

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023522.D
 Acq On : 28 Jun 2022 10:07
 Operator : SY/VA
 Sample : VSTD00528
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005428

Quant Time: Jun 29 01:33:16 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	8.848	114	333392	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	304031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30306	7.084	ug/L	0.00
7) Chloroethane-d5	2.885	69	21176	6.530	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	39695	5.896	ug/L	-0.01
21) 2-Butanone-d5	7.086	46	9456	9.389	ug/L	0.00
24) Chloroform-d	7.653	84	49437	5.775	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	27466	6.095	ug/L	0.00
32) Benzene-d6	8.275	84	90763	6.038	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	26651	5.947	ug/L	0.00
41) Toluene-d8	10.323	98	85695	5.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	11536	5.687	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	6905	9.612	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	23998	5.814	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	28497	5.537	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	3782	2.492	ug/L	95
3) Chloromethane	2.221	50	19109	4.696	ug/L	97
5) Vinyl chloride	2.361	62	28510	4.629	ug/L	100
6) Bromomethane	2.776	94	16716	4.774	ug/L	97
8) Chloroethane	2.922	64	14675	4.546	ug/L	93
9) Trichlorofluoromethane	3.263	101	15645	4.849	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.239	101	95	0.022	ug/L	93
12) 1,1-Dichloroethene	4.044	96	18042	4.724	ug/L	87
13) Acetone	4.123	43	4881	6.850	ug/L	83
14) Carbon disulfide	4.385	76	52982	4.422	ug/L	97
15) Methyl Acetate	4.678	43	7767	4.668	ug/L #	65
16) Methylene chloride	4.922	84	26679	5.355	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	22084	4.918	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	30758	4.792	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	37381	4.939	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	22295	4.714	ug/L	83
22) 2-Butanone	7.177	43	9364	7.853	ug/L	88
23) Bromochloromethane	7.519	128	10918	4.880	ug/L	92
25) Chloroform	7.677	83	42804	5.020	ug/L	99
27) 1,2-Dichloroethane	8.403	62	28324	5.167	ug/L	96
29) Cyclohexane	7.964	56	27739	4.482	ug/L #	93
30) 1,1,1-Trichloroethane	7.872	97	37589	5.240	ug/L	98
31) Carbon tetrachloride	8.067	117	33660	5.110	ug/L	99
33) Benzene	8.323	78	90705	5.199	ug/L	100
34) Trichloroethene	9.092	95	24662	5.131	ug/L	94
35) Methylcyclohexane	9.342	83	35751	4.675	ug/L	96
37) 1,2-Dichloropropane	9.372	63	21095	5.091	ug/L	99
38) Bromodichloromethane	9.646	83	30049	5.056	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	30058	4.725	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	22618	9.701	ug/L	96
42) Toluene	10.384	91	95667	4.984	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	26312	4.685	ug/L	99

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

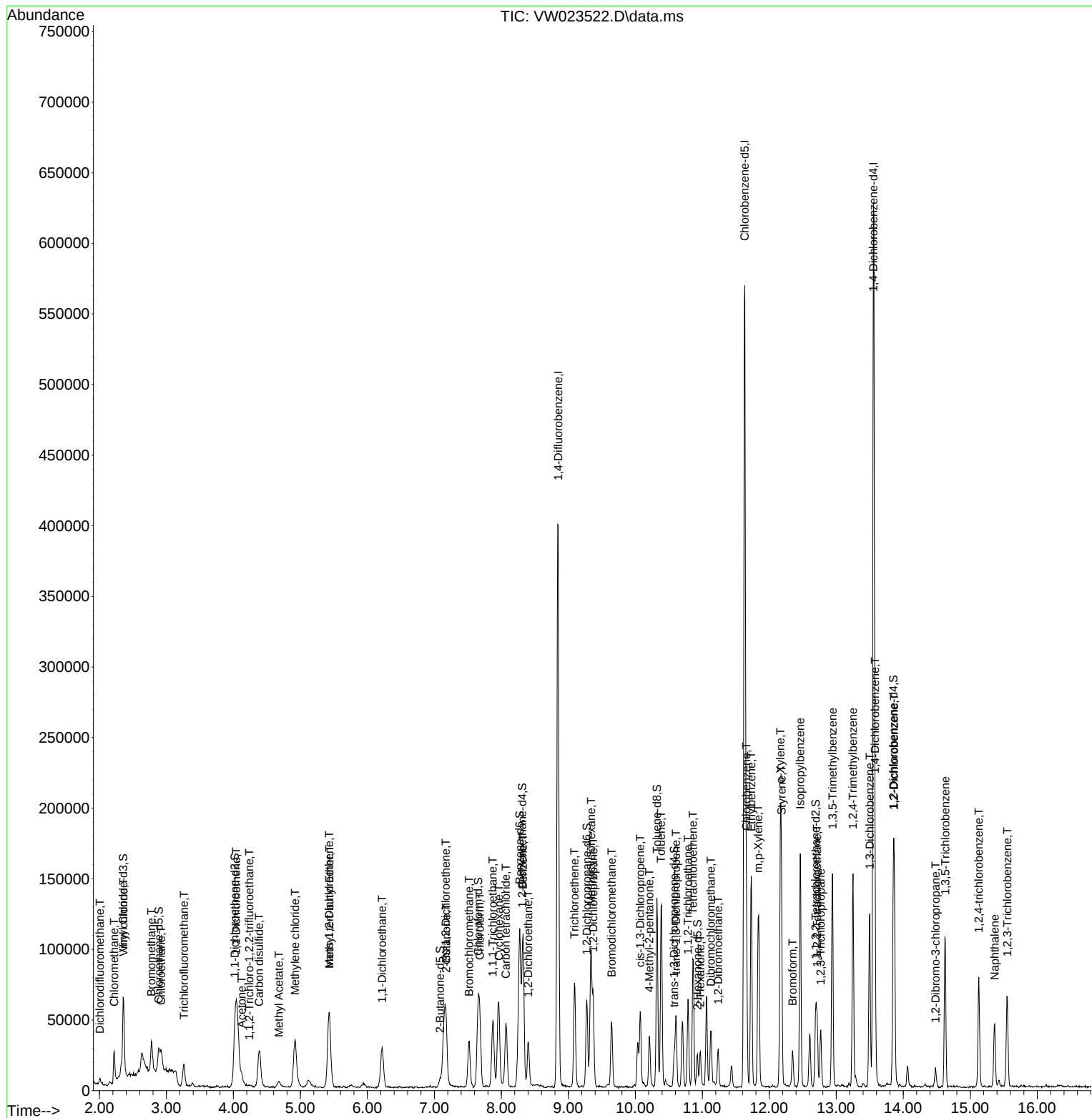
45) 1,1,2-Trichloroethane	10.786	97	17624	5.213	ug/L	95
46) Tetrachloroethene	10.860	164	18908	4.983	ug/L	96
48) 2-Hexanone	10.969	43	15394	9.816	ug/L #	92
49) Dibromochloromethane	11.128	129	19872	4.821	ug/L	96
50) 1,2-Dibromoethane	11.238	107	16194	4.924	ug/L #	76
51) Chlorobenzene	11.658	112	65474	5.024	ug/L	98
52) Ethylbenzene	11.731	91	101368	4.741	ug/L	100
53) m,p-Xylene	11.835	106	40403	4.781	ug/L	95
54) o-Xylene	12.164	106	36333	4.624	ug/L	100
55) Styrene	12.183	104	62678	4.607	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	20565	5.042	ug/L	97
59) Bromoform	12.347	173	9613	4.658	ug/L	93
60) Isopropylbenzene	12.463	105	99185	4.893	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	15014	5.462	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	78468	4.723	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	79446	4.846	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	46402	4.972	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	50548	5.276	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	40238	4.782	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	3442	5.454	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	30021	4.911	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	20765	4.402	ug/L	94
71) Naphthalene	15.365	128	36715	4.103	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	19109	4.686	ug/L	95

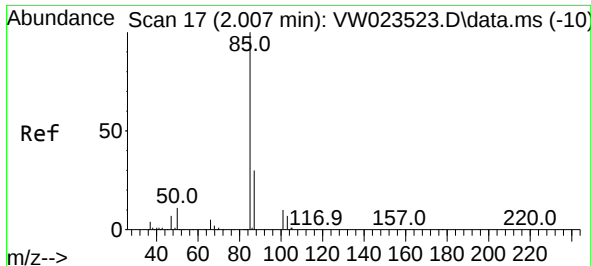
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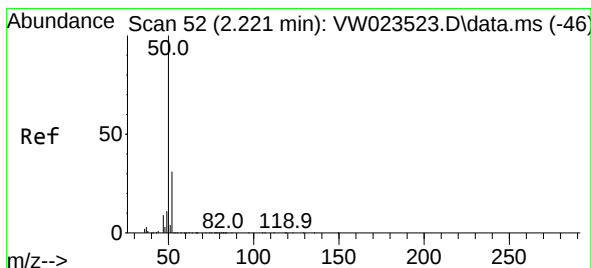
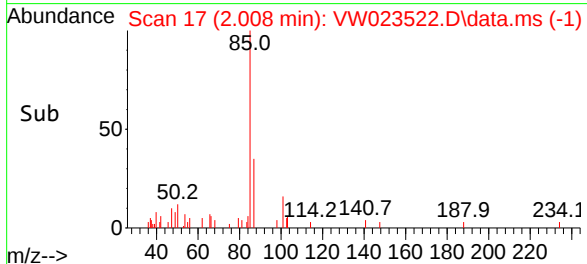
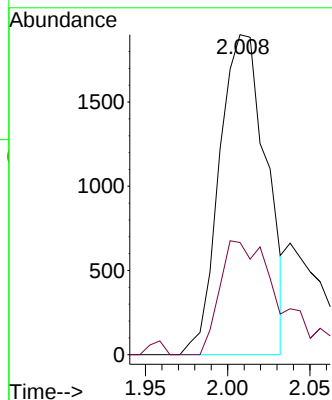
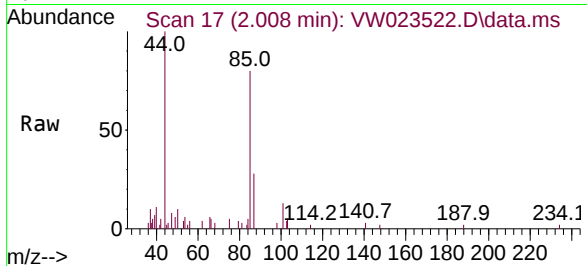




#2
Dichlorodifluoromethane
Concen: 2.492 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

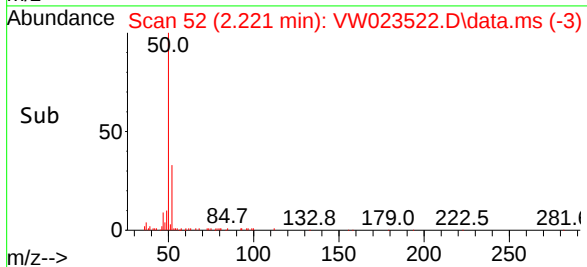
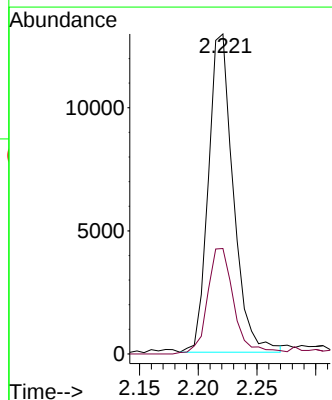
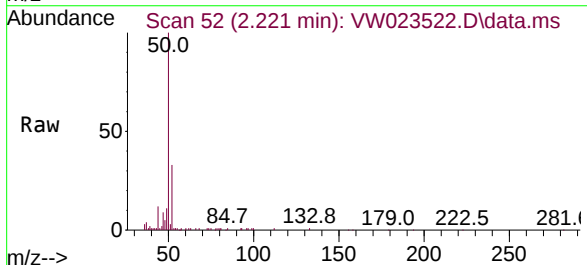
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ClientSampleId :
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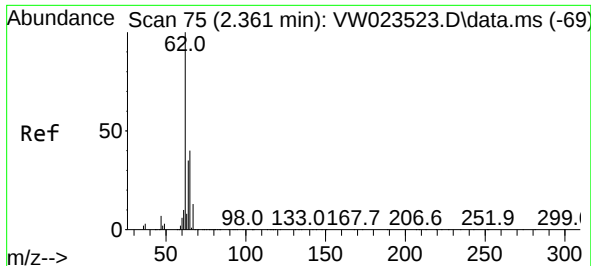
Tgt Ion: 85 Resp: 3782
Ion Ratio Lower Upper
85 100
87 23.8 21.0 31.4



#3
Chloromethane
Concen: 4.696 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 50 Resp: 19109
Ion Ratio Lower Upper
50 100
52 33.0 21.8 40.4

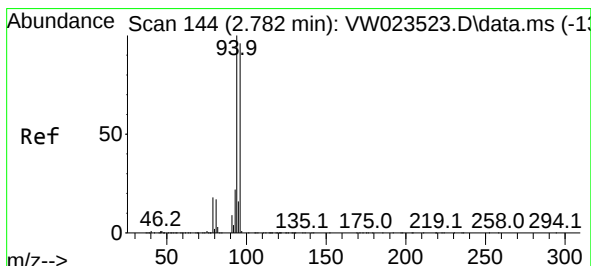
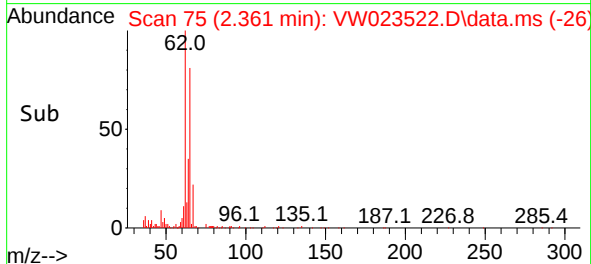
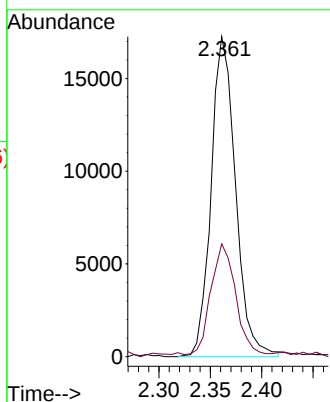
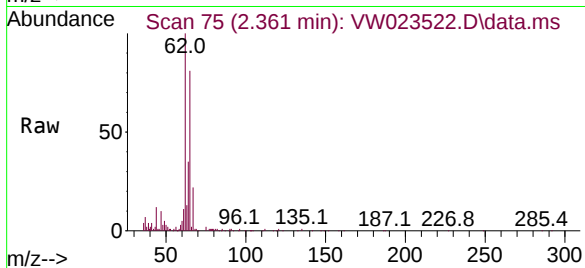




#5
 Vinyl chloride
 Concen: 4.629 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

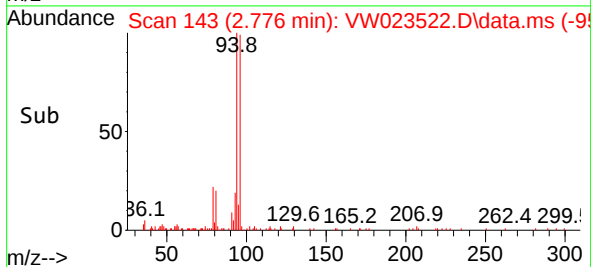
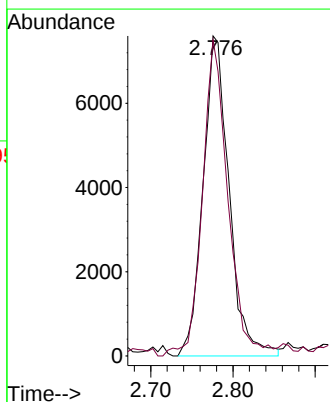
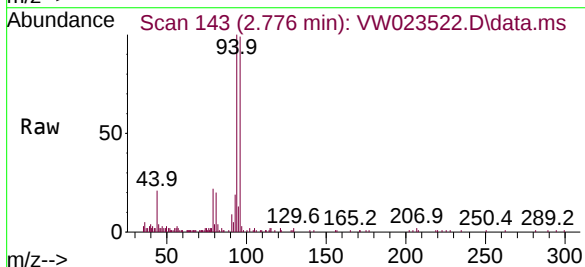
Instrument :
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 ClientSampleId :
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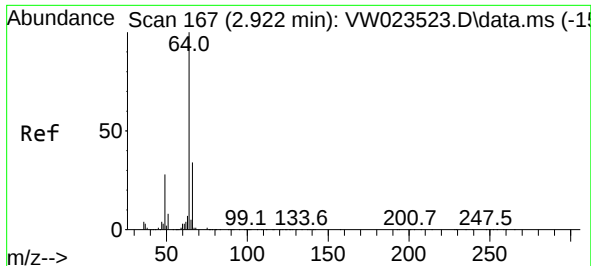
Tgt Ion: 62 Resp: 28510
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.6 45.6



#6
 Bromomethane
 Concen: 4.774 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

Tgt Ion: 94 Resp: 16716
 Ion Ratio Lower Upper
 94 100
 96 98.8 67.0 124.4

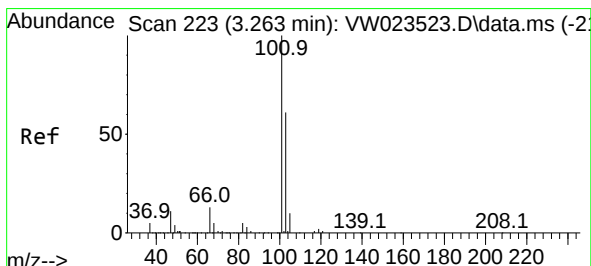
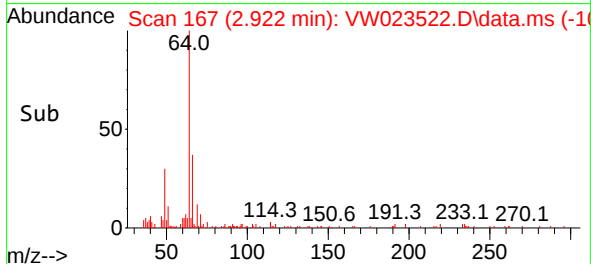
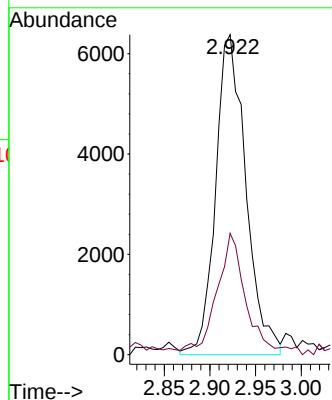
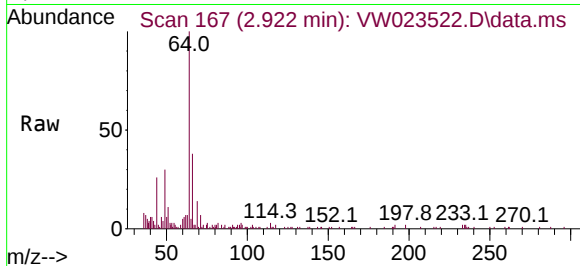




#8
Chloroethane
Concen: 4.546 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

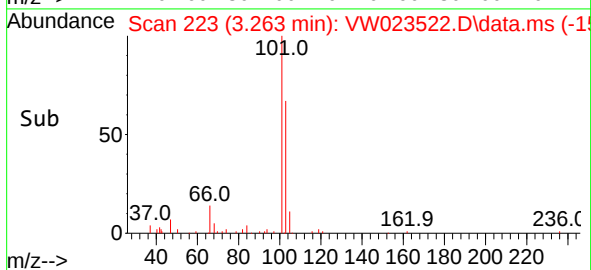
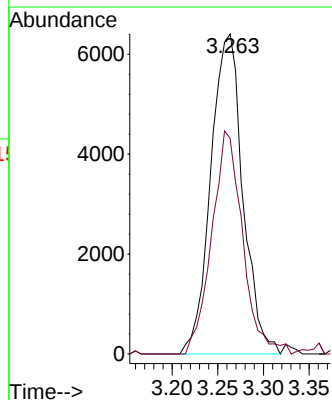
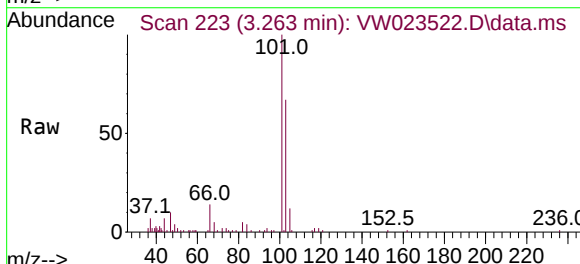
Instrument :
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ClientSampleId :
VSTD005428

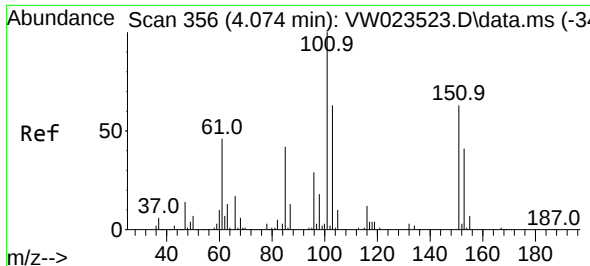
Tgt Ion: 64 Resp: 14675
Ion Ratio Lower Upper
64 100
66 37.9 23.6 43.8



#9
Trichlorofluoromethane
Concen: 4.849 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 101 Resp: 15645
Ion Ratio Lower Upper
101 100
103 66.6 53.1 79.7

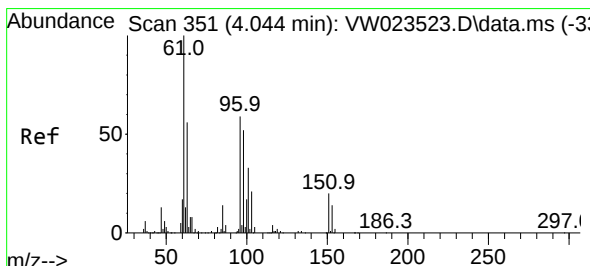
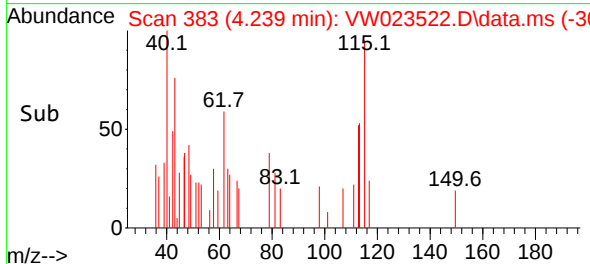
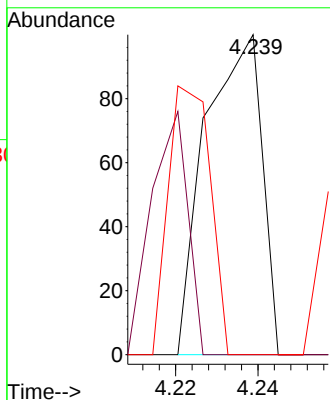
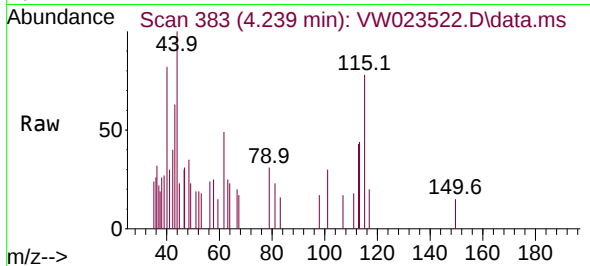




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.022 ug/L
 RT: 4.239 min Scan# 31
 Delta R.T. 0.165 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

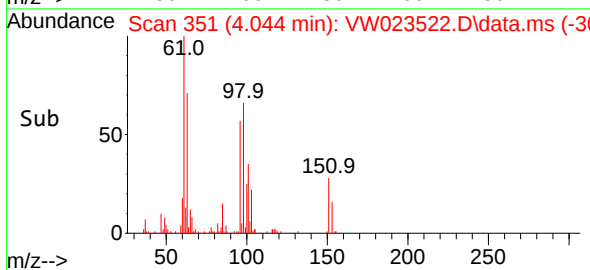
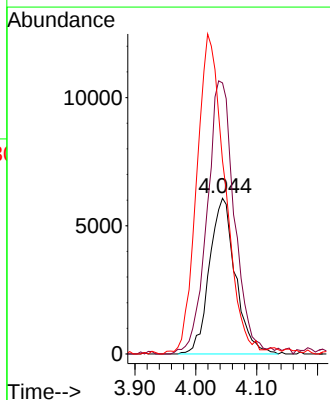
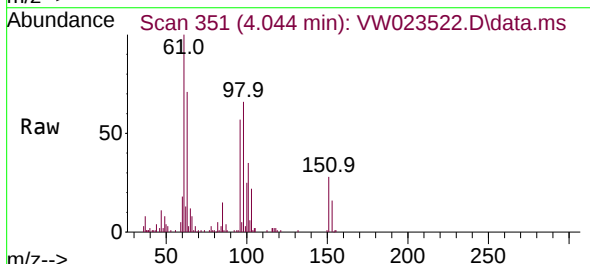
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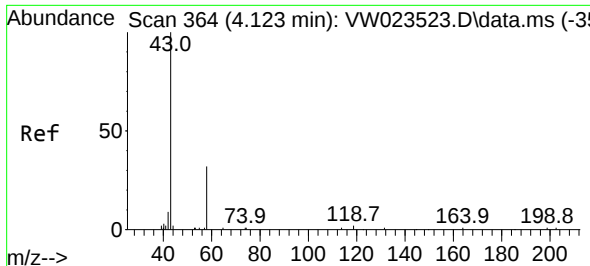
Tgt Ion:101 Resp: 95
 Ion Ratio Lower Upper
 101 100
 85 49.5 36.4 54.6
 151 63.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 4.724 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

Tgt Ion: 96 Resp: 18042
 Ion Ratio Lower Upper
 96 100
 61 174.0 118.4 219.8
 63 123.9 67.4 125.2

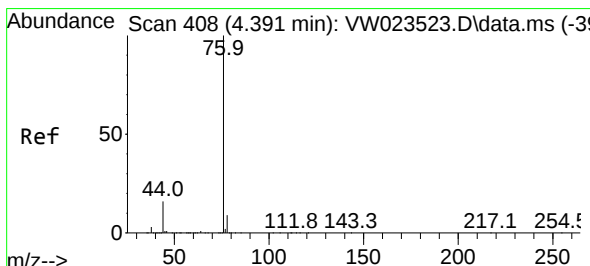
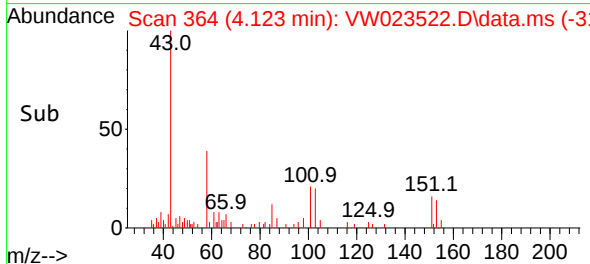
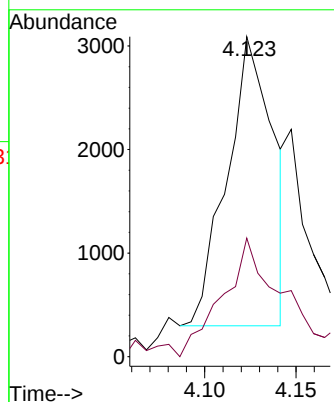
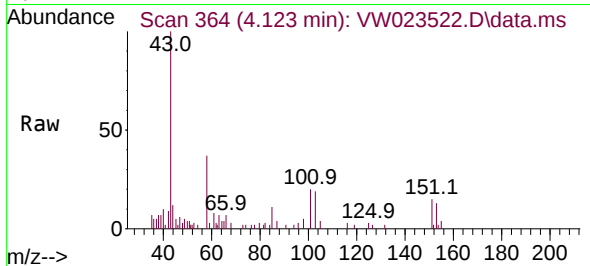




#13
Acetone
Concen: 6.850 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

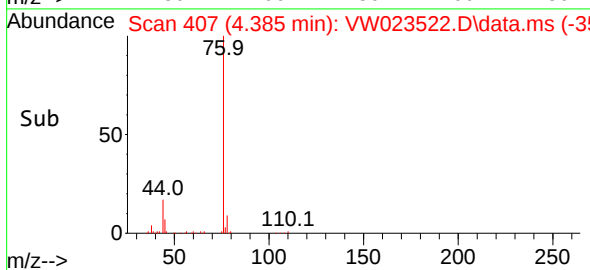
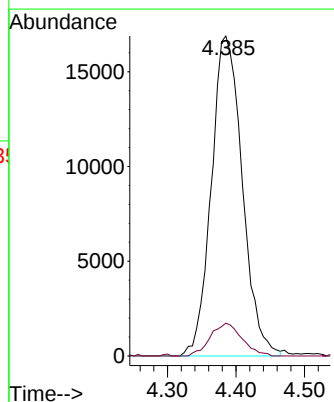
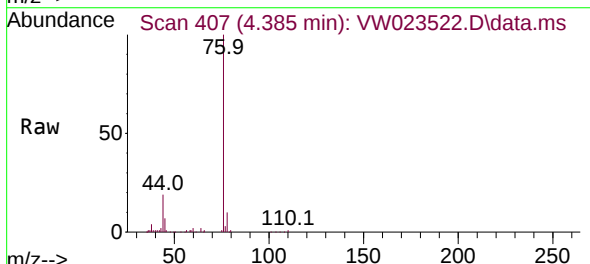
Instrument :
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ClientSampleId :
VSTD005428

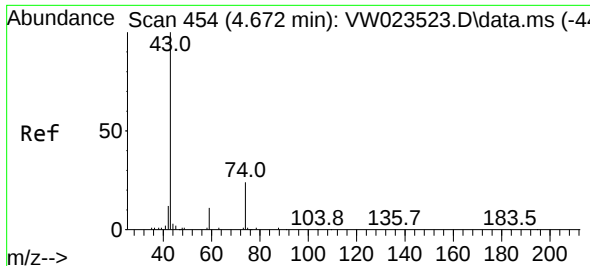
Tgt Ion: 43 Resp: 4881
Ion Ratio Lower Upper
43 100
58 41.3 0.0 63.2



#14
Carbon disulfide
Concen: 4.422 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 76 Resp: 52982
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

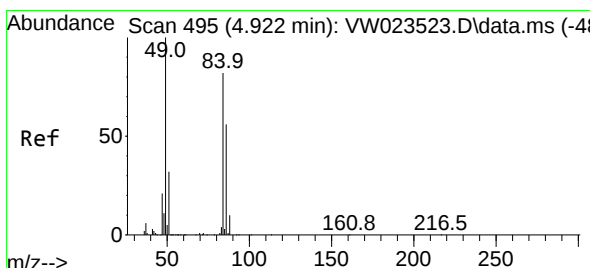
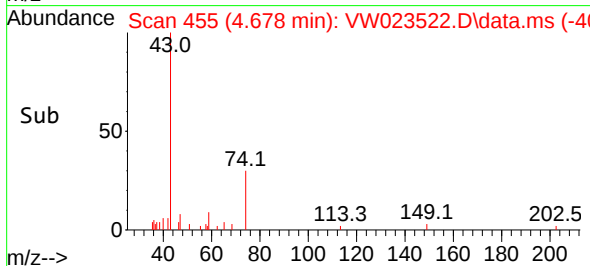
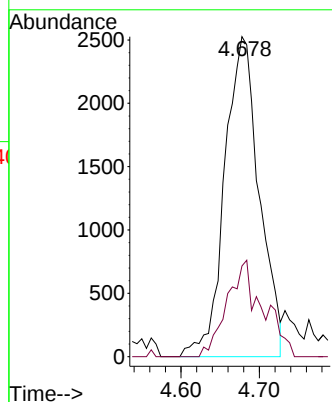
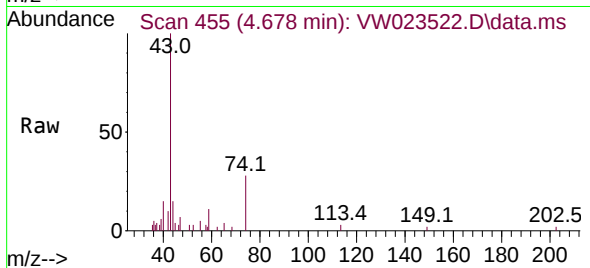




#15
Methyl Acetate
Concen: 4.668 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

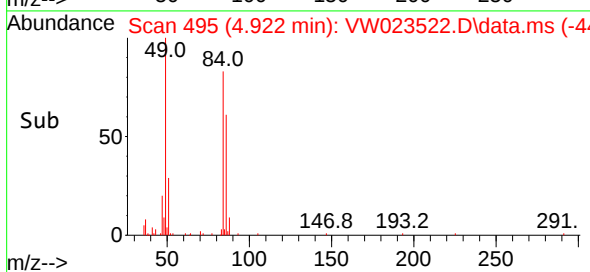
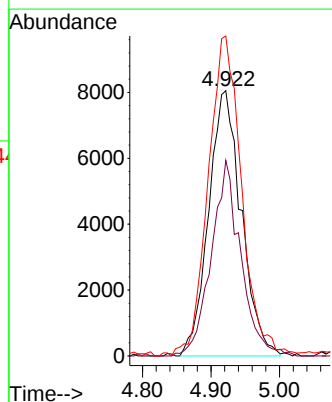
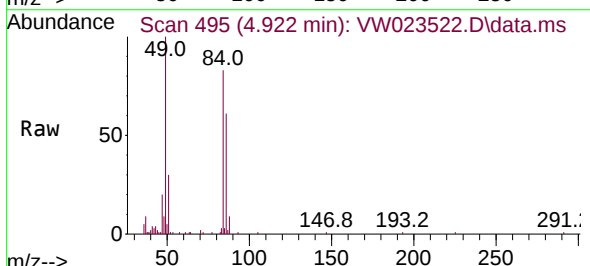
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

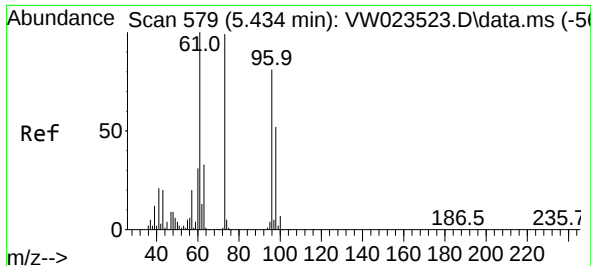
Tgt Ion: 43 Resp: 7767
Ion Ratio Lower Upper
43 100
74 8.7 21.5 32.3#



#16
Methylene chloride
Concen: 5.355 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 84 Resp: 26679
Ion Ratio Lower Upper
84 100
86 73.7 47.8 88.8
49 120.6 85.0 157.8

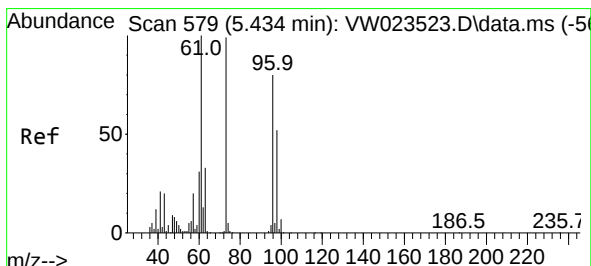
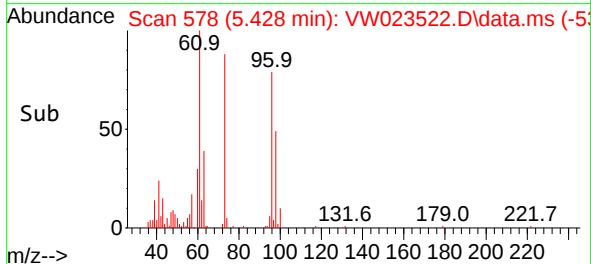
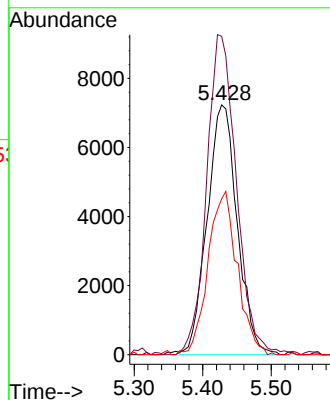
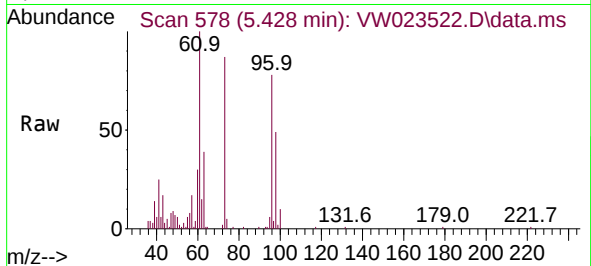




#17
trans-1,2-Dichloroethene
Concen: 4.918 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

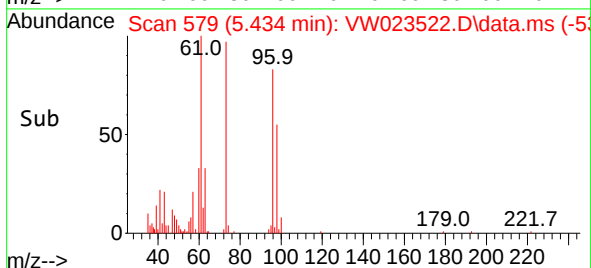
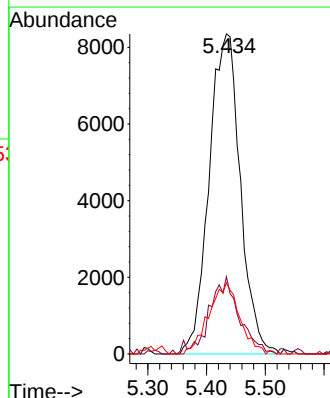
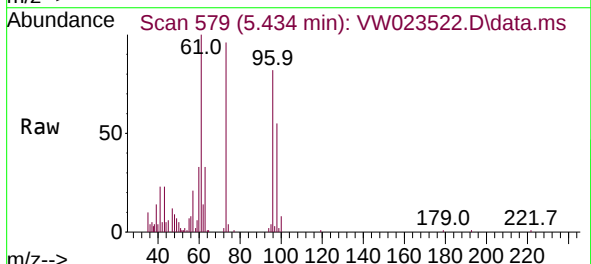
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

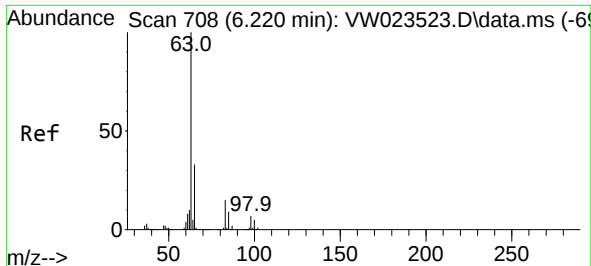
Tgt Ion: 96 Resp: 22084
Ion Ratio Lower Upper
96 100
61 127.4 87.0 161.6
98 62.4 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 4.792 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 73 Resp: 30758
Ion Ratio Lower Upper
73 100
43 9.4 16.0 24.0#
57 21.8 16.7 25.1





#19

1,1-Dichloroethane

Concen: 4.939 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD005428

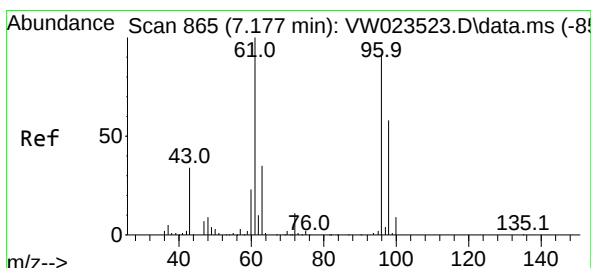
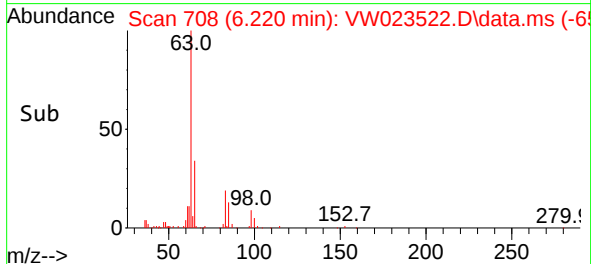
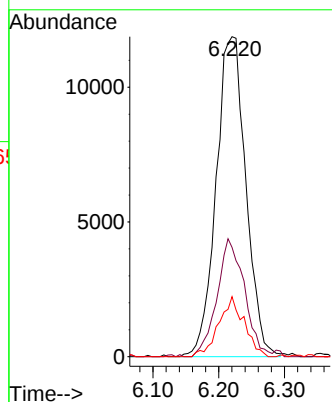
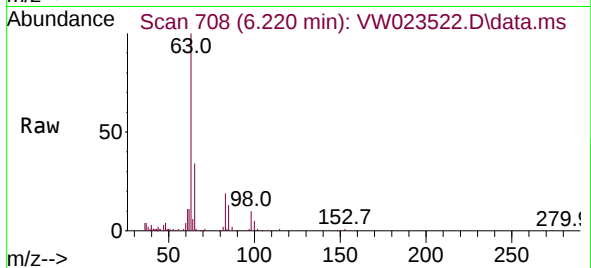
Tgt Ion: 63 Resp: 37381

Ion Ratio Lower Upper

63 100

65 34.2 23.2 43.2

83 18.8 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 4.714 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

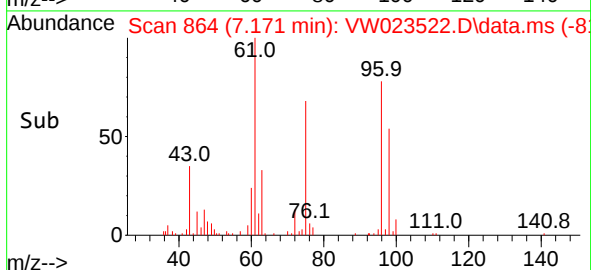
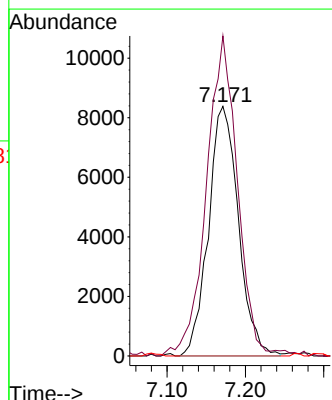
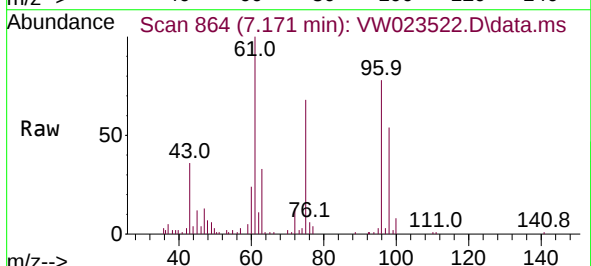
Tgt Ion: 96 Resp: 22295

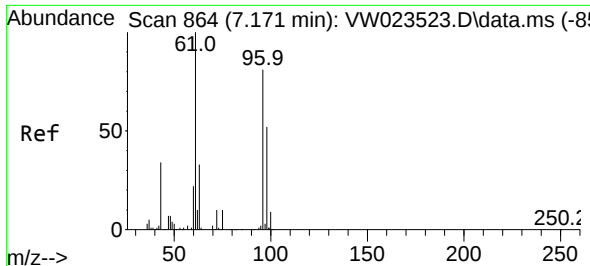
Ion Ratio Lower Upper

96 100

61 128.2 77.1 143.3

68 0.0 0.0 0.0

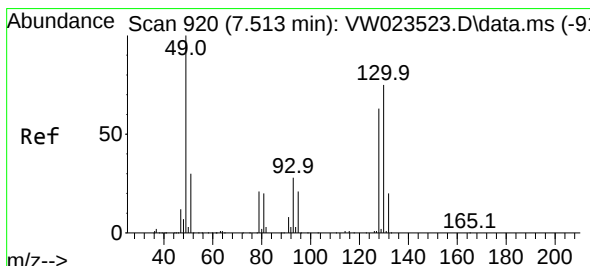
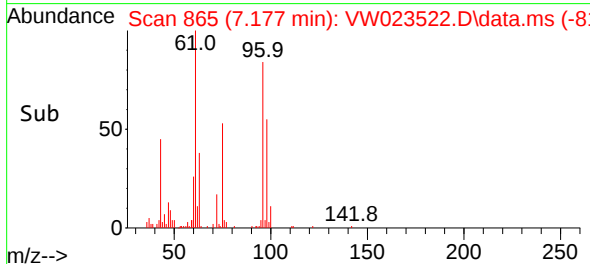
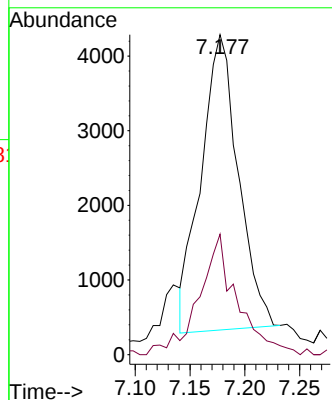
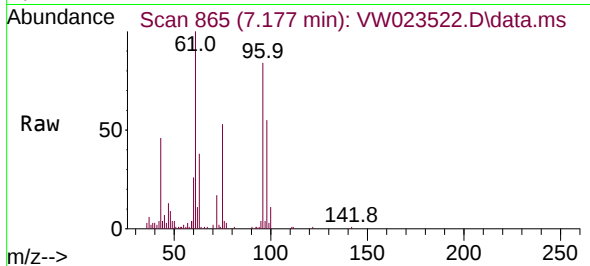




#22
2-Butanone
Concen: 7.853 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

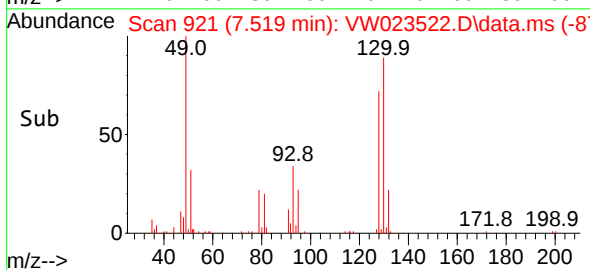
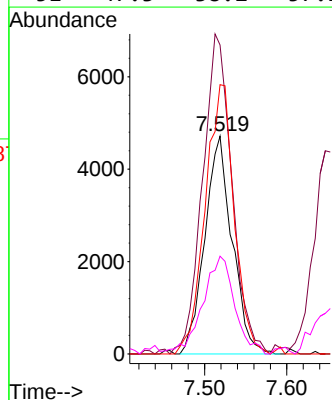
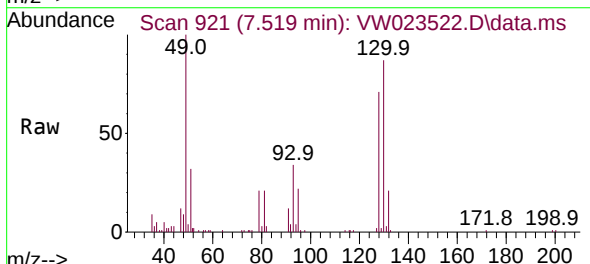
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

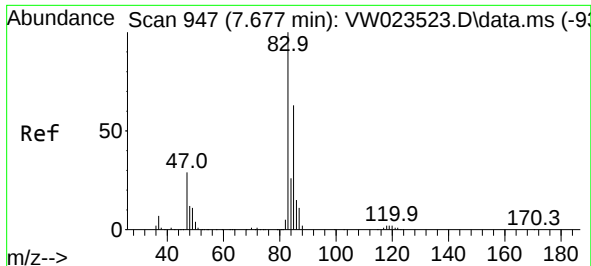
Tgt Ion: 43 Resp: 9364
Ion Ratio Lower Upper
43 100
72 38.6 15.9 47.6



#23
Bromochloromethane
Concen: 4.880 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 128 Resp: 10918
Ion Ratio Lower Upper
128 100
49 141.8 111.6 207.2
130 123.6 83.6 155.2
51 47.3 38.2 57.2

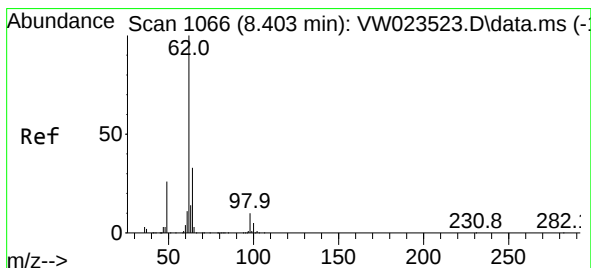
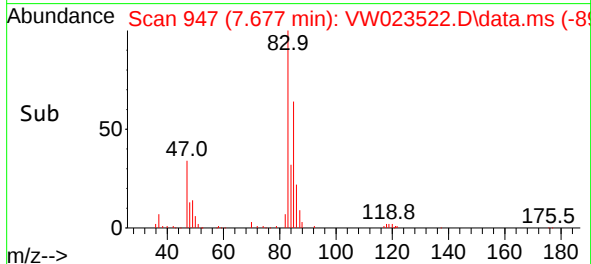
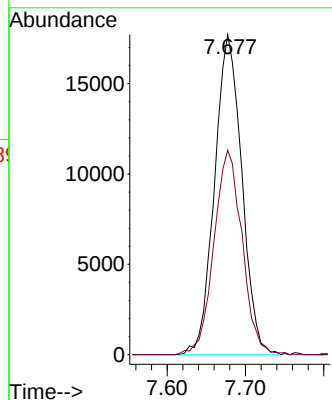
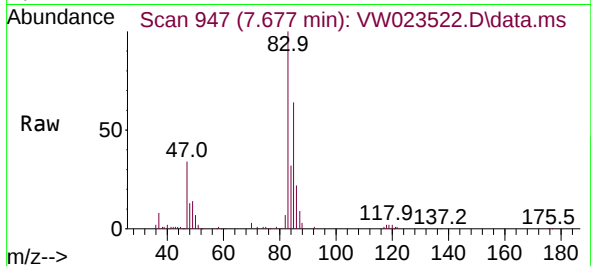




#25
Chloroform
Concen: 5.020 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

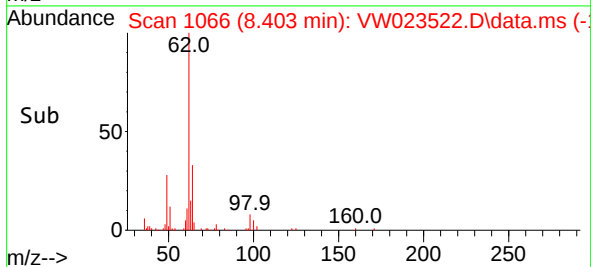
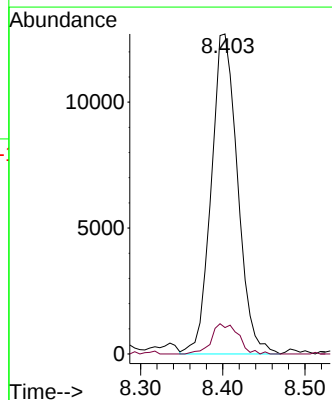
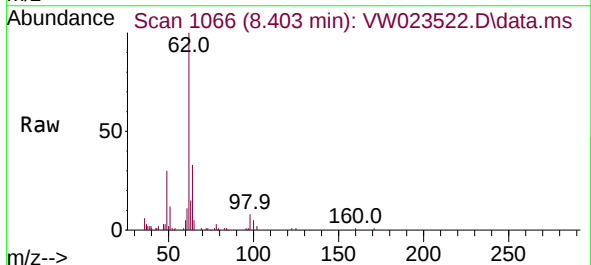
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

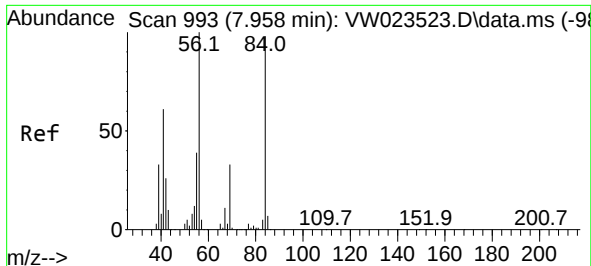
Tgt Ion: 83 Resp: 42804
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9



#27
1,2-Dichloroethane
Concen: 5.167 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 62 Resp: 28324
Ion Ratio Lower Upper
62 100
98 8.2 7.8 11.6

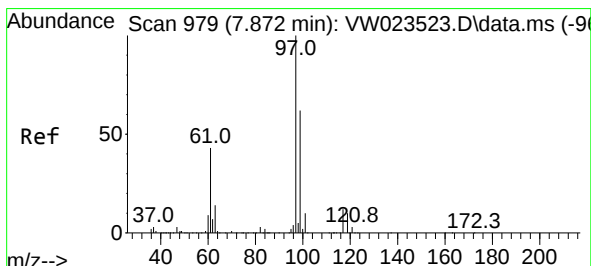
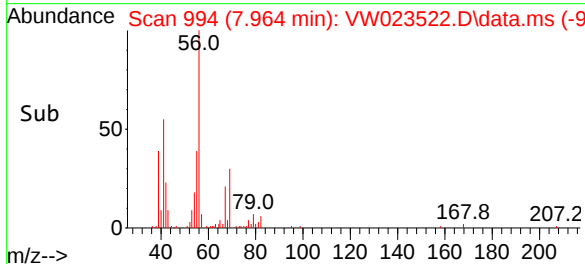
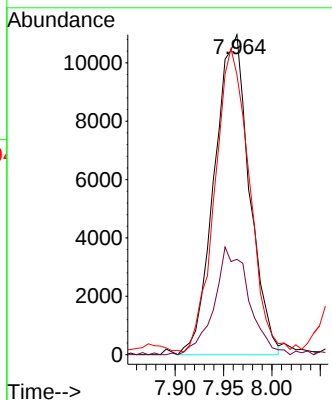
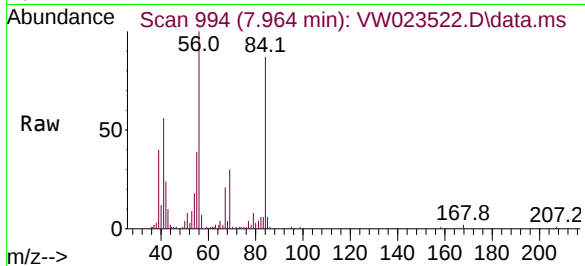




#29
Cyclohexane
Concen: 4.482 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

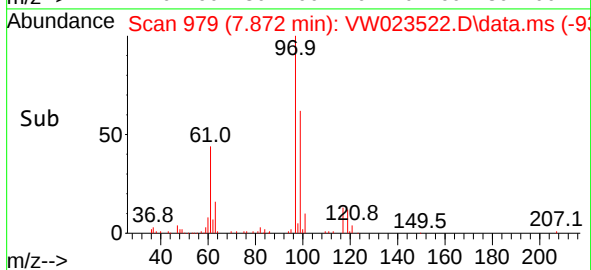
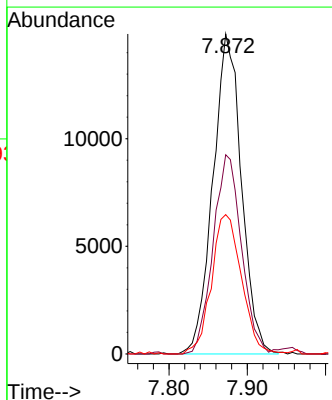
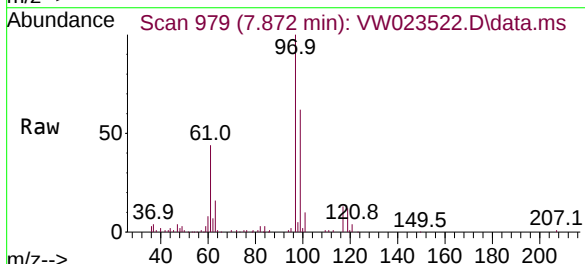
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

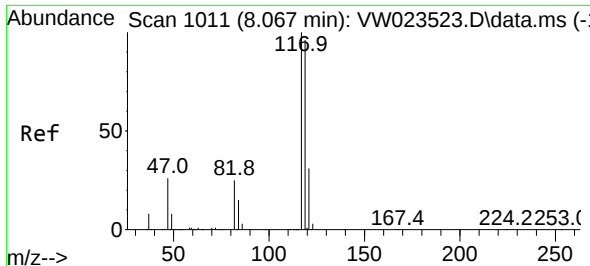
Tgt Ion: 56 Resp: 27739
Ion Ratio Lower Upper
56 100
69 17.7 25.6 38.4#
84 95.0 75.8 113.8



#30
1,1,1-Trichloroethane
Concen: 5.240 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 97 Resp: 37589
Ion Ratio Lower Upper
97 100
99 61.9 50.6 75.8
61 46.0 35.1 52.7

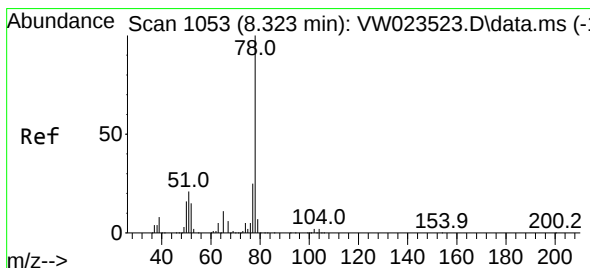
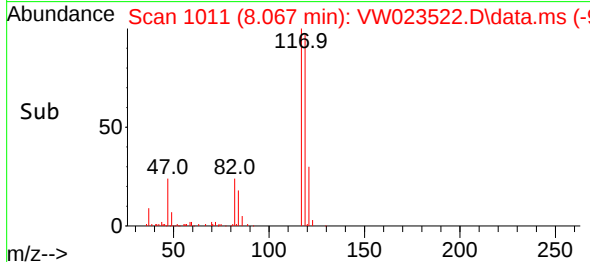
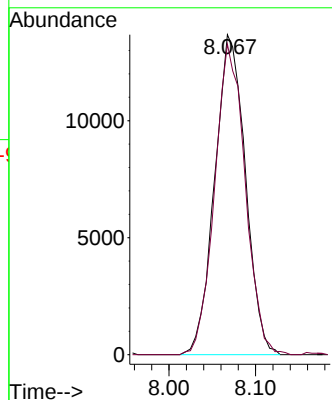
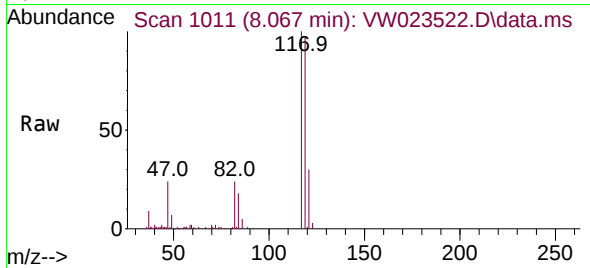




#31
Carbon tetrachloride
Concen: 5.110 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

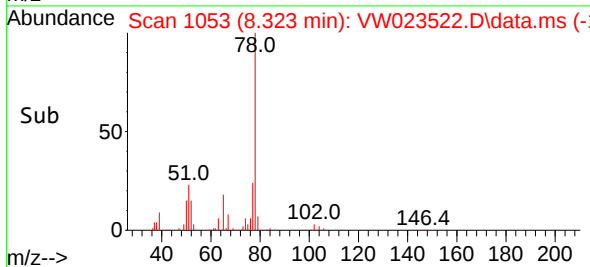
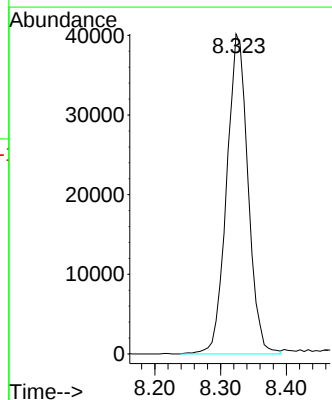
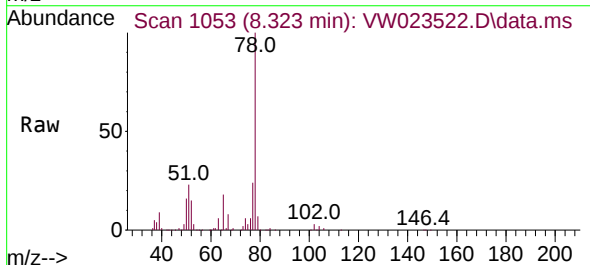
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

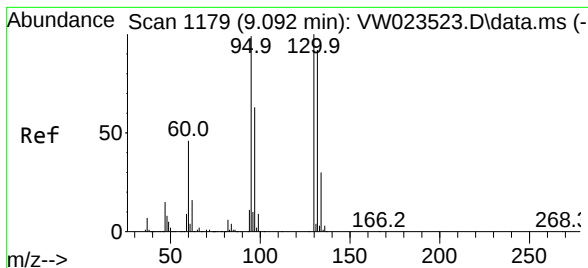
Tgt Ion:117 Resp: 33660
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 5.199 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 78 Resp: 90705





#34

Trichloroethene

Concen: 5.131 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD005428

Tgt Ion: 95 Resp: 24662

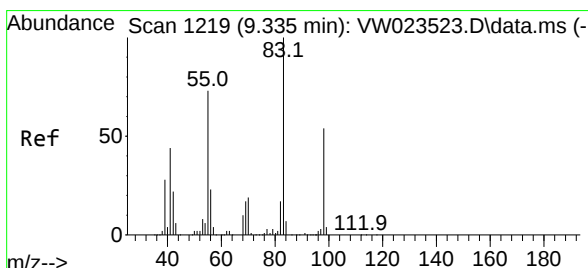
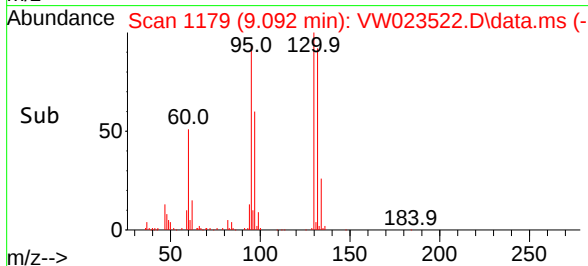
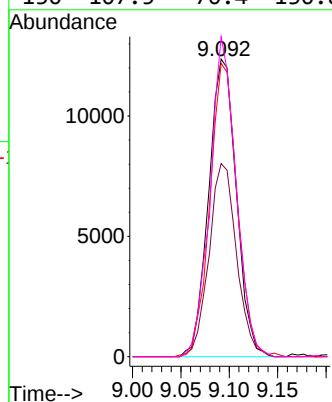
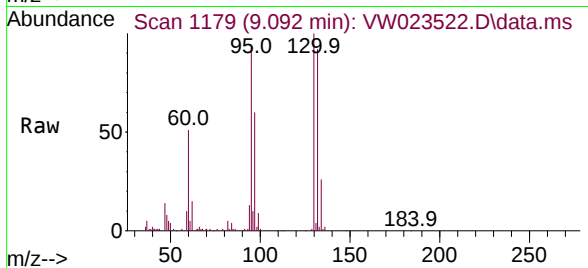
Ion Ratio Lower Upper

95 100

97 64.9 44.2 82.0

132 98.6 64.6 120.0

130 107.5 70.4 130.8



#35

Methylcyclohexane

Concen: 4.675 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

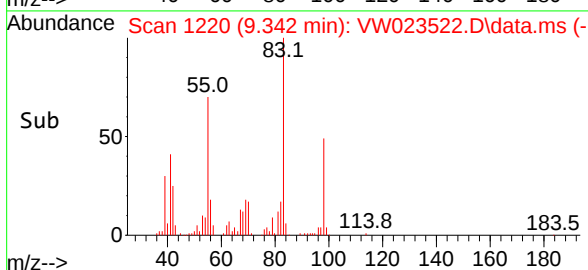
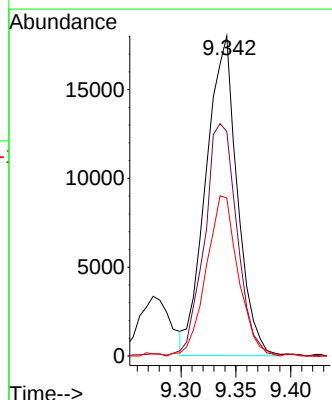
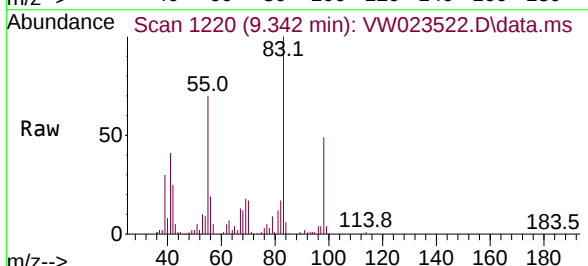
Tgt Ion: 83 Resp: 35751

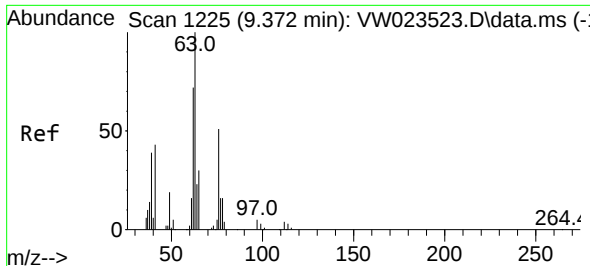
Ion Ratio Lower Upper

83 100

55 75.3 56.2 84.2

98 51.2 40.7 61.1





#37

1,2-Dichloropropane

Concen: 5.091 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

Instrument :

MSVOA_W

ClientSampleId :

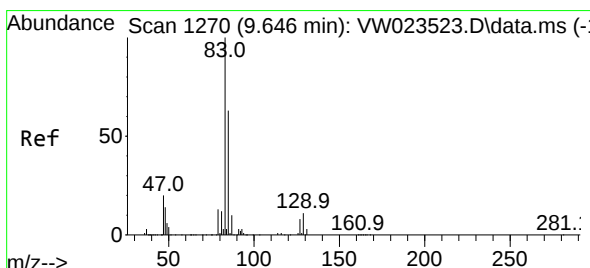
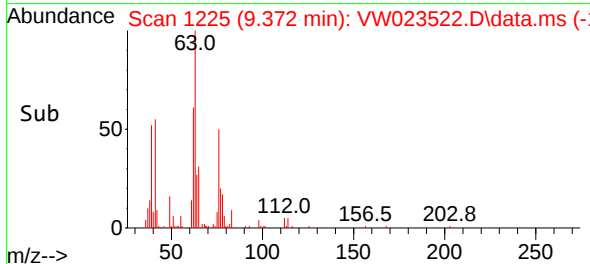
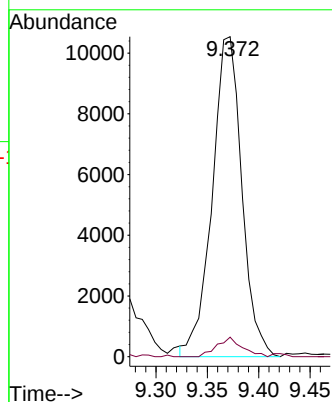
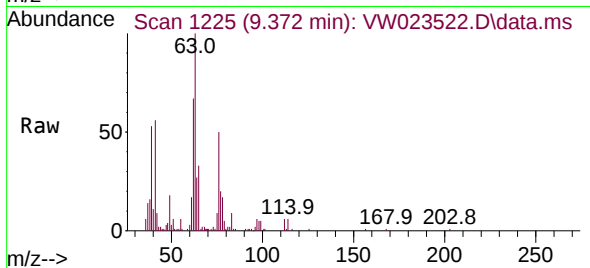
VSTD005428

Tgt Ion: 63 Resp: 21095

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 5.056 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

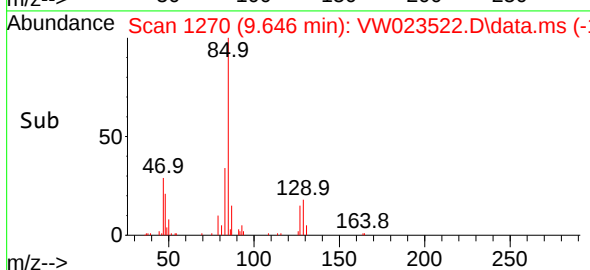
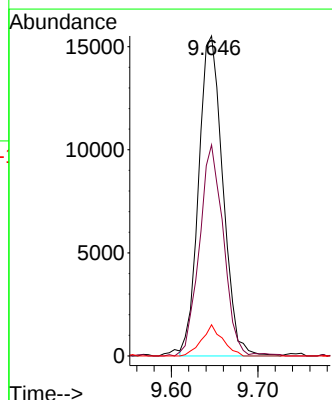
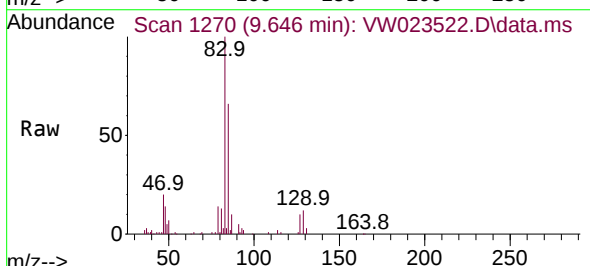
Tgt Ion: 83 Resp: 30049

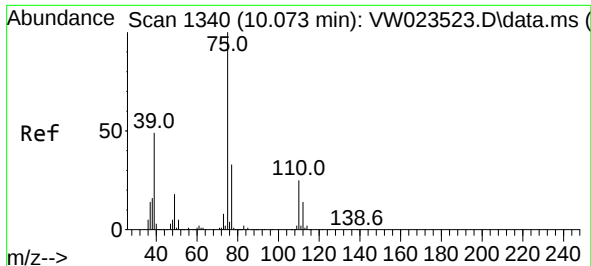
Ion Ratio Lower Upper

83 100

85 66.0 44.4 82.4

127 9.8 6.4 9.6#

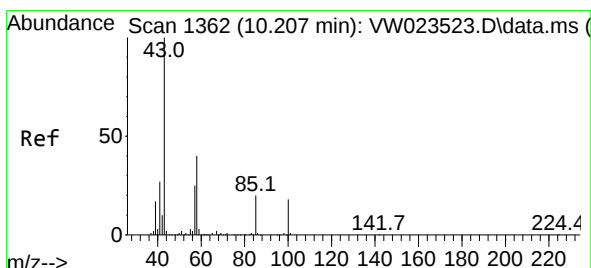
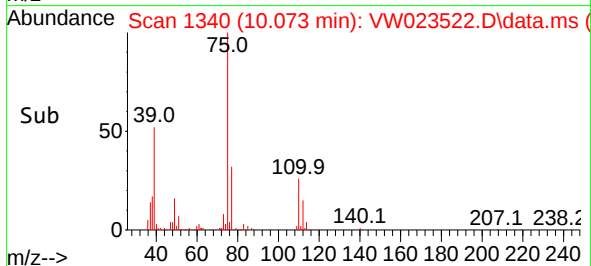
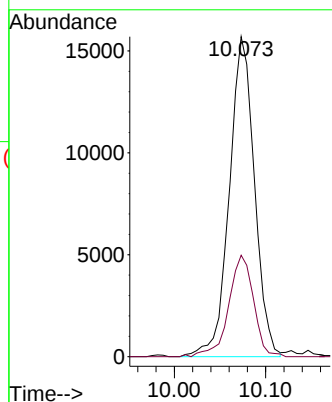
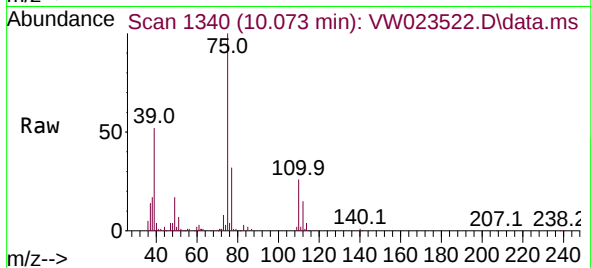




#39
 cis-1,3-Dichloropropene
 Concen: 4.725 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

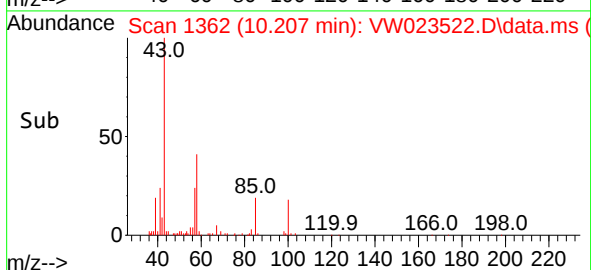
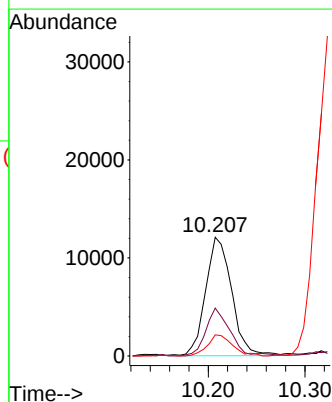
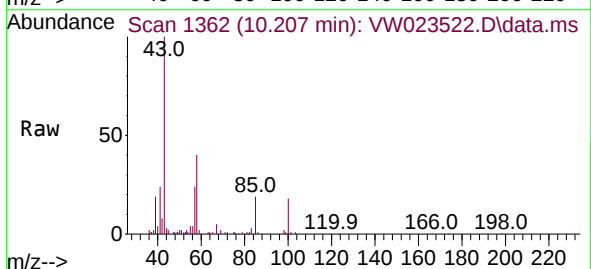
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005428

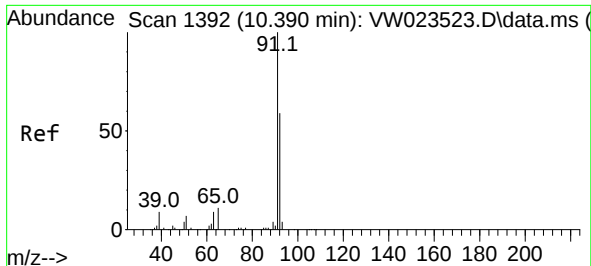
Tgt Ion: 75 Resp: 30058
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 9.701 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

Tgt Ion: 43 Resp: 22618
 Ion Ratio Lower Upper
 43 100
 58 36.1 31.1 46.7
 100 16.3 13.8 20.6

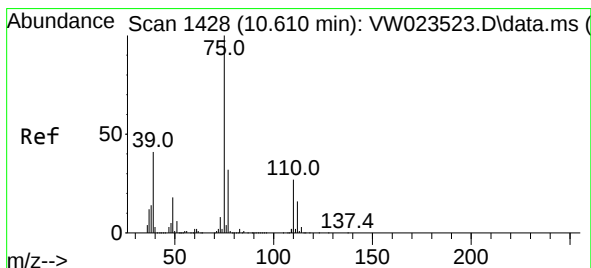
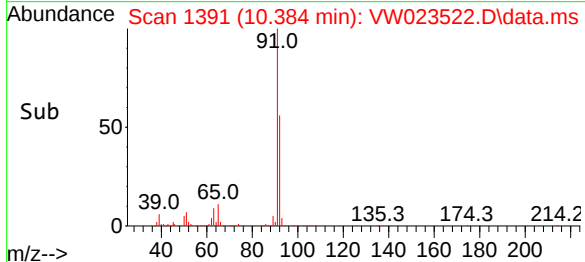
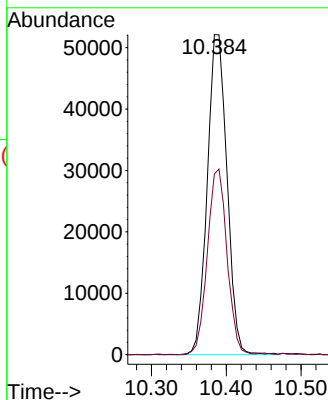
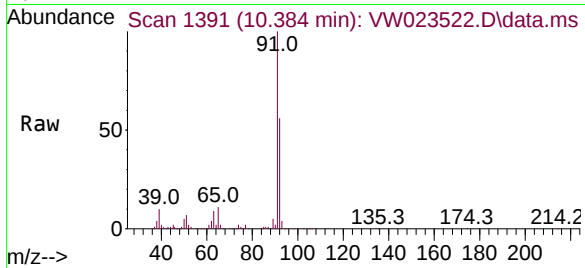




#42
Toluene
Concen: 4.984 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

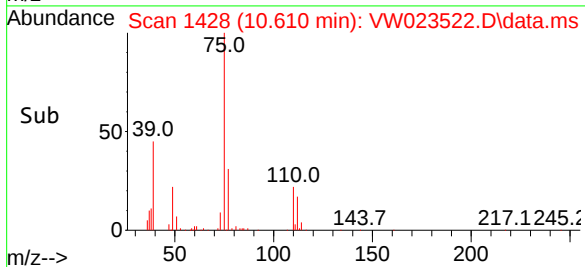
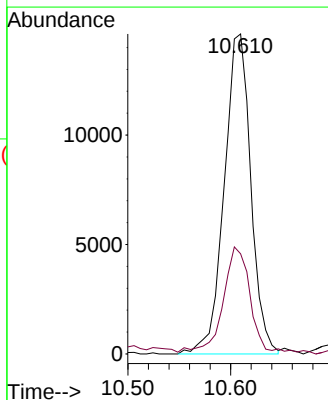
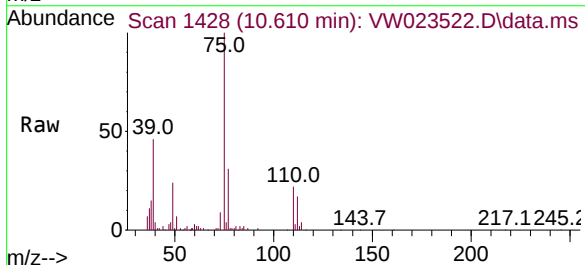
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

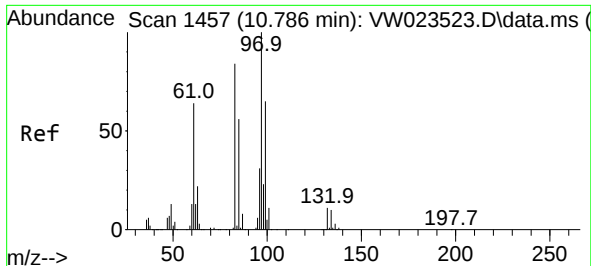
Tgt Ion: 91 Resp: 95667
Ion Ratio Lower Upper
91 100
92 56.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 4.685 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 75 Resp: 26312
Ion Ratio Lower Upper
75 100
77 31.3 22.3 41.3

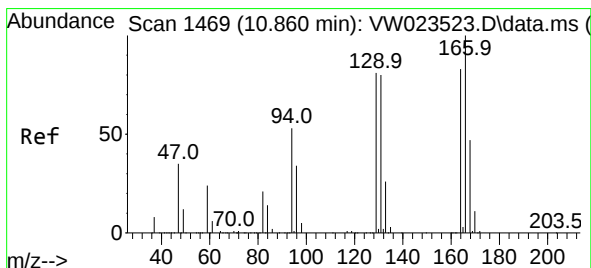
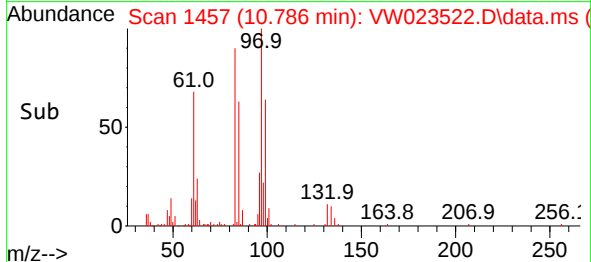
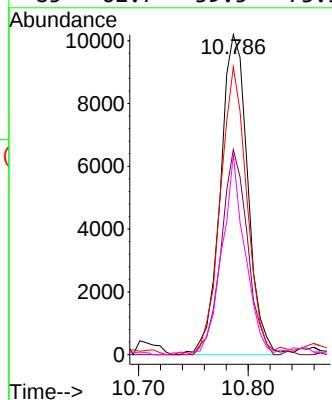
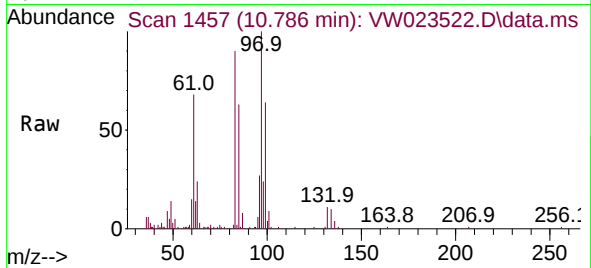




#45
1,1,2-Trichloroethane
Concen: 5.213 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

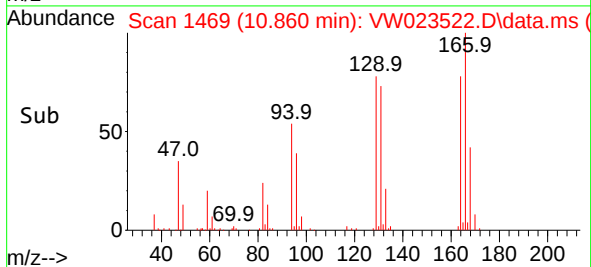
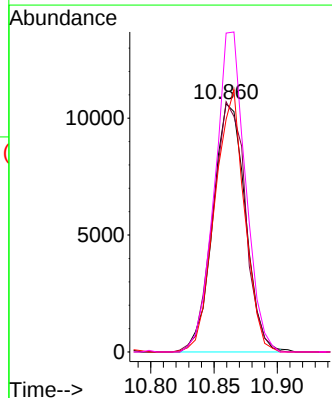
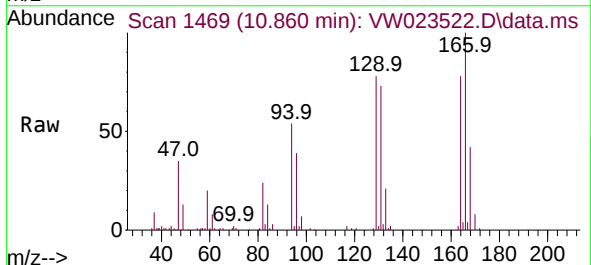
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

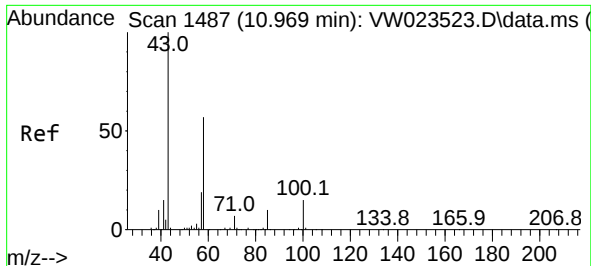
Tgt Ion:	97	Resp:	17624
Ion	Ratio	Lower	Upper
97	100		
99	64.1	45.3	84.1
83	89.9	58.9	109.5
85	62.7	39.5	73.3



#46
Tetrachloroethene
Concen: 4.983 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:	164	Resp:	18908
Ion	Ratio	Lower	Upper
164	100		
129	100.9	68.6	127.4
131	93.8	67.3	124.9
166	128.5	84.3	156.5

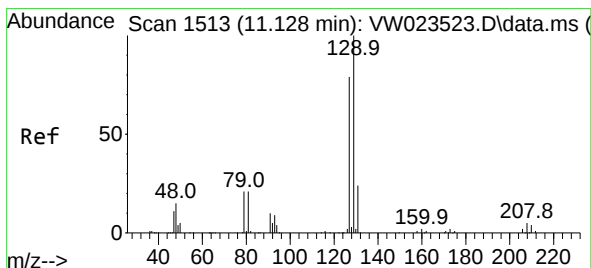
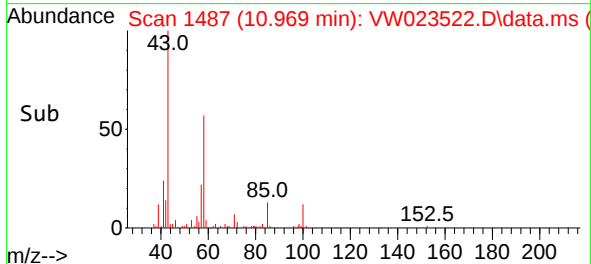
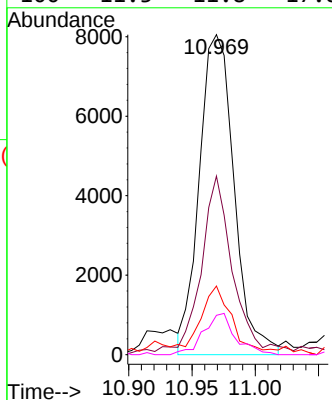
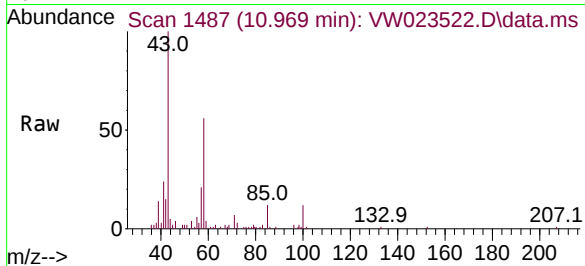




#48
2-Hexanone
Concen: 9.816 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

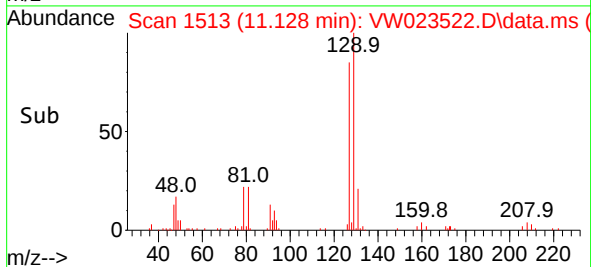
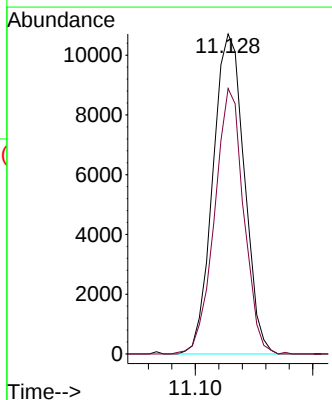
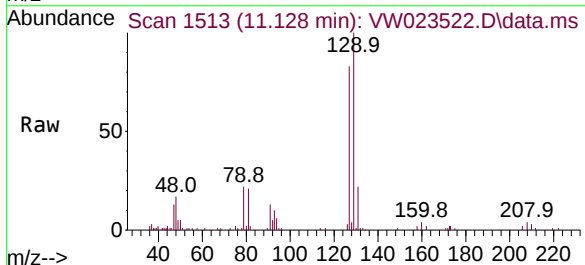
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

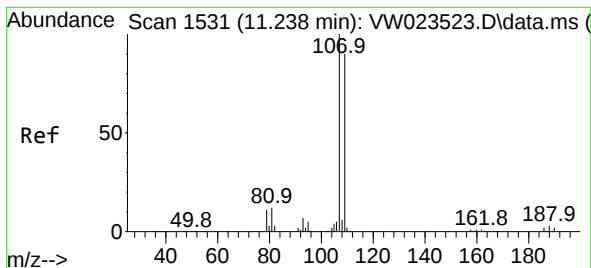
Tgt Ion: 43	Resp: 15394
Ion Ratio	Lower Upper
43 100	
58 48.4	44.4 66.6
57 19.2	15.5 23.3
100 11.3	11.8 17.8#



#49
Dibromochloromethane
Concen: 4.821 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:129	Resp:	19872	
Ion	Ratio	Lower	Upper
129	100		
127	82.9	55.4	103.0

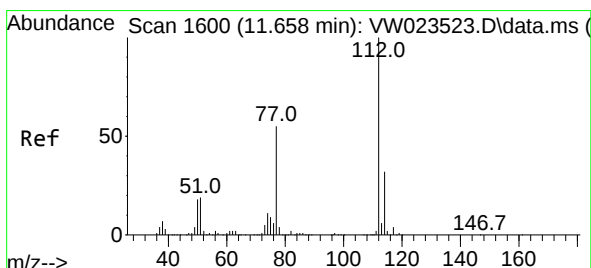
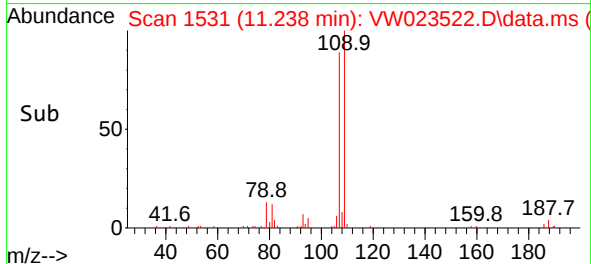
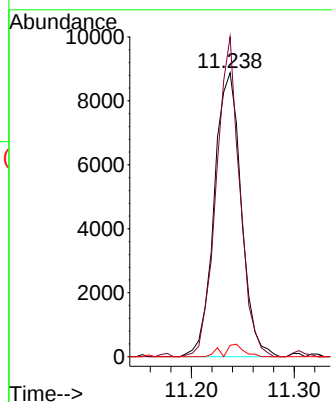
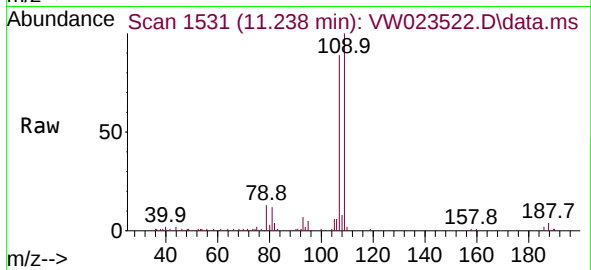




#50
1,2-Dibromoethane
Concen: 4.924 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

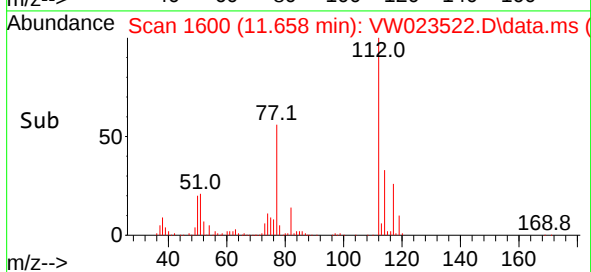
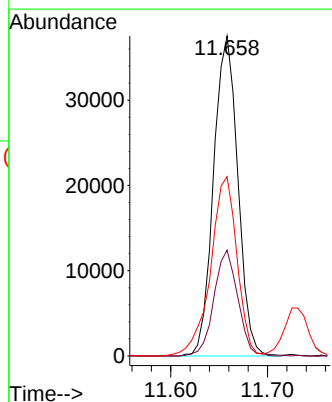
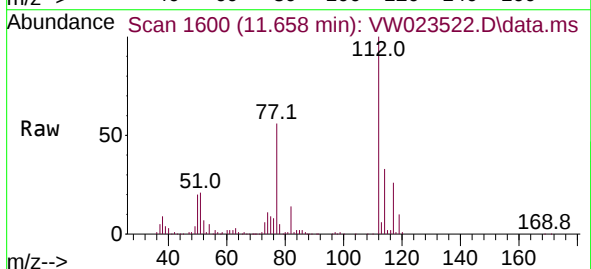
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

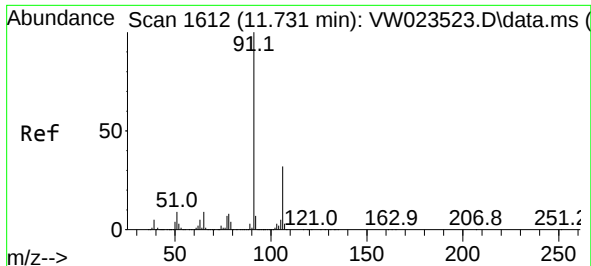
Tgt Ion:107 Resp: 16194
Ion Ratio Lower Upper
107 100
109 112.8 62.7 116.5
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 5.024 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:112 Resp: 65474
Ion Ratio Lower Upper
112 100
114 33.0 22.3 41.3
77 56.0 43.9 65.9

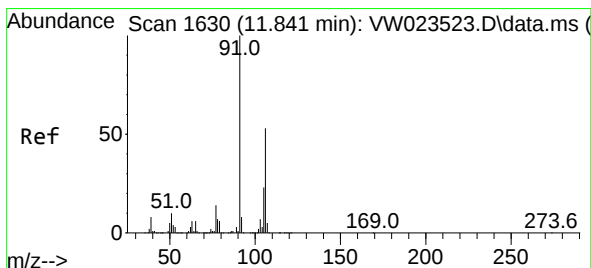
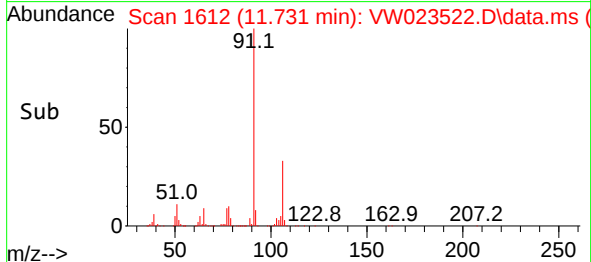
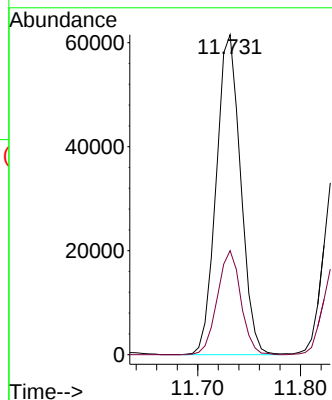
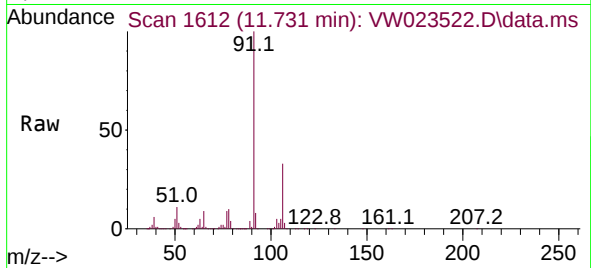




#52
Ethylbenzene
Concen: 4.741 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

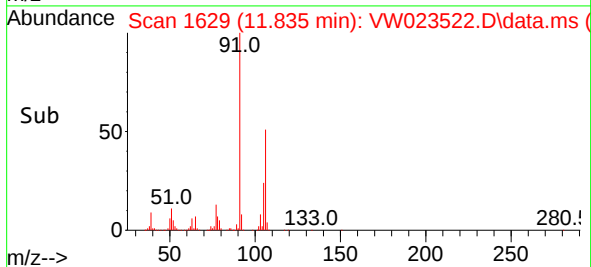
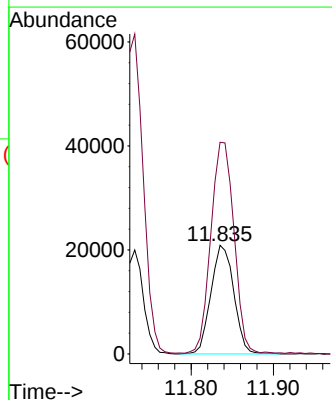
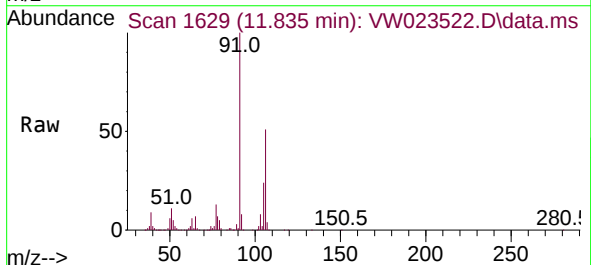
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

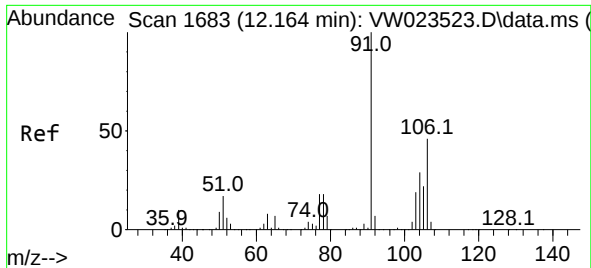
Tgt Ion: 91 Resp: 101368
Ion Ratio Lower Upper
91 100
106 32.5 22.7 42.1



#53
m,p-Xylene
Concen: 4.781 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:106 Resp: 40403
Ion Ratio Lower Upper
106 100
91 194.9 131.8 244.8

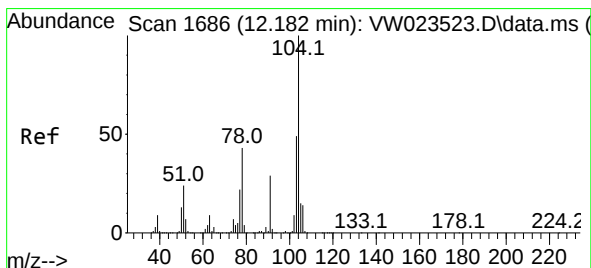
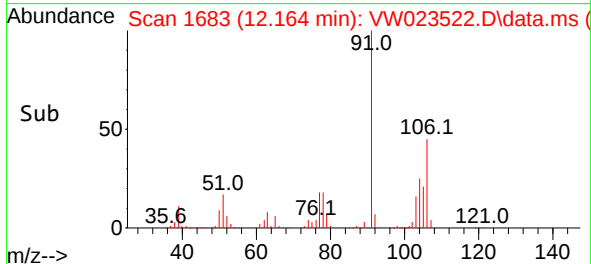
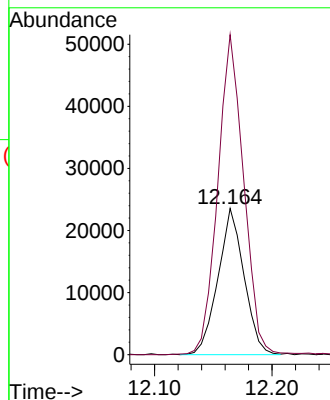
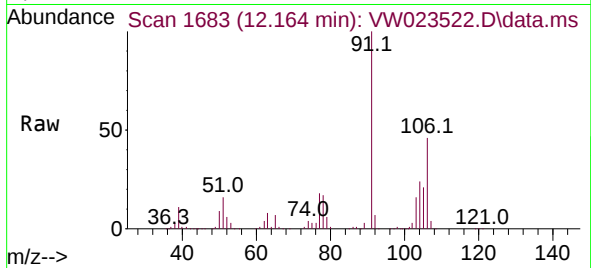




#54
o-Xylene
Concen: 4.624 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

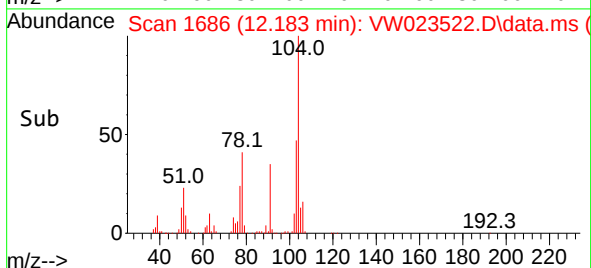
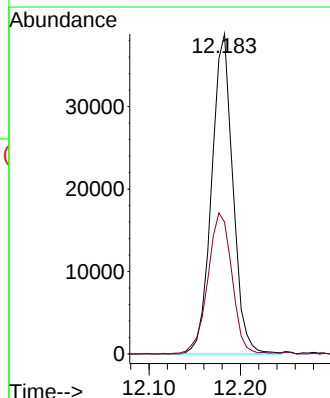
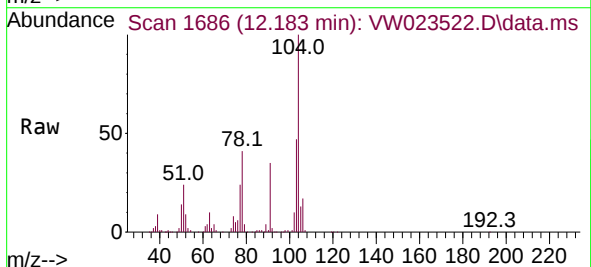
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

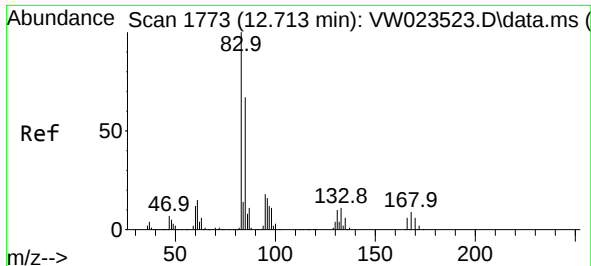
Tgt Ion:106 Resp: 36333
Ion Ratio Lower Upper
106 100
91 218.9 153.6 285.3



#55
Styrene
Concen: 4.607 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:104 Resp: 62678
Ion Ratio Lower Upper
104 100
78 41.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.042 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD005428

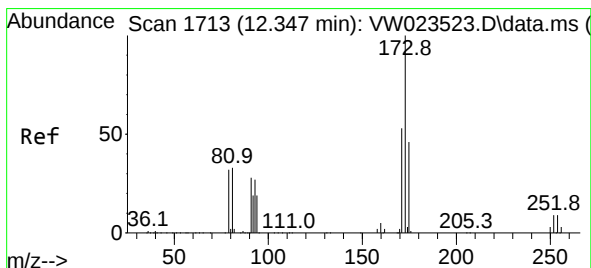
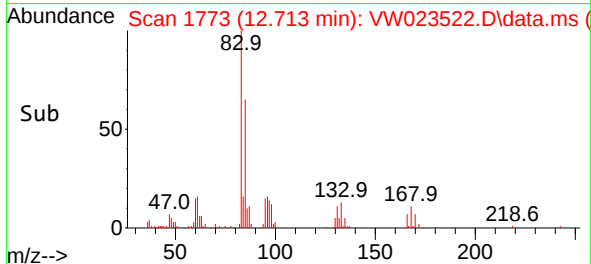
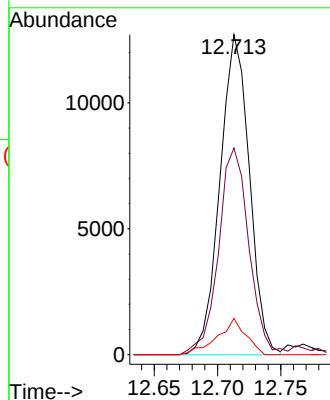
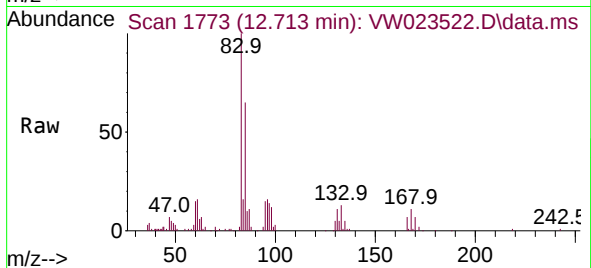
Tgt Ion: 83 Resp: 20565

Ion Ratio Lower Upper

83 100

85 64.6 46.8 87.0

131 11.3 8.1 12.1



#59

Bromoform

Concen: 4.658 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

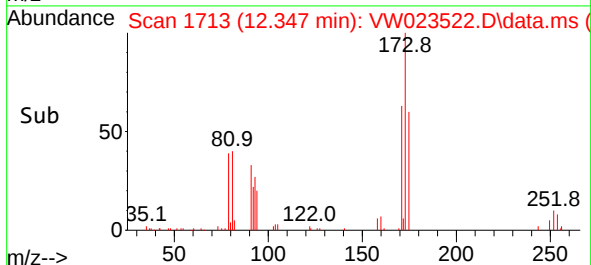
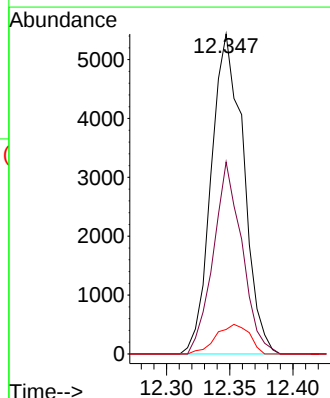
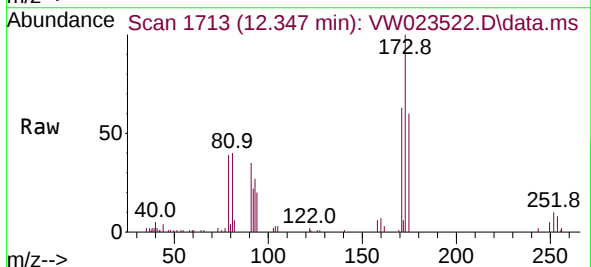
Tgt Ion: 173 Resp: 9613

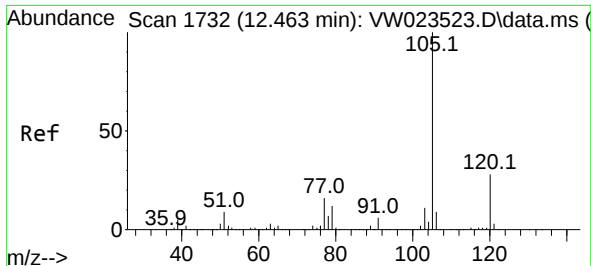
Ion Ratio Lower Upper

173 100

175 53.6 38.7 58.1

254 9.6 6.9 10.3

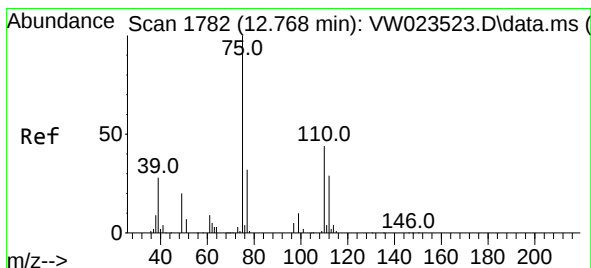
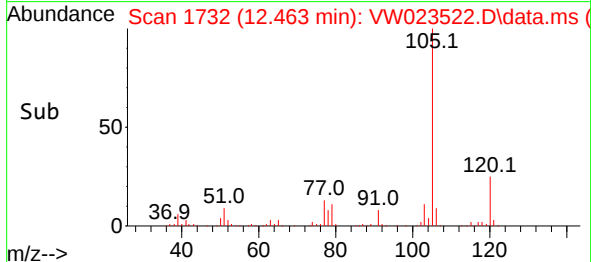
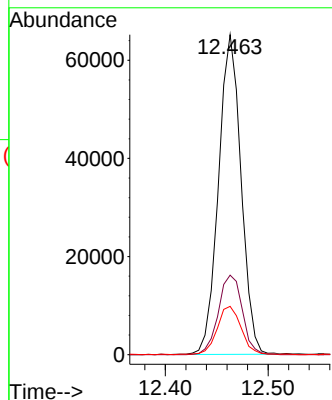
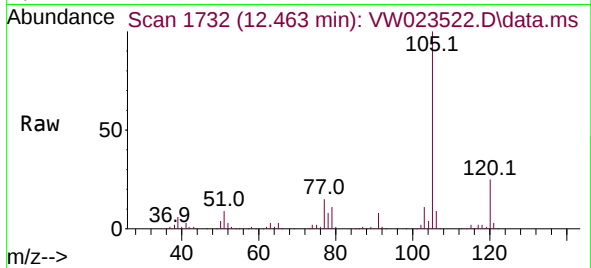




#60
Isopropylbenzene
Concen: 4.893 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

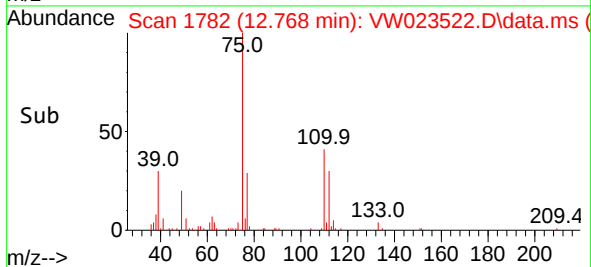
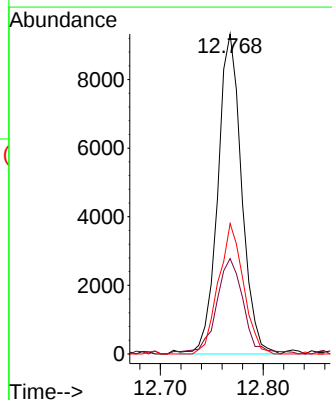
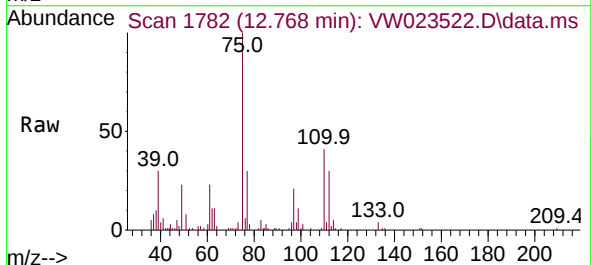
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

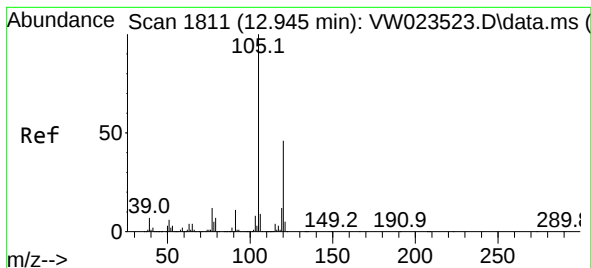
Tgt Ion:105 Resp: 99185
Ion Ratio Lower Upper
105 100
120 26.4 22.1 33.1
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.462 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion: 75 Resp: 15014
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.4
110 42.5 34.0 51.0

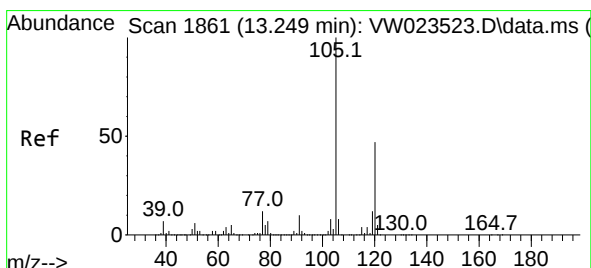
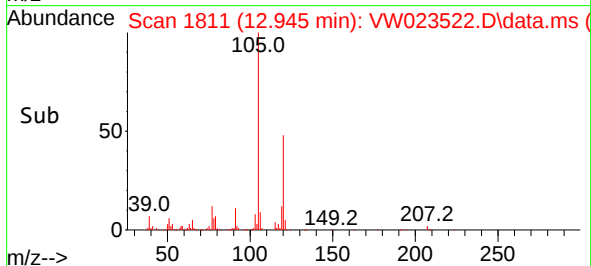
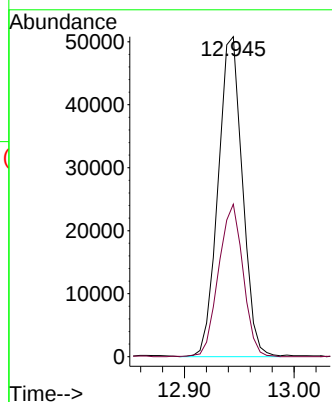
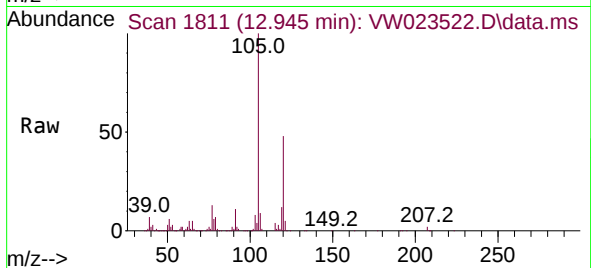




#62
 1,3,5-Trimethylbenzene
 Concen: 4.723 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

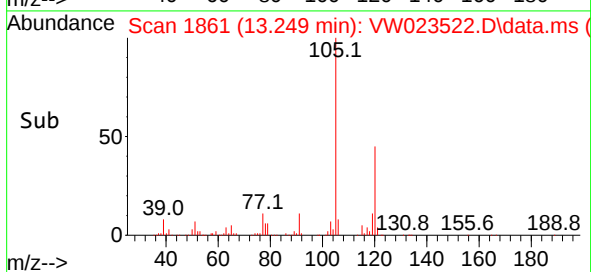
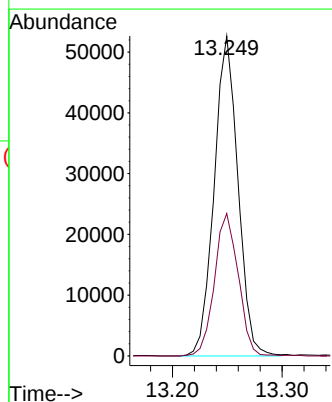
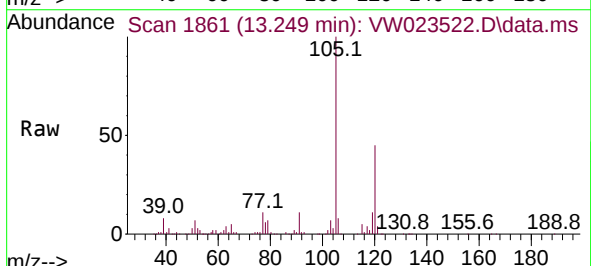
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005428

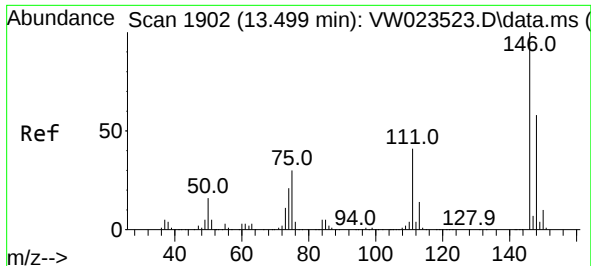
Tgt Ion:105 Resp: 78468
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.846 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

Tgt Ion:105 Resp: 79446
 Ion Ratio Lower Upper
 105 100
 120 44.3 37.3 55.9

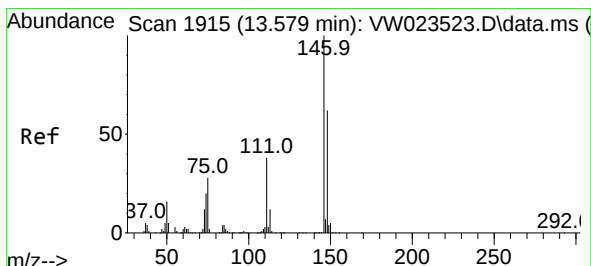
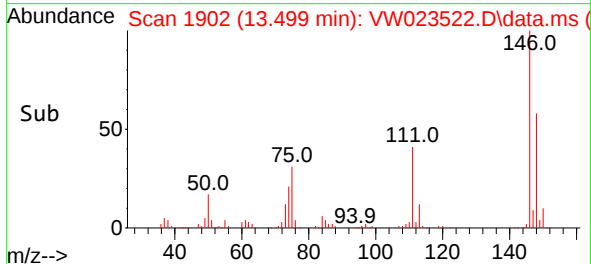
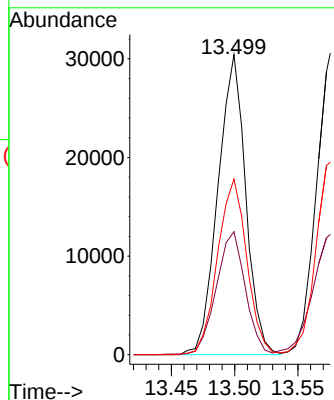
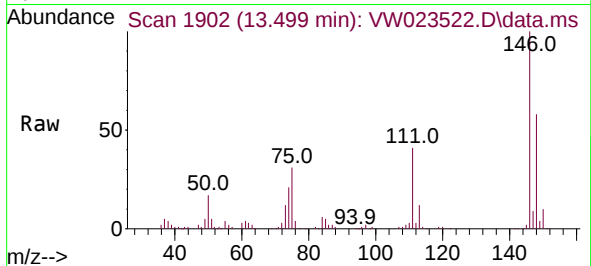




#64
1,3-Dichlorobenzene
Concen: 4.972 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

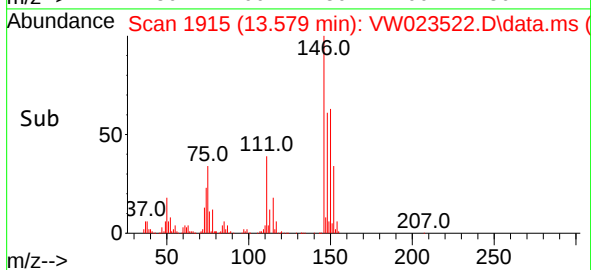
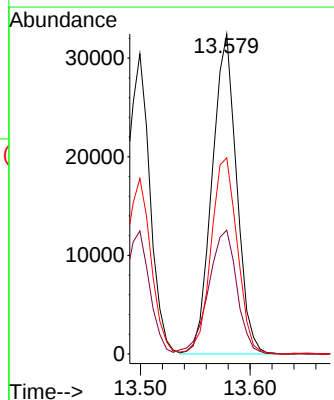
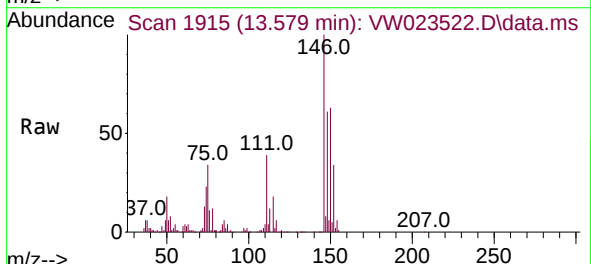
Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

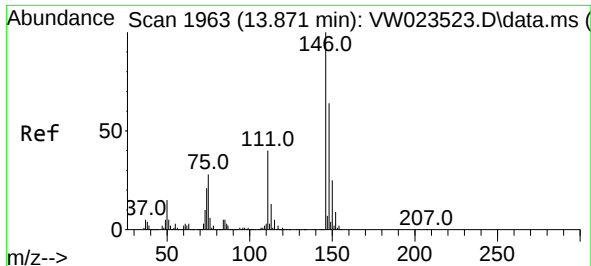
Tgt Ion:146 Resp: 46402
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 58.5 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 5.276 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:146 Resp: 50548
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 61.3 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 4.782 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD005428

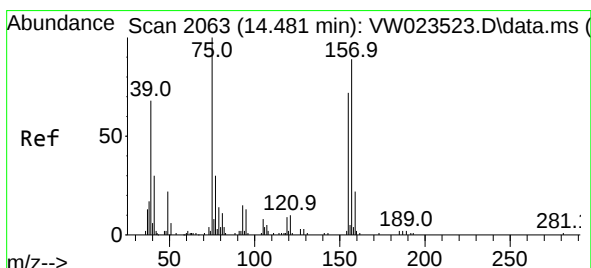
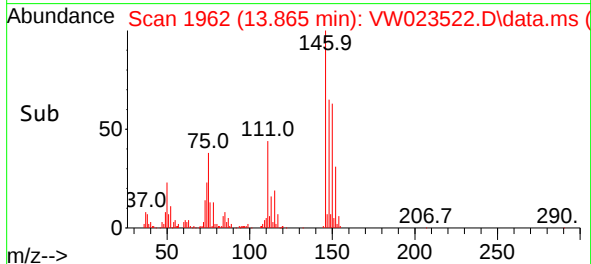
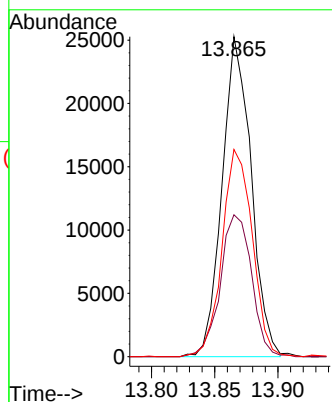
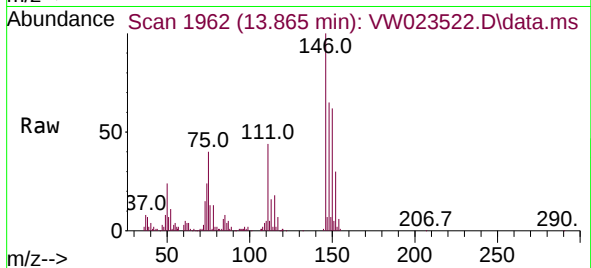
Tgt Ion:146 Resp: 40238

Ion Ratio Lower Upper

146 100

111 44.3 31.7 47.5

148 64.7 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.454 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023522.D

Acq: 28 Jun 2022 10:07

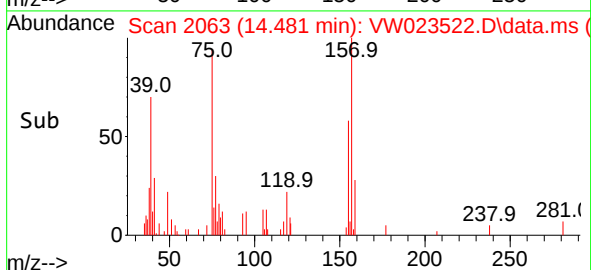
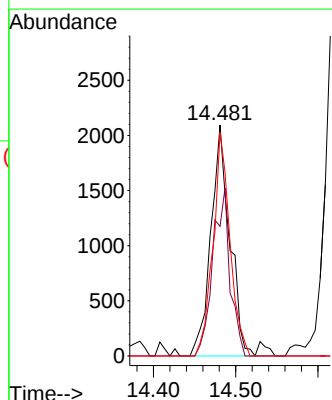
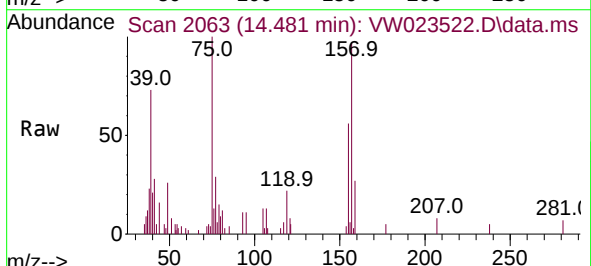
Tgt Ion: 75 Resp: 3442

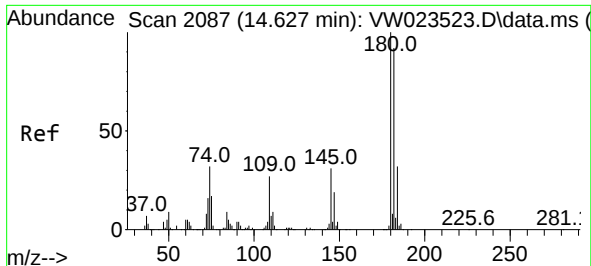
Ion Ratio Lower Upper

75 100

155 56.1 57.5 86.3#

157 96.7 71.4 107.2

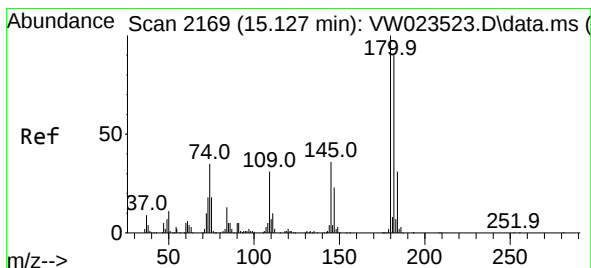
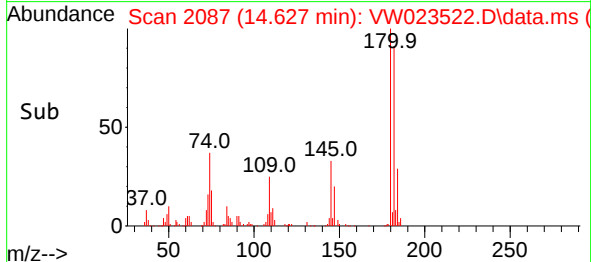
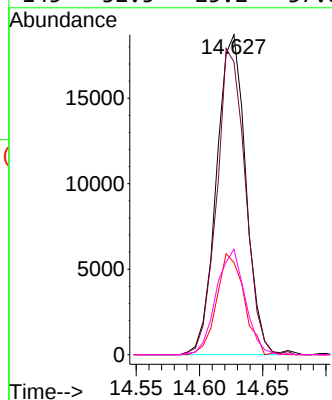
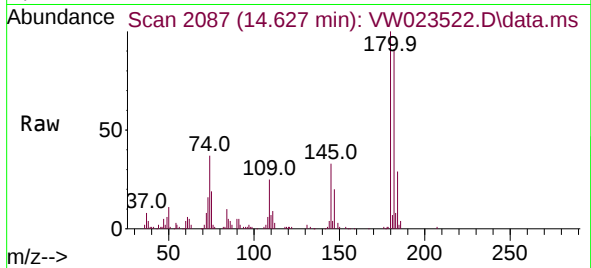




#69
 1,3,5-Trichlorobenzene
 Concen: 4.911 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

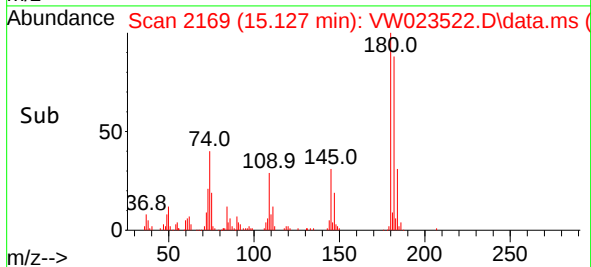
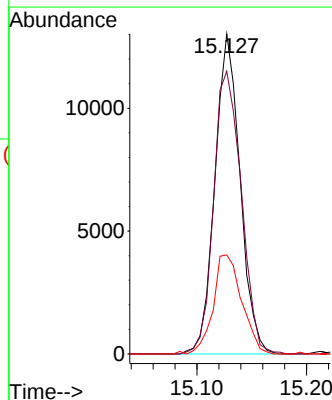
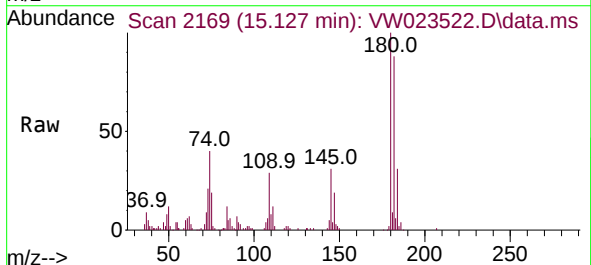
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005428

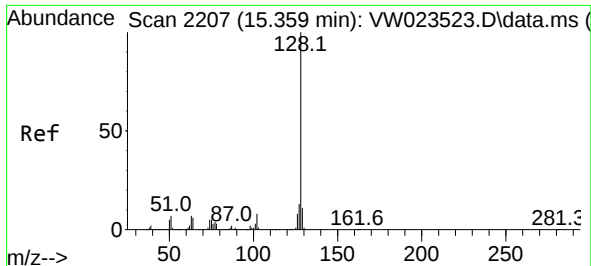
Tgt Ion:180	Resp:	30021
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.8 113.8
184	29.6	23.9 35.9
145	32.5	25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.402 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023522.D
 Acq: 28 Jun 2022 10:07

Tgt Ion:180	Resp:	20765
Ion Ratio	Lower	Upper
180	100	
182	97.1	72.3 108.5
145	35.0	26.6 40.0

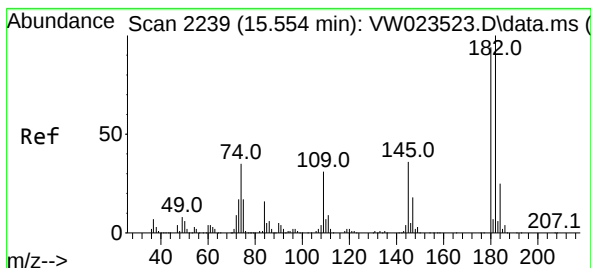
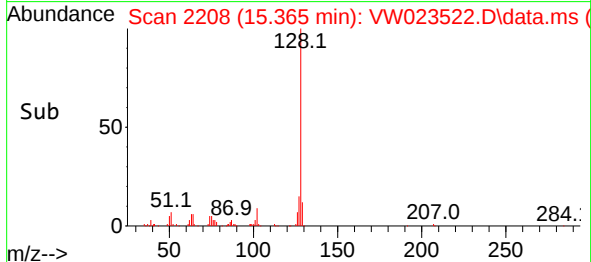
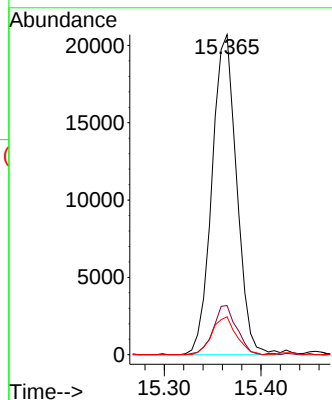
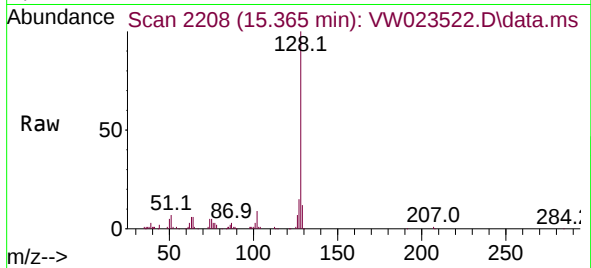




#71
Naphthalene
Concen: 4.103 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD005428

Tgt Ion:128 Resp: 36715
Ion Ratio Lower Upper
128 100
127 14.6 10.9 16.3
129 11.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.686 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW023522.D
Acq: 28 Jun 2022 10:07

Tgt Ion:180 Resp: 19109
Ion Ratio Lower Upper
180 100
182 93.5 78.7 118.1
145 35.3 30.2 45.2

