

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023525.D
 Acq On : 28 Jun 2022 11:19
 Operator : SY/VA
 Sample : VSTD10031
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100431

Quant Time: Jun 29 01:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421669	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	411760	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	219022	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	425484	78.639	ug/L	0.00
7) Chloroethane-d5	2.879	69	377131	91.947	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	769893	90.408	ug/L	-0.01
21) 2-Butanone-d5	7.074	46	253755	199.214	ug/L	0.00
24) Chloroform-d	7.647	84	998223	92.197	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	511268	89.701	ug/L	0.00
32) Benzene-d6	8.275	84	1831617	89.975	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	554378	91.339	ug/L	0.00
41) Toluene-d8	10.323	98	1964103	98.707	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	275497	100.276	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	226218	232.510	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	538687	96.361	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	740471	97.315	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	318720	166.056	ug/L	93
3) Chloromethane	2.215	50	534193	103.801	ug/L	97
5) Vinyl chloride	2.361	62	804928	103.328	ug/L	96
6) Bromomethane	2.770	94	477691	107.857	ug/L	97
8) Chloroethane	2.916	64	451172	110.495	ug/L	97
9) Trichlorofluoromethane	3.257	101	405944	99.475	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	564791	101.137	ug/L	98
12) 1,1-Dichloroethene	4.038	96	511483	105.895	ug/L	95
13) Acetone	4.117	43	165115	183.199	ug/L	100
14) Carbon disulfide	4.385	76	1632284	107.720	ug/L	100
15) Methyl Acetate	4.666	43	214203	101.791	ug/L	100
16) Methylene chloride	4.922	84	530788	84.229	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	592967	104.406	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	848979	104.571	ug/L	99
19) 1,1-Dichloroethane	6.214	63	948102	99.039	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	634831	106.126	ug/L	98
22) 2-Butanone	7.171	43	282500	187.322	ug/L	99
23) Bromochloromethane	7.519	128	293393	103.674	ug/L	87
25) Chloroform	7.677	83	1037716	96.232	ug/L	97
27) 1,2-Dichloroethane	8.403	62	668018	96.344	ug/L	99
29) Cyclohexane	7.958	56	898441	107.198	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	925846	95.295	ug/L	98
31) Carbon tetrachloride	8.068	117	901594	101.054	ug/L	98
33) Benzene	8.324	78	2304236	97.511	ug/L	100
34) Trichloroethene	9.092	95	635911	97.680	ug/L	94
35) Methylcyclohexane	9.336	83	1103645	106.572	ug/L	99
37) 1,2-Dichloropropane	9.366	63	543609	96.861	ug/L	100
38) Bromodichloromethane	9.646	83	789321	98.070	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	938848	108.971	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	668983	211.854	ug/L	97
42) Toluene	10.390	91	2687133	103.360	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	846658	111.309	ug/L	98

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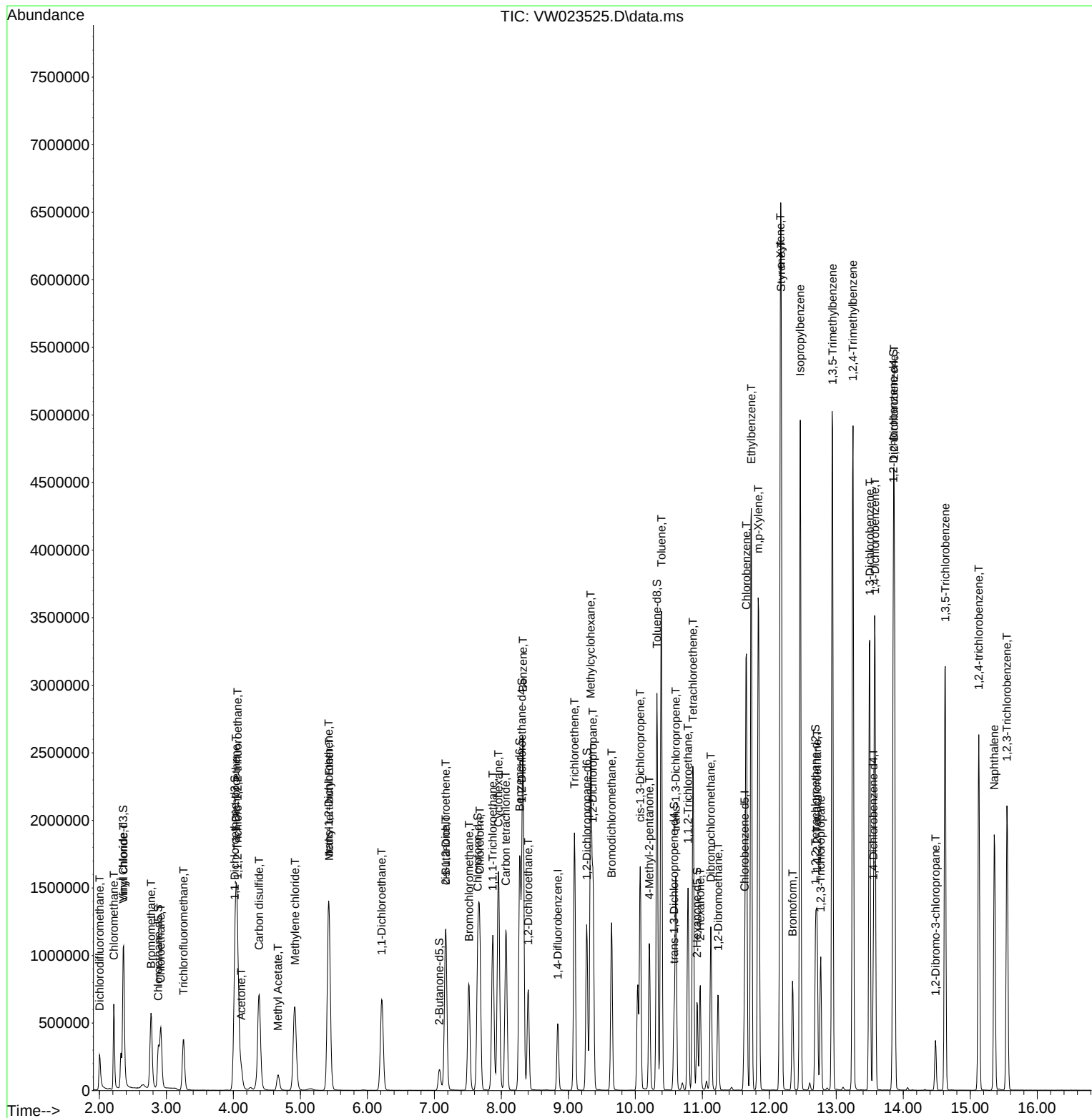
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	453719	99.088	ug/L	99
46) Tetrachloroethene	10.860	164	516522	100.515	ug/L	97
48) 2-Hexanone	10.969	43	470049	221.313	ug/L	99
49) Dibromochloromethane	11.128	129	607023	108.738	ug/L	93
50) 1,2-Dibromoethane	11.238	107	464277	104.242	ug/L	99
51) Chlorobenzene	11.658	112	1776729	100.662	ug/L	98
52) Ethylbenzene	11.731	91	3024881	104.451	ug/L	99
53) m,p-Xylene	11.835	106	1225280	107.049	ug/L	97
54) o-Xylene	12.164	106	1182985	111.172	ug/L	92
55) Styrene	12.177	104	2031015	110.227	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	545459	98.734	ug/L	99
59) Bromoform	12.347	173	347401	113.852	ug/L	98
60) Isopropylbenzene	12.463	105	3196964	106.670	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	379867	93.471	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	2713911	110.475	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2641269	108.978	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1425951	103.349	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	1383304	97.656	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	1286242	103.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	87677	93.961	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	944333	104.488	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	796976	114.275	ug/L	94
71) Naphthalene	15.359	128	1616362	122.162	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	682094	113.137	ug/L	98

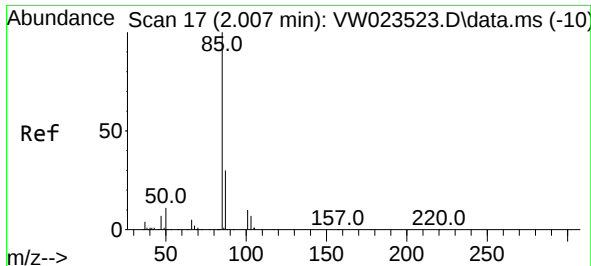
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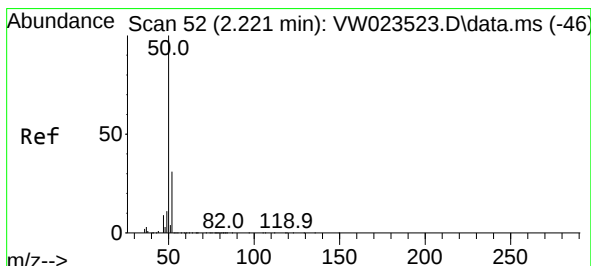
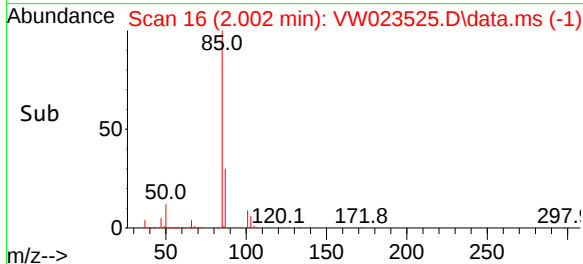
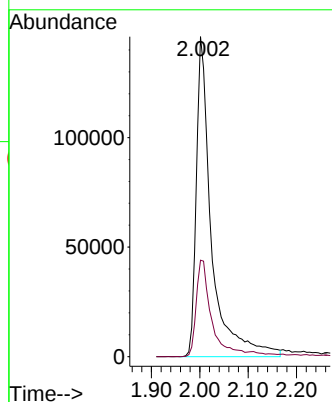
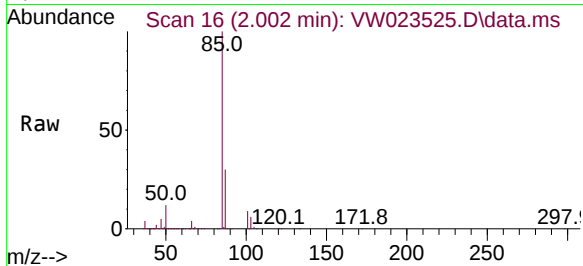




#2
Dichlorodifluoromethane
Concen: 166.056 ug/L
RT: 2.002 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

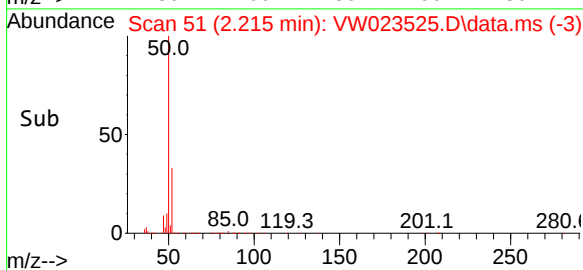
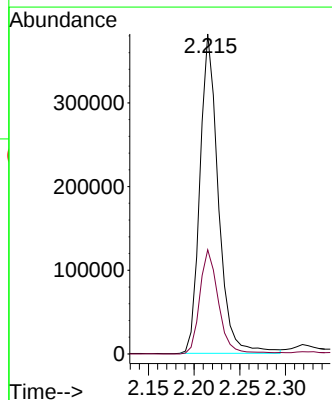
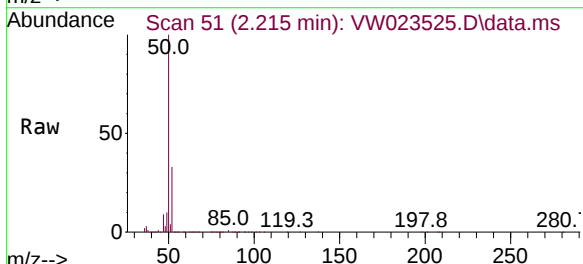
Instrument :
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ClientSampleId :
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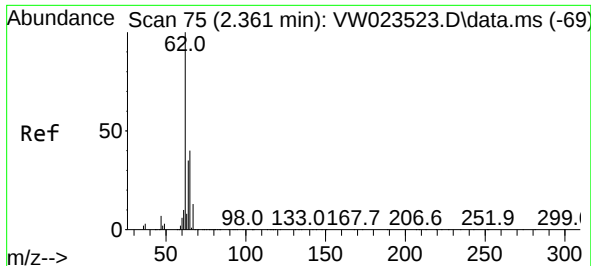
Tgt Ion: 85 Resp: 318720
Ion Ratio Lower Upper
85 100
87 29.9 21.0 31.4



#3
Chloromethane
Concen: 103.801 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 50 Resp: 534193
Ion Ratio Lower Upper
50 100
52 32.5 21.8 40.4

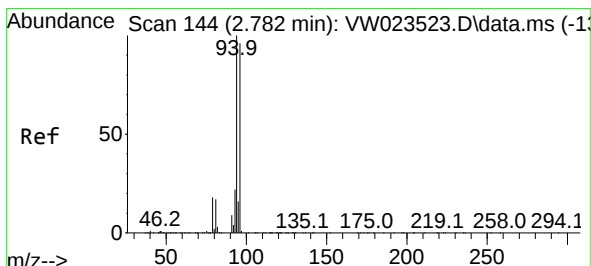
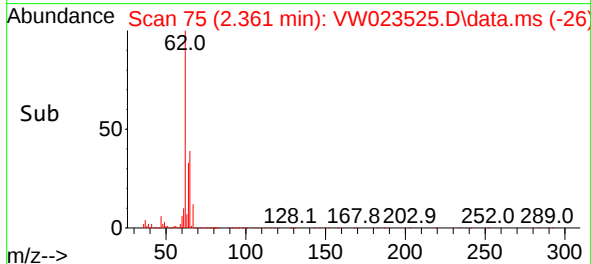
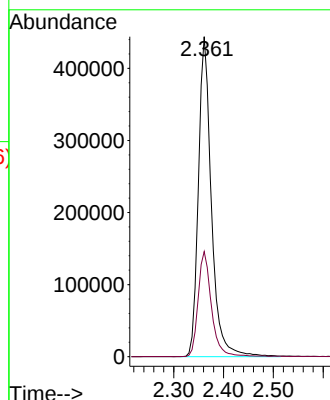
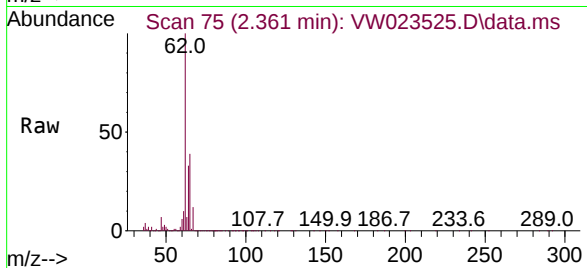




#5
 Vinyl chloride
 Concen: 103.328 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW023525.D
 Acq: 28 Jun 2022 11:19

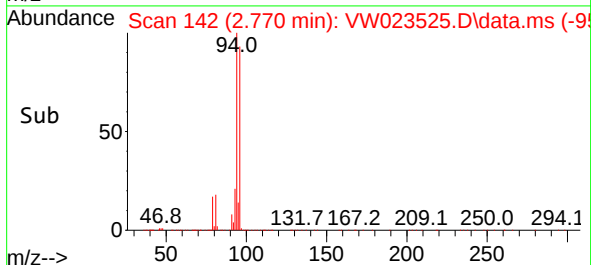
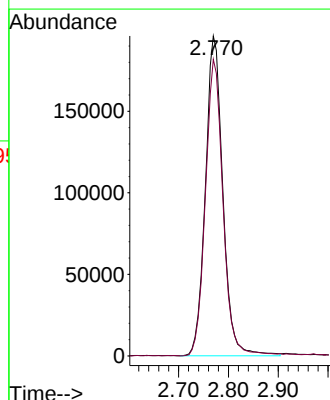
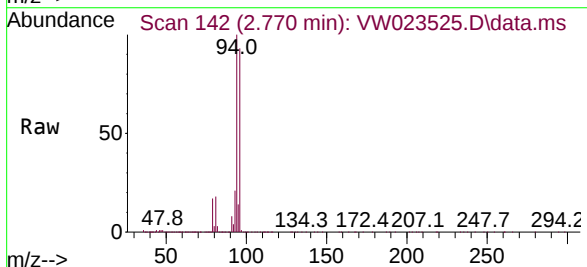
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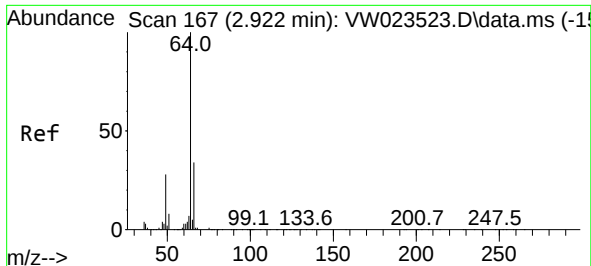
Tgt Ion: 62 Resp: 804928
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.6 45.6



#6
 Bromomethane
 Concen: 107.857 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW023525.D
 Acq: 28 Jun 2022 11:19

Tgt Ion: 94 Resp: 477691
 Ion Ratio Lower Upper
 94 100
 96 92.7 67.0 124.4

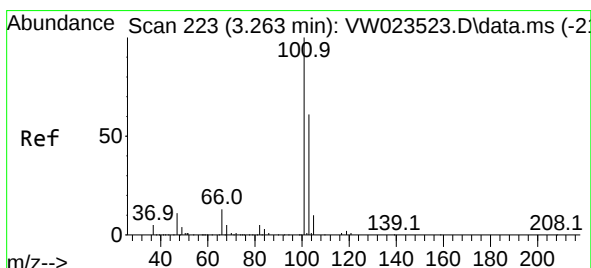
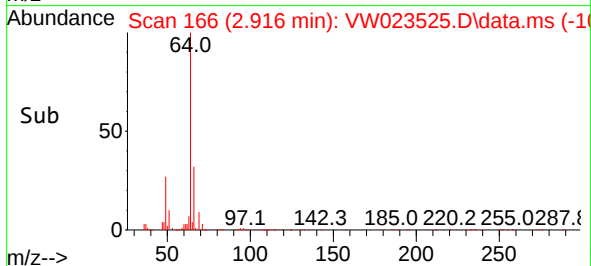
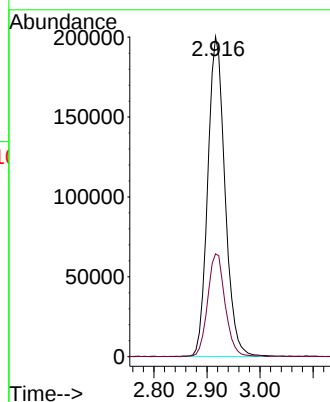
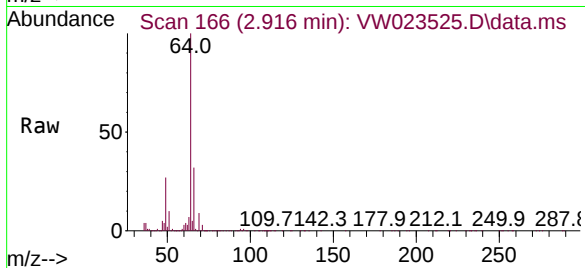




#8
Chloroethane
Concen: 110.495 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

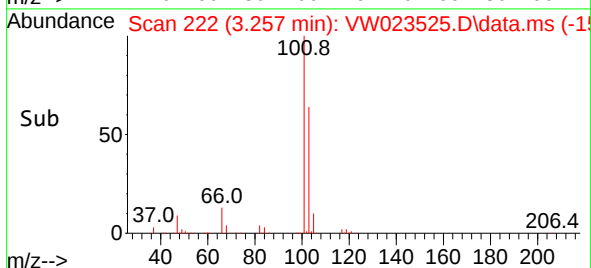
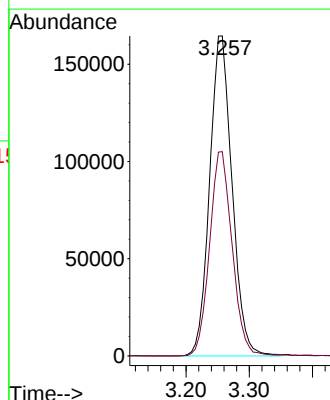
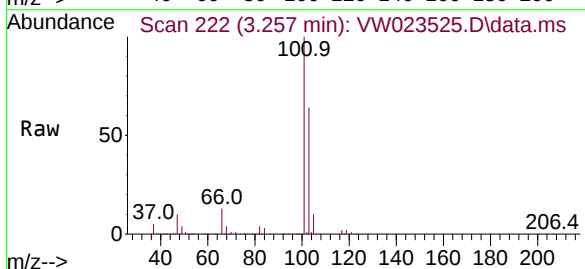
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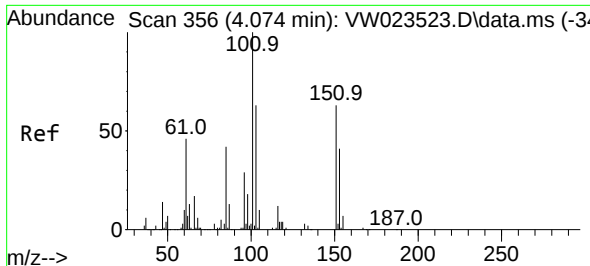
Tgt Ion: 64 Resp: 451172
Ion Ratio Lower Upper
64 100
66 32.2 23.6 43.8



#9
Trichlorofluoromethane
Concen: 99.475 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 101 Resp: 405944
Ion Ratio Lower Upper
101 100
103 64.1 53.1 79.7

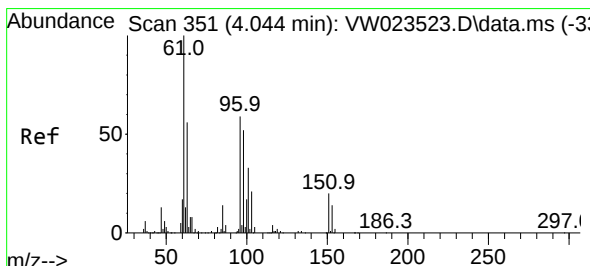
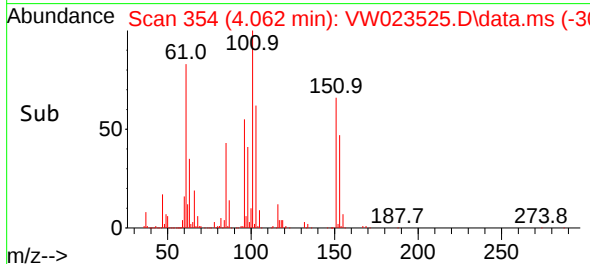
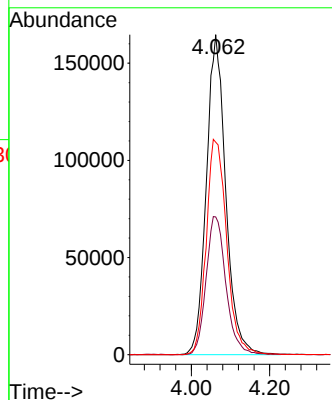
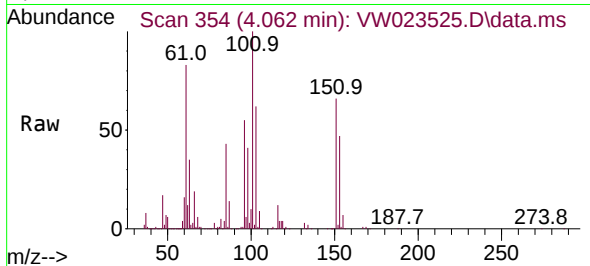




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 101.137 ug/L
 RT: 4.062 min Scan# 356
 Delta R.T. -0.012 min
 Lab File: VW023525.D
 Acq: 28 Jun 2022 11:19

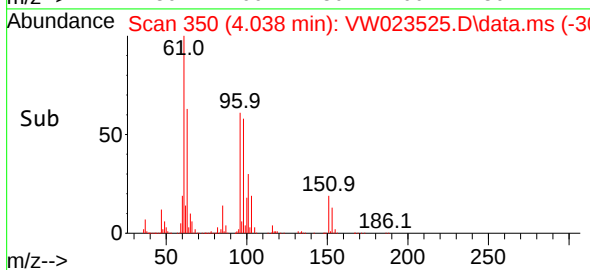
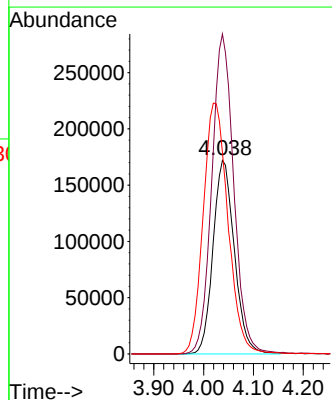
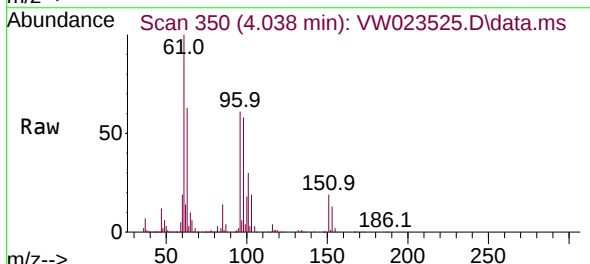
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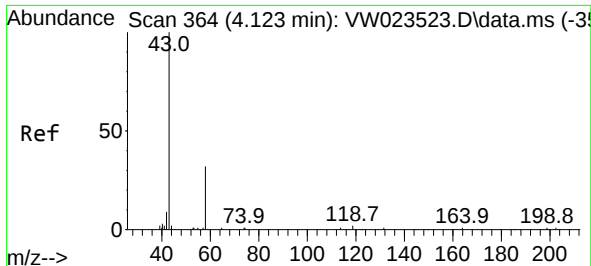
Tgt Ion:101 Resp: 564791
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.4 54.6
 151 70.8 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 105.895 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023525.D
 Acq: 28 Jun 2022 11:19

Tgt Ion: 96 Resp: 511483
 Ion Ratio Lower Upper
 96 100
 61 165.2 118.4 219.8
 63 104.1 67.4 125.2

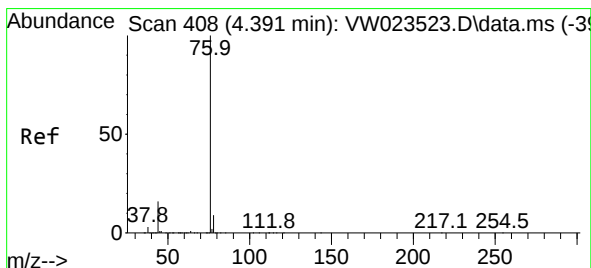
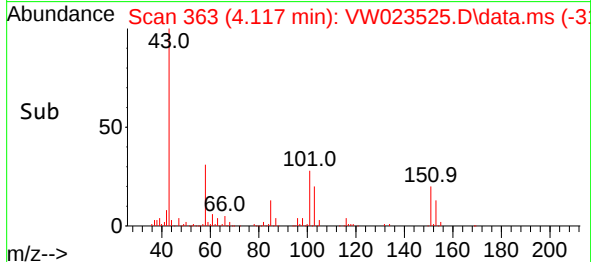
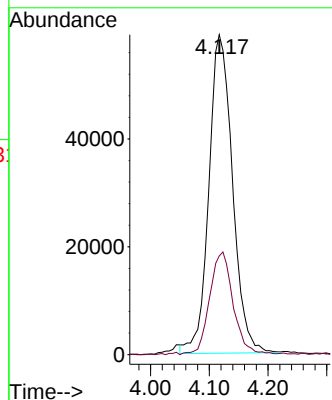
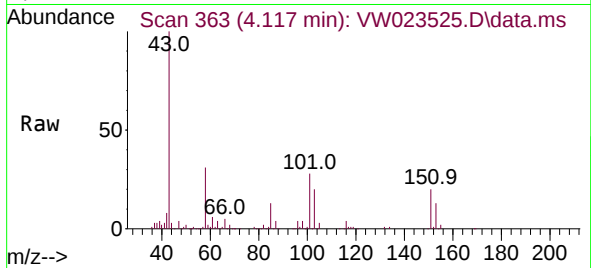




#13
Acetone
Concen: 183.199 ug/L
RT: 4.117 min Scan# 307
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

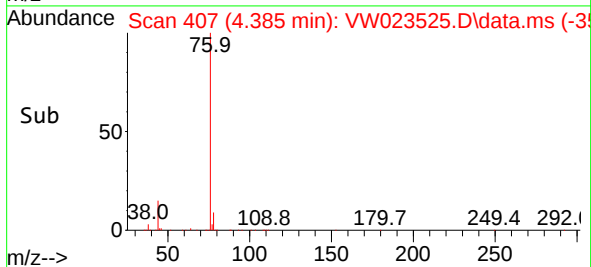
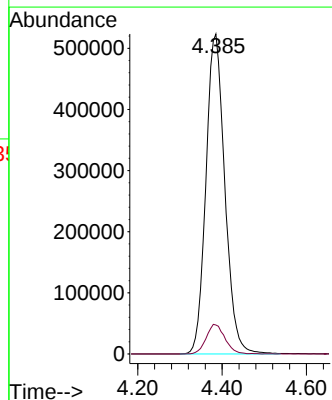
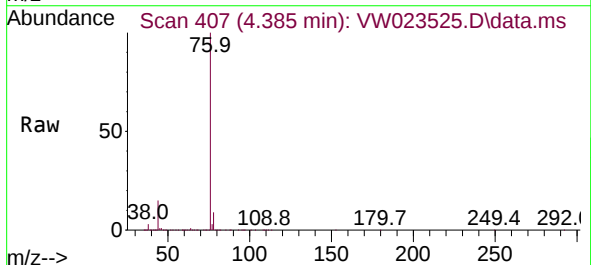
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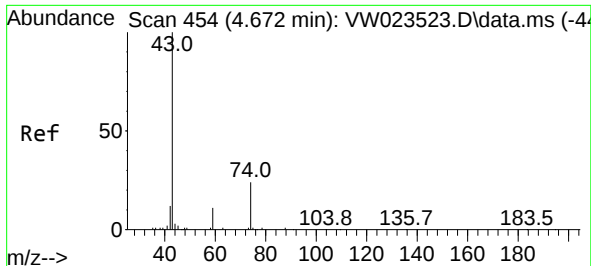
Tgt Ion: 43 Resp: 165115
Ion Ratio Lower Upper
43 100
58 31.8 0.0 63.2



#14
Carbon disulfide
Concen: 107.720 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 76 Resp: 1632284
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

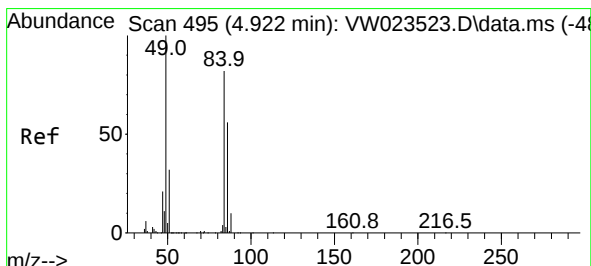
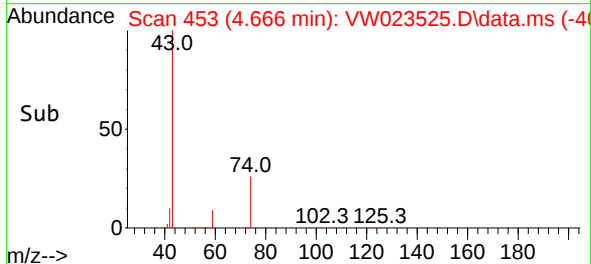
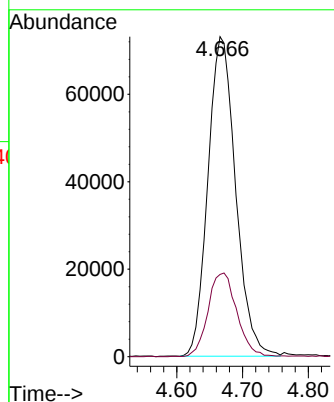
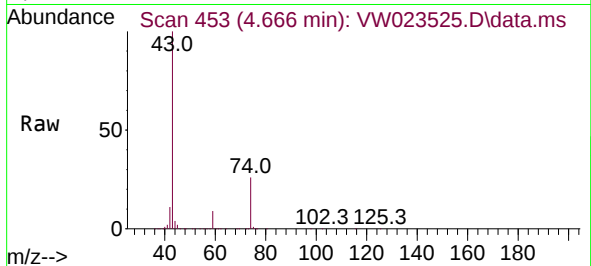




#15
Methyl Acetate
Concen: 101.791 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

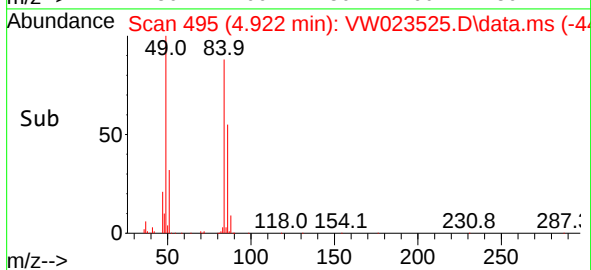
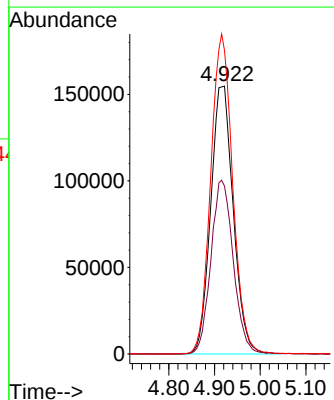
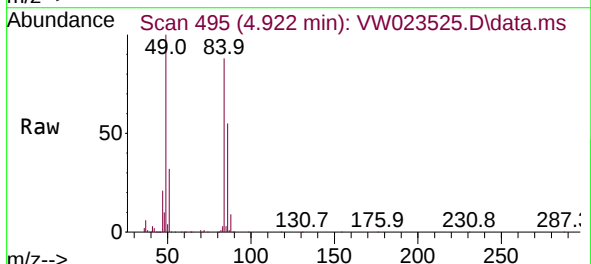
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

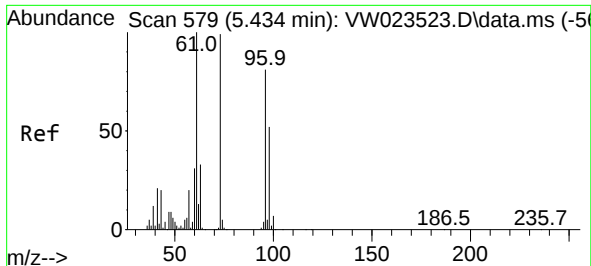
Tgt Ion: 43 Resp: 214203
Ion Ratio Lower Upper
43 100
74 26.9 21.5 32.3



#16
Methylene chloride
Concen: 84.229 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 84 Resp: 530788
Ion Ratio Lower Upper
84 100
86 62.7 47.8 88.8
49 113.3 85.0 157.8

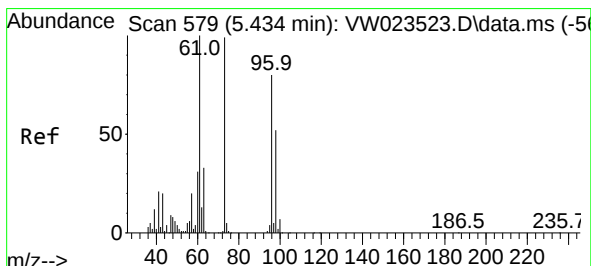
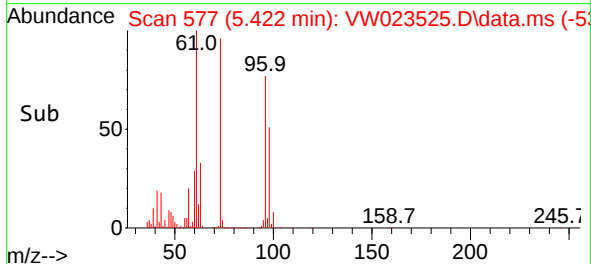
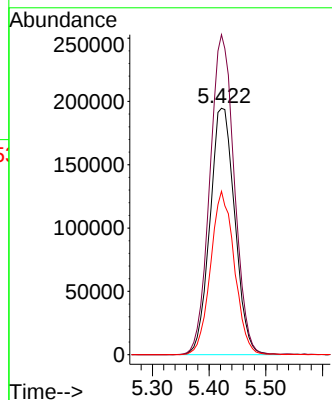
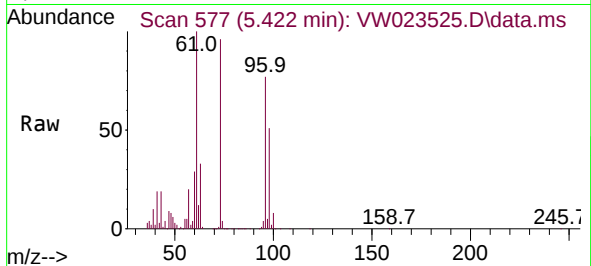




#17
trans-1,2-Dichloroethene
Concen: 104.406 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

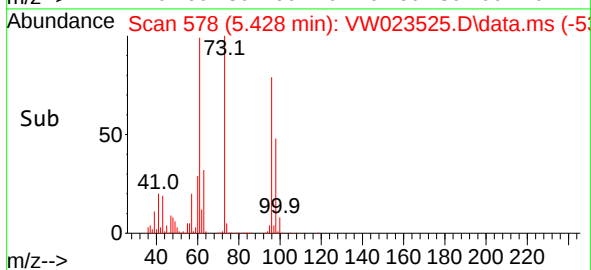
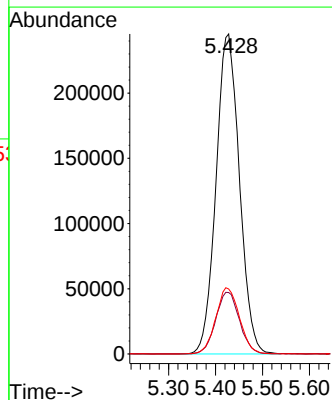
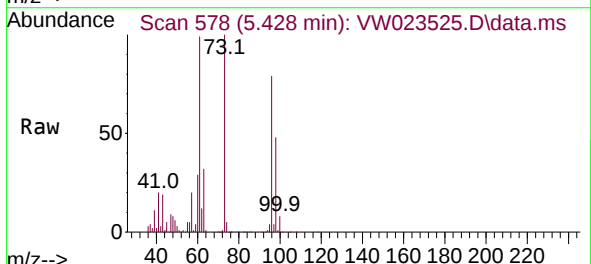
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

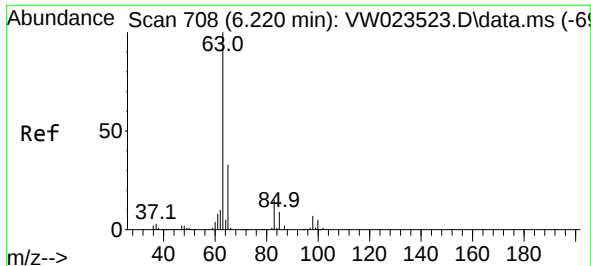
Tgt Ion: 96 Resp: 592967
Ion Ratio Lower Upper
96 100
61 129.9 87.0 161.6
98 66.3 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 104.571 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 73 Resp: 848979
Ion Ratio Lower Upper
73 100
43 19.5 16.0 24.0
57 20.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 99.039 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

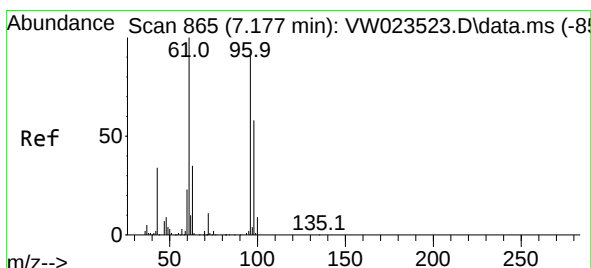
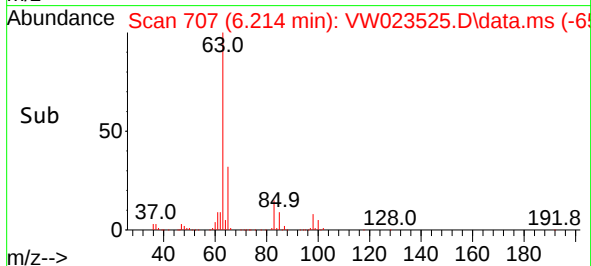
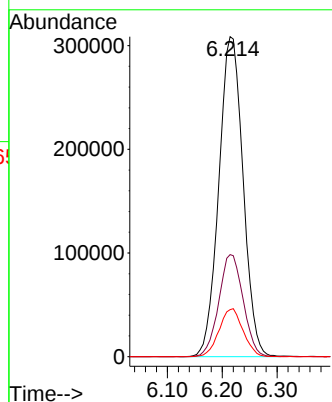
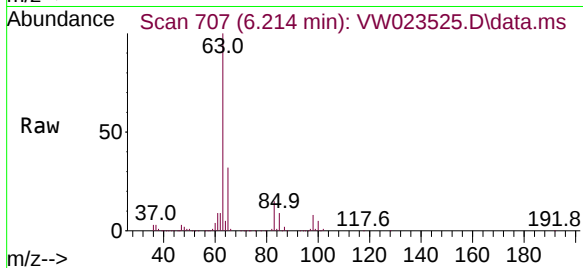
Tgt Ion: 63 Resp: 948102

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.2

83 14.7 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 106.126 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

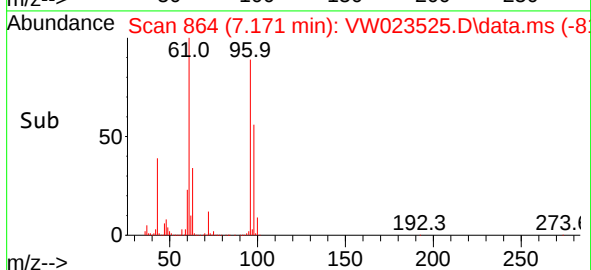
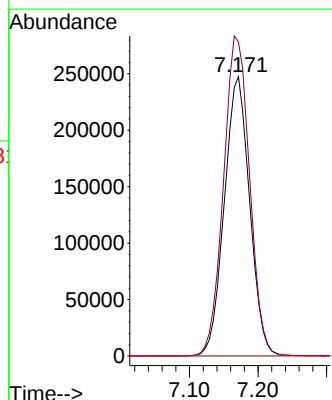
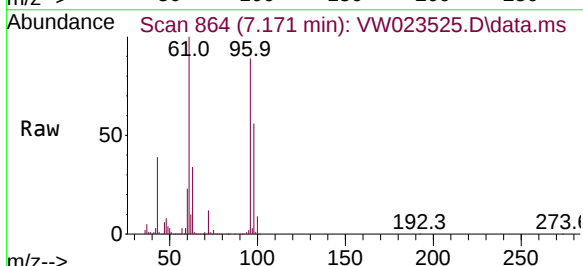
Tgt Ion: 96 Resp: 634831

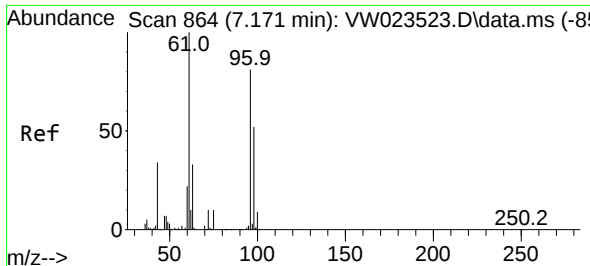
Ion Ratio Lower Upper

96 100

61 112.4 77.1 143.3

68 0.0 0.0 0.0

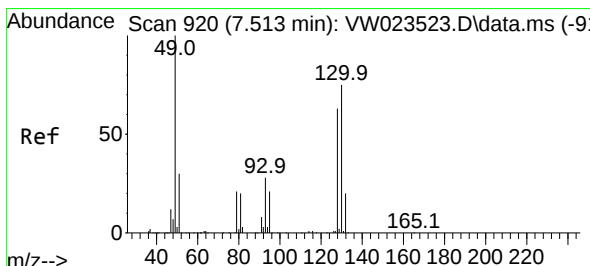
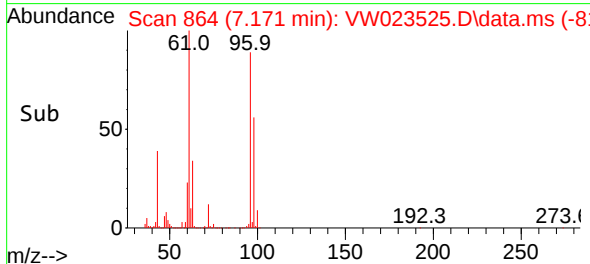
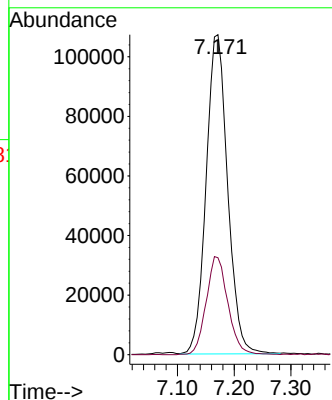
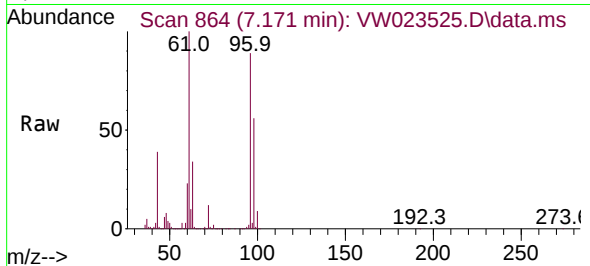




#22
2-Butanone
Concen: 187.322 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

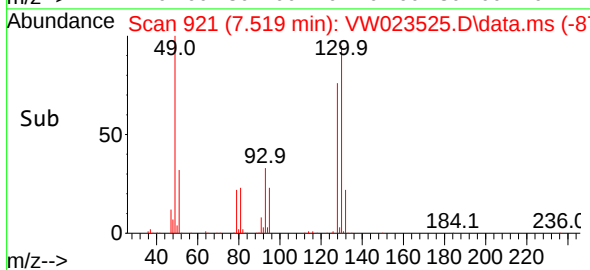
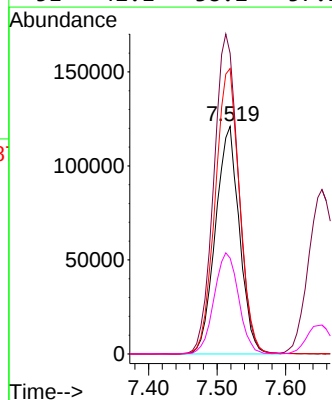
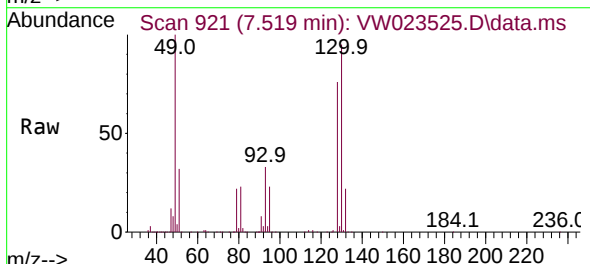
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

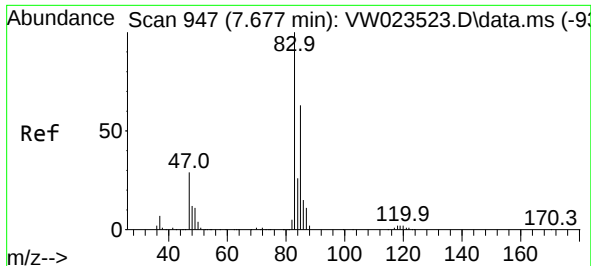
Tgt Ion: 43 Resp: 282500
Ion Ratio Lower Upper
43 100
72 31.0 15.9 47.6



#23
Bromochloromethane
Concen: 103.674 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:128 Resp: 293393
Ion Ratio Lower Upper
128 100
49 132.1 111.6 207.2
130 125.5 83.6 155.2
51 42.1 38.2 57.2

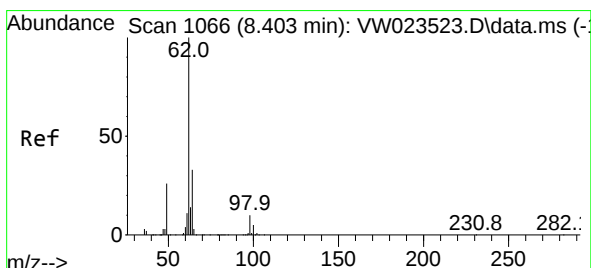
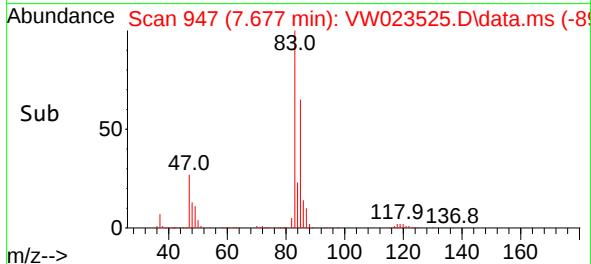
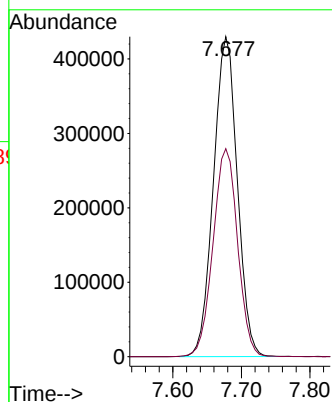
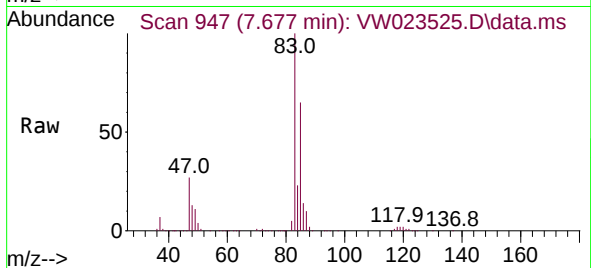




#25
Chloroform
Concen: 96.232 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

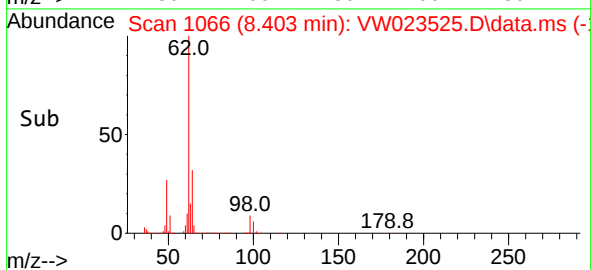
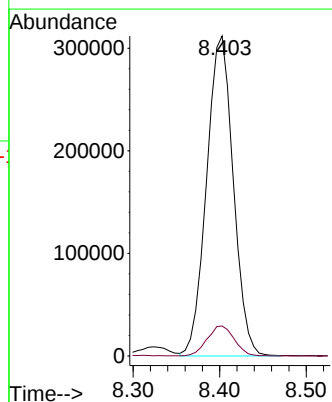
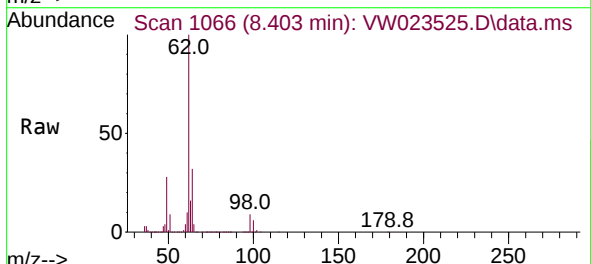
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

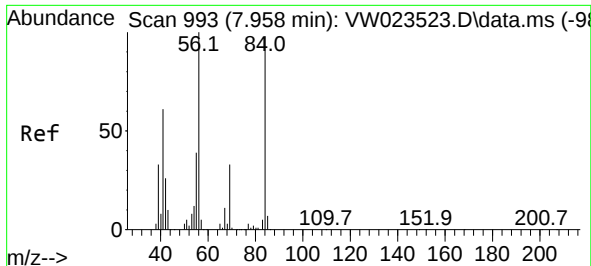
Tgt Ion: 83 Resp: 1037716
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 96.344 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 62 Resp: 668018
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6

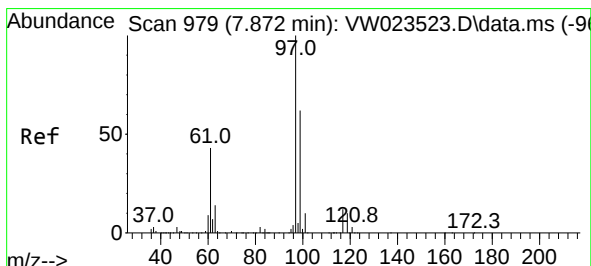
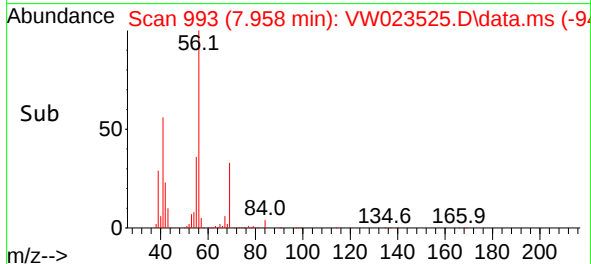
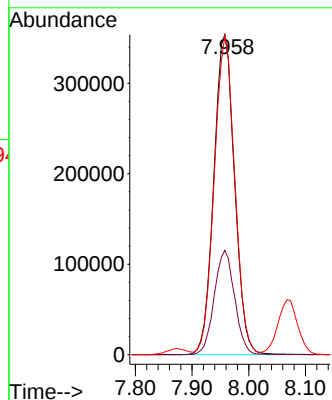
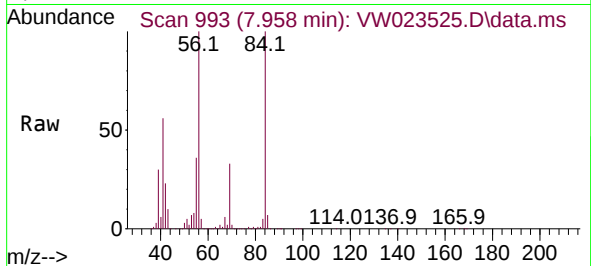




#29
Cyclohexane
Concen: 107.198 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

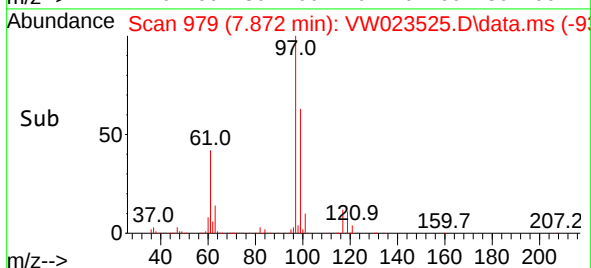
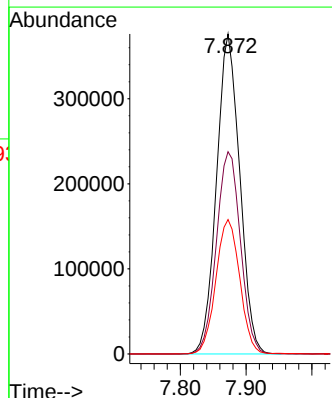
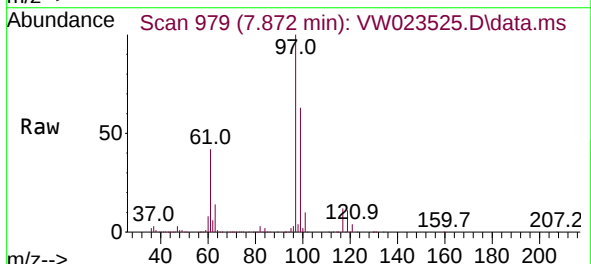
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

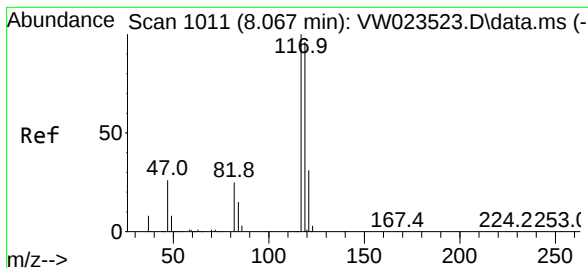
Tgt Ion: 56 Resp: 898441
Ion Ratio Lower Upper
56 100
69 32.1 25.6 38.4
84 98.6 75.8 113.8



#30
1,1,1-Trichloroethane
Concen: 95.295 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 97 Resp: 925846
Ion Ratio Lower Upper
97 100
99 65.5 50.6 75.8
61 43.2 35.1 52.7

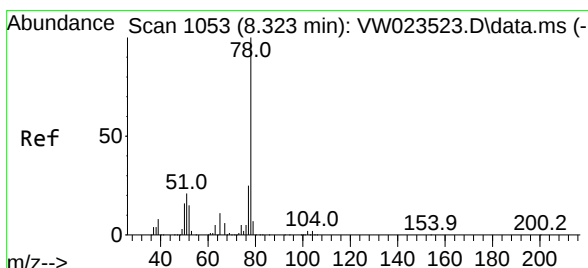
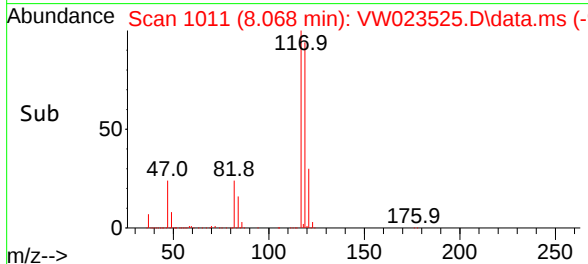
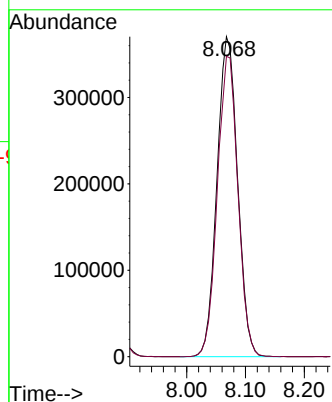
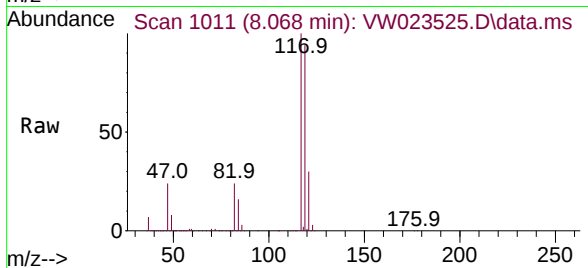




#31
Carbon tetrachloride
Concen: 101.054 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

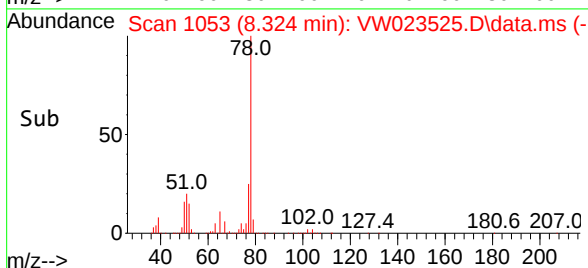
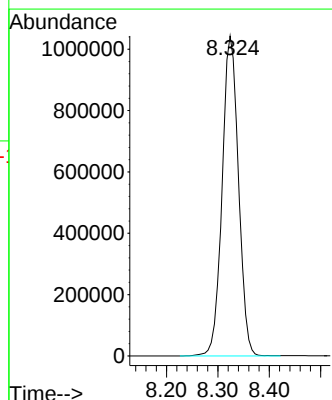
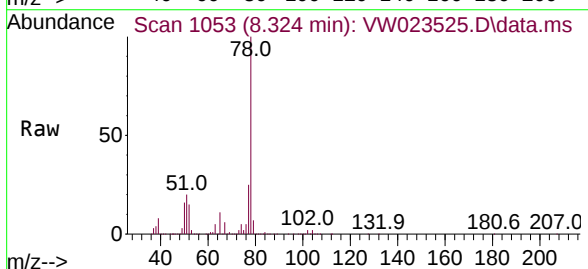
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

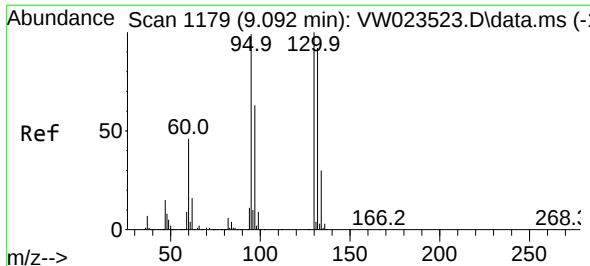
Tgt Ion:117 Resp: 901594
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8



#33
Benzene
Concen: 97.511 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 78 Resp: 2304236

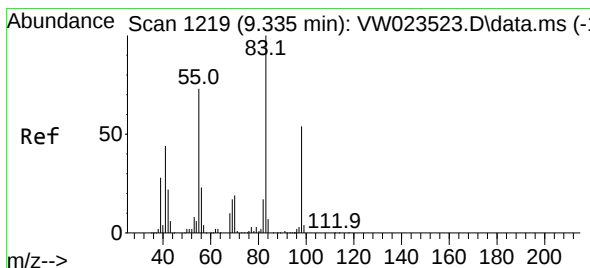
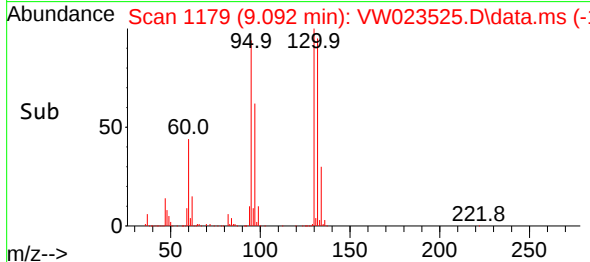
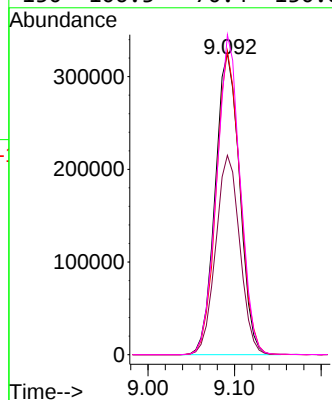
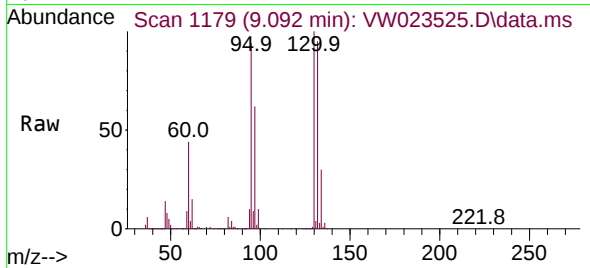




#34
Trichloroethene
Concen: 97.680 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

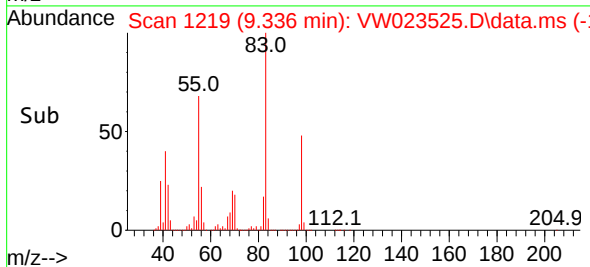
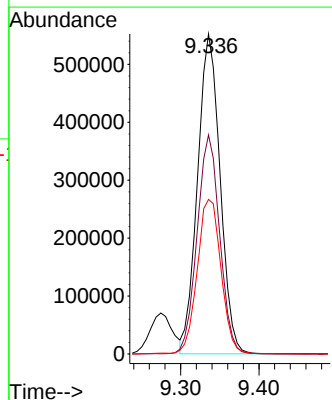
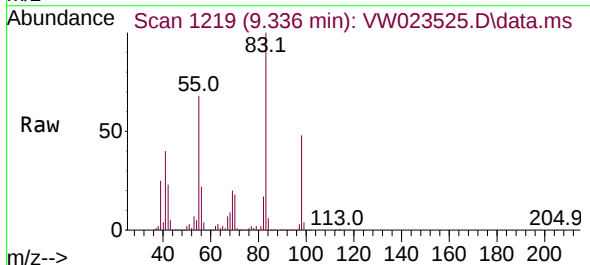
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

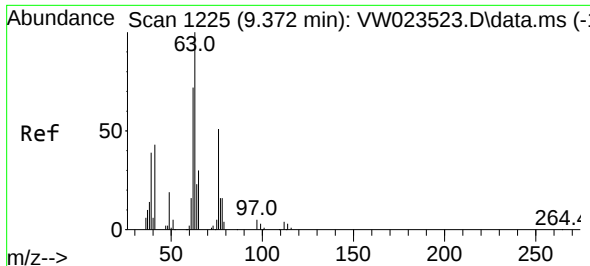
Tgt Ion: 95 Resp: 635911
Ion Ratio Lower Upper
95 100
97 66.2 44.2 82.0
132 100.9 64.6 120.0
130 106.3 70.4 130.8



#35
Methylcyclohexane
Concen: 106.572 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 83 Resp: 1103645
Ion Ratio Lower Upper
83 100
55 68.3 56.2 84.2
98 51.0 40.7 61.1





#37

1,2-Dichloropropane

Concen: 96.861 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

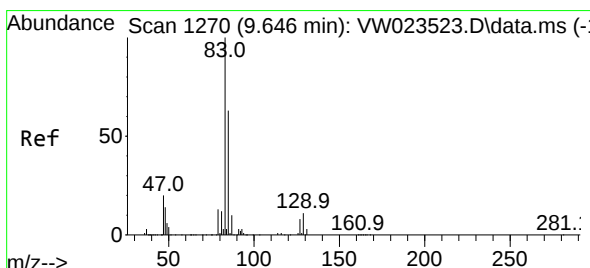
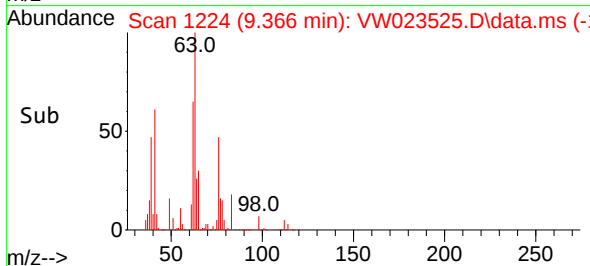
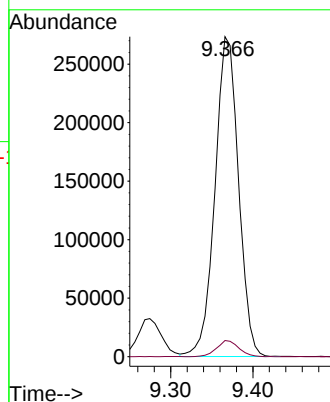
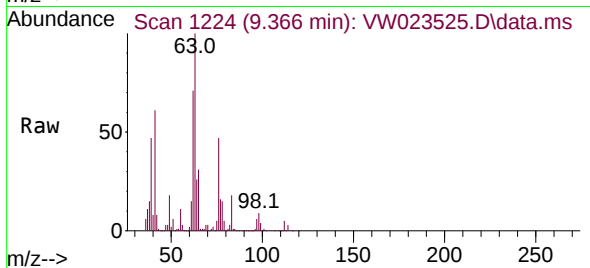
VSTD100431

Tgt Ion: 63 Resp: 543609

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 98.070 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

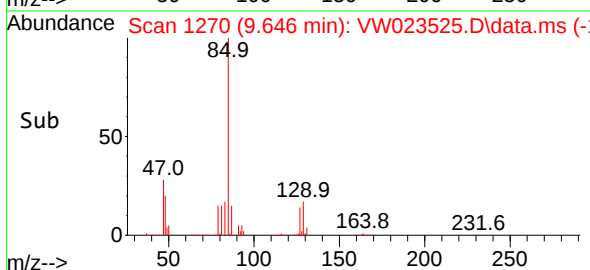
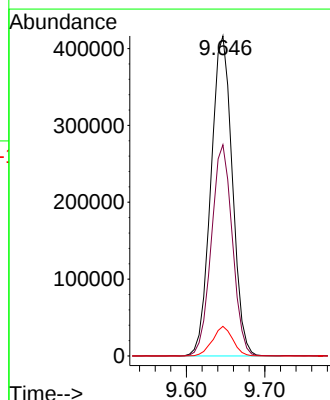
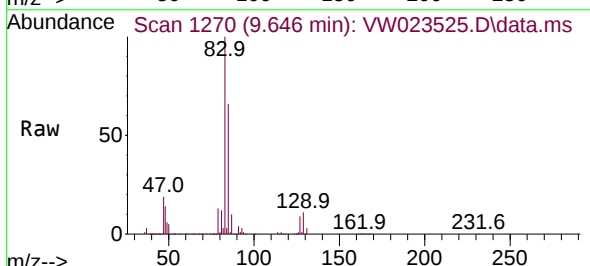
Tgt Ion: 83 Resp: 789321

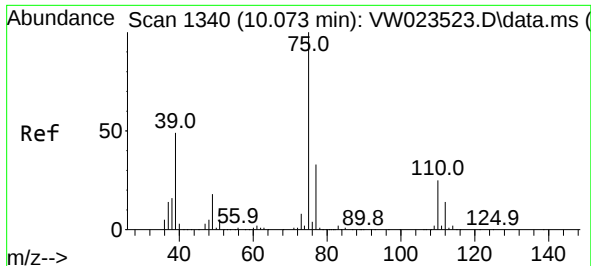
Ion Ratio Lower Upper

83 100

85 66.0 44.4 82.4

127 9.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 108.971 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

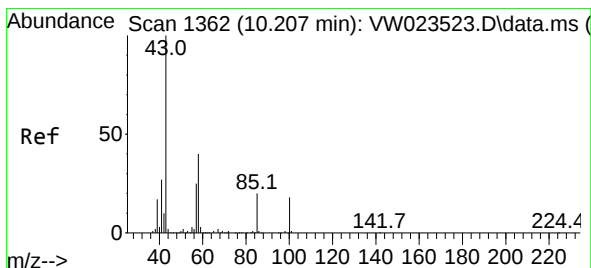
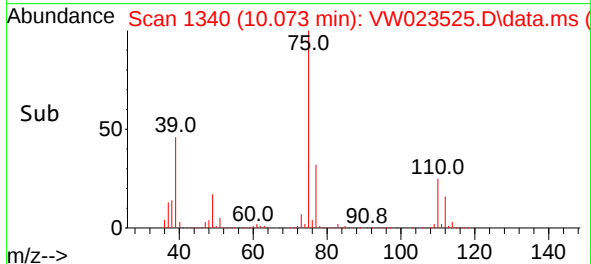
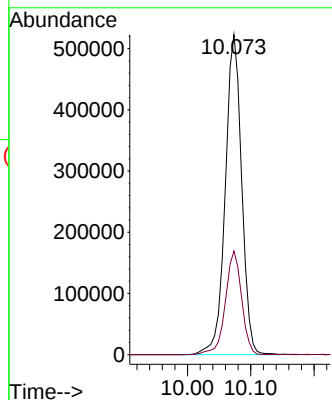
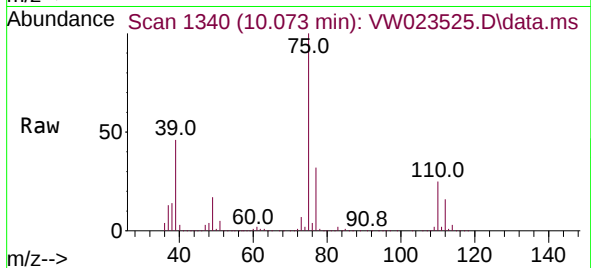
VSTD100431

Tgt Ion: 75 Resp: 938848

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 211.854 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

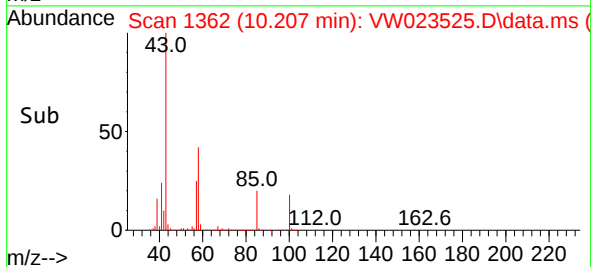
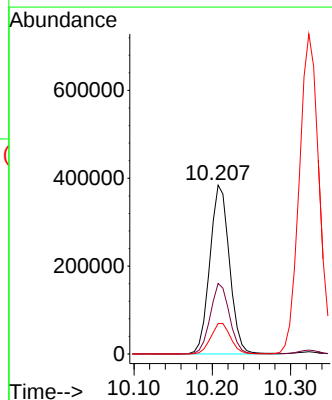
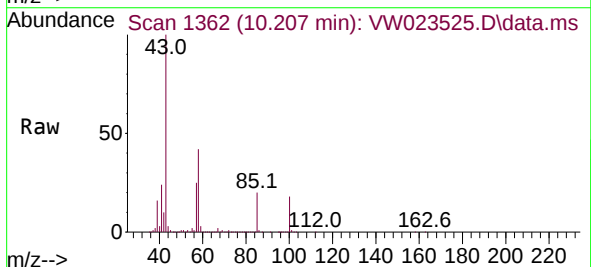
Tgt Ion: 43 Resp: 668983

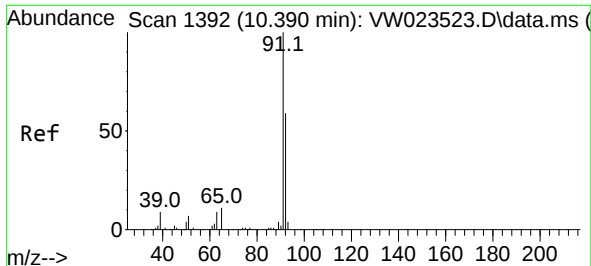
Ion Ratio Lower Upper

43 100

58 40.8 31.1 46.7

100 18.3 13.8 20.6

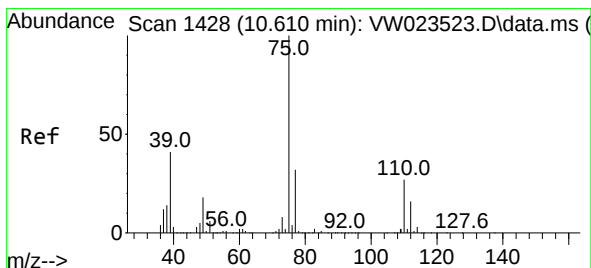
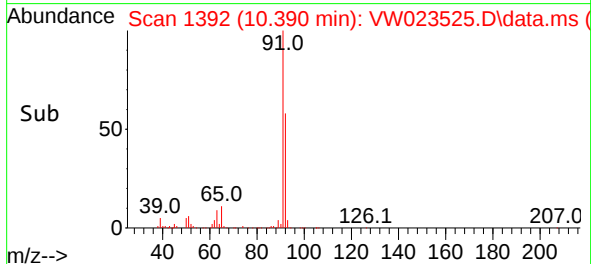
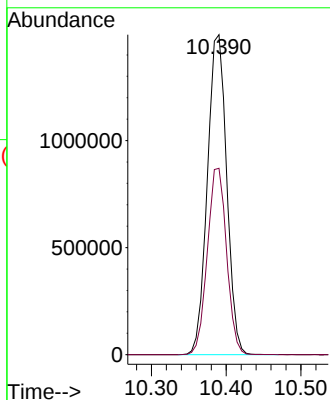
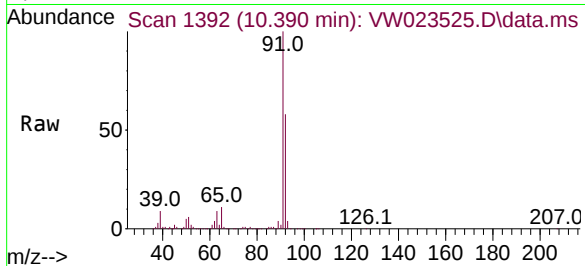




#42
Toluene
Concen: 103.360 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

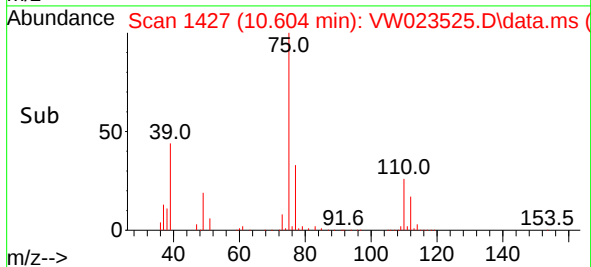
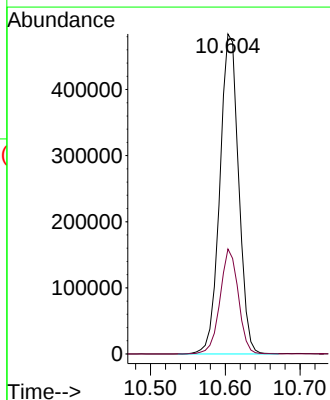
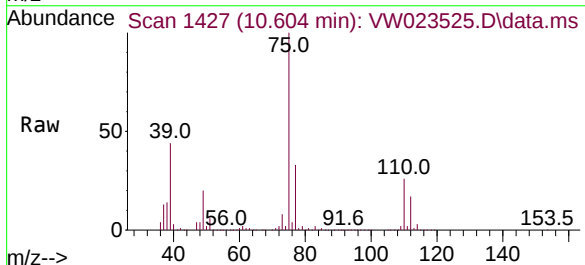
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

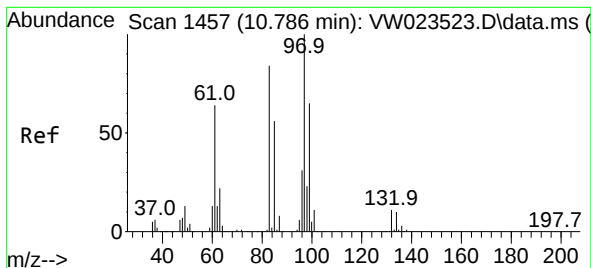
Tgt Ion: 91 Resp: 2687133
Ion Ratio Lower Upper
91 100
92 58.3 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 111.309 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion: 75 Resp: 846658
Ion Ratio Lower Upper
75 100
77 32.8 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 99.088 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

Tgt Ion: 97 Resp: 453719

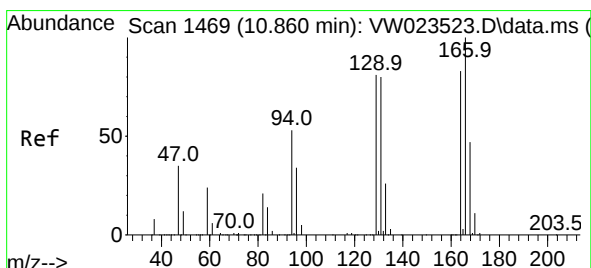
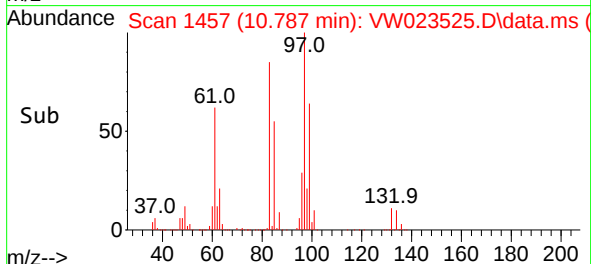
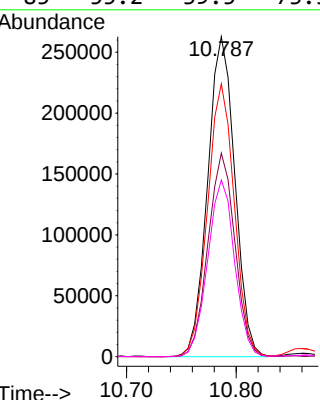
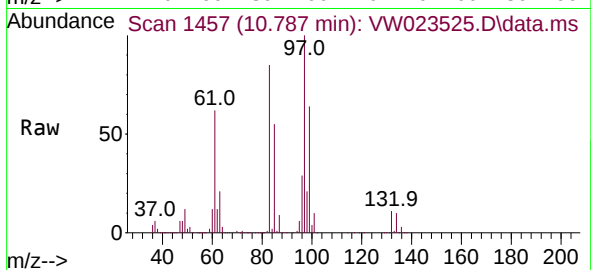
Ion Ratio Lower Upper

97 100

99 63.6 45.3 84.1

83 85.2 58.9 109.5

85 55.2 39.5 73.3



#46

Tetrachloroethene

Concen: 100.515 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Tgt Ion: 164 Resp: 516522

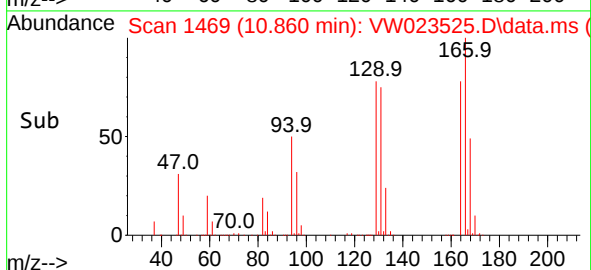
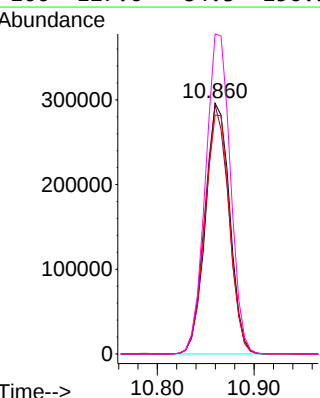
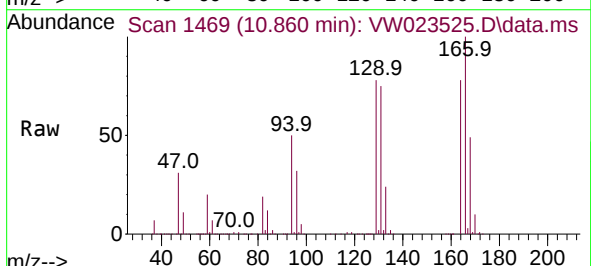
Ion Ratio Lower Upper

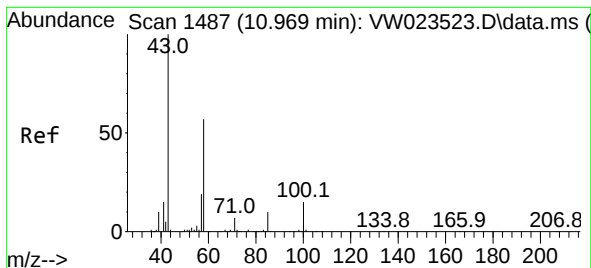
164 100

129 99.4 68.6 127.4

131 95.3 67.3 124.9

166 127.6 84.3 156.5





#48

2-Hexanone

Concen: 221.313 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

Tgt Ion: 43 Resp: 470049

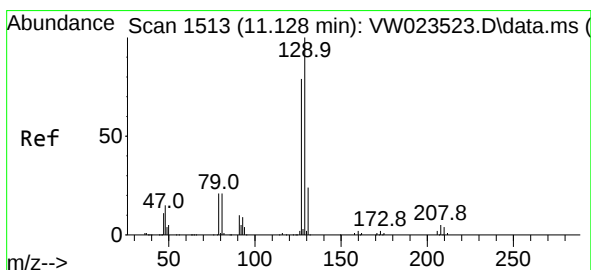
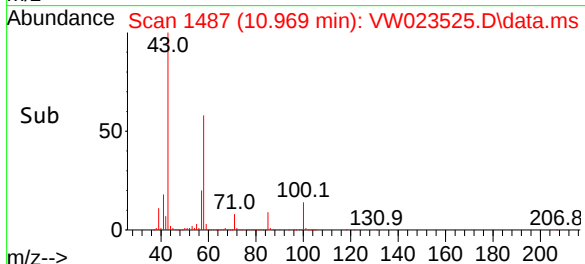
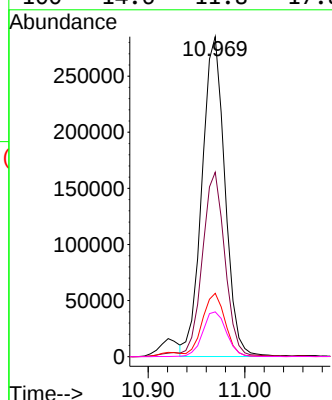
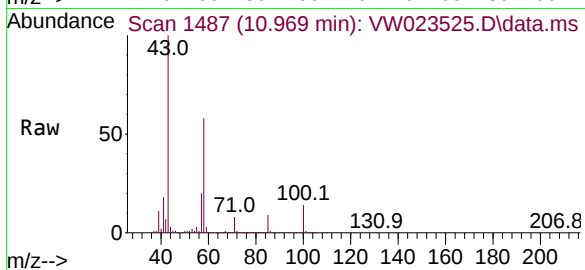
Ion Ratio Lower Upper

43 100

58 56.3 44.4 66.6

57 19.9 15.5 23.3

100 14.6 11.8 17.8



#49

Dibromochloromethane

Concen: 108.738 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023525.D

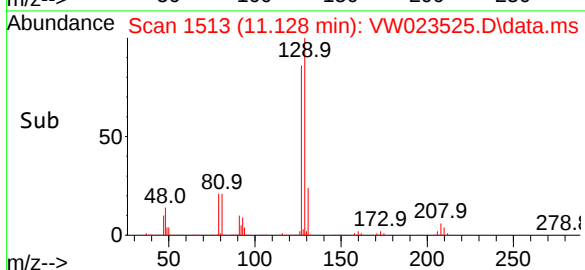
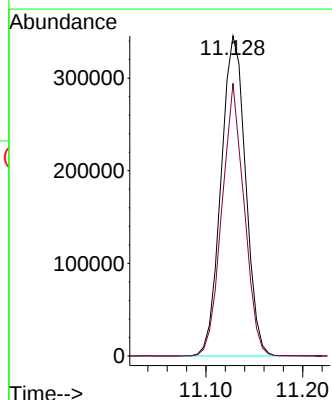
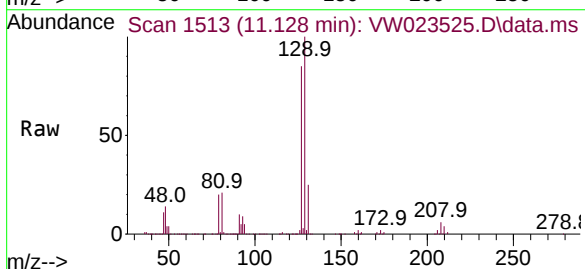
Acq: 28 Jun 2022 11:19

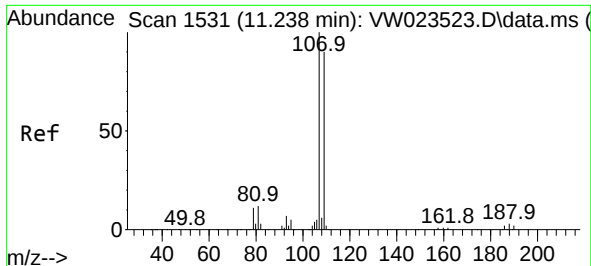
Tgt Ion:129 Resp: 607023

Ion Ratio Lower Upper

129 100

127 85.2 55.4 103.0

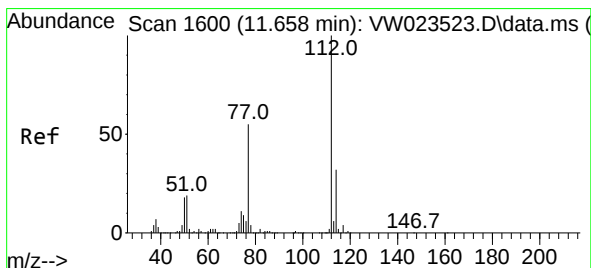
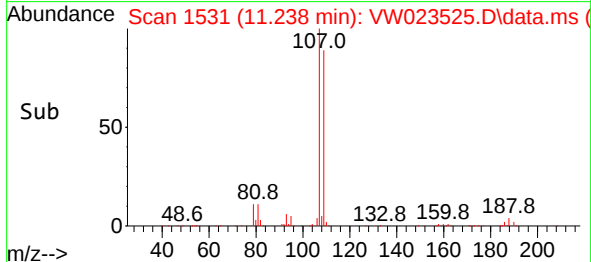
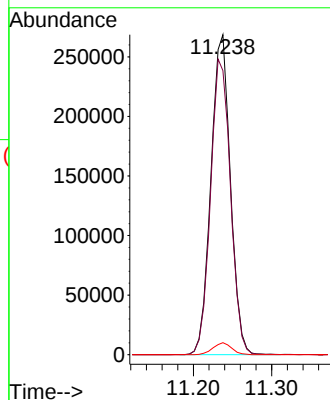
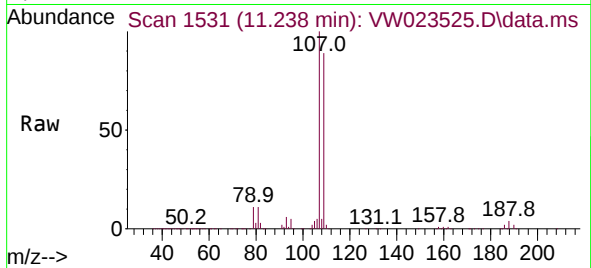




#50
1,2-Dibromoethane
Concen: 104.242 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

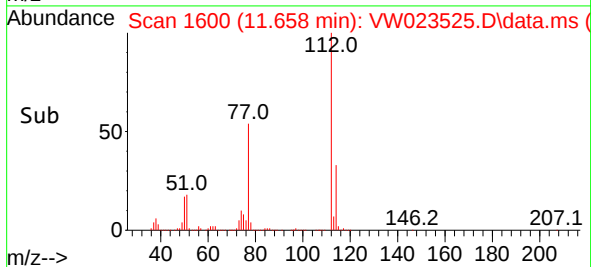
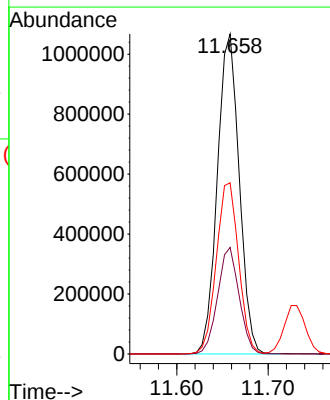
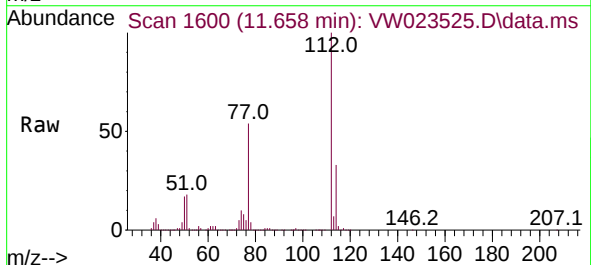
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

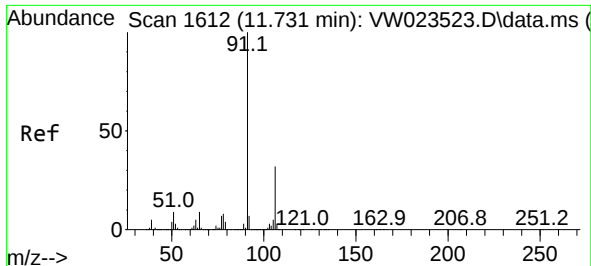
Tgt Ion:107 Resp: 464277
Ion Ratio Lower Upper
107 100
109 88.8 62.7 116.5
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 100.662 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:112 Resp: 1776729
Ion Ratio Lower Upper
112 100
114 33.3 22.3 41.3
77 53.5 43.9 65.9

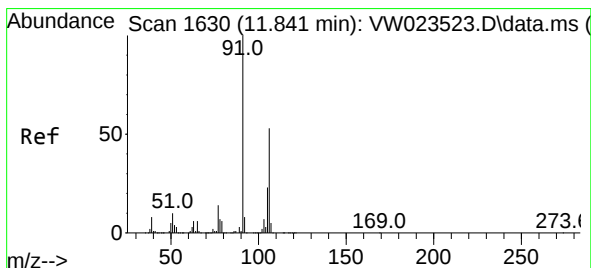
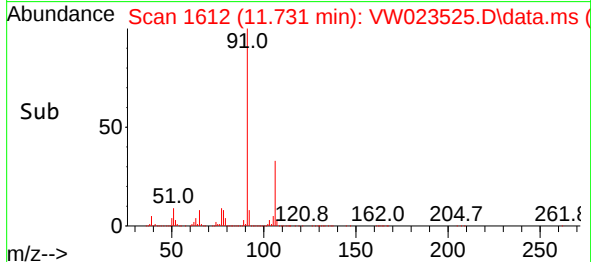
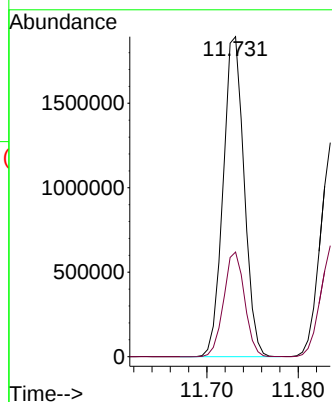
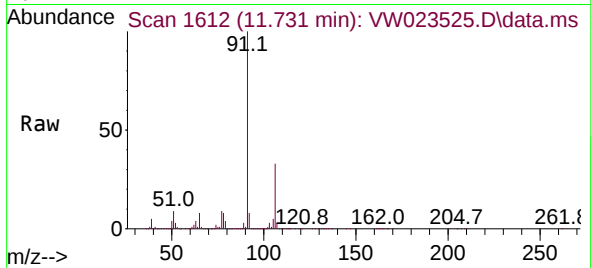




#52
Ethylbenzene
Concen: 104.451 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

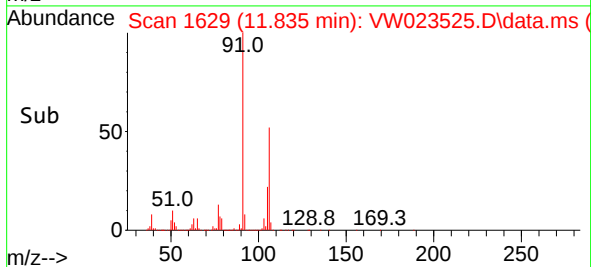
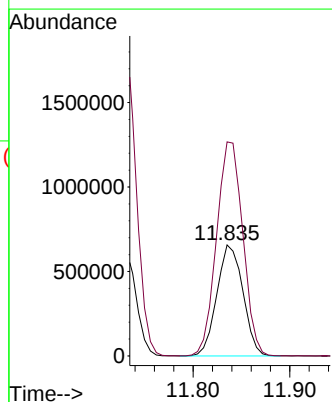
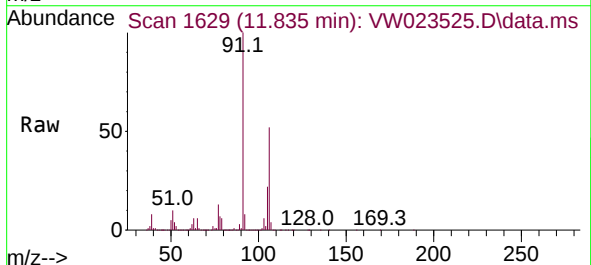
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

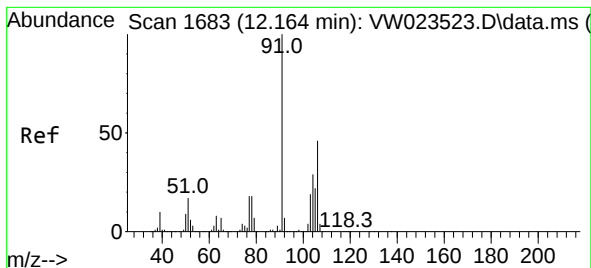
Tgt Ion: 91 Resp: 3024881
Ion Ratio Lower Upper
91 100
106 32.7 22.7 42.1



#53
m,p-Xylene
Concen: 107.049 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:106 Resp: 1225280
Ion Ratio Lower Upper
106 100
91 192.8 131.8 244.8

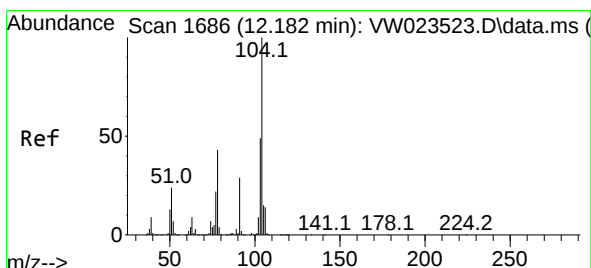
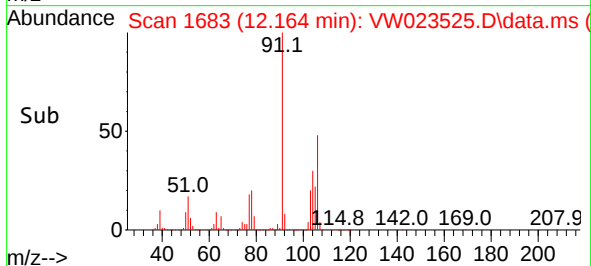
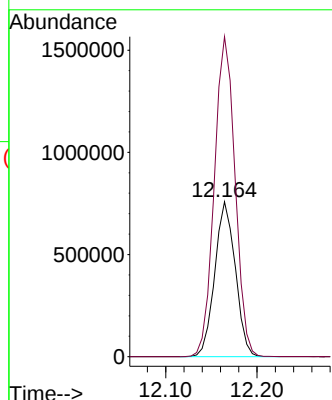
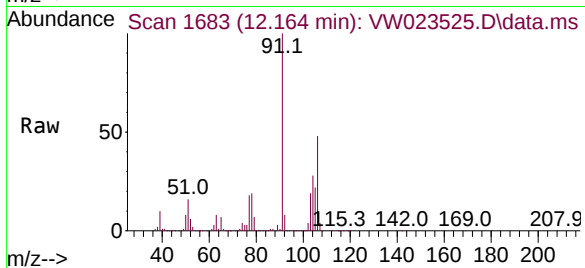




#54
o-Xylene
Concen: 111.172 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

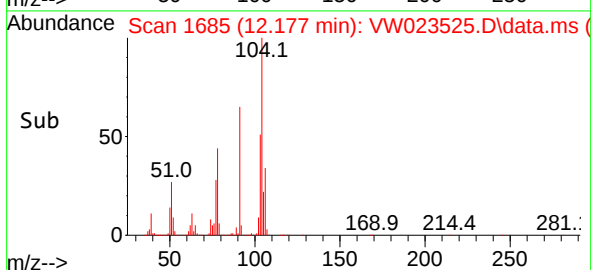
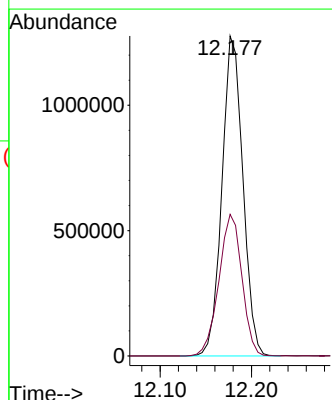
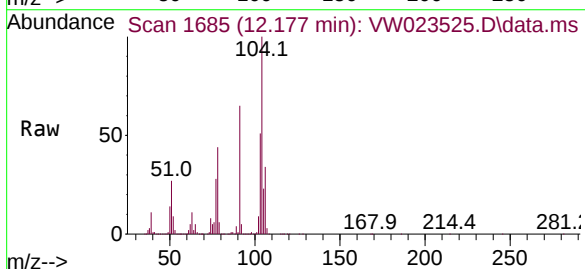
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

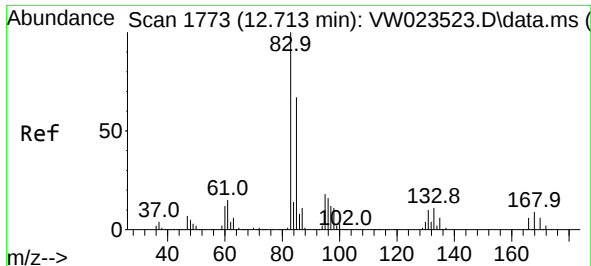
Tgt Ion:106 Resp: 1182985
Ion Ratio Lower Upper
106 100
91 206.5 153.6 285.3



#55
Styrene
Concen: 110.227 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:104 Resp: 2031015
Ion Ratio Lower Upper
104 100
78 44.2 30.2 56.2





#57

1,1,2-Tetrachloroethane

Concen: 98.734 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

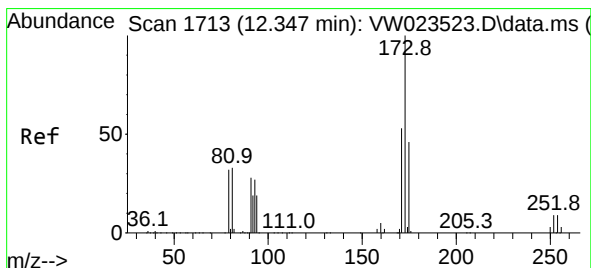
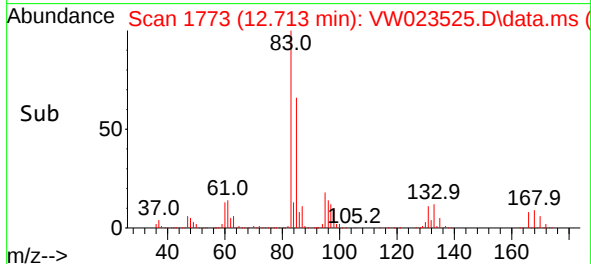
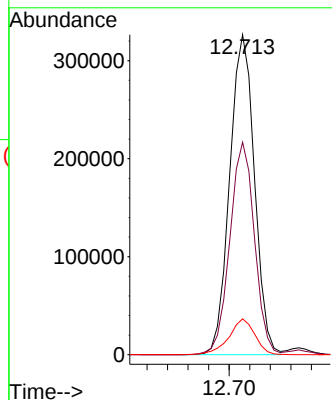
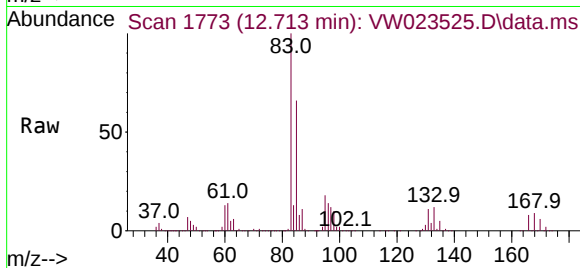
Tgt Ion: 83 Resp: 545459

Ion Ratio Lower Upper

83 100

85 66.4 46.8 87.0

131 11.2 8.1 12.1



#59

Bromoform

Concen: 113.852 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

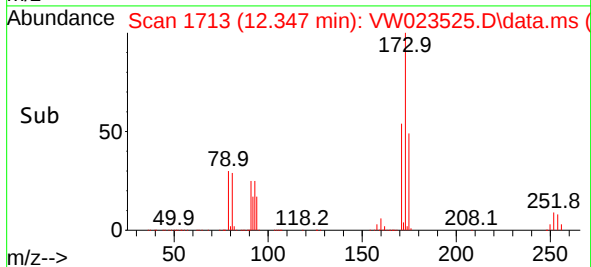
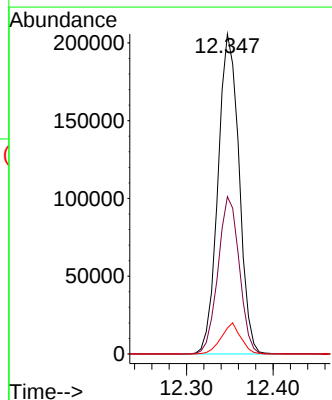
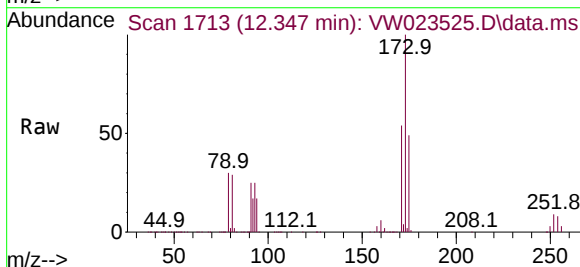
Tgt Ion:173 Resp: 347401

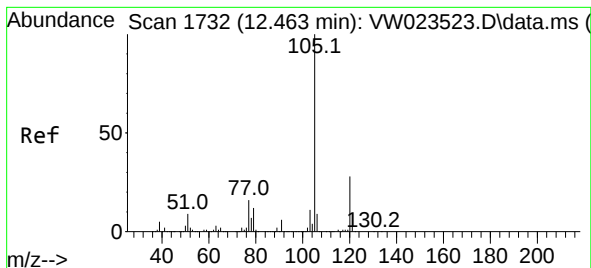
Ion Ratio Lower Upper

173 100

175 49.6 38.7 58.1

254 9.0 6.9 10.3





#60

Isopropylbenzene

Concen: 106.670 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

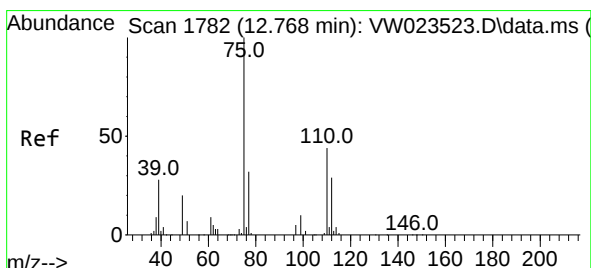
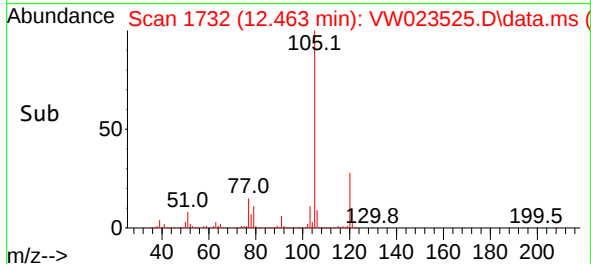
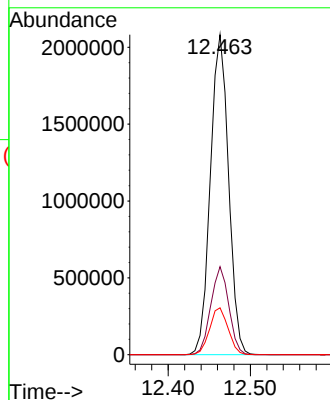
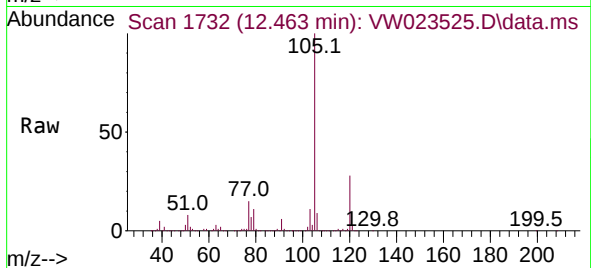
Tgt Ion:105 Resp: 3196964

Ion Ratio Lower Upper

105 100

120 27.2 22.1 33.1

77 14.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 93.471 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

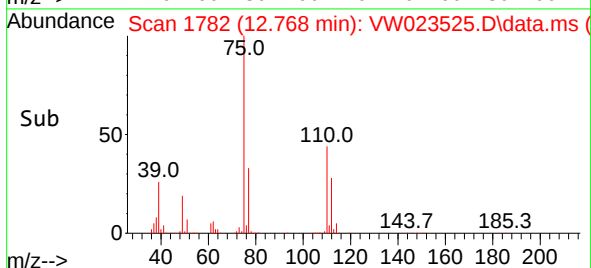
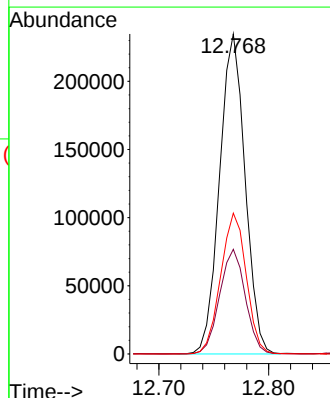
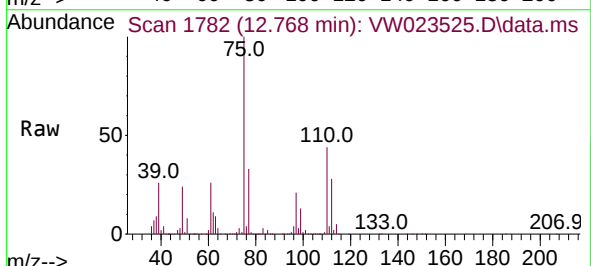
Tgt Ion: 75 Resp: 379867

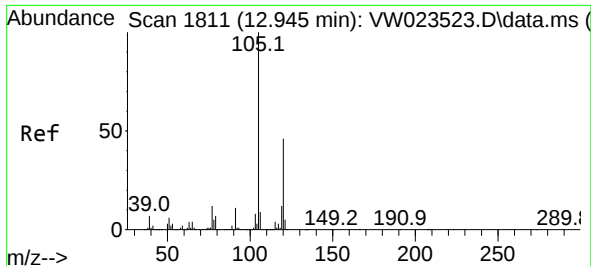
Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.4

110 44.1 34.0 51.0

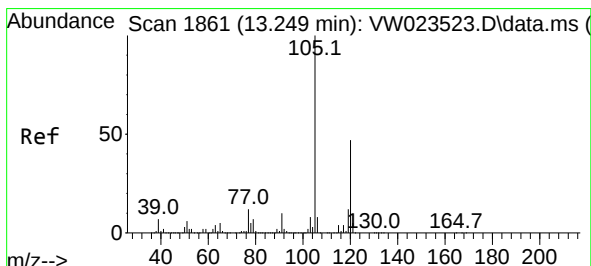
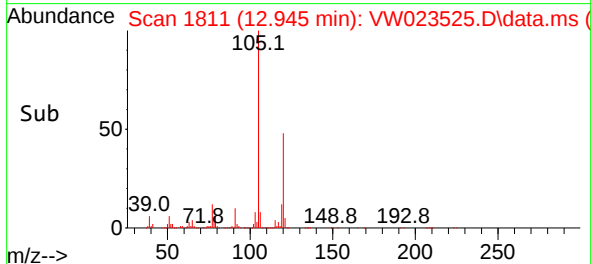
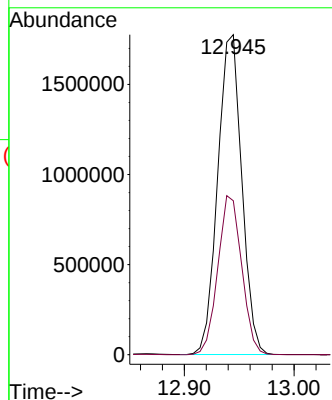
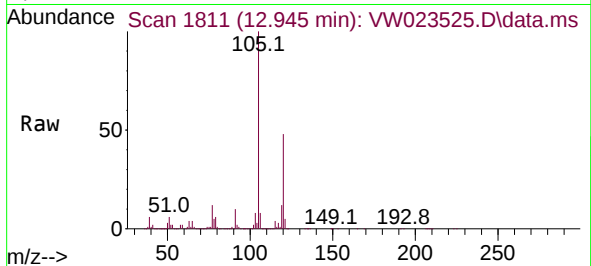




#62
1,3,5-Trimethylbenzene
Concen: 110.475 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

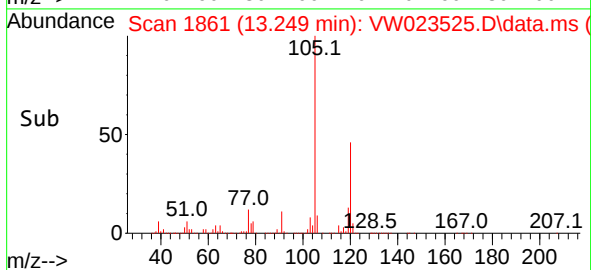
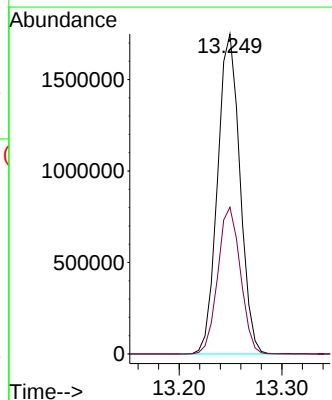
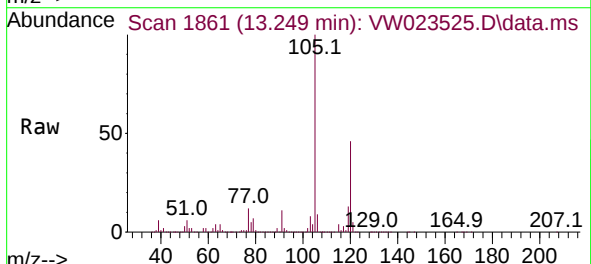
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

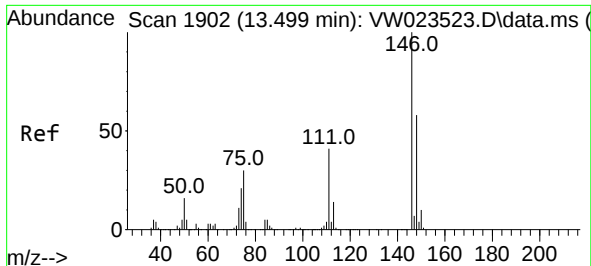
Tgt Ion:105 Resp: 2713911
Ion Ratio Lower Upper
105 100
120 49.3 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 108.978 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:105 Resp: 2641269
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9

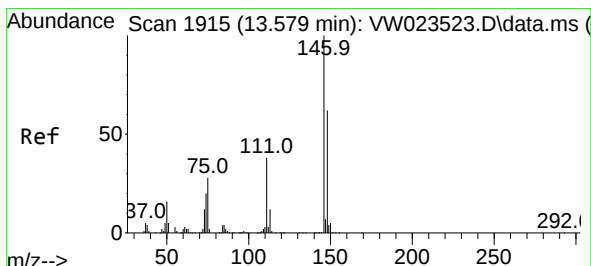
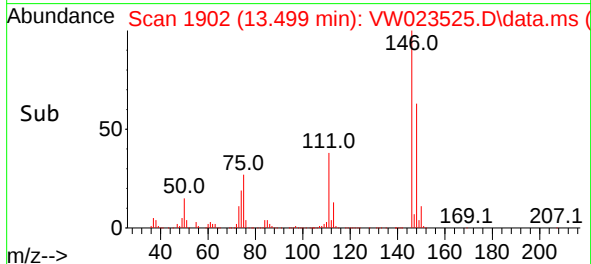
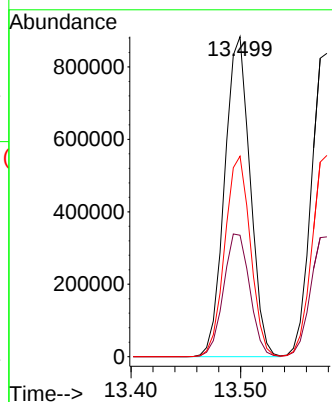
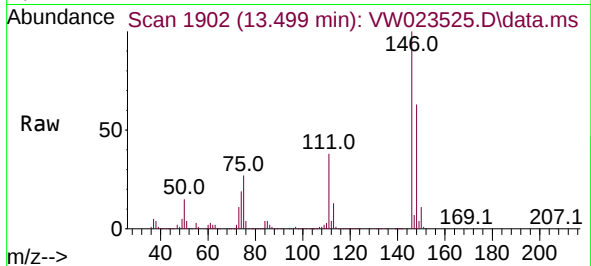




#64
1,3-Dichlorobenzene
Concen: 103.349 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

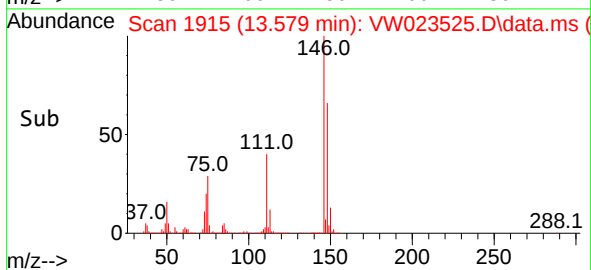
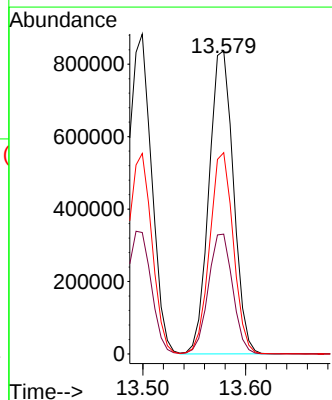
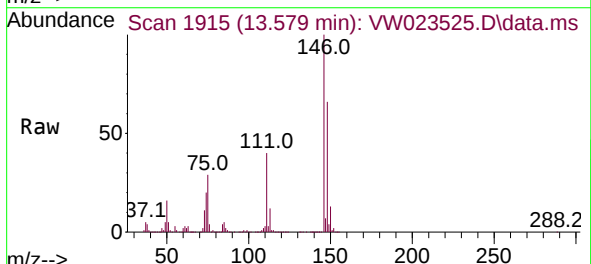
Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

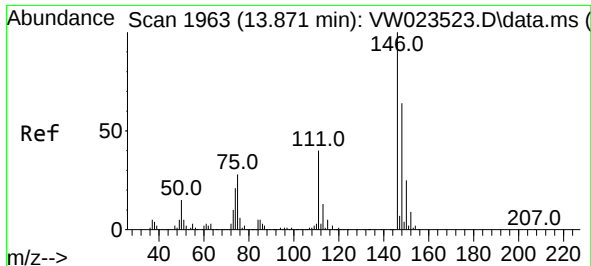
Tgt Ion:146 Resp: 1425951
Ion Ratio Lower Upper
146 100
111 37.9 28.6 53.2
148 62.6 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 97.656 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:146 Resp: 1383304
Ion Ratio Lower Upper
146 100
111 39.5 27.0 50.2
148 66.4 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 103.394 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

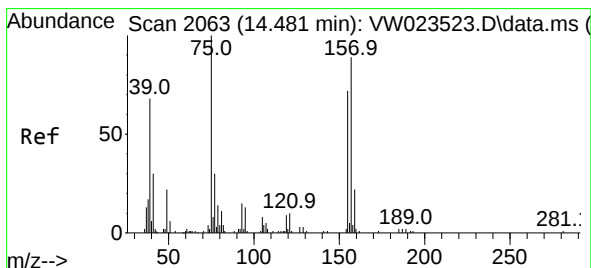
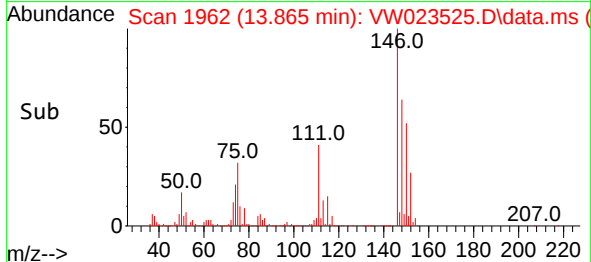
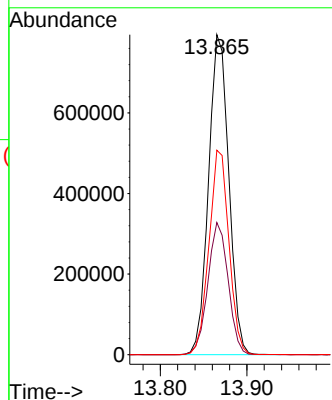
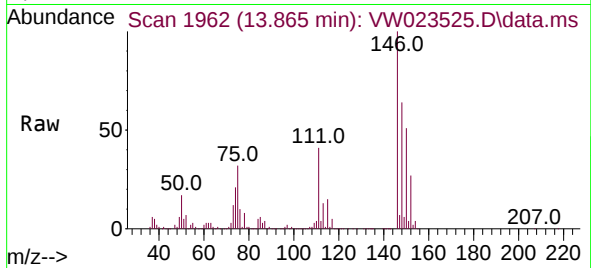
Tgt Ion:146 Resp: 1286242

Ion Ratio Lower Upper

146 100

111 41.3 31.7 47.5

148 63.9 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 93.961 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

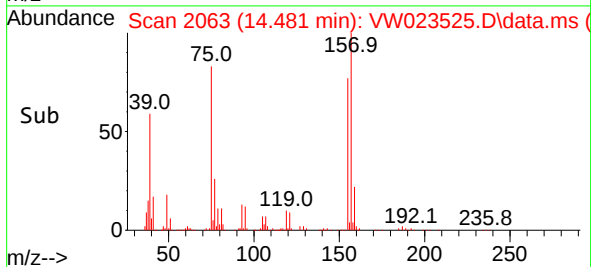
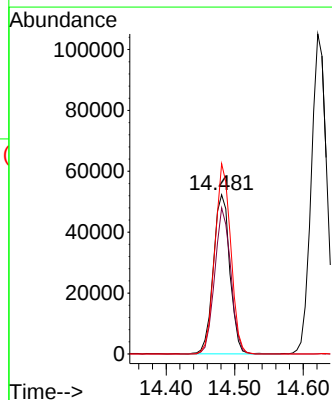
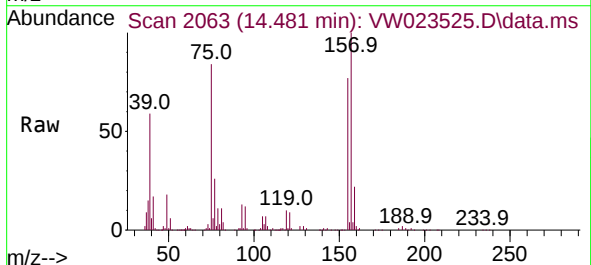
Tgt Ion: 75 Resp: 87677

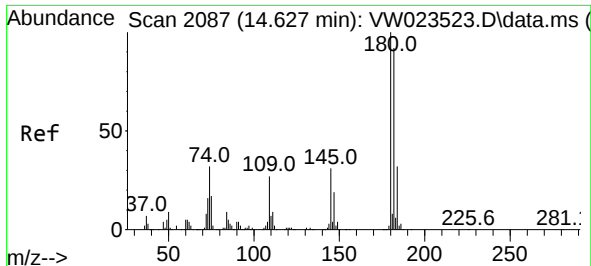
Ion Ratio Lower Upper

75 100

155 91.8 57.5 86.3#

157 119.4 71.4 107.2#





#69

1,3,5-Trichlorobenzene

Concen: 104.488 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD100431

Tgt Ion:180 Resp: 944333

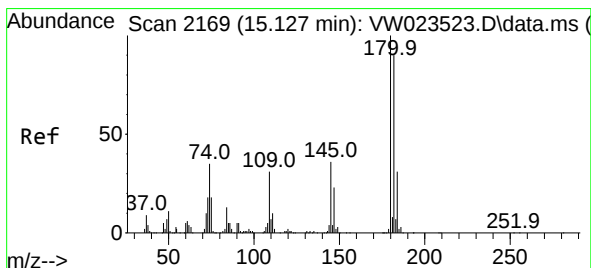
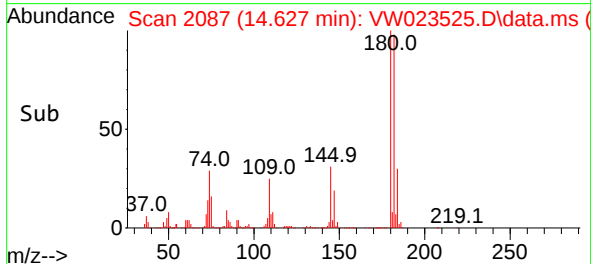
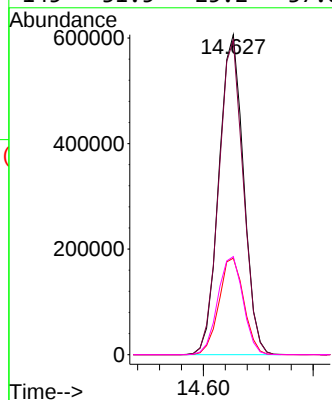
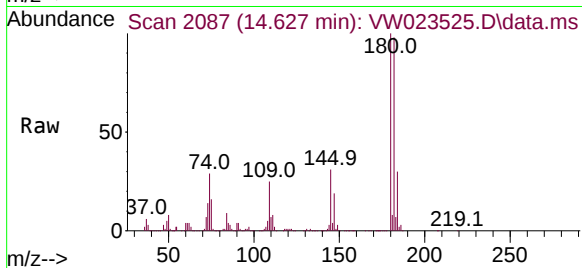
Ion Ratio Lower Upper

180 100

182 97.7 75.8 113.8

184 30.5 23.9 35.9

145 31.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 114.275 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023525.D

Acq: 28 Jun 2022 11:19

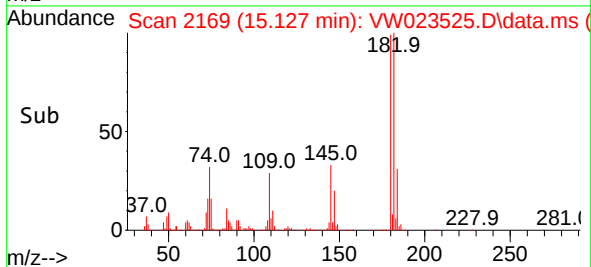
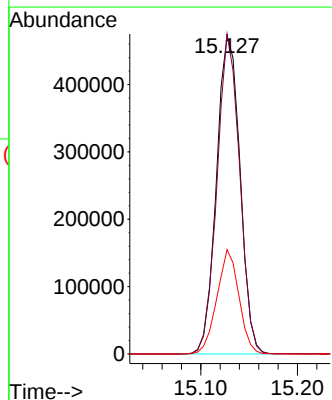
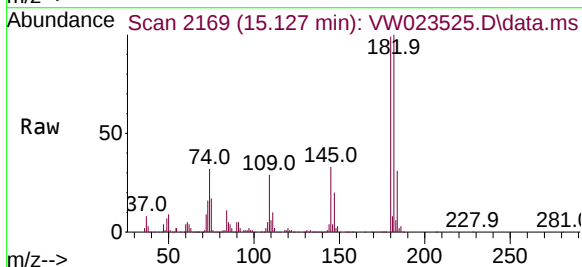
Tgt Ion:180 Resp: 796976

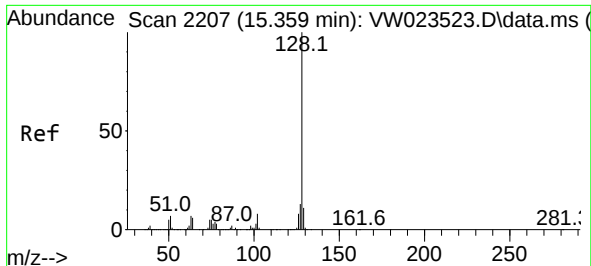
Ion Ratio Lower Upper

180 100

182 96.9 72.3 108.5

145 30.7 26.6 40.0

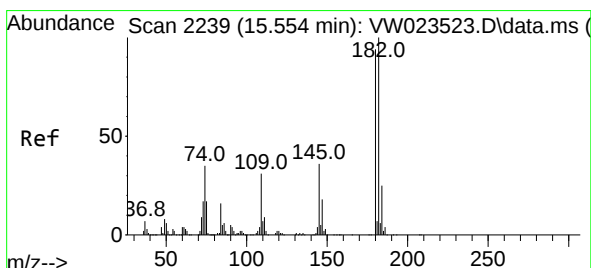
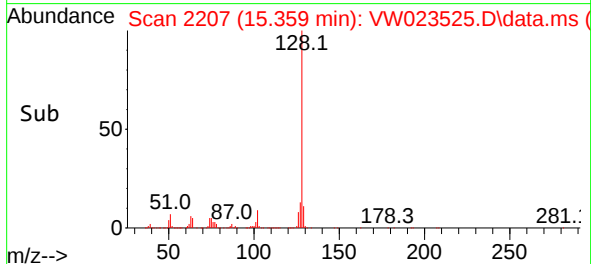
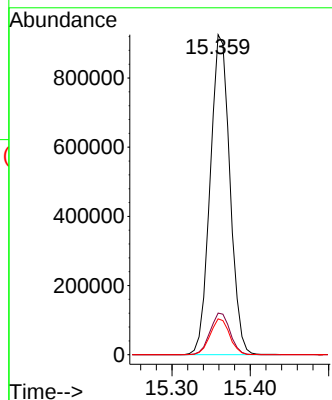
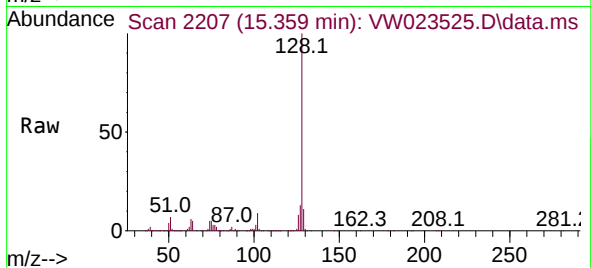




#71
Naphthalene
Concen: 122.162 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTD100431

Tgt Ion:128 Resp: 1616362
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 113.137 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023525.D
Acq: 28 Jun 2022 11:19

Tgt Ion:180 Resp: 682094
Ion Ratio Lower Upper
180 100
182 97.5 78.7 118.1
145 34.7 30.2 45.2

