

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024523.D
 Acq On : 02 Sep 2022 09:59
 Operator : SY/VA
 Sample : VSTD00526
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005426

Quant Time: Sep 02 23:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	322134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305356	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32165	5.003	ug/L	0.00
7) Chloroethane-d5	2.873	69	23060	4.817	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	19592	2.587	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10507	10.227	ug/L	0.01
24) Chloroform-d	7.647	84	44225	5.156	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	24794	5.352	ug/L	0.00
32) Benzene-d6	8.275	84	80912	5.080	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	24868	5.336	ug/L	0.00
41) Toluene-d8	10.317	98	77587	5.115	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10292	5.062	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8282	10.374	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23704	5.594	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	27670	5.324	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	3492	3.970	ug/L	100
3) Chloromethane	2.215	50	24055	5.363	ug/L	97
5) Vinyl chloride	2.355	62	44822	5.651	ug/L	97
6) Bromomethane	2.769	94	30739	5.692	ug/L	95
8) Chloroethane	2.910	64	22363	5.311	ug/L	100
9) Trichlorofluoromethane	3.239	101	21479	7.150	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	23955	5.318	ug/L #	81
12) 1,1-Dichloroethene	4.031	96	21505	5.416	ug/L	86
13) Acetone	4.123	43	9267	11.745	ug/L	88
14) Carbon disulfide	4.373	76	61514	5.625	ug/L	100
15) Methyl Acetate	4.611	43	193	0.108	ug/L	96
16) Methylene chloride	4.915	84	25069	5.497	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	23478	5.321	ug/L	95
18) Methyl tert-butyl Ether	5.415	73	18379	2.405	ug/L #	72
19) 1,1-Dichloroethane	6.214	63	42837	5.361	ug/L	99
20) cis-1,2-Dichloroethene	7.250	96	29	0.006	ug/L	72
22) 2-Butanone	7.171	43	13430	10.480	ug/L	94
23) Bromochloromethane	7.513	128	11445	5.136	ug/L	98
25) Chloroform	7.677	83	45122	5.144	ug/L	95
27) 1,2-Dichloroethane	8.397	62	31138	5.404	ug/L	97
29) Cyclohexane	7.951	56	32256	5.088	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	36219	5.244	ug/L	99
31) Carbon tetrachloride	8.061	117	32800	5.237	ug/L	98
33) Benzene	8.317	78	96929	5.338	ug/L	100
34) Trichloroethene	9.085	95	25449	5.280	ug/L	92
35) Methylcyclohexane	9.329	83	40082	5.255	ug/L	99
37) 1,2-Dichloropropane	9.366	63	22773	5.205	ug/L	99
38) Bromodichloromethane	9.640	83	32577	5.267	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	32142	4.879	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	27408	10.072	ug/L	98
42) Toluene	10.384	91	102491	5.183	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	29417	4.978	ug/L	94

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

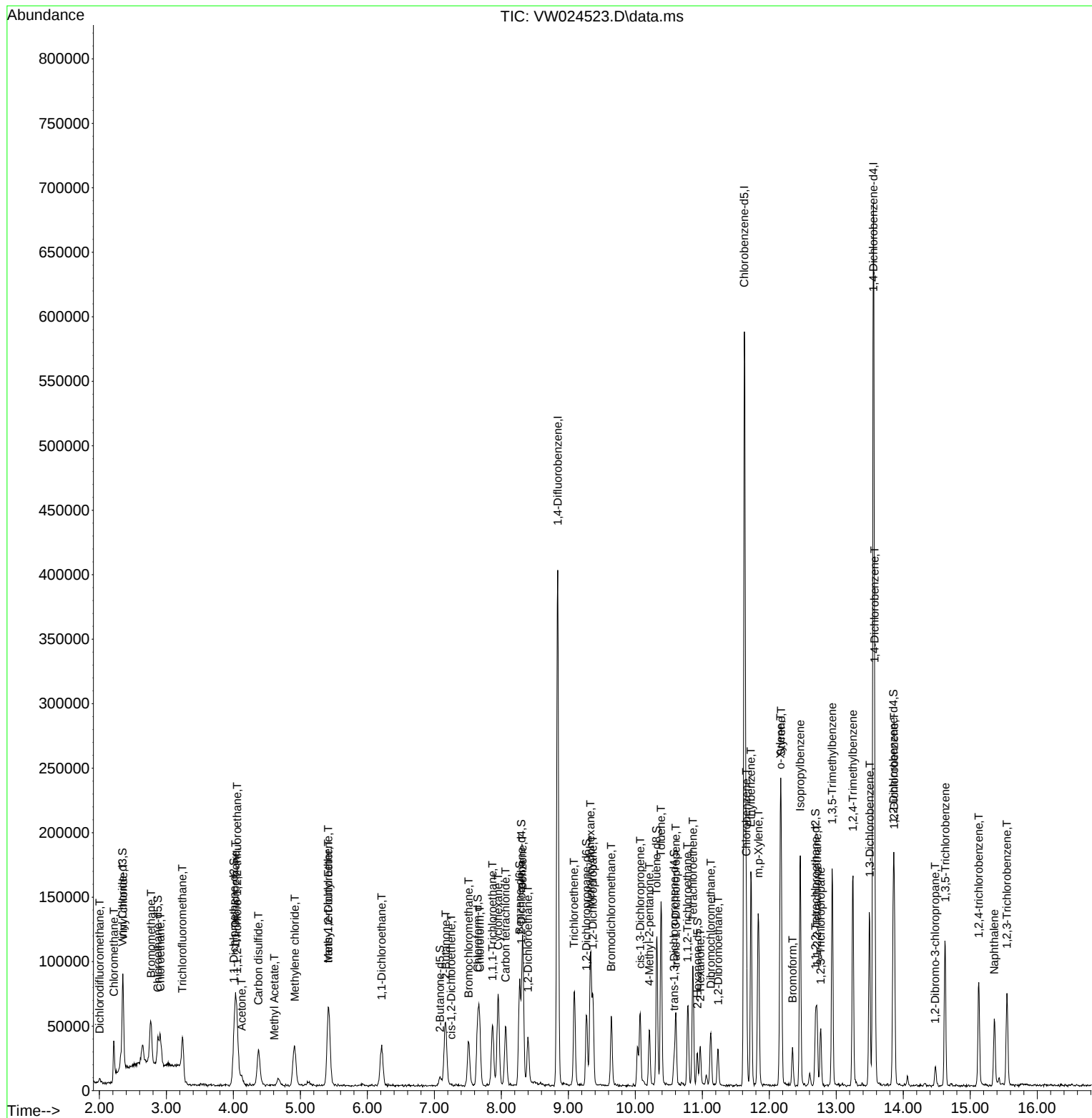
45) 1,1,2-Trichloroethane	10.780	97	19829	5.428	ug/L	93
46) Tetrachloroethene	10.860	164	18833	5.347	ug/L	93
48) 2-Hexanone	10.969	43	16945	9.557	ug/L	96
49) Dibromochloromethane	11.128	129	21379	4.980	ug/L	96
50) 1,2-Dibromoethane	11.237	107	18506	5.349	ug/L #	95
51) Chlorobenzene	11.658	112	70666	5.266	ug/L	96
52) Ethylbenzene	11.725	91	112725	5.093	ug/L	99
53) m,p-Xylene	11.841	106	44332	5.122	ug/L	90
54) o-Xylene	12.164	106	40910	4.937	ug/L	93
55) Styrene	12.176	104	70438	4.894	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	24101	5.331	ug/L	93
59) Bromoform	12.347	173	11349	4.920	ug/L #	97
60) Isopropylbenzene	12.463	105	109452	4.873	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	17296	5.393	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	86558	4.672	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	86053	4.746	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	50553	5.053	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	53041	5.175	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	47128	5.103	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.475	75	4018	5.535	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	29767	4.628	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	22745	4.625	ug/L	95
71) Naphthalene	15.359	128	44028	4.234	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	20275	4.571	ug/L	96

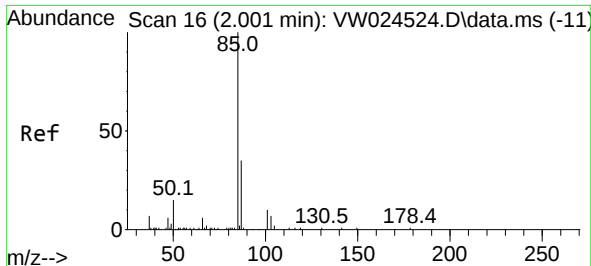
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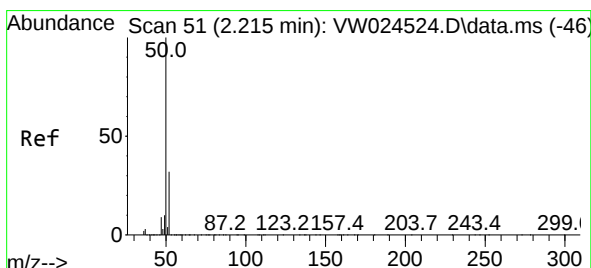
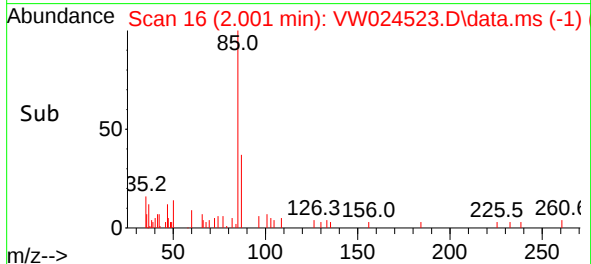
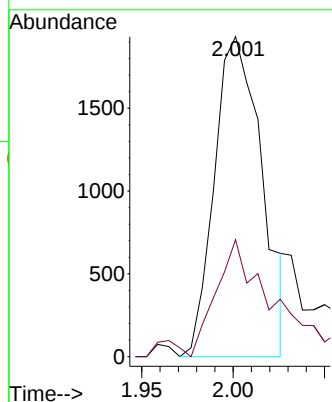
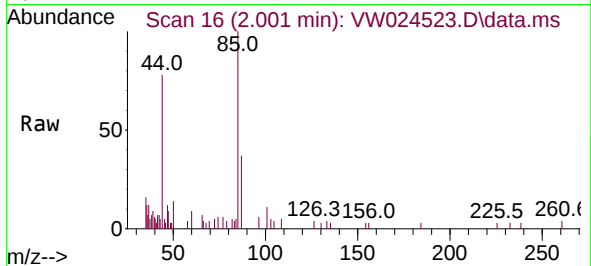




#2
 Dichlorodifluoromethane
 Concen: 3.970 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024523.D
 Acq: 02 Sep 2022 09:59

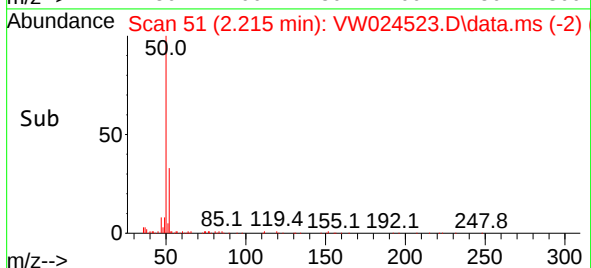
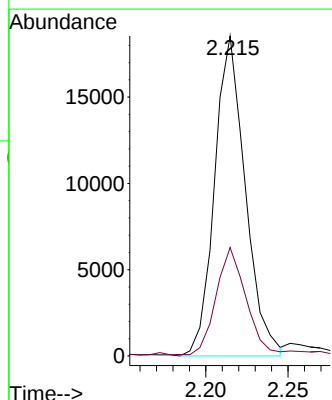
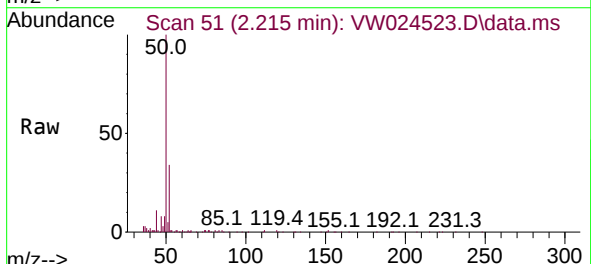
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 ClientSampleId :
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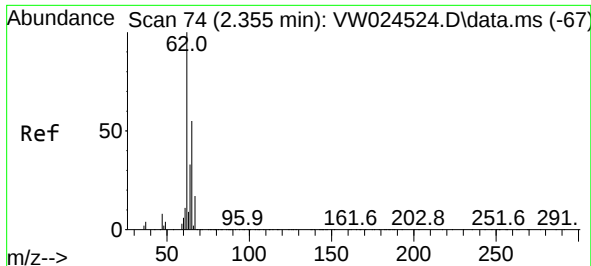
Tgt Ion: 85 Resp: 3492
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.0 37.6



#3
 Chloromethane
 Concen: 5.363 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024523.D
 Acq: 02 Sep 2022 09:59

Tgt Ion: 50 Resp: 24055
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.7 42.1

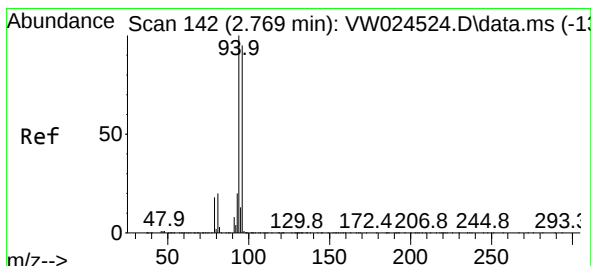
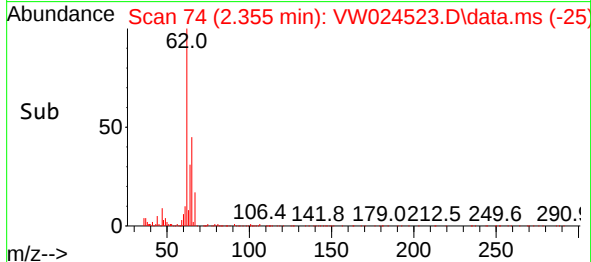
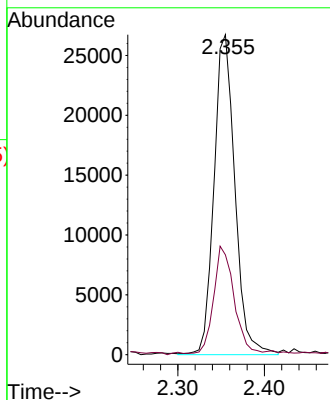
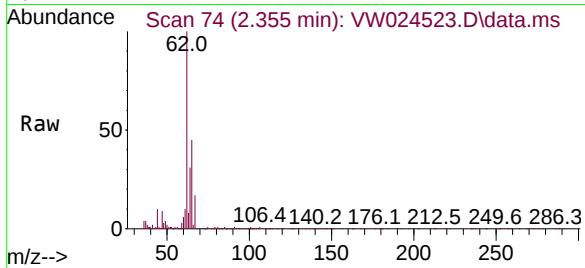




#5
 Vinyl chloride
 Concen: 5.651 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024523.D
 Acq: 02 Sep 2022 09:59

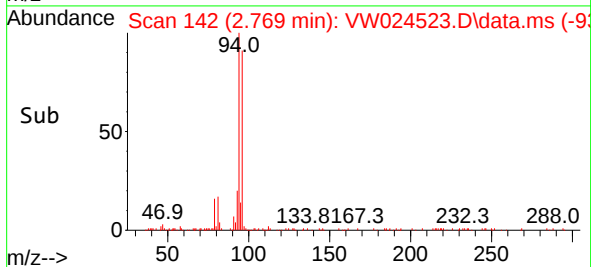
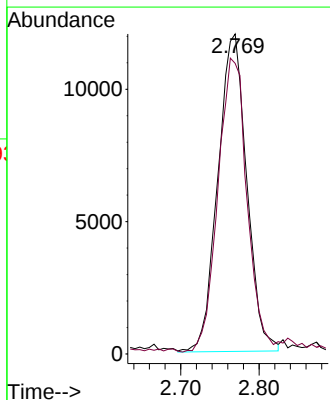
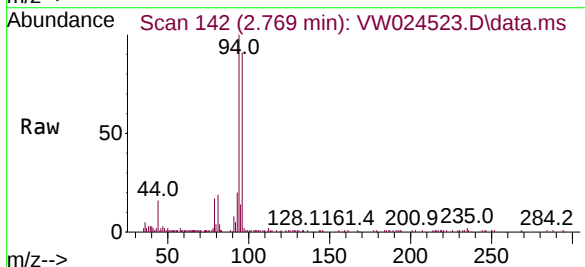
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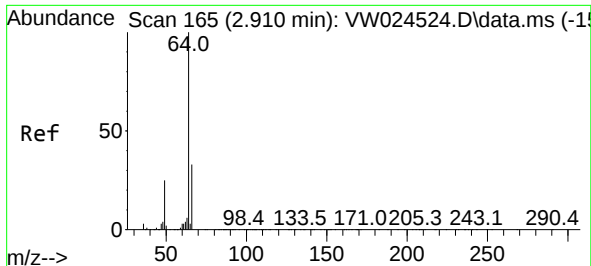
Tgt Ion: 62 Resp: 44822
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.9 42.5



#6
 Bromomethane
 Concen: 5.692 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024523.D
 Acq: 02 Sep 2022 09:59

Tgt Ion: 94 Resp: 30739
 Ion Ratio Lower Upper
 94 100
 96 90.8 66.8 124.2

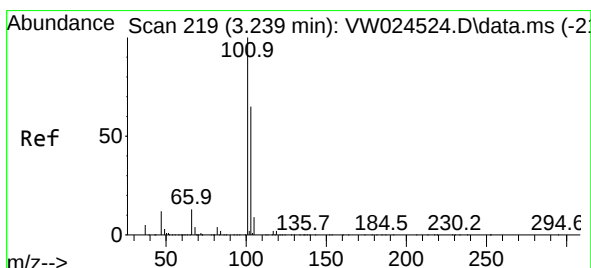
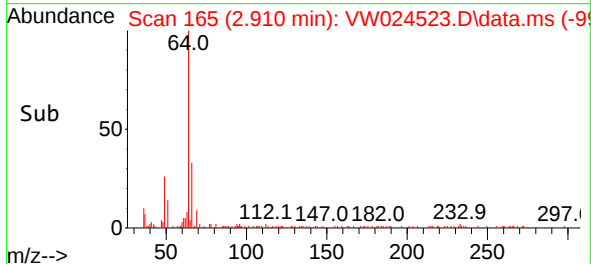
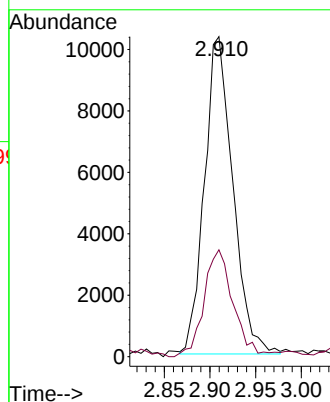
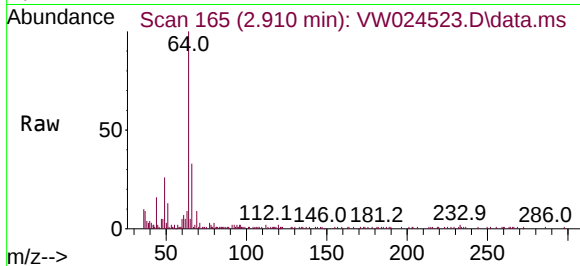




#8
Chloroethane
Concen: 5.311 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

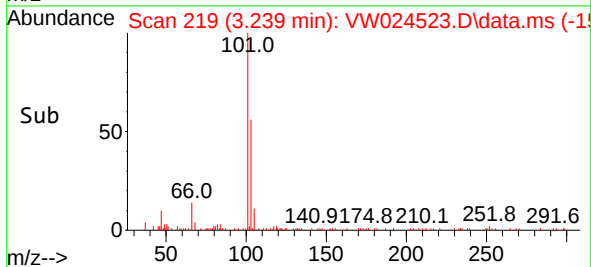
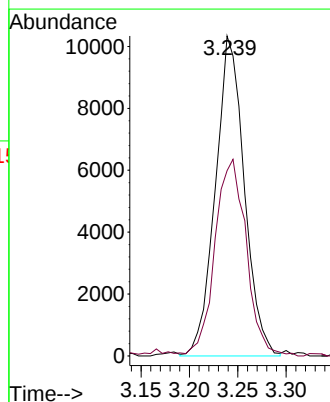
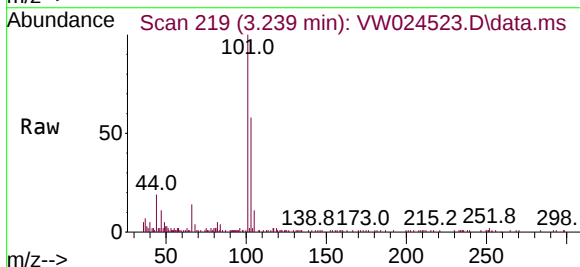
Instrument :
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VSTD005426

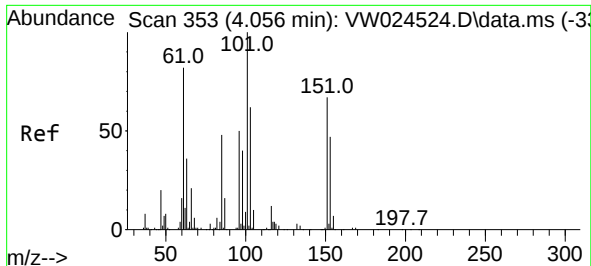
Tgt Ion: 64 Resp: 22363
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 7.150 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 101 Resp: 21479
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.6

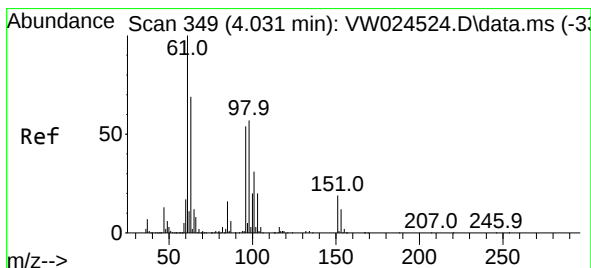
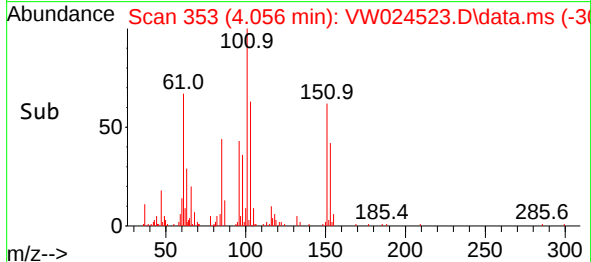
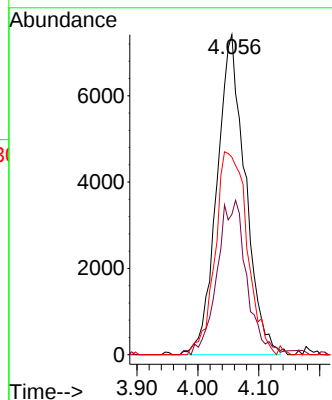
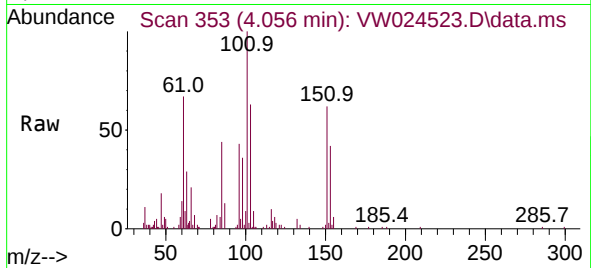




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.318 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024523.D
 Acq: 02 Sep 2022 09:59

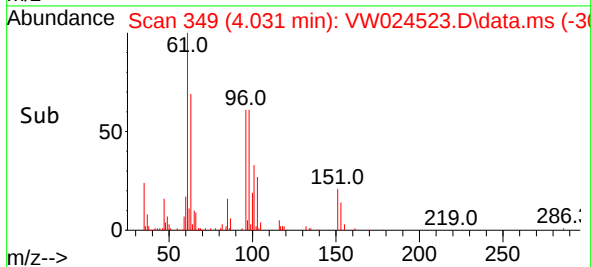
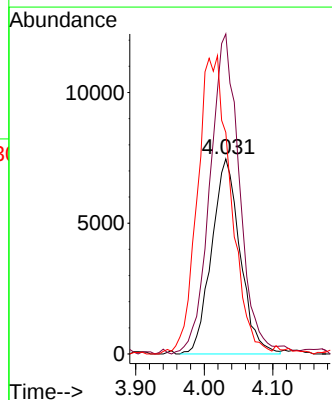
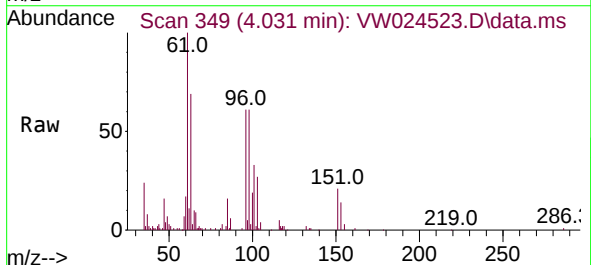
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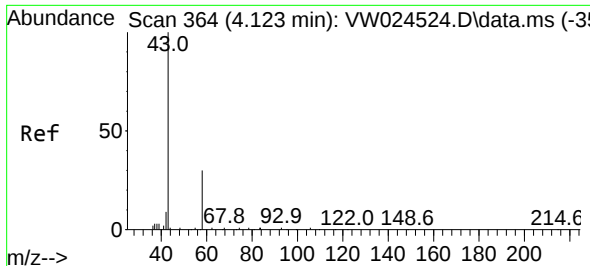
Tgt Ion: 101 Resp: 23955
 Ion Ratio Lower Upper
 101 100
 85 22.1 37.1 55.7#
 151 71.4 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 5.416 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024523.D
 Acq: 02 Sep 2022 09:59

Tgt Ion: 96 Resp: 21505
 Ion Ratio Lower Upper
 96 100
 61 164.1 129.1 239.8
 63 113.6 90.2 167.4

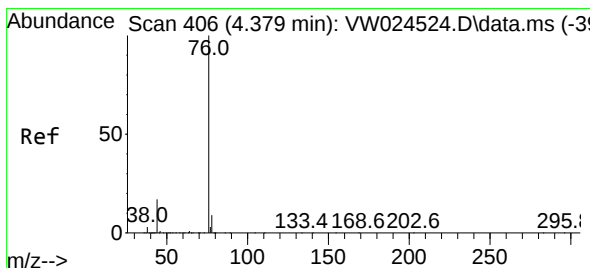
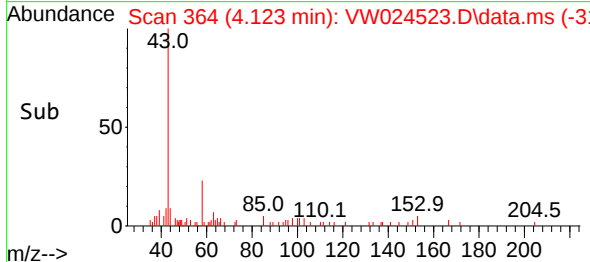
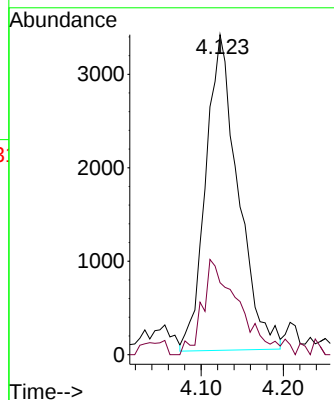
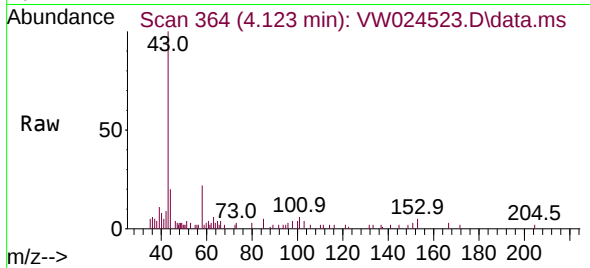




#13
Acetone
Concen: 11.745 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

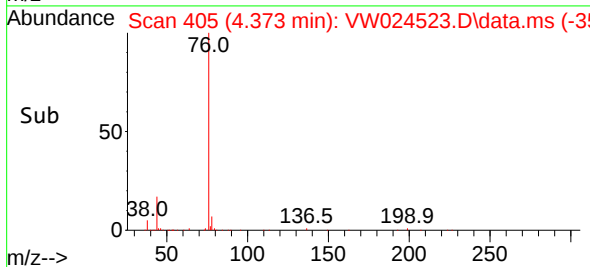
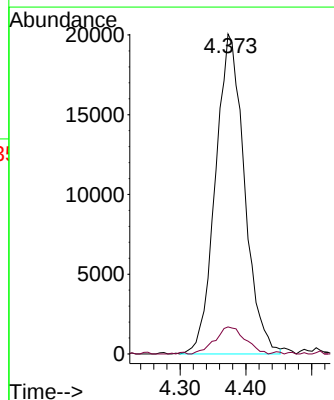
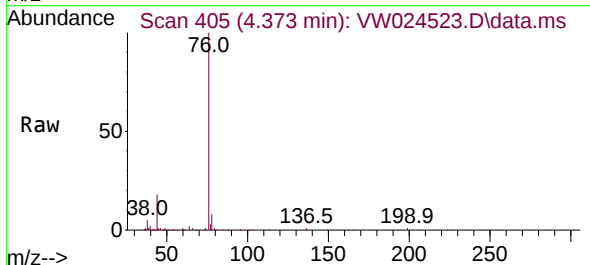
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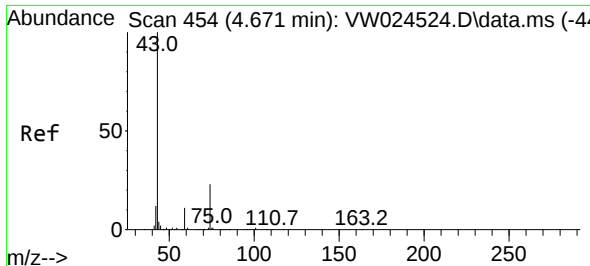
Tgt Ion: 43 Resp: 9267
Ion Ratio Lower Upper
43 100
58 23.4 0.0 59.8



#14
Carbon disulfide
Concen: 5.625 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 76 Resp: 61514
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3

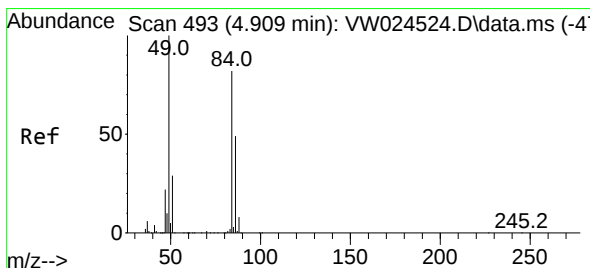
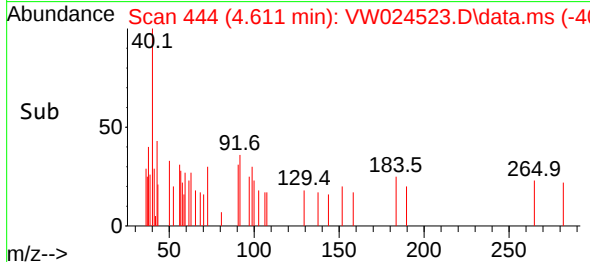
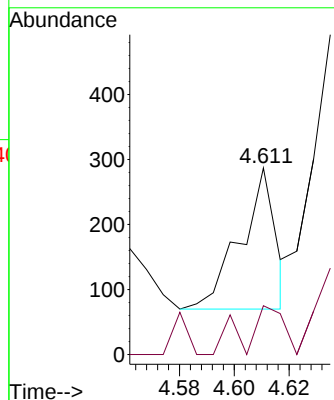
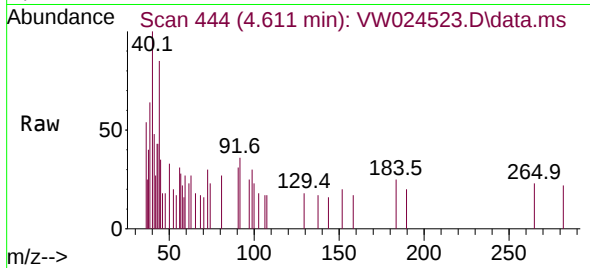




#15
Methyl Acetate
Concen: 0.108 ug/L
RT: 4.611 min Scan# 444
Delta R.T. -0.061 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

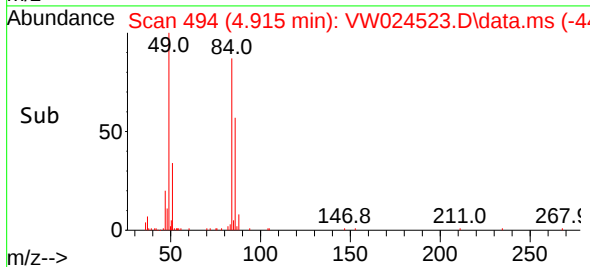
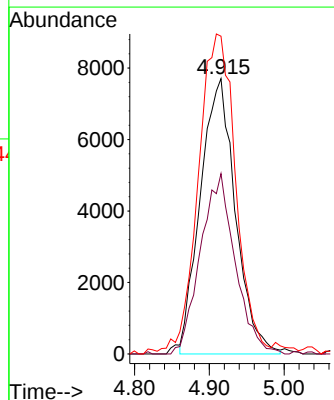
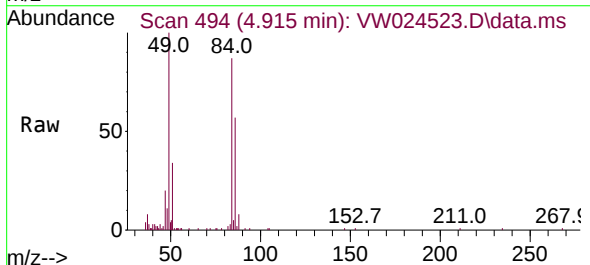
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

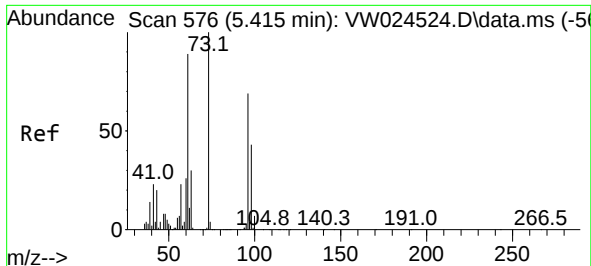
Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
74 26.4 19.5 29.3



#16
Methylene chloride
Concen: 5.497 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 84 Resp: 25069
Ion Ratio Lower Upper
84 100
86 65.5 42.1 78.1
49 115.4 85.5 158.9

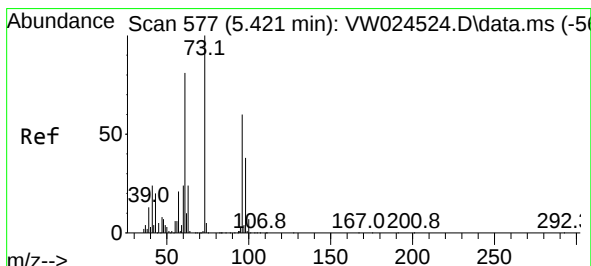
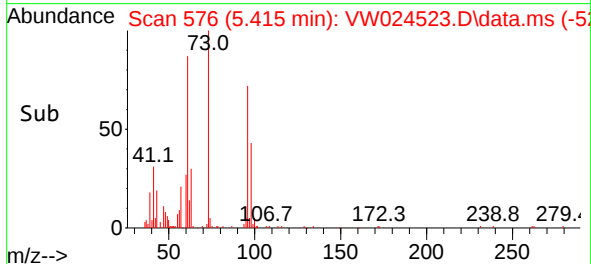
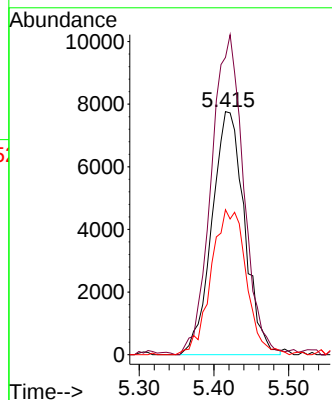
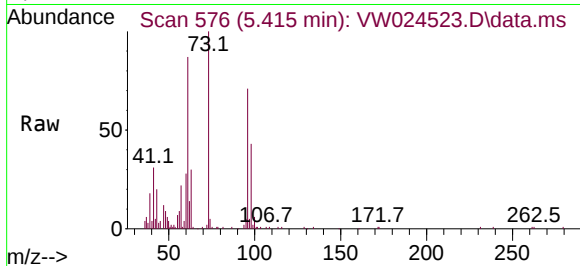




#17
trans-1,2-Dichloroethene
Concen: 5.321 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

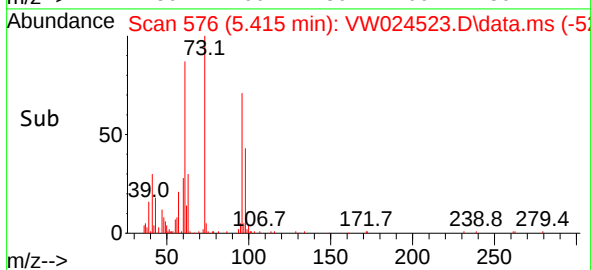
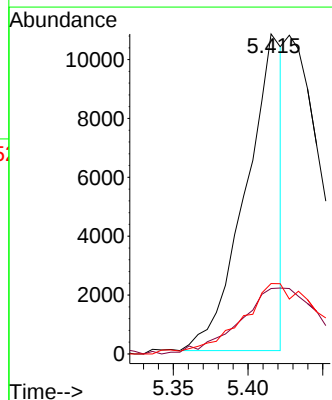
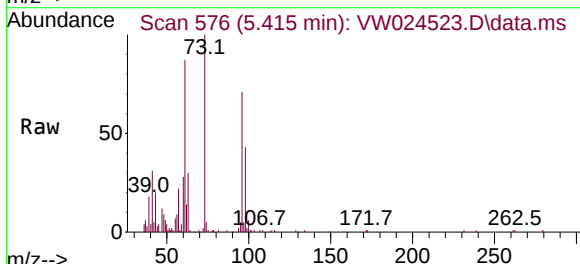
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

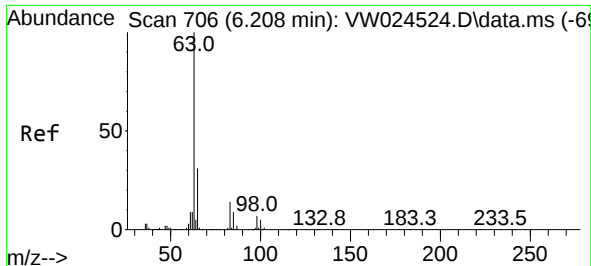
Tgt Ion:	96	Resp:	23478
Ion	Ratio	Lower	Upper
96	100		
61	122.3	90.0	167.2
98	59.6	43.3	80.3



#18
Methyl tert-butyl Ether
Concen: 2.405 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion:	73	Resp:	18379
Ion	Ratio	Lower	Upper
73	100		
43	42.7	16.3	24.5#
57	26.1	17.3	25.9#





#19

1,1-Dichloroethane

Concen: 5.361 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD005426

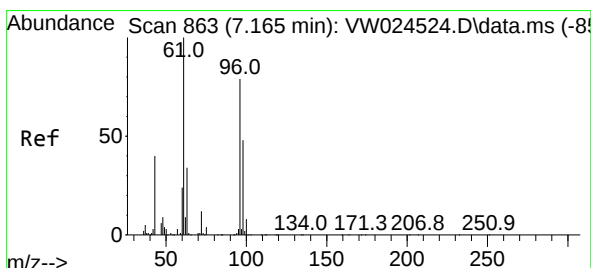
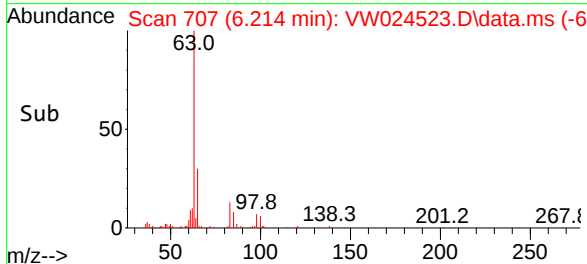
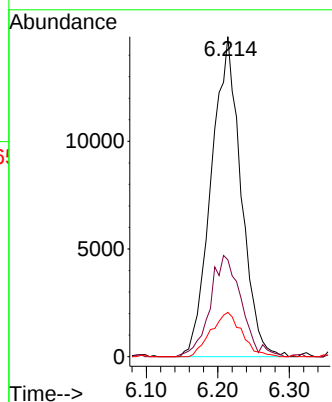
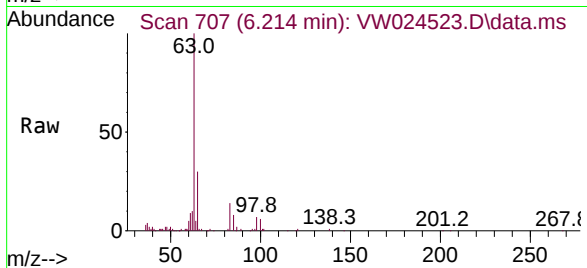
Tgt Ion: 63 Resp: 42837

Ion Ratio Lower Upper

63 100

65 30.2 21.5 39.9

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 0.006 ug/L

RT: 7.250 min Scan# 877

Delta R.T. 0.086 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

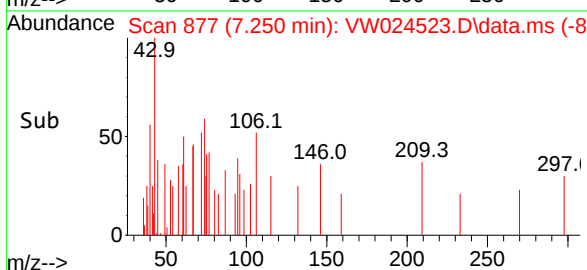
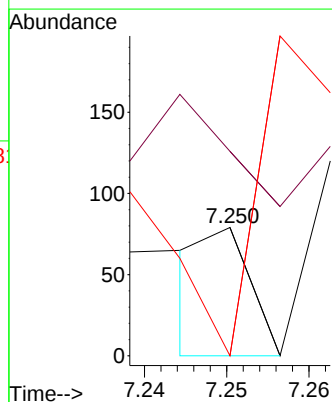
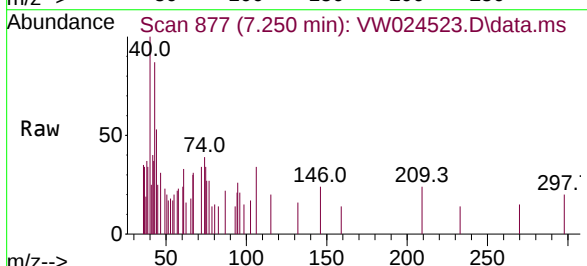
Tgt Ion: 96 Resp: 29

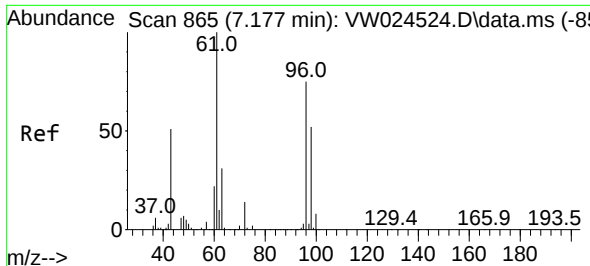
Ion Ratio Lower Upper

96 100

61 159.5 88.9 165.1

68 0.0 0.0 0.0

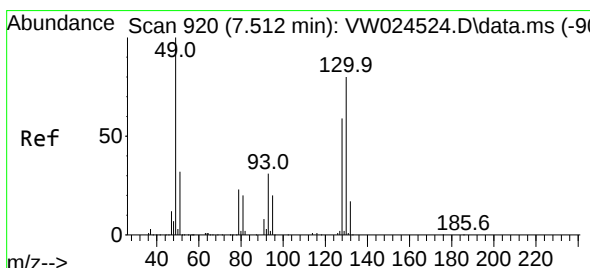
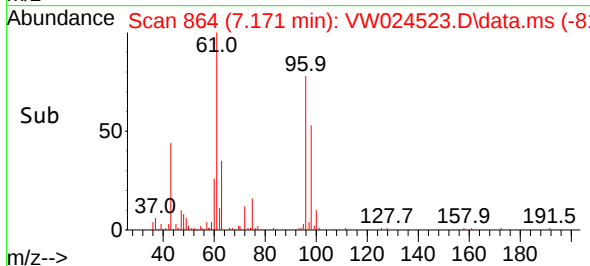
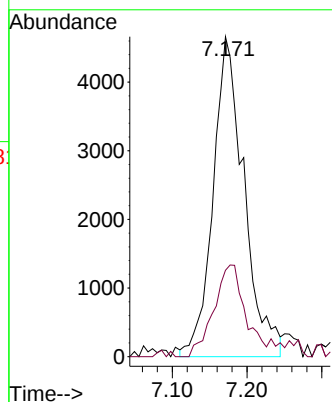
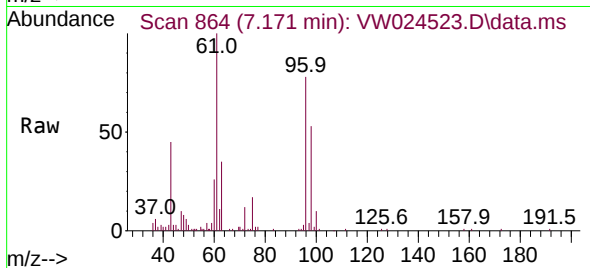




#22
2-Butanone
Concen: 10.480 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

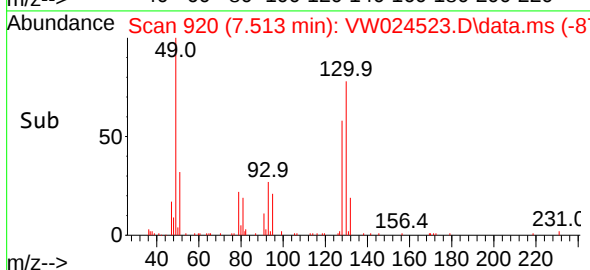
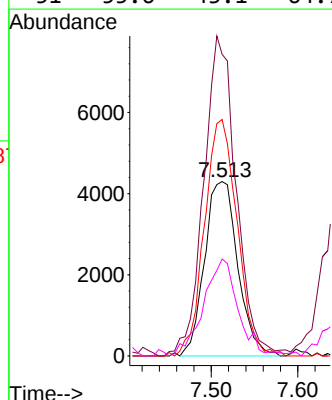
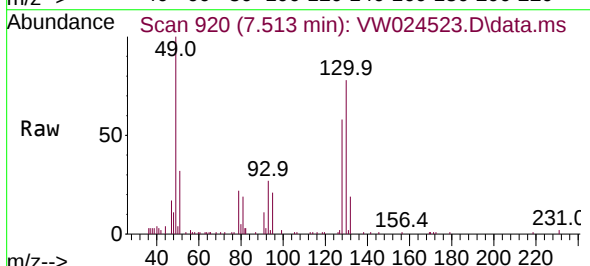
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

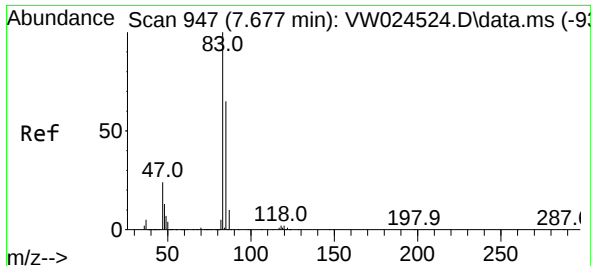
Tgt Ion: 43 Resp: 13430
Ion Ratio Lower Upper
43 100
72 25.8 14.5 43.6



#23
Bromochloromethane
Concen: 5.136 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 128 Resp: 11445
Ion Ratio Lower Upper
128 100
49 173.0 118.2 219.6
130 135.7 94.8 176.2
51 55.6 43.1 64.7

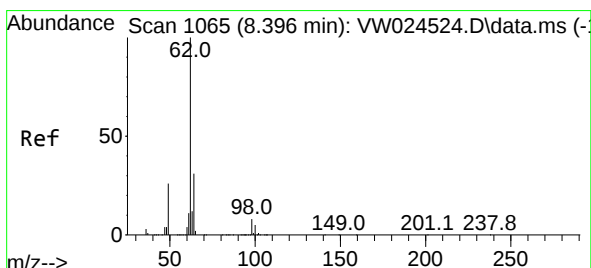
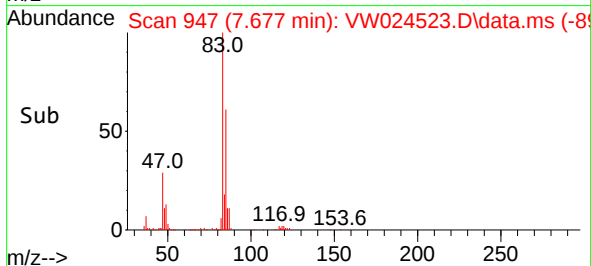
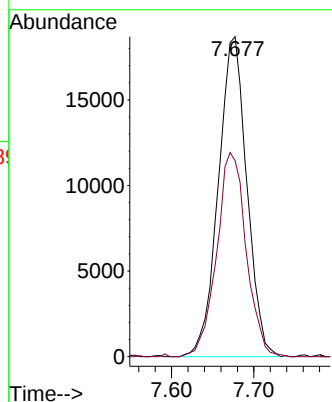
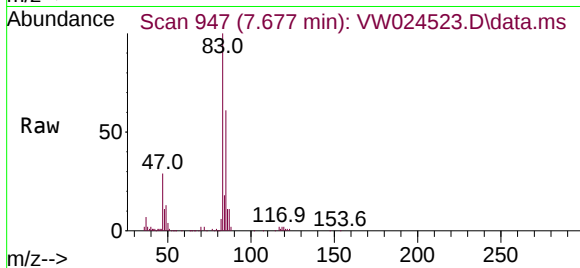




#25
Chloroform
Concen: 5.144 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

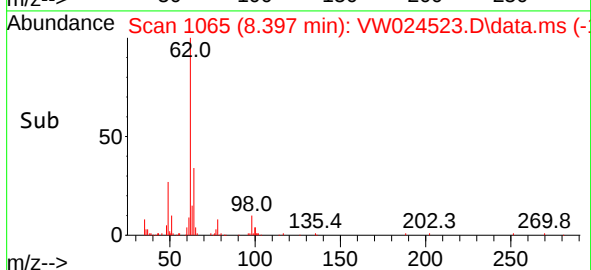
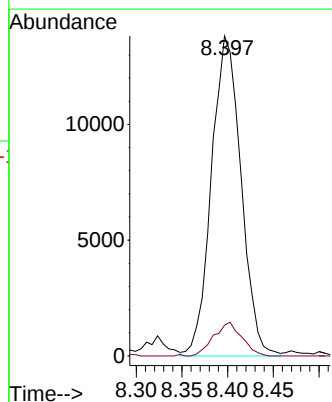
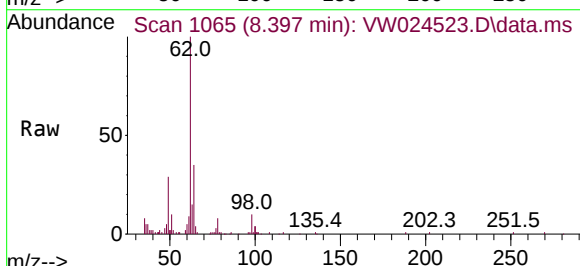
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

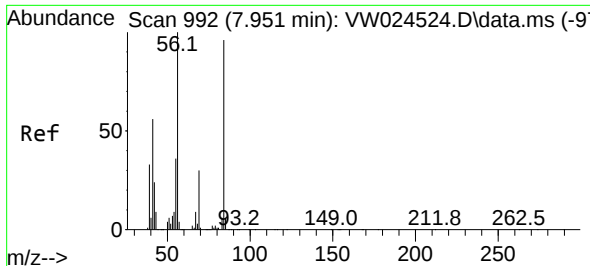
Tgt Ion: 83 Resp: 45122
Ion Ratio Lower Upper
83 100
85 61.2 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.404 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 62 Resp: 31138
Ion Ratio Lower Upper
62 100
98 9.6 6.7 10.1

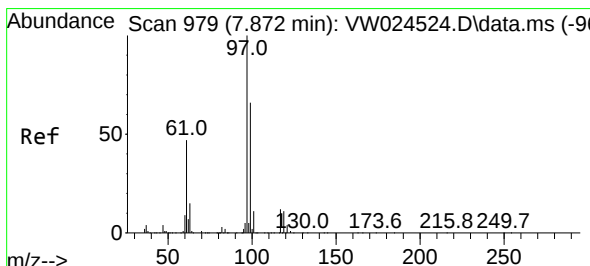
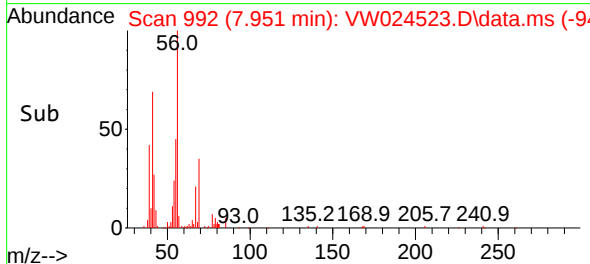
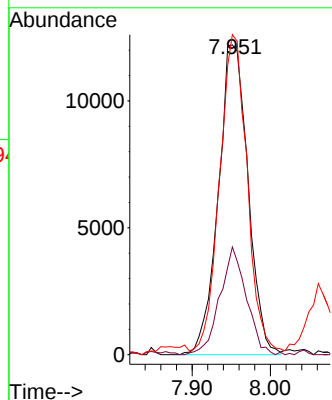
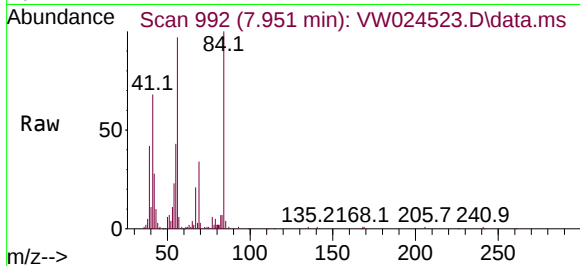




#29
Cyclohexane
Concen: 5.088 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

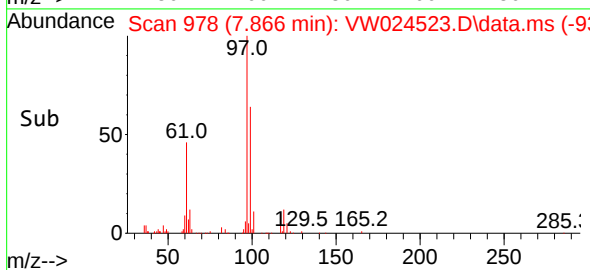
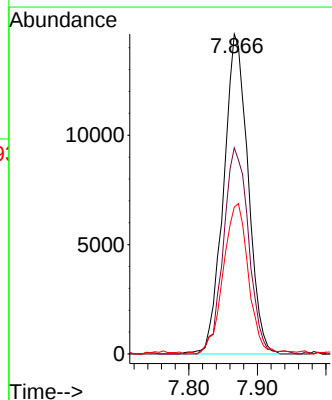
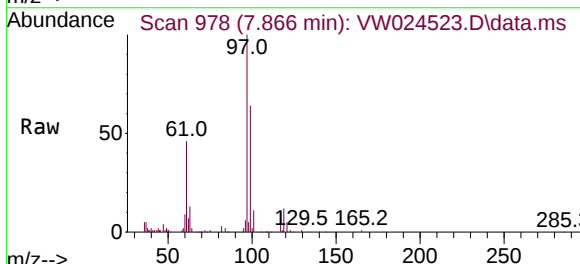
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

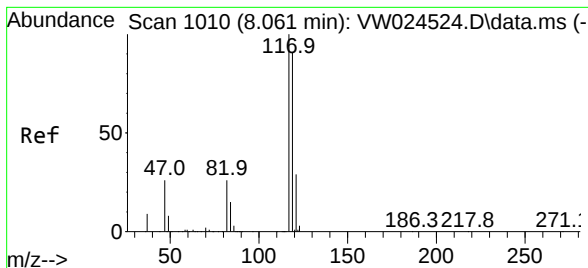
Tgt Ion: 56	Resp: 32256
Ion Ratio	Lower Upper
56	100
69	30.8 24.8 37.2
84	96.8 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 5.244 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 97	Resp: 36219
Ion Ratio	Lower Upper
97	100
99	66.3 52.5 78.7
61	48.2 37.9 56.9

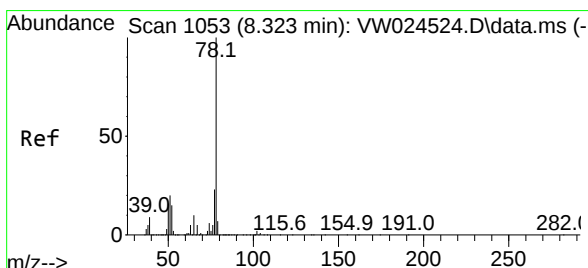
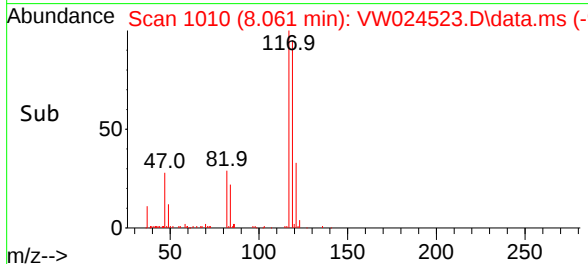
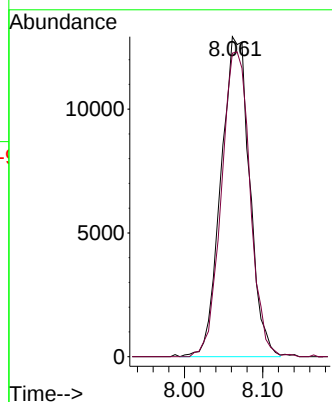
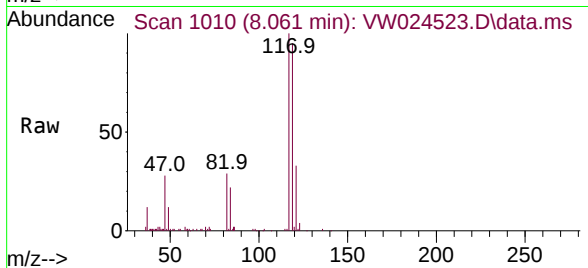




#31
Carbon tetrachloride
Concen: 5.237 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

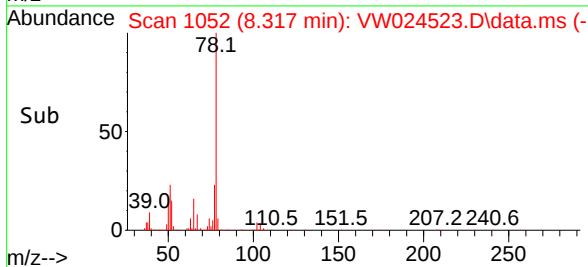
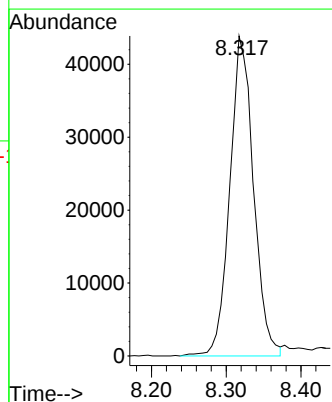
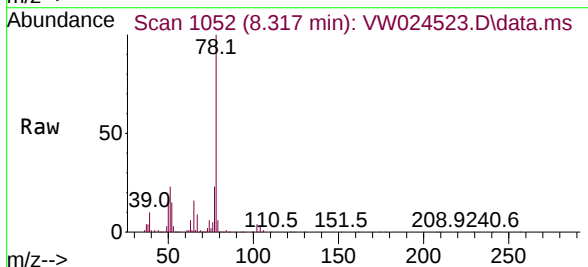
Instrument : MSVOA_W
ClientSampleId : VSTD005426

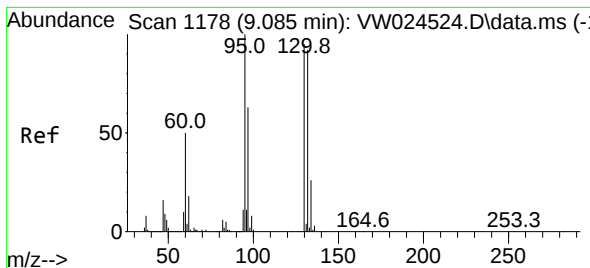
Tgt Ion:117 Resp: 32800
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1



#33
Benzene
Concen: 5.338 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 78 Resp: 96929





#34

Trichloroethene

Concen: 5.280 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD005426

Tgt Ion: 95 Resp: 25449

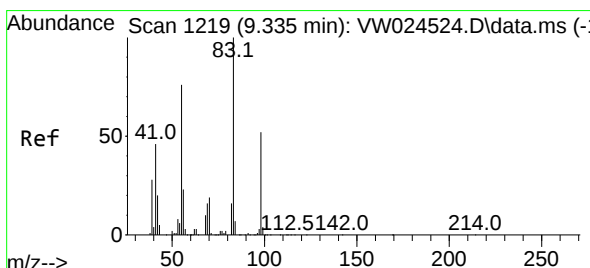
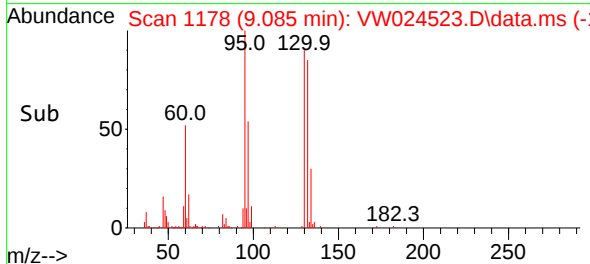
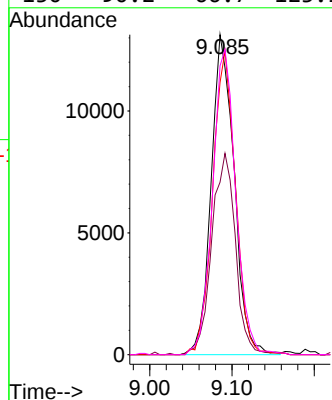
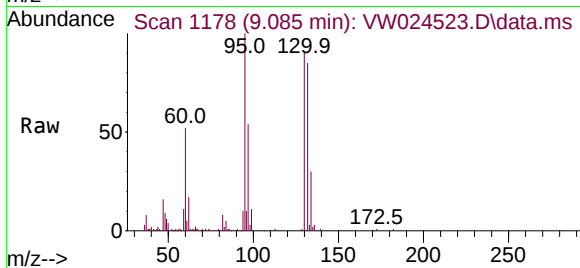
Ion Ratio Lower Upper

95 100

97 53.9 44.2 82.2

132 85.1 64.5 119.7

130 90.2 66.7 123.9



#35

Methylcyclohexane

Concen: 5.255 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

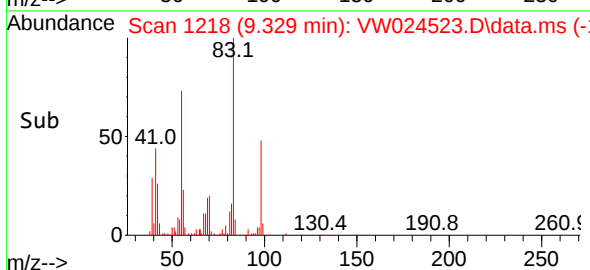
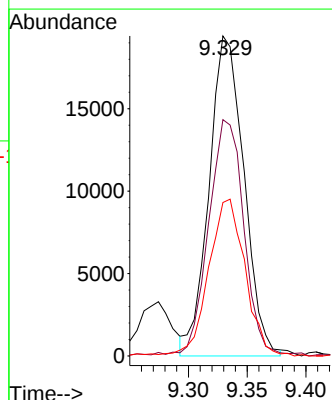
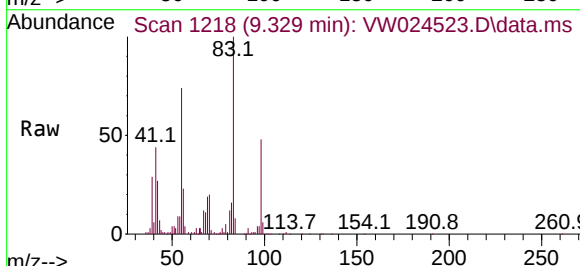
Tgt Ion: 83 Resp: 40082

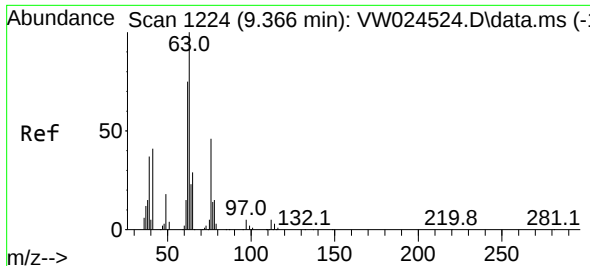
Ion Ratio Lower Upper

83 100

55 74.1 58.9 88.3

98 51.5 40.4 60.6

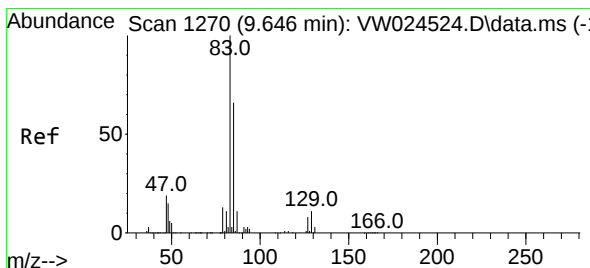
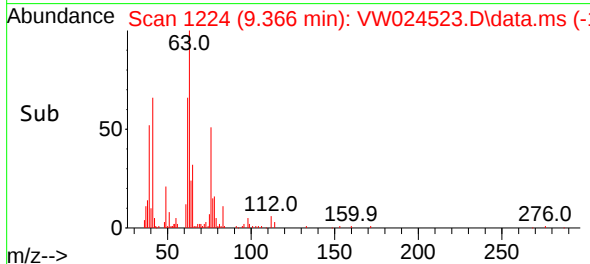
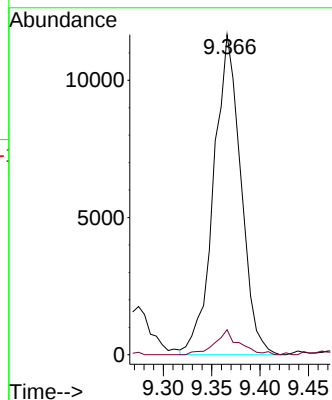
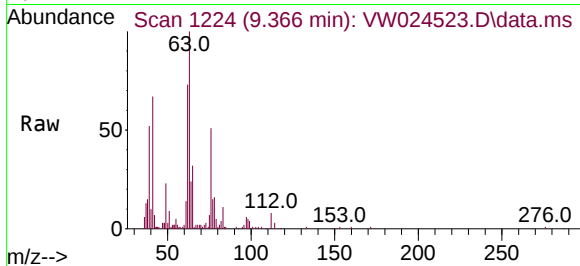




#37
1,2-Dichloropropane
Concen: 5.205 ug/L
RT: 9.366 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

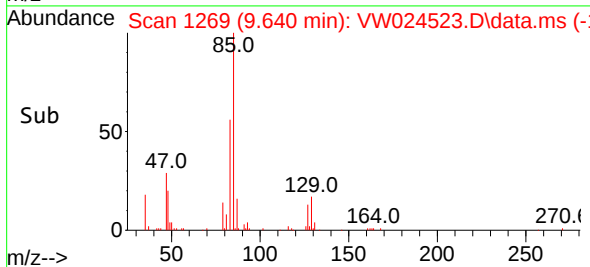
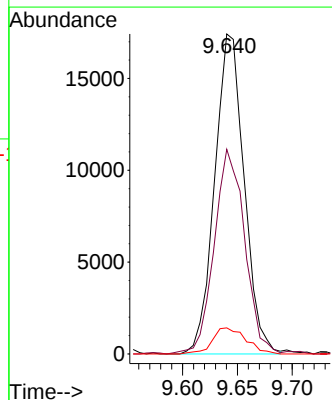
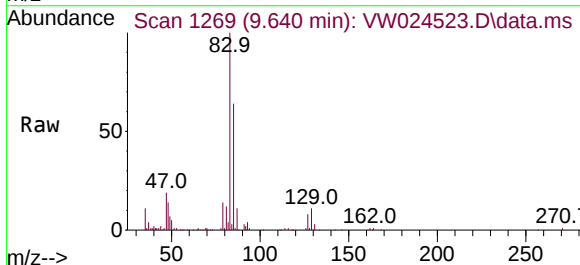
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

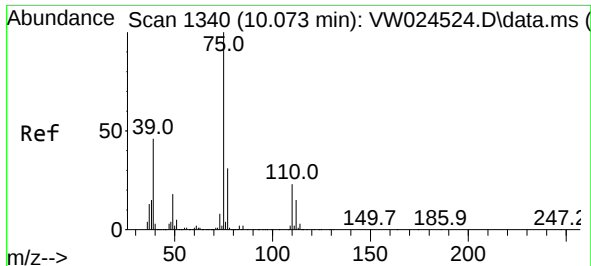
Tgt Ion: 63 Resp: 22773
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.267 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 83 Resp: 32577
Ion Ratio Lower Upper
83 100
85 63.9 46.3 85.9
127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.879 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

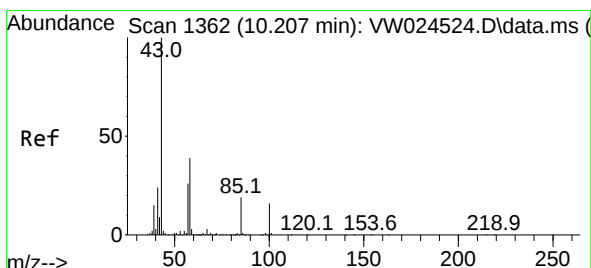
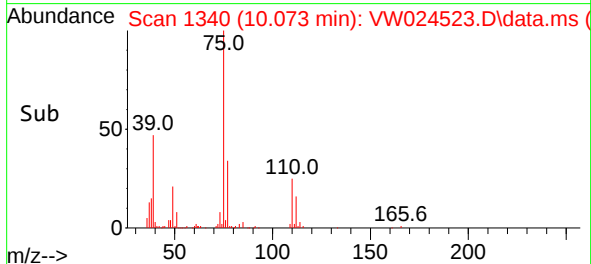
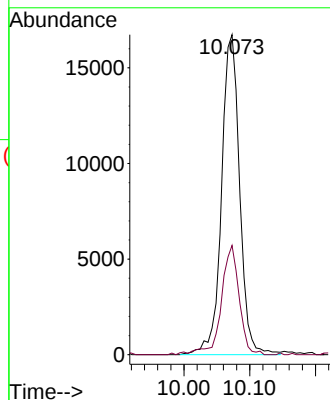
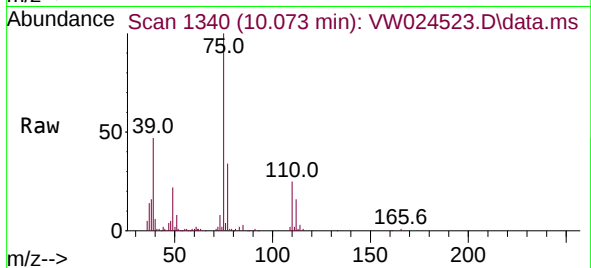
VSTD005426

Tgt Ion: 75 Resp: 32142

Ion Ratio Lower Upper

75 100

77 34.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 10.072 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

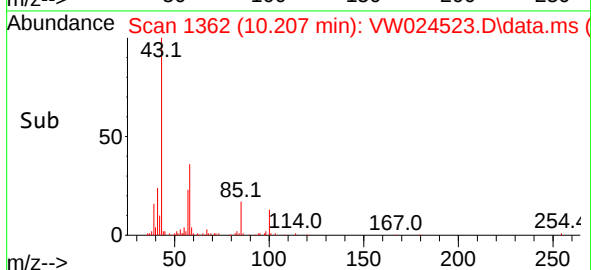
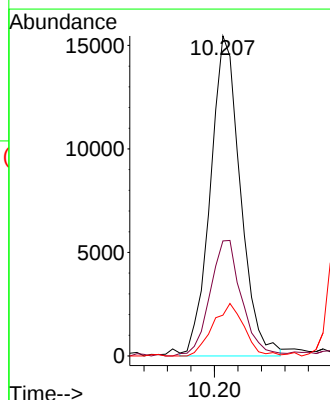
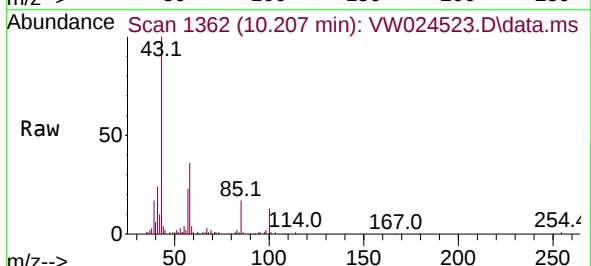
Tgt Ion: 43 Resp: 27408

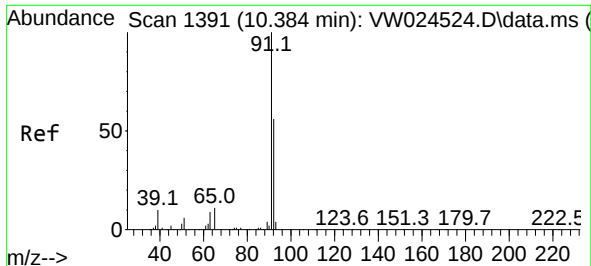
Ion Ratio Lower Upper

43 100

58 38.1 31.8 47.8

100 16.8 13.5 20.3

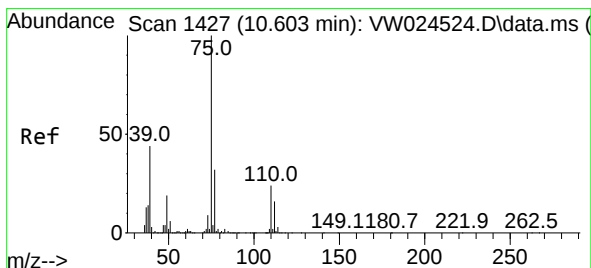
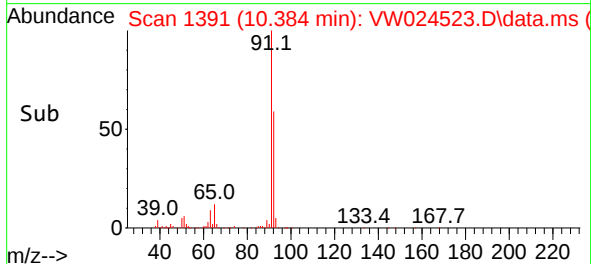
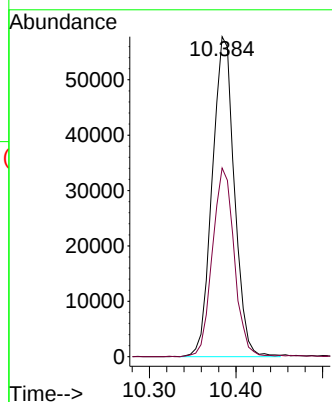
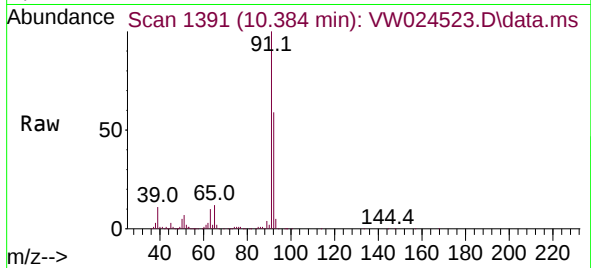




#42
Toluene
Concen: 5.183 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

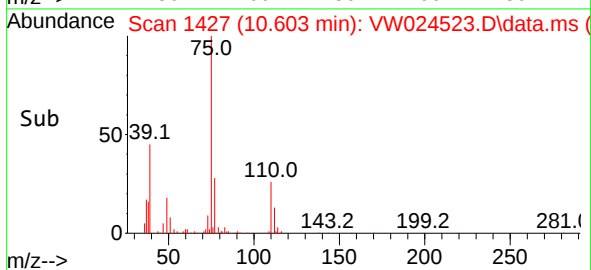
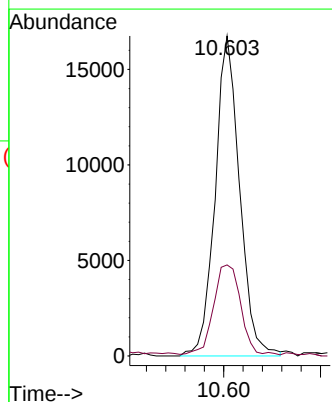
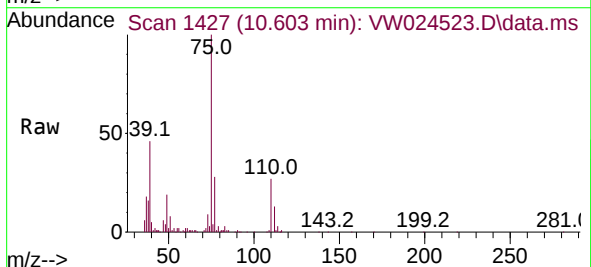
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

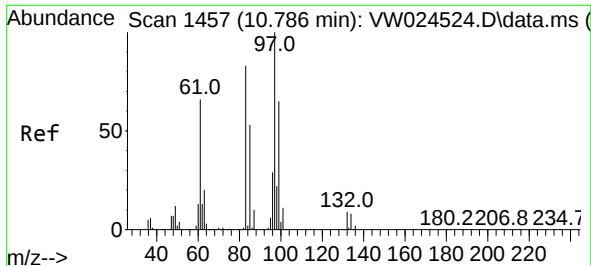
Tgt Ion: 91 Resp: 102491
Ion Ratio Lower Upper
91 100
92 58.9 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 4.978 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 75 Resp: 29417
Ion Ratio Lower Upper
75 100
77 28.5 22.3 41.5

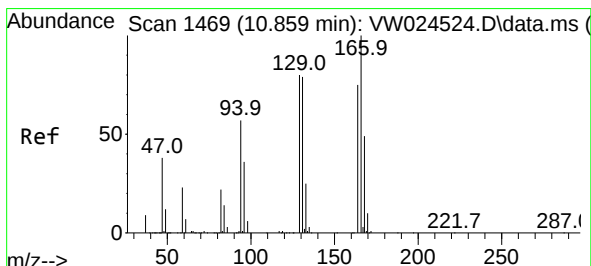
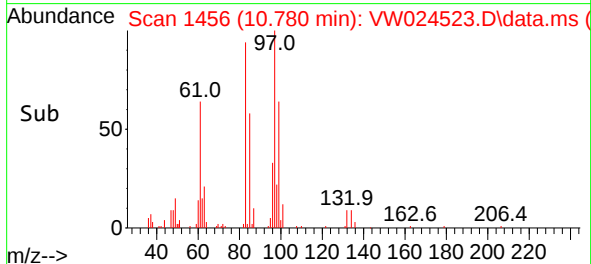
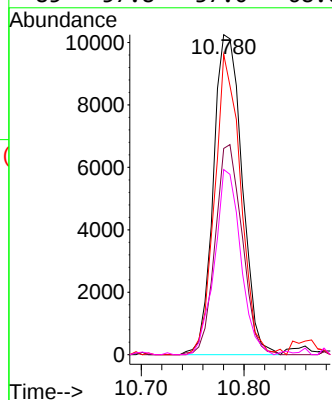
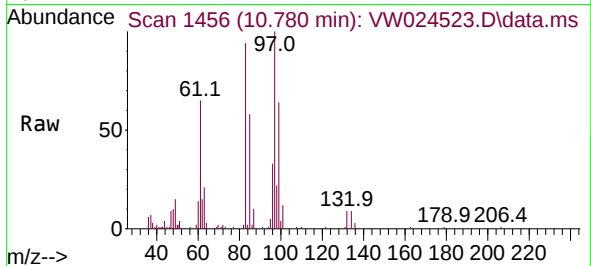




#45
1,1,2-Trichloroethane
Concen: 5.428 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

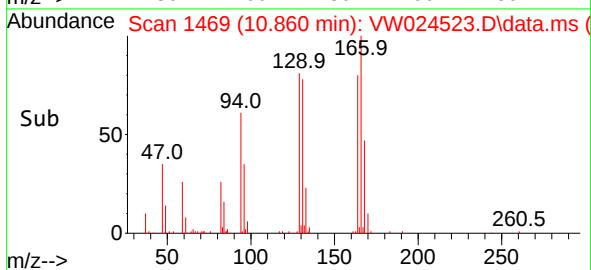
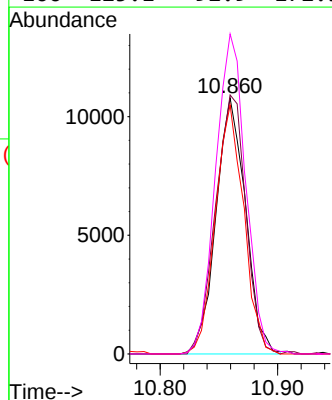
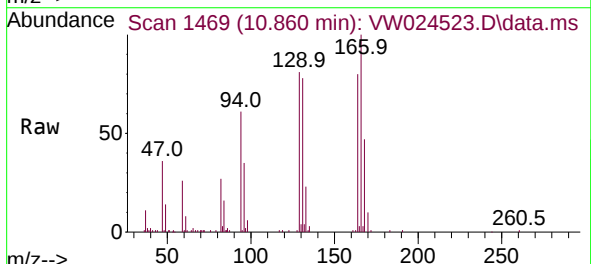
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

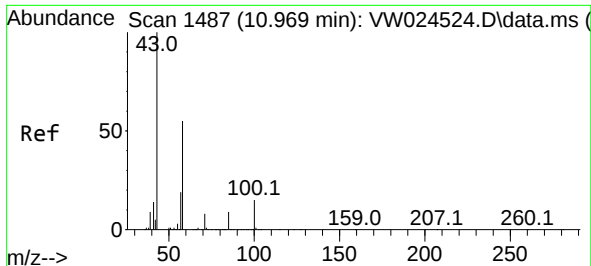
Tgt Ion: 97	Resp: 19829
Ion Ratio	Lower Upper
97 100	
99 64.5	45.7 84.9
83 93.8	58.5 108.7
85 57.8	37.0 68.6



#46
Tetrachloroethene
Concen: 5.347 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt	Ion:164	Resp:	18833
Ion	Ratio	Lower	Upper
164	100		
129	101.3	74.9	139.1
131	97.3	73.6	136.6
166	125.1	92.9	172.5

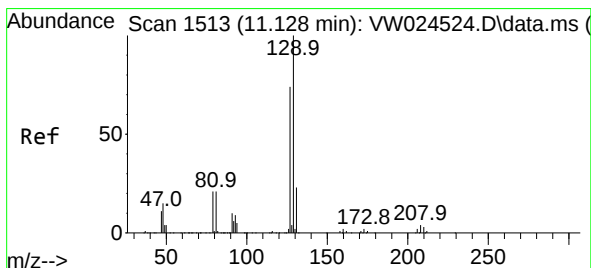
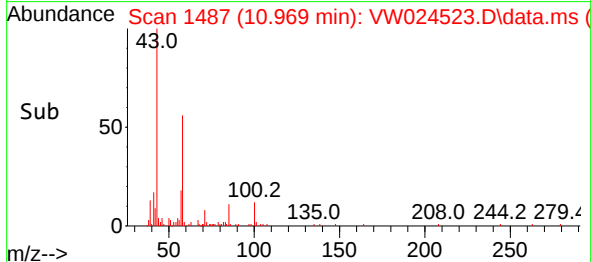
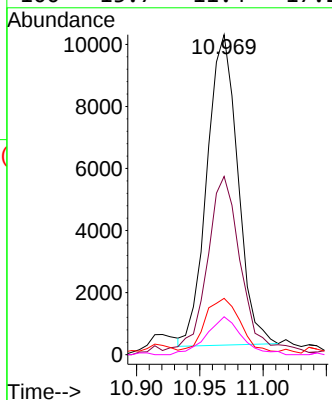
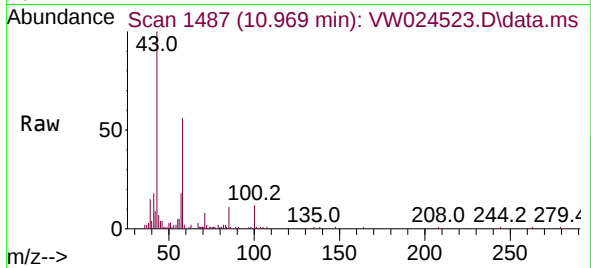




#48
2-Hexanone
Concen: 9.557 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

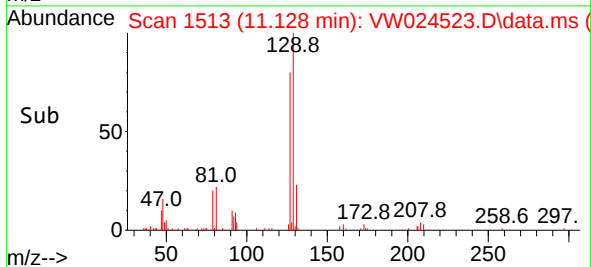
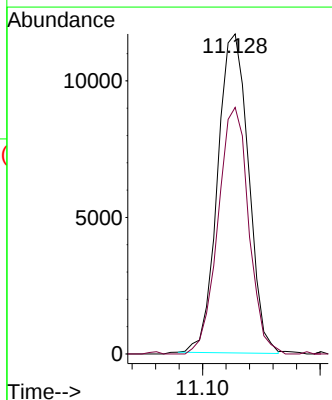
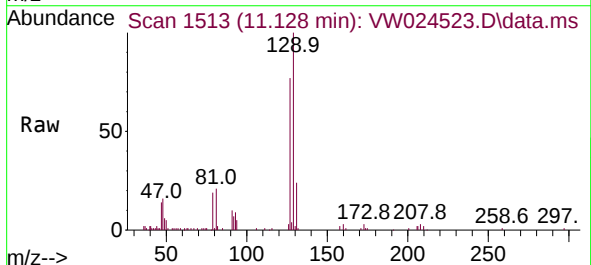
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

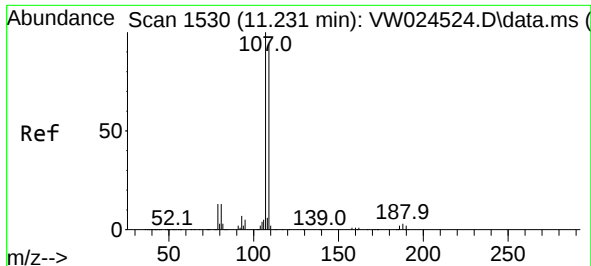
Tgt Ion: 43	Resp: 16945
Ion Ratio	Lower Upper
43 100	
58 59.3	44.2 66.2
57 19.8	15.5 23.3
100 13.7	11.4 17.2



#49
Dibromochloromethane
Concen: 4.980 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion:129	Resp:	21379	
Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.7	96.1





#50

1,2-Dibromoethane

Concen: 5.349 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD005426

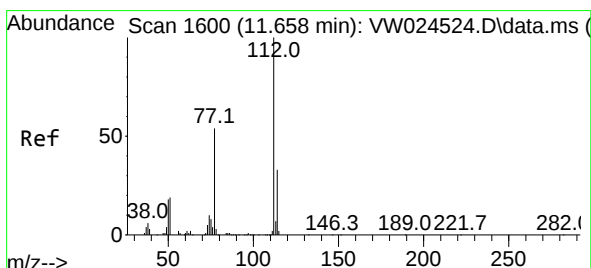
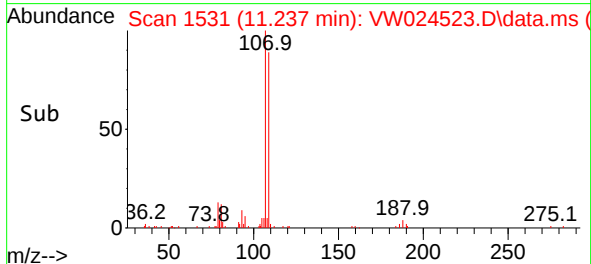
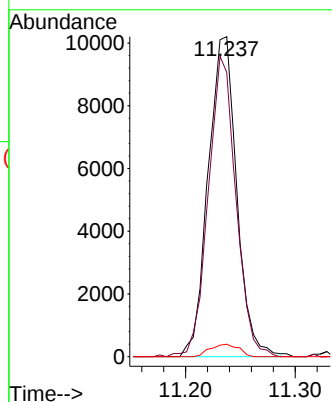
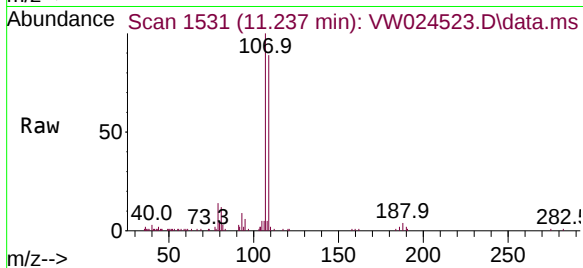
Tgt Ion:107 Resp: 18506

Ion Ratio Lower Upper

107 100

109 88.8 65.9 122.5

188 3.9 2.5 3.7#



#51

Chlorobenzene

Concen: 5.266 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

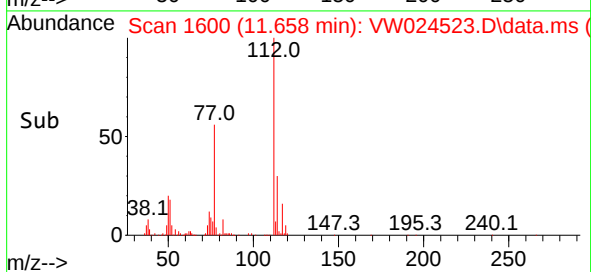
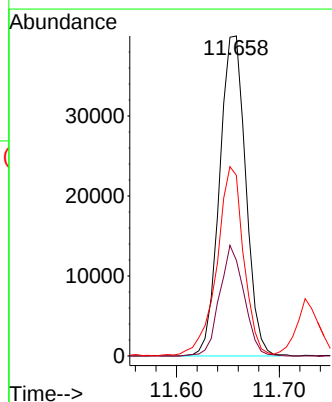
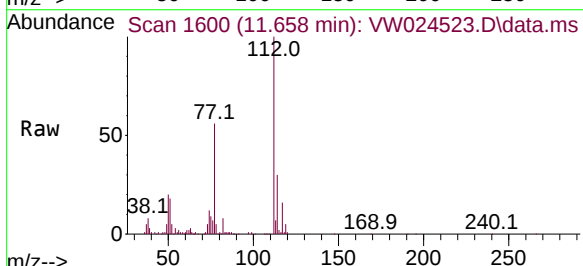
Tgt Ion:112 Resp: 70666

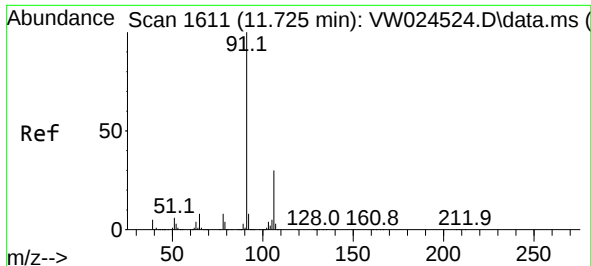
Ion Ratio Lower Upper

112 100

114 29.9 22.9 42.5

77 56.5 43.5 65.3

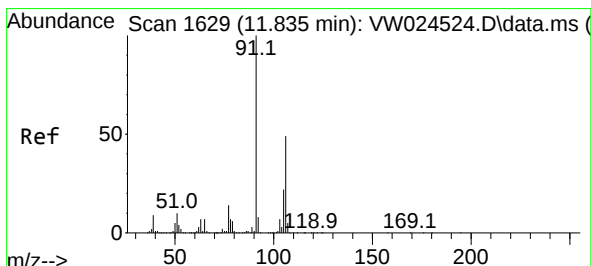
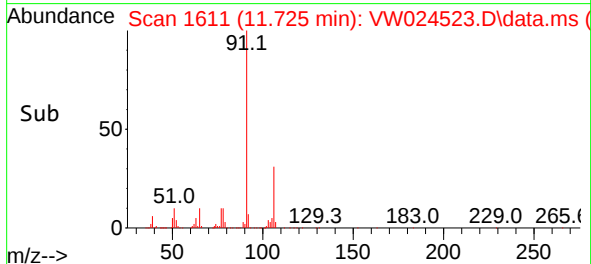
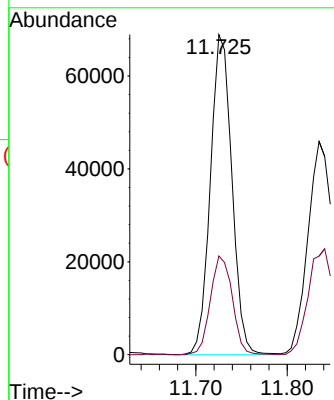
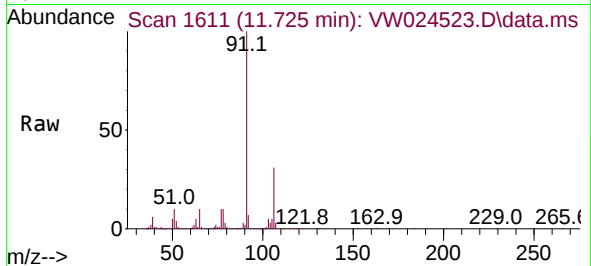




#52
Ethylbenzene
Concen: 5.093 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

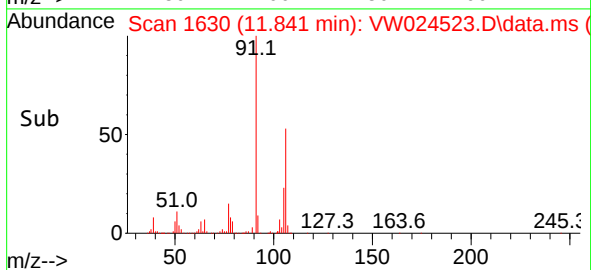
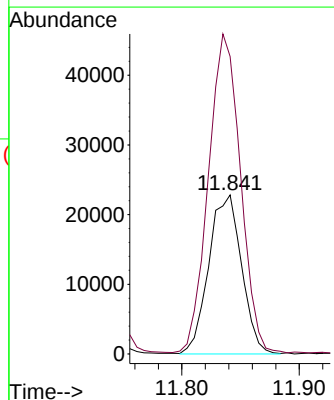
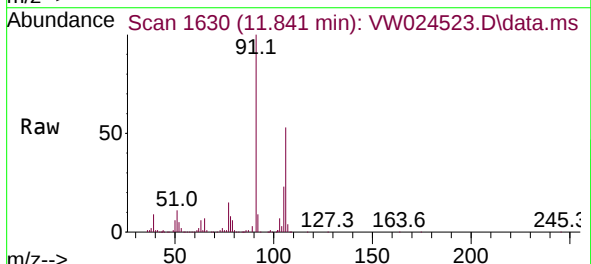
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

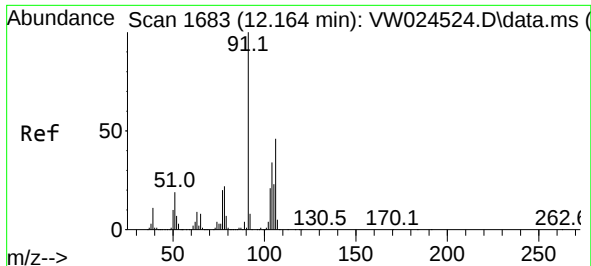
Tgt Ion: 91 Resp: 112725
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1



#53
m,p-Xylene
Concen: 5.122 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion: 106 Resp: 44332
Ion Ratio Lower Upper
106 100
91 187.0 141.7 263.3

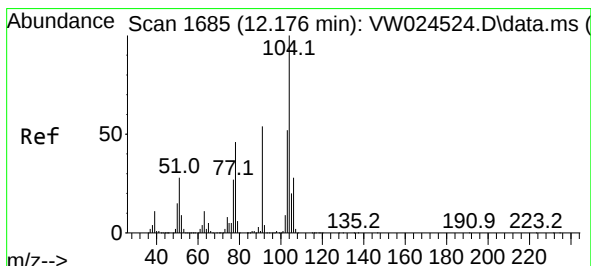
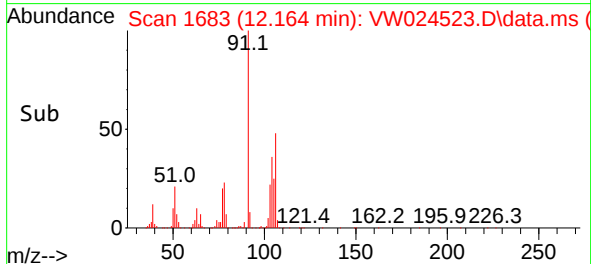
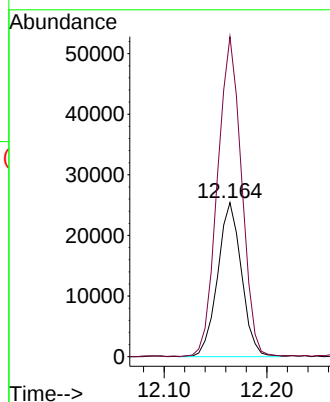
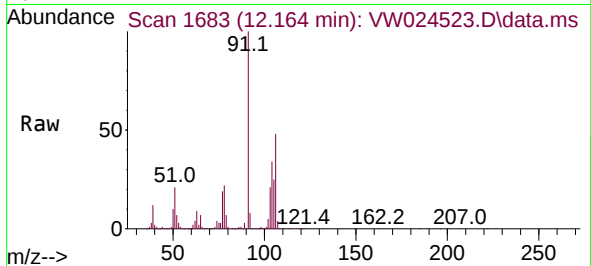




#54
o-Xylene
Concen: 4.937 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

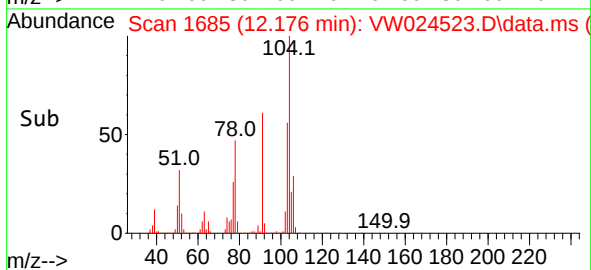
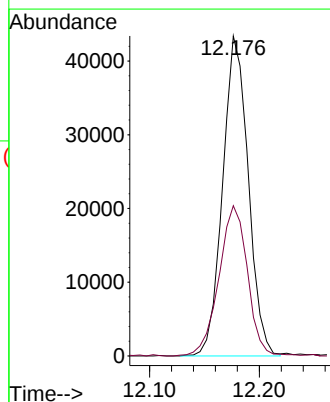
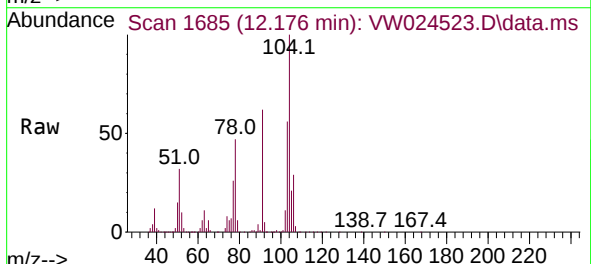
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

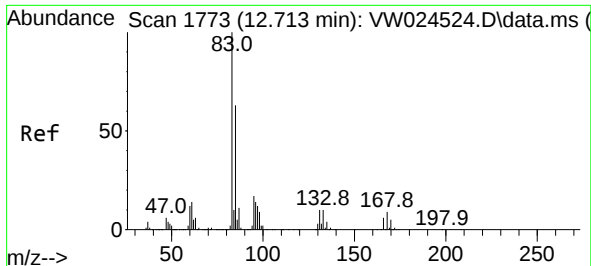
Tgt Ion:106 Resp: 40910
Ion Ratio Lower Upper
106 100
91 207.6 153.4 284.8



#55
Styrene
Concen: 4.894 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion:104 Resp: 70438
Ion Ratio Lower Upper
104 100
78 46.9 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.331 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD005426

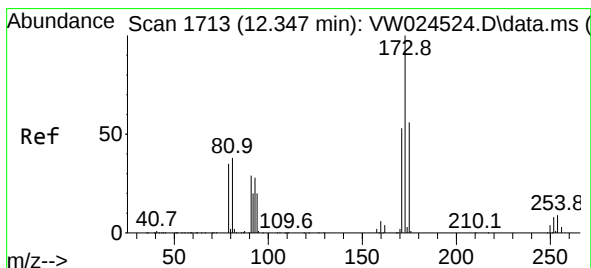
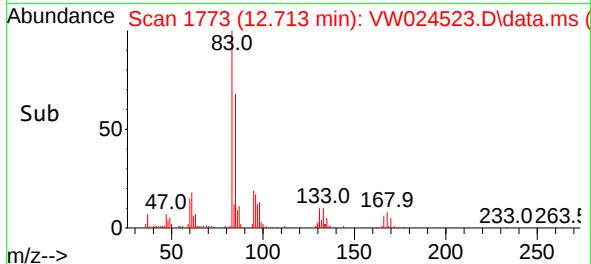
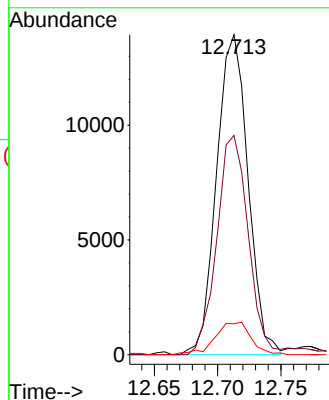
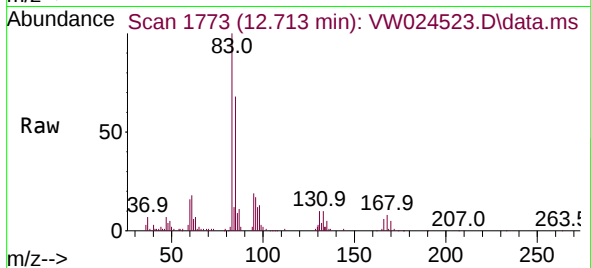
Tgt Ion: 83 Resp: 24101

Ion Ratio Lower Upper

83 100

85 68.5 43.9 81.5

131 9.7 7.9 11.9



#59

Bromoform

Concen: 4.920 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

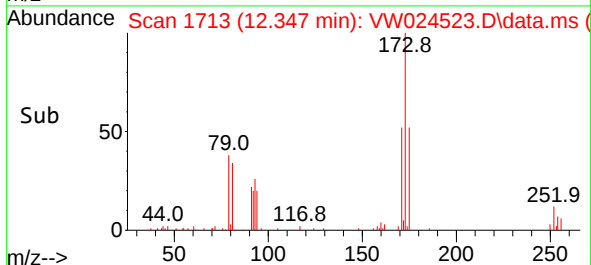
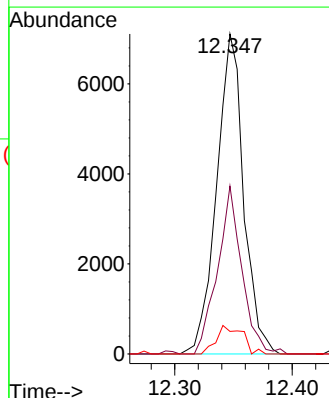
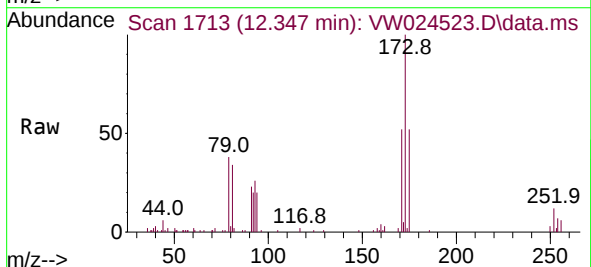
Tgt Ion: 173 Resp: 11349

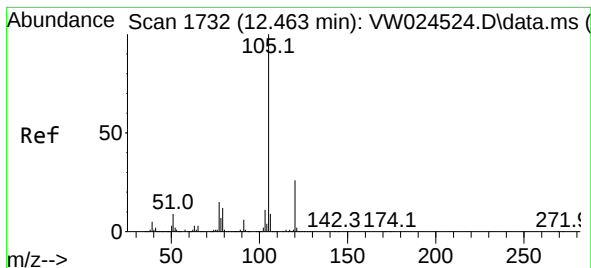
Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.6

254 5.0 6.2 9.4





#60

Isopropylbenzene

Concen: 4.873 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD005426

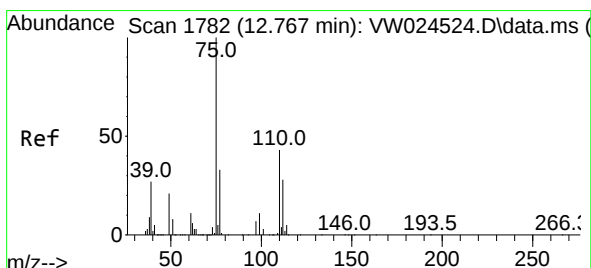
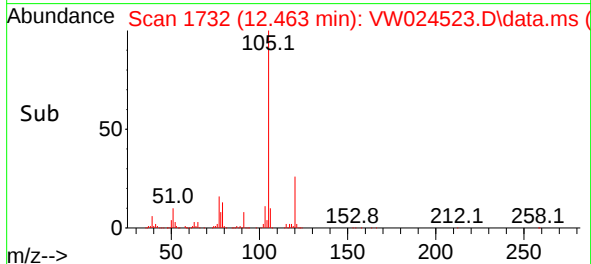
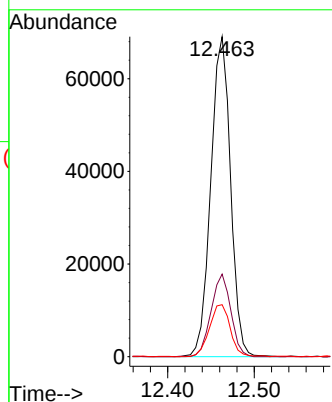
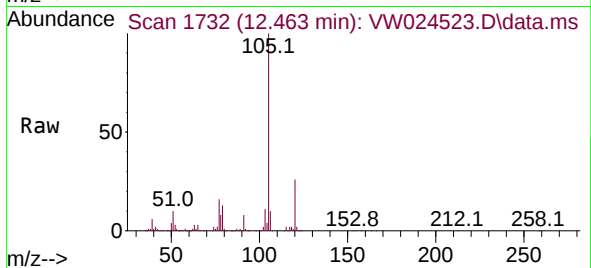
Tgt Ion:105 Resp: 109452

Ion Ratio Lower Upper

105 100

120 25.7 21.5 32.3

77 17.1 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 5.393 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

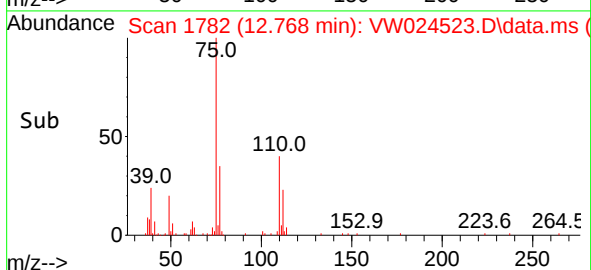
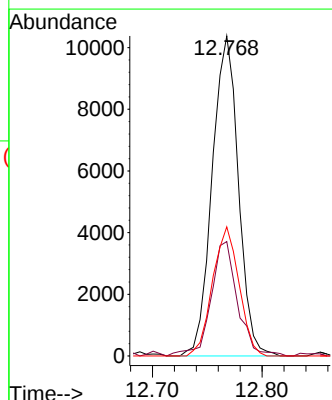
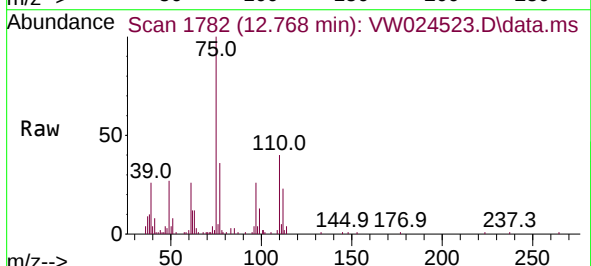
Tgt Ion: 75 Resp: 17296

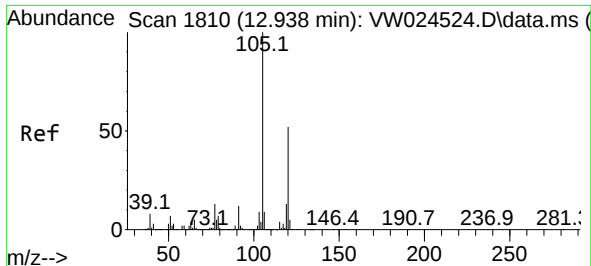
Ion Ratio Lower Upper

75 100

77 34.7 25.2 37.8

110 40.7 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 4.672 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

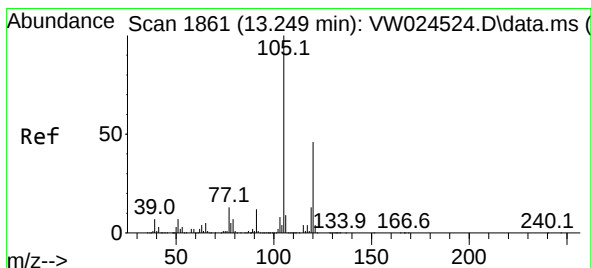
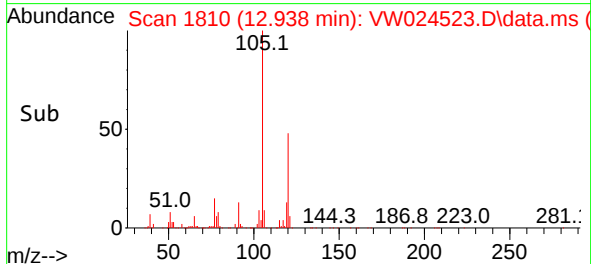
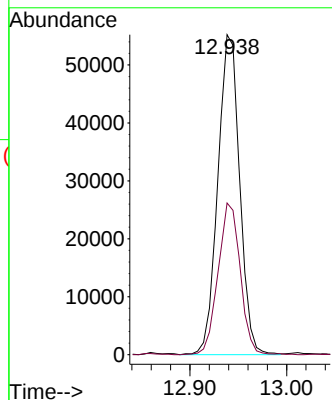
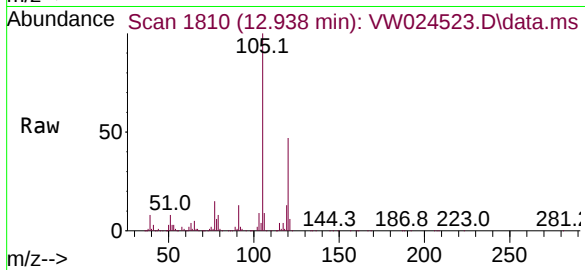
VSTD005426

Tgt Ion:105 Resp: 86558

Ion Ratio Lower Upper

105 100

120 47.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.746 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024523.D

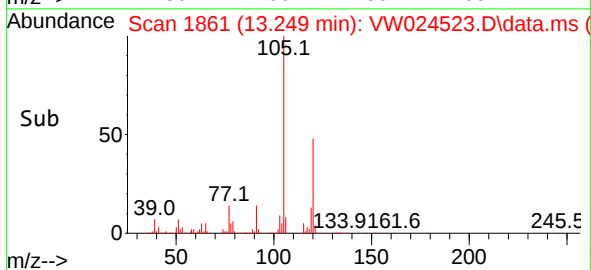
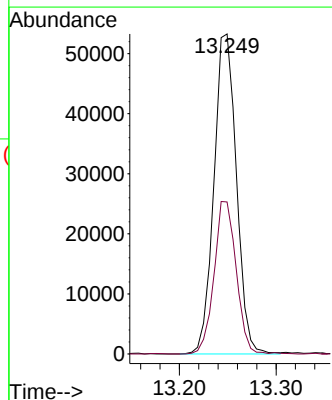
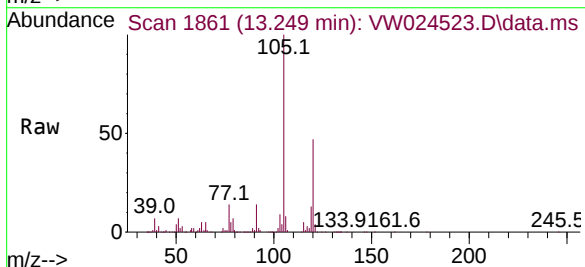
Acq: 02 Sep 2022 09:59

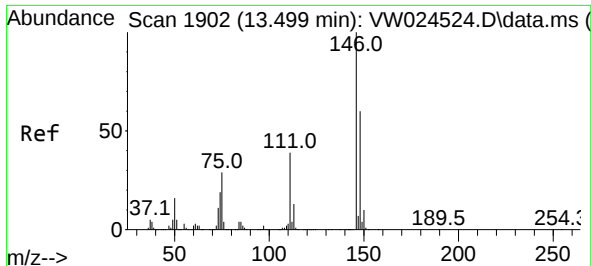
Tgt Ion:105 Resp: 86053

Ion Ratio Lower Upper

105 100

120 46.7 37.0 55.4

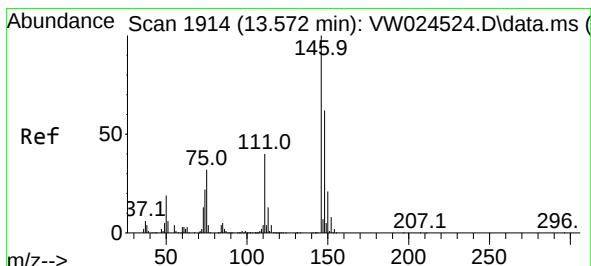
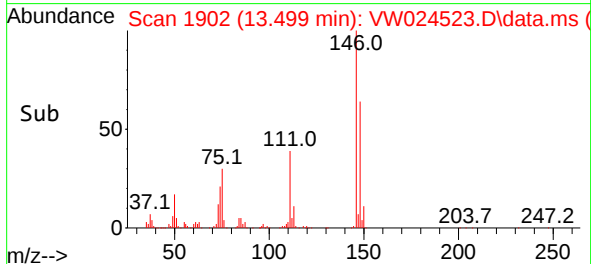
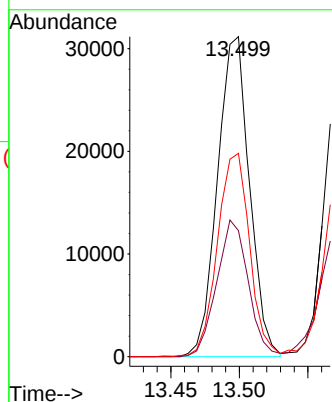
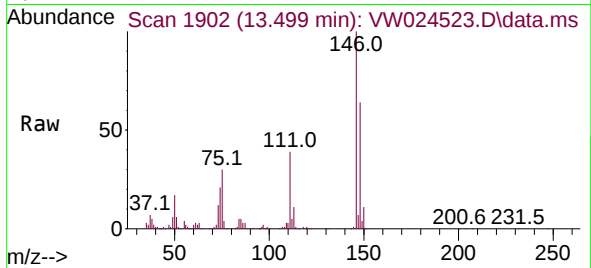




#64
1,3-Dichlorobenzene
Concen: 5.053 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

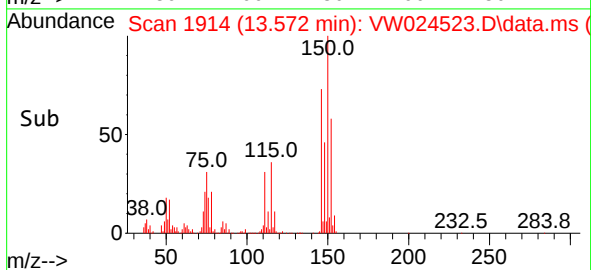
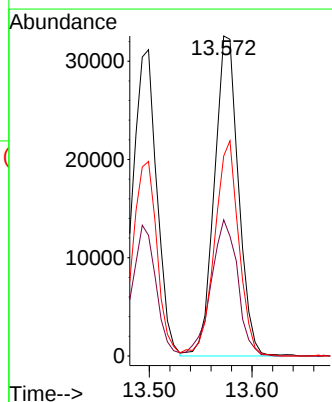
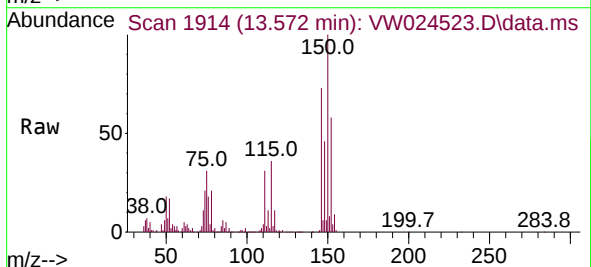
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

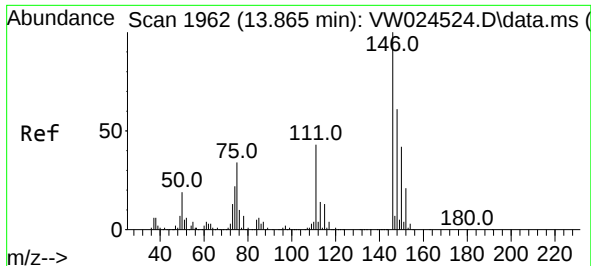
Tgt Ion:146 Resp: 50553
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.4
148 63.5 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 5.175 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion:146 Resp: 53041
Ion Ratio Lower Upper
146 100
111 42.5 28.2 52.4
148 62.5 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 5.103 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD005426

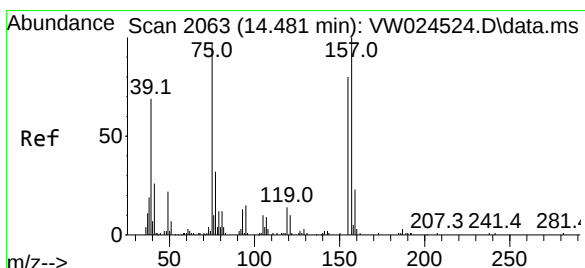
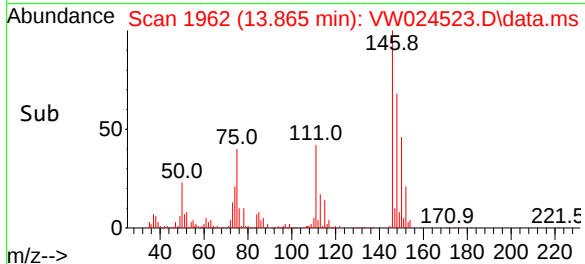
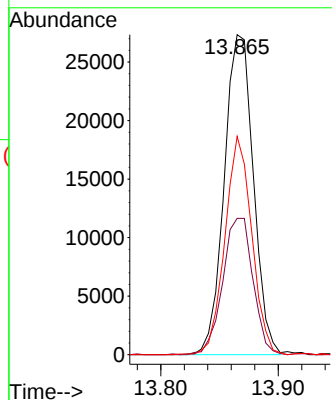
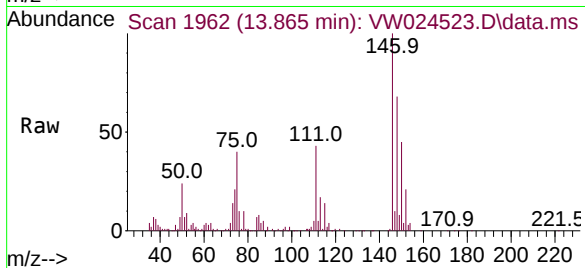
Tgt Ion:146 Resp: 47128

Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

148 68.2 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.535 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024523.D

Acq: 02 Sep 2022 09:59

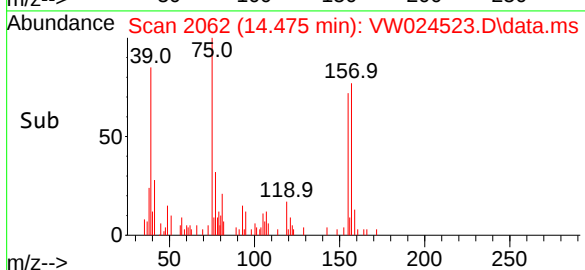
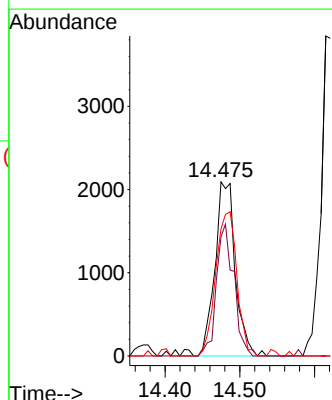
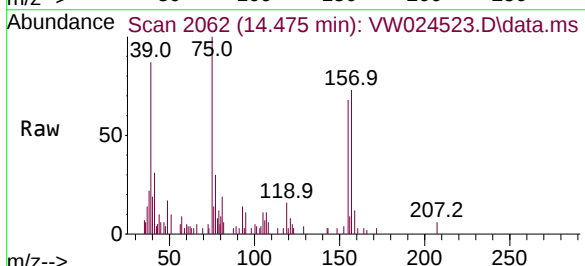
Tgt Ion: 75 Resp: 4018

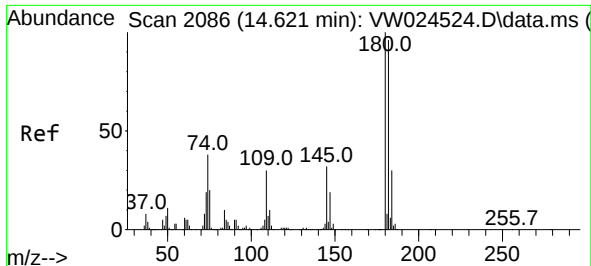
Ion Ratio Lower Upper

75 100

155 68.4 65.8 98.8

157 73.1 82.2 123.4#

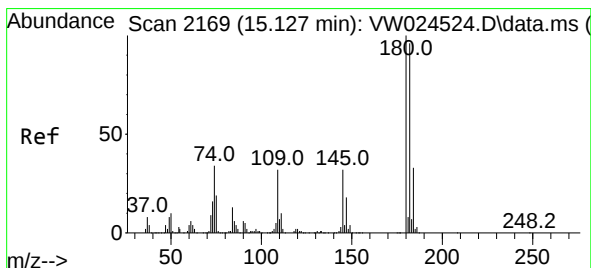
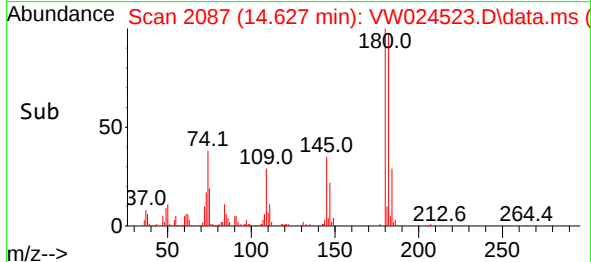
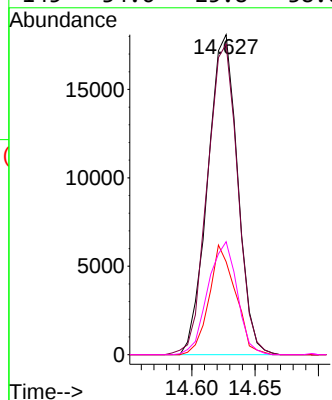
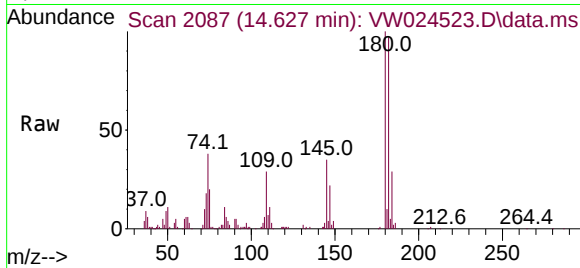




#69
1,3,5-Trichlorobenzene
Concen: 4.628 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

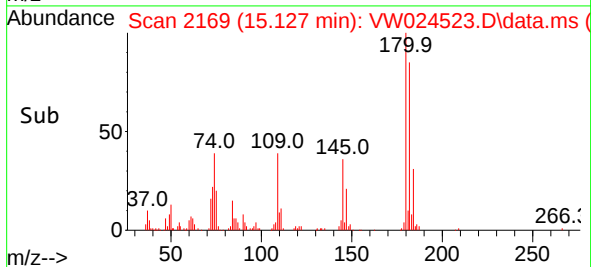
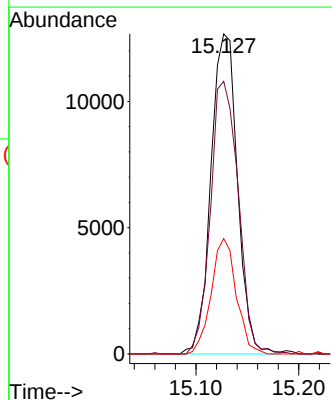
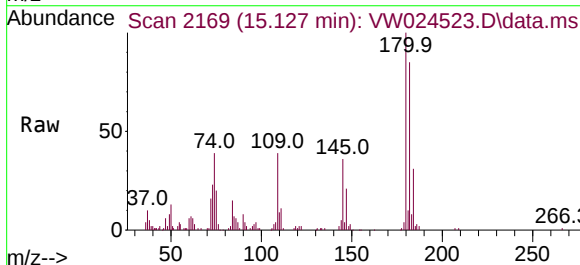
Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

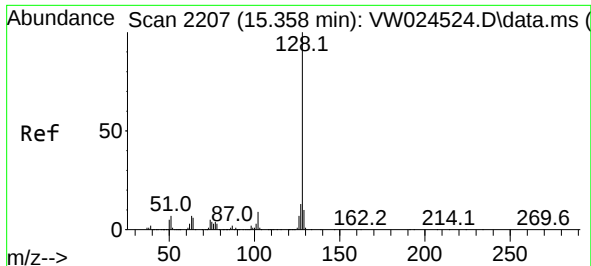
Tgt Ion:	180	Resp:	29767
Ion Ratio	Lower	Upper	
180	100		
182	98.1	75.0	112.4
184	30.2	23.7	35.5
145	34.6	25.8	38.6



#70
1,2,4-trichlorobenzene
Concen: 4.625 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion:	180	Resp:	22745
Ion Ratio	Lower	Upper	
180	100		
182	89.1	76.2	114.2
145	34.1	26.6	40.0

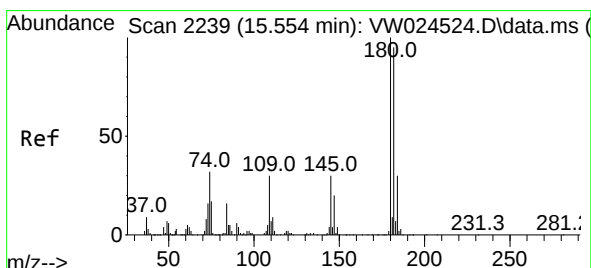
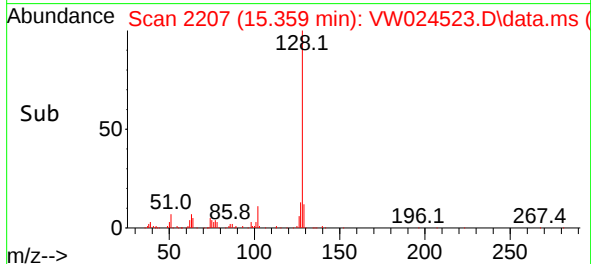
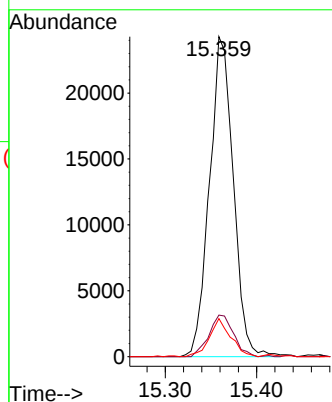
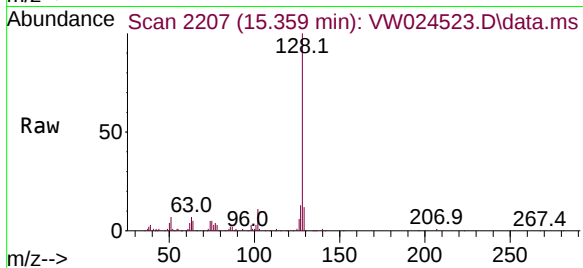




#71
Naphthalene
Concen: 4.234 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD005426

Tgt Ion:	128	Resp:	44028
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.6	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 4.571 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024523.D
Acq: 02 Sep 2022 09:59

Tgt Ion:	180	Resp:	20275
Ion Ratio	Lower	Upper	
180	100		
182	95.5	78.5	117.7
145	39.3	28.3	42.5

