

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024525.D
 Acq On : 02 Sep 2022 10:48
 Operator : SY/VA
 Sample : VSTD05028
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050428

Quant Time: Sep 02 23:34:00 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	371567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	369657	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	367194	49.514	ug/L	0.00
7) Chloroethane-d5	2.873	69	278674	50.471	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	423049	48.437	ug/L	0.00
21) 2-Butanone-d5	7.080	46	100896	85.140	ug/L	0.00
24) Chloroform-d	7.647	84	467592	47.260	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	241443	45.186	ug/L	0.00
32) Benzene-d6	8.269	84	942194	48.861	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	264928	46.954	ug/L	0.00
41) Toluene-d8	10.323	98	906761	49.378	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	118980	48.339	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	90508	93.648	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	229008	44.646	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	305271	46.994	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	52209	51.461	ug/L	100
3) Chloromethane	2.215	50	232990	45.033	ug/L	98
5) Vinyl chloride	2.355	62	394644	43.135	ug/L	99
6) Bromomethane	2.770	94	271623	43.607	ug/L	96
8) Chloroethane	2.910	64	222016	45.715	ug/L	98
9) Trichlorofluoromethane	3.239	101	148259	42.787	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	231306	44.521	ug/L	98
12) 1,1-Dichloroethene	4.032	96	208484	45.521	ug/L	95
13) Acetone	4.117	43	66670	73.254	ug/L	77
14) Carbon disulfide	4.373	76	564912	44.783	ug/L	99
15) Methyl Acetate	4.666	43	90039	43.514	ug/L	97
16) Methylene chloride	4.909	84	222862	42.370	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	231697	45.527	ug/L	93
18) Methyl tert-butyl Ether	5.422	73	420298	47.675	ug/L	99
19) 1,1-Dichloroethane	6.208	63	417359	45.285	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	258868	46.728	ug/L #	98
22) 2-Butanone	7.165	43	127370	86.170	ug/L	99
23) Bromochloromethane	7.513	128	116693	45.402	ug/L	93
25) Chloroform	7.677	83	462694	45.727	ug/L	100
27) 1,2-Dichloroethane	8.397	62	298182	44.864	ug/L	99
29) Cyclohexane	7.952	56	367708	47.909	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	389528	46.586	ug/L	97
31) Carbon tetrachloride	8.061	117	348839	46.011	ug/L	98
33) Benzene	8.317	78	1008276	45.869	ug/L	100
34) Trichloroethene	9.085	95	269173	46.133	ug/L	97
35) Methylcyclohexane	9.335	83	444136	48.102	ug/L	97
37) 1,2-Dichloropropane	9.366	63	240380	45.381	ug/L	100
38) Bromodichloromethane	9.640	83	352478	47.076	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	391108	49.043	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	300616	91.257	ug/L	100
42) Toluene	10.384	91	1130041	47.210	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	347194	48.535	ug/L	99

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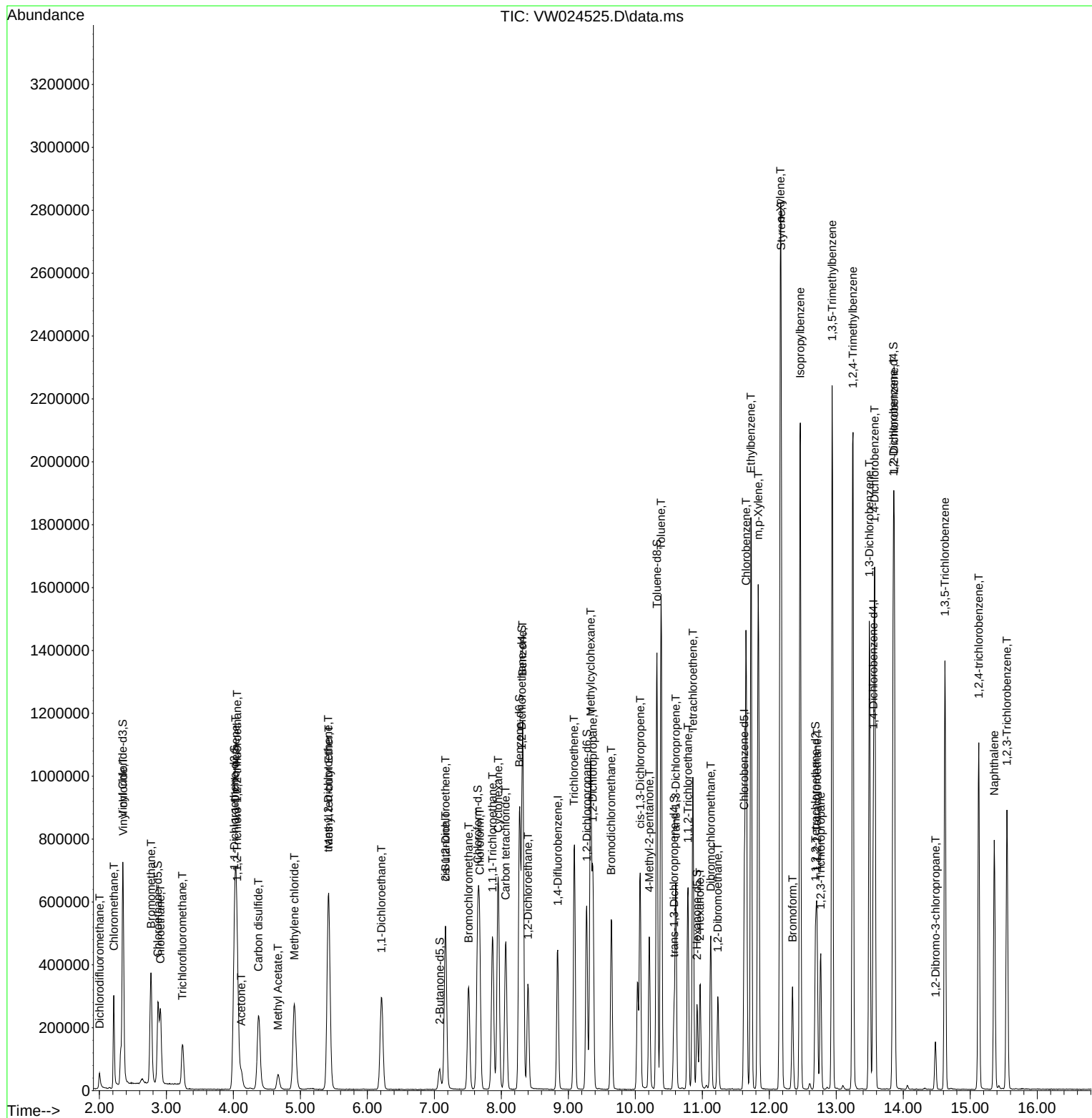
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	197591	44.678	ug/L	97
46) Tetrachloroethene	10.860	164	199419	46.768	ug/L	92
48) 2-Hexanone	10.963	43	210723	98.172	ug/L	99
49) Dibromochloromethane	11.128	129	249991	48.108	ug/L	93
50) 1,2-Dibromoethane	11.231	107	190105	45.389	ug/L	97
51) Chlorobenzene	11.652	112	755328	46.499	ug/L	97
52) Ethylbenzene	11.725	91	1297165	48.411	ug/L	98
53) m,p-Xylene	11.835	106	510499	48.719	ug/L	96
54) o-Xylene	12.164	106	498673	49.713	ug/L	92
55) Styrene	12.176	104	870823	49.978	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	243302	44.455	ug/L	100
59) Bromoform	12.347	173	132364	45.913	ug/L	98
60) Isopropylbenzene	12.463	105	1370399	48.818	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	173089	43.179	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1157833	49.999	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1144106	50.482	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	593911	47.497	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	580447	45.311	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	550366	47.675	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	37125	40.917	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	393537	48.955	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	311330	50.647	ug/L	100
71) Naphthalene	15.359	128	660389	50.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	277883	50.125	ug/L	98

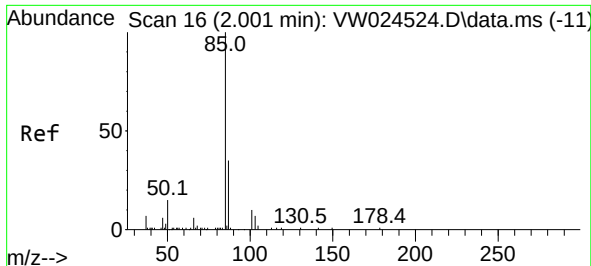
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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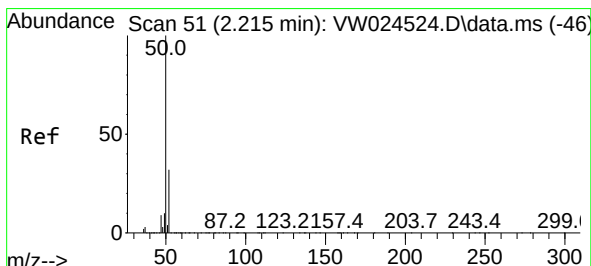
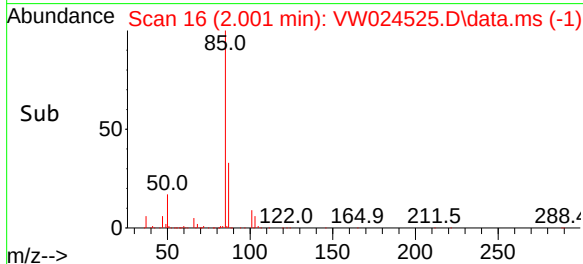
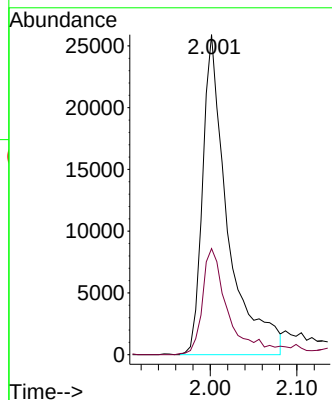
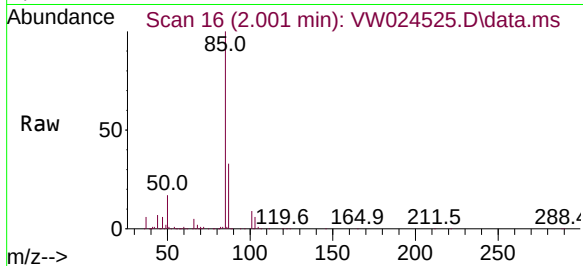




#2
 Dichlorodifluoromethane
 Concen: 51.461 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

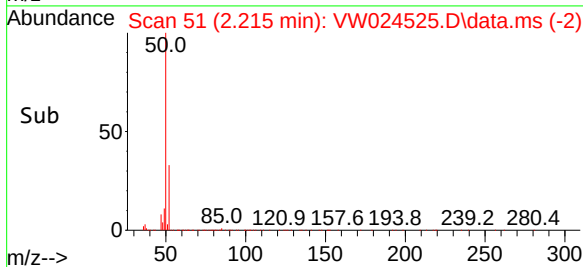
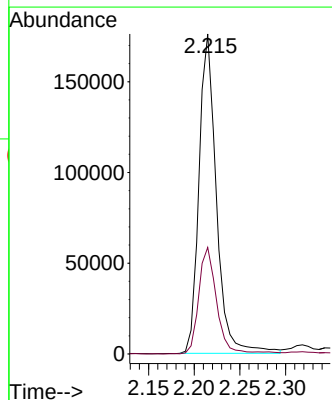
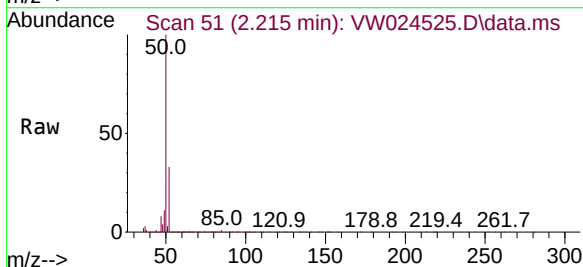
Instrument :
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 ClientSampleId :
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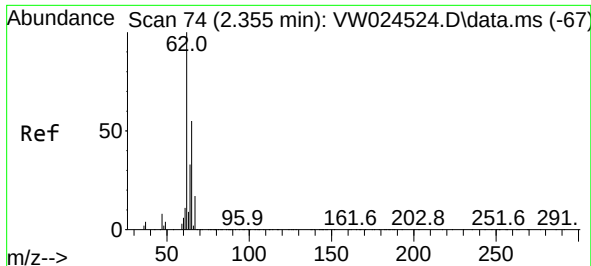
Tgt Ion: 85 Resp: 52209
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.0 37.6



#3
 Chloromethane
 Concen: 45.033 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

Tgt Ion: 50 Resp: 232990
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.1

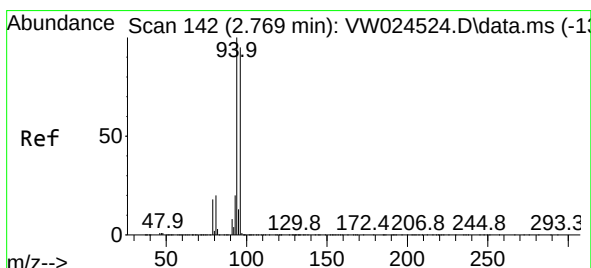
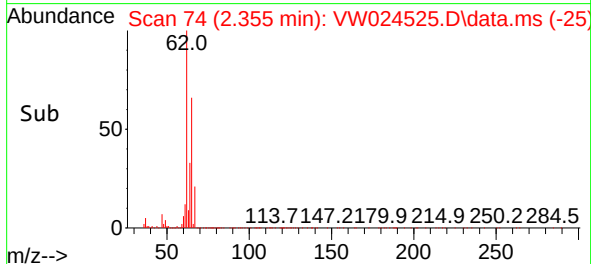
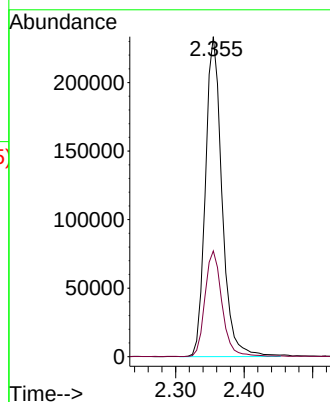
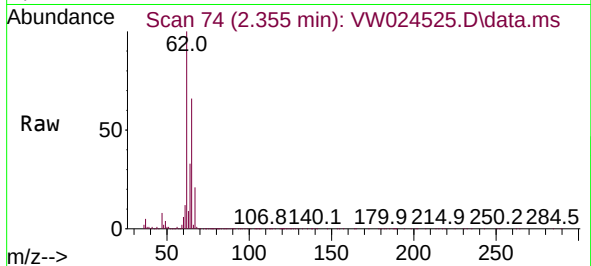




#5
 Vinyl chloride
 Concen: 43.135 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

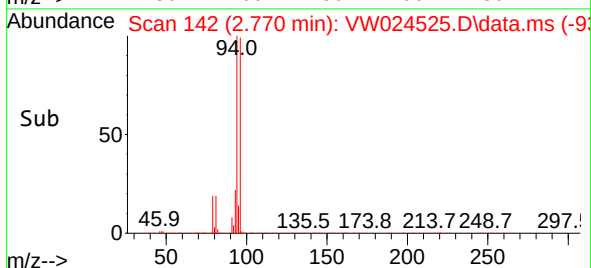
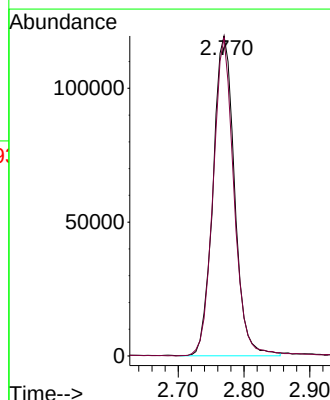
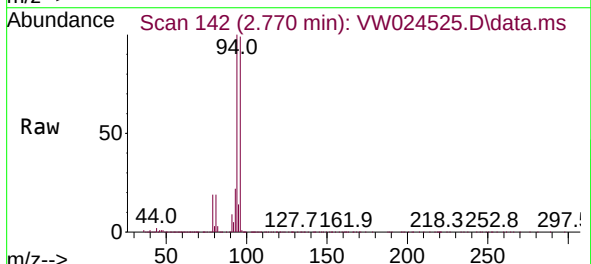
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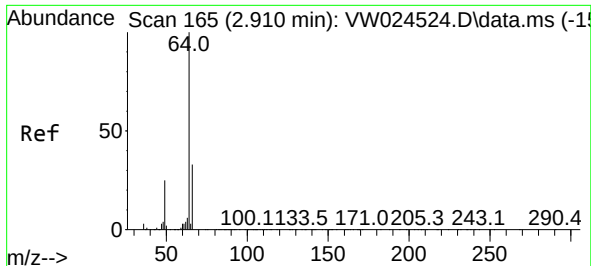
Tgt Ion: 62 Resp: 394644
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 43.607 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

Tgt Ion: 94 Resp: 271623
 Ion Ratio Lower Upper
 94 100
 96 99.4 66.8 124.2

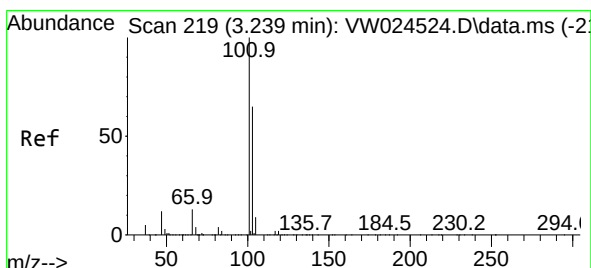
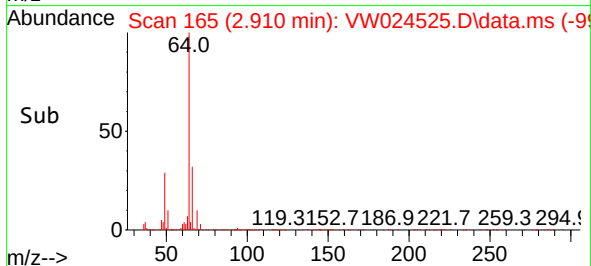
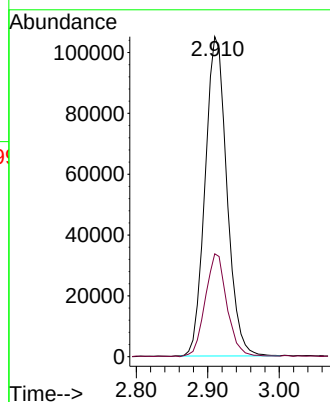
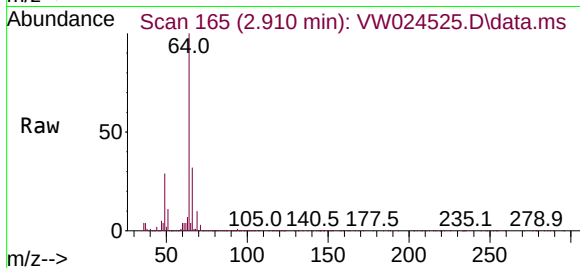




#8
Chloroethane
Concen: 45.715 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

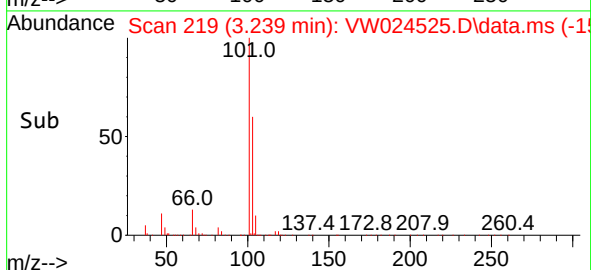
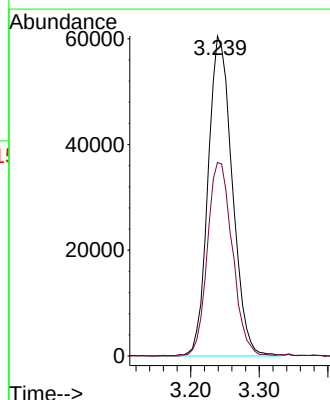
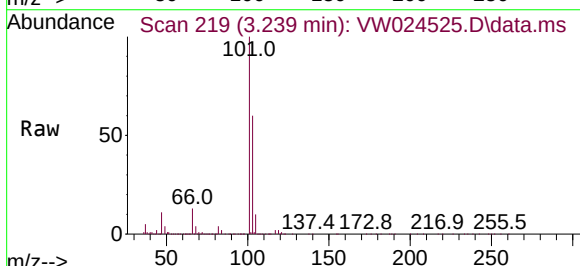
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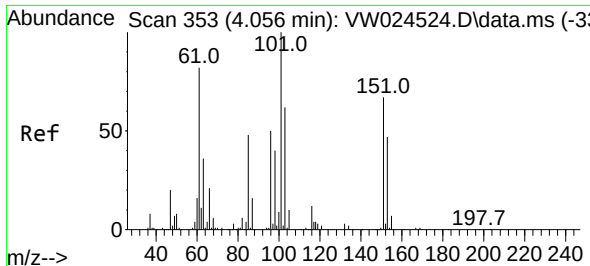
Tgt Ion: 64 Resp: 222016
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 42.787 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 101 Resp: 148259
Ion Ratio Lower Upper
101 100
103 62.2 51.8 77.6

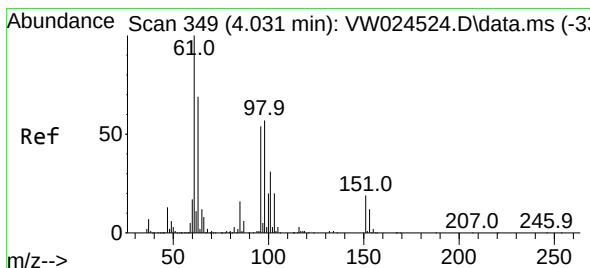
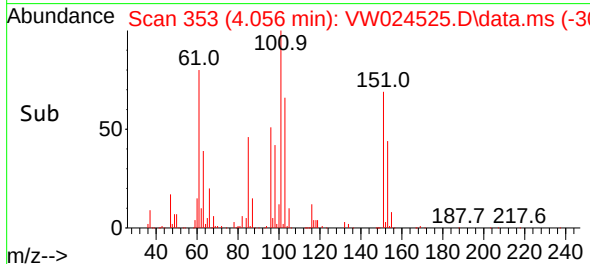
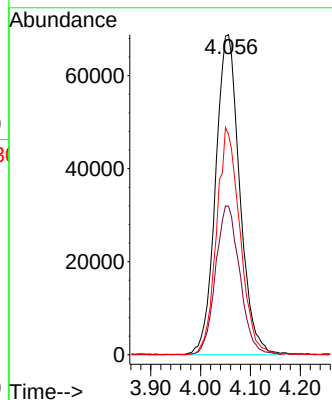
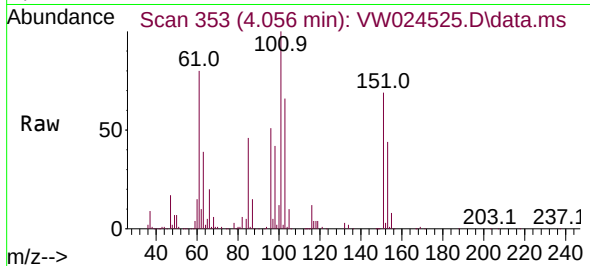




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.521 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

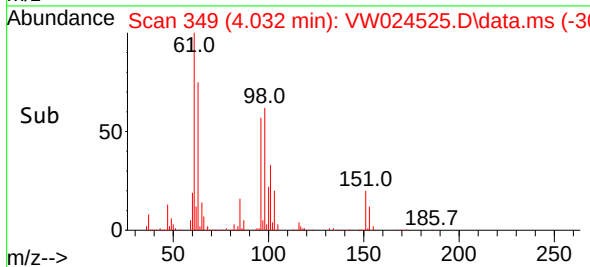
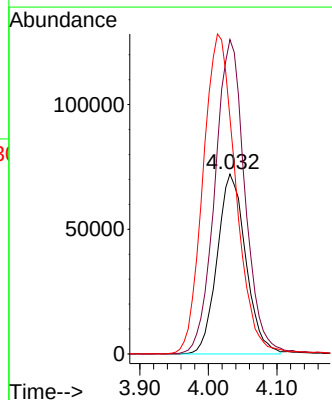
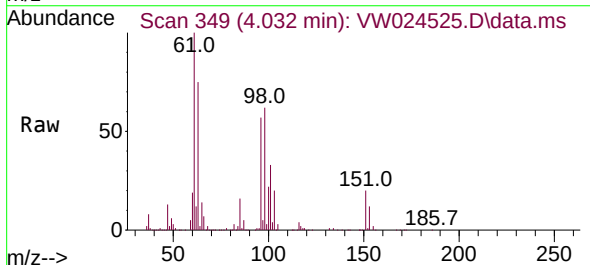
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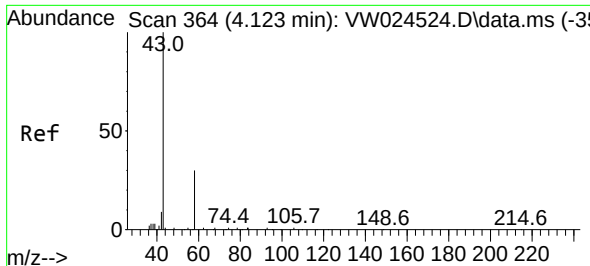
Tgt Ion:101 Resp: 231306
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.1 55.7
 151 68.9 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 45.521 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

Tgt Ion: 96 Resp: 208484
 Ion Ratio Lower Upper
 96 100
 61 174.8 129.1 239.8
 63 131.3 90.2 167.4

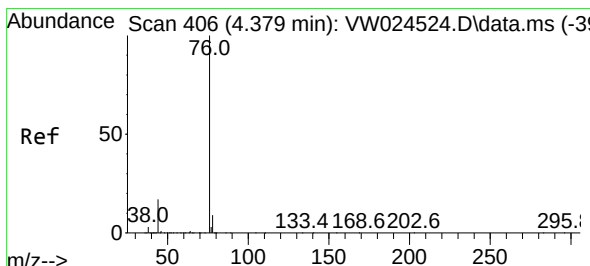
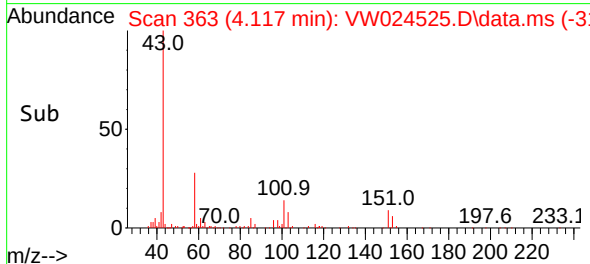
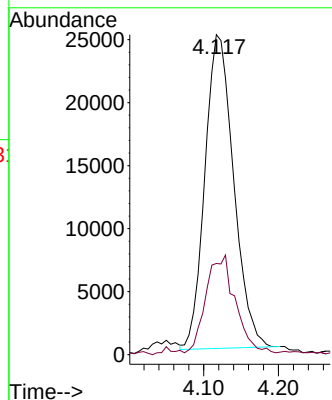
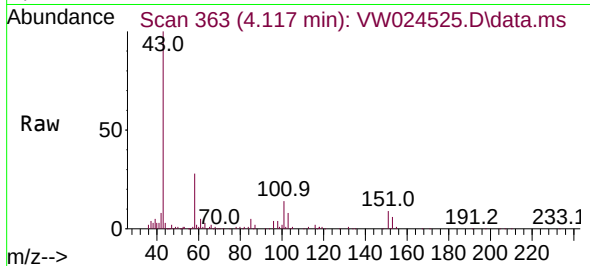




#13
Acetone
Concen: 73.254 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
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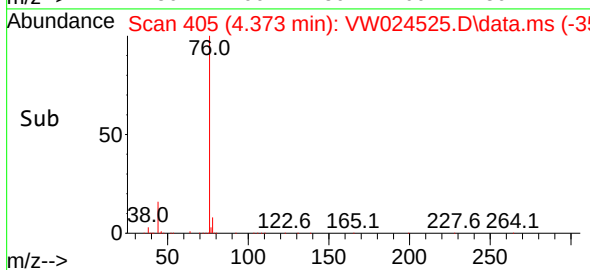
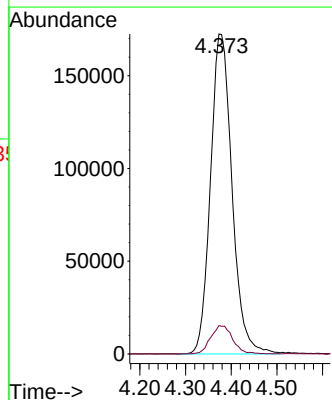
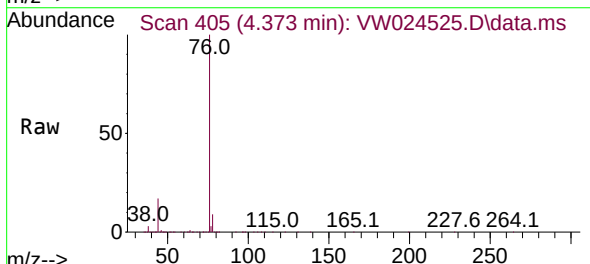
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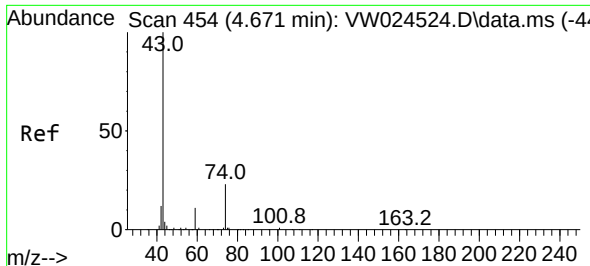
Tgt Ion: 43 Resp: 66670
Ion Ratio Lower Upper
43 100
58 17.7 0.0 59.8



#14
Carbon disulfide
Concen: 44.783 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 564912
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

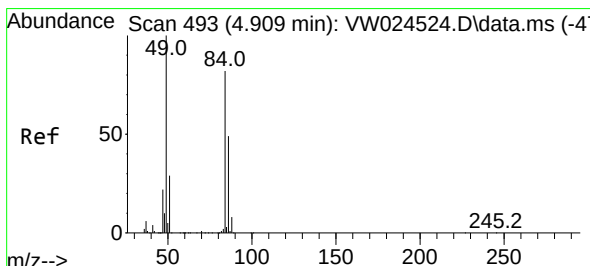
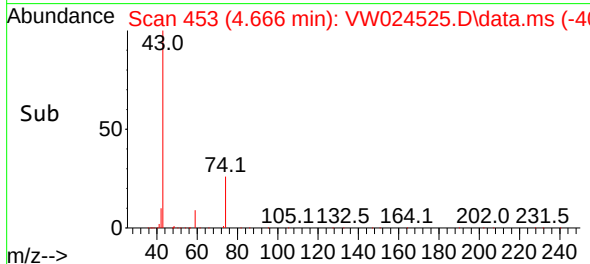
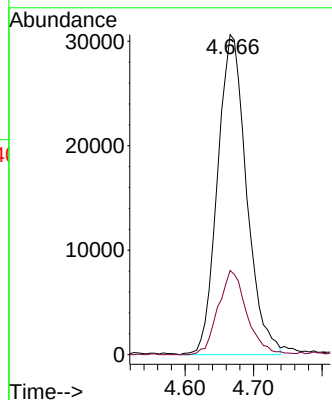
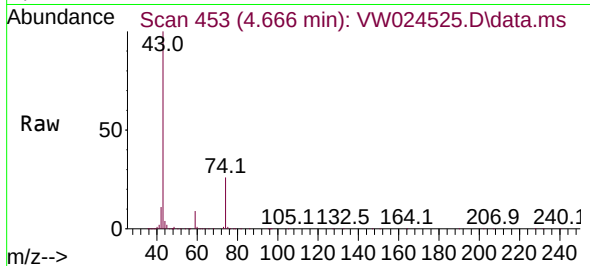




#15
Methyl Acetate
Concen: 43.514 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

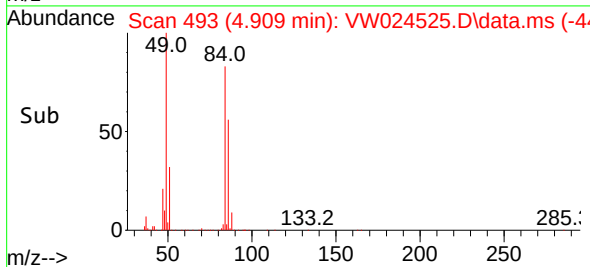
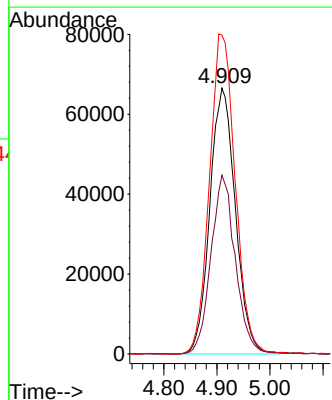
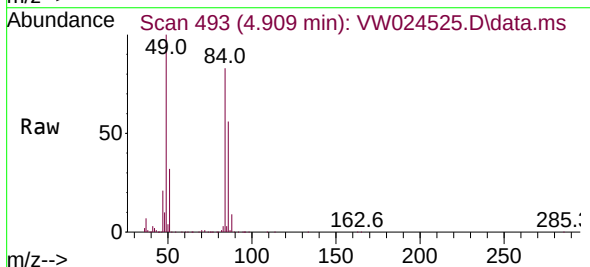
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

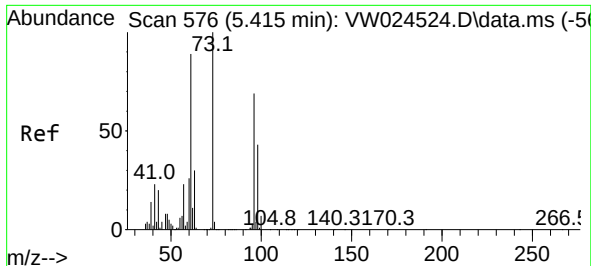
Tgt Ion: 43 Resp: 90039
Ion Ratio Lower Upper
43 100
74 26.0 19.5 29.3



#16
Methylene chloride
Concen: 42.370 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 84 Resp: 222862
Ion Ratio Lower Upper
84 100
86 67.3 42.1 78.1
49 120.0 85.5 158.9

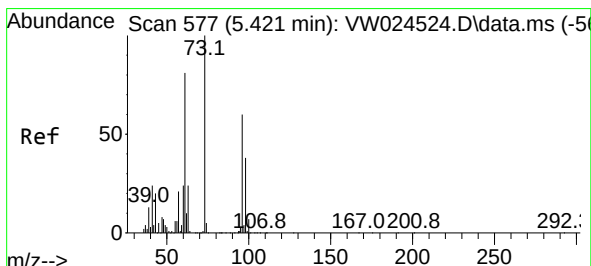
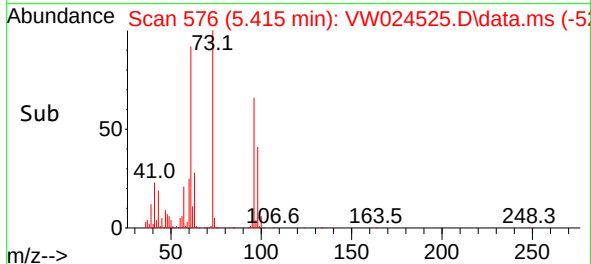
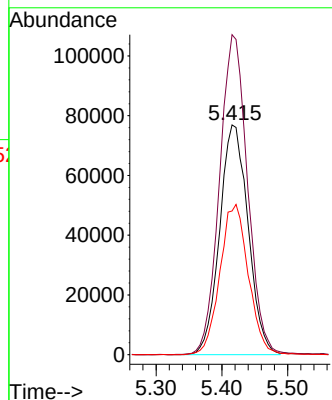
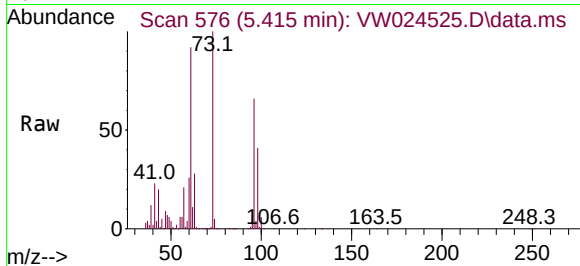




#17
trans-1,2-Dichloroethene
Concen: 45.527 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

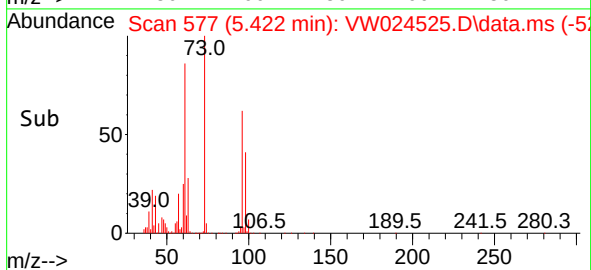
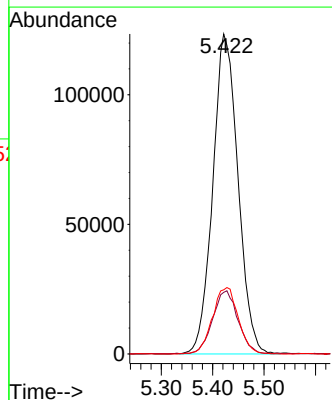
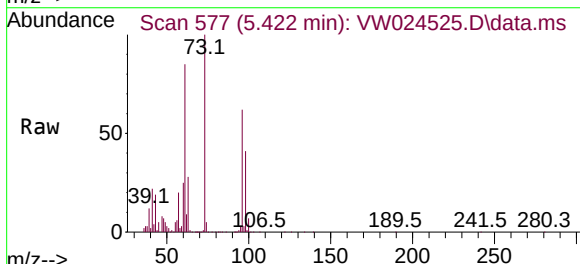
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

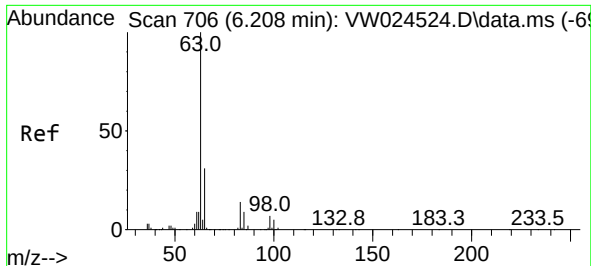
Tgt Ion: 96 Resp: 231697
Ion Ratio Lower Upper
96 100
61 139.2 90.0 167.2
98 62.5 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 47.675 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 73 Resp: 420298
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 45.285 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD050428

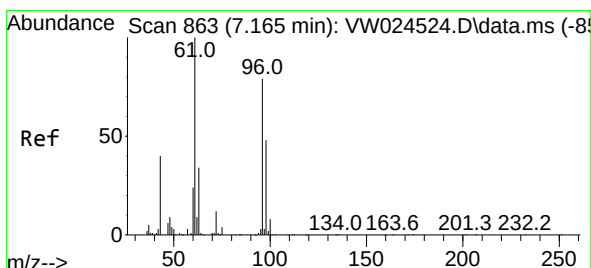
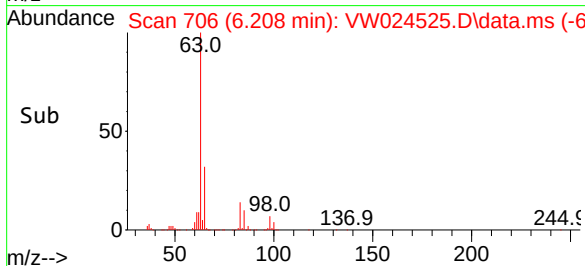
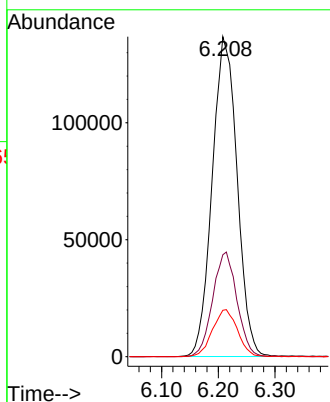
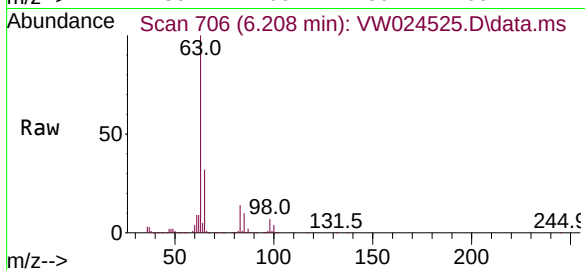
Tgt Ion: 63 Resp: 417359

Ion Ratio Lower Upper

63 100

65 31.9 21.5 39.9

83 14.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 46.728 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

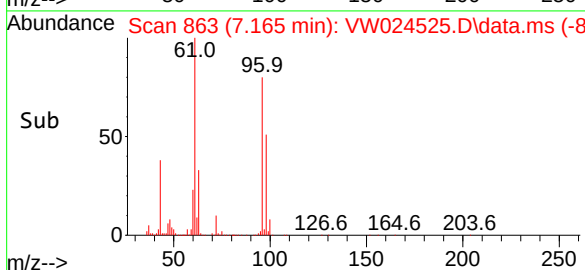
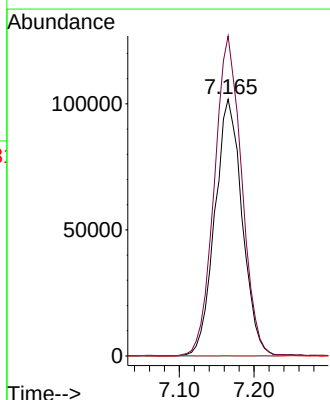
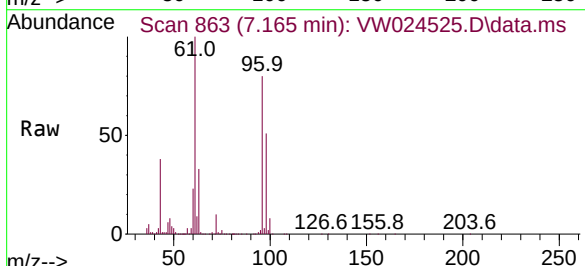
Tgt Ion: 96 Resp: 258868

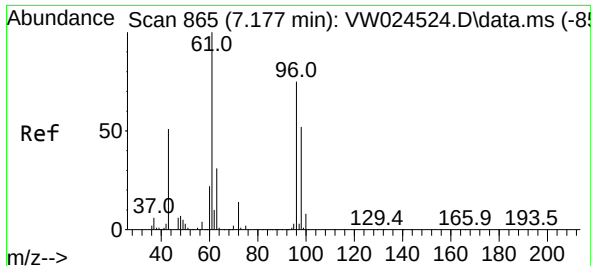
Ion Ratio Lower Upper

96 100

61 124.6 88.9 165.1

68 0.1 0.0 0.0#

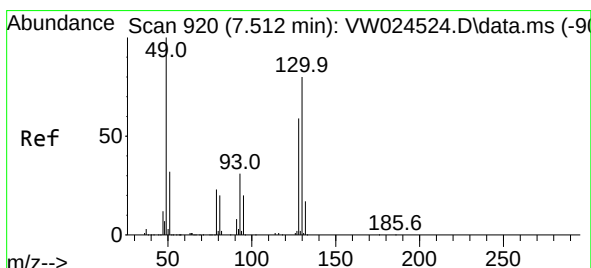
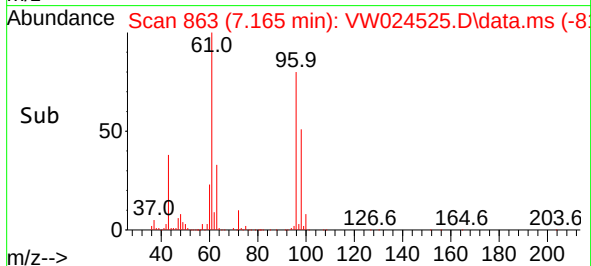
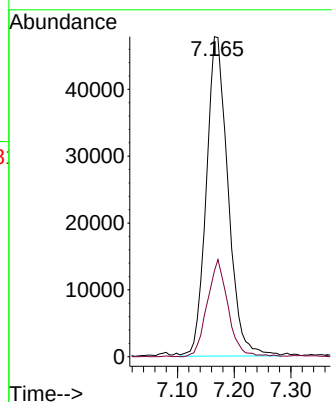
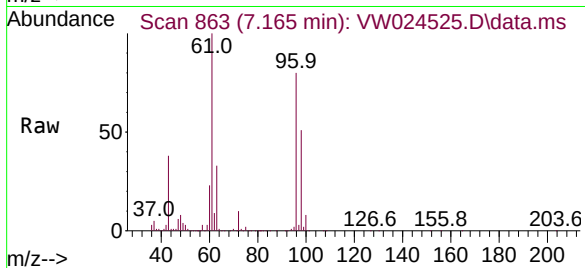




#22
2-Butanone
Concen: 86.170 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

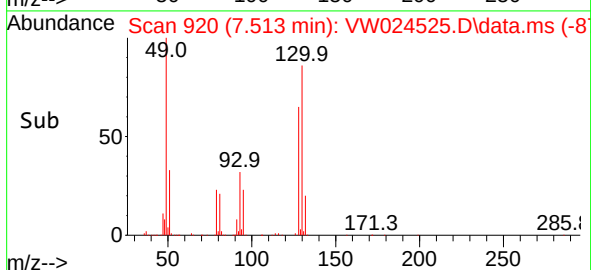
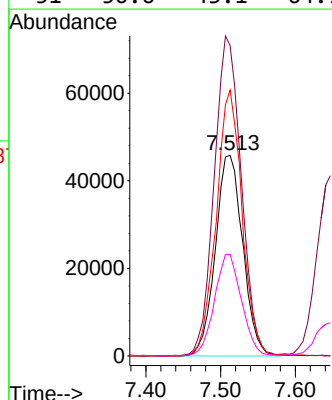
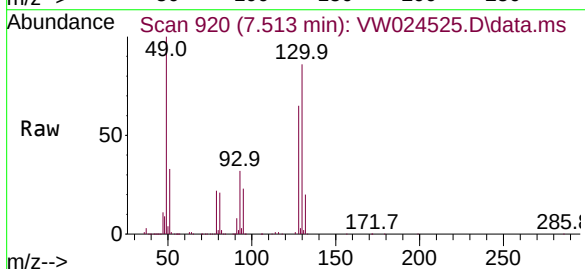
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

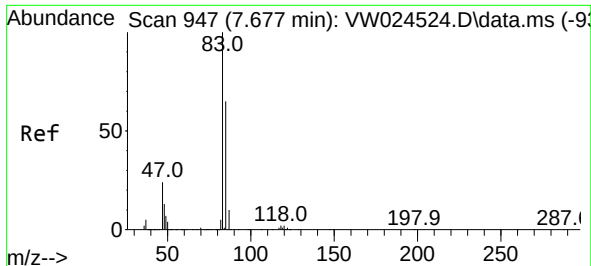
Tgt Ion: 43 Resp: 127370
Ion Ratio Lower Upper
43 100
72 28.5 14.5 43.6



#23
Bromochloromethane
Concen: 45.402 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 128 Resp: 116693
Ion Ratio Lower Upper
128 100
49 154.7 118.2 219.6
130 132.5 94.8 176.2
51 50.6 43.1 64.7

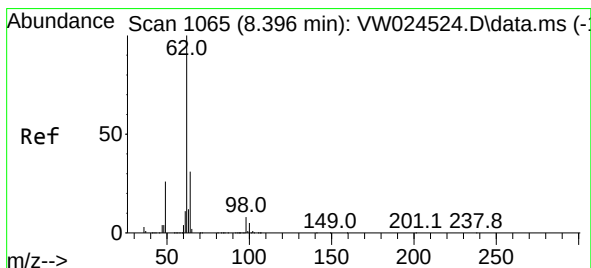
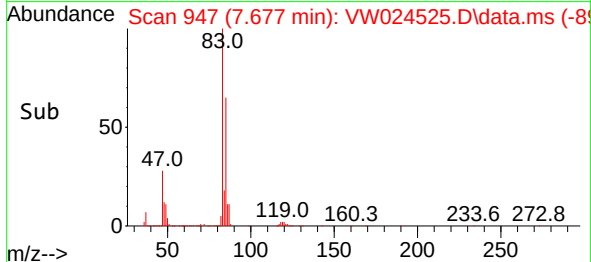
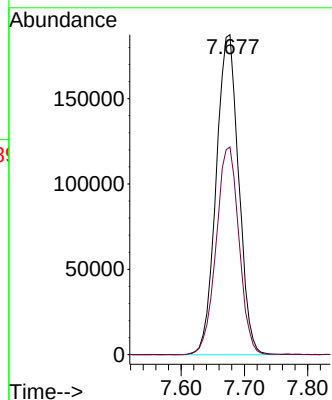
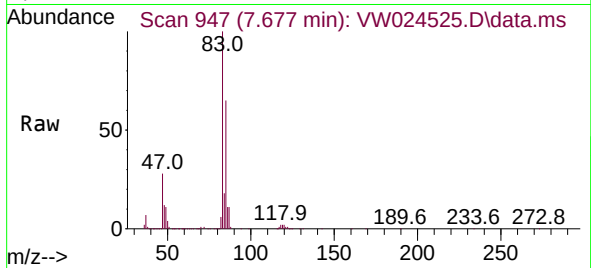




#25
Chloroform
Concen: 45.727 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

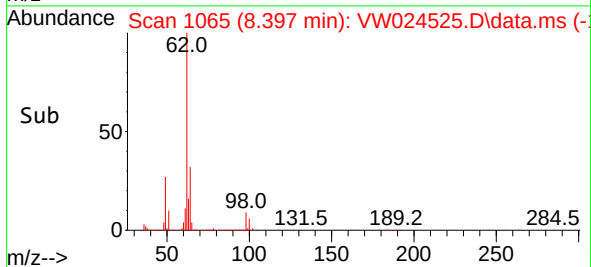
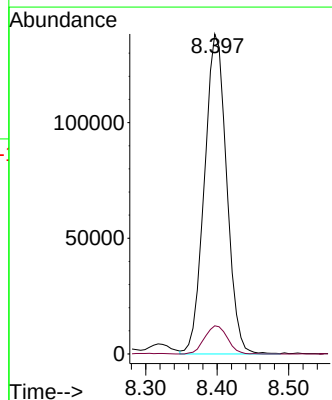
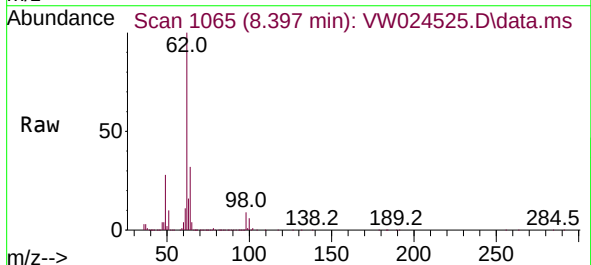
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

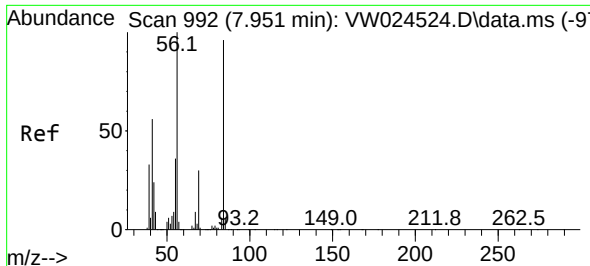
Tgt Ion: 83 Resp: 462694
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 44.864 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 62 Resp: 298182
Ion Ratio Lower Upper
62 100
98 8.8 6.7 10.1





#29

Cyclohexane

Concen: 47.909 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD050428

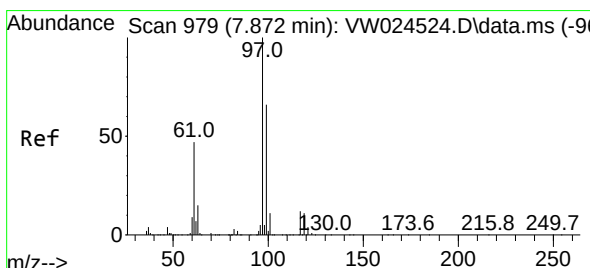
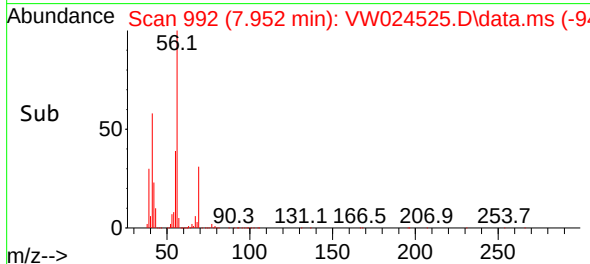
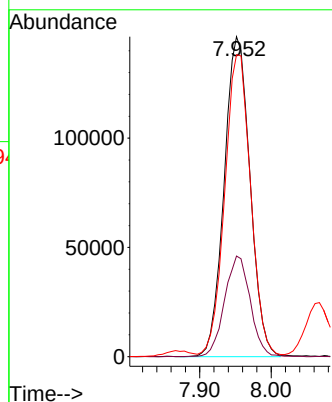
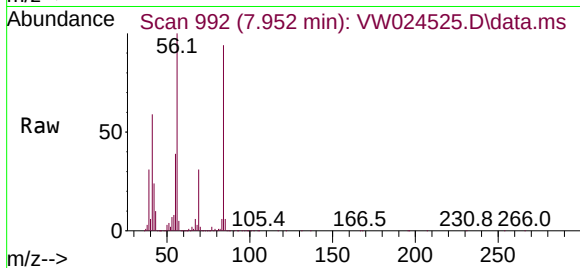
Tgt Ion: 56 Resp: 367708

Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 94.7 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 46.586 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

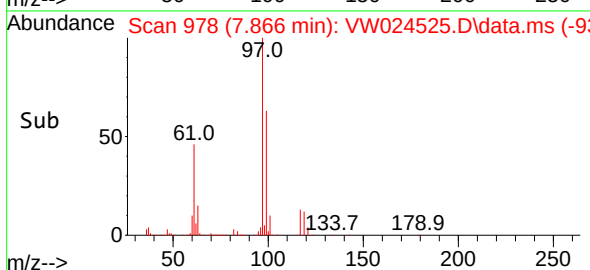
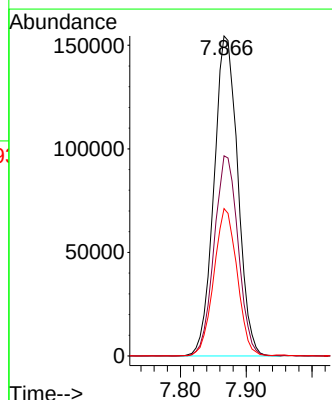
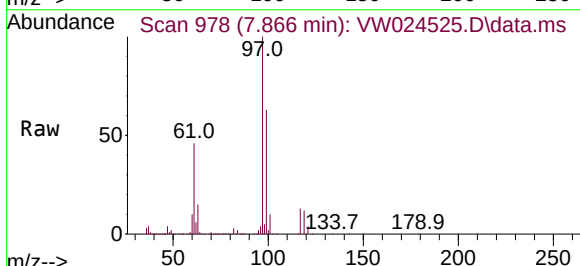
Tgt Ion: 97 Resp: 389528

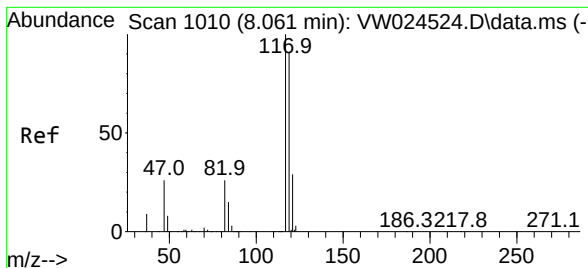
Ion Ratio Lower Upper

97 100

99 63.0 52.5 78.7

61 45.1 37.9 56.9

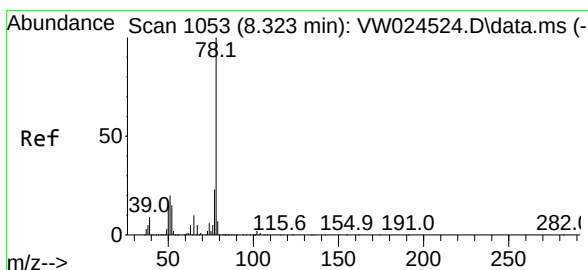
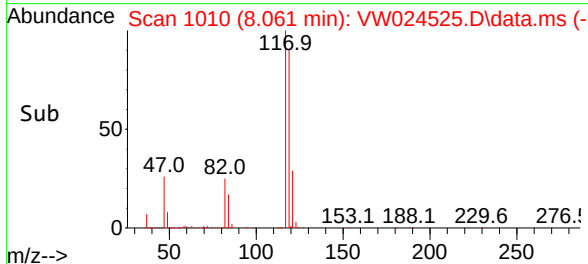
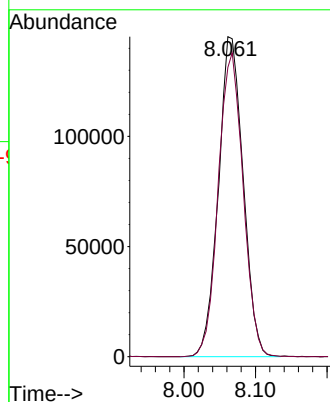
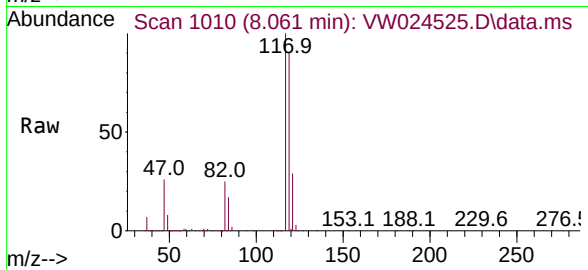




#31
Carbon tetrachloride
Concen: 46.011 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

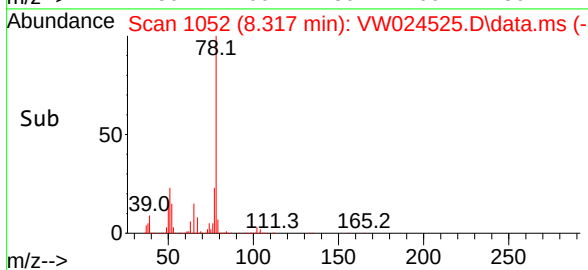
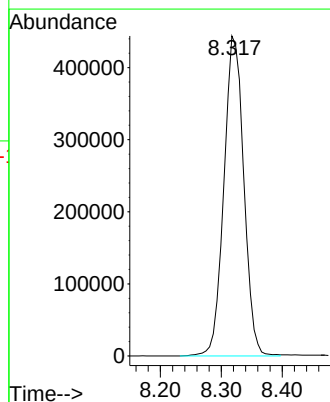
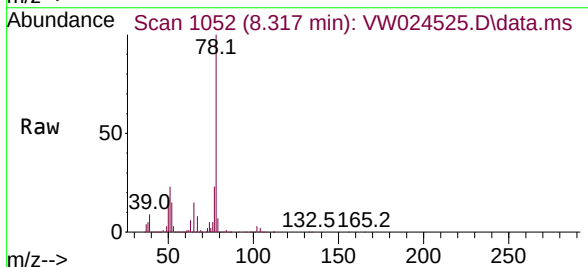
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

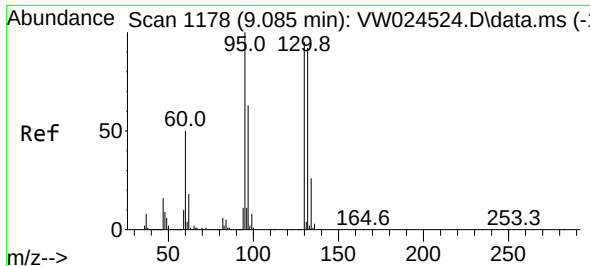
Tgt Ion:117 Resp: 348839
Ion Ratio Lower Upper
117 100
119 95.3 78.1 117.1



#33
Benzene
Concen: 45.869 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 78 Resp: 1008276



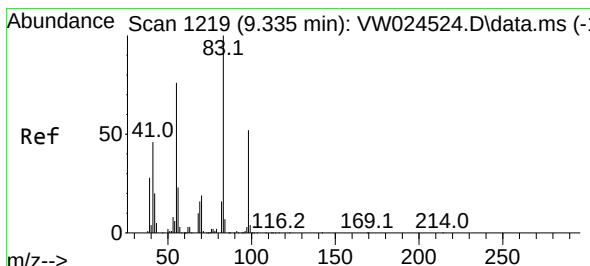
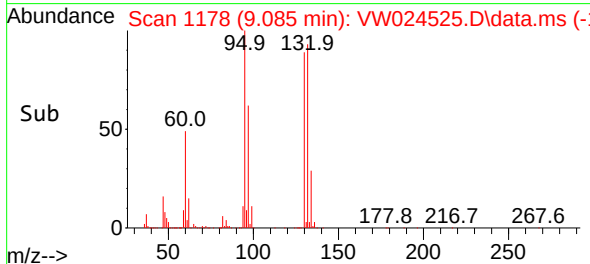
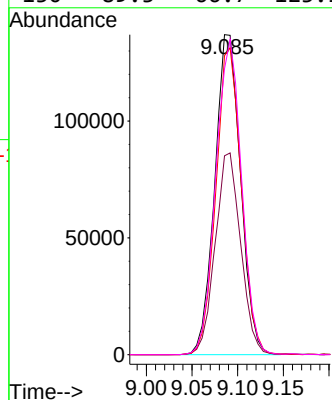
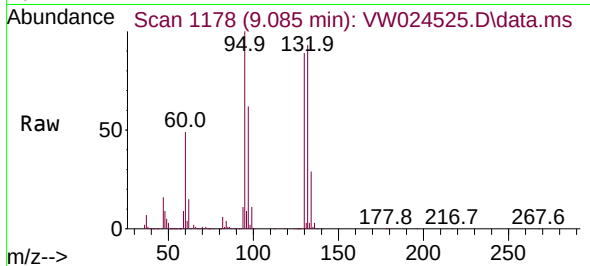


#34
Trichloroethene
Concen: 46.133 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

Tgt Ion: 95 Resp: 269173

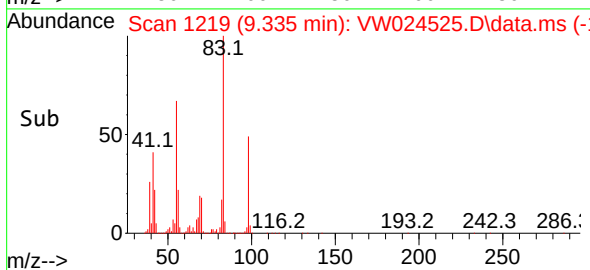
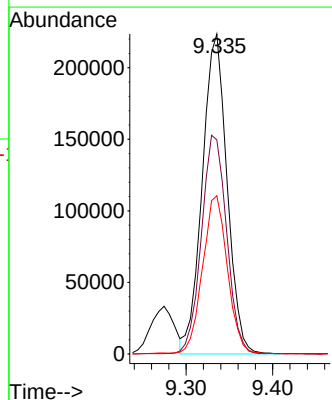
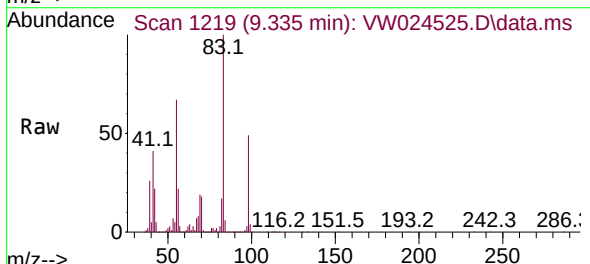
Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.2	82.2
132	93.5	64.5	119.7
130	89.3	66.7	123.9

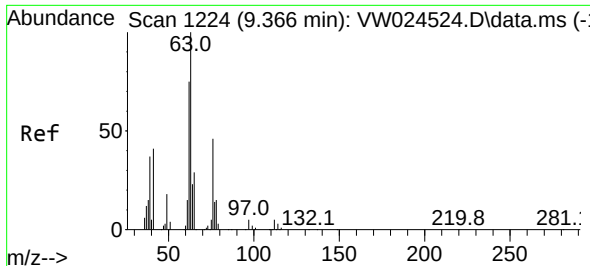


#35
Methylcyclohexane
Concen: 48.102 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 83 Resp: 444136

Ion	Ratio	Lower	Upper
83	100		
55	69.6	58.9	88.3
98	49.7	40.4	60.6

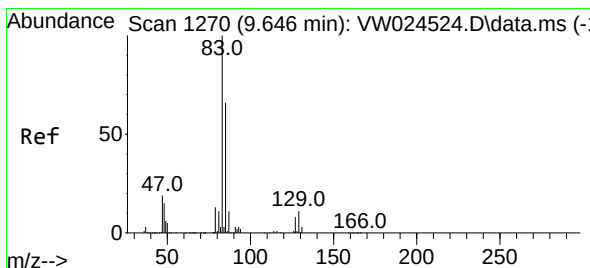
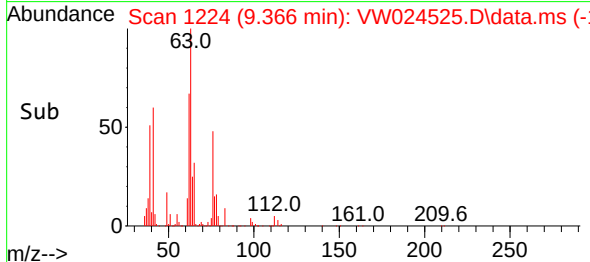
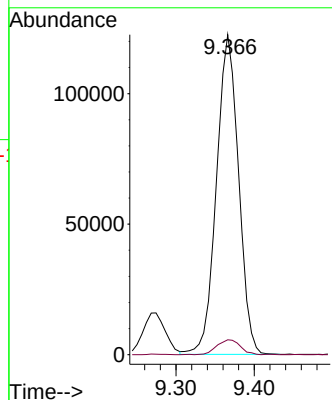
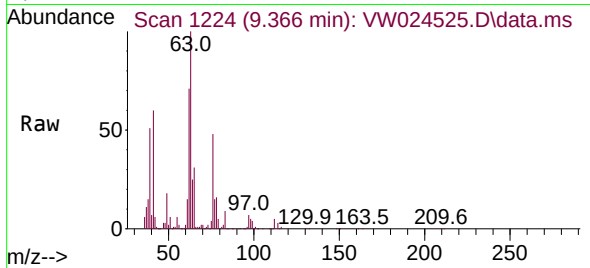




#37
1,2-Dichloropropane
Concen: 45.381 ug/L
RT: 9.366 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

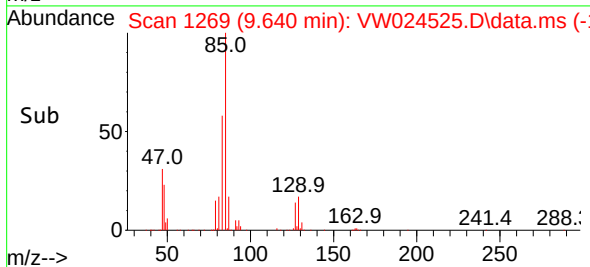
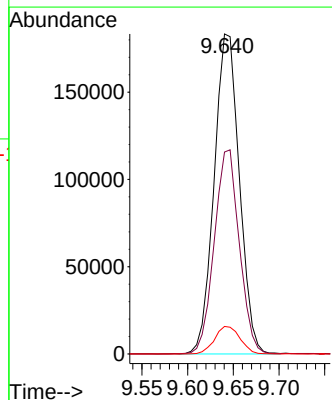
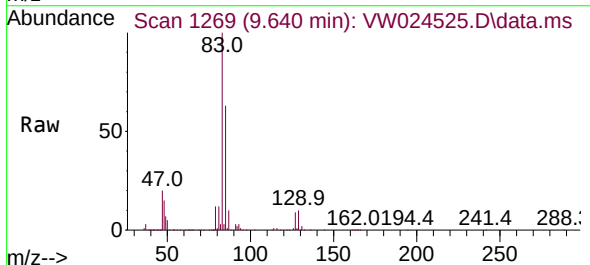
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

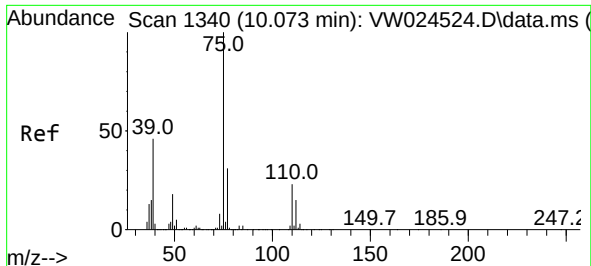
Tgt Ion: 63 Resp: 240380
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 47.076 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 83 Resp: 352478
Ion Ratio Lower Upper
83 100
85 63.1 46.3 85.9
127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 49.043 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

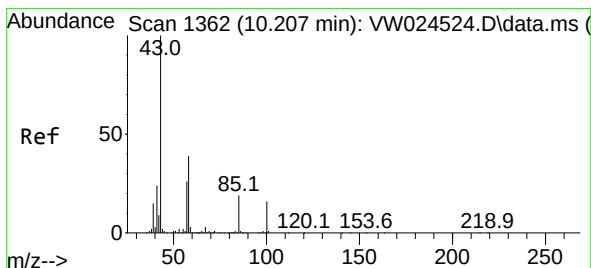
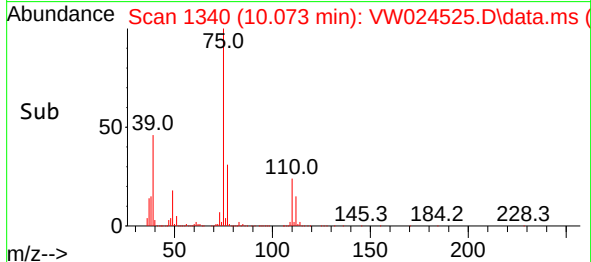
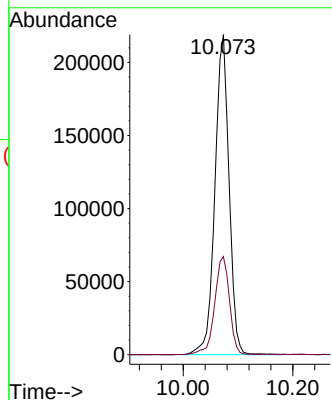
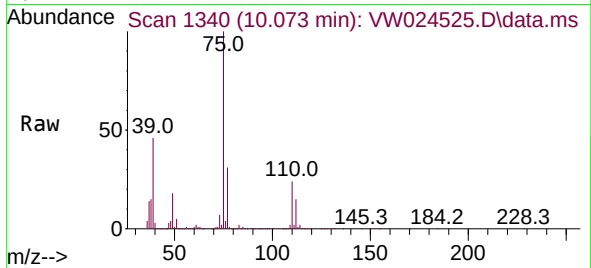
VSTD050428

Tgt Ion: 75 Resp: 391108

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 91.257 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

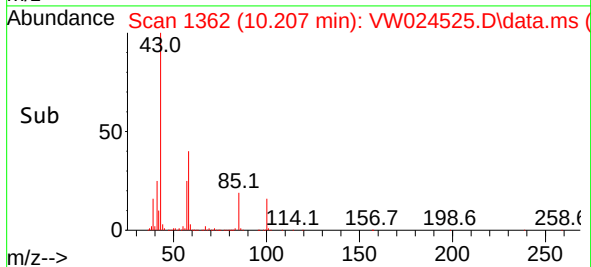
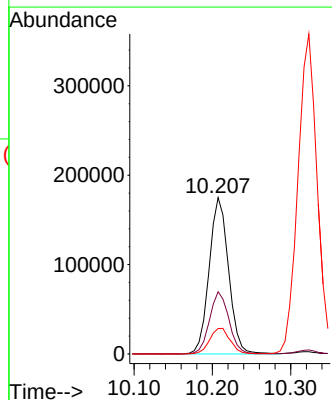
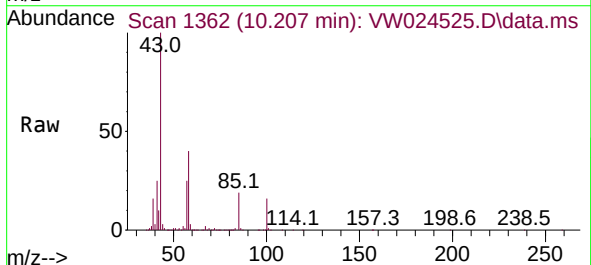
Tgt Ion: 43 Resp: 300616

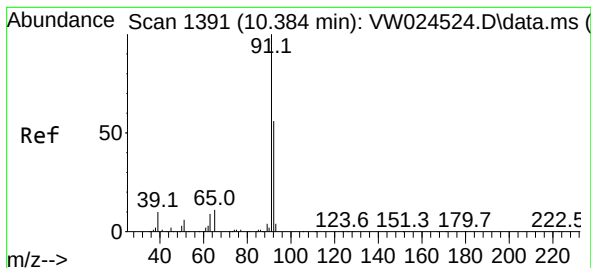
Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.8

100 17.3 13.5 20.3





#42

Toluene

Concen: 47.210 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

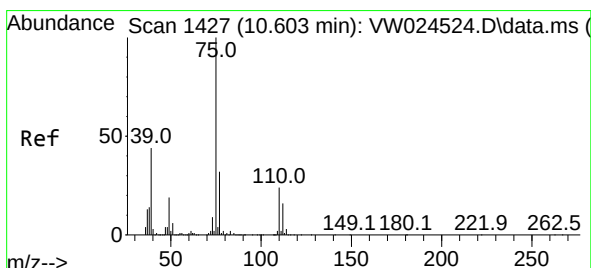
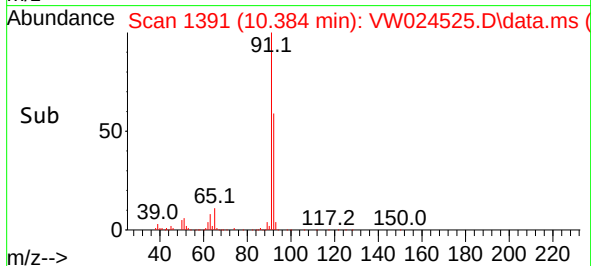
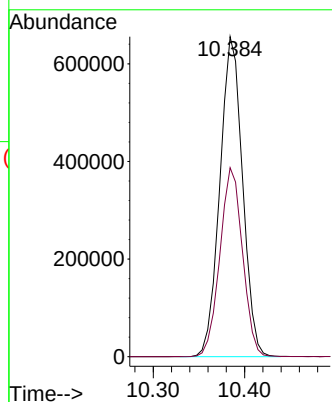
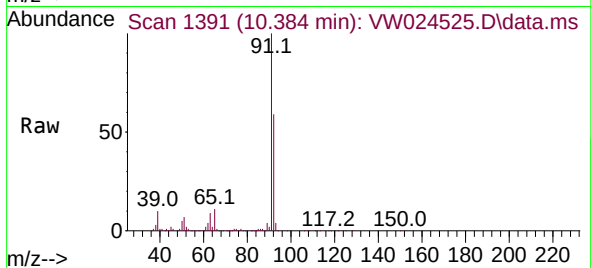
VSTD050428

Tgt Ion: 91 Resp: 1130041

Ion Ratio Lower Upper

91 100

92 59.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 48.535 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024525.D

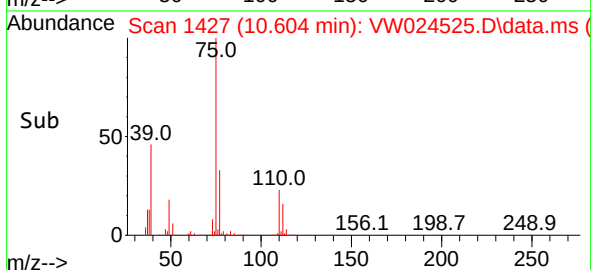
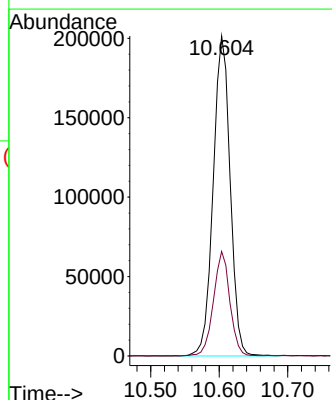
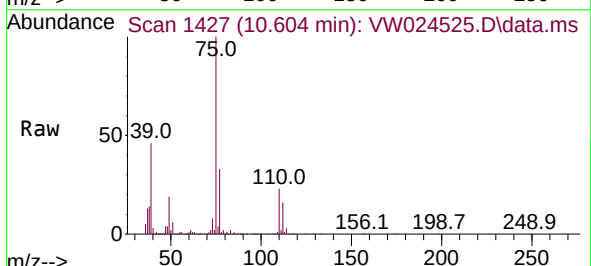
Acq: 02 Sep 2022 10:48

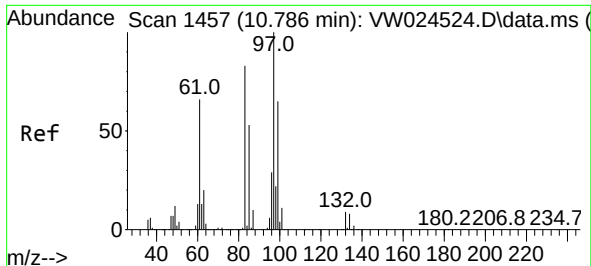
Tgt Ion: 75 Resp: 347194

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.5

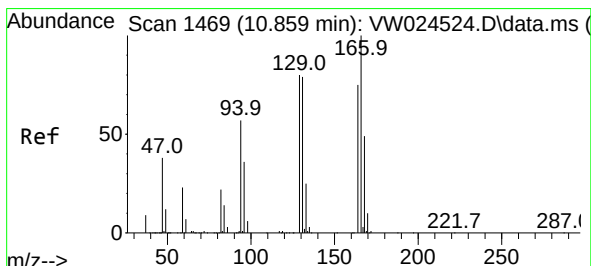
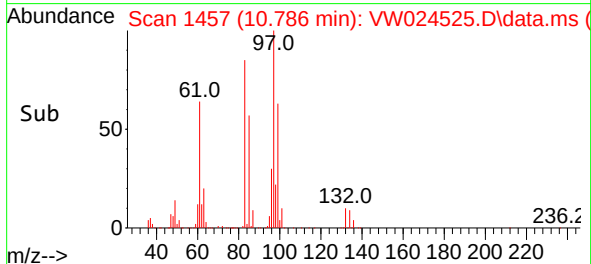
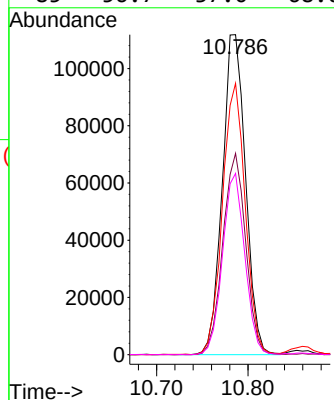
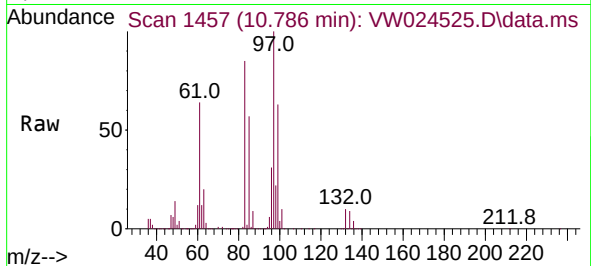




#45
1,1,2-Trichloroethane
Concen: 44.678 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

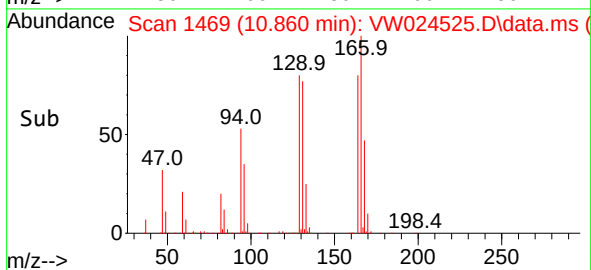
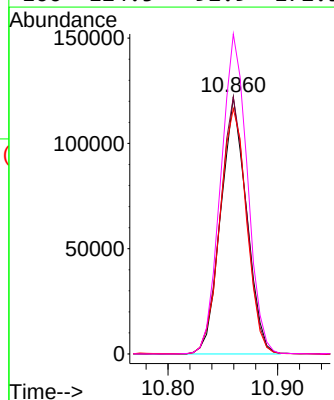
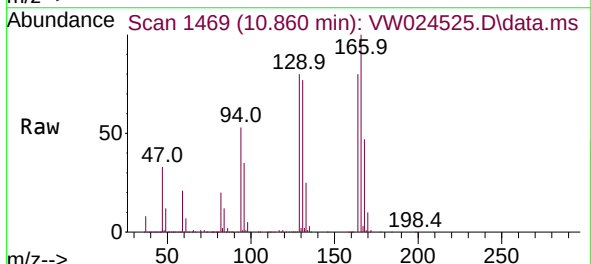
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

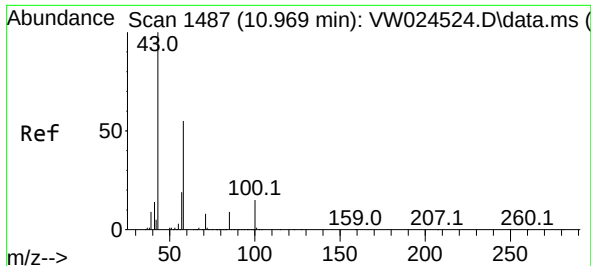
Tgt Ion:	97	Resp:	197591
Ion	Ratio	Lower	Upper
97	100		
99	62.9	45.7	84.9
83	84.8	58.5	108.7
85	56.7	37.0	68.6



#46
Tetrachloroethene
Concen: 46.768 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion:	164	Resp:	199419
Ion	Ratio	Lower	Upper
164	100		
129	99.9	74.9	139.1
131	95.5	73.6	136.6
166	124.5	92.9	172.5

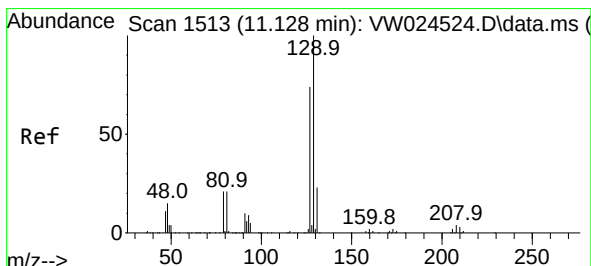
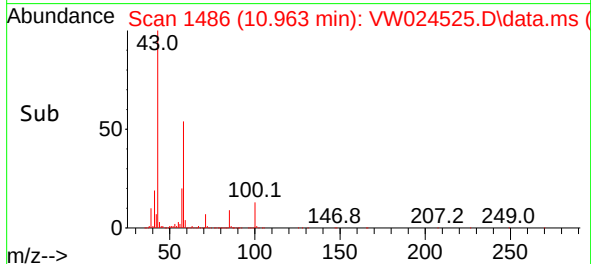
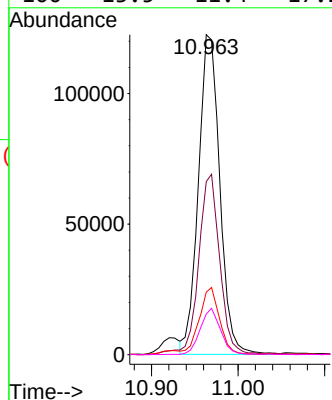
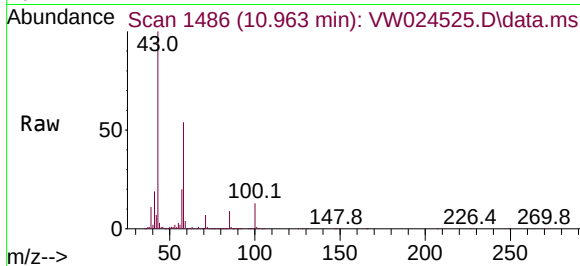




#48
2-Hexanone
Concen: 98.172 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

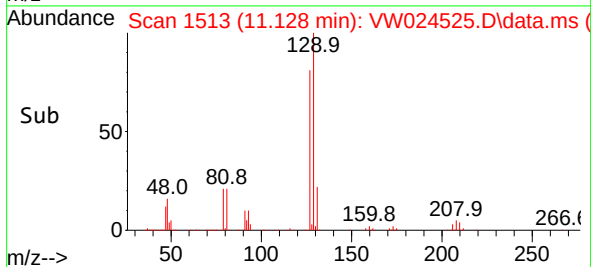
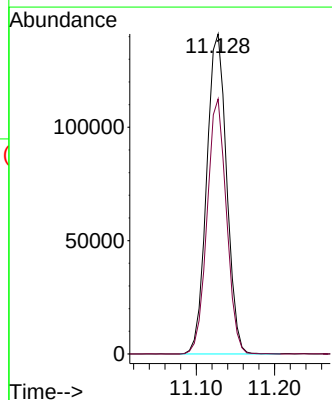
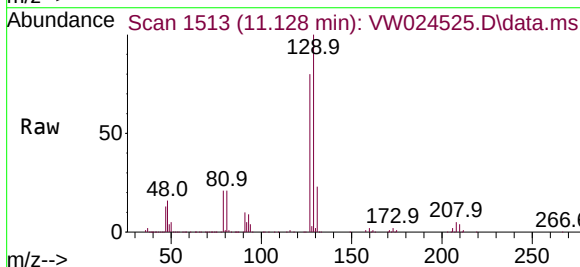
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

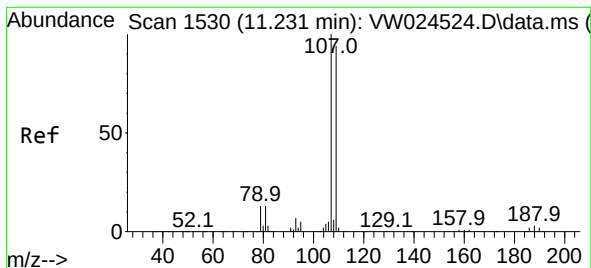
Tgt Ion: 43 Resp: 210723
Ion Ratio Lower Upper
43 100
58 55.8 44.2 66.2
57 20.0 15.5 23.3
100 13.5 11.4 17.2



#49
Dibromochloromethane
Concen: 48.108 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 129 Resp: 249991
Ion Ratio Lower Upper
129 100
127 79.7 51.7 96.1

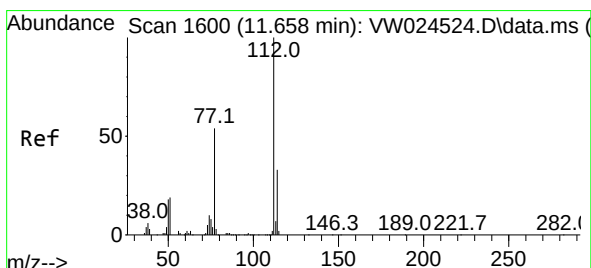
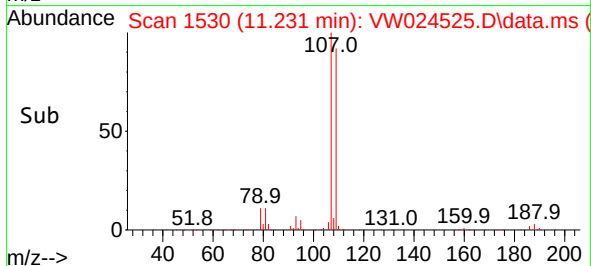
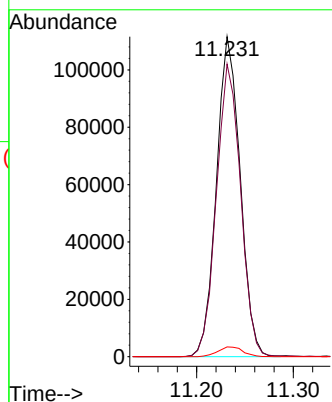
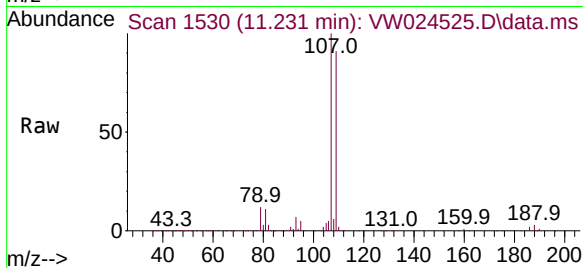




#50
1,2-Dibromoethane
Concen: 45.389 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

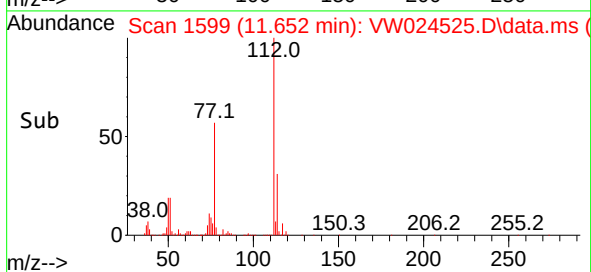
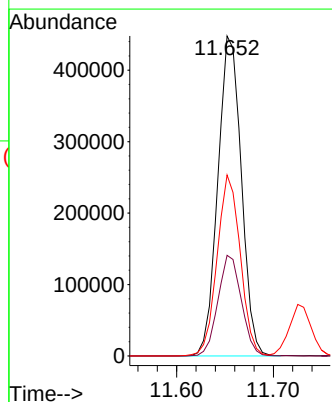
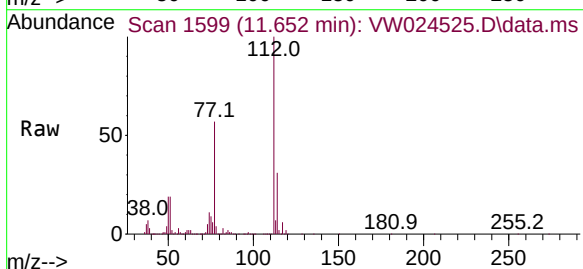
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

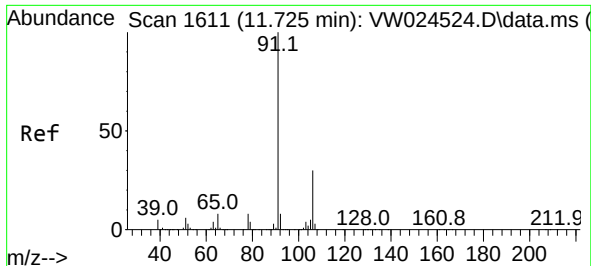
Tgt Ion:107 Resp: 190105
Ion Ratio Lower Upper
107 100
109 91.5 65.9 122.5
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 46.499 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion:112 Resp: 755328
Ion Ratio Lower Upper
112 100
114 31.5 22.9 42.5
77 56.6 43.5 65.3

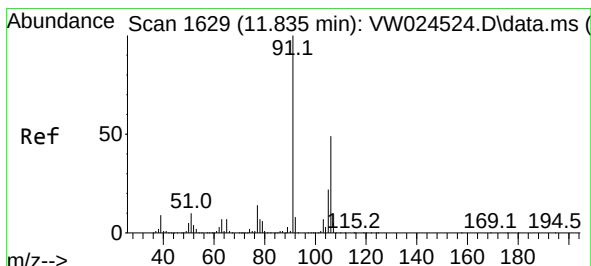
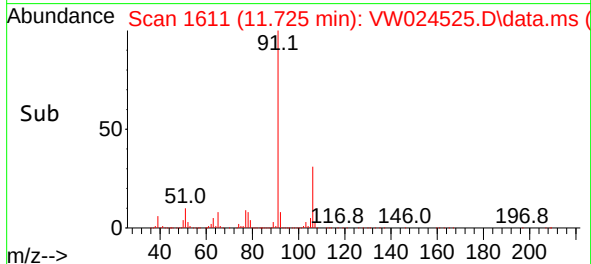
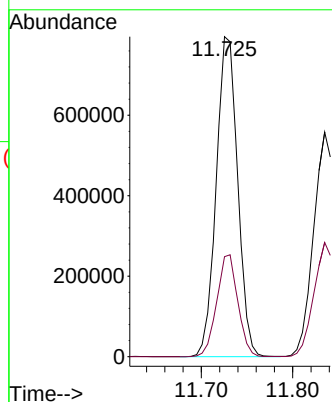
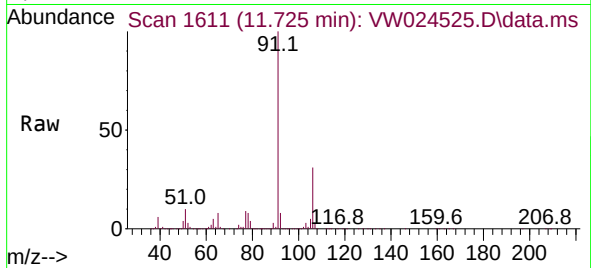




#52
Ethylbenzene
Concen: 48.411 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

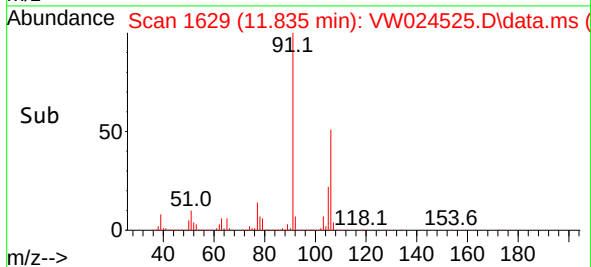
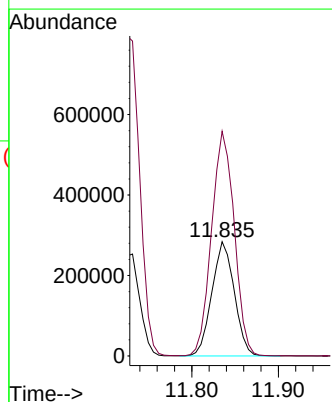
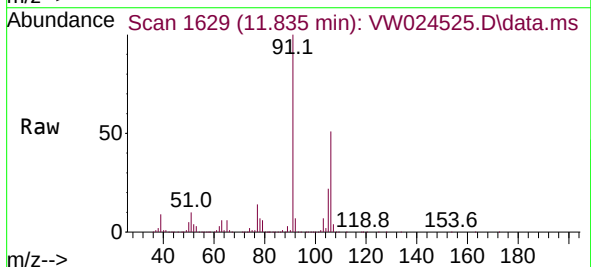
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

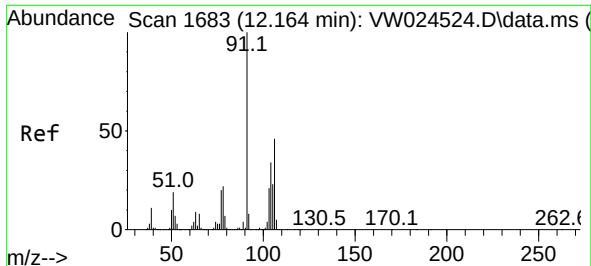
Tgt Ion: 91 Resp: 1297165
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.1



#53
m,p-Xylene
Concen: 48.719 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 106 Resp: 510499
Ion Ratio Lower Upper
106 100
91 196.7 141.7 263.3

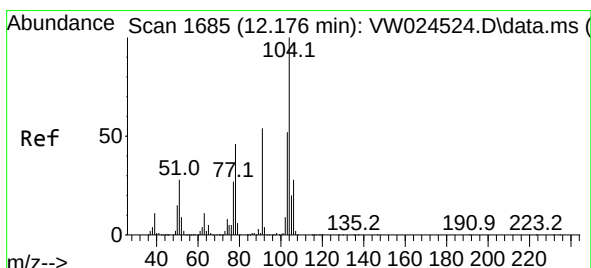
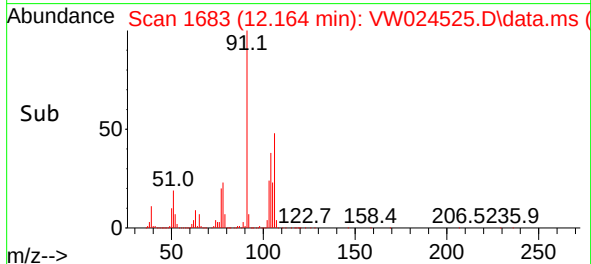
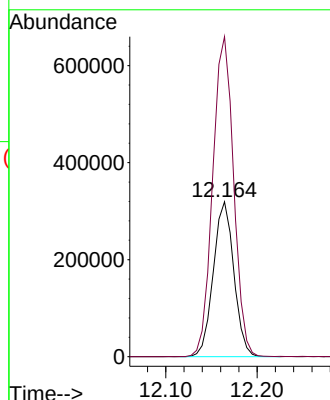
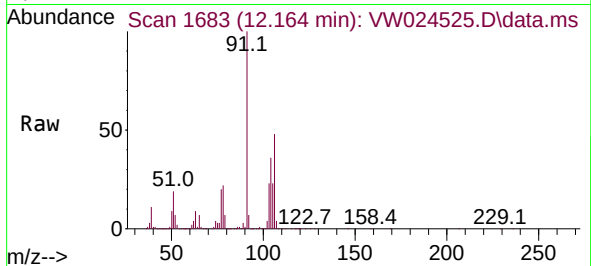




#54
o-Xylene
Concen: 49.713 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

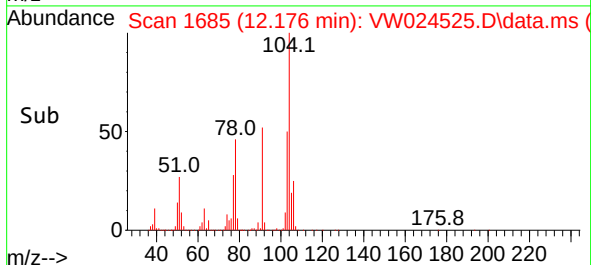
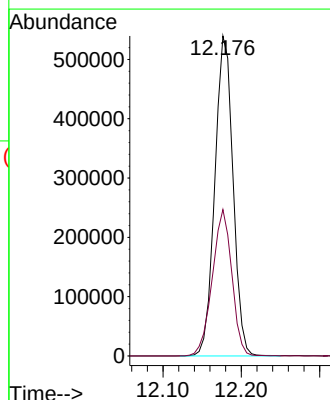
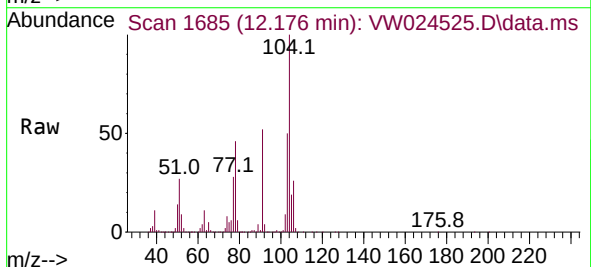
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

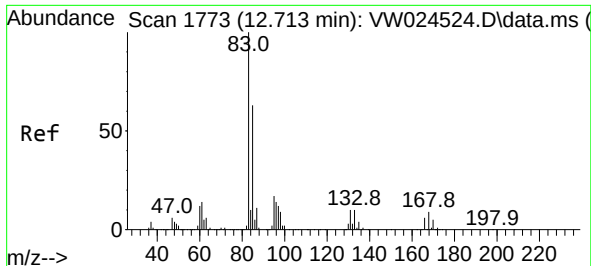
Tgt Ion:106 Resp: 498673
Ion Ratio Lower Upper
106 100
91 206.6 153.4 284.8



#55
Styrene
Concen: 49.978 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion:104 Resp: 870823
Ion Ratio Lower Upper
104 100
78 45.7 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 44.455 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD050428

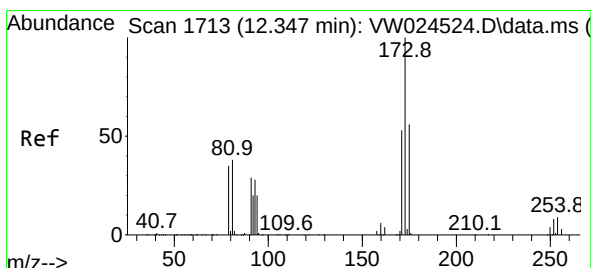
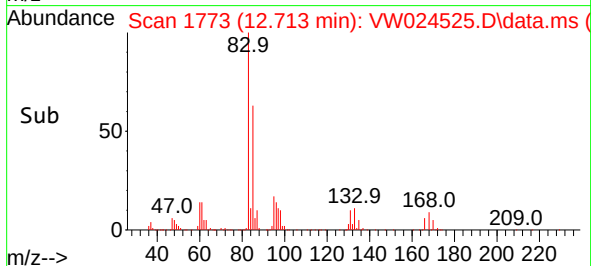
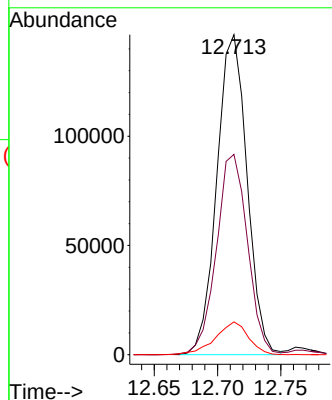
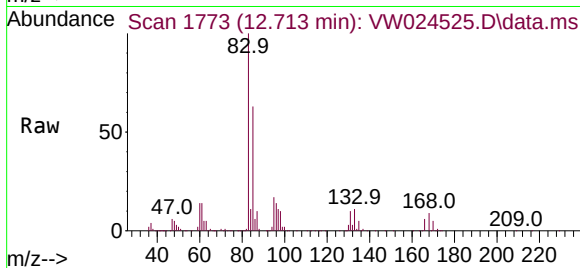
Tgt Ion: 83 Resp: 243302

Ion Ratio Lower Upper

83 100

85 62.6 43.9 81.5

131 10.3 7.9 11.9



#59

Bromoform

Concen: 45.913 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

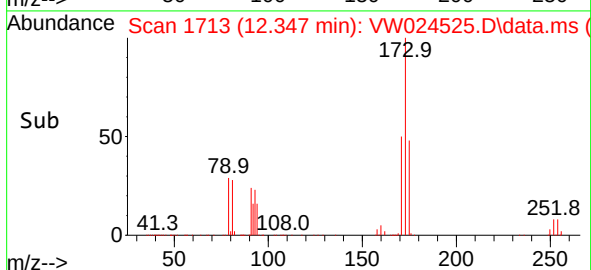
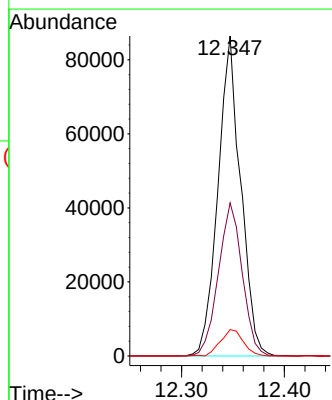
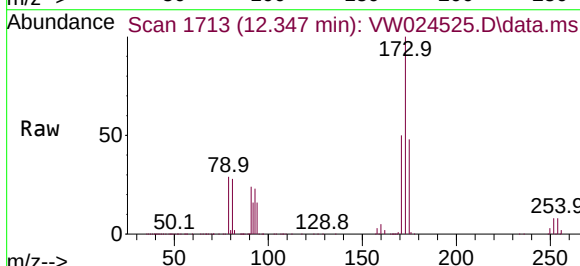
Tgt Ion:173 Resp: 132364

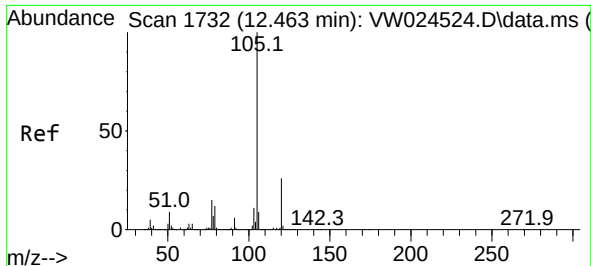
Ion Ratio Lower Upper

173 100

175 50.3 39.0 58.6

254 8.3 6.2 9.4

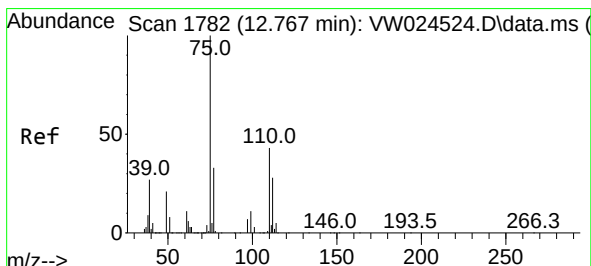
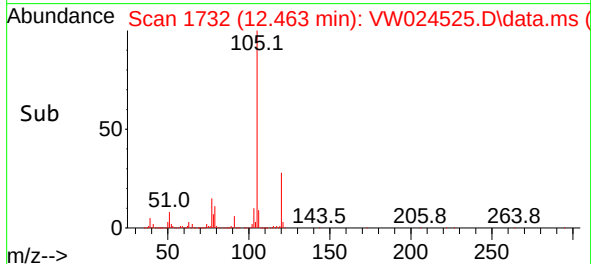
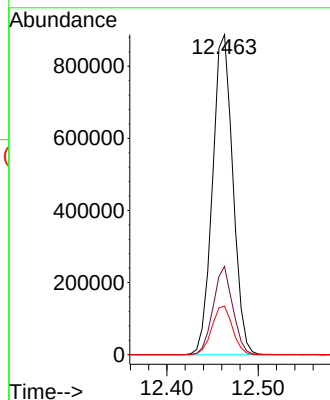
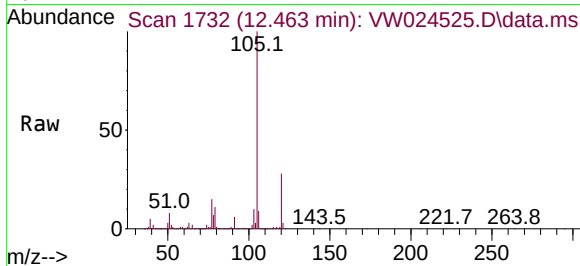




#60
Isopropylbenzene
Concen: 48.818 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

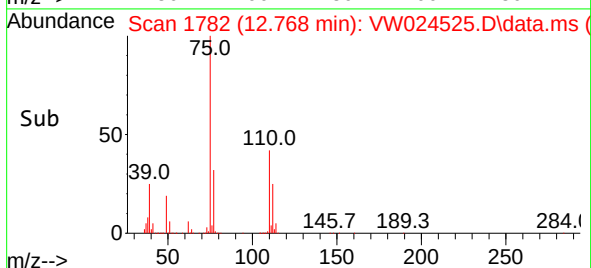
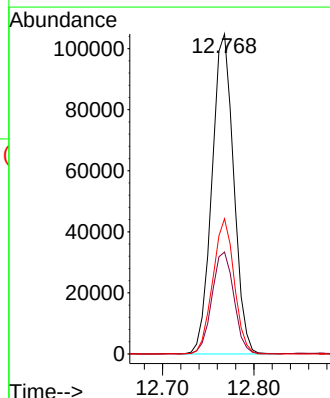
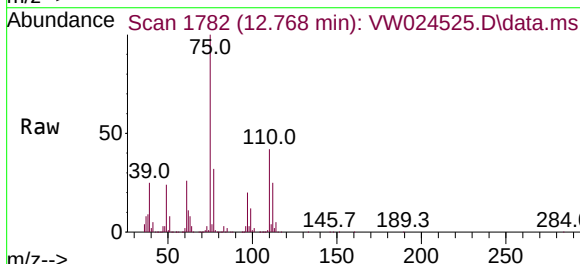
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

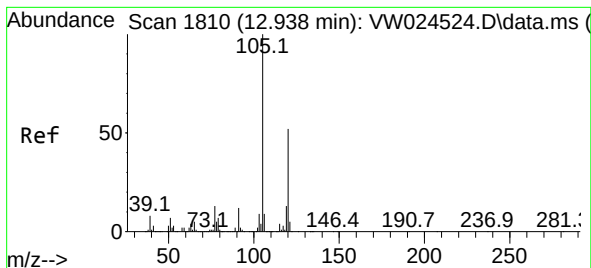
Tgt Ion:105 Resp: 1370399
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 15.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 43.179 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion: 75 Resp: 173089
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 41.6 33.5 50.3

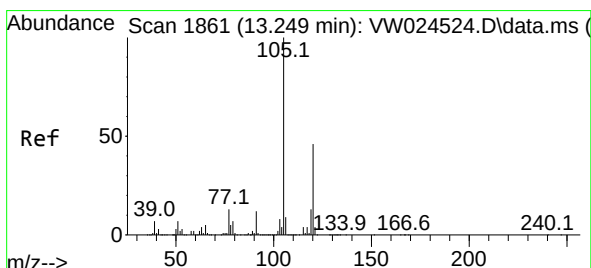
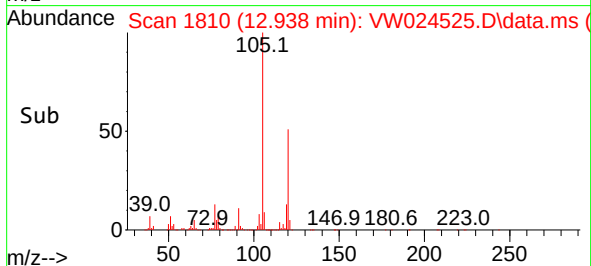
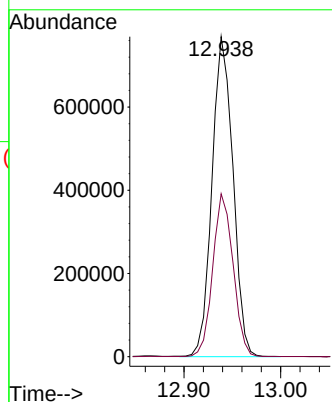
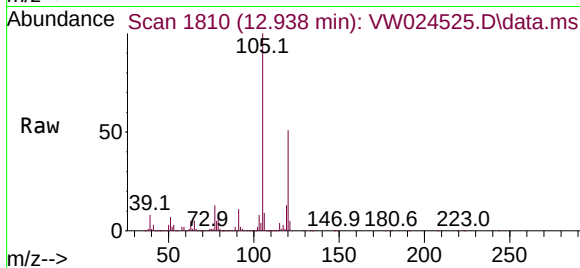




#62
 1,3,5-Trimethylbenzene
 Concen: 49.999 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

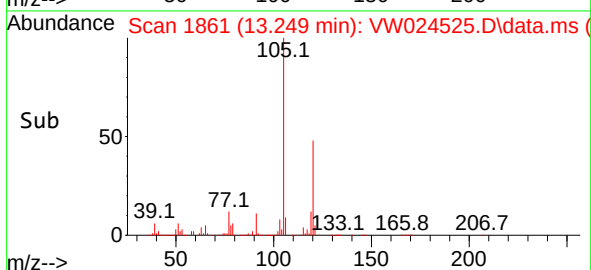
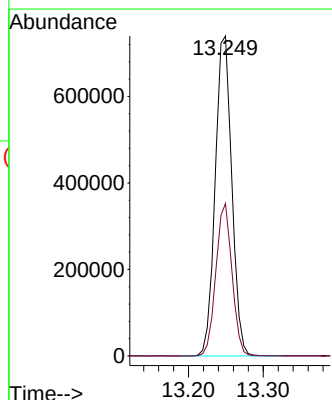
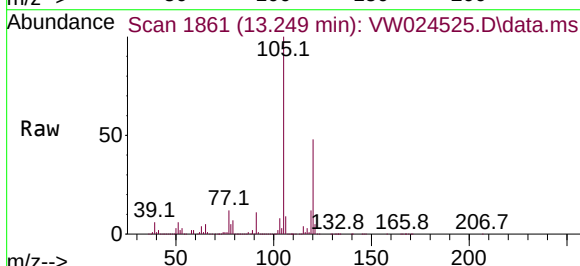
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050428

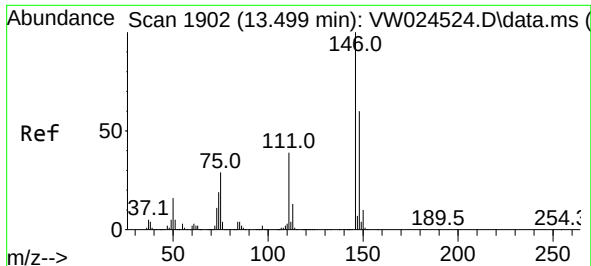
Tgt Ion:105 Resp: 1157833
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 50.482 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024525.D
 Acq: 02 Sep 2022 10:48

Tgt Ion:105 Resp: 1144106
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.0 55.4

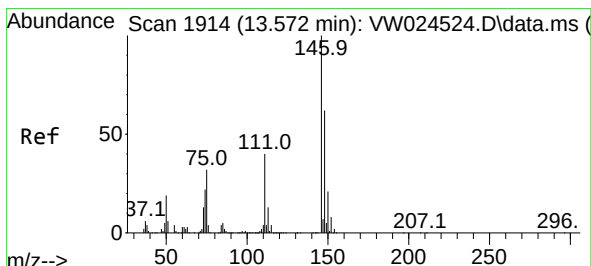
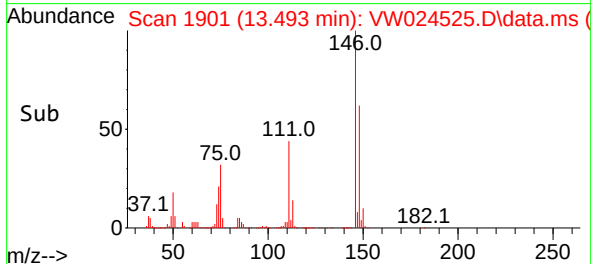
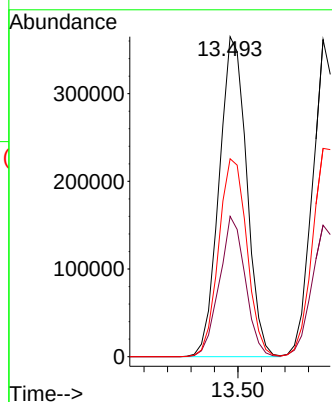
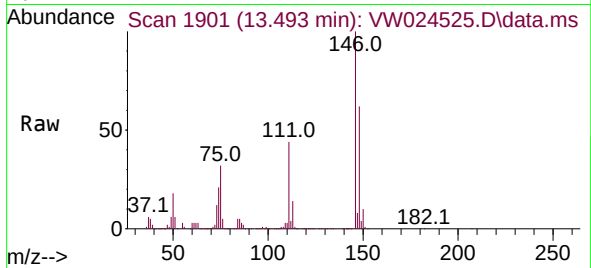




#64
1,3-Dichlorobenzene
Concen: 47.497 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

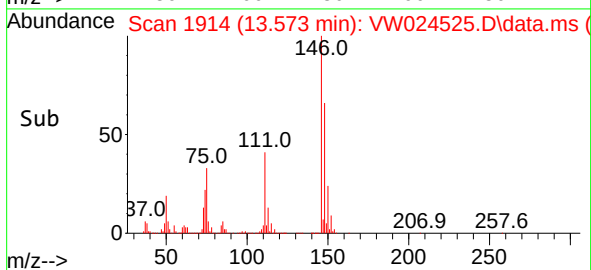
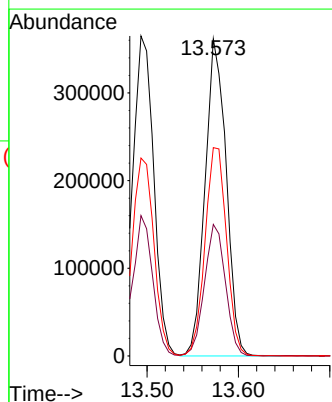
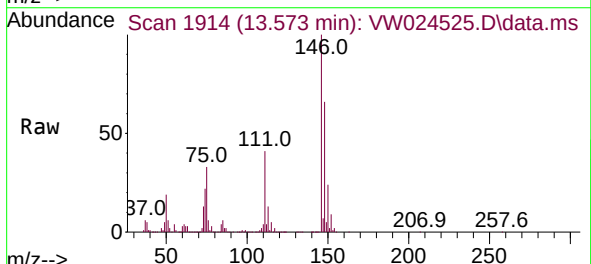
Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

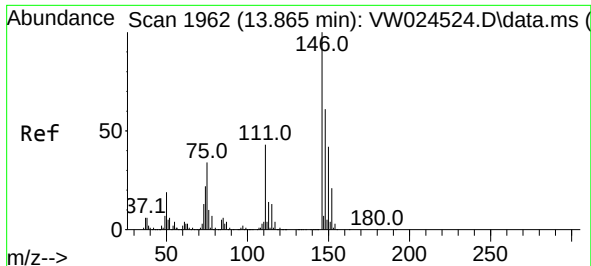
Tgt Ion:146 Resp: 593911
Ion Ratio Lower Upper
146 100
111 43.8 27.6 51.4
148 61.9 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 45.311 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024525.D
Acq: 02 Sep 2022 10:48

Tgt Ion:146 Resp: 580447
Ion Ratio Lower Upper
146 100
111 41.4 28.2 52.4
148 65.7 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 47.675 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD050428

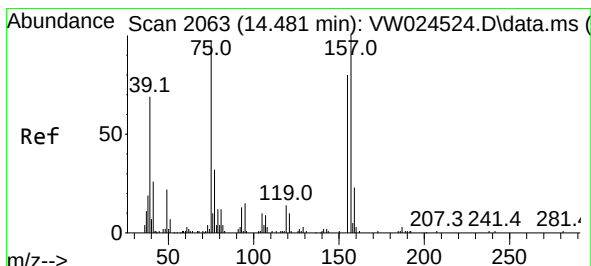
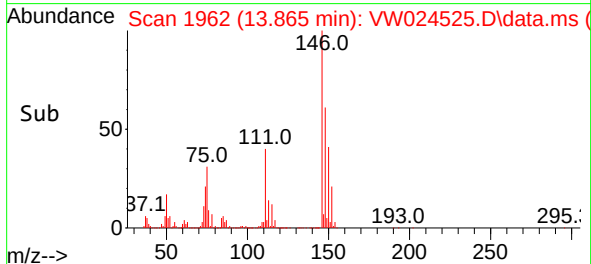
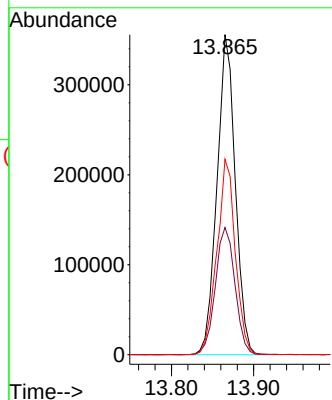
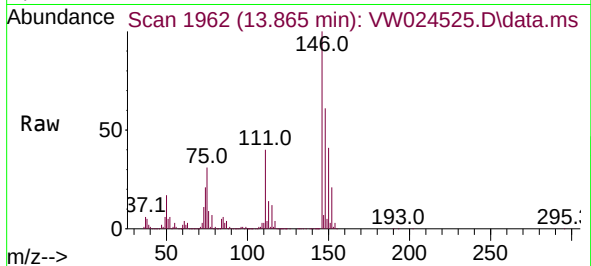
Tgt Ion:146 Resp: 550366

Ion Ratio Lower Upper

146 100

111 39.8 34.1 51.1

148 61.0 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 40.917 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

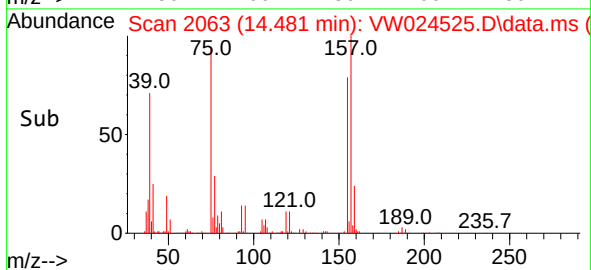
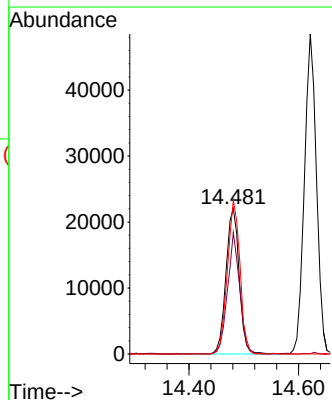
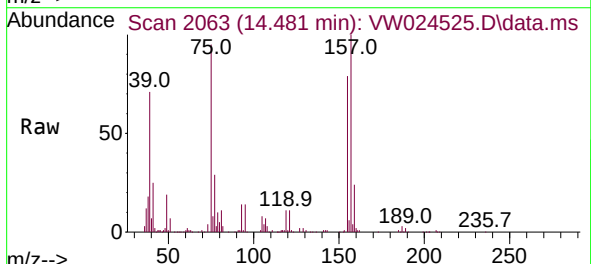
Tgt Ion: 75 Resp: 37125

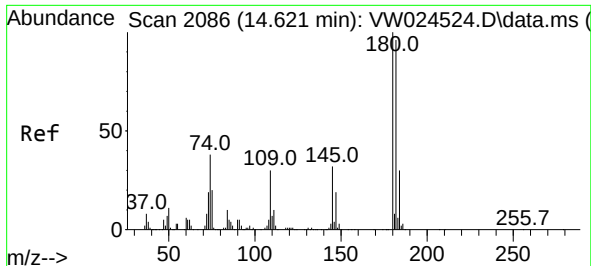
Ion Ratio Lower Upper

75 100

155 83.6 65.8 98.8

157 105.6 82.2 123.4





#69

1,3,5-Trichlorobenzene

Concen: 48.955 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD050428

Tgt Ion:180 Resp: 393537

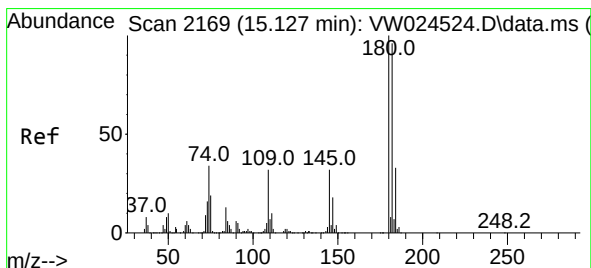
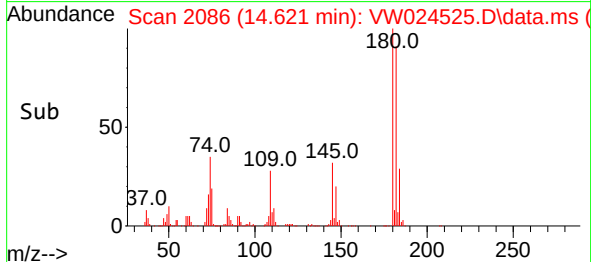
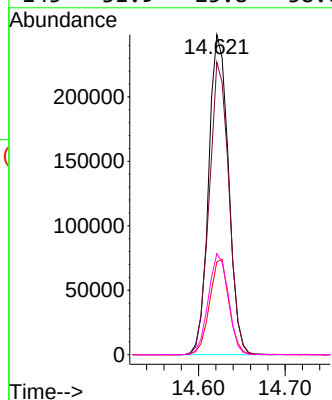
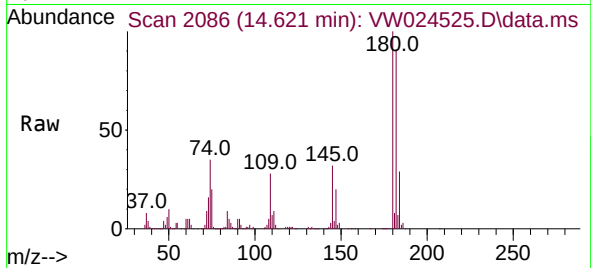
Ion Ratio Lower Upper

180 100

182 90.9 75.0 112.4

184 29.3 23.7 35.5

145 31.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 50.647 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

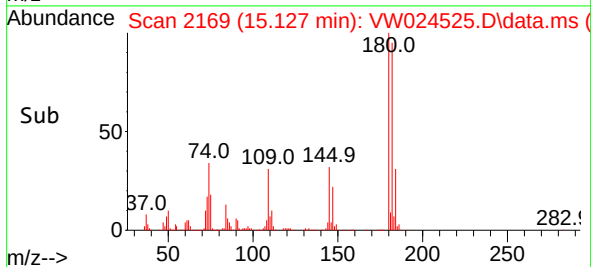
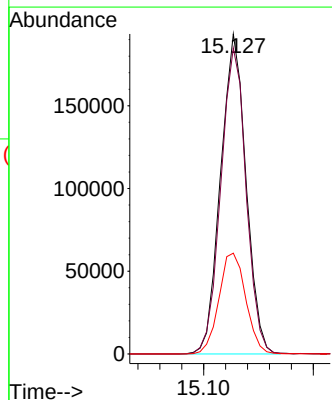
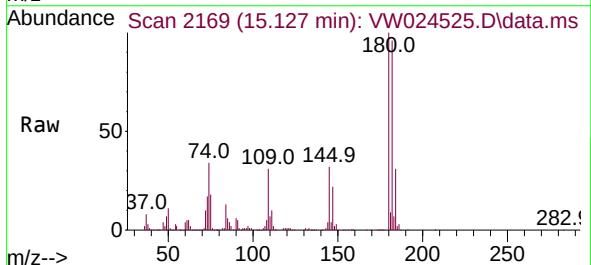
Tgt Ion:180 Resp: 311330

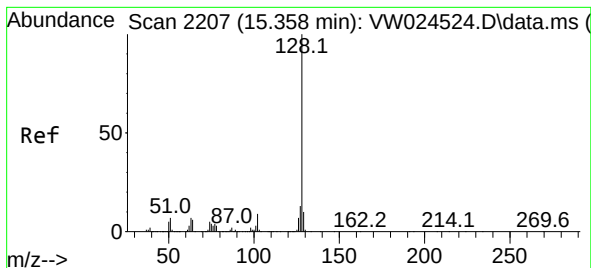
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 33.3 26.6 40.0





#71

Naphthalene

Concen: 50.816 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD050428

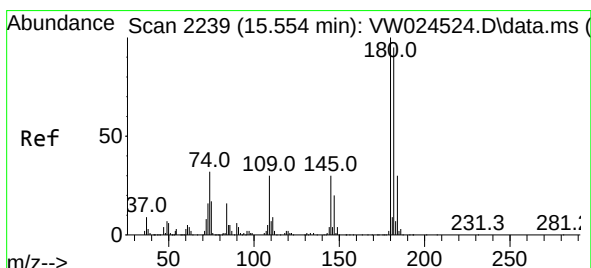
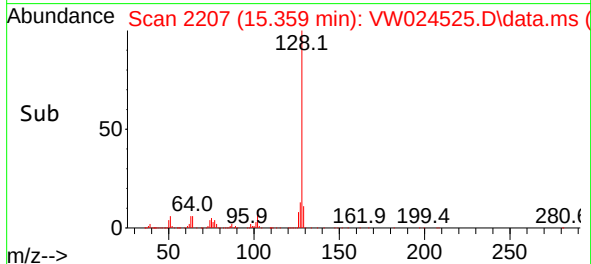
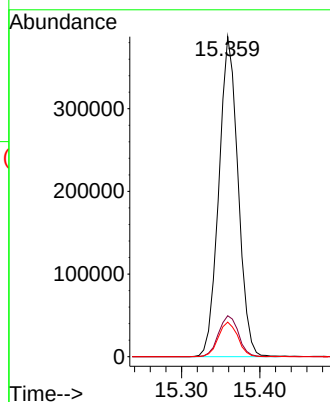
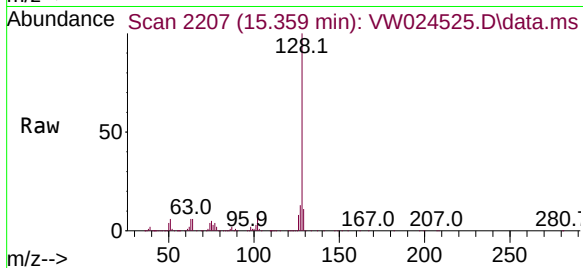
Tgt Ion:128 Resp: 660389

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.0 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 50.125 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024525.D

Acq: 02 Sep 2022 10:48

Tgt Ion:180 Resp: 277883

Ion Ratio Lower Upper

180 100

182 95.5 78.5 117.7

145 34.7 28.3 42.5

