

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022450.D
 Acq On : 08 Apr 2022 08:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: Apr 08 23:27:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:30:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	346569	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342191	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	186774	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169452	22.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
7) Chloroethane-d5	2.891	69	107045	22.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	4.019	63	229082	23.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	7.074	46	73863	55.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.440%
24) Chloroform-d	7.647	84	275494	25.432	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	8.305	65	161460	26.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.360%
32) Benzene-d6	8.275	84	508903	24.342	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.274	67	155705	25.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.960%
41) Toluene-d8	10.323	98	504987	24.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.640%
43) trans-1,3-Dichloroprop...	10.573	79	74049	25.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.720%
47) 2-Hexanone-d5	10.921	63	64634	57.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	149493	29.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.240%
66) 1,2-Dichlorobenzene-d4	13.847	152	180656	27.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30998	18.246	ug/L	96
3) Chloromethane	2.221	50	91585	21.622	ug/L	99
5) Vinyl chloride	2.367	62	208092	23.544	ug/L	98
6) Bromomethane	2.782	94	124084	23.095	ug/L	92
8) Chloroethane	2.922	64	90607	23.416	ug/L	99
9) Trichlorofluoromethane	3.263	101	75958	23.278	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	118821	22.868	ug/L	97
12) 1,1-Dichloroethene	4.038	96	111909	23.982	ug/L	92
13) Acetone	4.123	43	45569	50.036	ug/L	94
14) Carbon disulfide	4.385	76	363148	23.656	ug/L	98
15) Methyl Acetate	4.672	43	55986	24.497	ug/L	97
16) Methylene chloride	4.922	84	125431	24.052	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	130234	23.825	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	228061	25.546	ug/L	98
19) 1,1-Dichloroethane	6.214	63	239313	23.993	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	142519	24.686	ug/L #	95
22) 2-Butanone	7.171	43	72289	52.555	ug/L	99
23) Bromochloromethane	7.513	128	61697	24.831	ug/L	94
25) Chloroform	7.677	83	257350	24.497	ug/L	99

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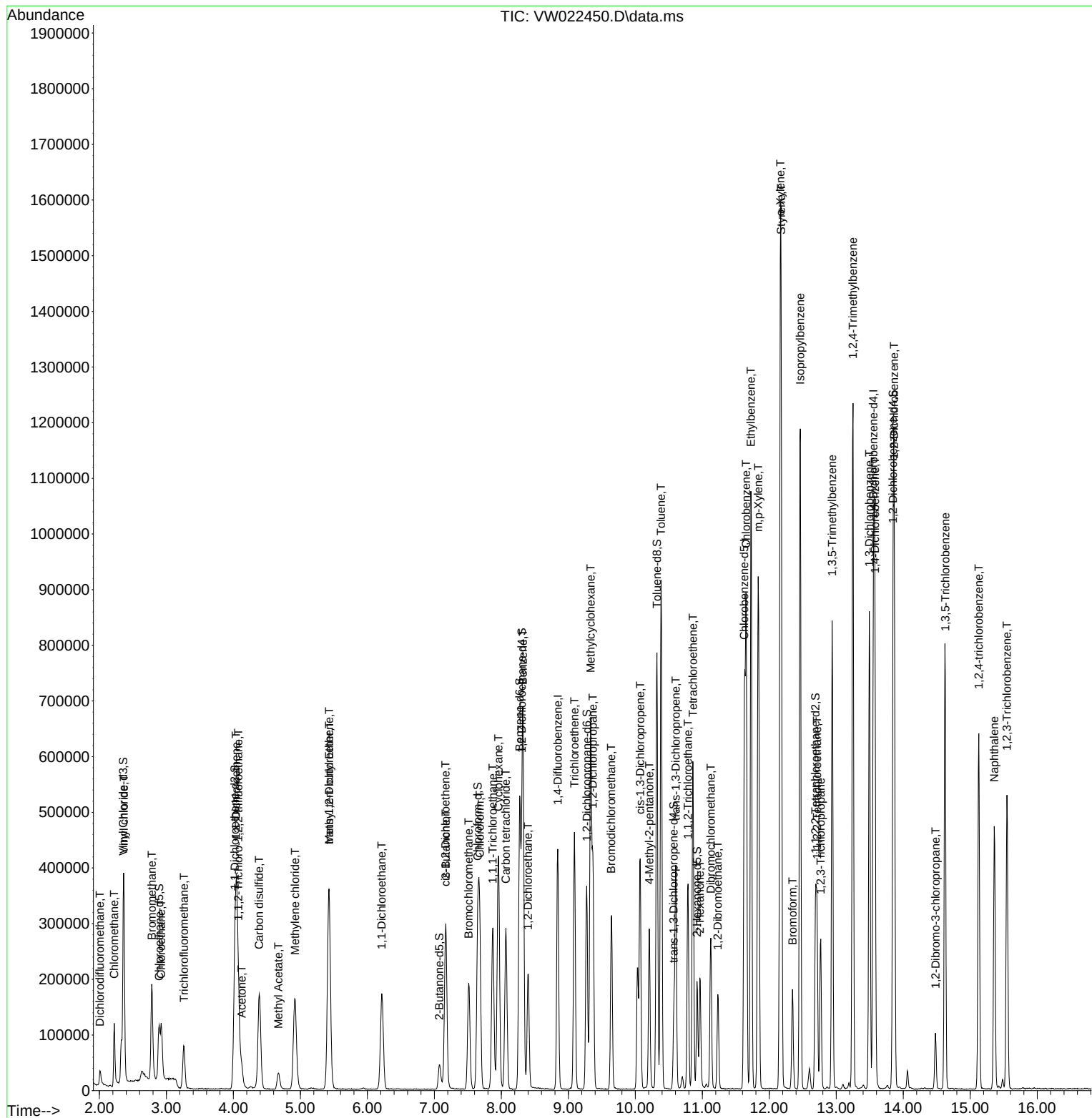
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	187317	25.369	ug/L	99
29) Cyclohexane	7.958	56	229758	23.460	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	225432	23.749	ug/L	99
31) Carbon tetrachloride	8.067	117	201785	23.685	ug/L	99
33) Benzene	8.323	78	555480	23.910	ug/L	100
34) Trichloroethene	9.092	95	150419	24.181	ug/L	94
35) Methylcyclohexane	9.335	83	265485	23.788	ug/L	99
37) 1,2-Dichloropropane	9.366	63	137694	24.740	ug/L	98
38) Bromodichloromethane	9.640	83	199414	24.915	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	229492	25.985	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	178657	52.598	ug/L	97
42) Toluene	10.384	91	645580	24.250	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	208759	26.399	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109370	25.748	ug/L	96
46) Tetrachloroethene	10.860	164	111216	24.322	ug/L	95
48) 2-Hexanone	10.963	43	123983	51.740	ug/L	96
49) Dibromochloromethane	11.128	129	132006	26.057	ug/L	97
50) 1,2-Dibromoethane	11.231	107	108846	25.950	ug/L	99
51) Chlorobenzene	11.652	112	406783	25.004	ug/L	98
52) Ethylbenzene	11.725	91	740280	24.808	ug/L	96
53) m,p-Xylene	11.835	106	286539	25.254	ug/L	84
54) o-Xylene	12.164	106	272940	25.173	ug/L	98
55) Styrene	12.176	104	477420	25.773	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	140601	26.968	ug/L	98
59) Bromoform	12.347	173	69227	24.943	ug/L	99
60) Isopropylbenzene	12.463	105	766480	24.704	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104186	26.223	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	428560	25.116	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	658266	25.370	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	315324	25.042	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	308589	24.573	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	288123	25.586	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24353	26.429	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	207552	25.263	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	169395	24.551	ug/L	94
71) Naphthalene	15.359	128	381966	26.247	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	148754	25.222	ug/L	96

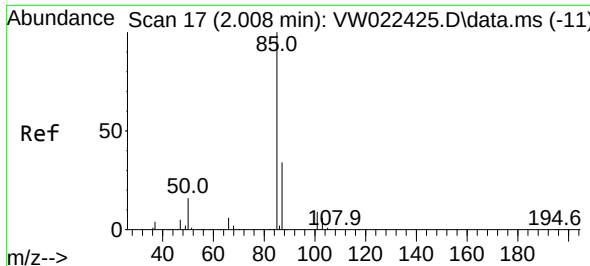
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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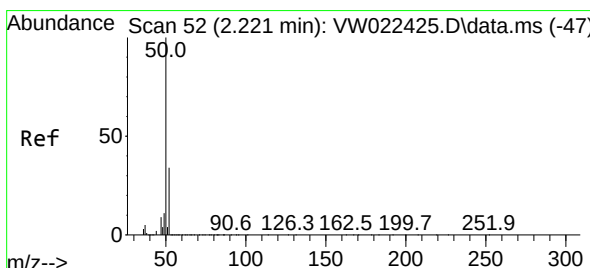
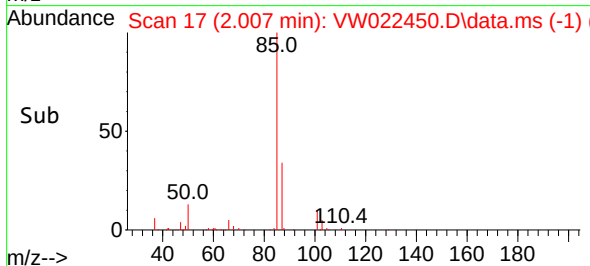
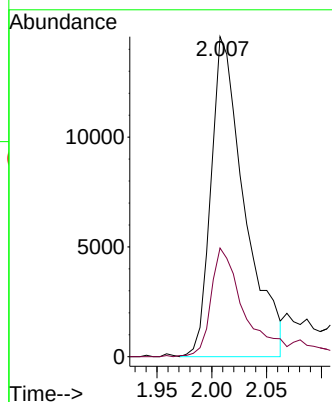
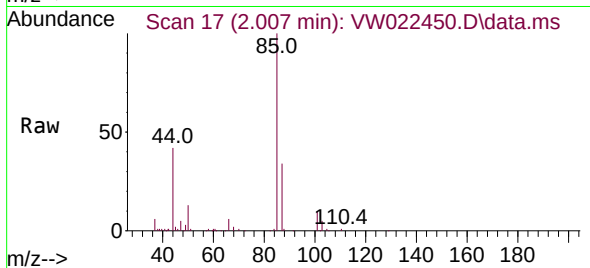




#2
Dichlorodifluoromethane
Concen: 18.246 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

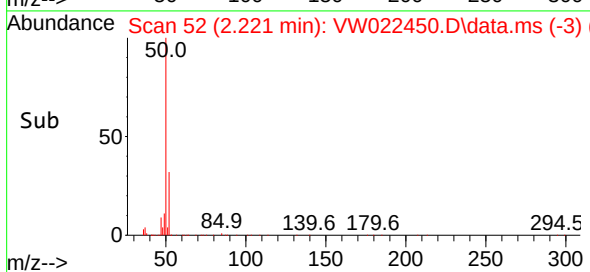
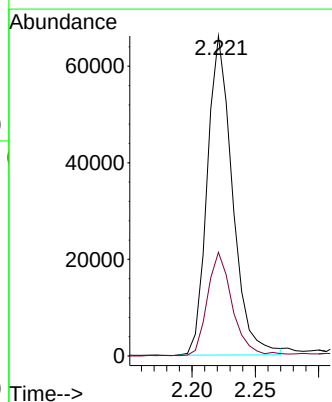
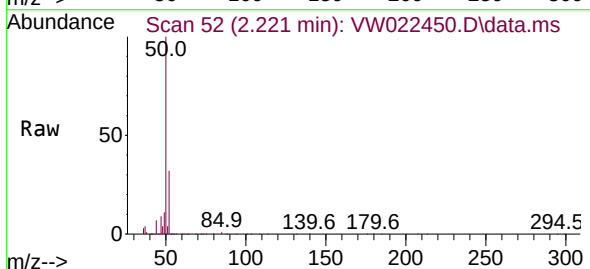
Instrument :
MSVOA_W
ClientSampleId :
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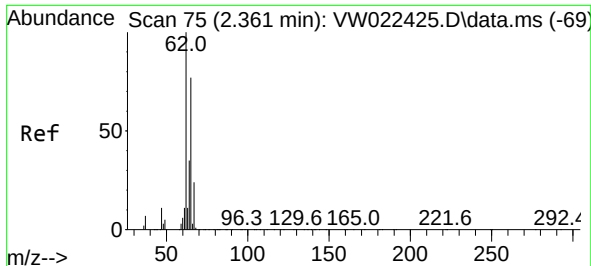
Tgt Ion: 85 Resp: 30998
Ion Ratio Lower Upper
85 100
87 31.9 23.7 35.5



#3
Chloromethane
Concen: 21.622 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 50 Resp: 91585
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.6

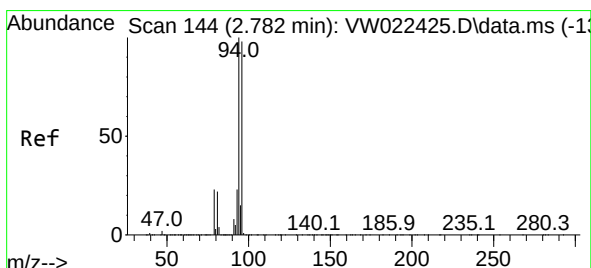
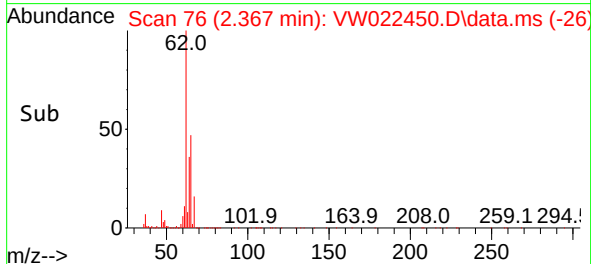
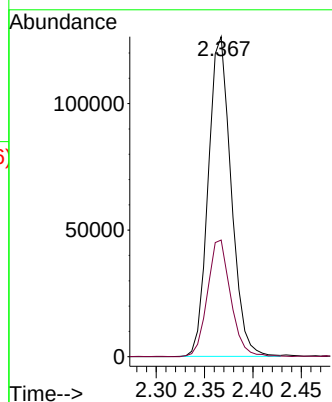
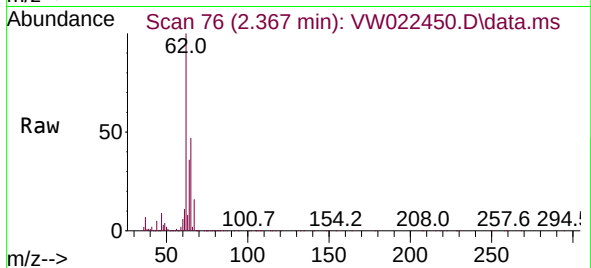




#5
 Vinyl chloride
 Concen: 23.544 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW022450.D
 Acq: 08 Apr 2022 08:48

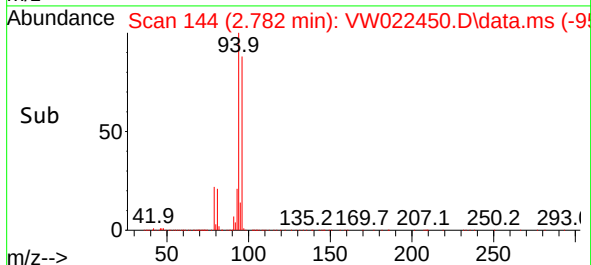
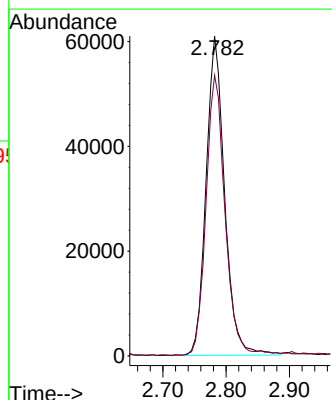
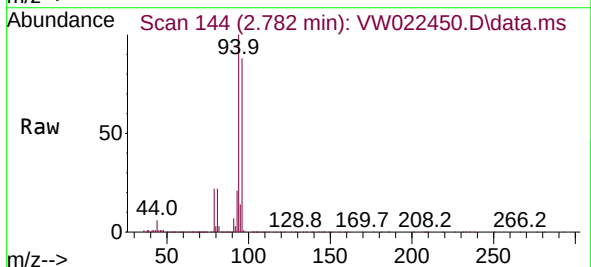
Instrument :
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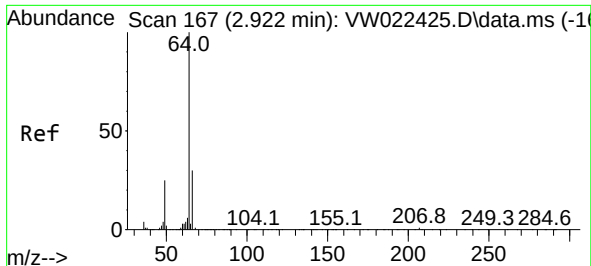
Tgt Ion: 62 Resp: 208092
 Ion Ratio Lower Upper
 62 100
 64 36.5 26.5 49.3



#6
 Bromomethane
 Concen: 23.095 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022450.D
 Acq: 08 Apr 2022 08:48

Tgt Ion: 94 Resp: 124084
 Ion Ratio Lower Upper
 94 100
 96 87.7 66.6 123.6

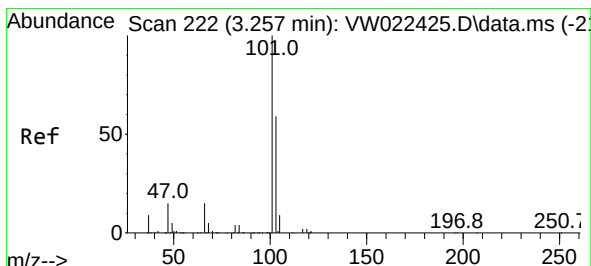
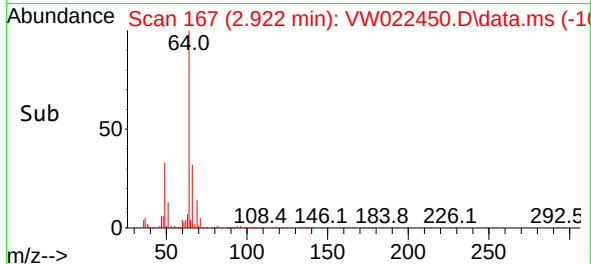
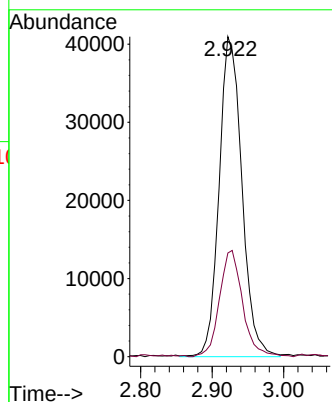
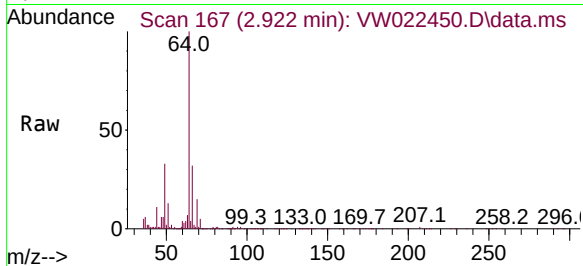




#8
Chloroethane
Concen: 23.416 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

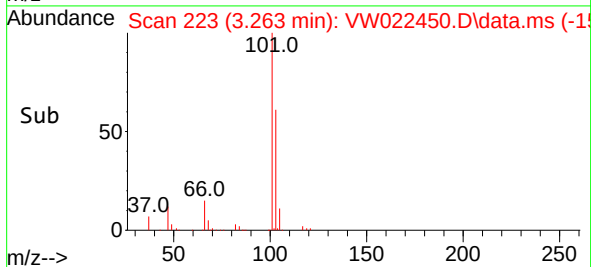
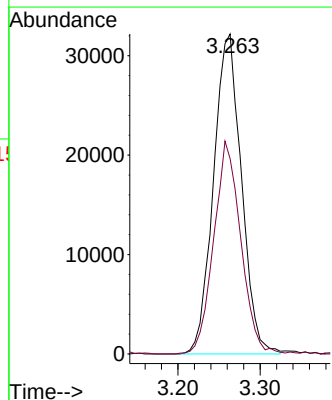
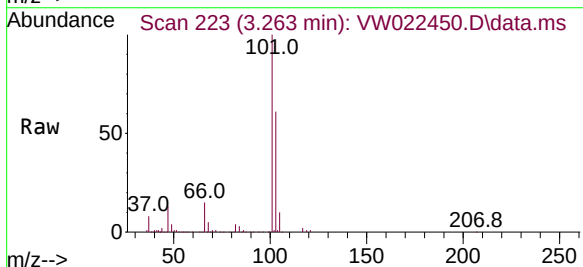
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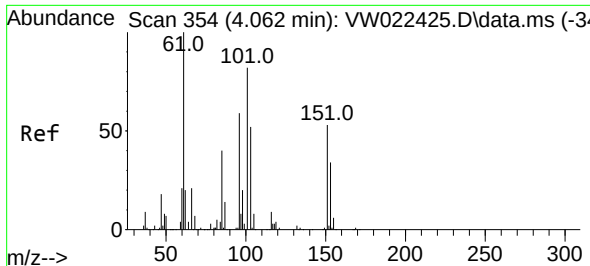
Tgt Ion: 64 Resp: 90607
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.278 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 101 Resp: 75958
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0

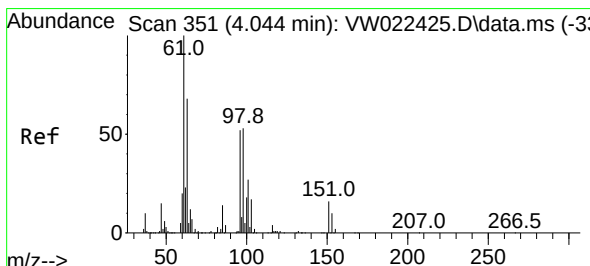
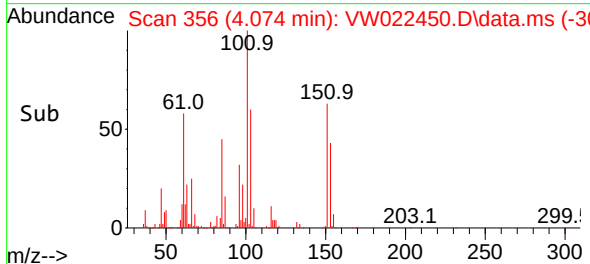
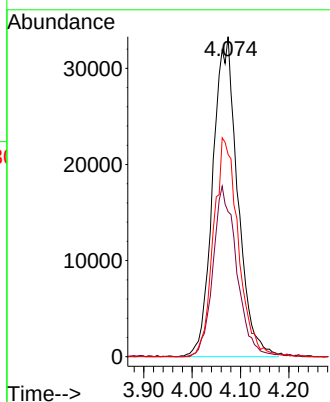
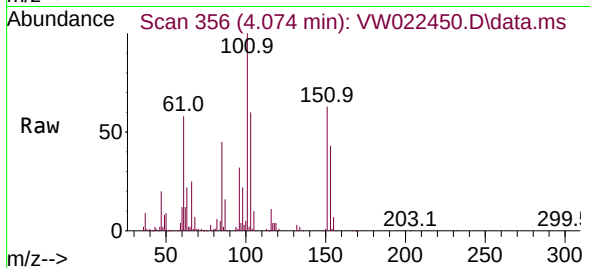




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.868 ug/L
RT: 4.074 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

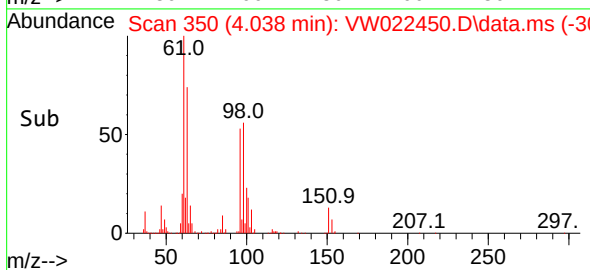
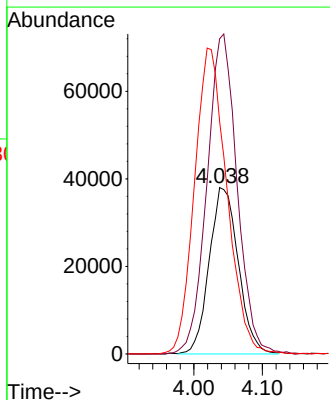
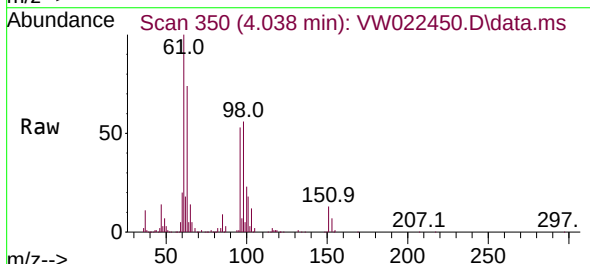
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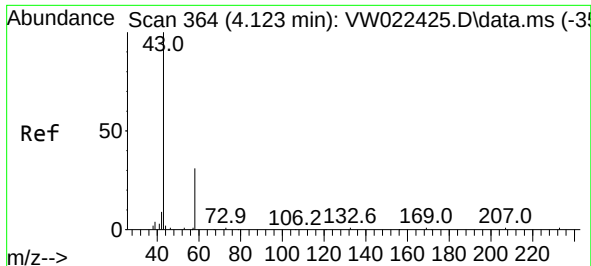
Tgt Ion:101 Resp: 118821
Ion Ratio Lower Upper
101 100
85 50.7 39.2 58.8
151 67.9 52.2 78.4



#12
1,1-Dichloroethene
Concen: 23.982 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 96 Resp: 111909
Ion Ratio Lower Upper
96 100
61 189.5 128.0 237.6
63 139.7 86.6 160.8





#13

Acetone

Concen: 50.036 ug/L

RT: 4.123 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

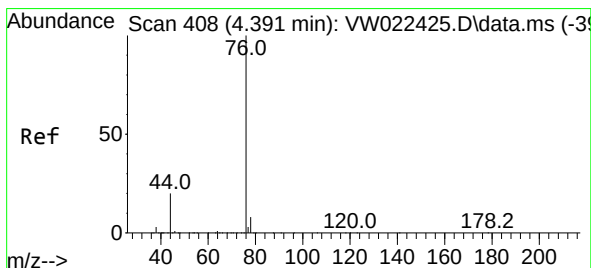
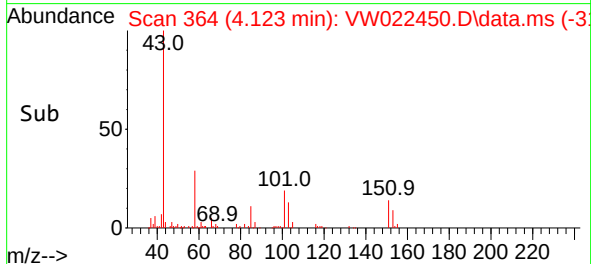
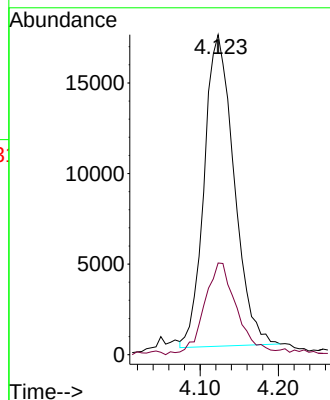
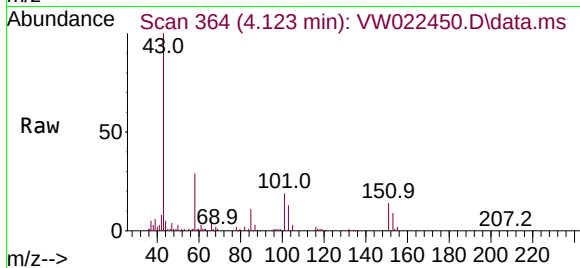
VSTD025597

Tgt Ion: 43 Resp: 45569

Ion Ratio Lower Upper

43 100

58 31.5 0.0 57.0



#14

Carbon disulfide

Concen: 23.656 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW022450.D

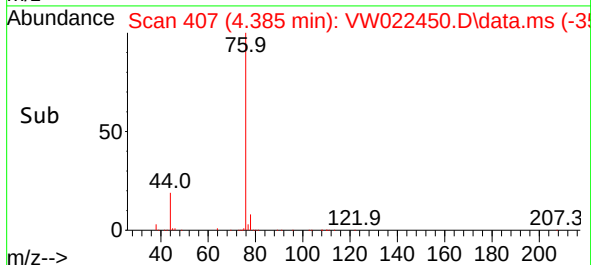
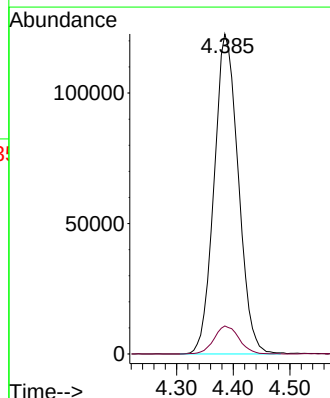
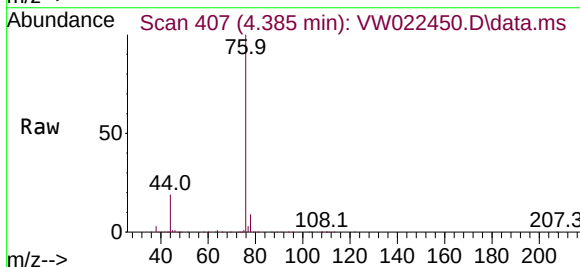
Acq: 08 Apr 2022 08:48

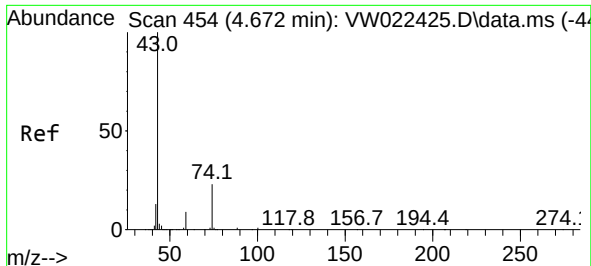
Tgt Ion: 76 Resp: 363148

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4

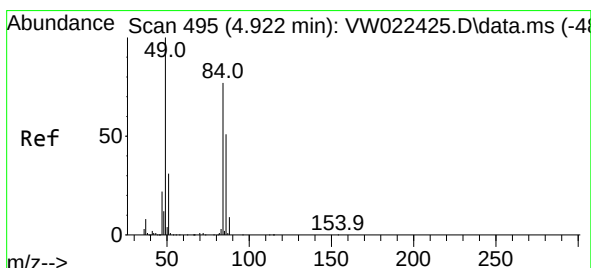
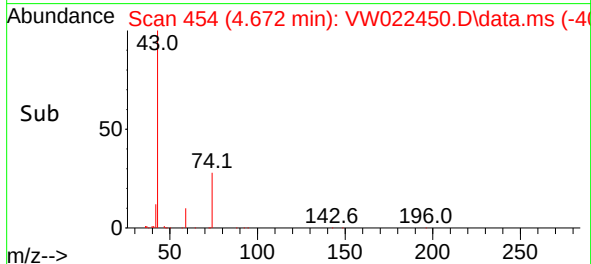
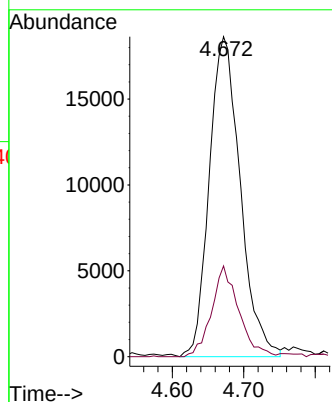
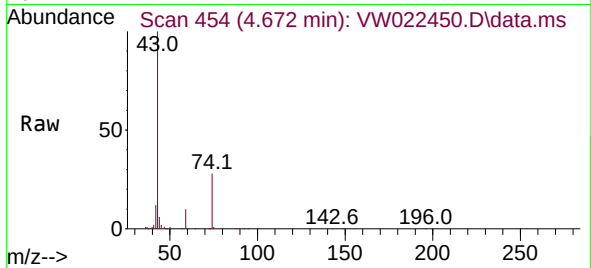




#15
Methyl Acetate
Concen: 24.497 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

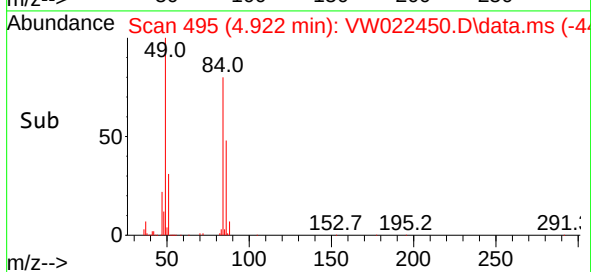
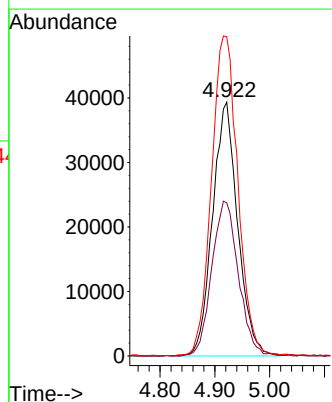
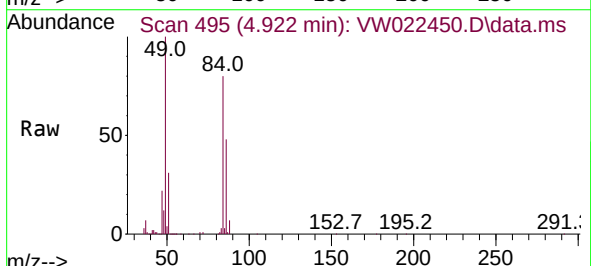
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

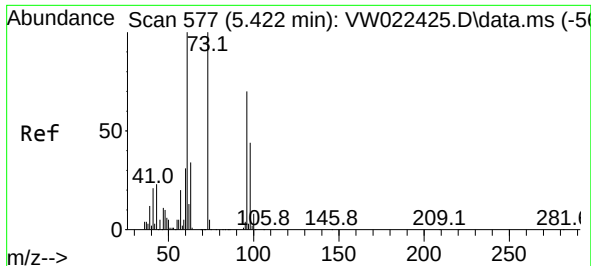
Tgt Ion: 43 Resp: 55986
Ion Ratio Lower Upper
43 100
74 24.8 18.5 27.7



#16
Methylene chloride
Concen: 24.052 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 84 Resp: 125431
Ion Ratio Lower Upper
84 100
86 60.3 42.8 79.4
49 125.8 94.2 175.0

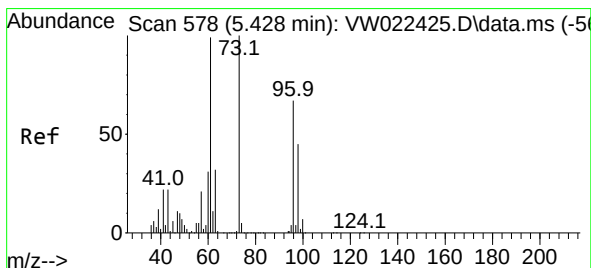
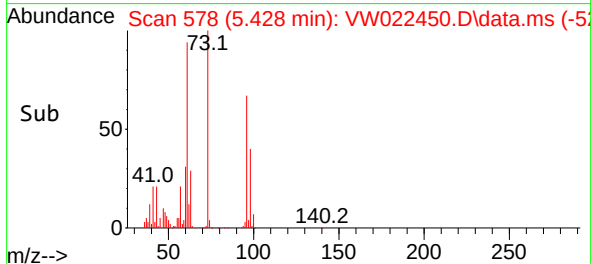
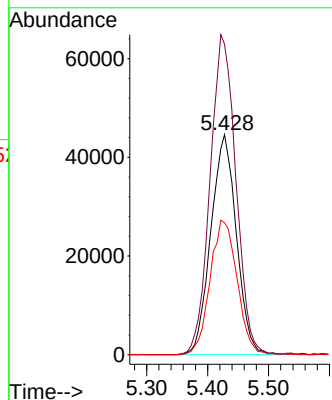
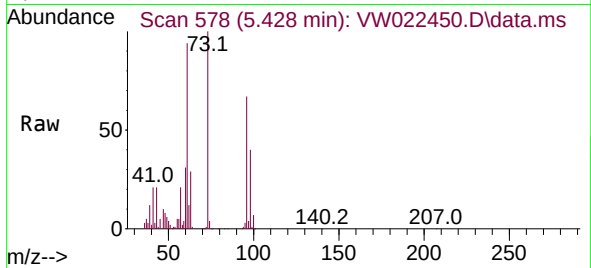




#17
trans-1,2-Dichloroethene
Concen: 23.825 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

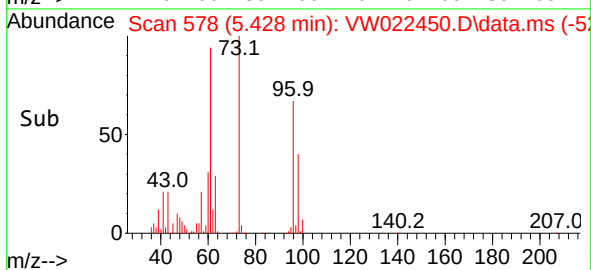
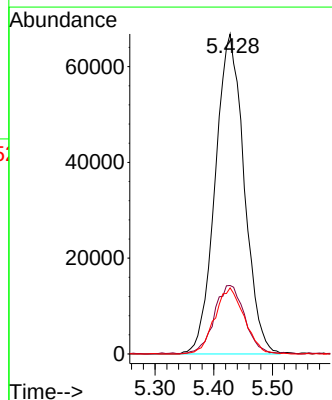
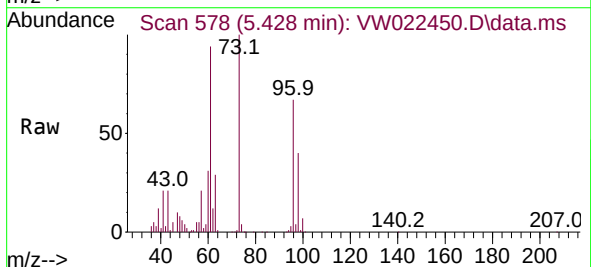
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

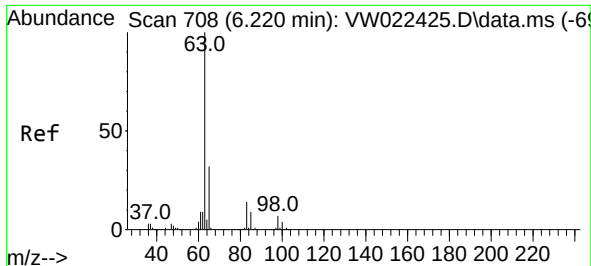
Tgt Ion: 96 Resp: 130234
Ion Ratio Lower Upper
96 100
61 141.0 99.8 185.4
98 59.9 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.546 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 73 Resp: 228061
Ion Ratio Lower Upper
73 100
43 22.1 18.8 28.2
57 21.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.993 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

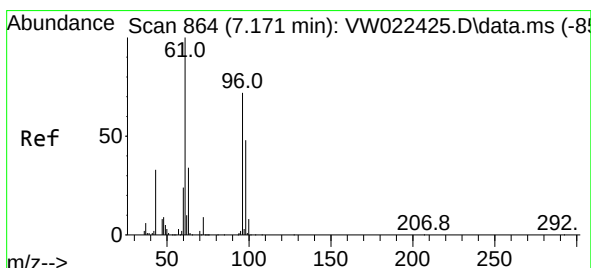
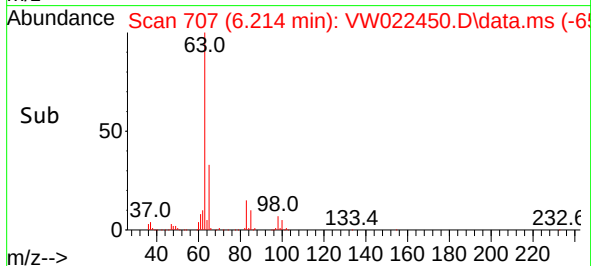
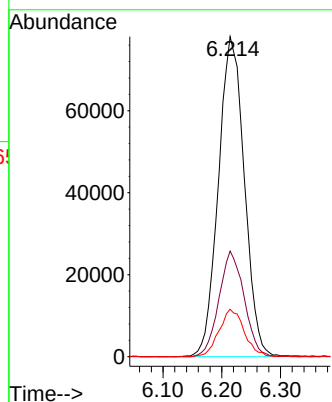
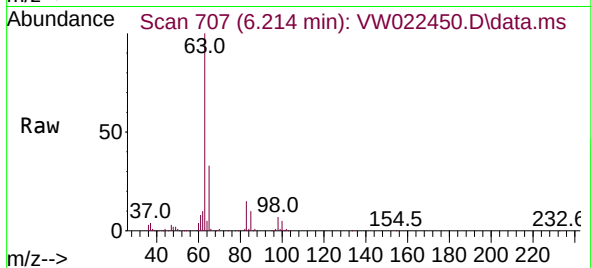
Tgt Ion: 63 Resp: 239313

Ion Ratio Lower Upper

63 100

65 33.0 21.1 39.3

83 14.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.686 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

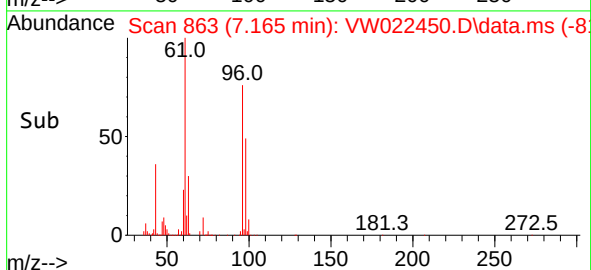
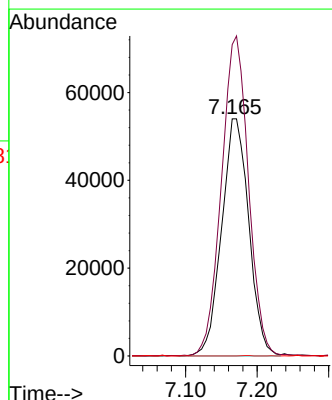
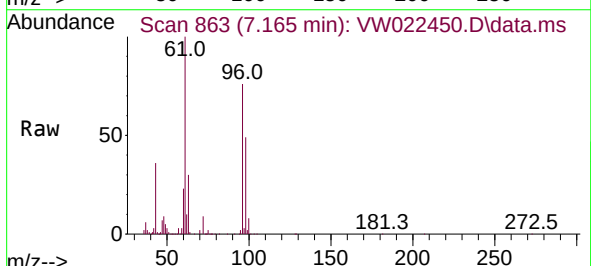
Tgt Ion: 96 Resp: 142519

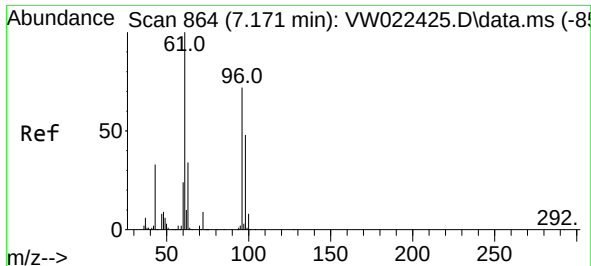
Ion Ratio Lower Upper

96 100

61 131.3 96.4 179.0

68 0.0 0.1 0.3

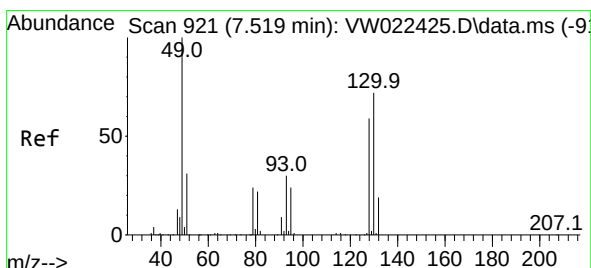
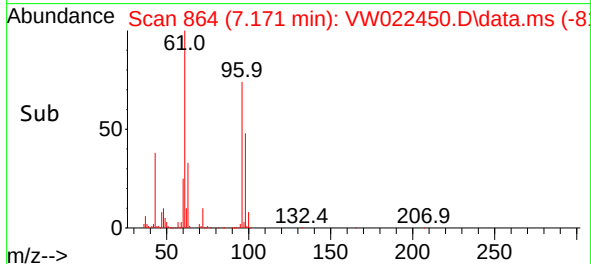
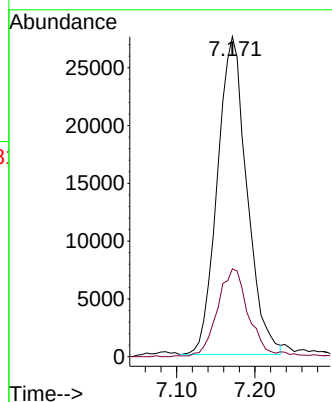
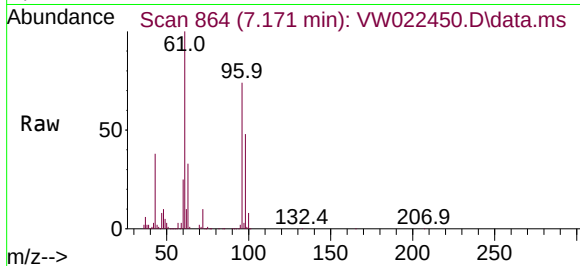




#22
2-Butanone
Concen: 52.555 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

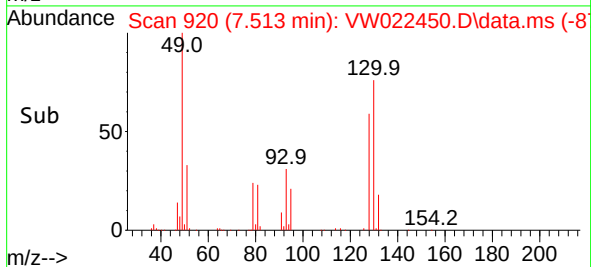
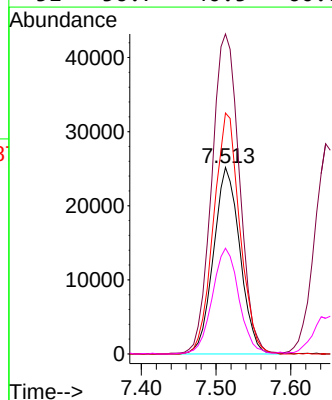
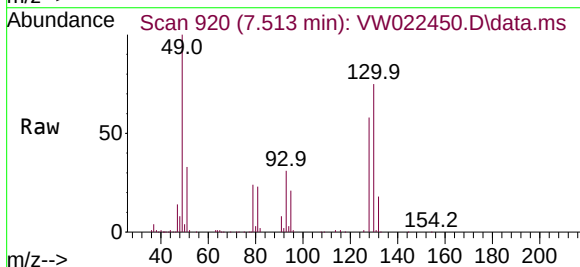
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

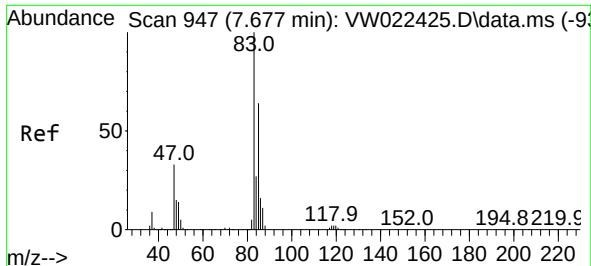
Tgt Ion: 43 Resp: 72289
Ion Ratio Lower Upper
43 100
72 28.5 14.0 42.0



#23
Bromochloromethane
Concen: 24.831 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 128 Resp: 61697
Ion Ratio Lower Upper
128 100
49 171.5 120.8 224.3
130 129.2 81.8 151.8
51 56.7 40.5 60.7

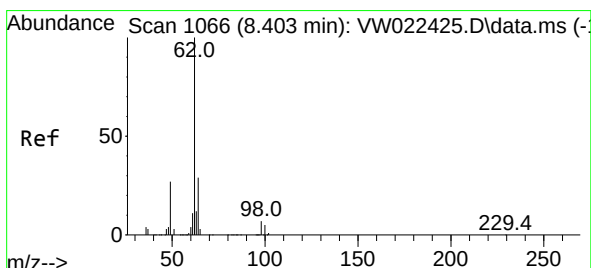
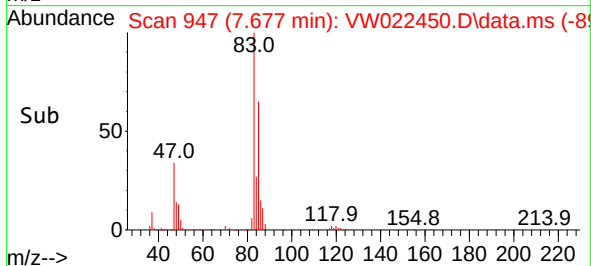
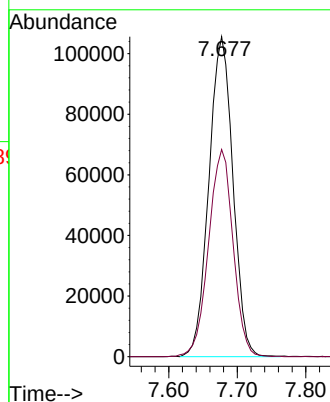
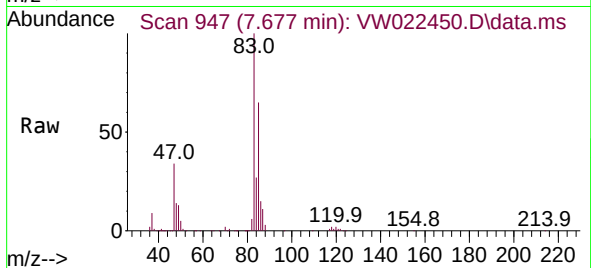




#25
Chloroform
Concen: 24.497 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

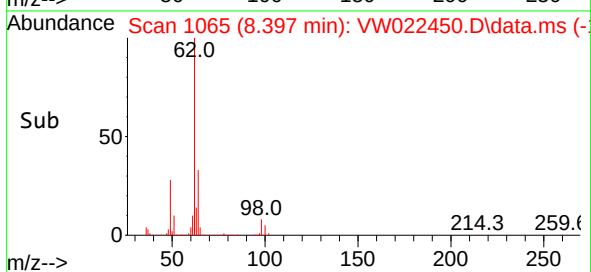
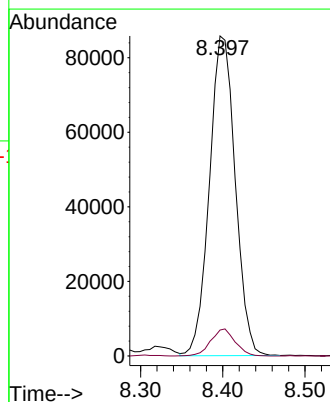
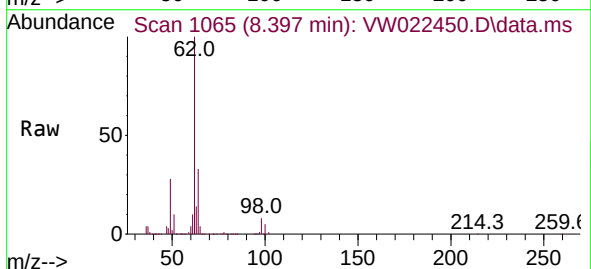
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

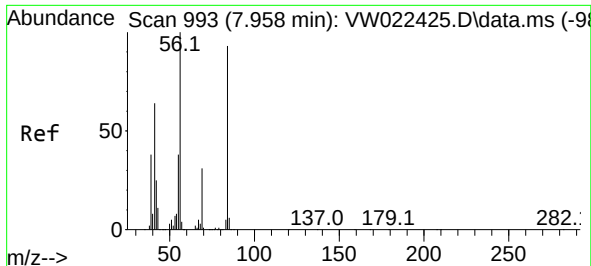
Tgt Ion: 83 Resp: 257350
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.369 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 62 Resp: 187317
Ion Ratio Lower Upper
62 100
98 8.1 6.2 9.2





#29

Cyclohexane

Concen: 23.460 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

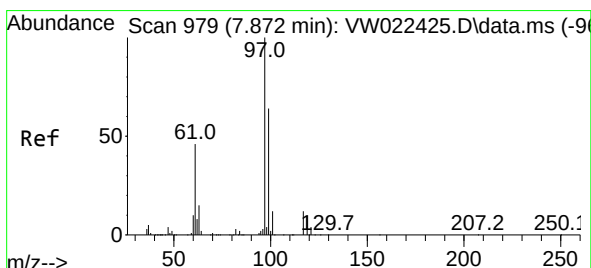
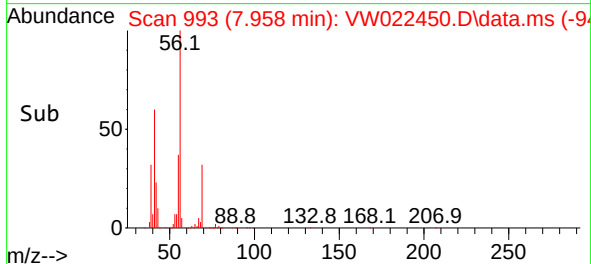
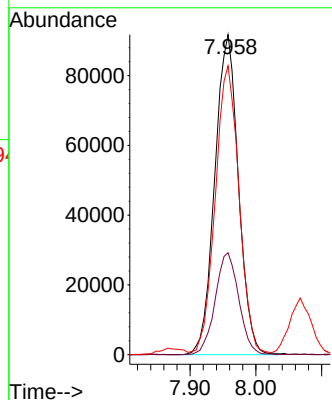
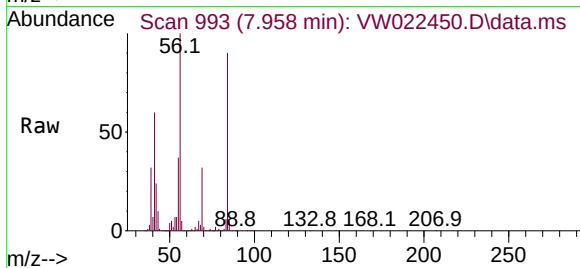
Tgt Ion: 56 Resp: 229758

Ion Ratio Lower Upper

56 100

69 31.7 24.4 36.6

84 90.8 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 23.749 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

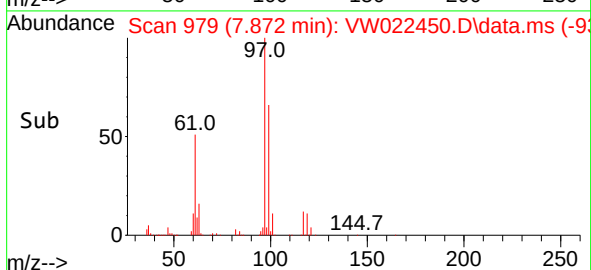
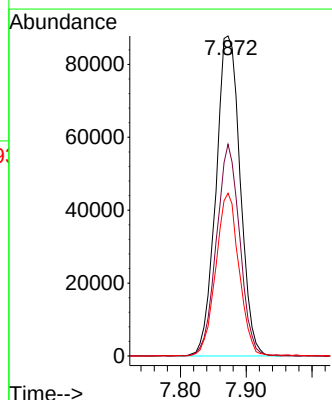
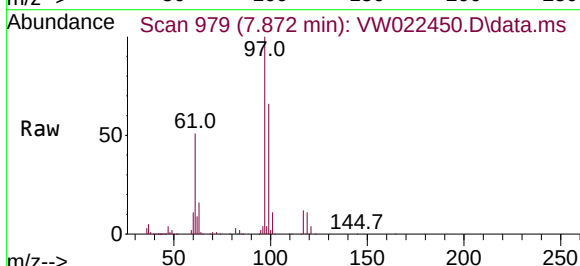
Tgt Ion: 97 Resp: 225432

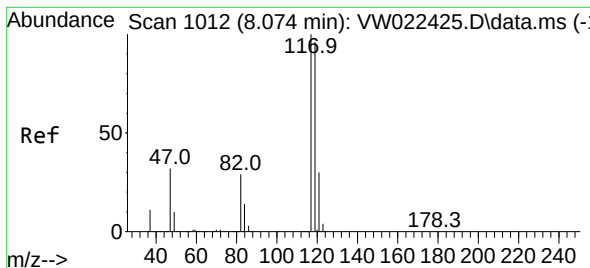
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 48.7 38.7 58.1

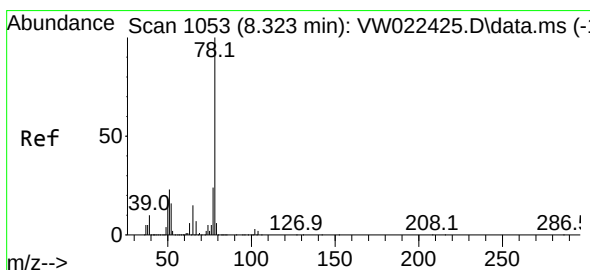
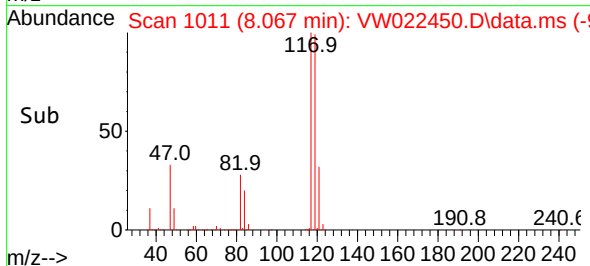
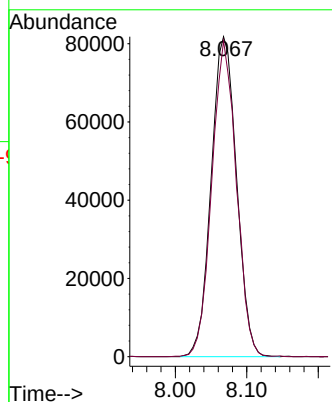
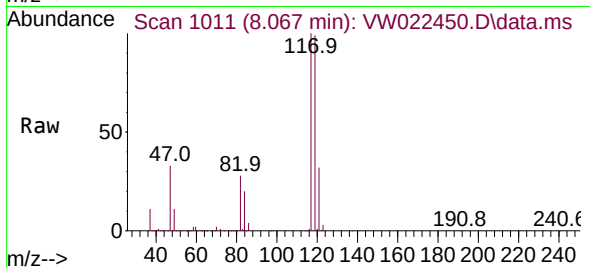




#31
Carbon tetrachloride
Concen: 23.685 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

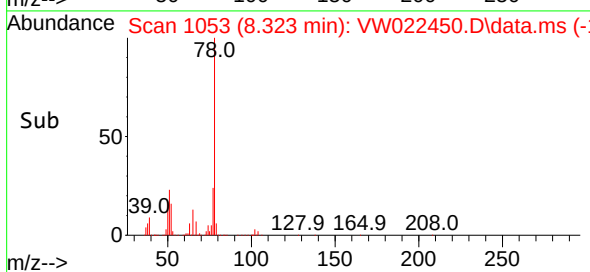
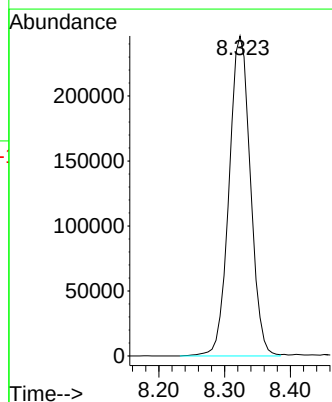
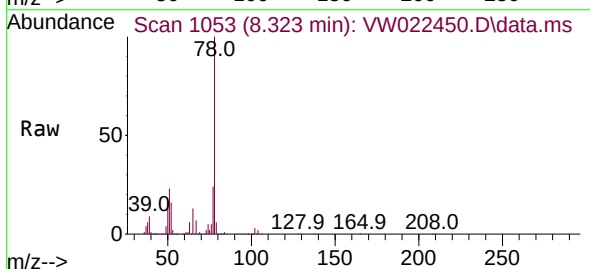
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

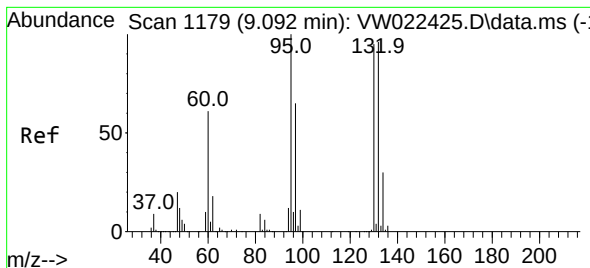
Tgt Ion:117 Resp: 201785
Ion Ratio Lower Upper
117 100
119 95.2 75.5 113.3



#33
Benzene
Concen: 23.910 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 78 Resp: 555480





#34

Trichloroethene

Concen: 24.181 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

Tgt Ion: 95 Resp: 150419

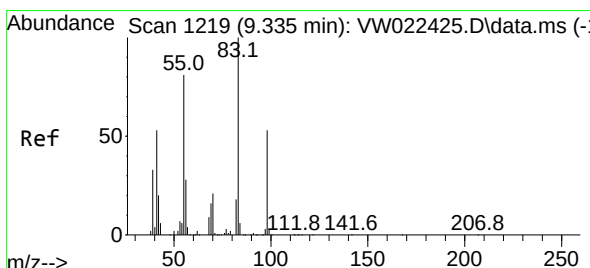
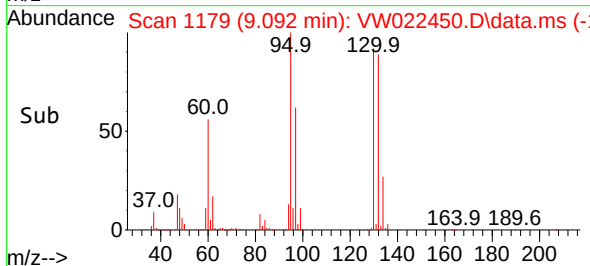
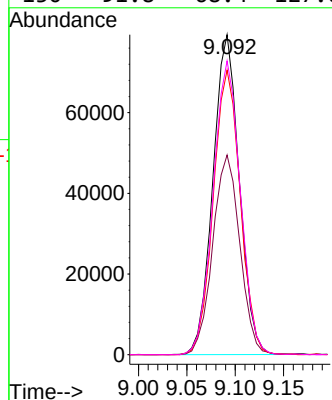
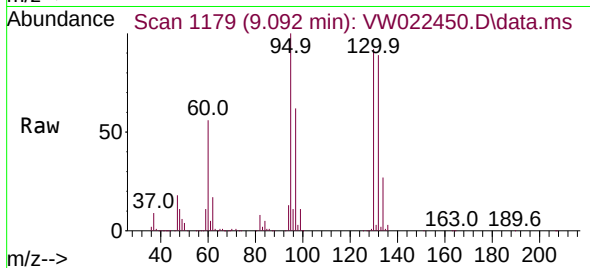
Ion Ratio Lower Upper

95 100

97 62.4 46.4 86.2

132 88.9 67.4 125.2

130 91.8 68.4 127.0



#35

Methylcyclohexane

Concen: 23.788 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

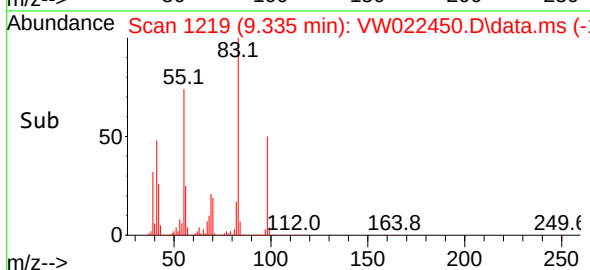
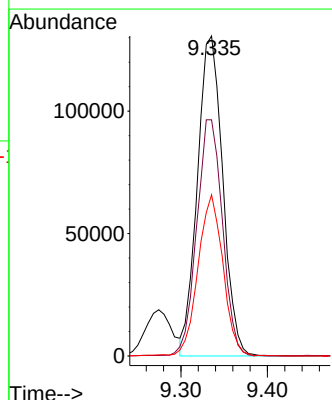
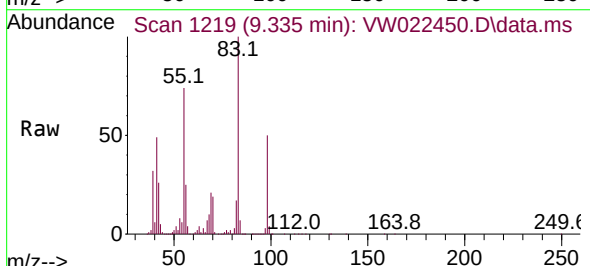
Tgt Ion: 83 Resp: 265485

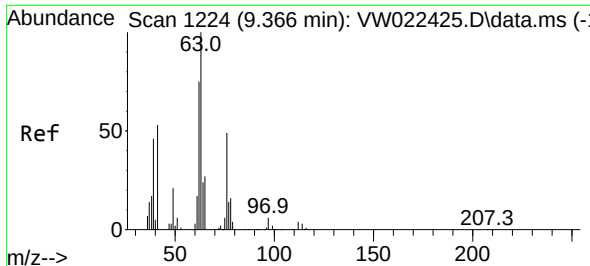
Ion Ratio Lower Upper

83 100

55 74.8 61.0 91.6

98 49.5 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.740 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

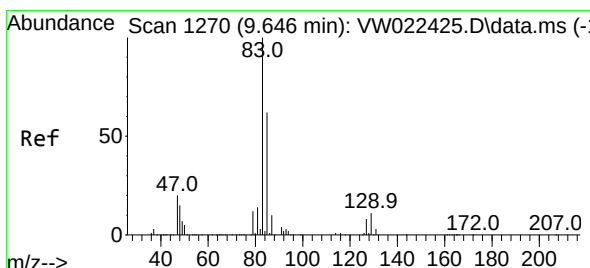
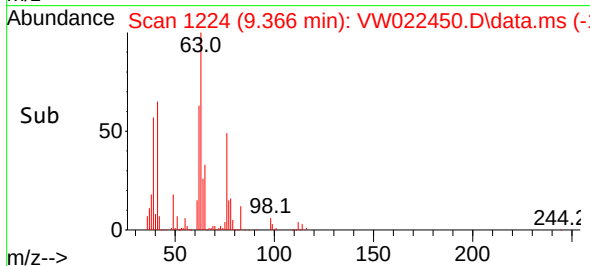
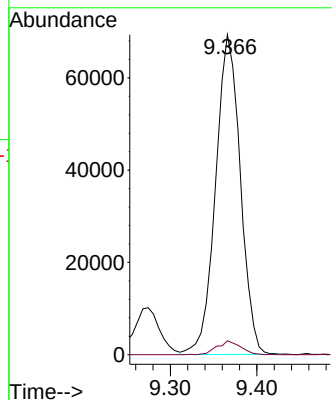
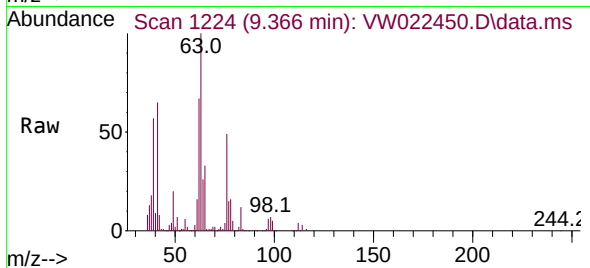
VSTD025597

Tgt Ion: 63 Resp: 137694

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 24.915 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

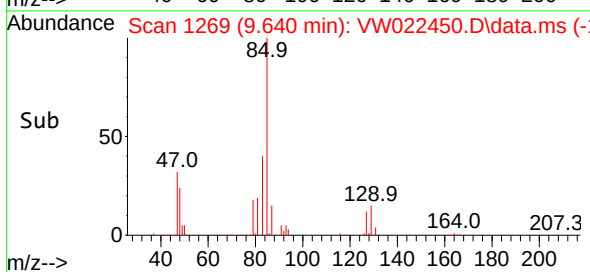
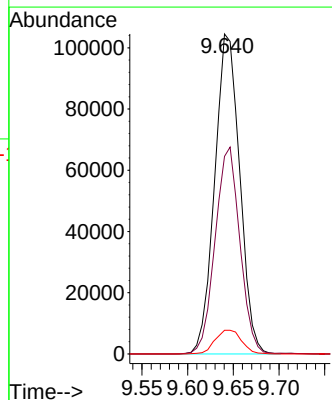
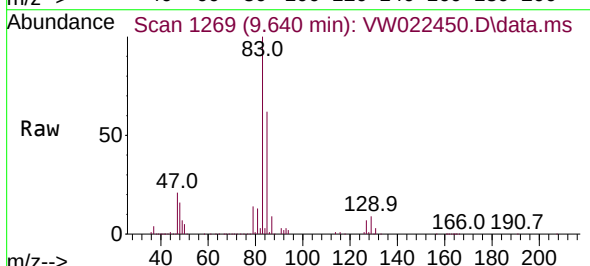
Tgt Ion: 83 Resp: 199414

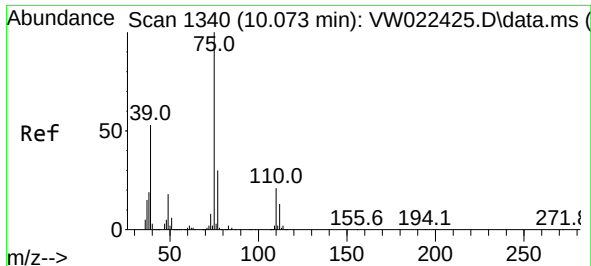
Ion Ratio Lower Upper

83 100

85 61.8 45.2 84.0

127 7.4 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.985 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

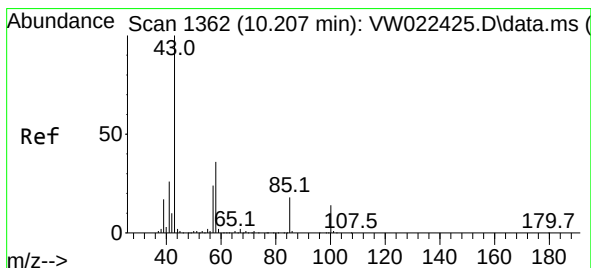
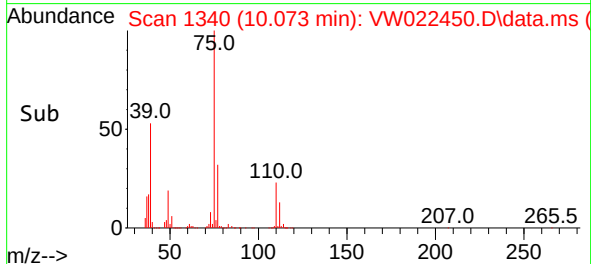
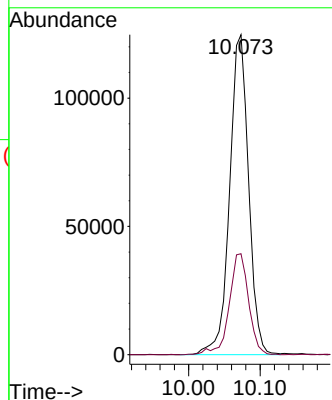
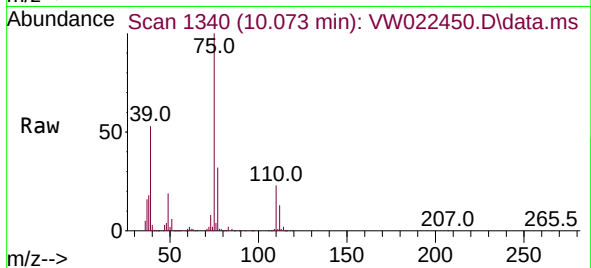
VSTD025597

Tgt Ion: 75 Resp: 229492

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 52.598 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

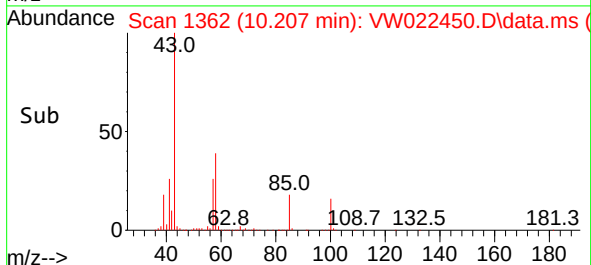
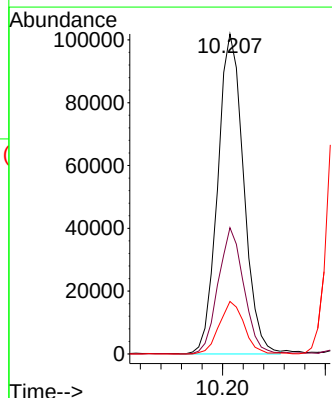
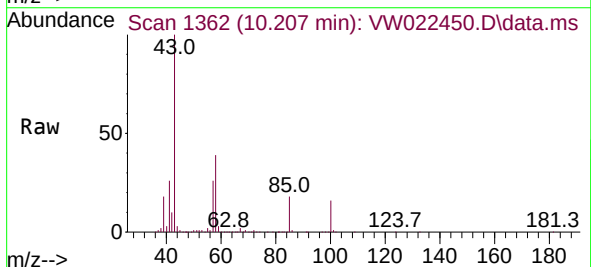
Tgt Ion: 43 Resp: 178657

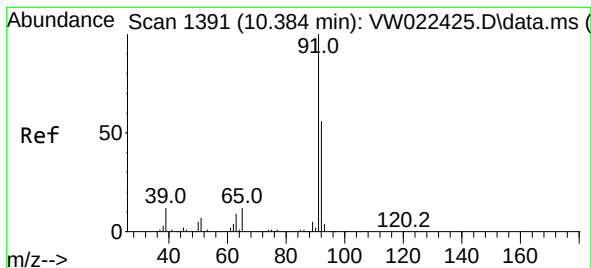
Ion Ratio Lower Upper

43 100

58 39.0 29.3 43.9

100 15.7 12.2 18.4





#42

Toluene

Concen: 24.250 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

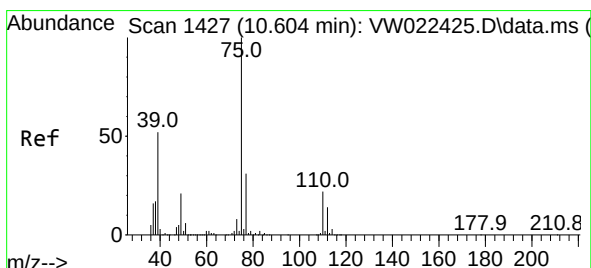
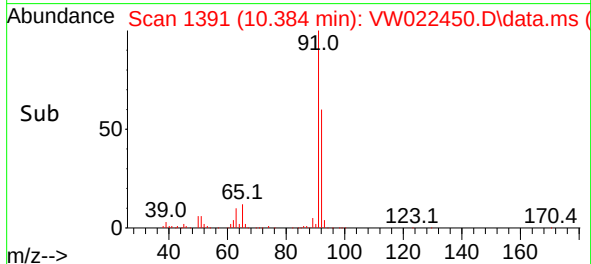
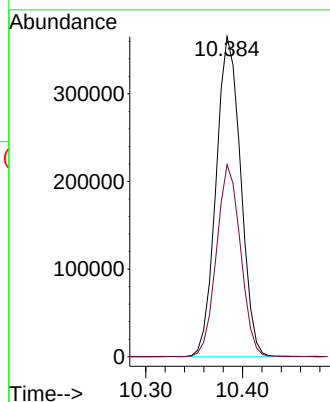
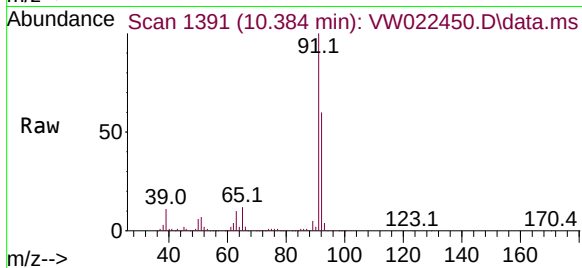
VSTD025597

Tgt Ion: 91 Resp: 645580

Ion Ratio Lower Upper

91 100

92 60.0 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 26.399 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022450.D

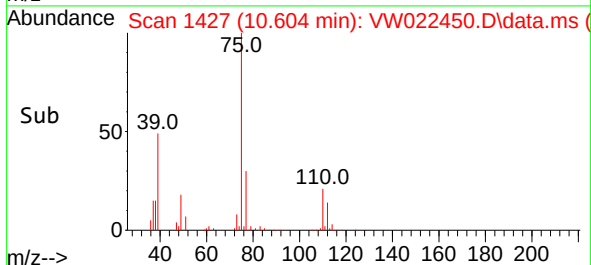
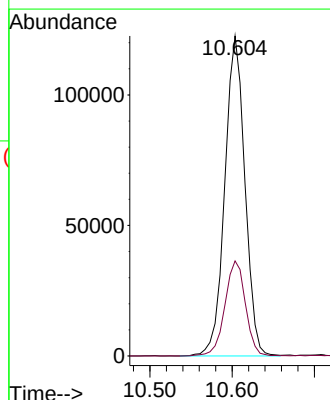
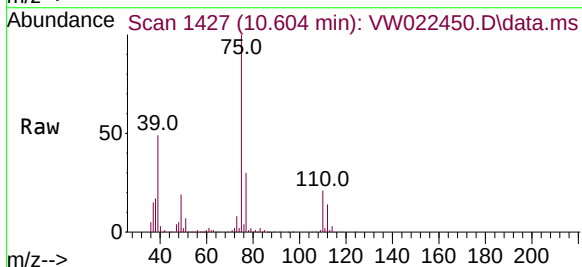
Acq: 08 Apr 2022 08:48

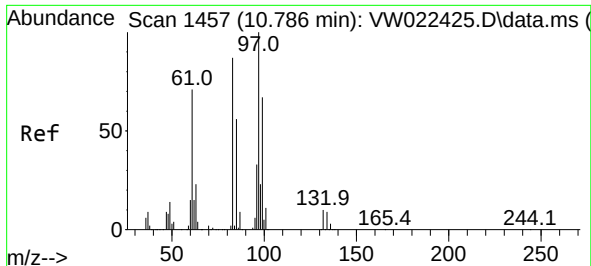
Tgt Ion: 75 Resp: 208759

Ion Ratio Lower Upper

75 100

77 29.7 21.3 39.6



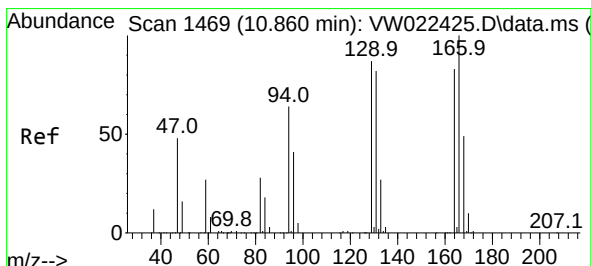
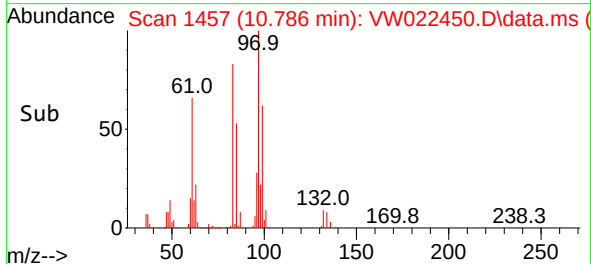
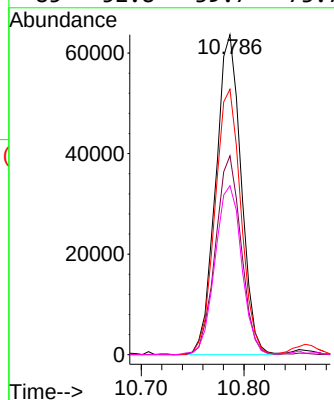
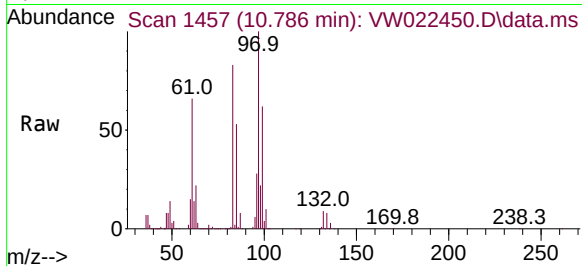


#45
1,1,2-Trichloroethane
Concen: 25.748 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

Tgt Ion: 97 Resp: 109370

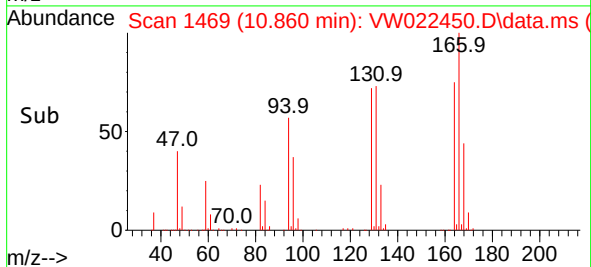
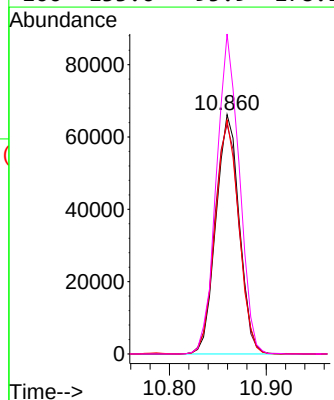
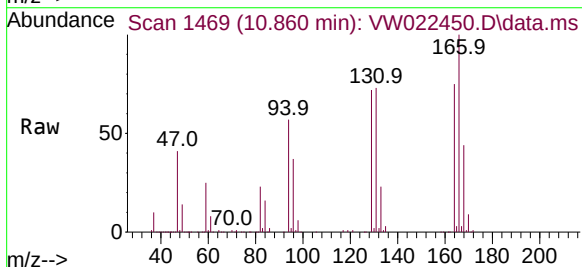
Ion	Ratio	Lower	Upper
97	100		
99	62.1	46.0	85.4
83	82.9	60.6	112.6
85	52.8	39.7	73.7

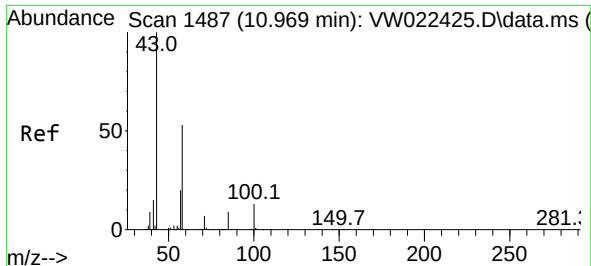


#46
Tetrachloroethene
Concen: 24.322 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 164 Resp: 111216

Ion	Ratio	Lower	Upper
164	100		
129	95.8	74.1	137.7
131	97.7	71.4	132.6
166	133.6	95.9	178.1

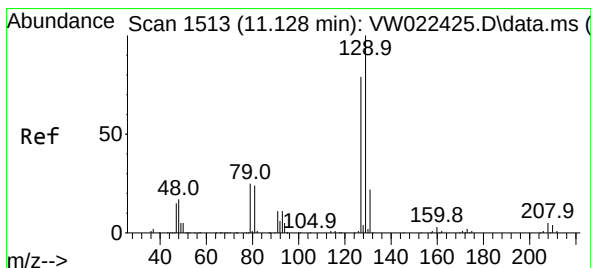
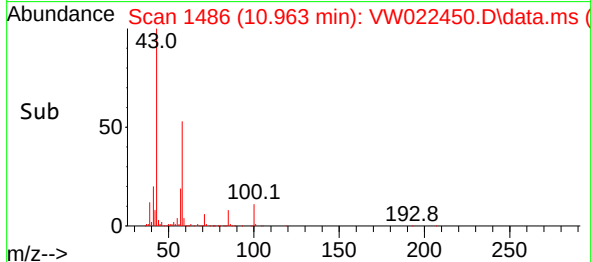
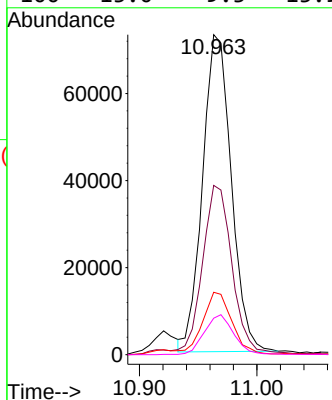
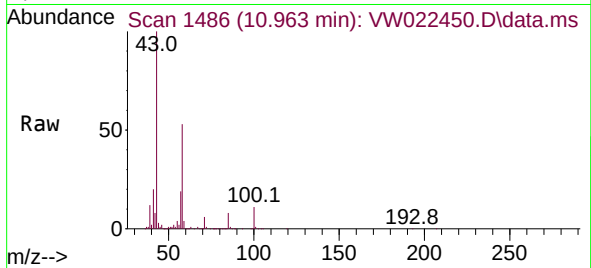




#48
2-Hexanone
Concen: 51.740 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

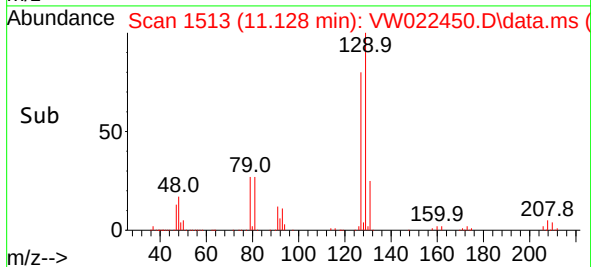
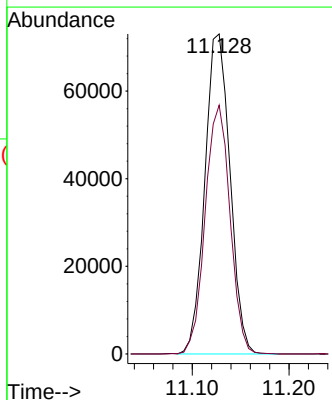
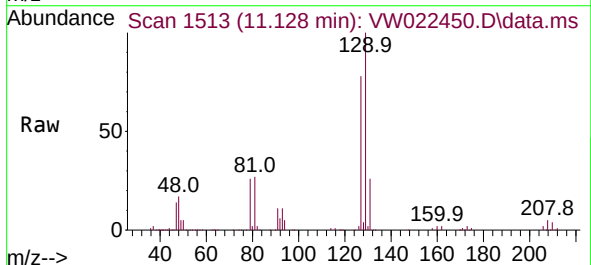
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

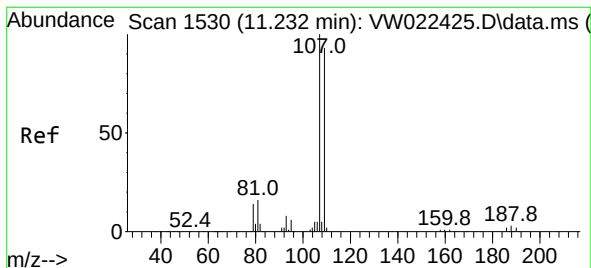
Tgt Ion: 43 Resp: 123983
Ion Ratio Lower Upper
43 100
58 55.4 41.6 62.4
57 19.8 14.5 21.7
100 13.0 9.3 13.9



#49
Dibromochloromethane
Concen: 26.057 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion: 129 Resp: 132006
Ion Ratio Lower Upper
129 100
127 77.8 52.6 97.6

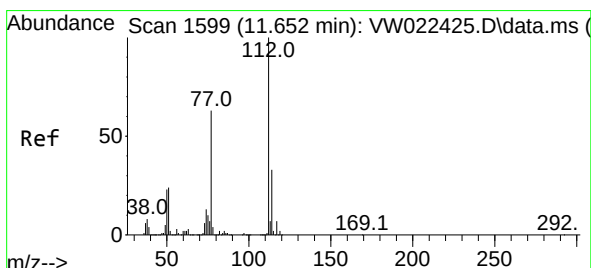
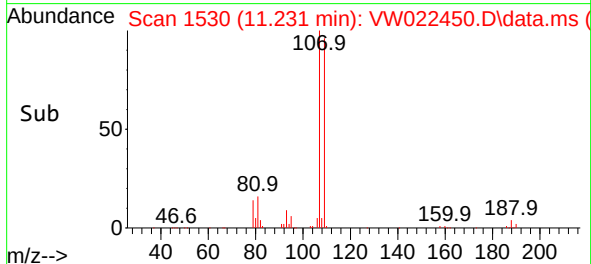
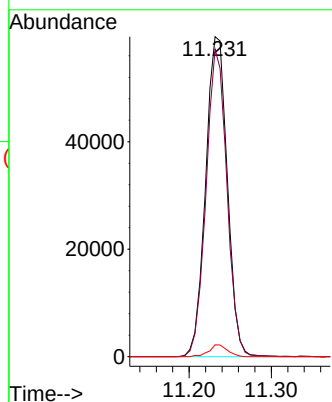
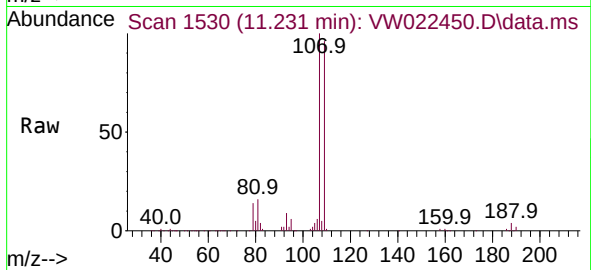




#50
1,2-Dibromoethane
Concen: 25.950 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

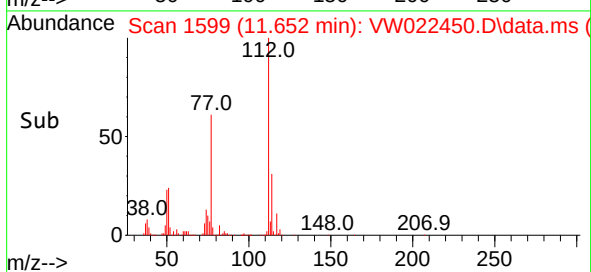
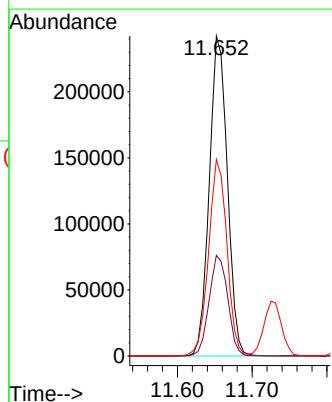
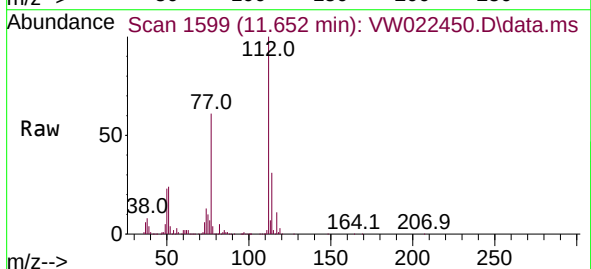
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

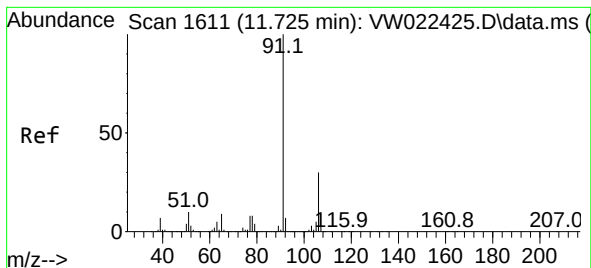
Tgt Ion:107 Resp: 108846
Ion Ratio Lower Upper
107 100
109 96.1 68.2 126.6
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 25.004 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion:112 Resp: 406783
Ion Ratio Lower Upper
112 100
114 31.5 20.5 38.1
77 61.4 48.1 72.1

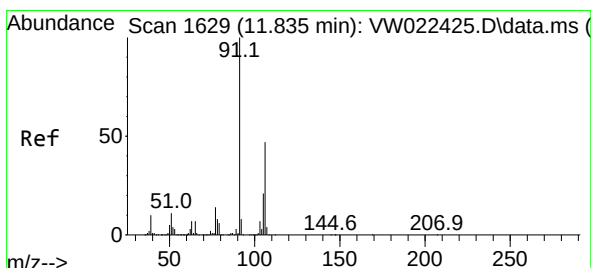
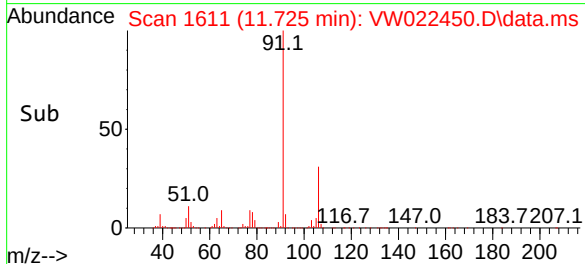
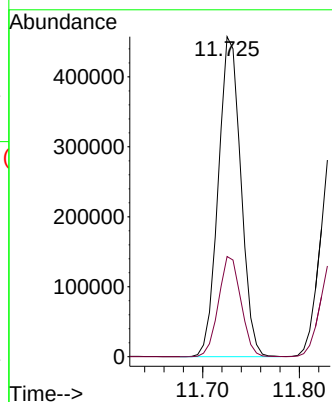
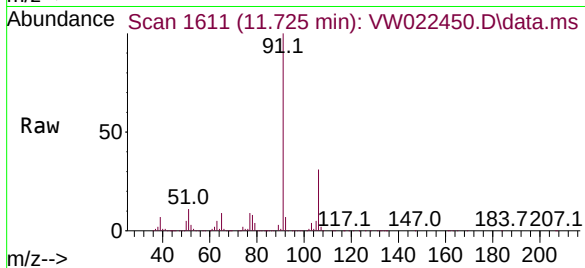




#52
Ethylbenzene
Concen: 24.808 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

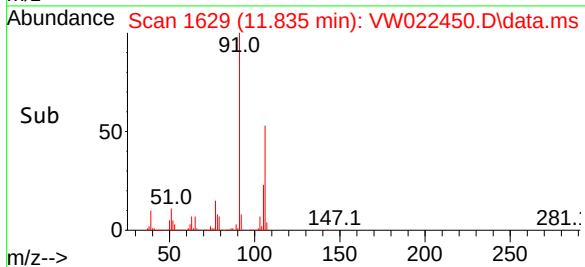
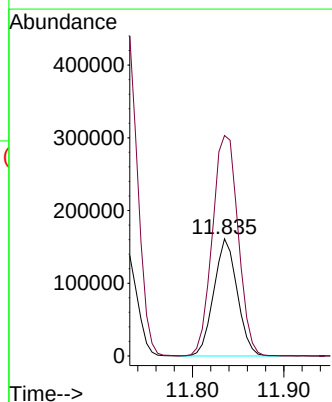
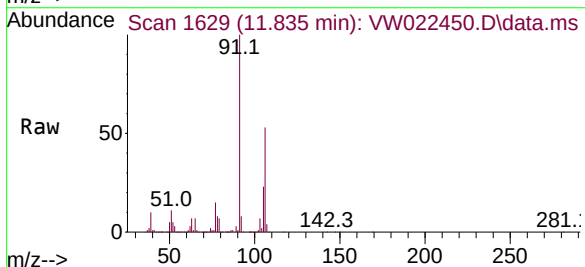
Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

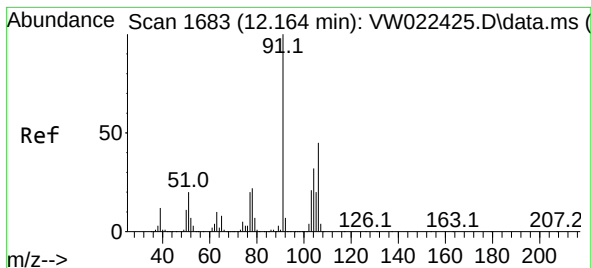
Tgt Ion: 91 Resp: 740280
Ion Ratio Lower Upper
91 100
106 31.3 20.5 38.1



#53
m,p-Xylene
Concen: 25.254 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022450.D
Acq: 08 Apr 2022 08:48

Tgt Ion:106 Resp: 286539
Ion Ratio Lower Upper
106 100
91 188.2 149.9 278.5





#54

o-Xylene

Concen: 25.173 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

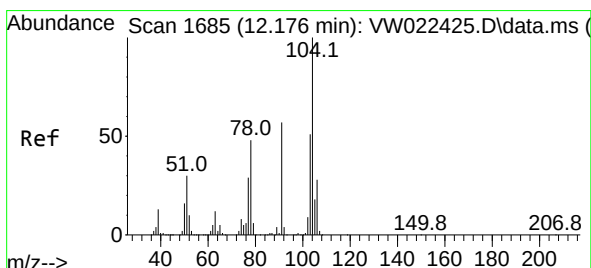
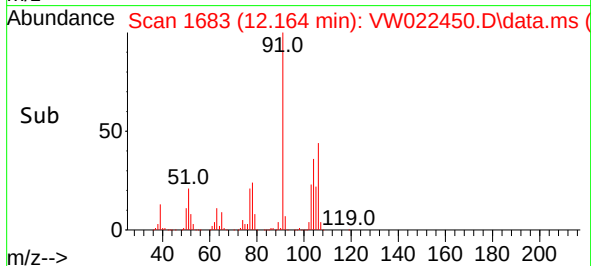
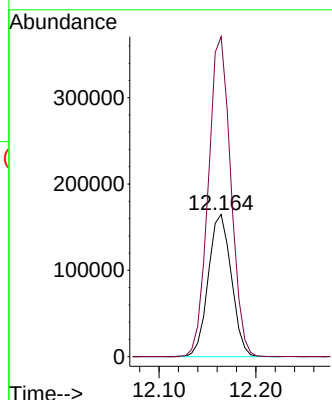
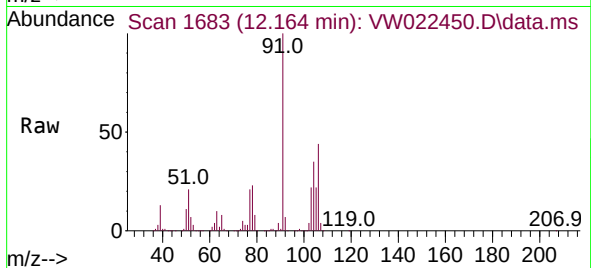
VSTD025597

Tgt Ion:106 Resp: 272940

Ion Ratio Lower Upper

106 100

91 225.0 155.3 288.3



#55

Styrene

Concen: 25.773 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022450.D

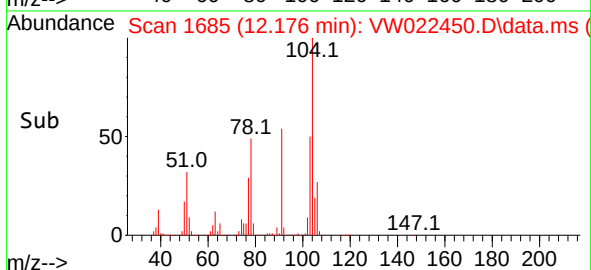
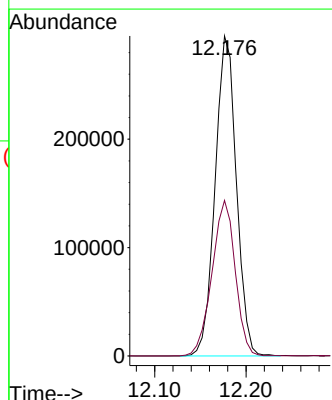
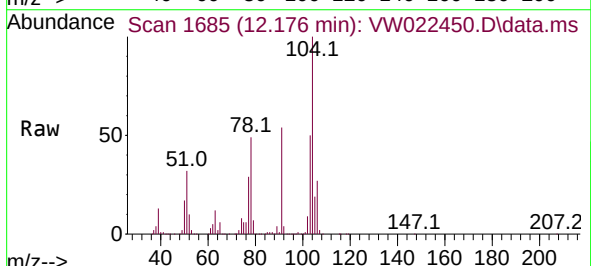
Acq: 08 Apr 2022 08:48

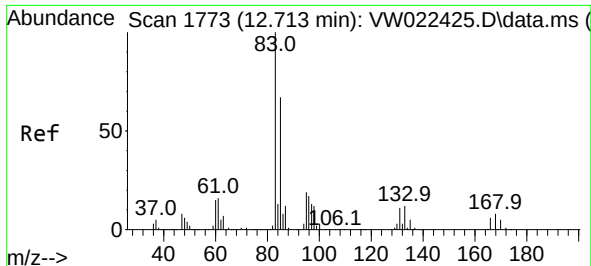
Tgt Ion:104 Resp: 477420

Ion Ratio Lower Upper

104 100

78 48.6 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 26.968 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

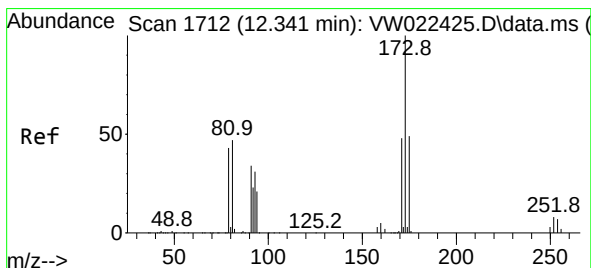
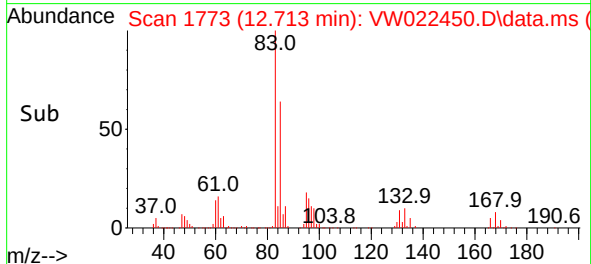
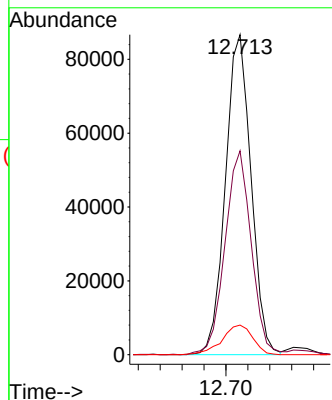
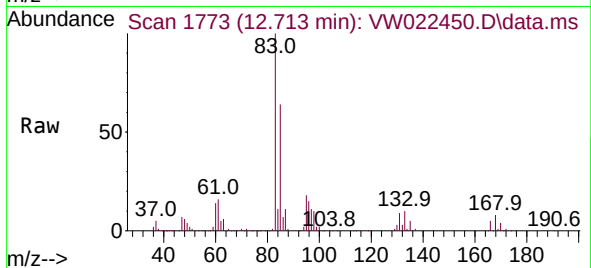
Tgt Ion: 83 Resp: 140601

Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5

131 9.2 7.8 11.8



#59

Bromoform

Concen: 24.943 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.006 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

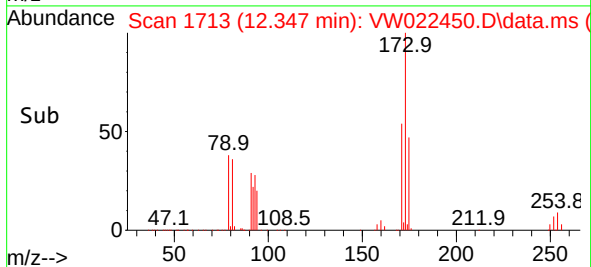
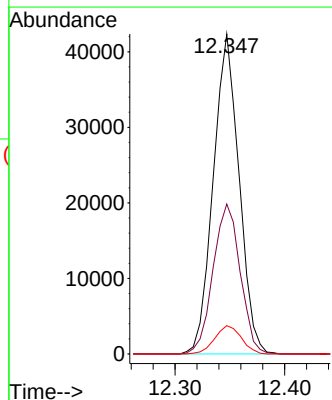
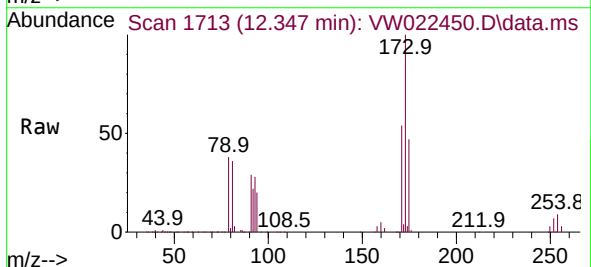
Tgt Ion:173 Resp: 69227

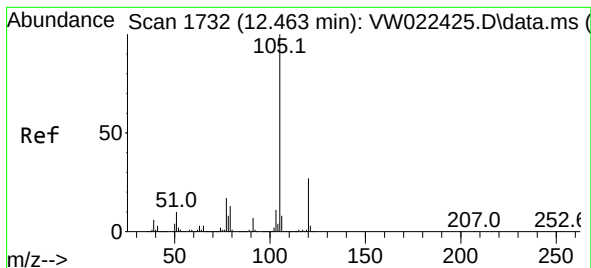
Ion Ratio Lower Upper

173 100

175 49.3 39.2 58.8

254 9.1 6.6 9.8





#60

Isopropylbenzene

Concen: 24.704 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

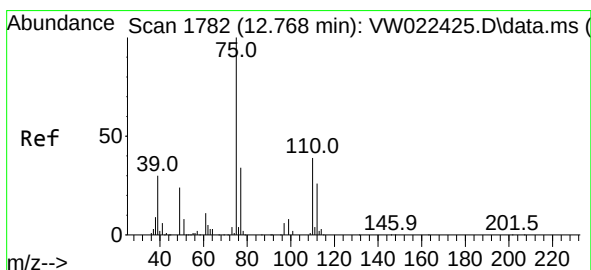
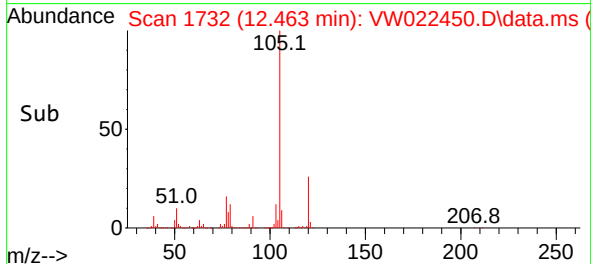
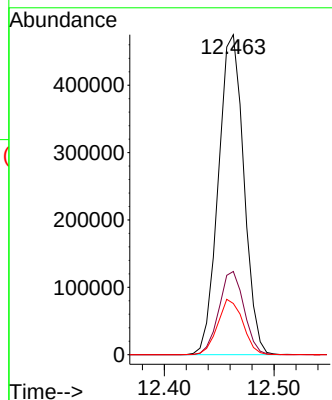
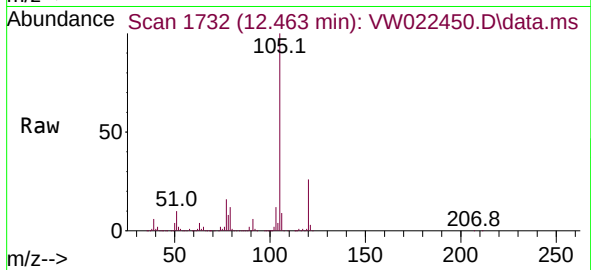
Tgt Ion:105 Resp: 766480

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 17.1 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 26.223 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

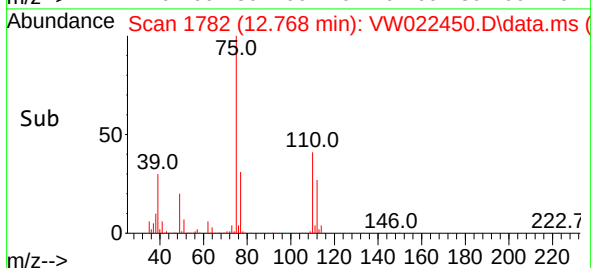
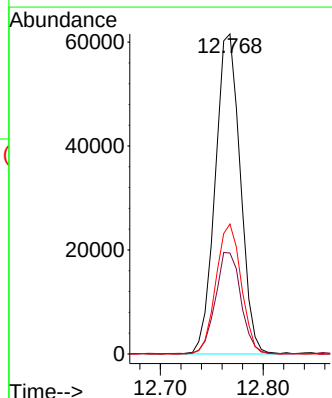
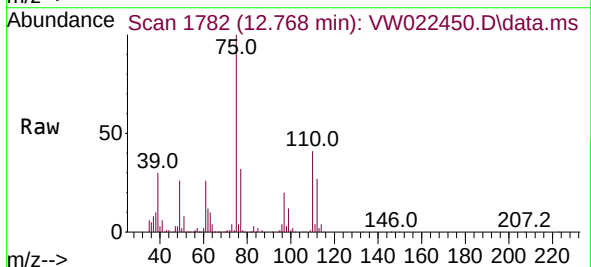
Tgt Ion: 75 Resp: 104186

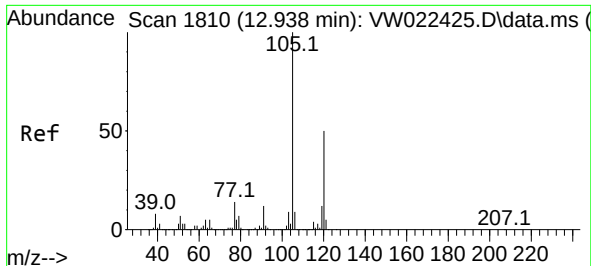
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 40.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 25.116 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

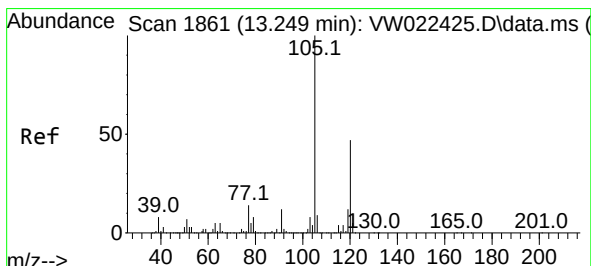
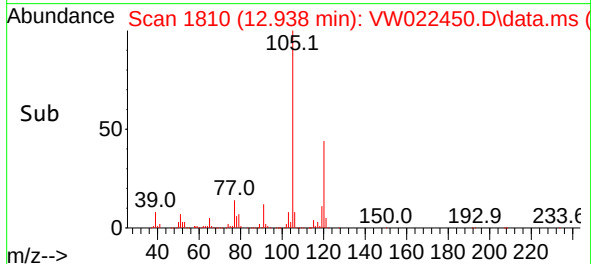
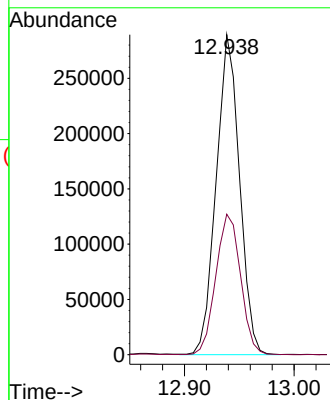
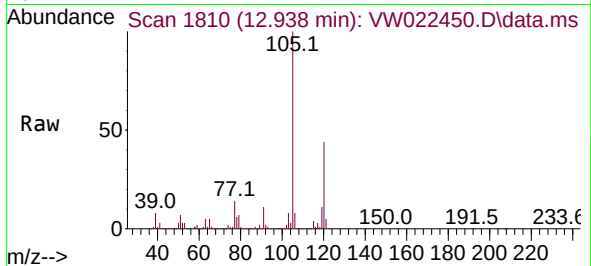
VSTD025597

Tgt Ion:105 Resp: 428560

Ion Ratio Lower Upper

105 100

120 46.4 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 25.370 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022450.D

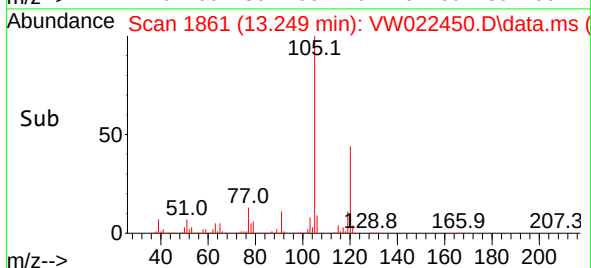
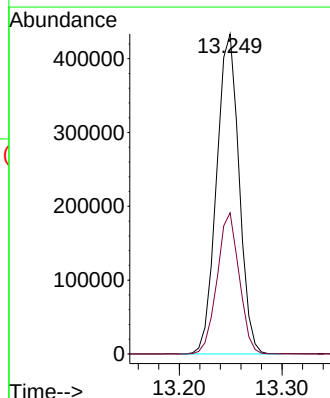
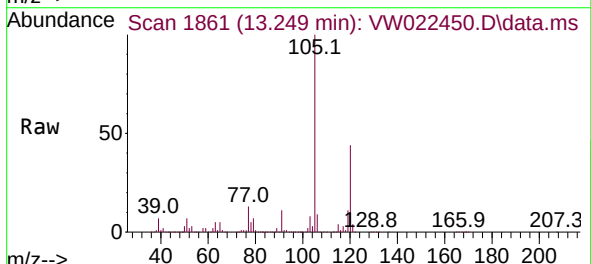
Acq: 08 Apr 2022 08:48

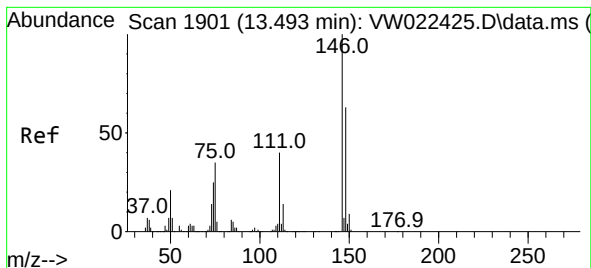
Tgt Ion:105 Resp: 658266

Ion Ratio Lower Upper

105 100

120 43.2 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 25.042 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

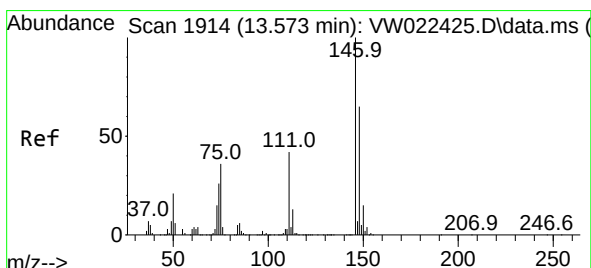
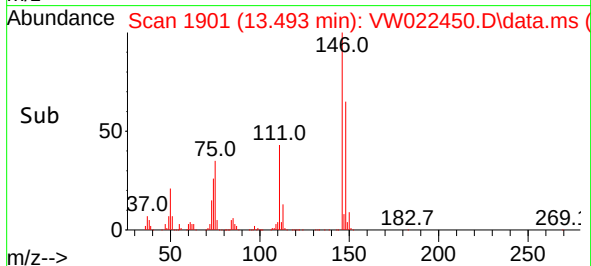
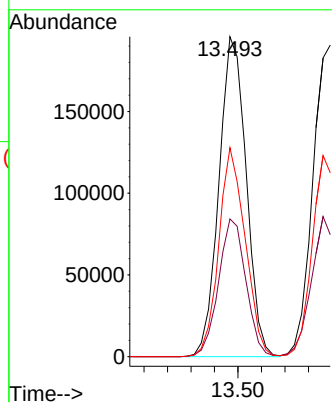
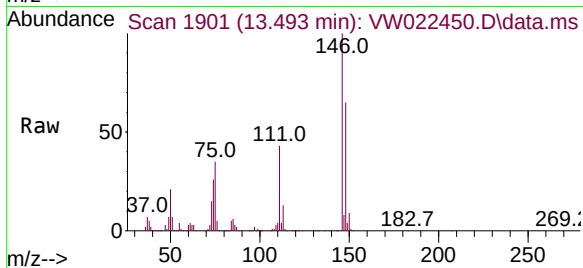
Tgt Ion:146 Resp: 315324

Ion Ratio Lower Upper

146 100

111 43.1 28.2 52.4

148 65.3 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 24.573 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

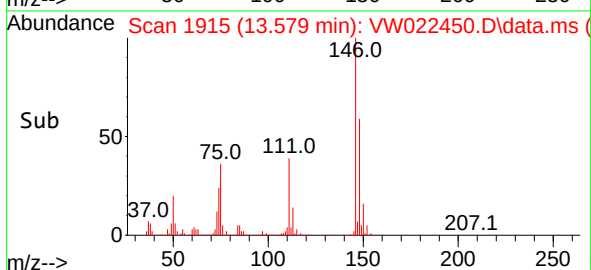
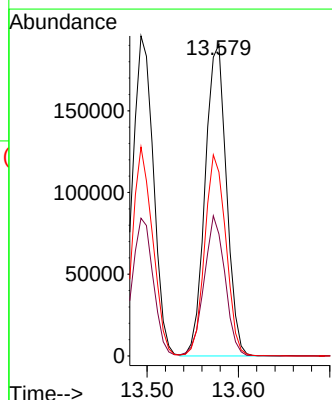
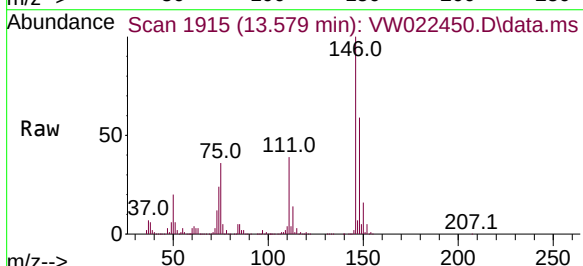
Tgt Ion:146 Resp: 308589

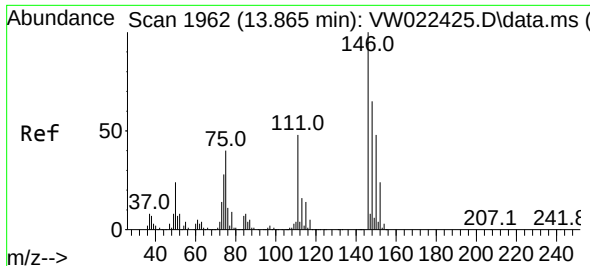
Ion Ratio Lower Upper

146 100

111 39.1 28.5 52.9

148 59.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.586 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

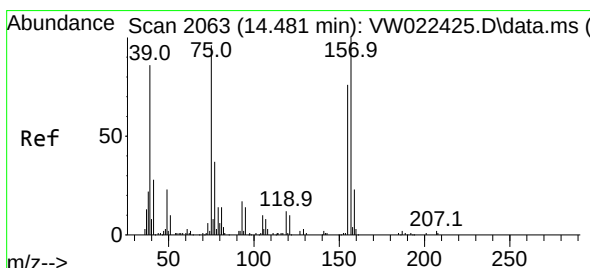
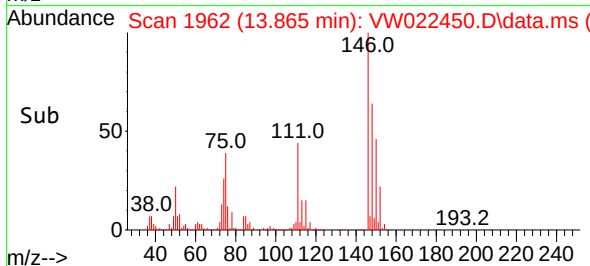
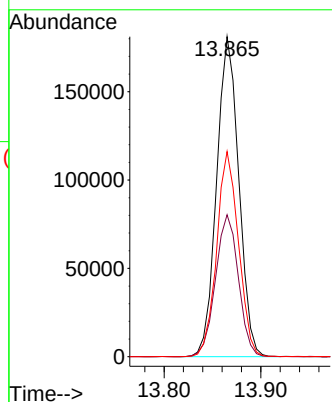
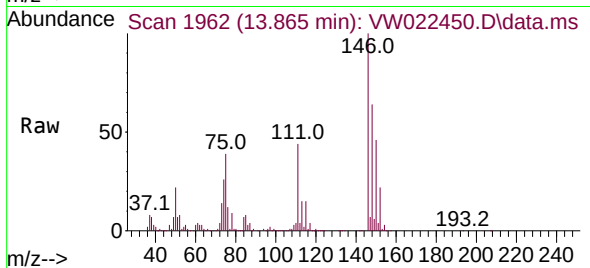
Tgt Ion:146 Resp: 288123

Ion Ratio Lower Upper

146 100

111 44.3 39.0 58.4

148 64.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 26.429 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

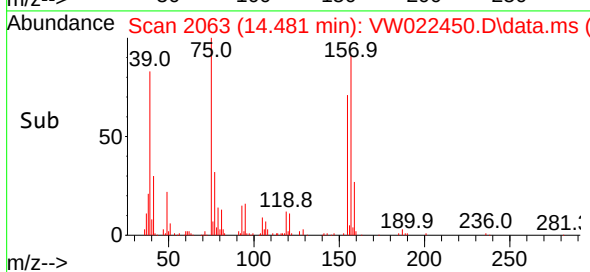
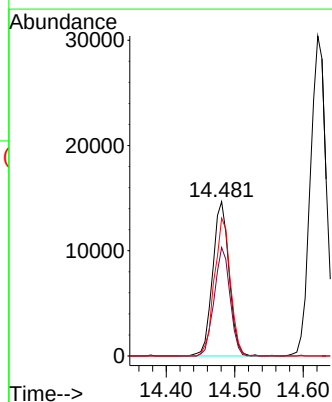
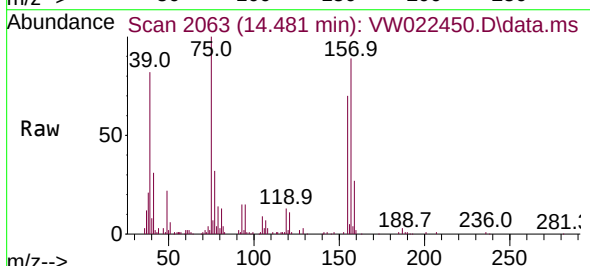
Tgt Ion: 75 Resp: 24353

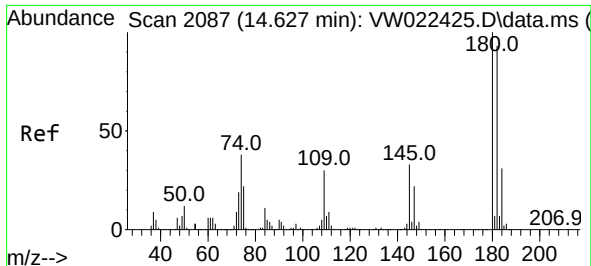
Ion Ratio Lower Upper

75 100

155 70.4 55.6 83.4

157 89.4 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 25.263 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

Tgt Ion:180 Resp: 207552

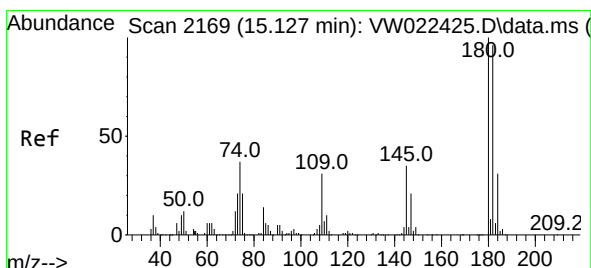
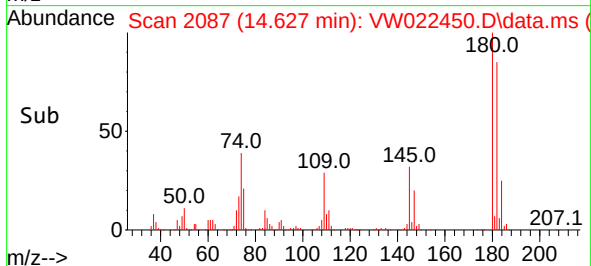
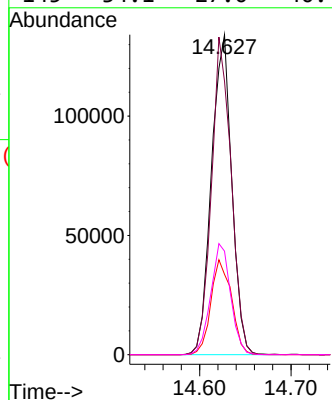
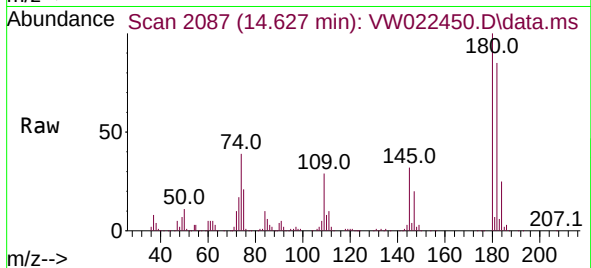
Ion Ratio Lower Upper

180 100

182 96.3 79.1 118.7

184 30.2 24.5 36.7

145 34.1 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 24.551 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

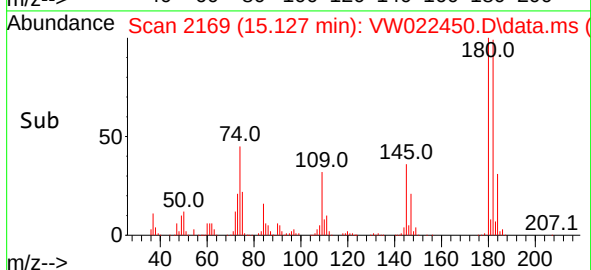
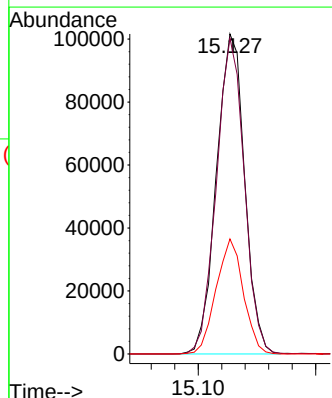
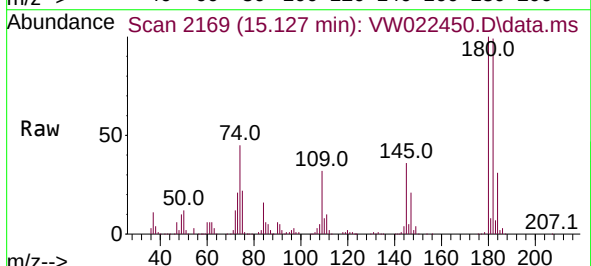
Tgt Ion:180 Resp: 169395

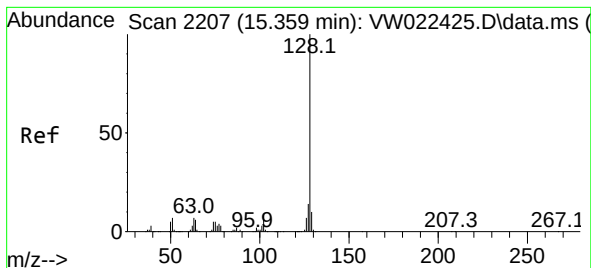
Ion Ratio Lower Upper

180 100

182 97.4 72.8 109.2

145 34.7 25.5 38.3





#71

Naphthalene

Concen: 26.247 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025597

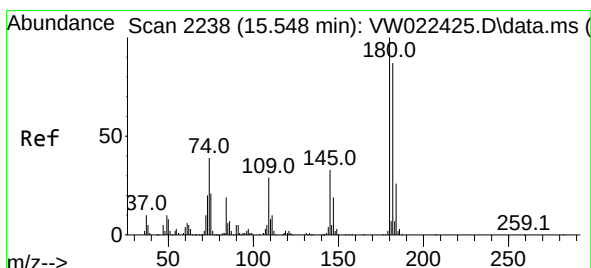
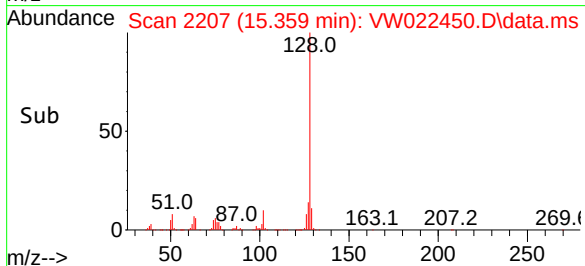
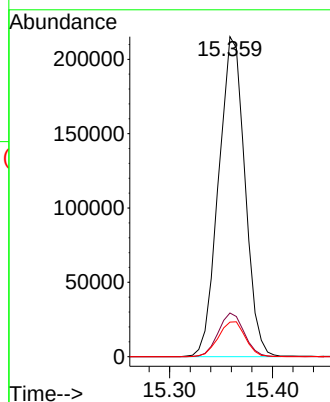
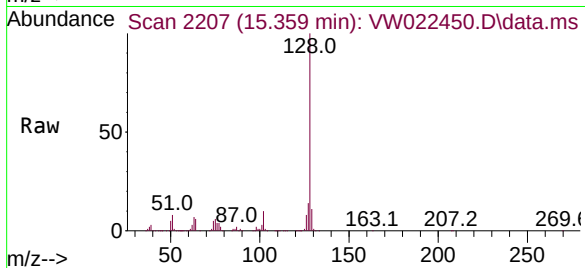
Tgt Ion:128 Resp: 381966

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.222 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022450.D

Acq: 08 Apr 2022 08:48

Tgt Ion:180 Resp: 148754

Ion Ratio Lower Upper

180 100

182 96.0 73.4 110.0

145 36.1 27.0 40.6

