion Ratio Lower Upper
43 100
72 30.4 14.0 42.0



#23
Bromochloromethane
Concen: 25.066 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 128 Resp: 57629
Ion Ratio Lower Upper
128 100
49 157.1 120.8 224.3
130 131.5 81.8 151.8
51 48.0 40.5 60.7





#25

Chloroform

Concen: 23.899 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

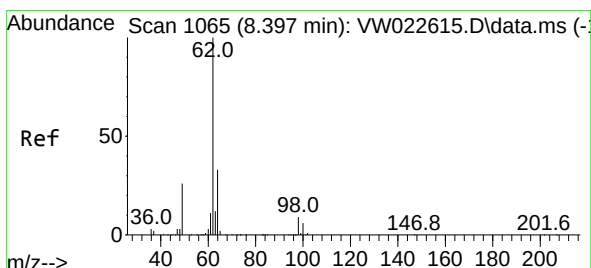
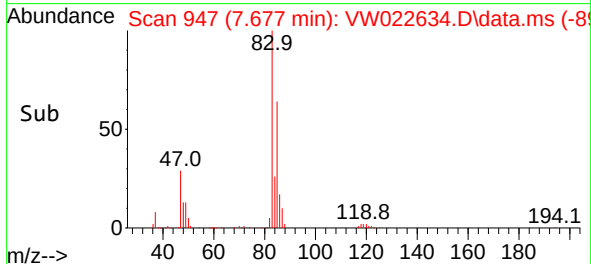
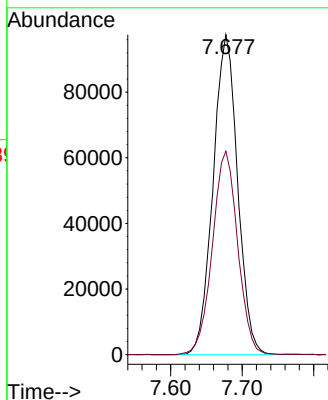
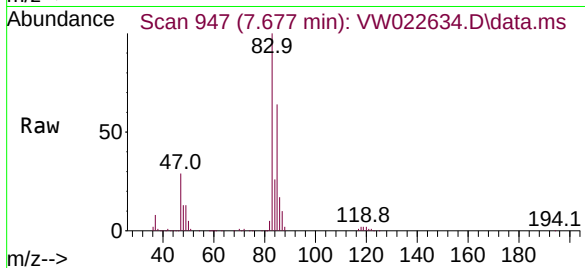
VSTD025501

Tgt Ion: 83 Resp: 232319

Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 22.220 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW022634.D

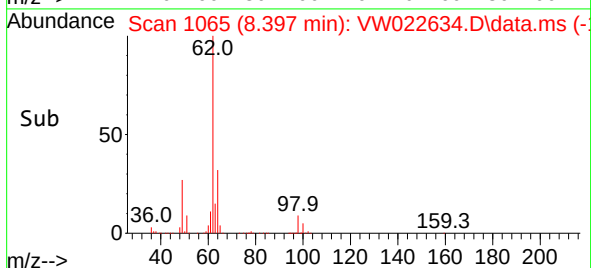
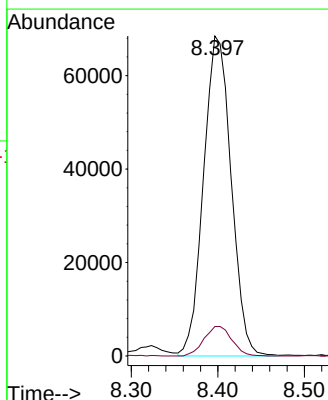
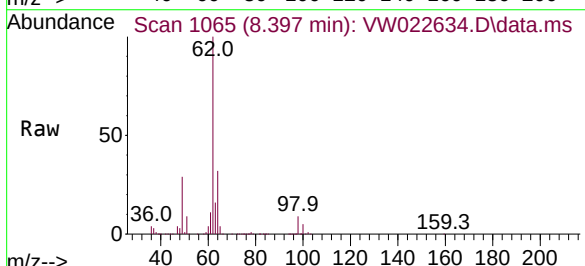
Acq: 27 Apr 2022 09:26

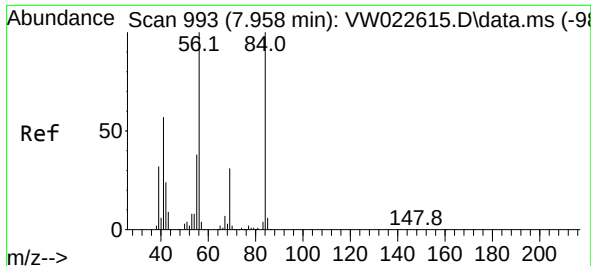
Tgt Ion: 62 Resp: 151810

Ion Ratio Lower Upper

62 100

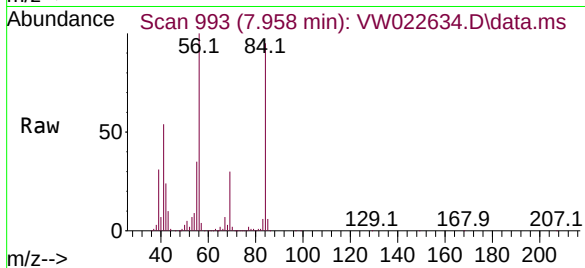
98 9.2 6.2 9.2



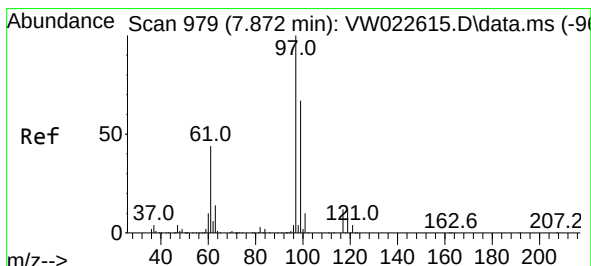
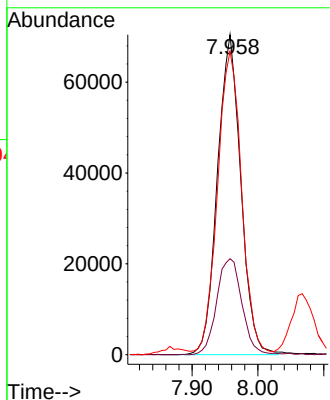
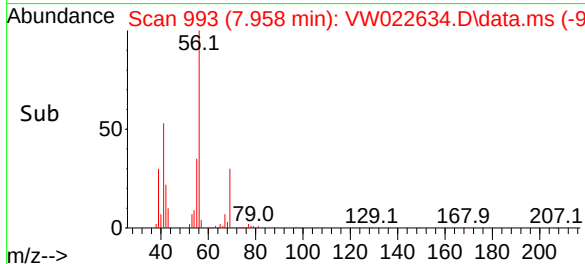


#29
Cyclohexane
Concen: 19.232 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

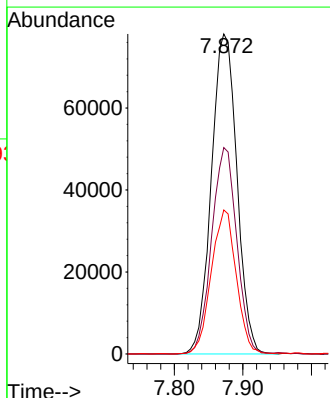
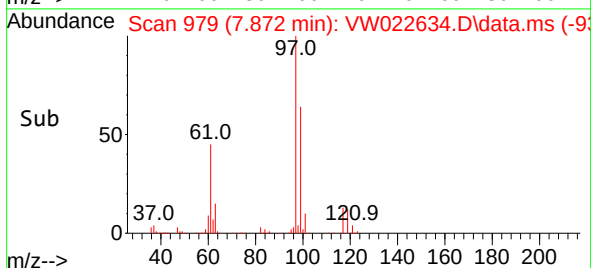
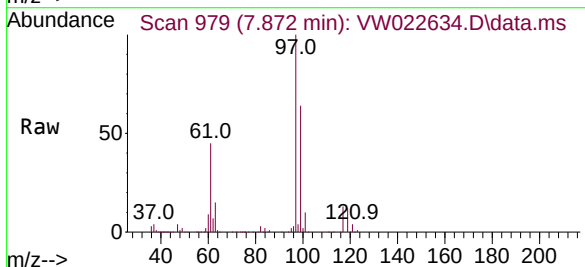


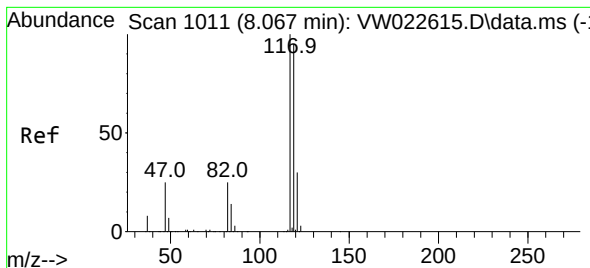
Tgt Ion: 56 Resp: 174003
Ion Ratio Lower Upper
56 100
69 32.4 24.4 36.6
84 98.2 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 23.046 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 97 Resp: 202086
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 43.9 38.7 58.1

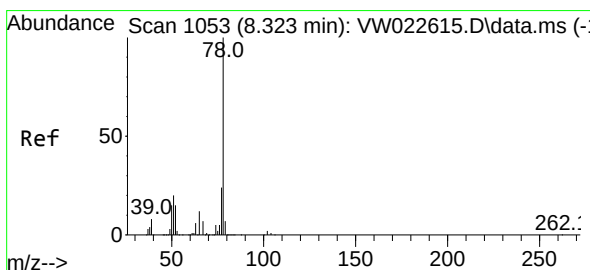
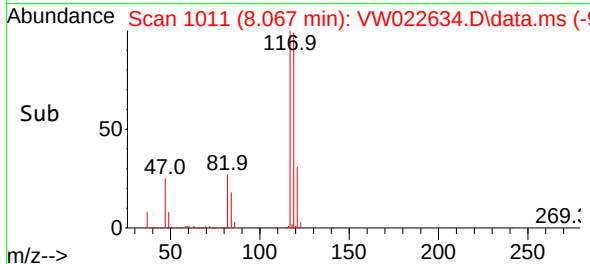
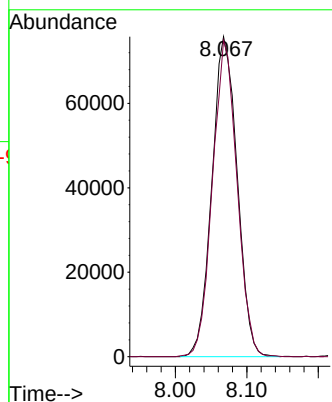
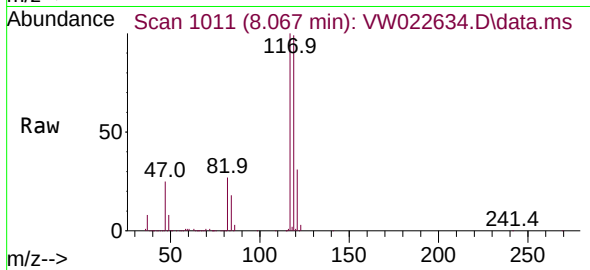




#31
Carbon tetrachloride
Concen: 23.605 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

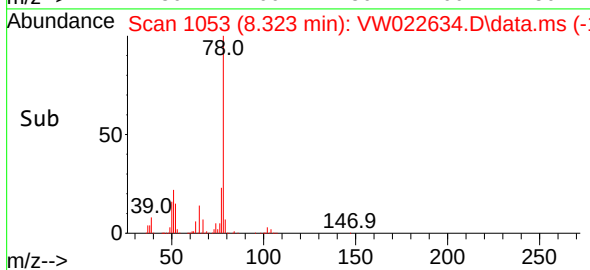
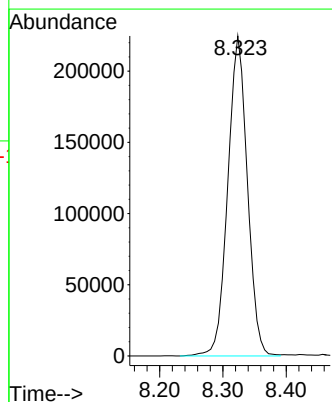
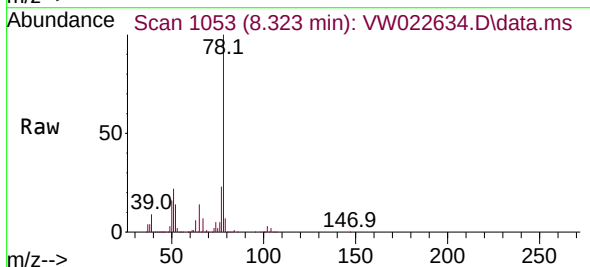
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

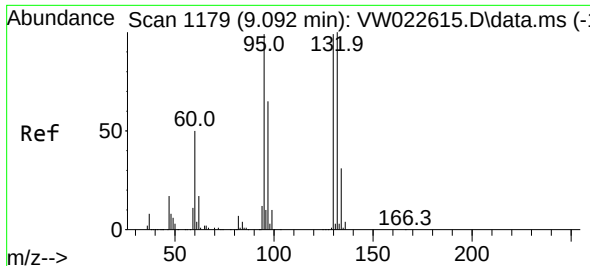
Tgt Ion:117 Resp: 185780
Ion Ratio Lower Upper
117 100
119 95.8 75.5 113.3



#33
Benzene
Concen: 22.523 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 78 Resp: 483380

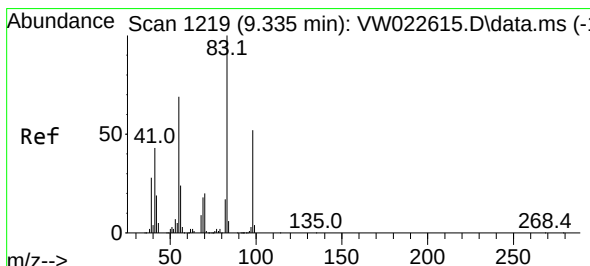
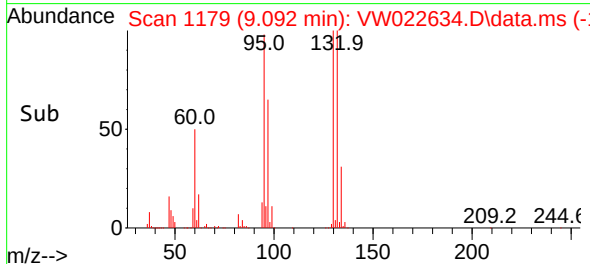
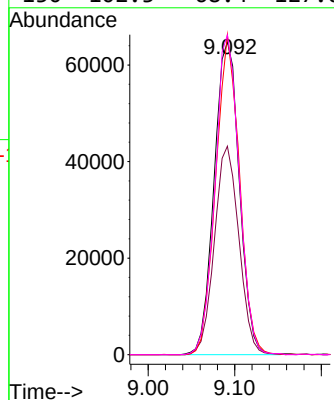
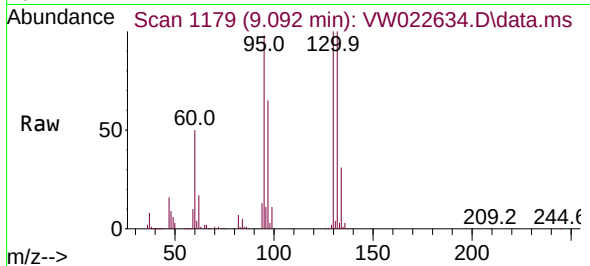




#34
Trichloroethene
Concen: 22.806 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

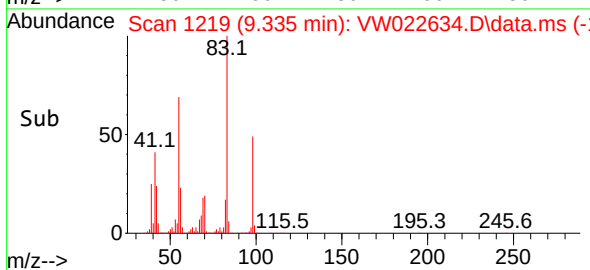
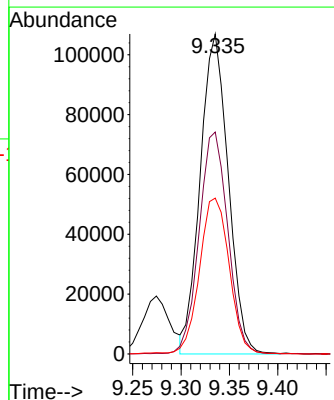
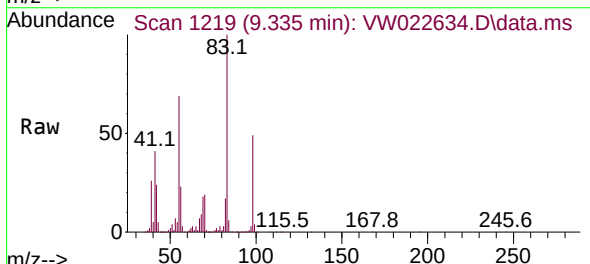
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

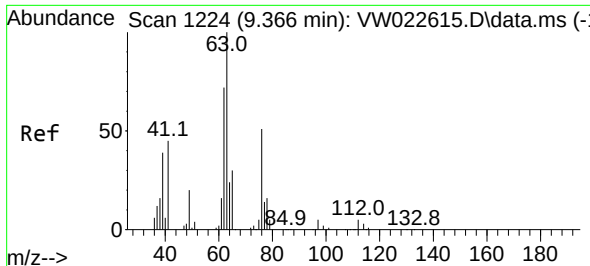
Tgt Ion: 95 Resp: 131054
Ion Ratio Lower Upper
95 100
97 66.7 46.4 86.2
132 102.4 67.4 125.2
130 102.3 68.4 127.0



#35
Methylcyclohexane
Concen: 20.936 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 83 Resp: 215853
Ion Ratio Lower Upper
83 100
55 70.9 61.0 91.6
98 51.4 39.2 58.8





#37

1,2-Dichloropropane

Concen: 22.987 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

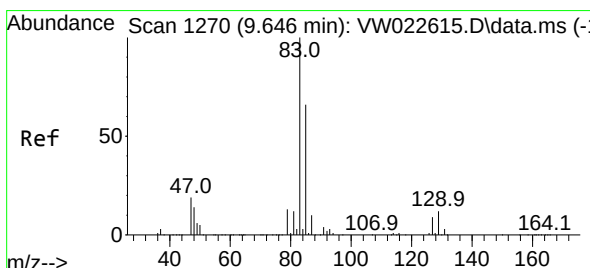
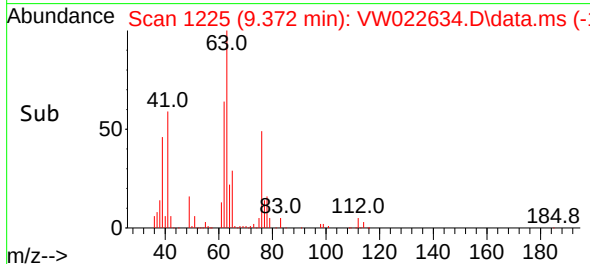
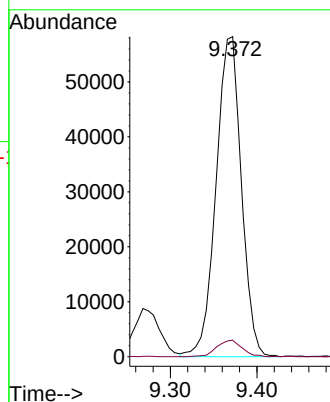
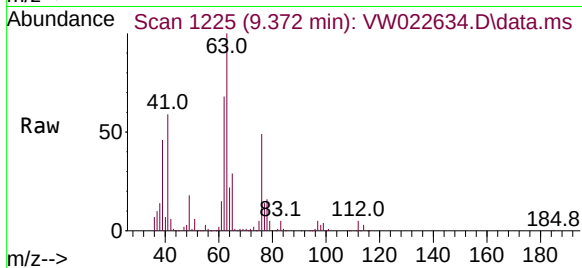
VSTD025501

Tgt Ion: 63 Resp: 118190

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 23.351 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

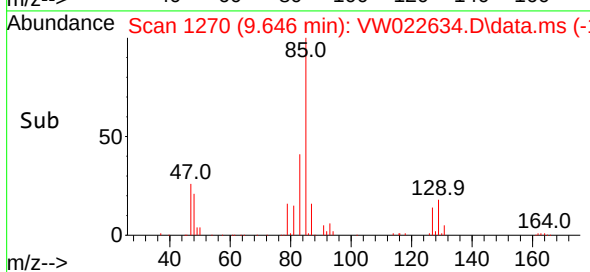
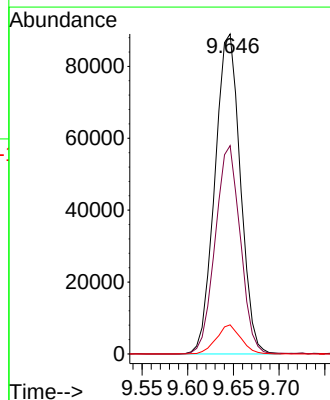
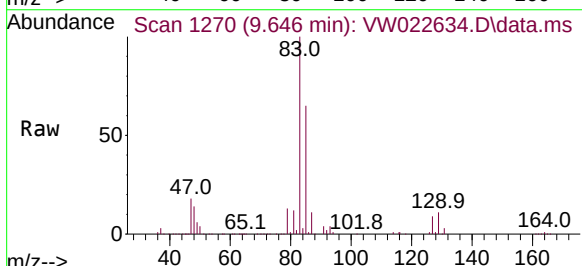
Tgt Ion: 83 Resp: 172654

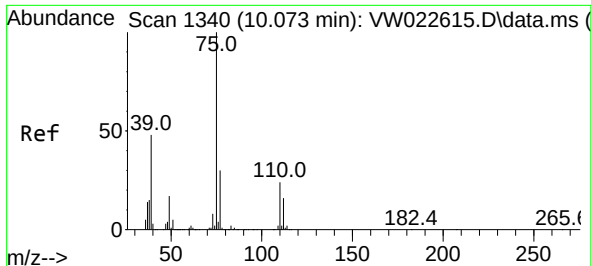
Ion Ratio Lower Upper

83 100

85 65.1 45.2 84.0

127 9.1 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 23.236 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

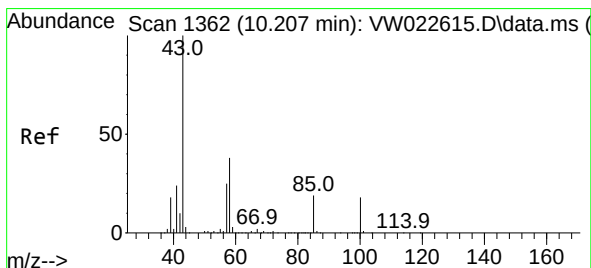
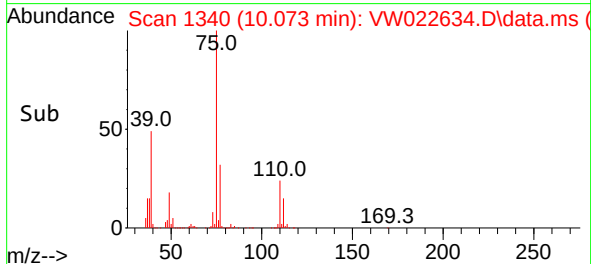
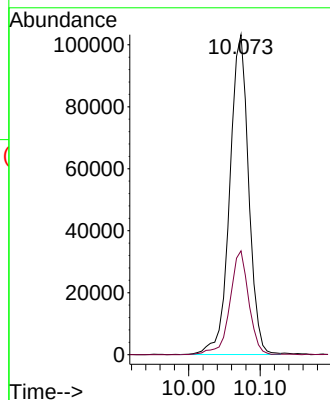
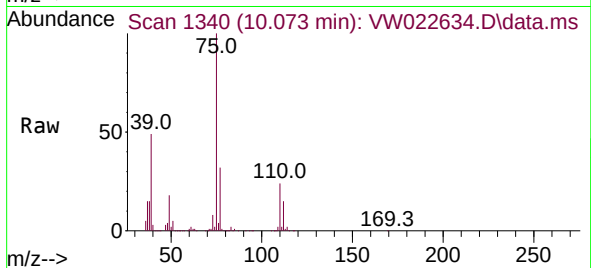
VSTD025501

Tgt Ion: 75 Resp: 189576

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 47.556 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

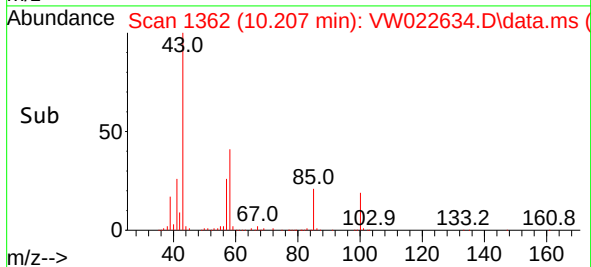
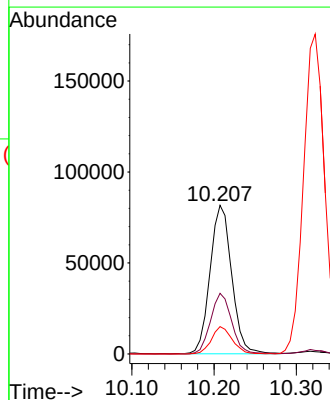
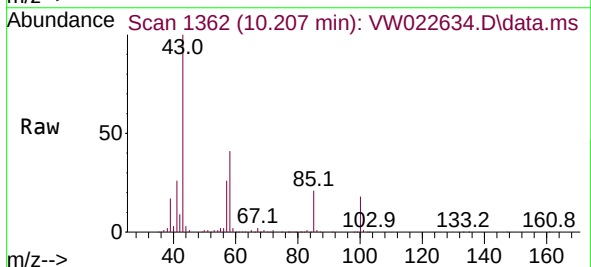
Tgt Ion: 43 Resp: 149218

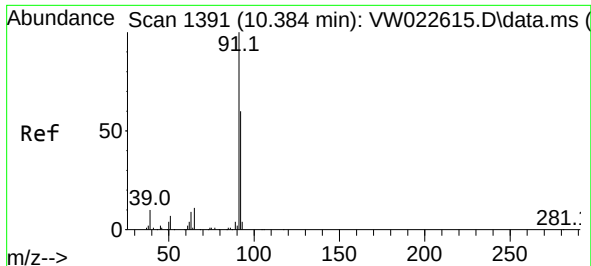
Ion Ratio Lower Upper

43 100

58 40.0 29.3 43.9

100 17.7 12.2 18.4

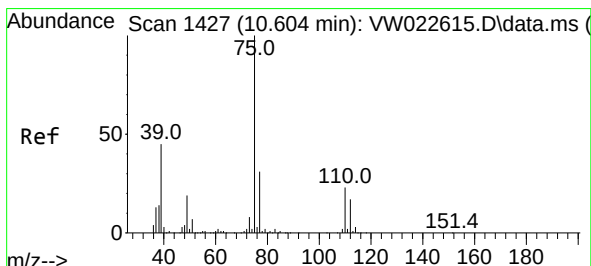
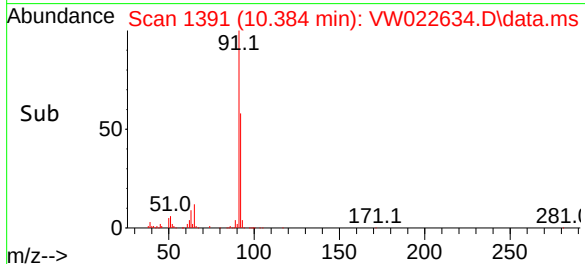
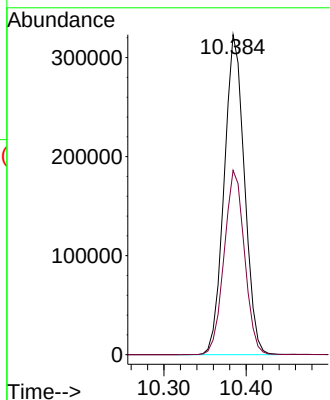
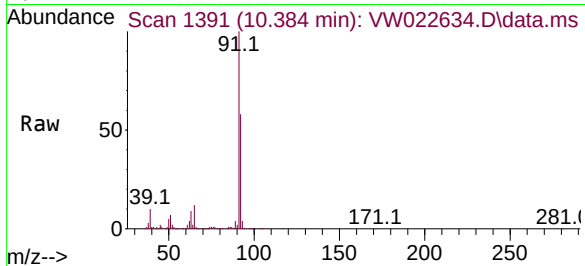




#42
Toluene
Concen: 22.554 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

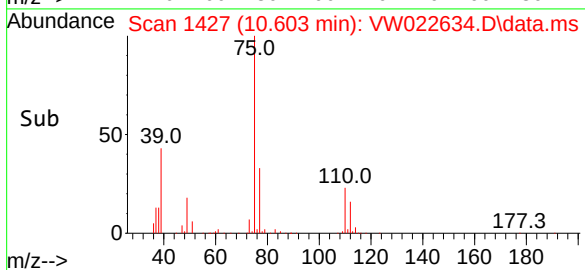
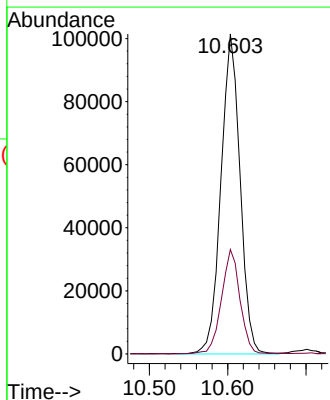
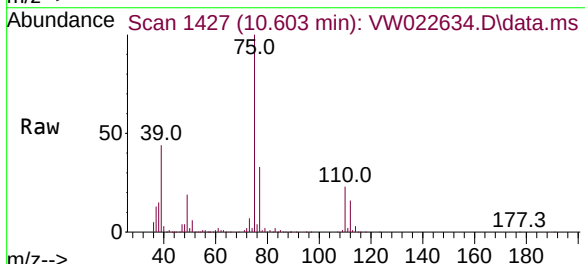
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

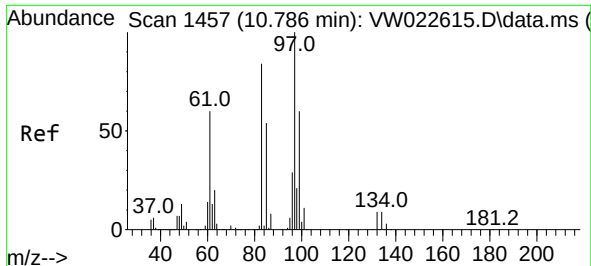
Tgt Ion: 91 Resp: 554657
Ion Ratio Lower Upper
91 100
92 57.6 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 23.589 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 75 Resp: 172323
Ion Ratio Lower Upper
75 100
77 32.7 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.340 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

Tgt Ion: 97 Resp: 99434

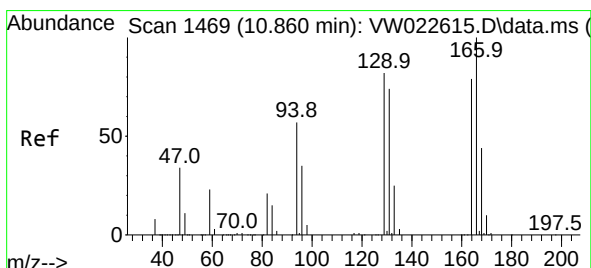
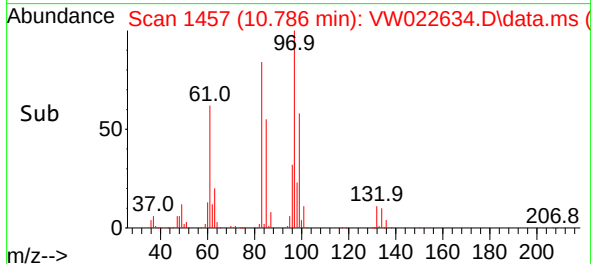
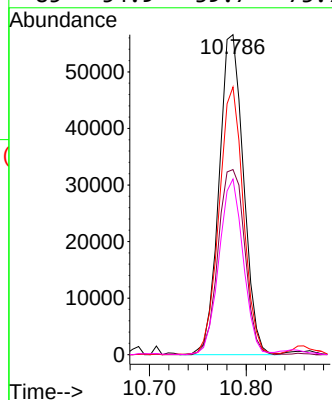
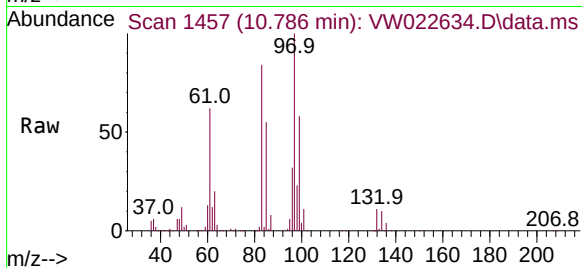
Ion Ratio Lower Upper

97 100

99 57.9 46.0 85.4

83 83.7 60.6 112.6

85 54.9 39.7 73.7



#46

Tetrachloroethene

Concen: 23.252 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Tgt Ion:164 Resp: 98219

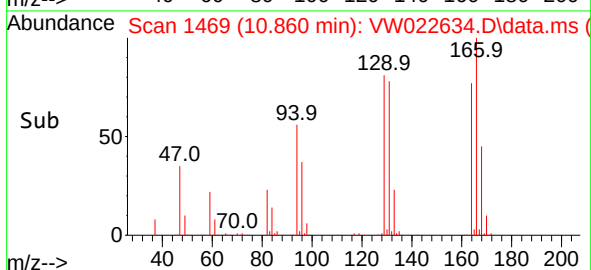
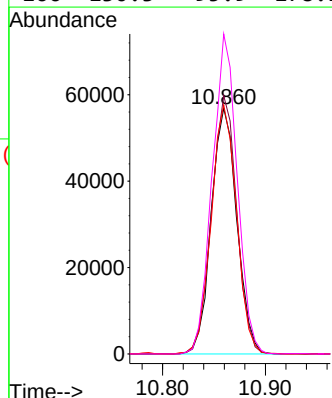
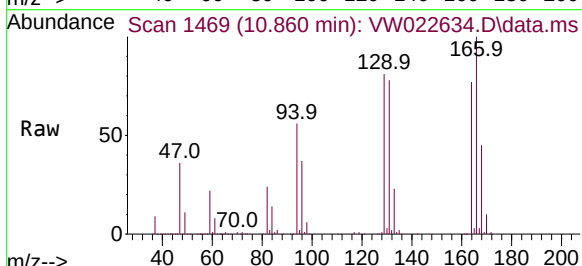
Ion Ratio Lower Upper

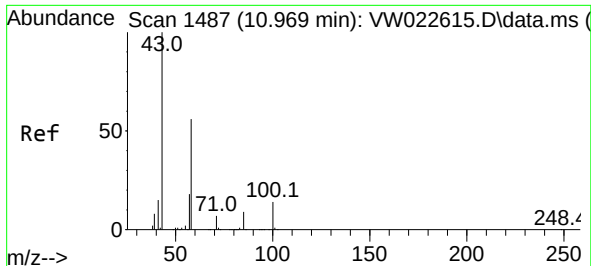
164 100

129 105.2 74.1 137.7

131 101.5 71.4 132.6

166 130.3 95.9 178.1

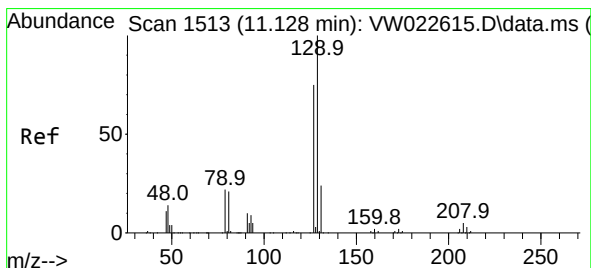
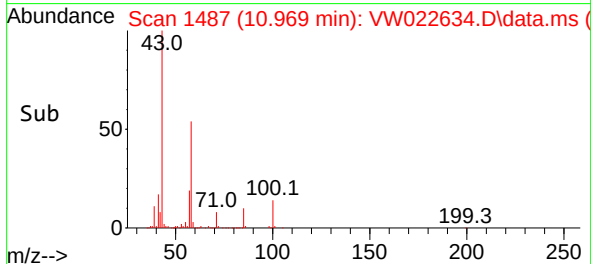
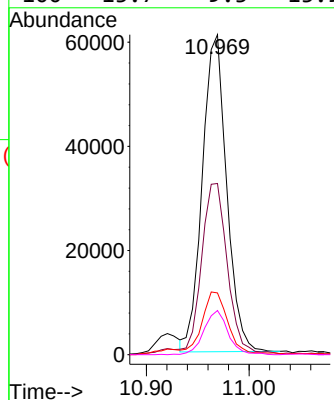
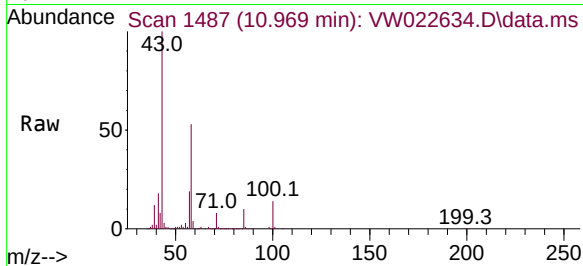




#48
2-Hexanone
Concen: 45.300 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

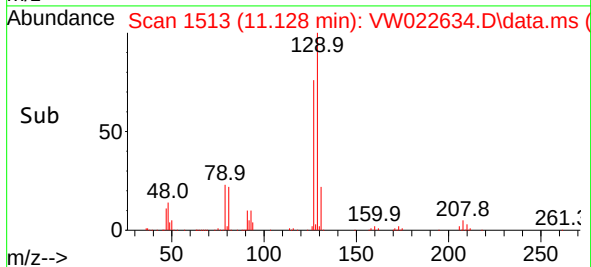
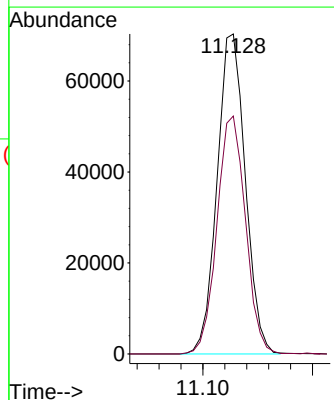
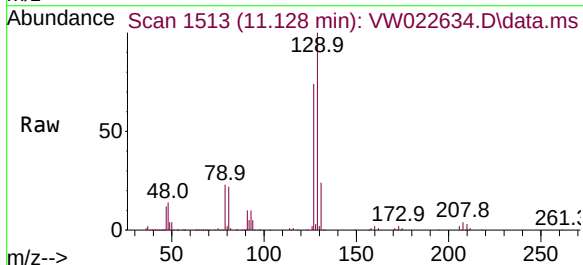
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

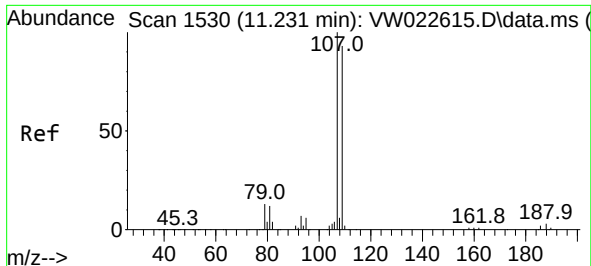
Tgt Ion: 43 Resp: 100279
Ion Ratio Lower Upper
43 100
58 57.0 41.6 62.4
57 20.6 14.5 21.7
100 13.7 9.3 13.9



#49
Dibromochloromethane
Concen: 26.880 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion:129 Resp: 125796
Ion Ratio Lower Upper
129 100
127 74.4 52.6 97.6





#50

1,2-Dibromoethane

Concen: 25.223 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

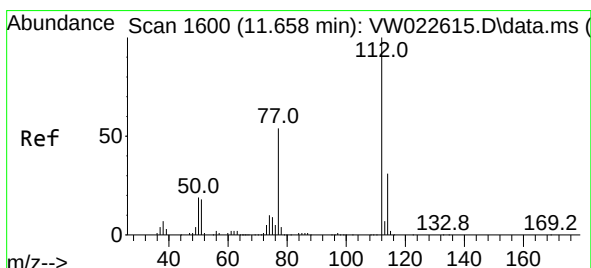
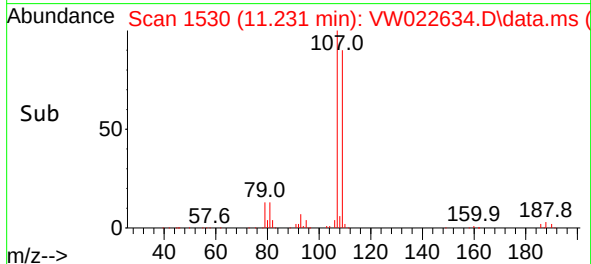
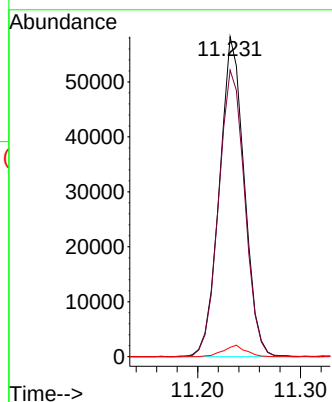
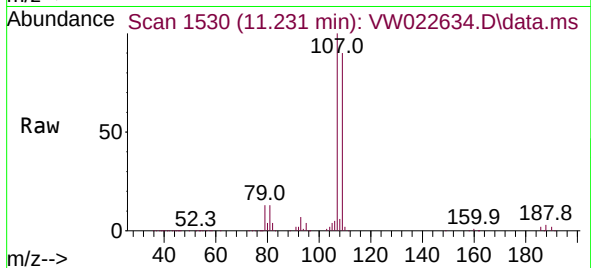
Tgt Ion:107 Resp: 97732

Ion Ratio Lower Upper

107 100

109 89.5 68.2 126.6

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 24.410 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

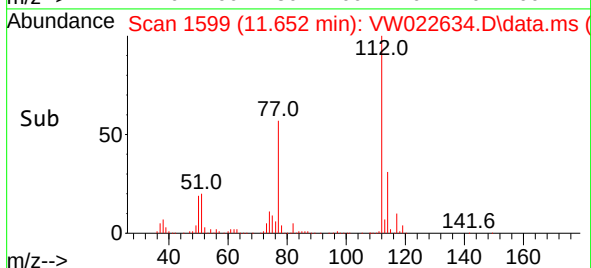
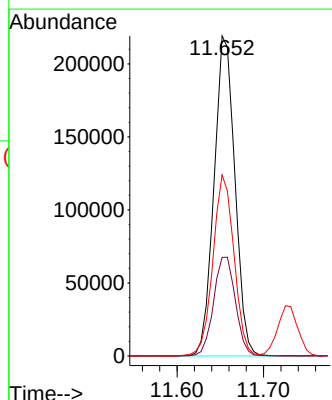
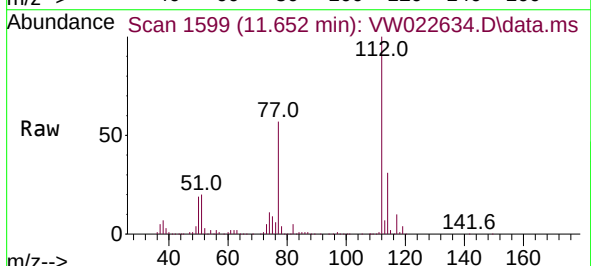
Tgt Ion:112 Resp: 366843

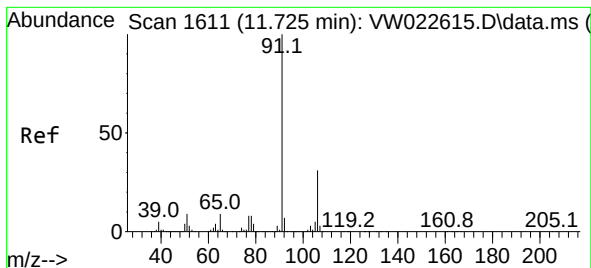
Ion Ratio Lower Upper

112 100

114 30.8 20.5 38.1

77 56.6 48.1 72.1

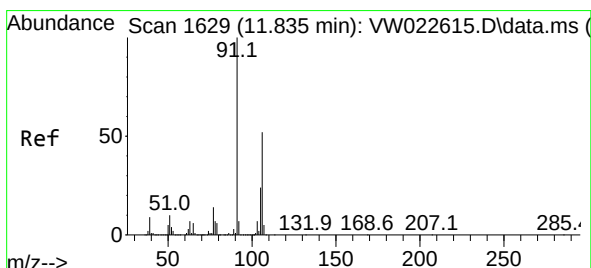
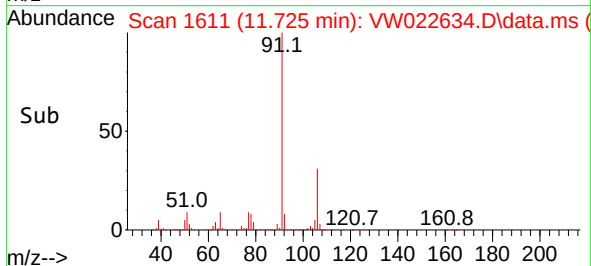
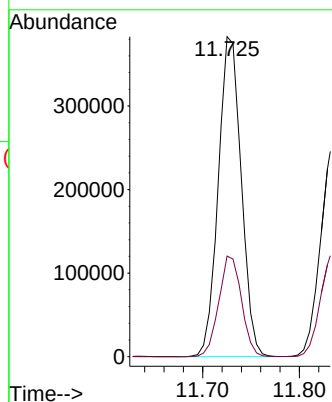
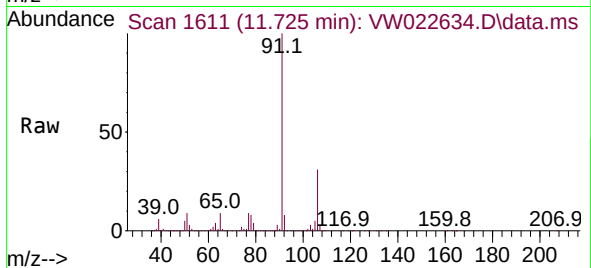




#52
Ethylbenzene
Concen: 22.868 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

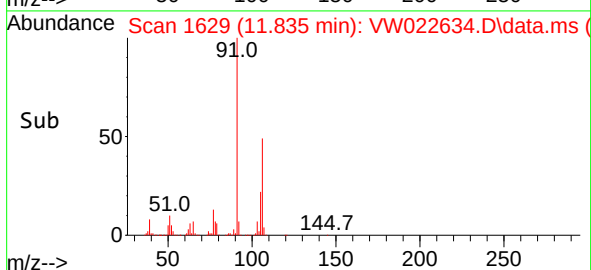
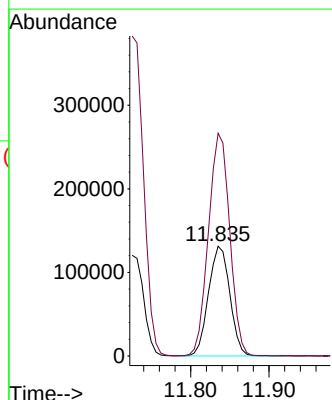
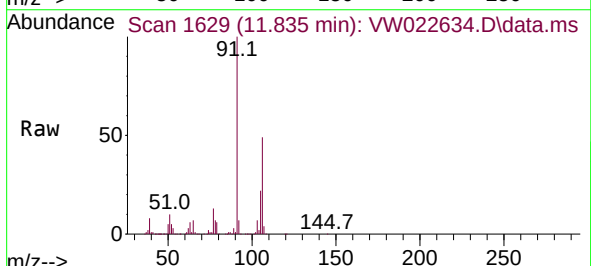
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

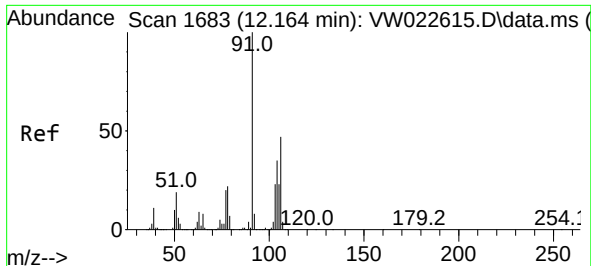
Tgt Ion: 91 Resp: 630363
Ion Ratio Lower Upper
91 100
106 31.5 20.5 38.1



#53
m,p-Xylene
Concen: 23.689 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 106 Resp: 248296
Ion Ratio Lower Upper
106 100
91 203.0 149.9 278.5

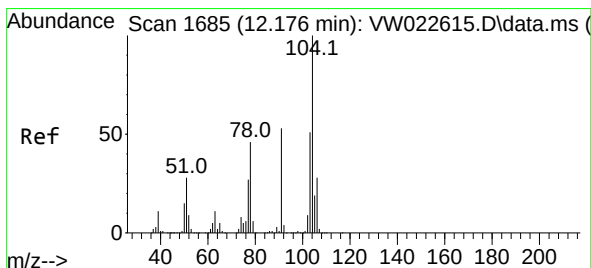
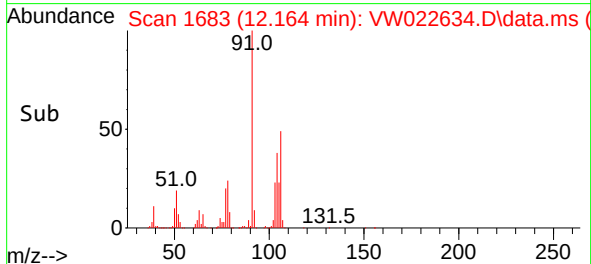
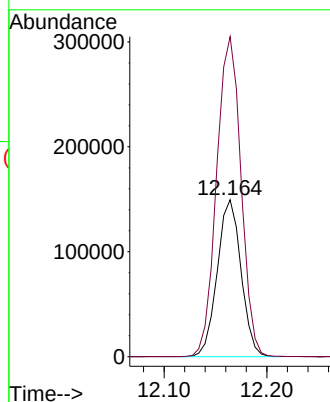
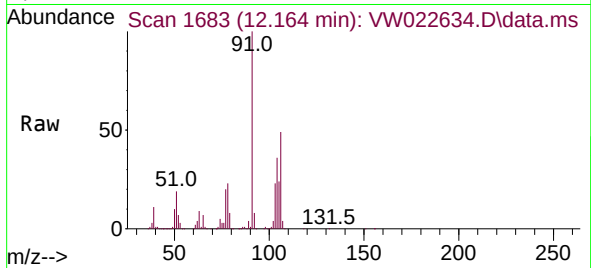




#54
o-Xylene
Concen: 23.983 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

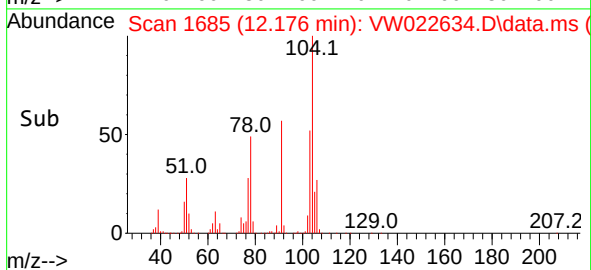
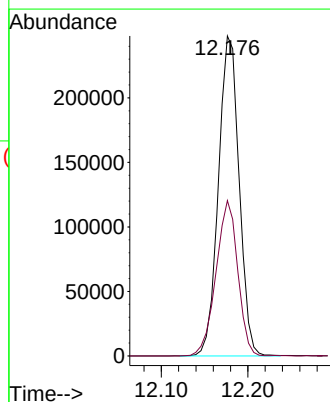
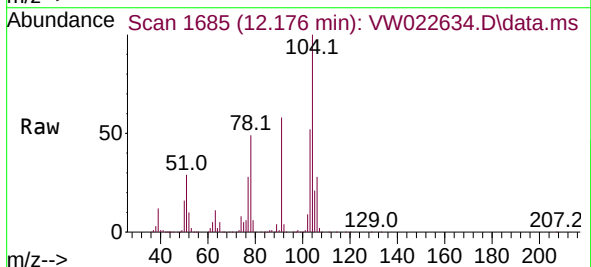
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

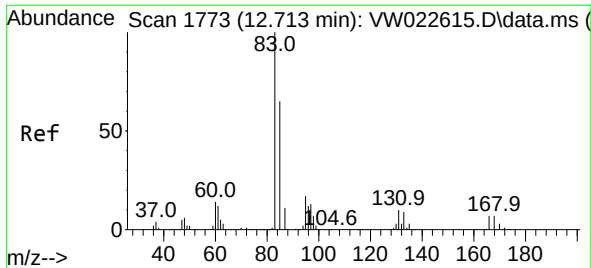
Tgt Ion:106 Resp: 240216
Ion Ratio Lower Upper
106 100
91 203.8 155.3 288.3



#55
Styrene
Concen: 24.026 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion:104 Resp: 411144
Ion Ratio Lower Upper
104 100
78 48.5 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 25.607 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

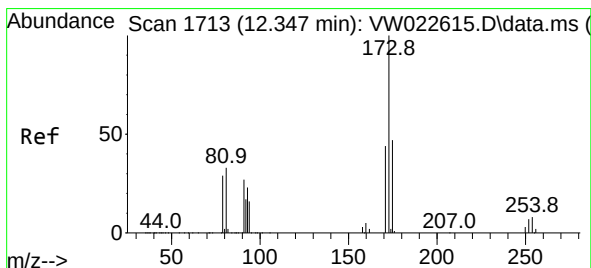
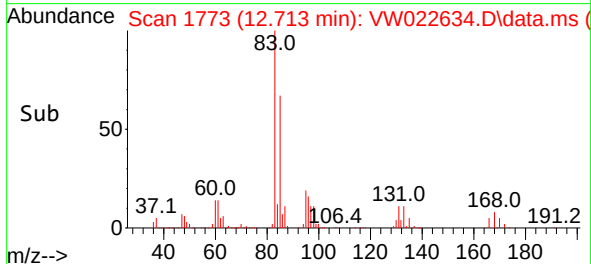
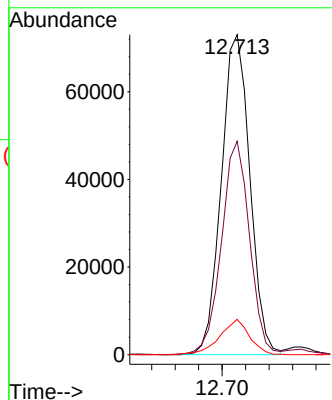
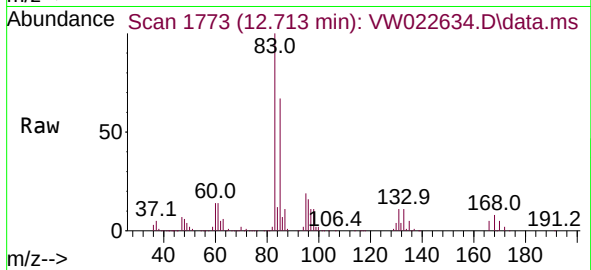
Tgt Ion: 83 Resp: 123329

Ion Ratio Lower Upper

83 100

85 66.7 45.5 84.5

131 11.0 7.8 11.8



#59

Bromoform

Concen: 24.808 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

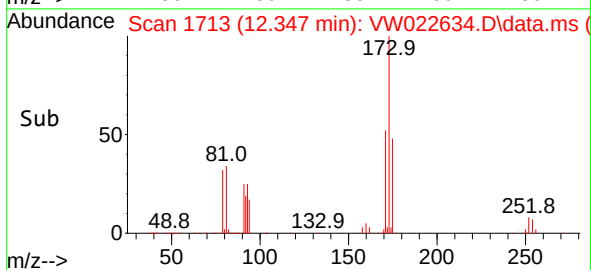
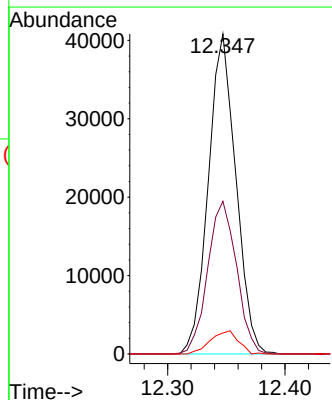
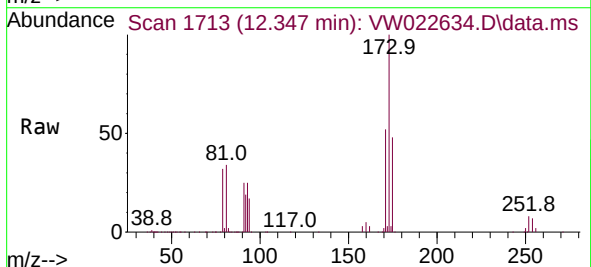
Tgt Ion:173 Resp: 66512

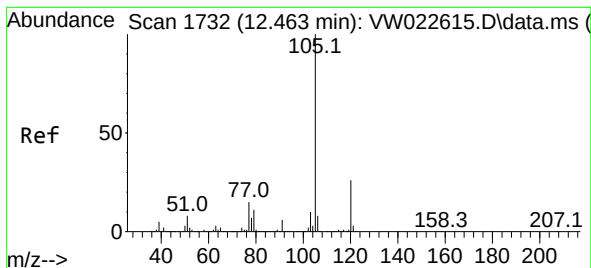
Ion Ratio Lower Upper

173 100

175 49.9 39.2 58.8

254 7.3 6.6 9.8

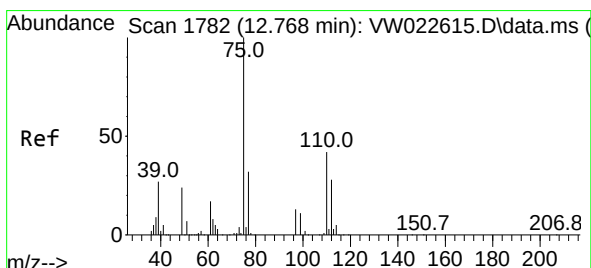
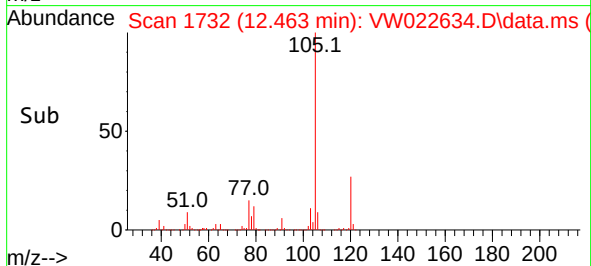
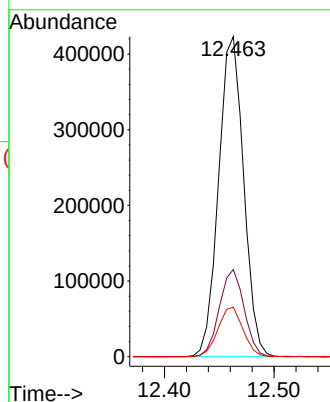
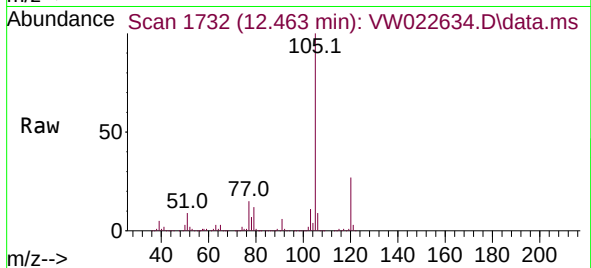




#60
Isopropylbenzene
Concen: 22.420 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

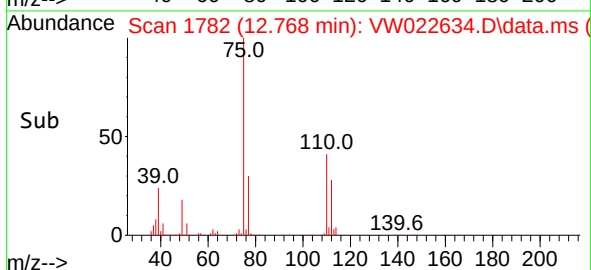
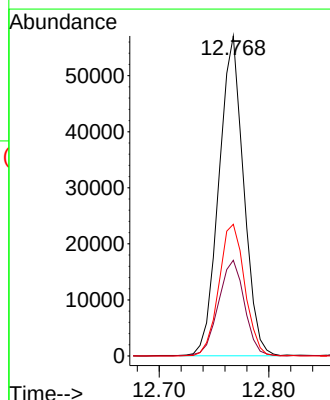
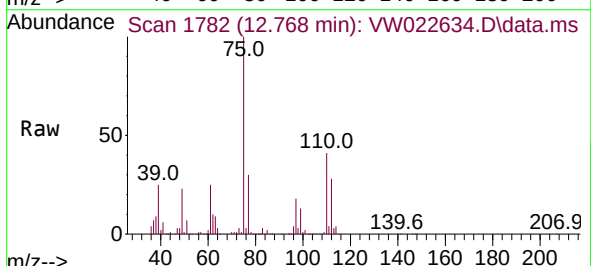
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

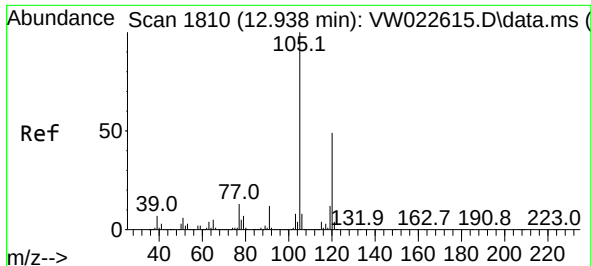
Tgt Ion:105 Resp: 671985
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 15.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.325 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion: 75 Resp: 89525
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
110 42.9 31.8 47.6

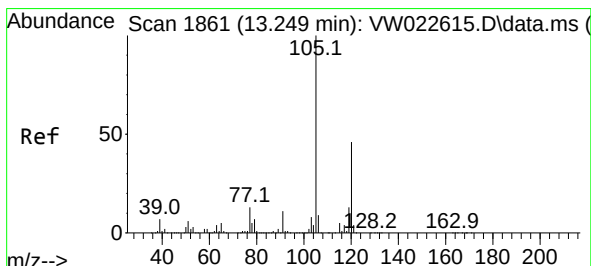
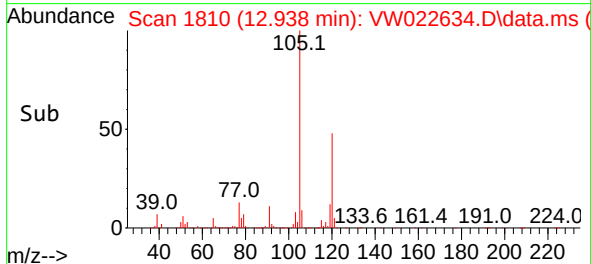
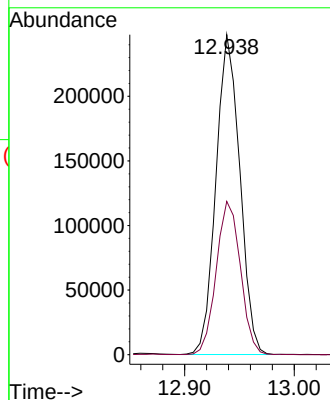
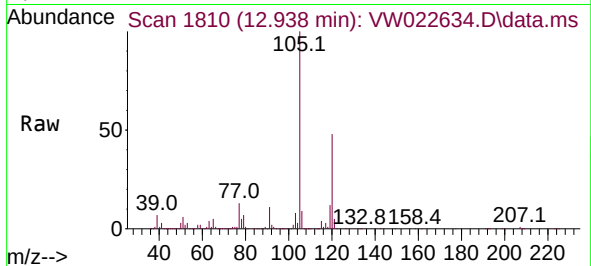




#62
1,3,5-Trimethylbenzene
Concen: 22.707 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

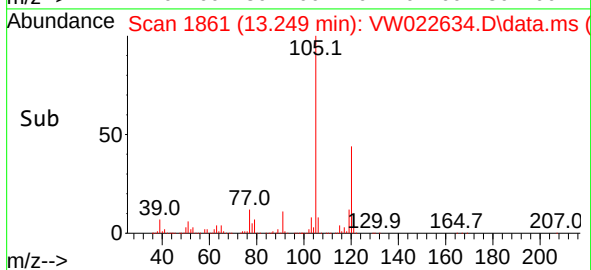
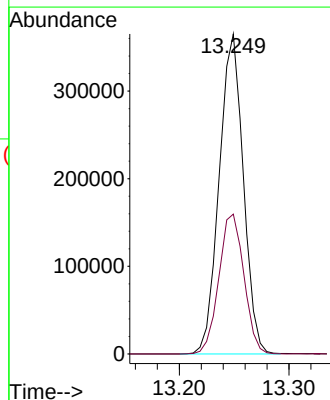
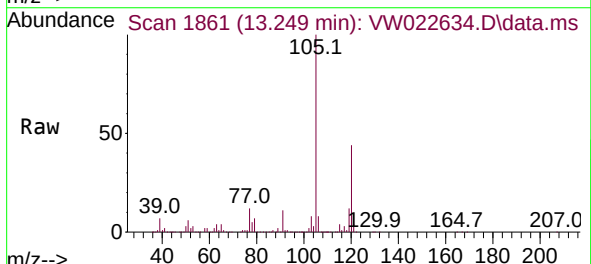
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

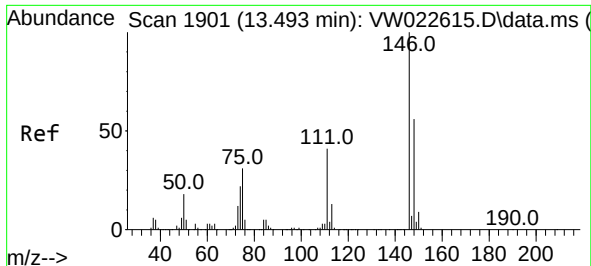
Tgt Ion:105 Resp: 374295
Ion Ratio Lower Upper
105 100
120 48.6 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 22.235 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion:105 Resp: 557349
Ion Ratio Lower Upper
105 100
120 45.4 34.2 51.2

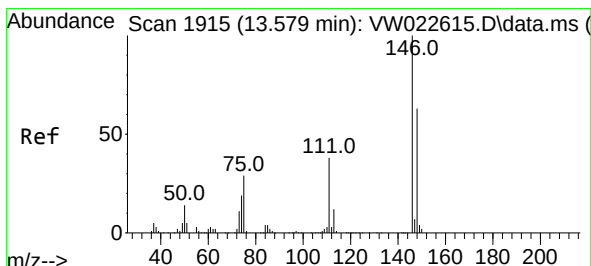
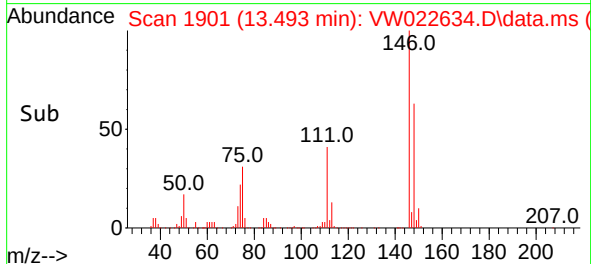
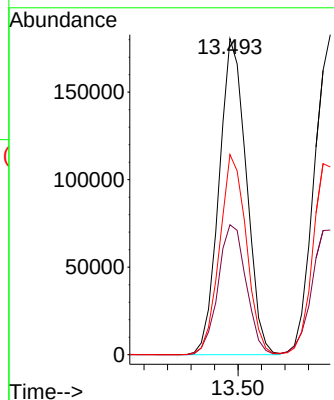
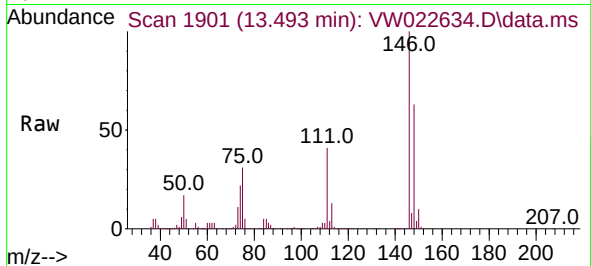




#64
1,3-Dichlorobenzene
Concen: 23.913 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

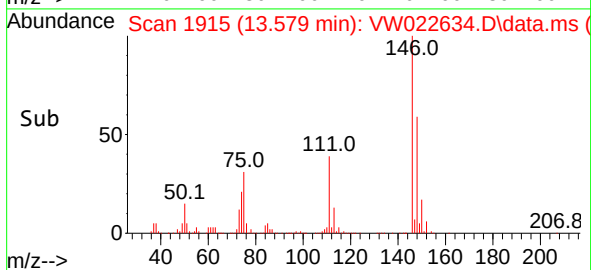
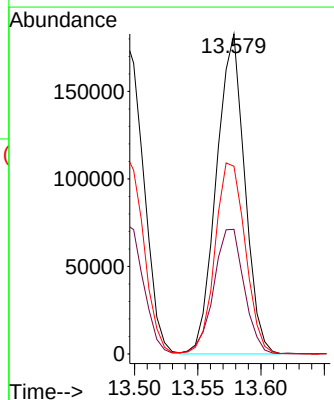
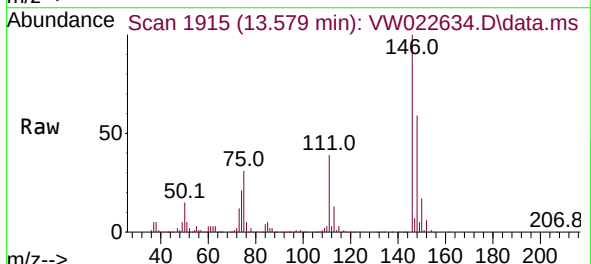
Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

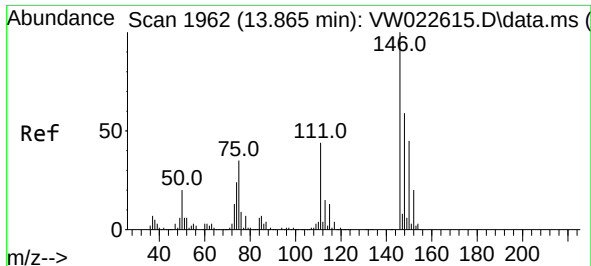
Tgt Ion:146 Resp: 290886
Ion Ratio Lower Upper
146 100
111 41.1 28.2 52.4
148 63.4 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 23.477 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion:146 Resp: 284806
Ion Ratio Lower Upper
146 100
111 39.0 28.5 52.9
148 58.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.367 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

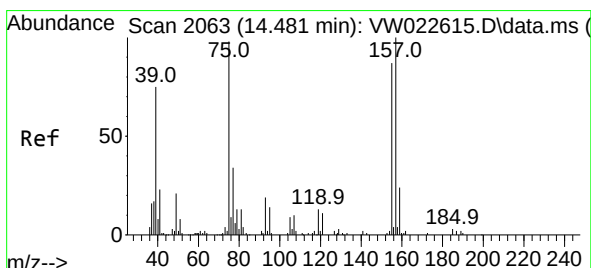
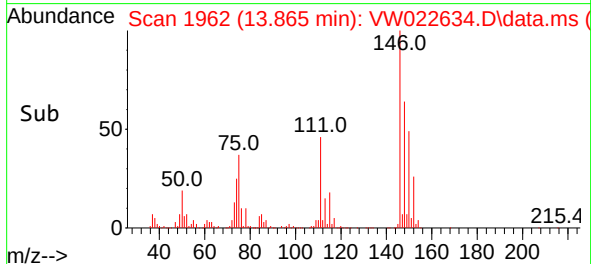
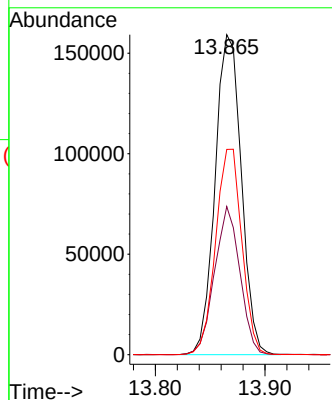
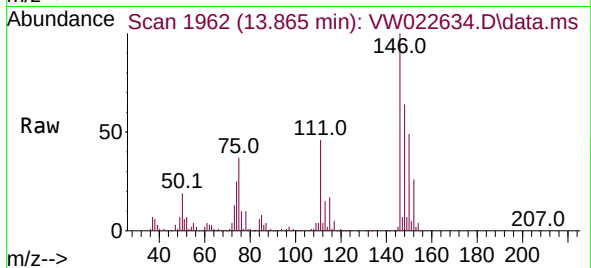
Tgt Ion:146 Resp: 265080

Ion Ratio Lower Upper

146 100

111 46.3 39.0 58.4

148 64.2 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.914 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

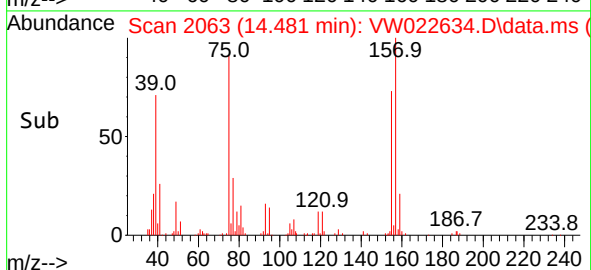
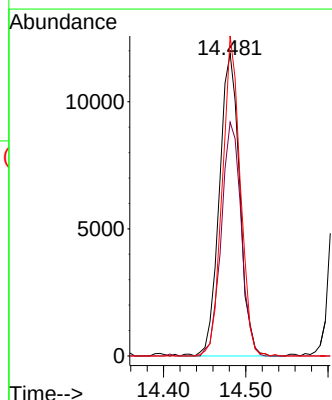
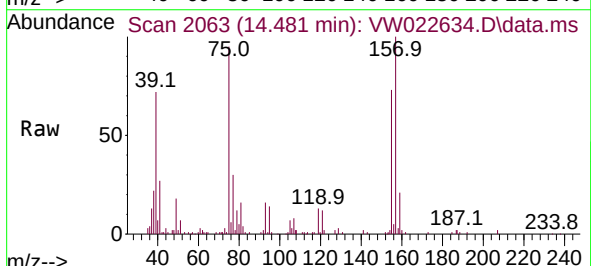
Tgt Ion: 75 Resp: 20397

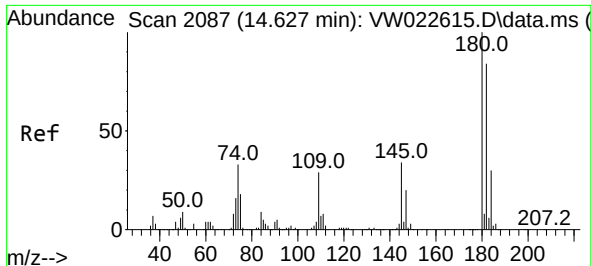
Ion Ratio Lower Upper

75 100

155 77.3 55.6 83.4

157 105.8 69.8 104.6#



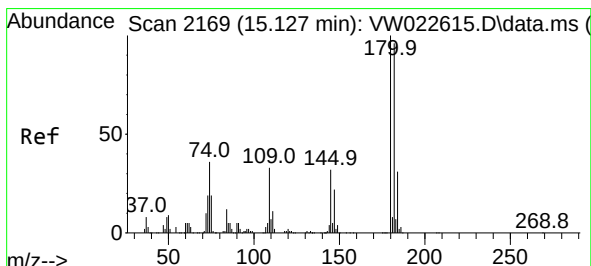
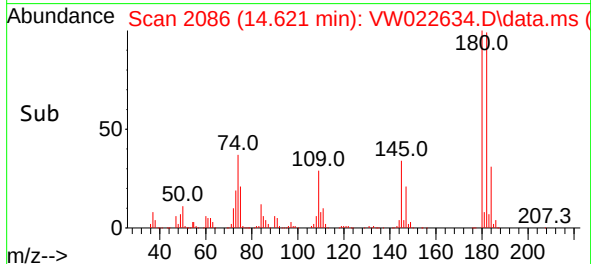
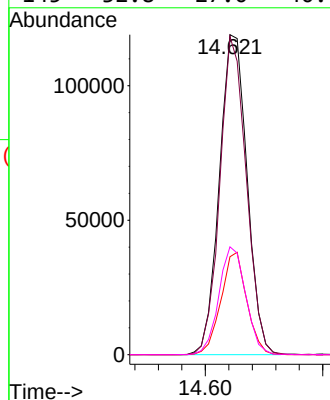
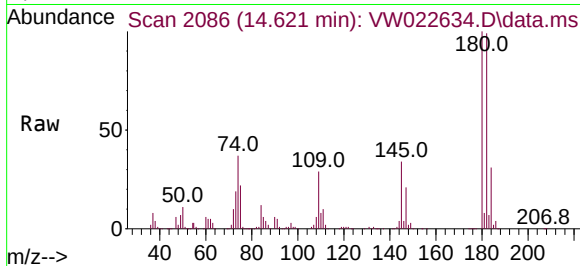


#69
1,3,5-Trichlorobenzene
Concen: 24.527 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

Tgt Ion:180 Resp: 194656

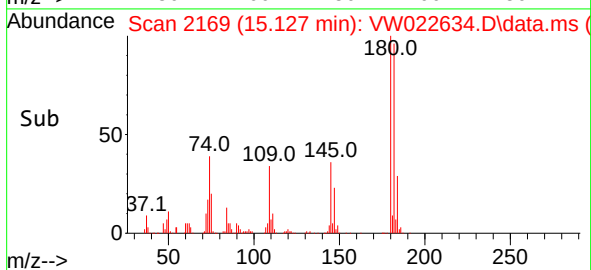
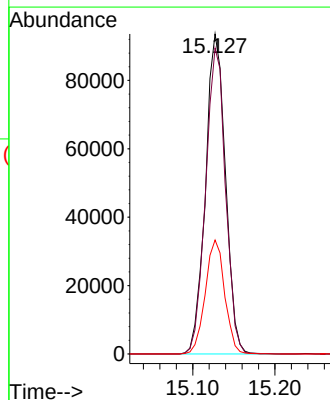
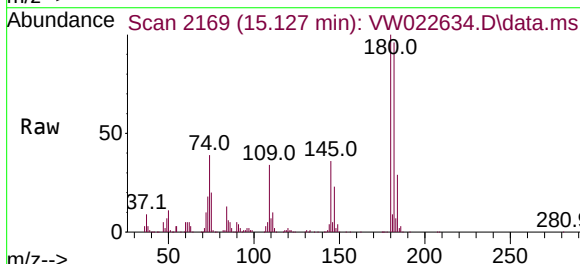
Ion	Ratio	Lower	Upper
180	100		
182	94.9	79.1	118.7
184	29.8	24.5	36.7
145	32.8	27.0	40.4

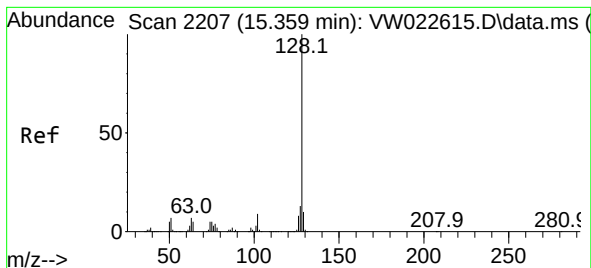


#70
1,2,4-trichlorobenzene
Concen: 23.702 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022634.D
Acq: 27 Apr 2022 09:26

Tgt Ion:180 Resp: 157986

Ion	Ratio	Lower	Upper
180	100		
182	95.1	72.8	109.2
145	34.5	25.5	38.3





#71

Naphthalene

Concen: 24.646 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025501

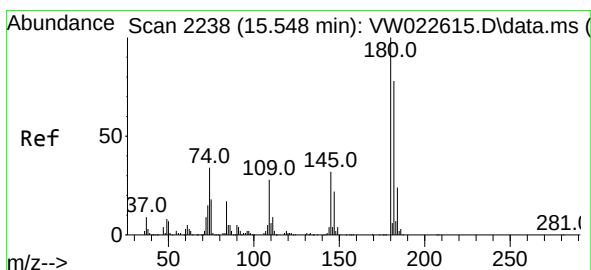
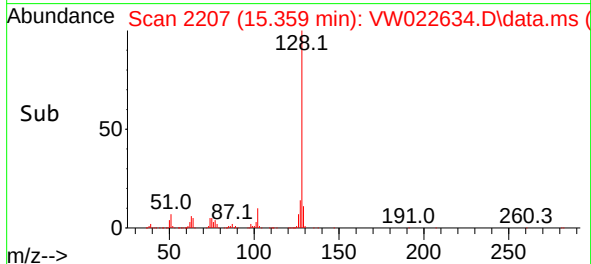
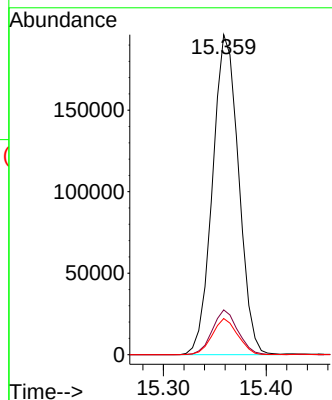
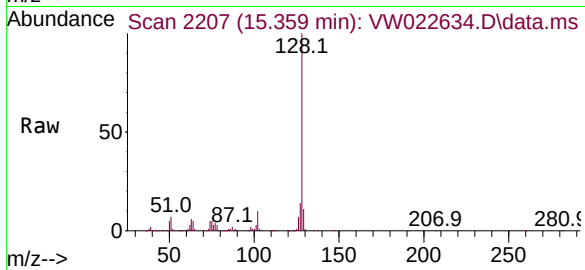
Tgt Ion:128 Resp: 346490

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.518 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022634.D

Acq: 27 Apr 2022 09:26

Tgt Ion:180 Resp: 139688

Ion Ratio Lower Upper

180 100

182 94.6 73.4 110.0

145 35.2 27.0 40.6

