

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
 Data File : VW022942.D
 Acq On : 10 May 2022 08:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: May 11 01:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	319941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	121594	18.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.885	69	95368	22.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.019	63	184869	21.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.200%
21) 2-Butanone-d5	7.074	46	60515	48.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.980%
24) Chloroform-d	7.647	84	237381	25.325	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	8.305	65	123037	23.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.720%
32) Benzene-d6	8.275	84	429445	23.584	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	9.268	67	128504	25.123	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	412597	23.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.573	79	54785	23.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.920	63	48934	50.115	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119769	25.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	157240	24.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28056	16.086	ug/L	95
3) Chloromethane	2.221	50	79957	23.724	ug/L	99
5) Vinyl chloride	2.361	62	156449	23.130	ug/L	99
6) Bromomethane	2.782	94	96636	22.252	ug/L	98
8) Chloroethane	2.922	64	83941	25.730	ug/L	99
9) Trichlorofluoromethane	3.257	101	86871	28.100	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117107	25.334	ug/L	97
12) 1,1-Dichloroethene	4.037	96	99884	24.375	ug/L	99
13) Acetone	4.117	43	40094	42.909	ug/L	99
14) Carbon disulfide	4.385	76	238876	21.263	ug/L	99
15) Methyl Acetate	4.672	43	40985	21.833	ug/L	99
16) Methylene chloride	4.915	84	113963	24.343	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	112131	24.316	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	182849	25.975	ug/L	98
19) 1,1-Dichloroethane	6.214	63	203563	26.046	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	129423	26.130	ug/L #	99
22) 2-Butanone	7.171	43	60104	45.995	ug/L	99
23) Bromochloromethane	7.512	128	56902	24.531	ug/L	87
25) Chloroform	7.677	83	233464	27.015	ug/L	99

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 Response via : Initial Calibration

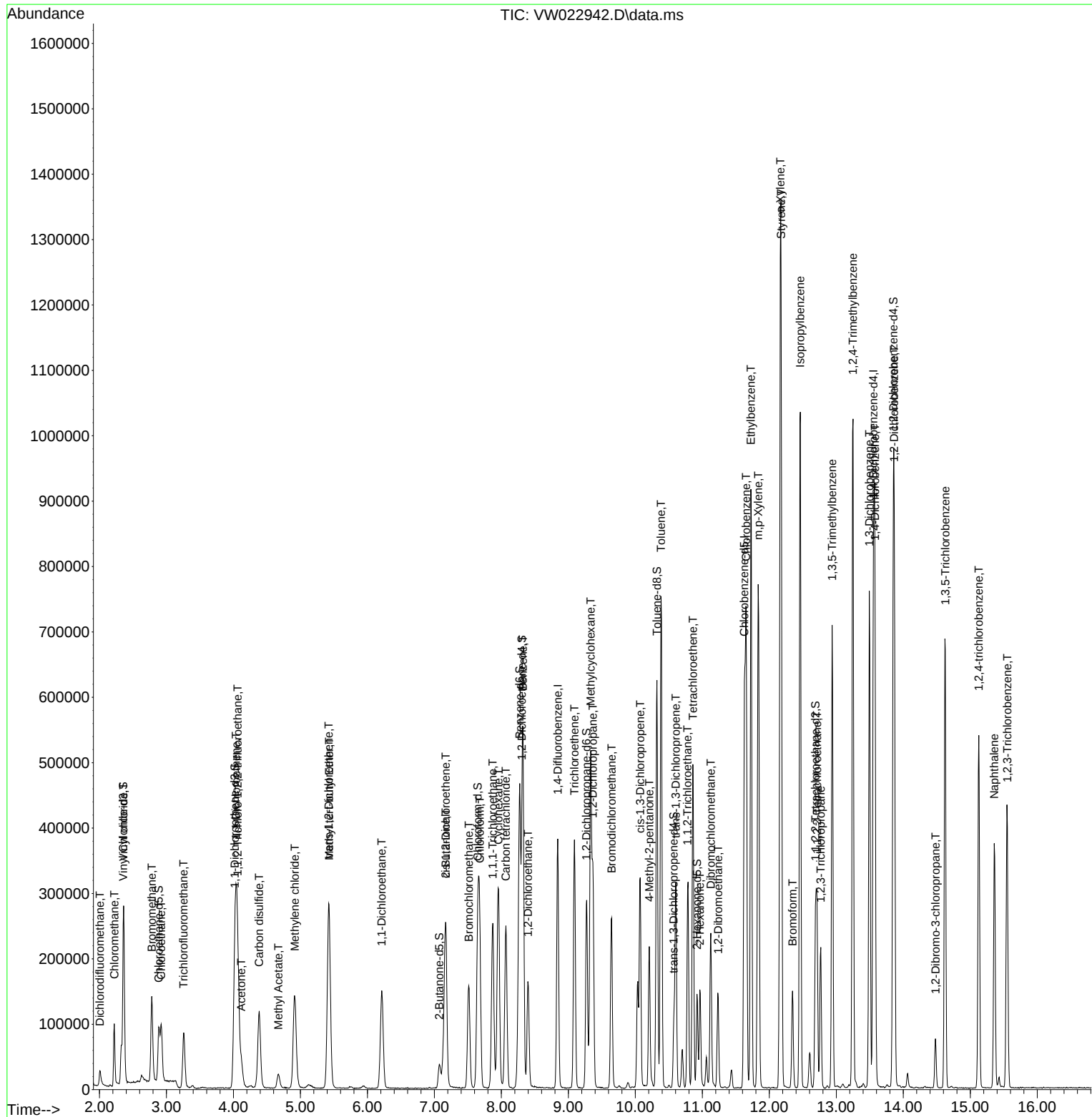
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	147075	25.531	ug/L	98
29) Cyclohexane	7.957	56	166772	24.410	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	201234	26.955	ug/L	99
31) Carbon tetrachloride	8.067	117	180087	25.787	ug/L	99
33) Benzene	8.323	78	479857	25.784	ug/L	100
34) Trichloroethene	9.091	95	129337	25.270	ug/L	98
35) Methylcyclohexane	9.335	83	205859	24.484	ug/L	97
37) 1,2-Dichloropropane	9.366	63	117665	26.126	ug/L	100
38) Bromodichloromethane	9.646	83	168931	26.408	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	186949	26.771	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	131798	46.430	ug/L	98
42) Toluene	10.384	91	557261	26.719	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	164166	26.338	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	98398	26.135	ug/L	92
46) Tetrachloroethene	10.859	164	98214	25.535	ug/L	93
48) 2-Hexanone	10.963	43	91084	48.023	ug/L	99
49) Dibromochloromethane	11.128	129	119777	26.433	ug/L	94
50) 1,2-Dibromoethane	11.237	107	91567	24.221	ug/L	99
51) Chlorobenzene	11.652	112	364876	26.536	ug/L	98
52) Ethylbenzene	11.725	91	629936	27.148	ug/L	99
53) m,p-Xylene	11.835	106	251309	27.487	ug/L	98
54) o-Xylene	12.164	106	241895	27.571	ug/L	99
55) Styrene	12.176	104	419368	28.130	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	118681	25.238	ug/L	97
59) Bromoform	12.347	173	62262	24.310	ug/L	97
60) Isopropylbenzene	12.463	105	672359	27.157	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84531	23.409	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	366322	26.595	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	567825	27.455	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	296974	26.866	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	293070	25.668	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	262686	25.969	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17943	22.736	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	199149	27.141	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	160394	27.174	ug/L	97
71) Naphthalene	15.359	128	316214	24.649	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133221	25.466	ug/L	98

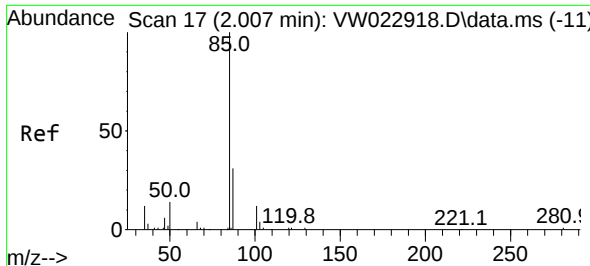
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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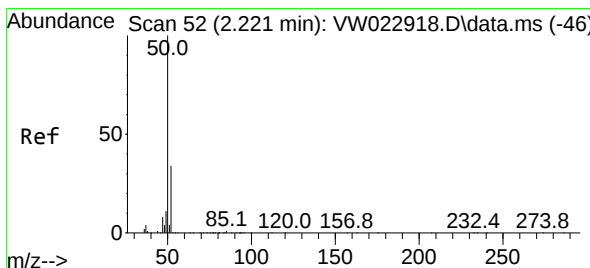
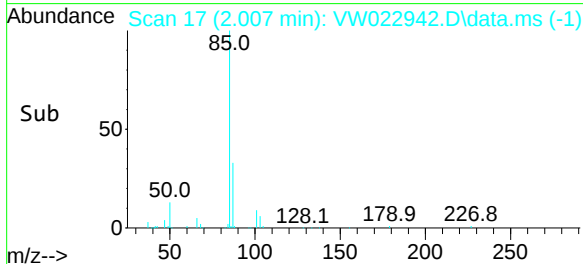
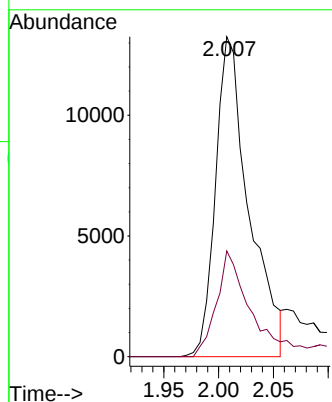
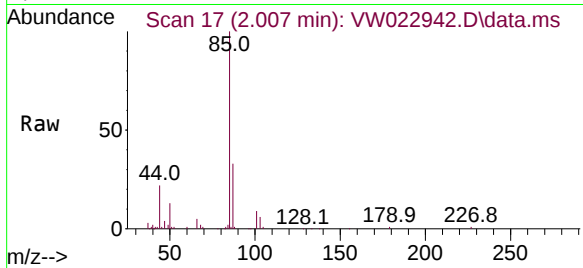




#2
Dichlorodifluoromethane
Concen: 16.086 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

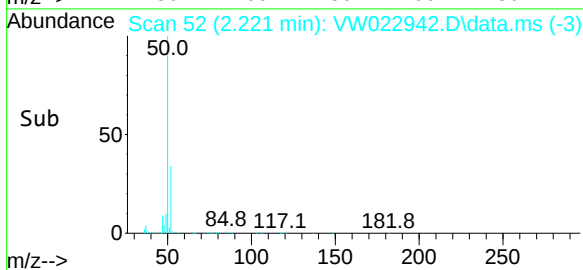
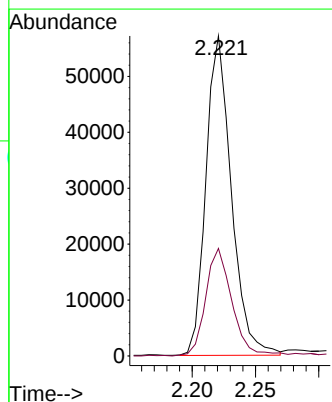
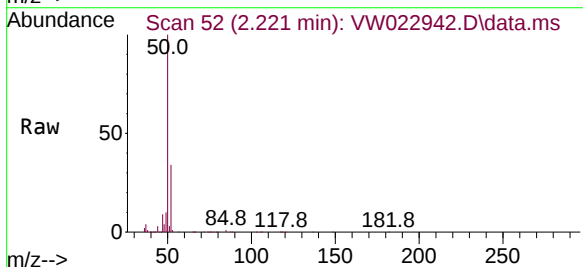
Instrument :
MSVOA_W
ClientSampleId :
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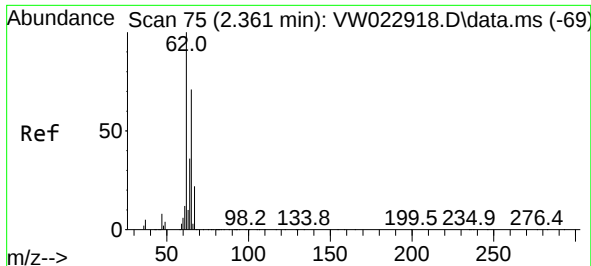
Tgt Ion: 85 Resp: 28056
Ion Ratio Lower Upper
85 100
87 31.7 27.8 41.8



#3
Chloromethane
Concen: 23.724 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 50 Resp: 79957
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9

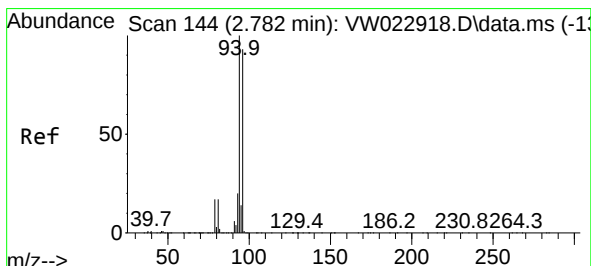
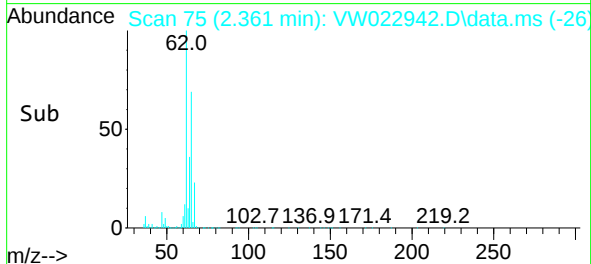
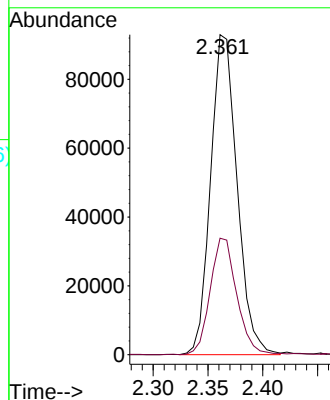
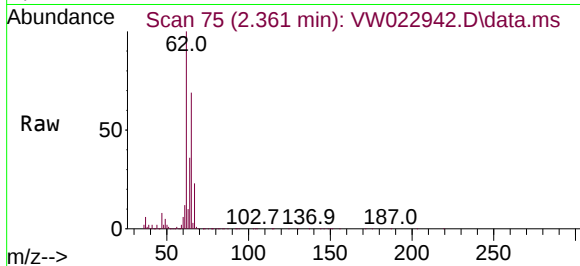




#5
 Vinyl chloride
 Concen: 23.130 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022942.D
 Acq: 10 May 2022 08:50

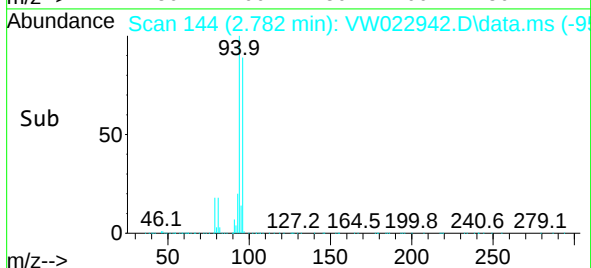
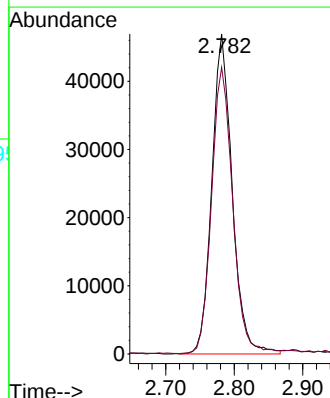
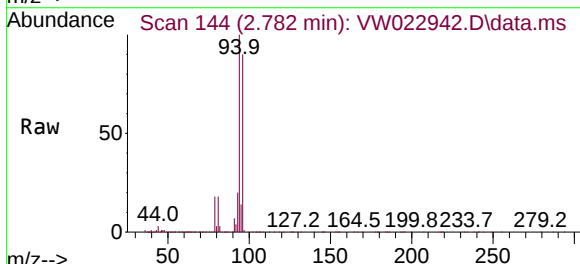
Instrument :
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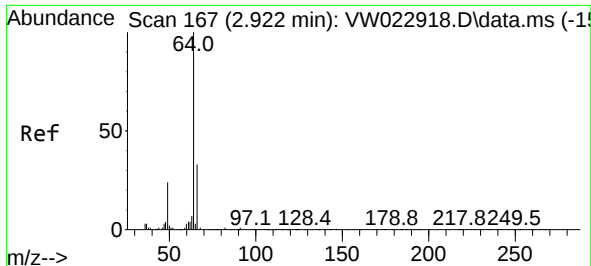
Tgt Ion: 62 Resp: 156449
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.9 46.3



#6
 Bromomethane
 Concen: 22.252 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022942.D
 Acq: 10 May 2022 08:50

Tgt Ion: 94 Resp: 96636
 Ion Ratio Lower Upper
 94 100
 96 89.6 61.7 114.5

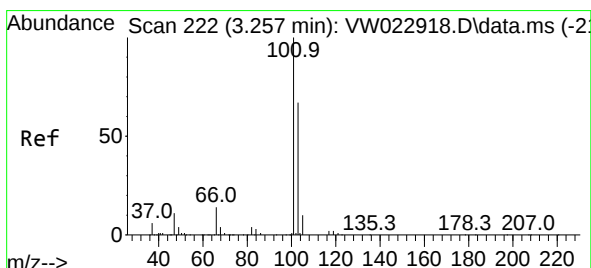
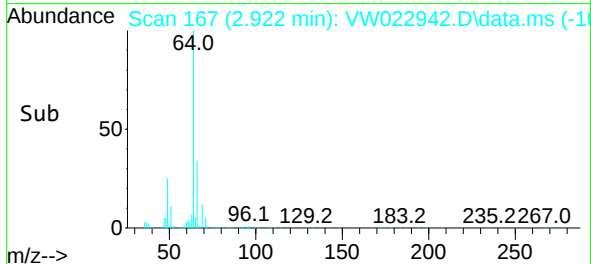
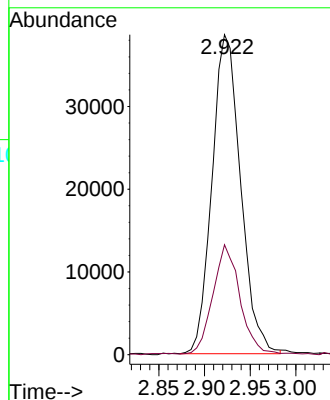
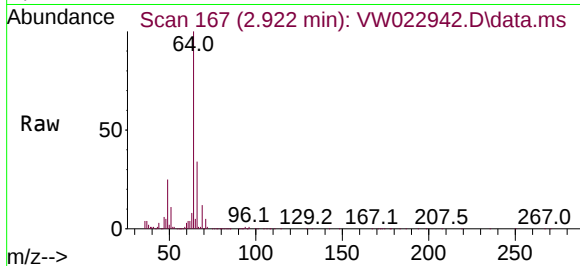




#8
Chloroethane
Concen: 25.730 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

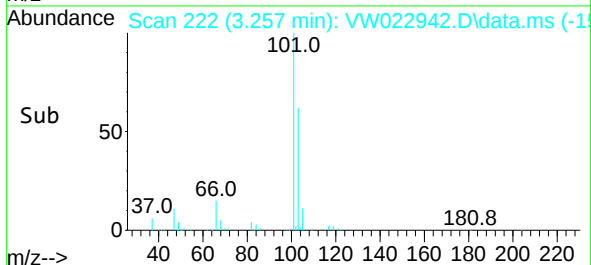
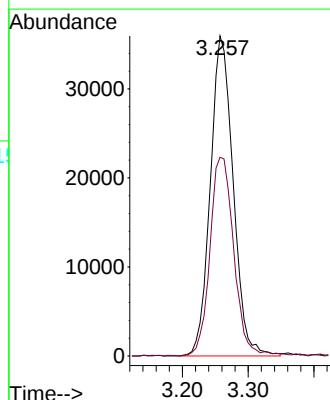
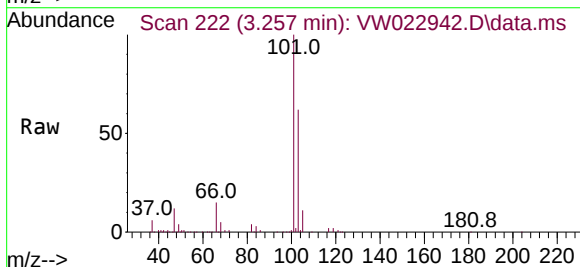
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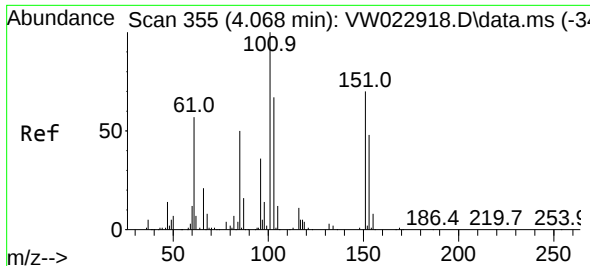
Tgt Ion: 64 Resp: 83941
Ion Ratio Lower Upper
64 100
66 34.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 28.100 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 101 Resp: 86871
Ion Ratio Lower Upper
101 100
103 64.0 53.9 80.9

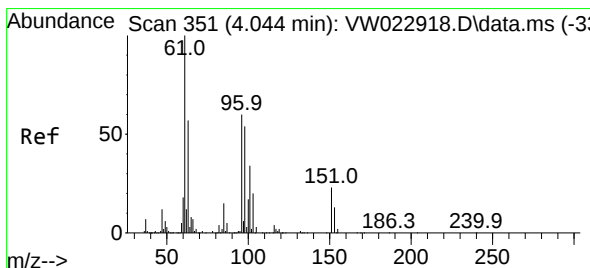
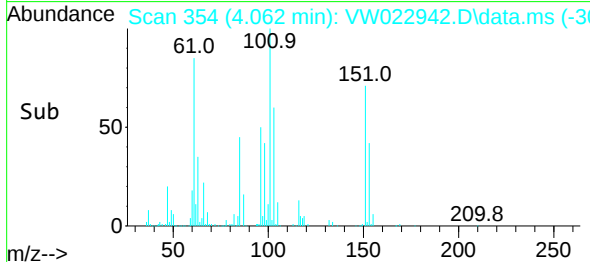
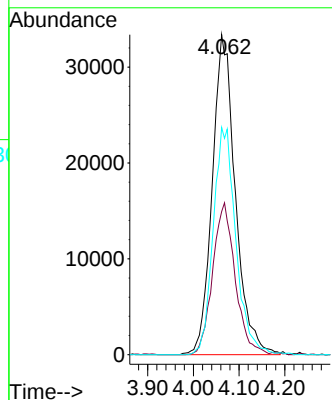
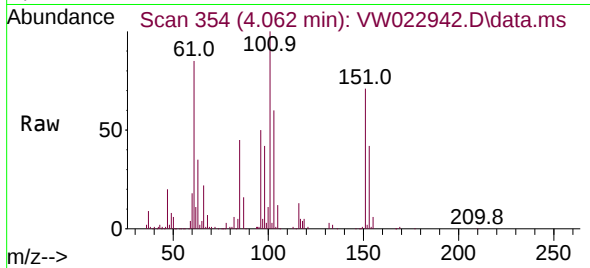




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.334 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022942.D
 Acq: 10 May 2022 08:50

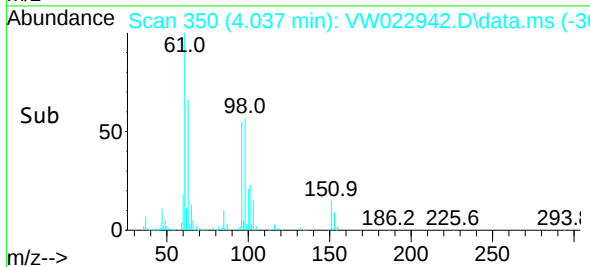
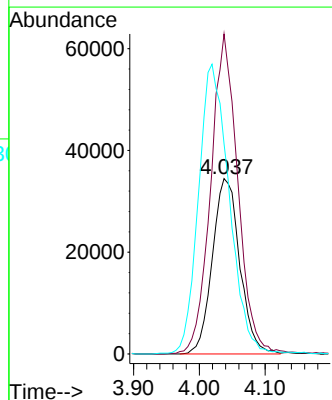
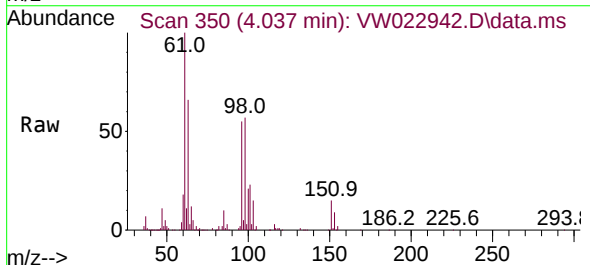
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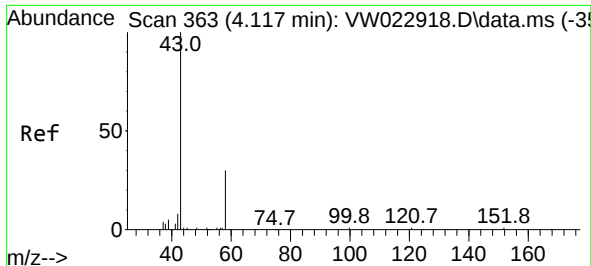
Tgt Ion:101 Resp: 117107
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.3 51.5
 151 69.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.375 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022942.D
 Acq: 10 May 2022 08:50

Tgt Ion: 96 Resp: 99884
 Ion Ratio Lower Upper
 96 100
 61 182.5 125.7 233.5
 63 119.9 83.4 155.0





#13

Acetone

Concen: 42.909 ug/L

RT: 4.117 min Scan# 363

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

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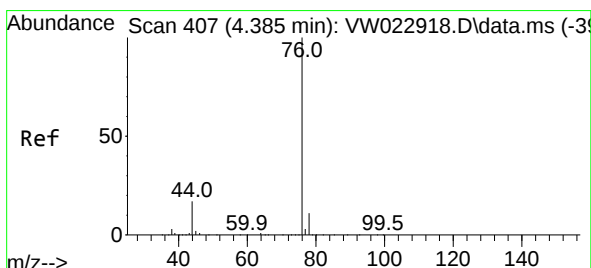
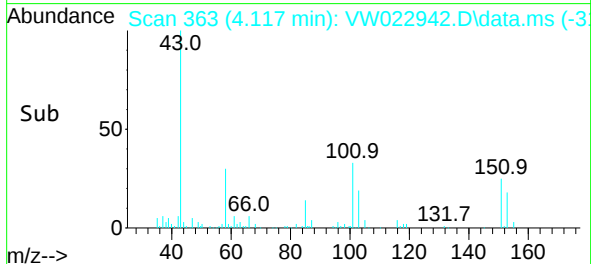
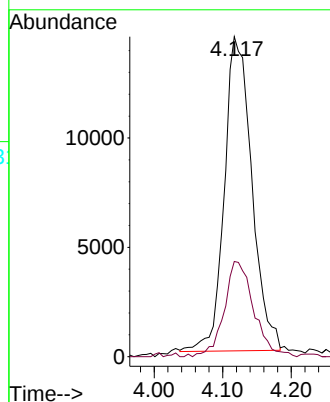
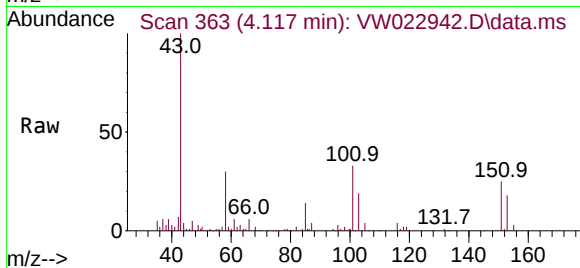
VSTD025524

Tgt Ion: 43 Resp: 40094

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 21.263 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW022942.D

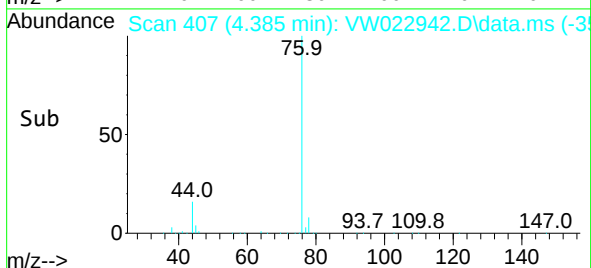
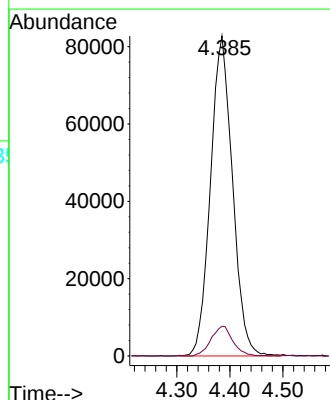
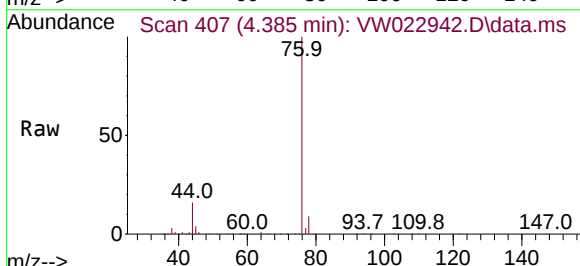
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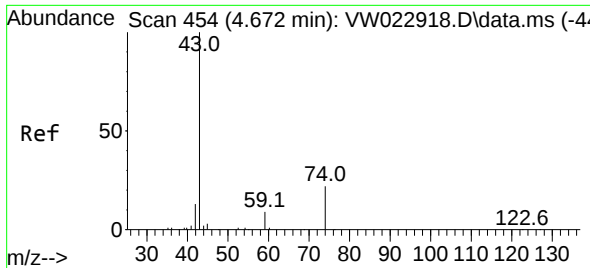
Tgt Ion: 76 Resp: 238876

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

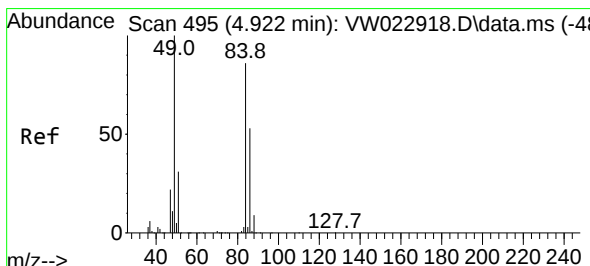
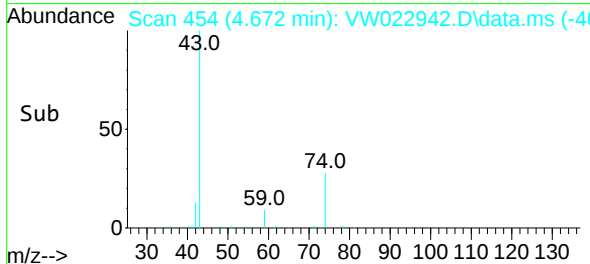
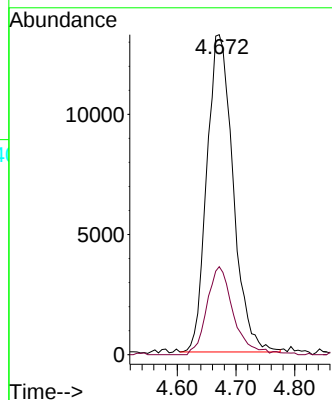
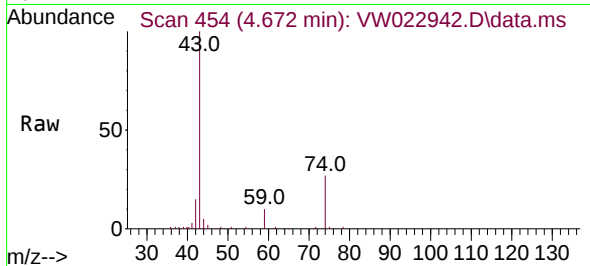




#15
Methyl Acetate
Concen: 21.833 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

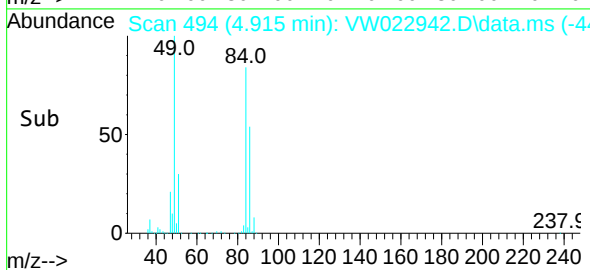
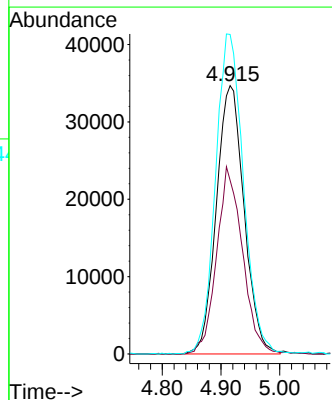
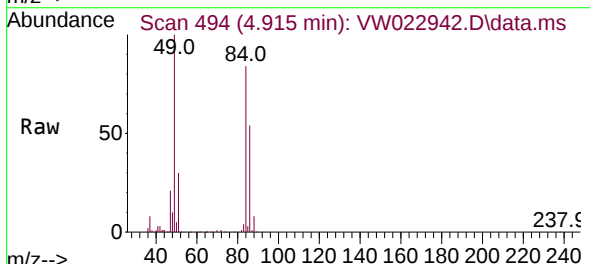
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

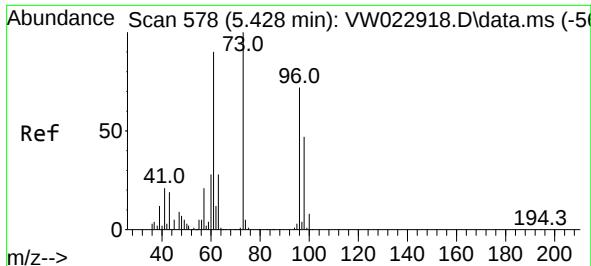
Tgt Ion: 43 Resp: 40985
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9



#16
Methylene chloride
Concen: 24.343 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 84 Resp: 113963
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.4
49 119.1 82.5 153.1

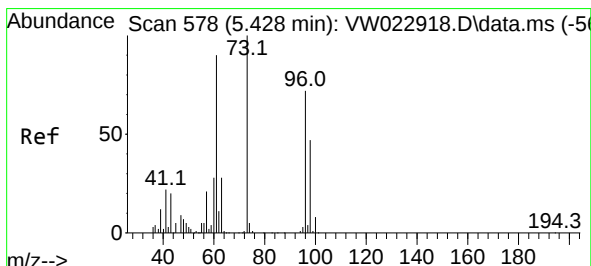
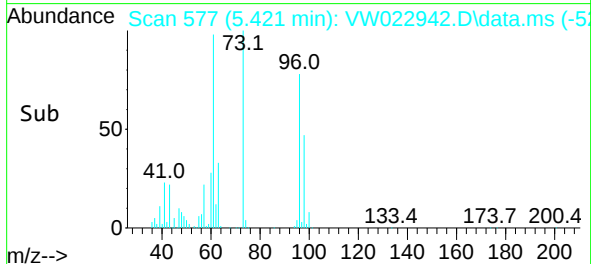
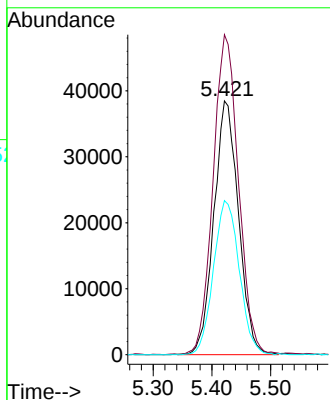
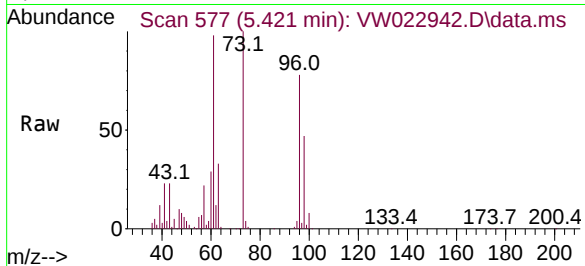




#17
trans-1,2-Dichloroethene
Concen: 24.316 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

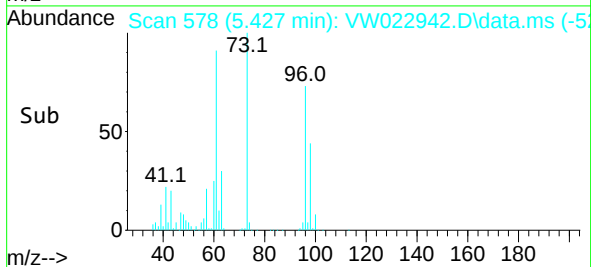
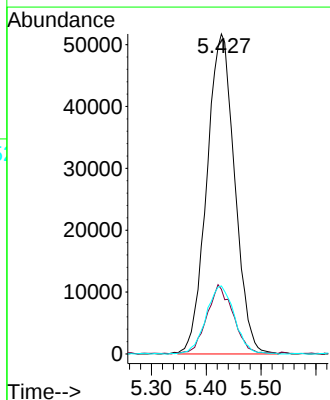
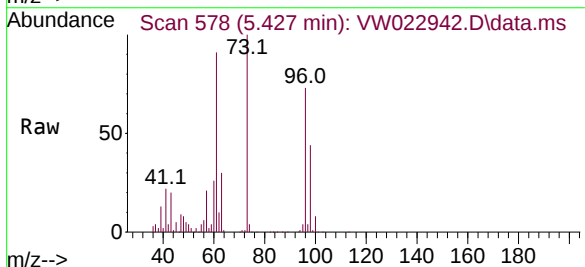
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

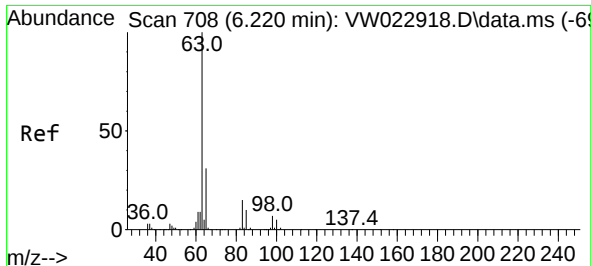
Tgt Ion: 96 Resp: 112131
Ion Ratio Lower Upper
96 100
61 126.1 92.2 171.2
98 60.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.975 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 73 Resp: 182849
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 21.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.046 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

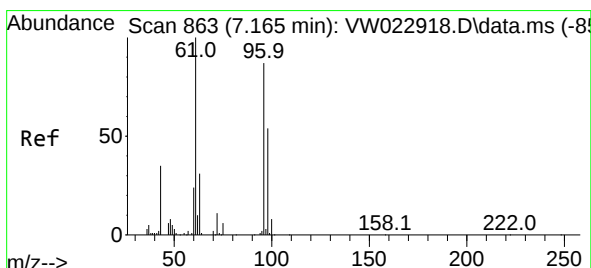
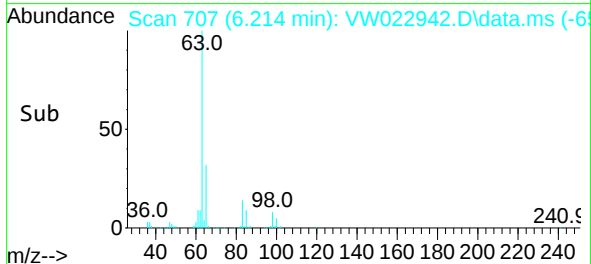
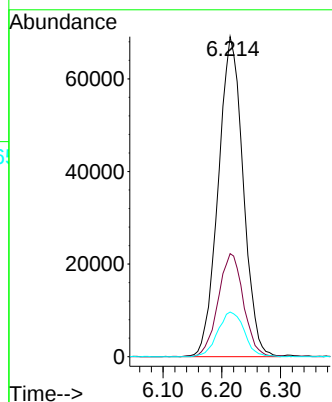
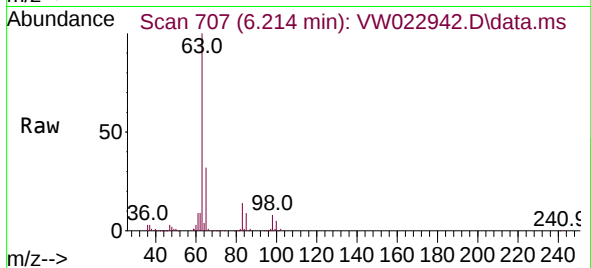
Tgt Ion: 63 Resp: 203563

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 13.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.130 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

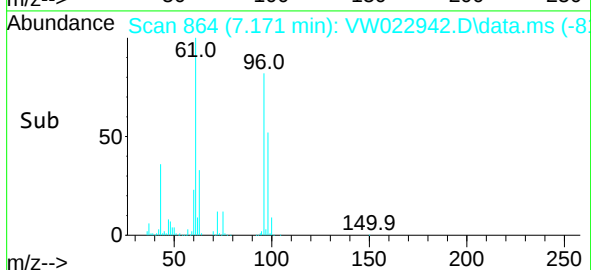
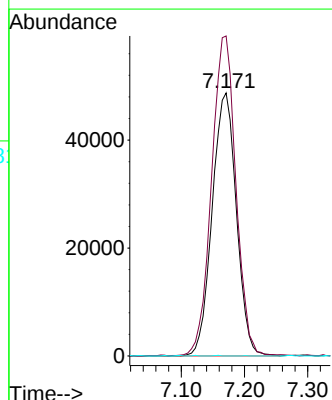
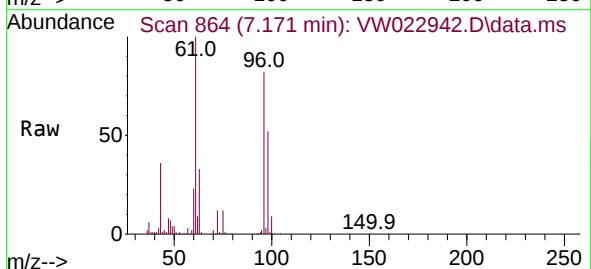
Tgt Ion: 96 Resp: 129423

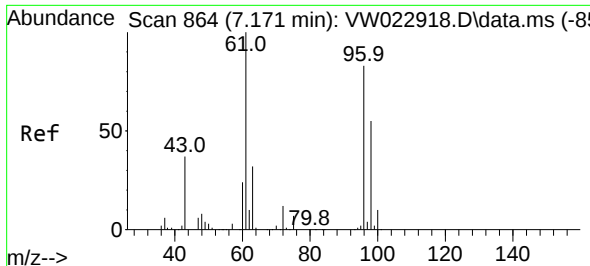
Ion Ratio Lower Upper

96 100

61 121.6 84.2 156.4

68 0.0 0.1 0.1#

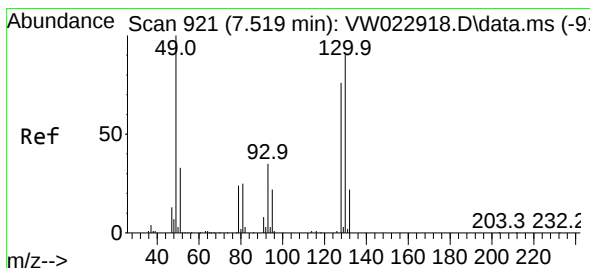
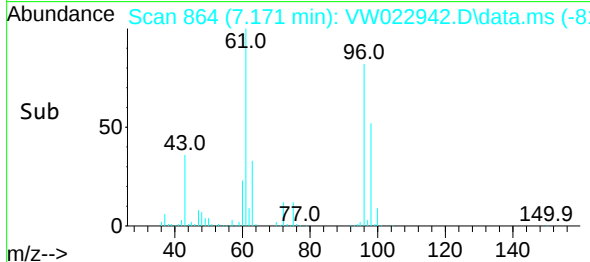
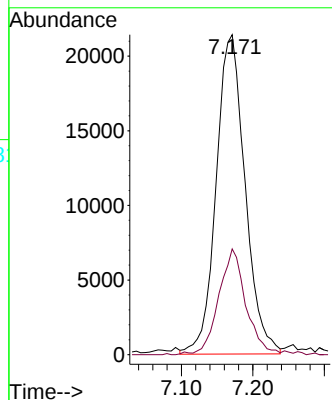
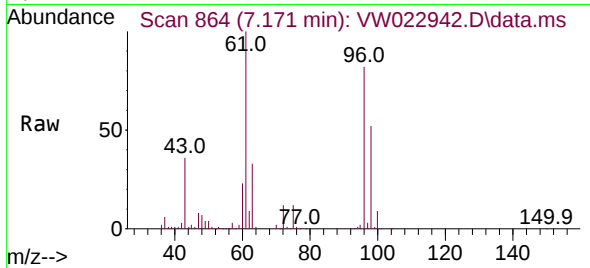




#22
2-Butanone
Concen: 45.995 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

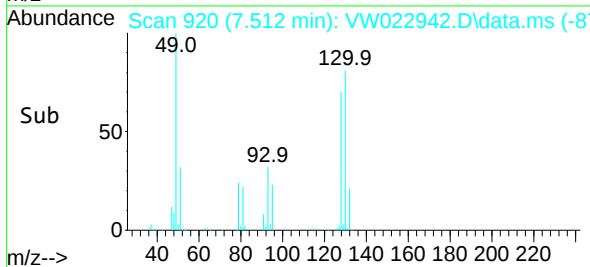
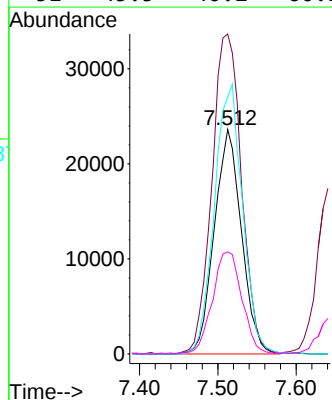
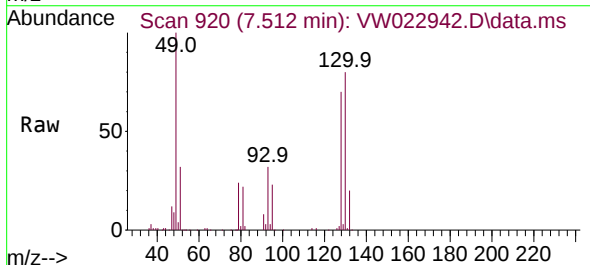
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

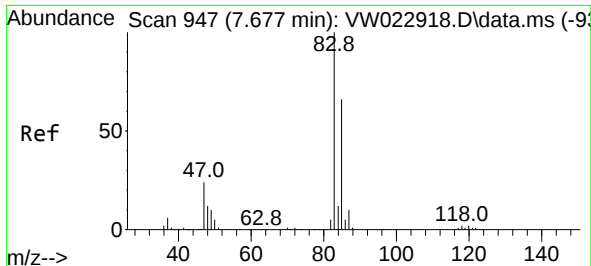
Tgt Ion: 43 Resp: 60104
Ion Ratio Lower Upper
43 100
72 30.5 15.1 45.3



#23
Bromochloromethane
Concen: 24.531 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 128 Resp: 56902
Ion Ratio Lower Upper
128 100
49 142.6 110.0 204.4
130 114.4 94.8 176.0
51 45.5 40.2 60.2

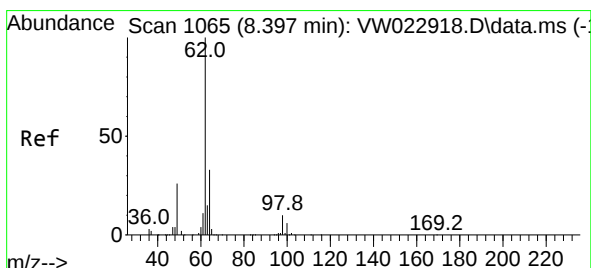
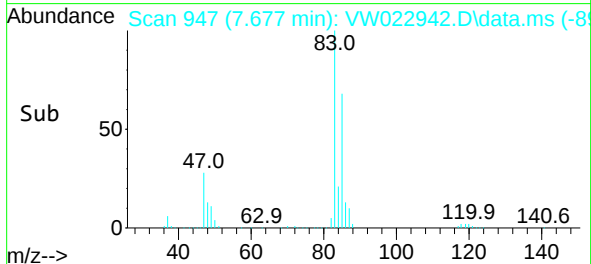
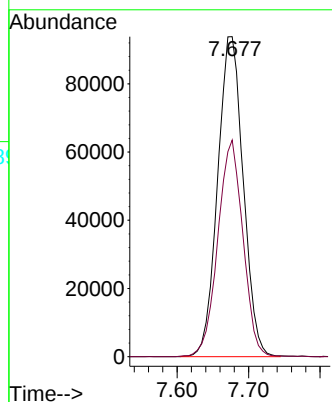
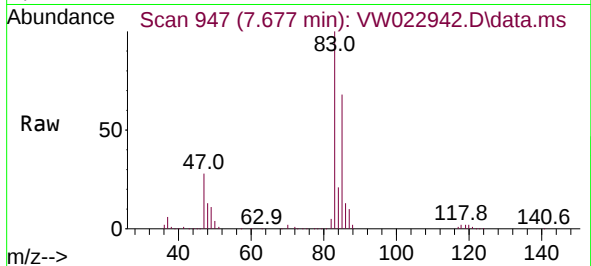




#25
Chloroform
Concen: 27.015 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

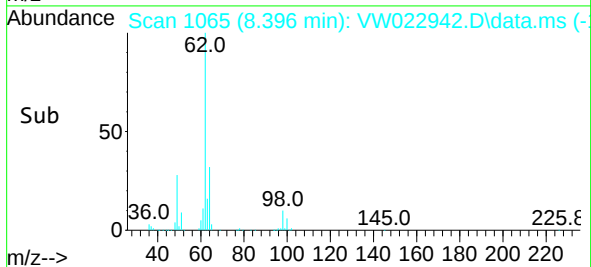
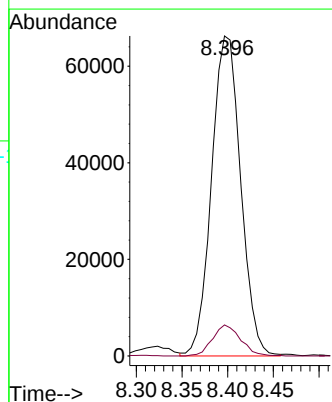
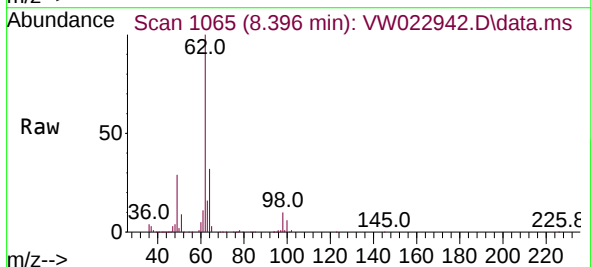
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

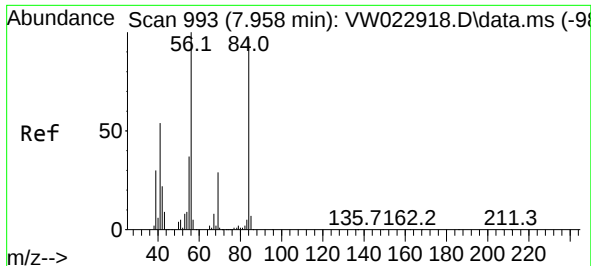
Tgt Ion: 83 Resp: 233464
Ion Ratio Lower Upper
83 100
85 67.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.531 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 62 Resp: 147075
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8

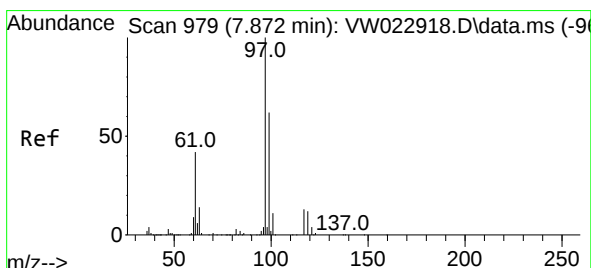
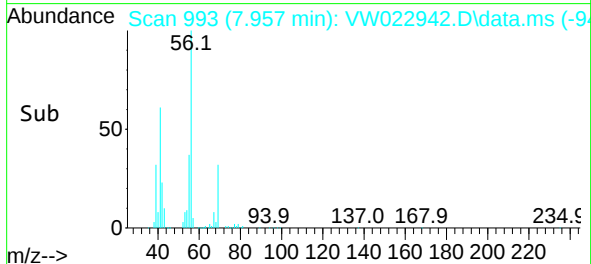
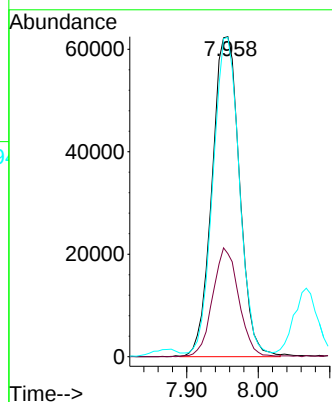
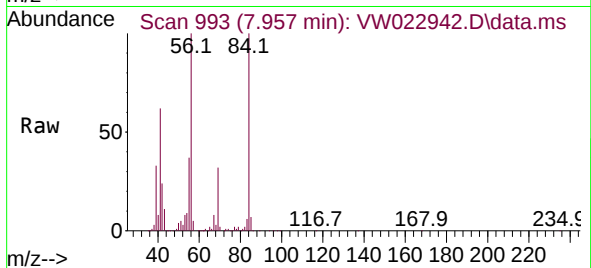




#29
Cyclohexane
Concen: 24.410 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

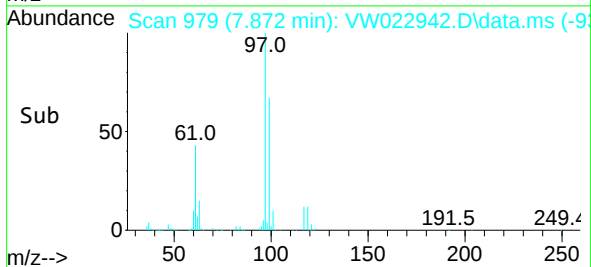
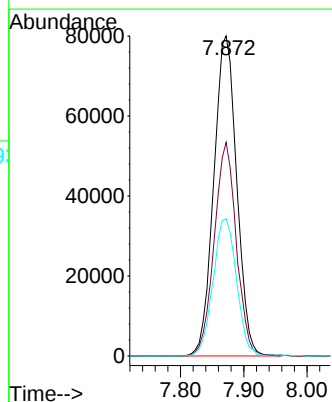
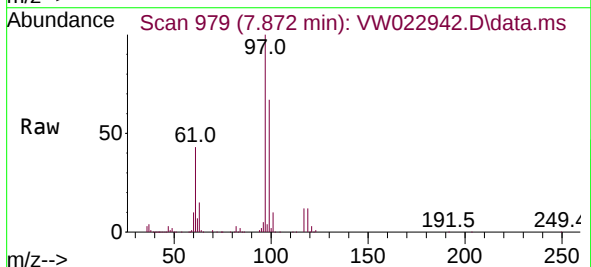
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

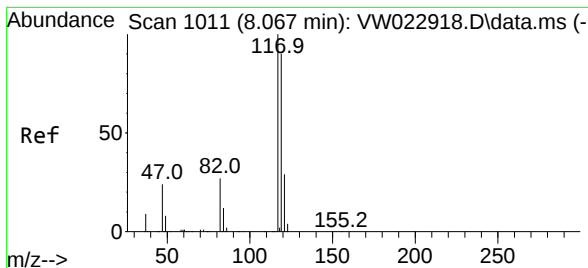
Tgt Ion: 56 Resp: 166772
Ion Ratio Lower Upper
56 100
69 32.2 25.6 38.4
84 96.1 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 26.955 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 97 Resp: 201234
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 43.9 34.8 52.2

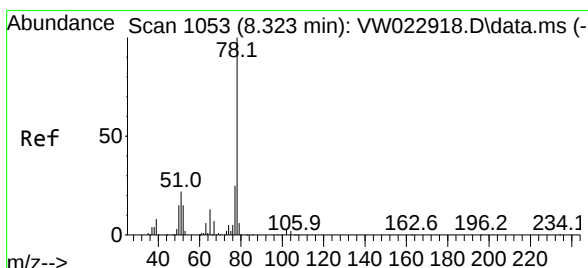
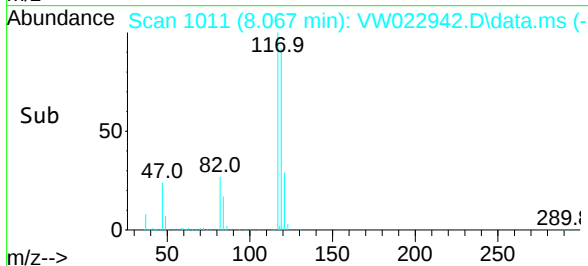
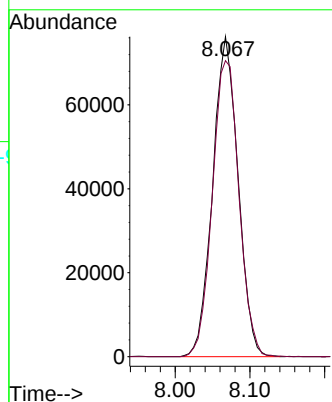
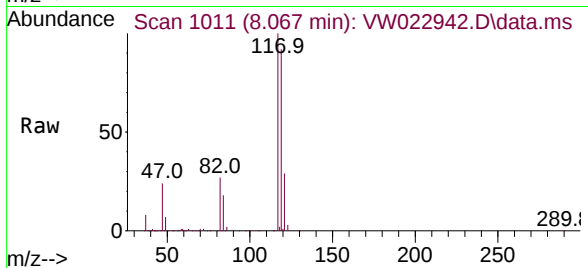




#31
Carbon tetrachloride
Concen: 25.787 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

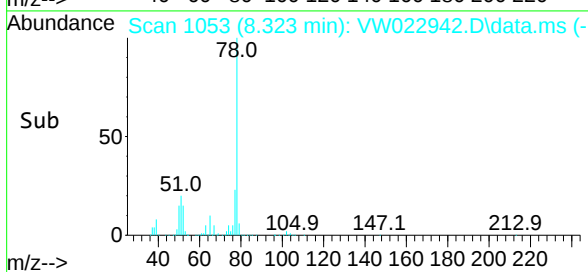
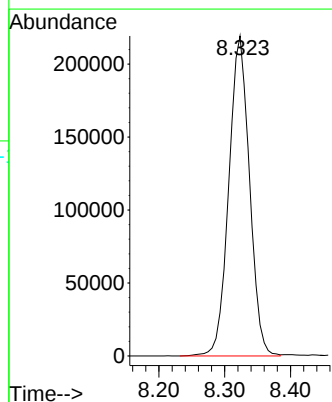
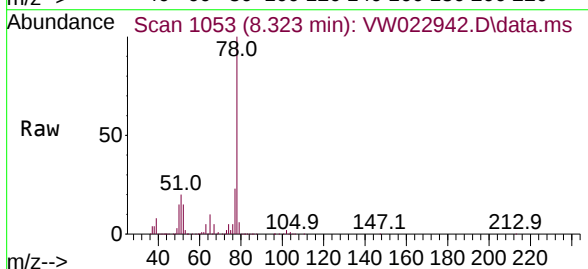
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

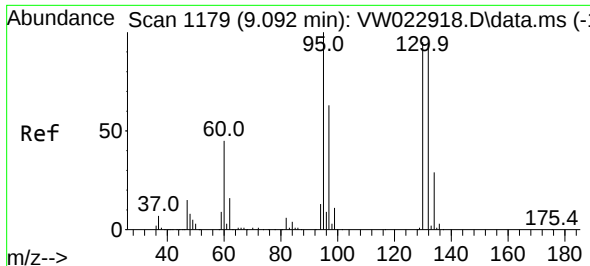
Tgt Ion:117 Resp: 180087
Ion Ratio Lower Upper
117 100
119 97.0 76.6 115.0



#33
Benzene
Concen: 25.784 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 78 Resp: 479857

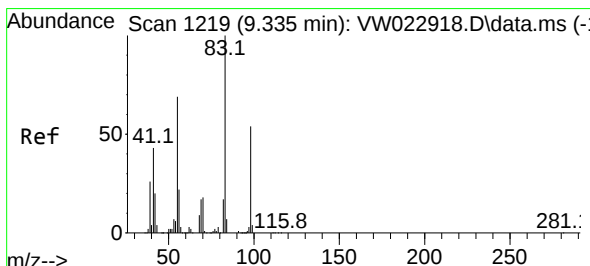
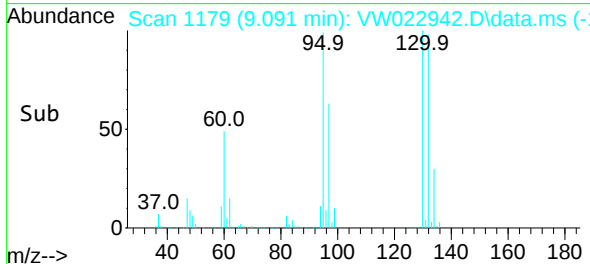
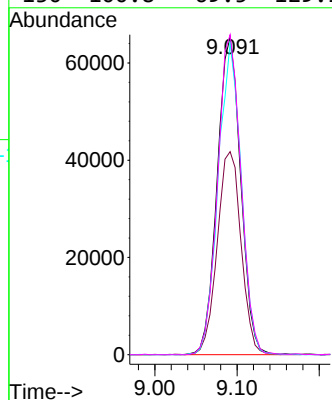
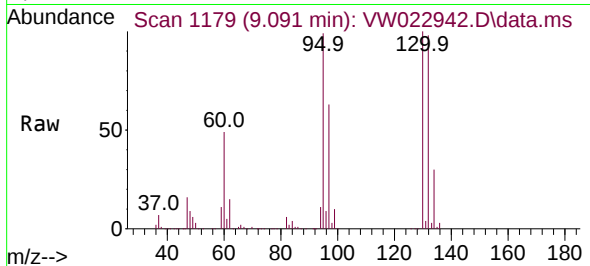




#34
Trichloroethene
Concen: 25.270 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

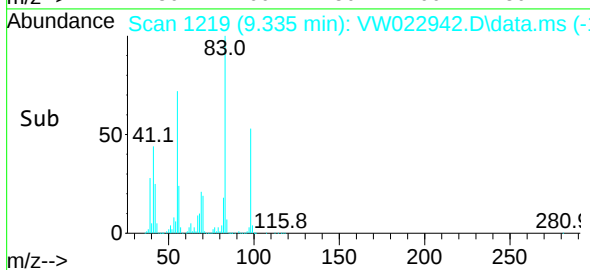
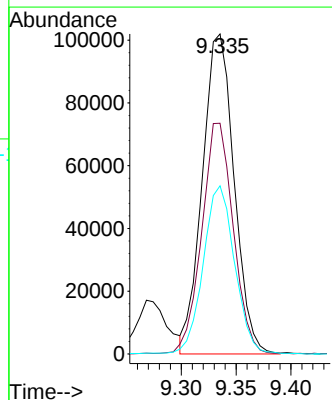
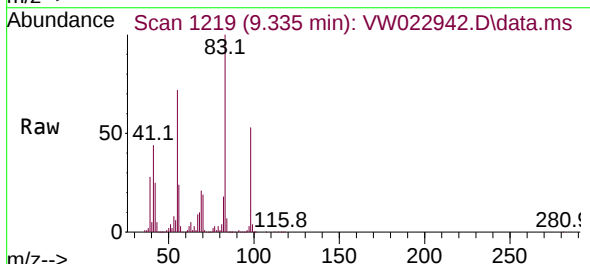
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

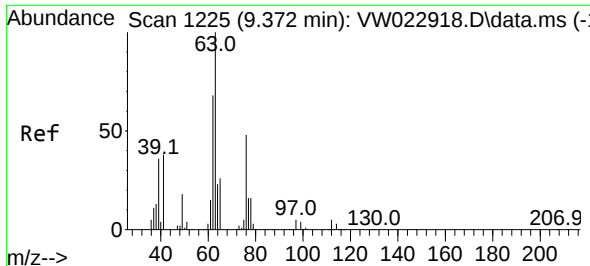
Tgt Ion: 95 Resp: 129337
Ion Ratio Lower Upper
95 100
97 63.9 46.1 85.7
132 98.3 66.9 124.3
130 100.8 69.5 129.1



#35
Methylcyclohexane
Concen: 24.484 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 83 Resp: 205859
Ion Ratio Lower Upper
83 100
55 71.7 55.1 82.7
98 52.0 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.126 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

ClientSampleId :

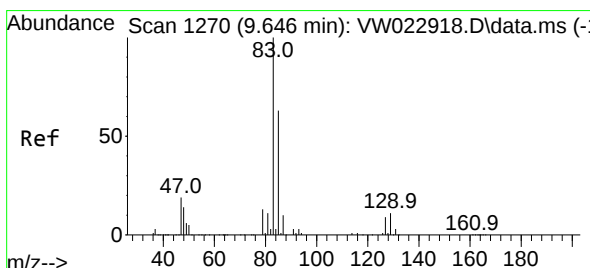
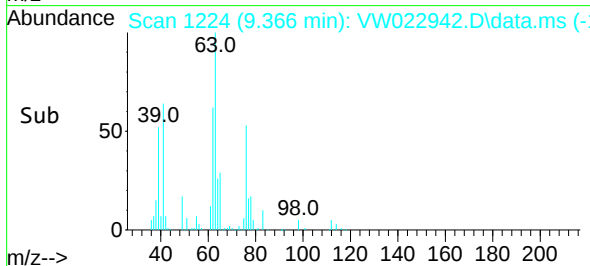
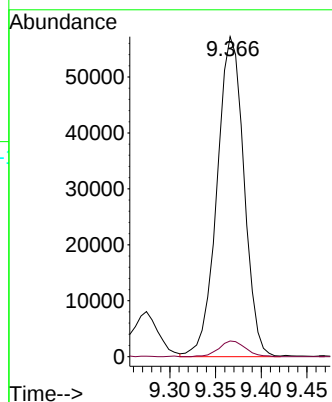
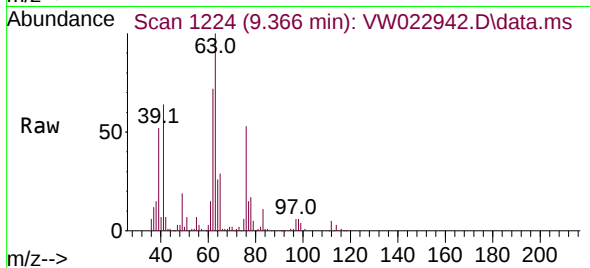
VSTD025524

Tgt Ion: 63 Resp: 117665

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 26.408 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

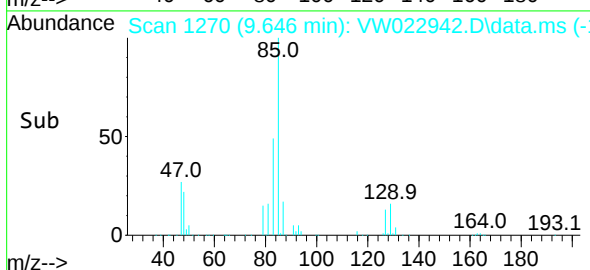
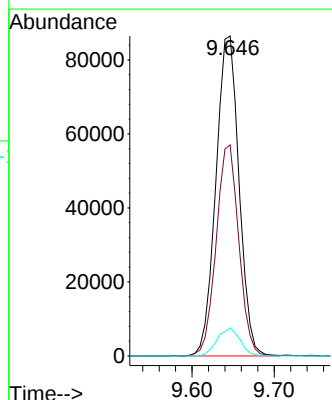
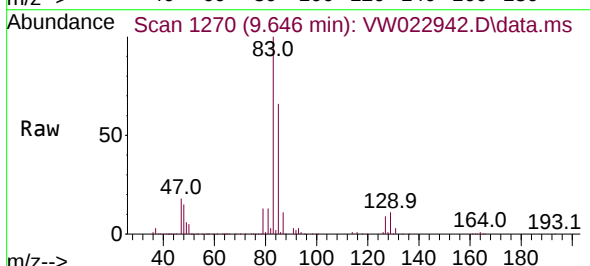
Tgt Ion: 83 Resp: 168931

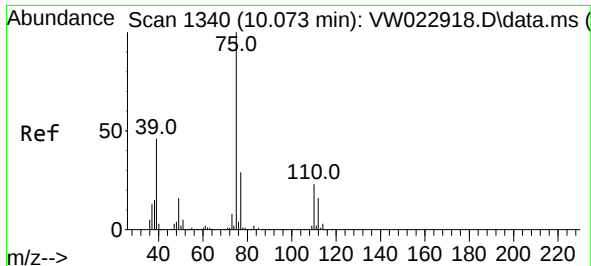
Ion Ratio Lower Upper

83 100

85 66.0 43.5 80.7

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.771 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

ClientSampleId :

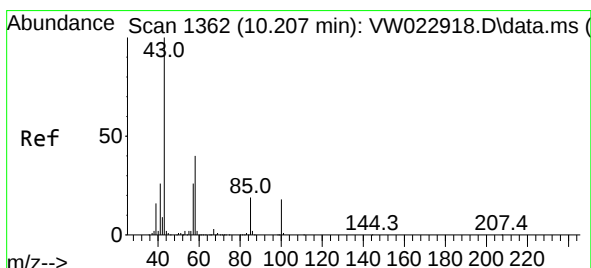
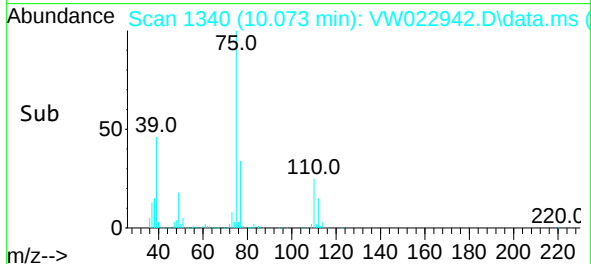
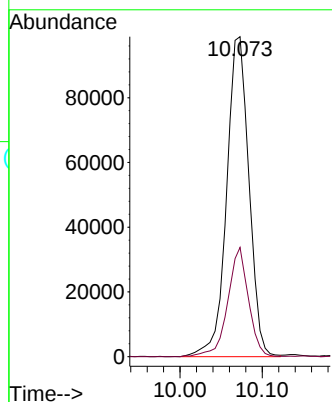
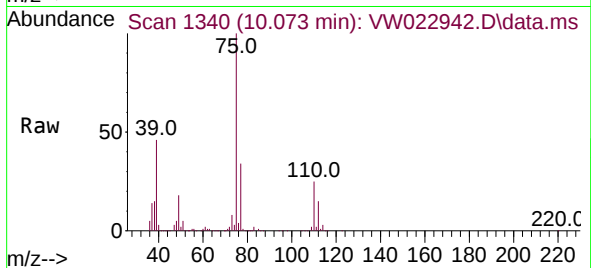
VSTD025524

Tgt Ion: 75 Resp: 186949

Ion Ratio Lower Upper

75 100

77 34.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.430 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

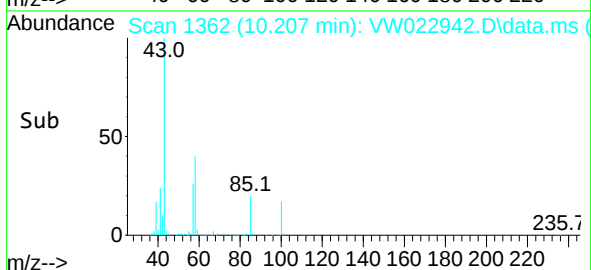
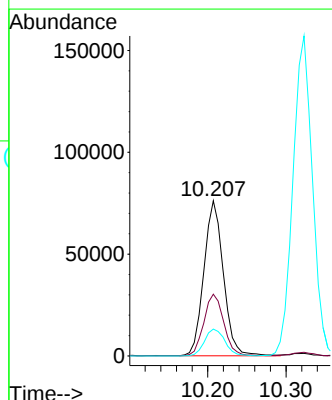
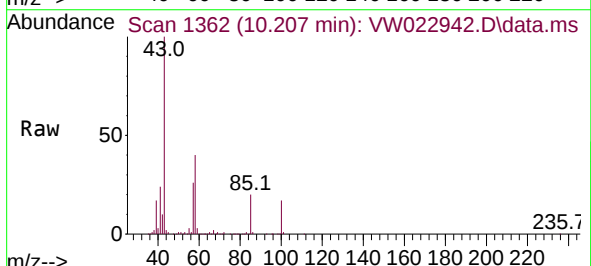
Tgt Ion: 43 Resp: 131798

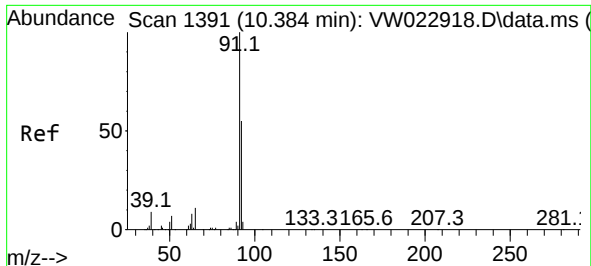
Ion Ratio Lower Upper

43 100

58 41.1 31.4 47.2

100 18.2 14.2 21.4

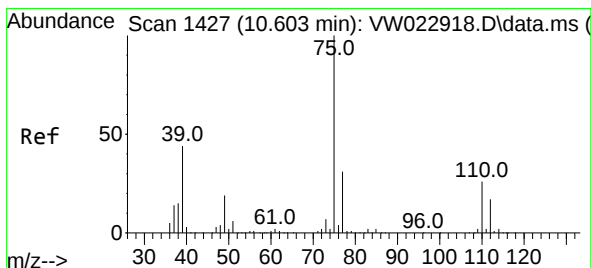
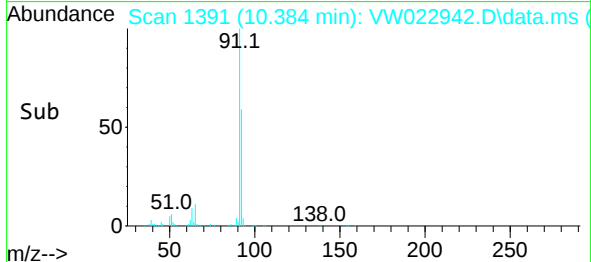
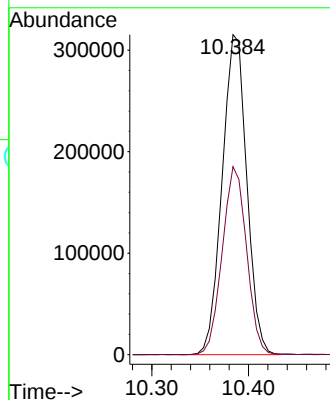
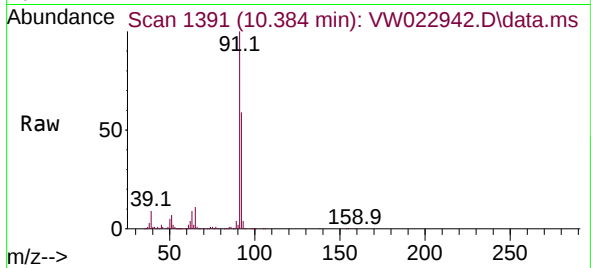




#42
Toluene
Concen: 26.719 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

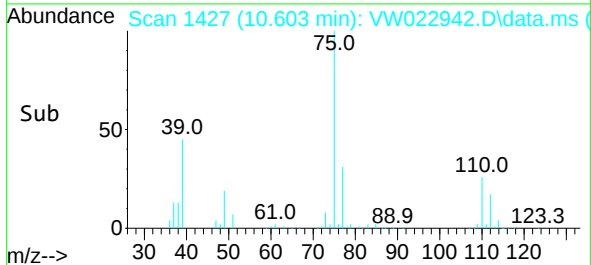
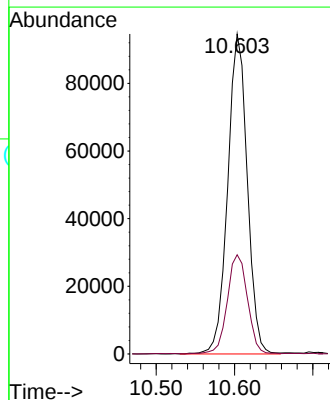
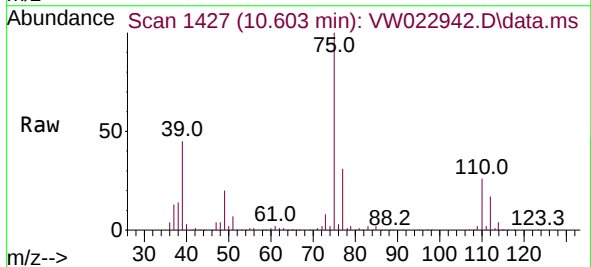
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

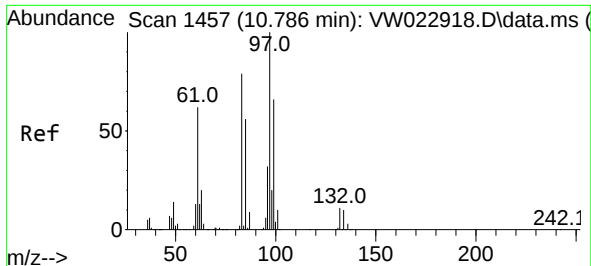
Tgt Ion: 91 Resp: 557261
Ion Ratio Lower Upper
91 100
92 58.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.338 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 75 Resp: 164166
Ion Ratio Lower Upper
75 100
77 31.0 22.0 40.8

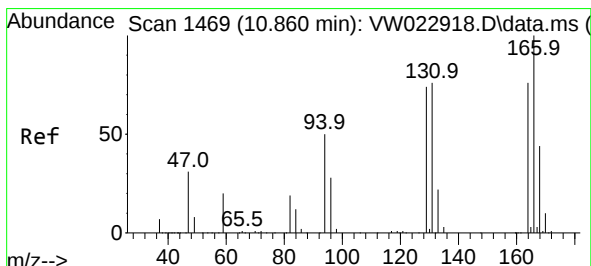
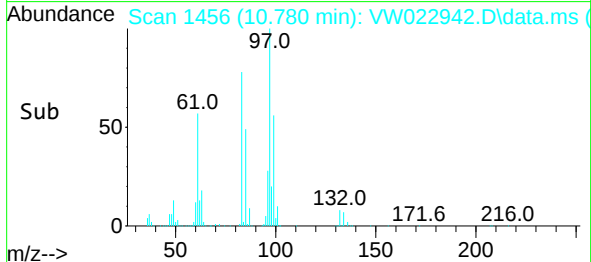
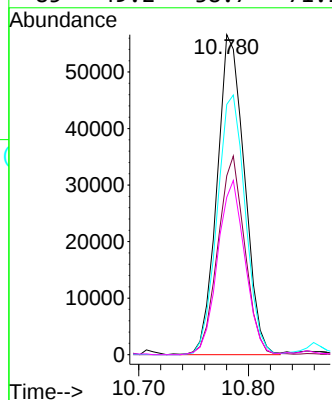
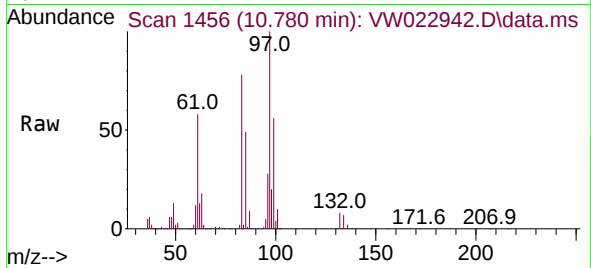




#45
1,1,2-Trichloroethane
Concen: 26.135 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

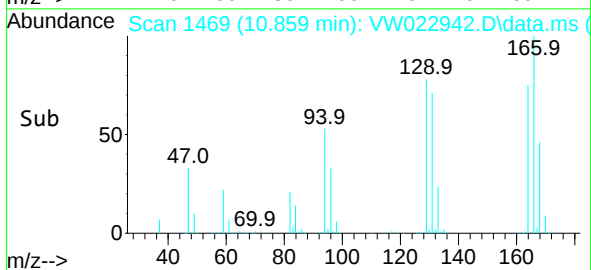
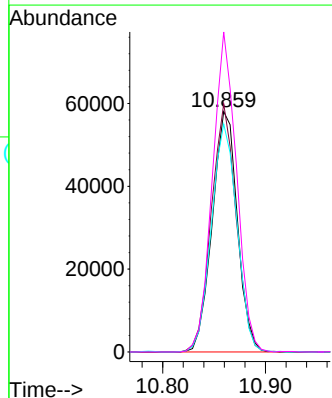
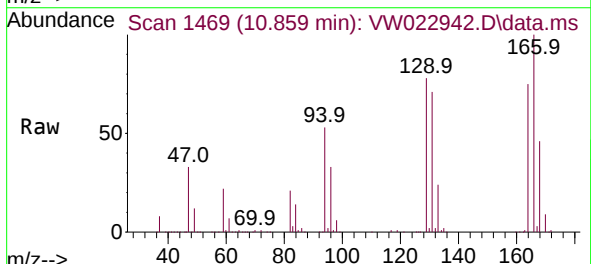
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

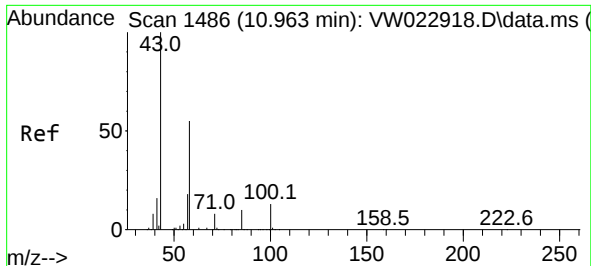
Tgt Ion: 97	Resp: 98398
Ion Ratio	Lower Upper
97	100
99	55.9 44.7 82.9
83	78.2 58.4 108.4
85	49.2 38.7 71.9



#46
Tetrachloroethene
Concen: 25.535 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 164	Resp: 98214
Ion Ratio	Lower Upper
164	100
129	103.2 76.9 142.7
131	94.8 75.1 139.5
166	133.1 96.0 178.2

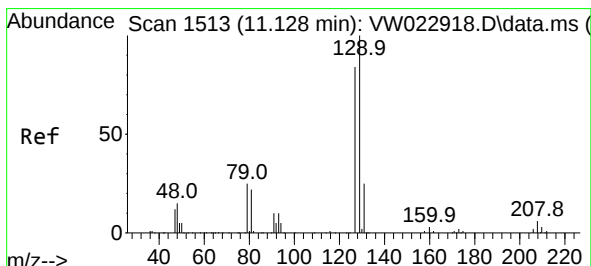
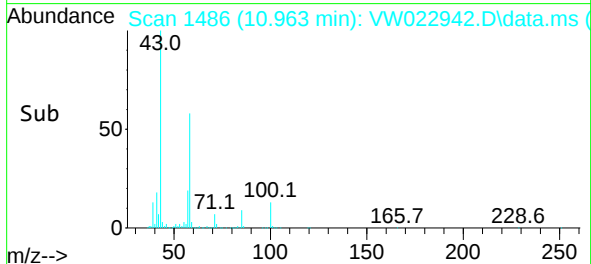
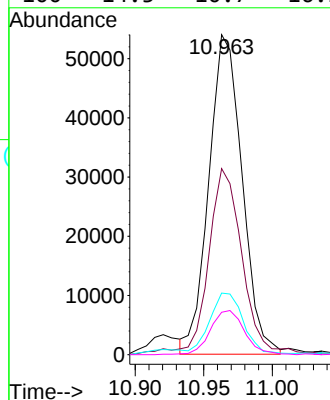
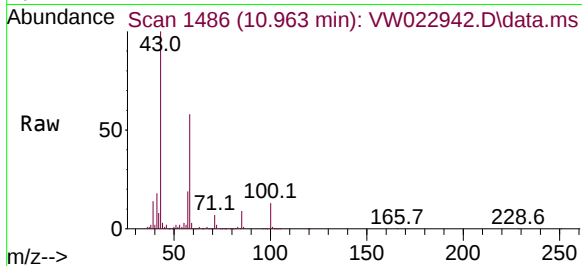




#48
2-Hexanone
Concen: 48.023 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

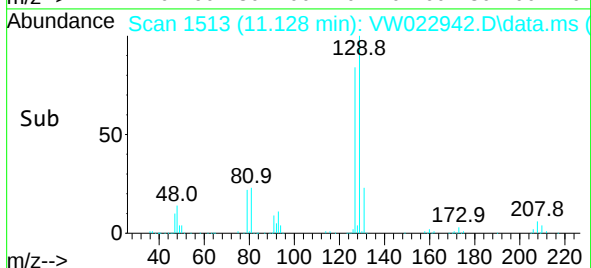
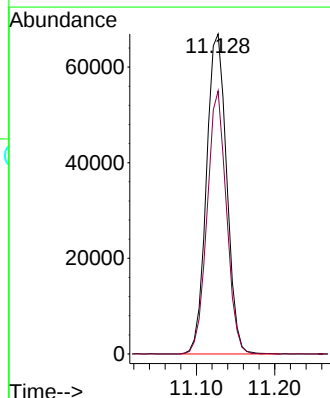
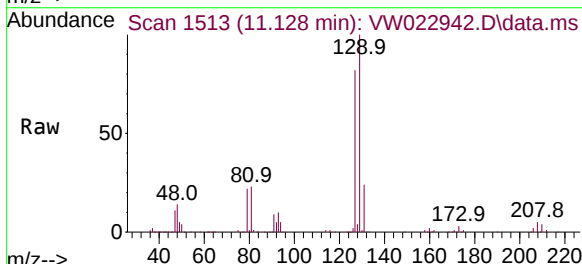
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

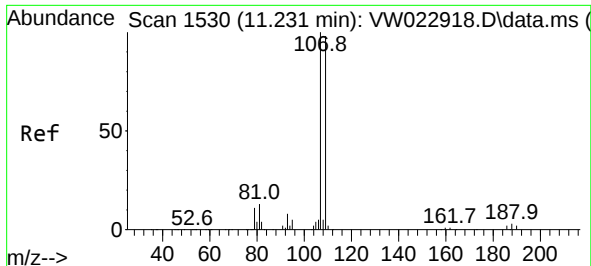
Tgt Ion: 43	Resp: 91084
Ion Ratio	Lower Upper
43 100	
58 57.4	45.9 68.9
57 19.7	16.2 24.2
100 14.3	10.7 16.1



#49
Dibromochloromethane
Concen: 26.433 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion:129	Resp: 119777
Ion Ratio	Lower Upper
129 100	
127 82.2	53.8 100.0

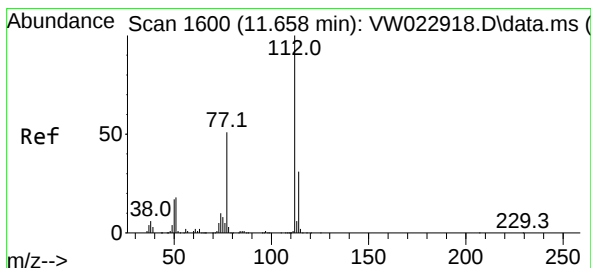
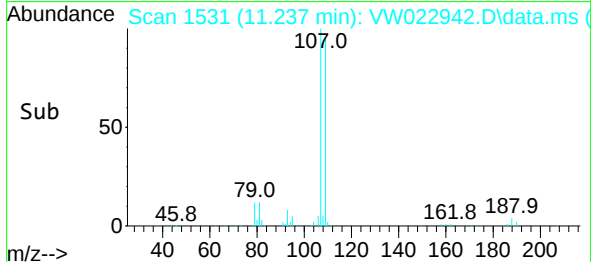
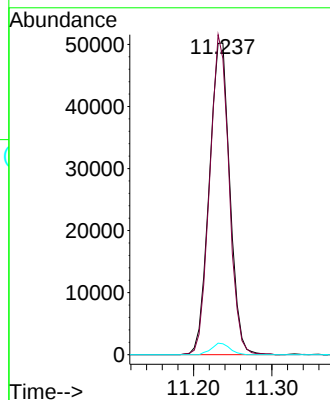
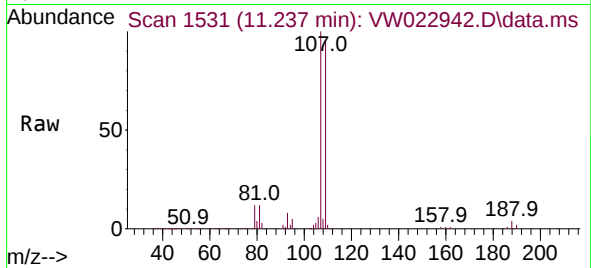




#50
1,2-Dibromoethane
Concen: 24.221 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

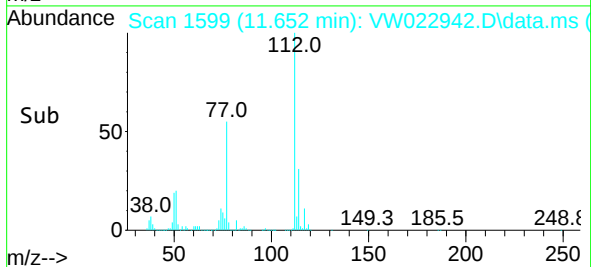
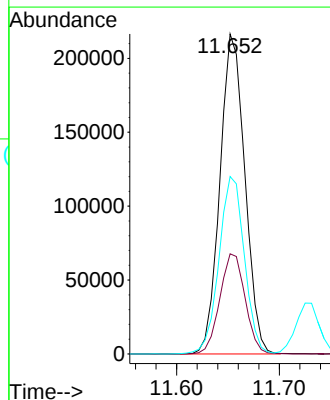
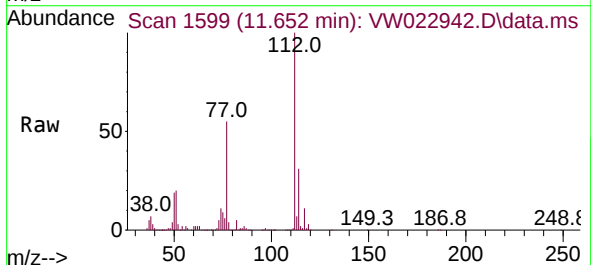
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

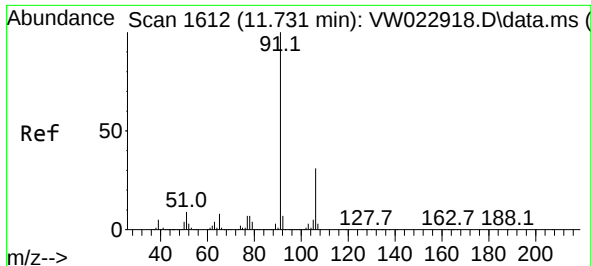
Tgt Ion:107 Resp: 91567
Ion Ratio Lower Upper
107 100
109 95.0 67.5 125.4
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 26.536 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion:112 Resp: 364876
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 55.4 42.6 63.8

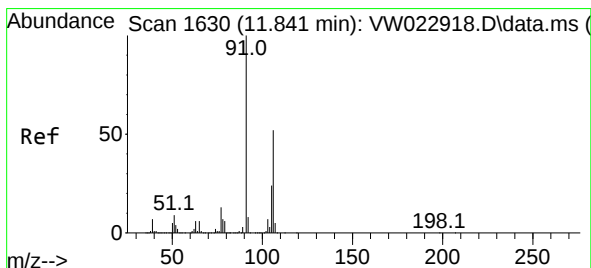
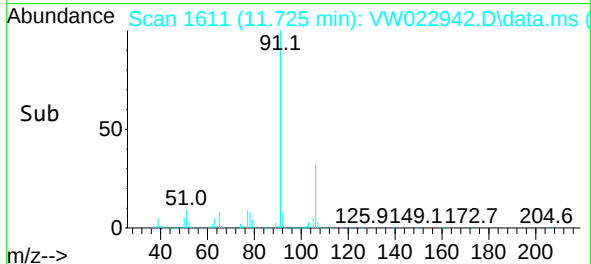
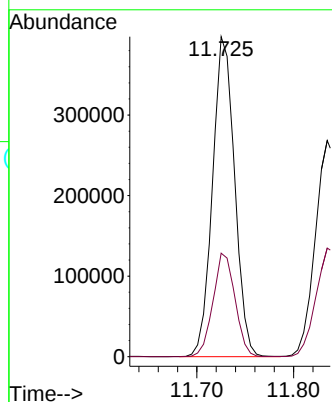
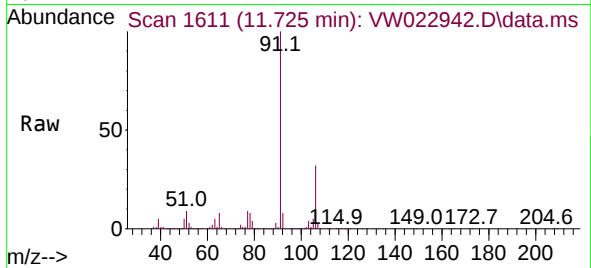




#52
Ethylbenzene
Concen: 27.148 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

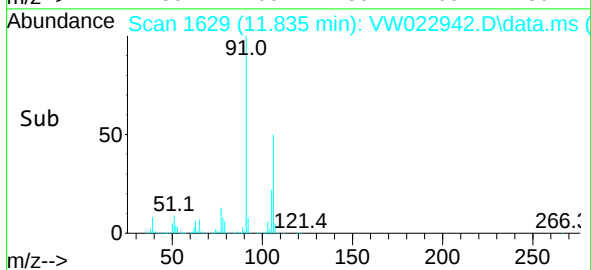
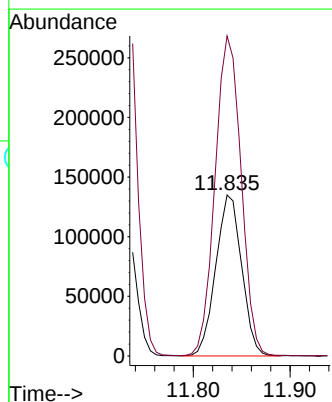
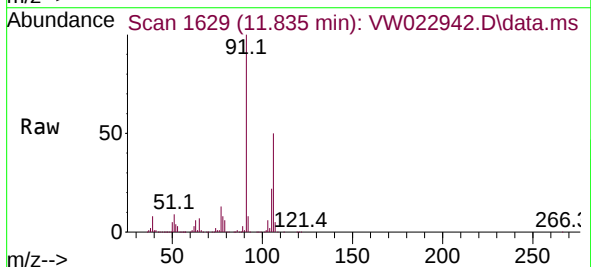
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

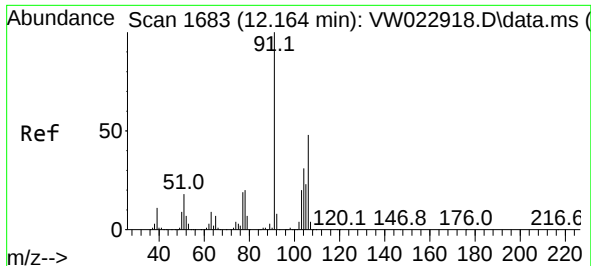
Tgt Ion: 91 Resp: 629936
Ion Ratio Lower Upper
91 100
106 32.4 22.3 41.3



#53
m,p-Xylene
Concen: 27.487 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion:106 Resp: 251309
Ion Ratio Lower Upper
106 100
91 198.8 136.8 254.0

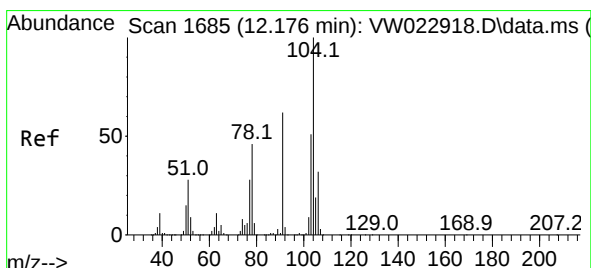
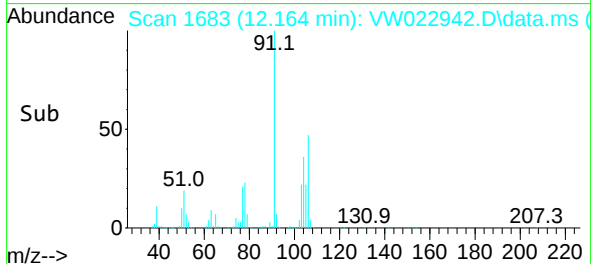
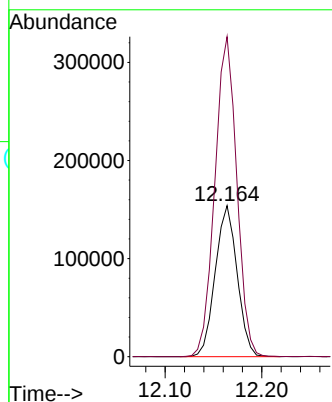
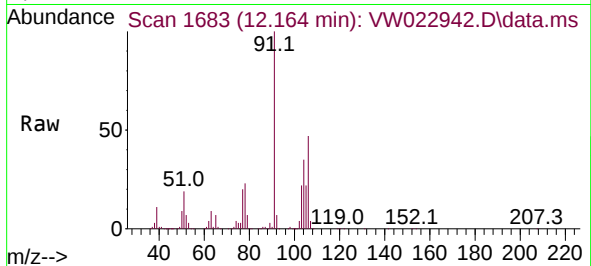




#54
o-Xylene
Concen: 27.571 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

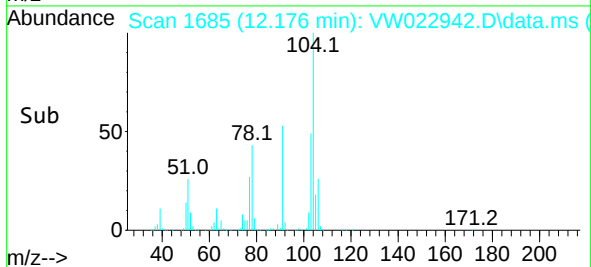
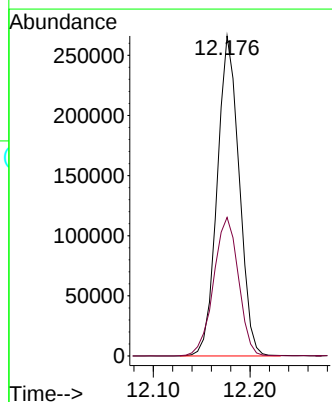
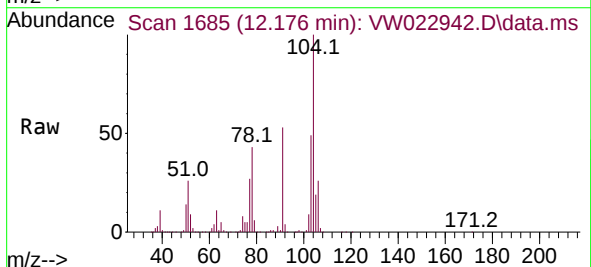
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

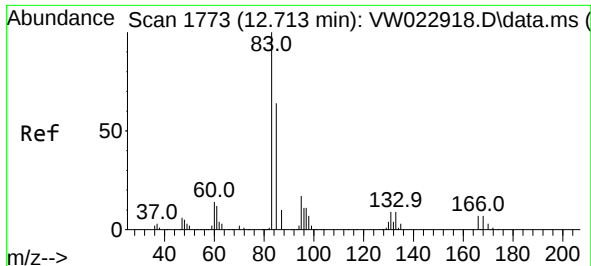
Tgt Ion:106 Resp: 241895
Ion Ratio Lower Upper
106 100
91 211.8 147.2 273.4



#55
Styrene
Concen: 28.130 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion:104 Resp: 419368
Ion Ratio Lower Upper
104 100
78 43.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.238 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

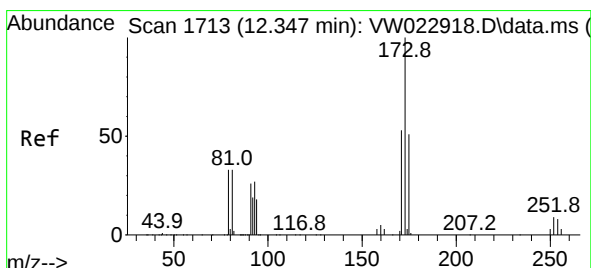
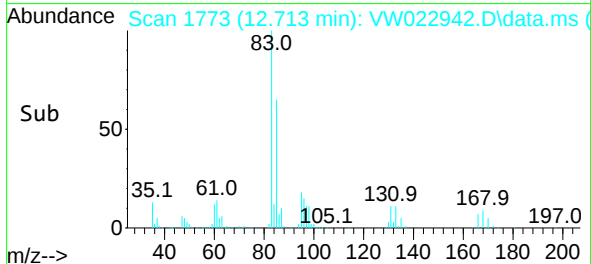
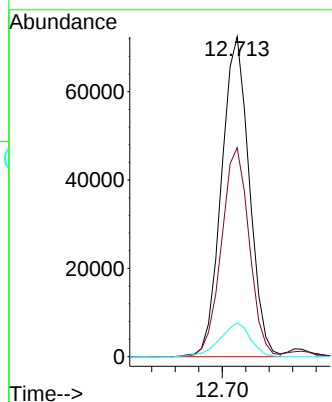
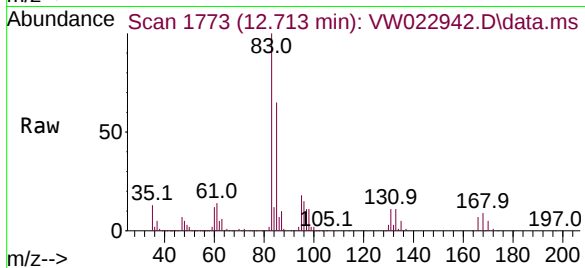
Tgt Ion: 83 Resp: 118681

Ion Ratio Lower Upper

83 100

85 65.3 47.5 88.1

131 10.6 8.7 13.1



#59

Bromoform

Concen: 24.310 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

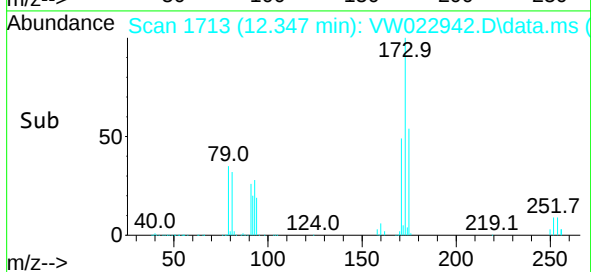
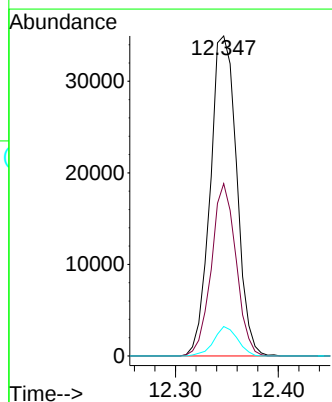
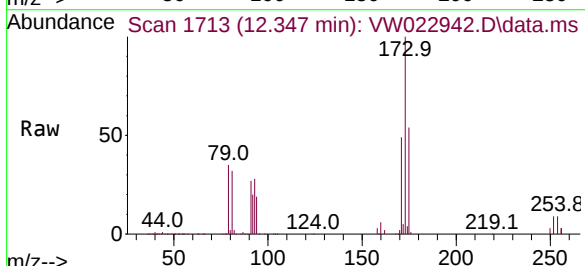
Tgt Ion: 173 Resp: 62262

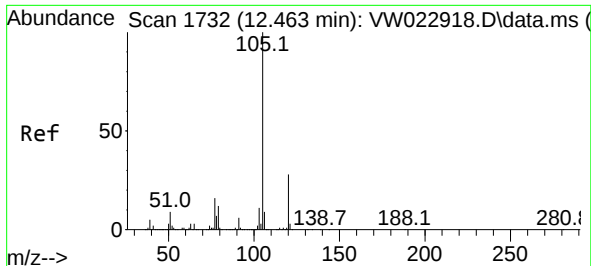
Ion Ratio Lower Upper

173 100

175 50.2 38.1 57.1

254 8.3 6.5 9.7

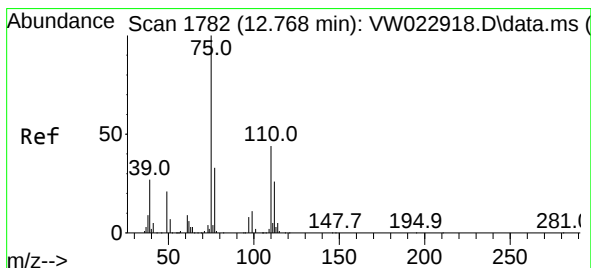
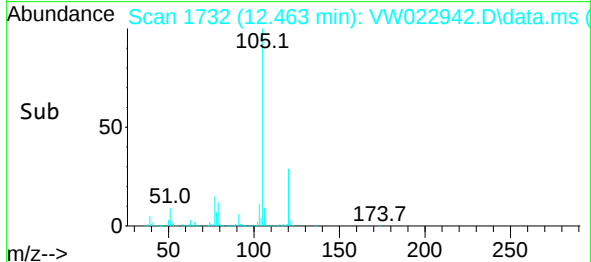
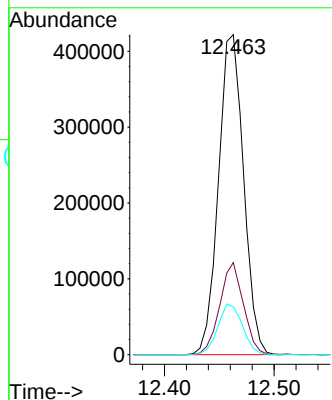
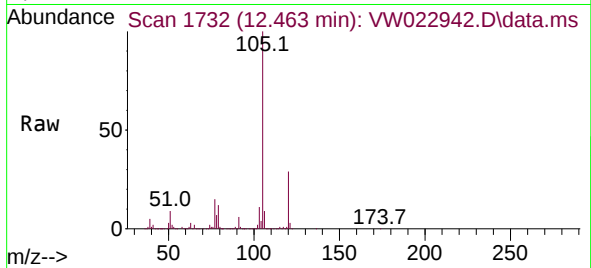




#60
Isopropylbenzene
Concen: 27.157 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

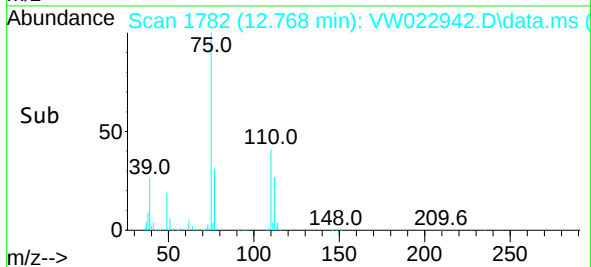
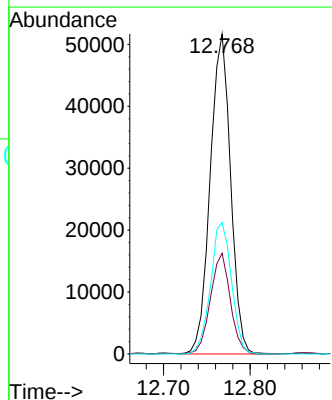
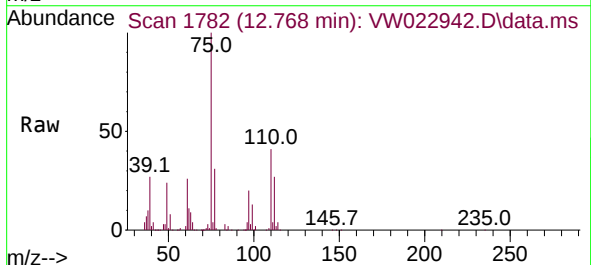
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

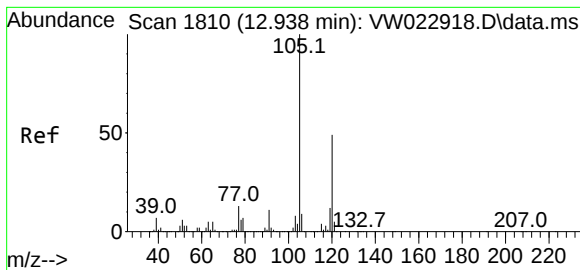
Tgt Ion:105 Resp: 672359
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.409 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion: 75 Resp: 84531
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2
110 42.1 34.1 51.1

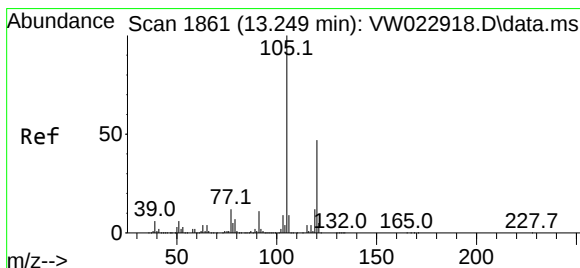
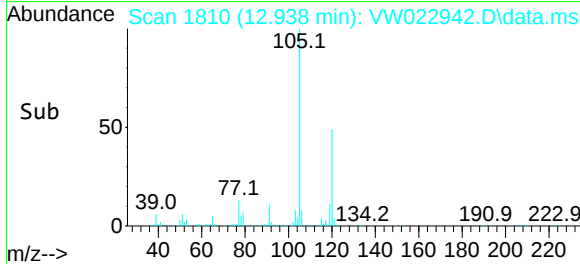
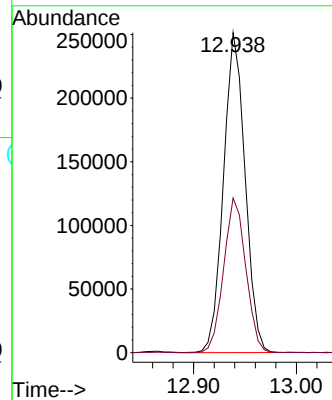
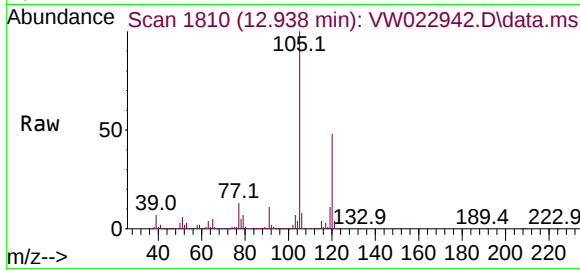




#62
 1,3,5-Trimethylbenzene
 Concen: 26.595 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW022942.D
 Acq: 10 May 2022 08:50

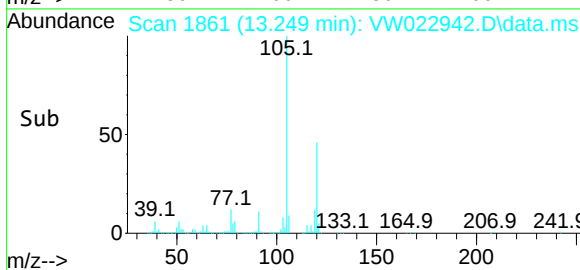
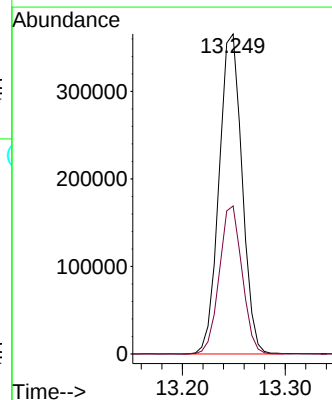
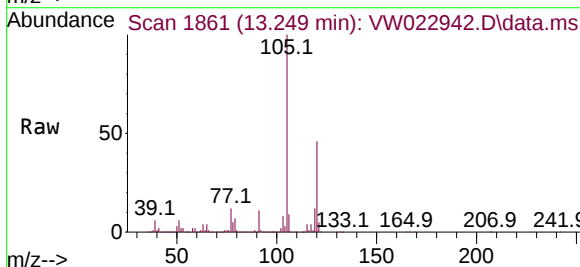
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

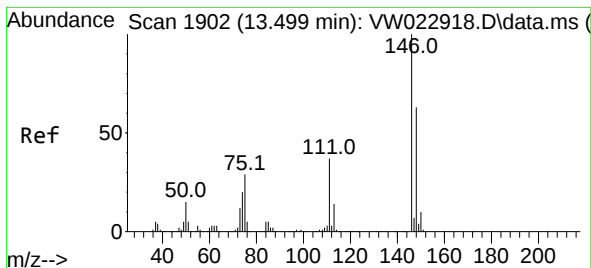
Tgt Ion:105 Resp: 366322
 Ion Ratio Lower Upper
 105 100
 120 49.5 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 27.455 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW022942.D
 Acq: 10 May 2022 08:50

Tgt Ion:105 Resp: 567825
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 26.866 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

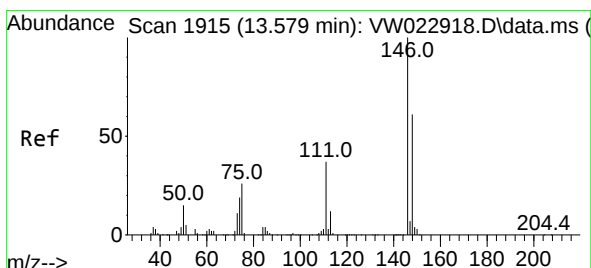
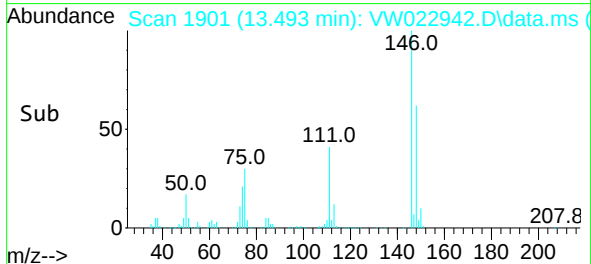
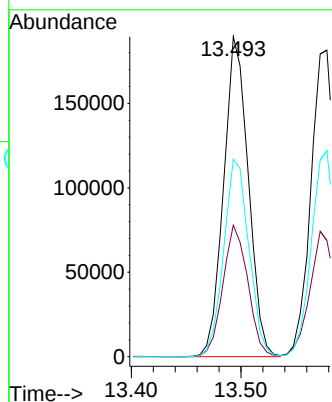
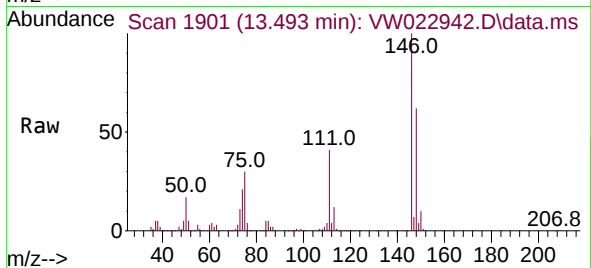
Tgt Ion:146 Resp: 296974

Ion Ratio Lower Upper

146 100

111 41.1 29.5 54.9

148 61.8 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 25.668 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

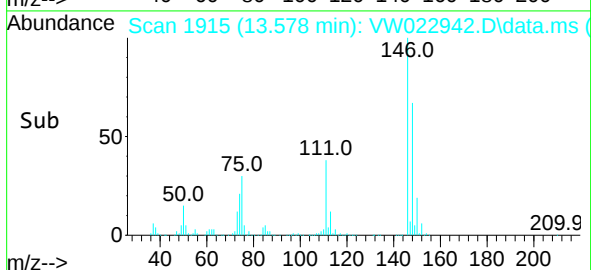
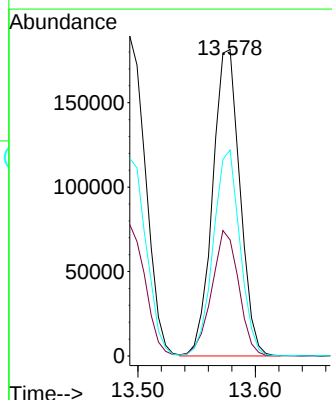
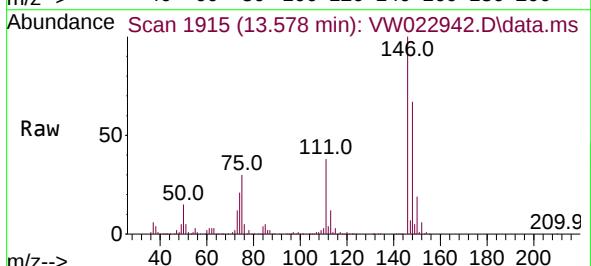
Tgt Ion:146 Resp: 293070

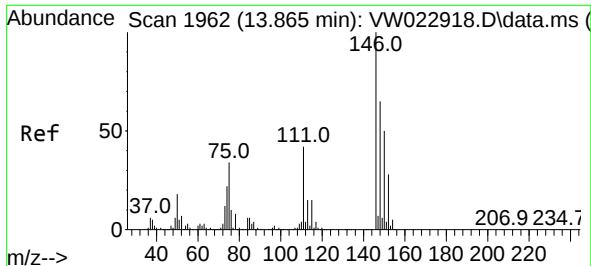
Ion Ratio Lower Upper

146 100

111 37.8 27.2 50.4

148 67.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.969 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

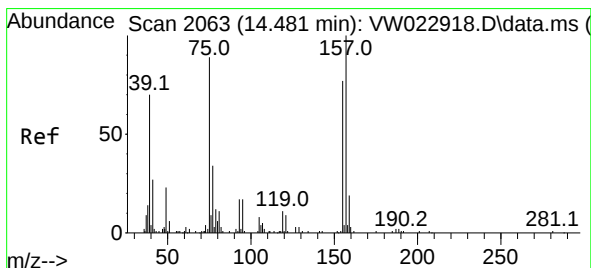
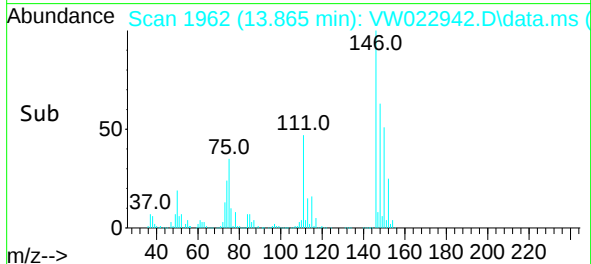
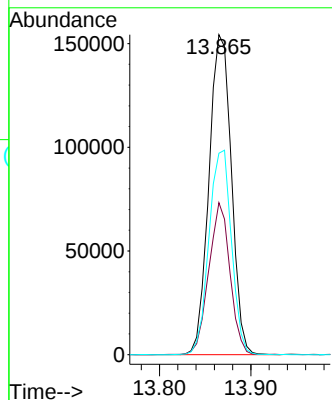
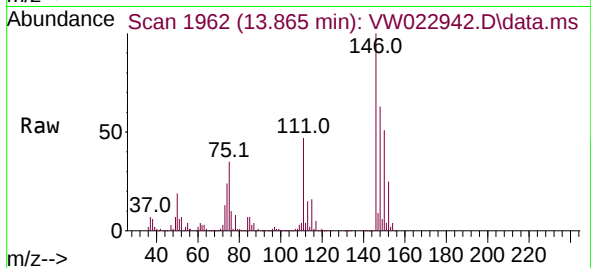
Tgt Ion:146 Resp: 262686

Ion Ratio Lower Upper

146 100

111 47.5 35.7 53.5

148 63.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.736 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022942.D

Acq: 10 May 2022 08:50

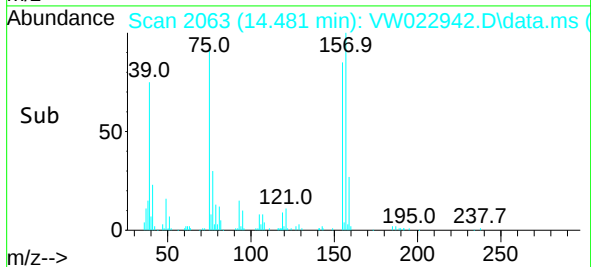
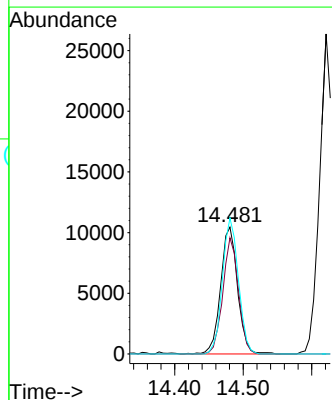
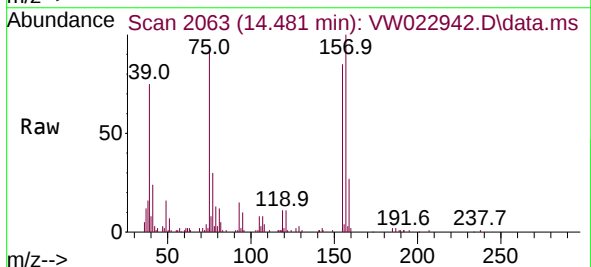
Tgt Ion: 75 Resp: 17943

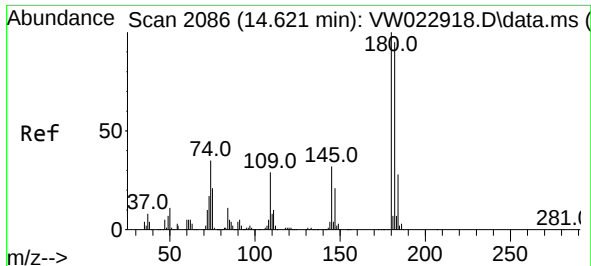
Ion Ratio Lower Upper

75 100

155 91.5 59.3 88.9#

157 107.2 89.8 134.8

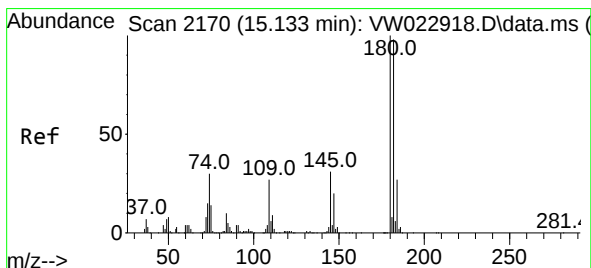
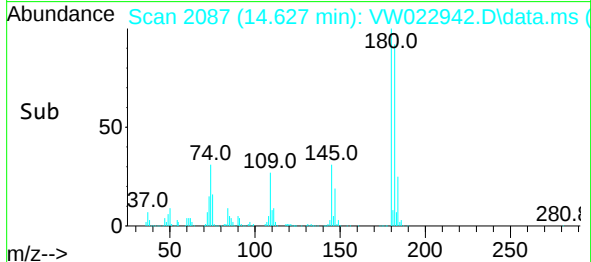
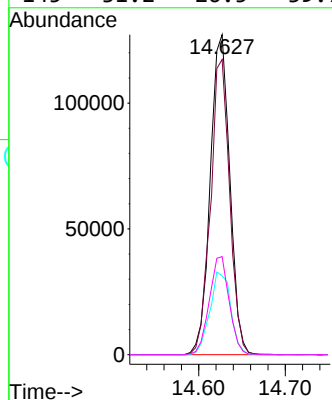
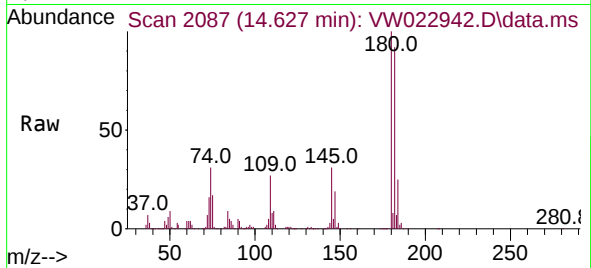




#69
1,3,5-Trichlorobenzene
Concen: 27.141 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

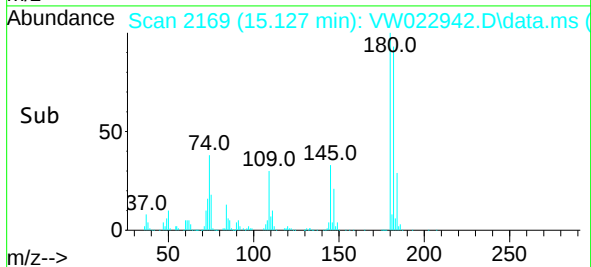
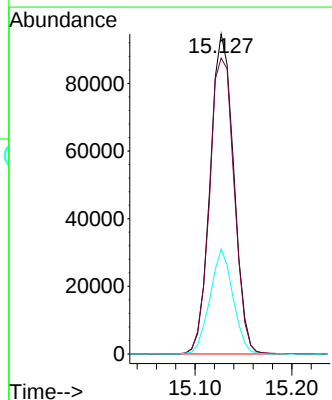
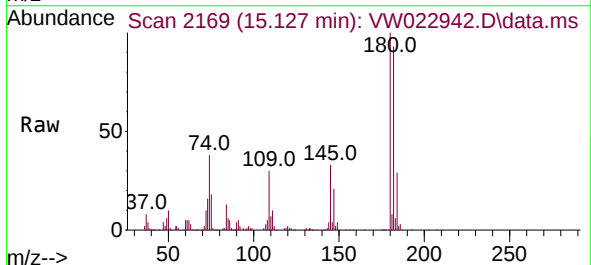
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

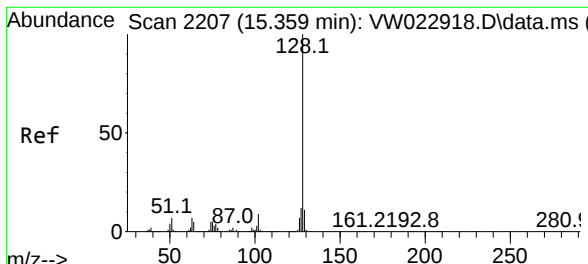
Tgt Ion:180 Resp: 199149
Ion Ratio Lower Upper
180 100
182 90.5 74.8 112.2
184 27.6 23.4 35.2
145 31.2 26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 27.174 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion:180 Resp: 160394
Ion Ratio Lower Upper
180 100
182 96.4 74.9 112.3
145 31.9 26.6 39.8

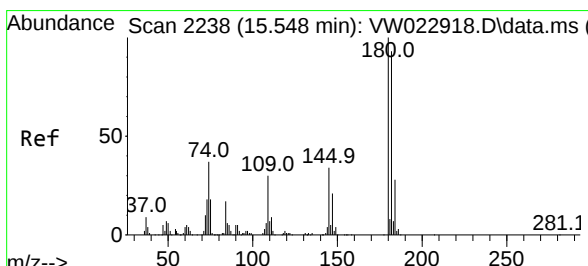
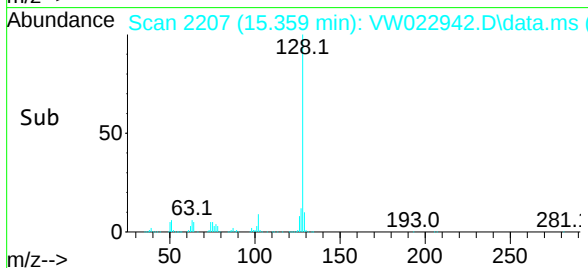
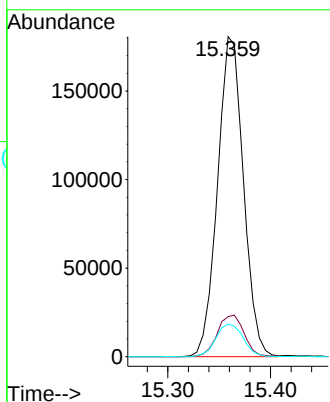
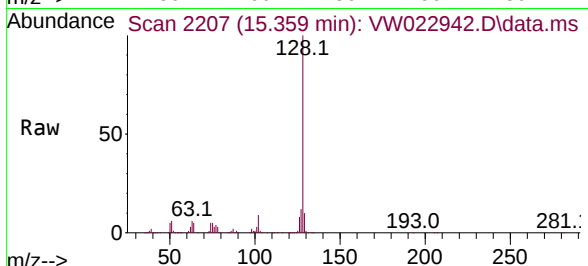




#71
Naphthalene
Concen: 24.649 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Tgt Ion:128 Resp: 316214
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.466 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022942.D
Acq: 10 May 2022 08:50

Tgt Ion:180 Resp: 133221
Ion Ratio Lower Upper
180 100
182 93.1 73.5 110.3
145 37.0 27.9 41.9

