

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024560.D
 Acq On : 06 Sep 2022 17:02
 Operator : SY/VA
 Sample : VSTD2.537
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5437

Quant Time: Sep 07 04:37:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	314113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18159	2.800	ug/L	0.00
7) Chloroethane-d5	2.879	69	13272	2.752	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	18157	2.654	ug/L	0.00
21) 2-Butanone-d5	7.086	46	4310	3.952	ug/L	0.00
24) Chloroform-d	7.641	84	21177	2.627	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13046	2.892	ug/L	0.00
32) Benzene-d6	8.275	84	39100	2.605	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	12029	2.718	ug/L	0.00
41) Toluene-d8	10.323	98	37800	2.583	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	4939	2.490	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3502	4.305	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	11690	2.756	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	12952	2.658	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	3295	2.236	ug/L	91
3) Chloromethane	2.215	50	13070	2.794	ug/L	99
5) Vinyl chloride	2.355	62	23202	2.942	ug/L	96
6) Bromomethane	2.776	94	14694	2.858	ug/L	98
8) Chloroethane	2.916	64	11821	2.755	ug/L	94
9) Trichlorofluoromethane	3.251	101	13694	3.003	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	10892	2.592	ug/L #	53
12) 1,1-Dichloroethene	4.032	96	9400	2.618	ug/L	88
13) Acetone	4.123	43	6361	7.269	ug/L	66
14) Carbon disulfide	4.373	76	25291	2.662	ug/L #	95
15) Methyl Acetate	4.660	43	2015	1.054	ug/L	98
16) Methylene chloride	4.916	84	13855	2.956	ug/L	96
17) trans-1,2-Dichloroethene	5.409	96	10716	2.609	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	17530	2.393	ug/L	98
19) 1,1-Dichloroethane	6.208	63	19891	2.658	ug/L	97
20) cis-1,2-Dichloroethene	7.159	96	11908	2.580	ug/L #	98
22) 2-Butanone	7.165	43	3930	2.733	ug/L	98
23) Bromochloromethane	7.519	128	5512	2.581	ug/L	78
25) Chloroform	7.677	83	22086	2.656	ug/L	99
27) 1,2-Dichloroethane	8.397	62	14738	2.637	ug/L	100
29) Cyclohexane	7.946	56	14322	2.424	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	18058	2.699	ug/L	99
31) Carbon tetrachloride	8.061	117	15604	2.553	ug/L	98
33) Benzene	8.317	78	45320	2.617	ug/L	100
34) Trichloroethene	9.092	95	11993	2.651	ug/L	96
35) Methylcyclohexane	9.329	83	17303	2.391	ug/L	96
37) 1,2-Dichloropropane	9.366	63	11608	2.684	ug/L #	96
38) Bromodichloromethane	9.646	83	16051	2.626	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	13317	2.106	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	13543	4.747	ug/L #	96
42) Toluene	10.384	91	47024	2.463	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	13651	2.285	ug/L	96

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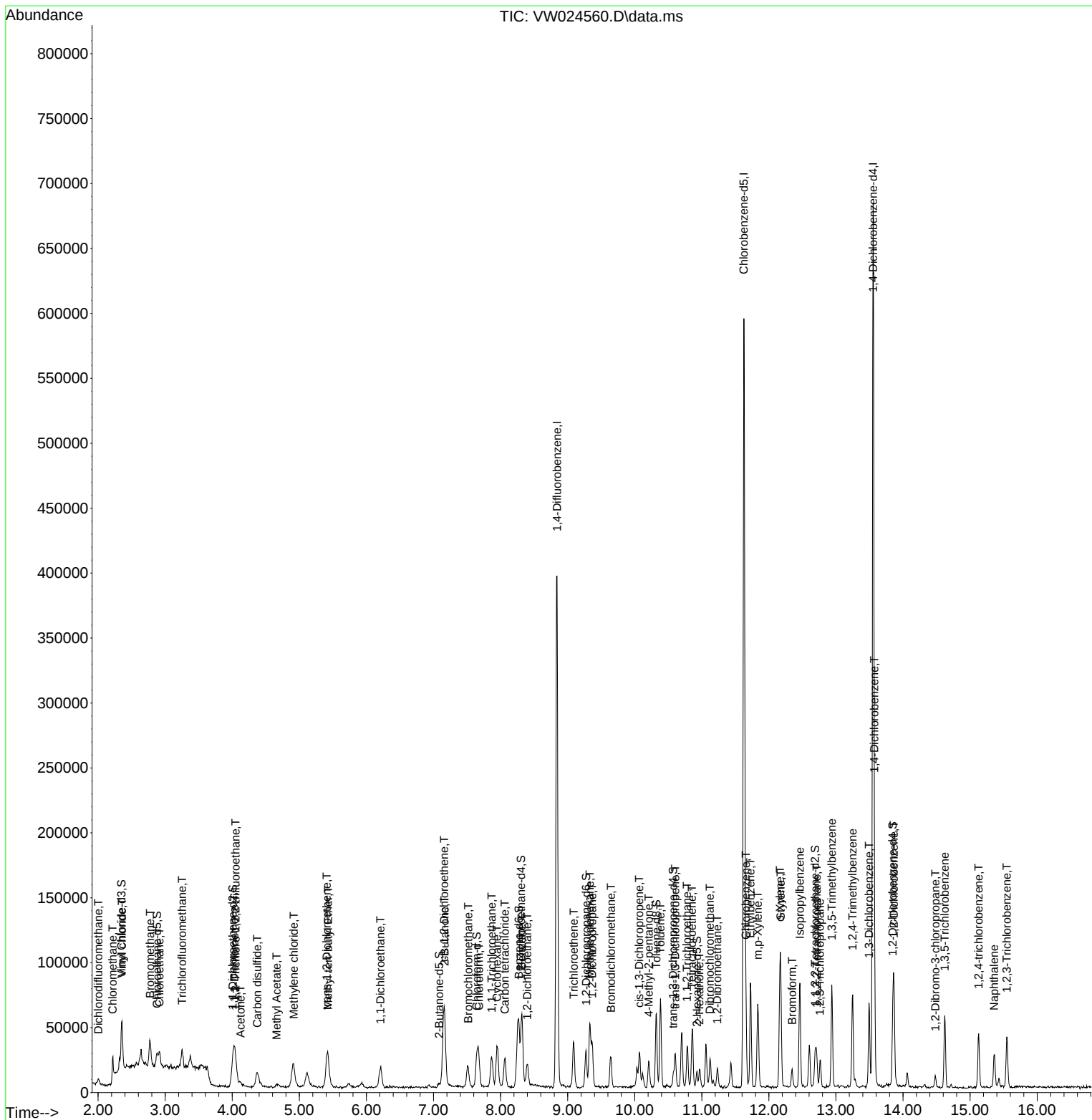
Quant Time: Sep 07 04:37:38 2022
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 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
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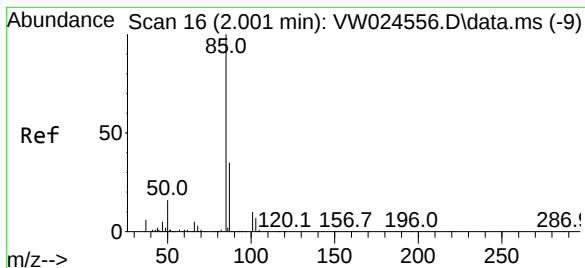
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.780	97	8950	2.476	ug/L	91
46) Tetrachloroethene	10.854	164	8467	2.541	ug/L	84
48) 2-Hexanone	10.963	43	8102	4.141	ug/L #	95
49) Dibromochloromethane	11.122	129	9548	2.259	ug/L	98
50) 1,2-Dibromoethane	11.232	107	9022	2.572	ug/L #	87
51) Chlorobenzene	11.658	112	34196	2.593	ug/L	94
52) Ethylbenzene	11.725	91	52779	2.435	ug/L	89
53) m,p-Xylene	11.835	106	19761	2.333	ug/L	82
54) o-Xylene	12.164	106	17788	2.206	ug/L	96
55) Styrene	12.176	104	31832	2.243	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	11134	2.433	ug/L	95
59) Bromoform	12.347	173	5219	2.333	ug/L #	96
60) Isopropylbenzene	12.463	105	47849	2.297	ug/L	97
61) 1,2,3-Trichloropropane	12.762	75	8220	2.582	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	37525	2.169	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	37510	2.178	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	22549	2.402	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	25882	2.616	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	22347	2.553	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	2465	3.273	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.621	180	13833	2.269	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	10490	2.168	ug/L	89
71) Naphthalene	15.359	128	21281	1.988	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10664	2.369	ug/L	94

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

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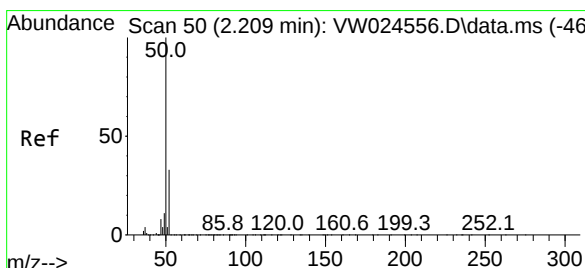
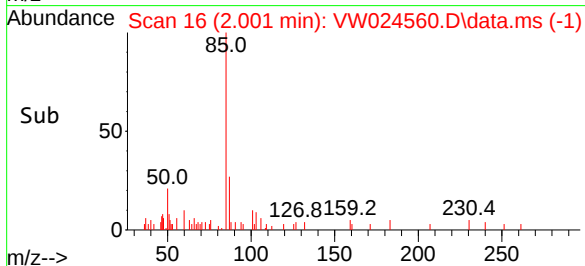
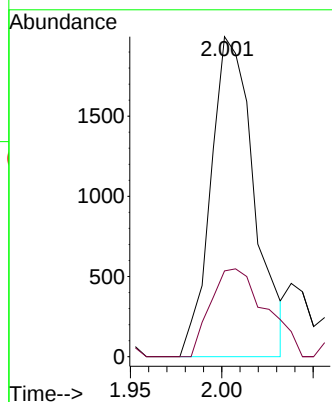
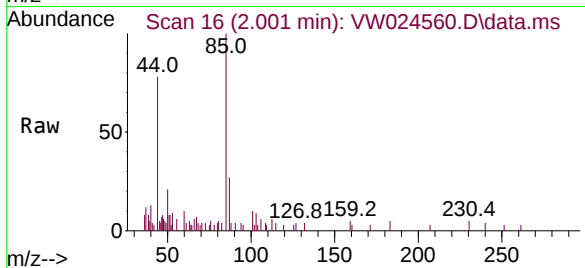




#2
Dichlorodifluoromethane
Concen: 2.236 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

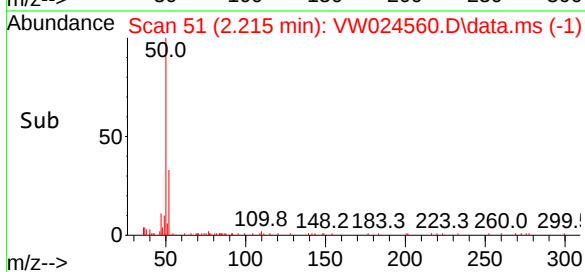
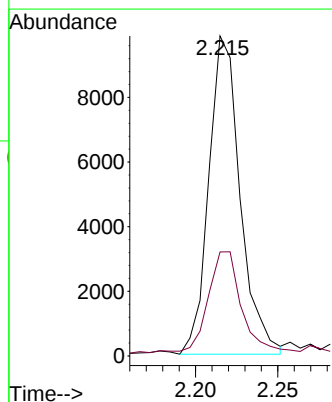
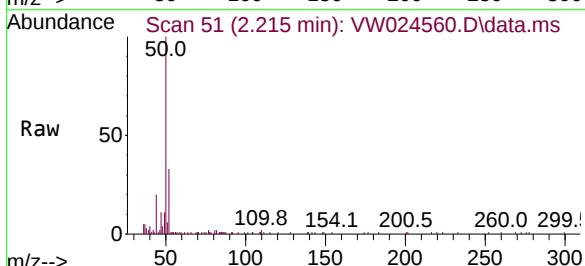
Instrument :
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ClientSampleId :
VSTD2.5437

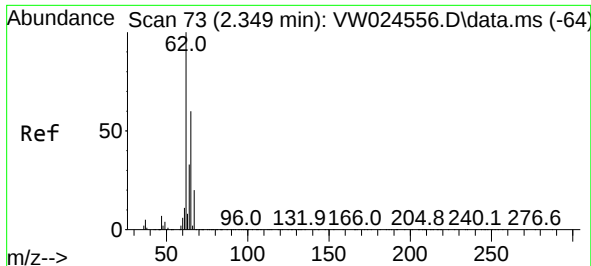
Tgt Ion: 85 Resp: 3295
Ion Ratio Lower Upper
85 100
87 35.1 24.2 36.2



#3
Chloromethane
Concen: 2.794 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 50 Resp: 13070
Ion Ratio Lower Upper
50 100
52 32.5 23.3 43.3

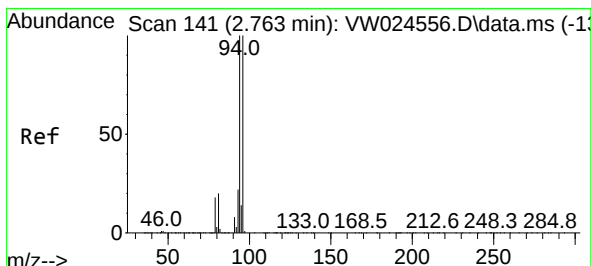
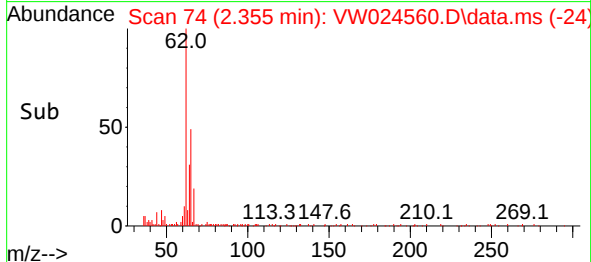
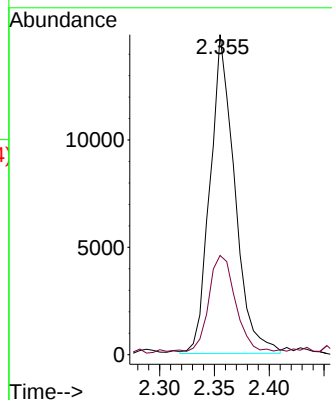
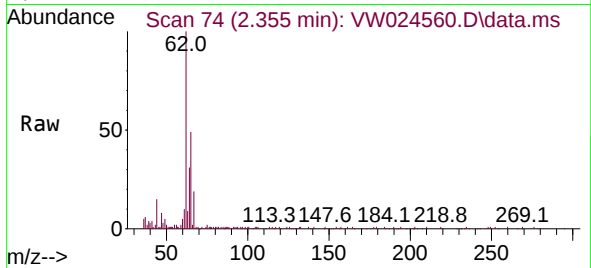




#5
 Vinyl chloride
 Concen: 2.942 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024560.D
 Acq: 06 Sep 2022 17:02

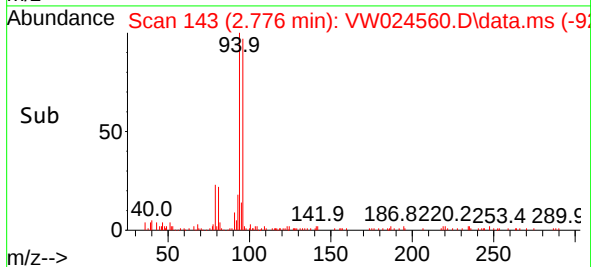
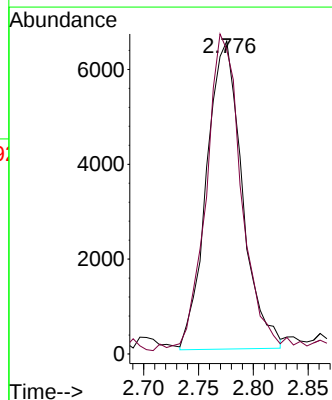
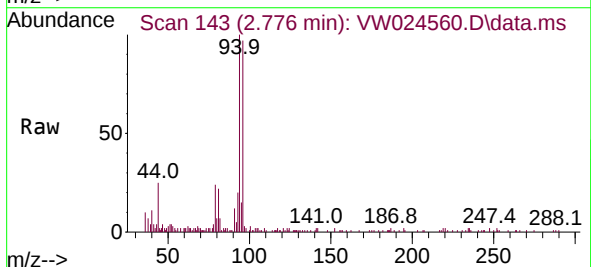
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 ClientSampleId :
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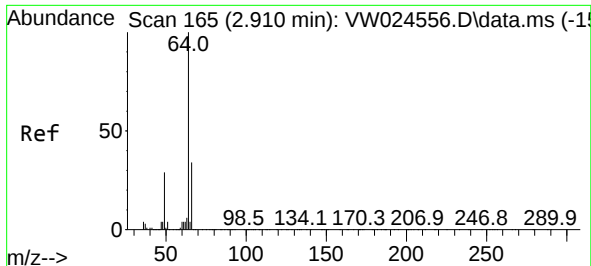
Tgt Ion: 62 Resp: 23202
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.3 43.3



#6
 Bromomethane
 Concen: 2.858 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.012 min
 Lab File: VW024560.D
 Acq: 06 Sep 2022 17:02

Tgt Ion: 94 Resp: 14694
 Ion Ratio Lower Upper
 94 100
 96 97.3 69.8 129.6

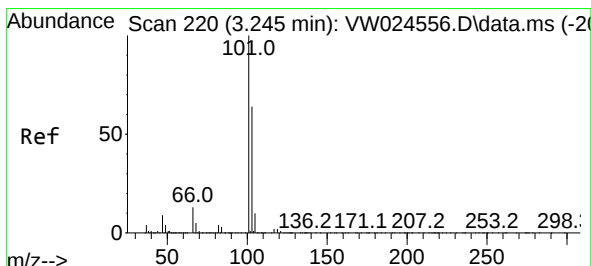
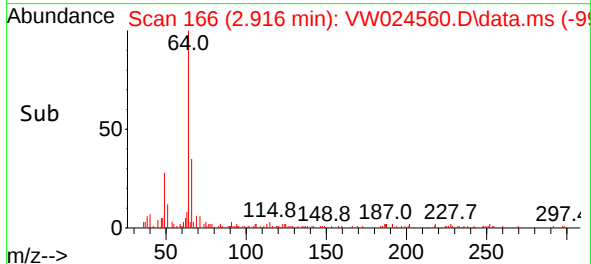
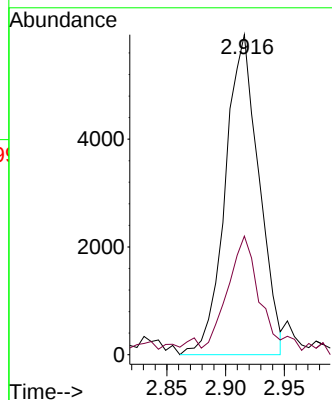
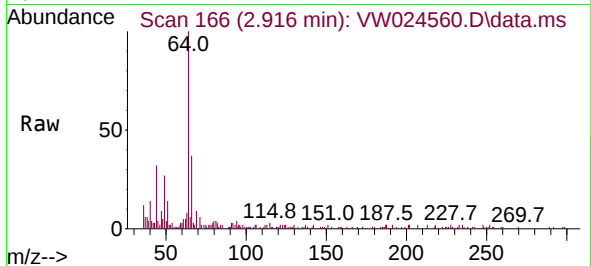




#8
Chloroethane
Concen: 2.755 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

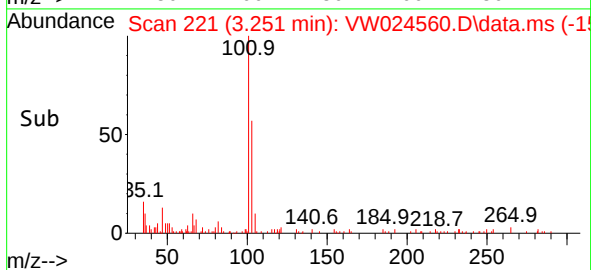
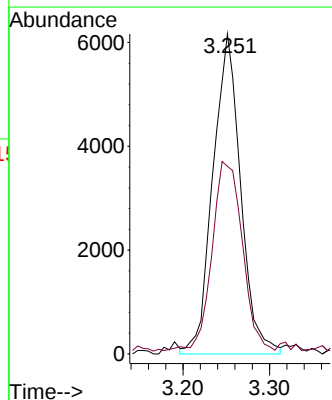
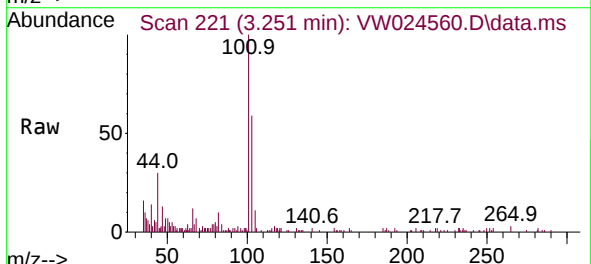
Instrument :
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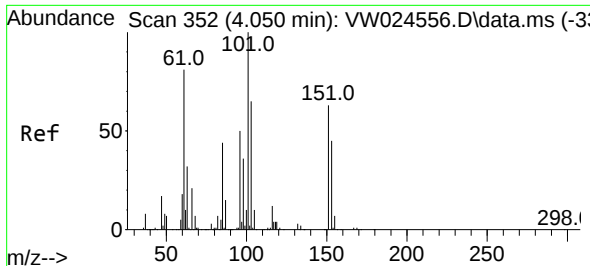
Tgt Ion: 64 Resp: 11821
Ion Ratio Lower Upper
64 100
66 37.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 3.003 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 101 Resp: 13694
Ion Ratio Lower Upper
101 100
103 66.3 52.5 78.7

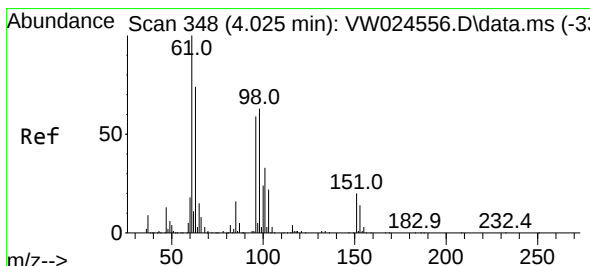
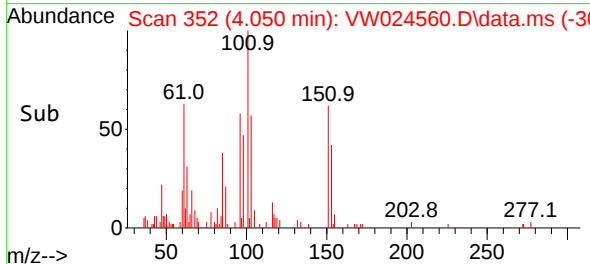
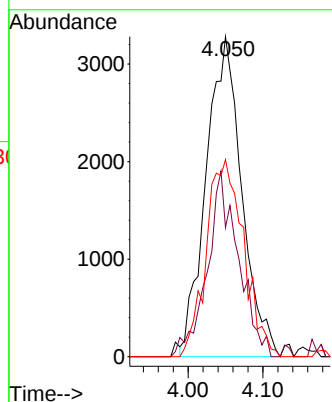
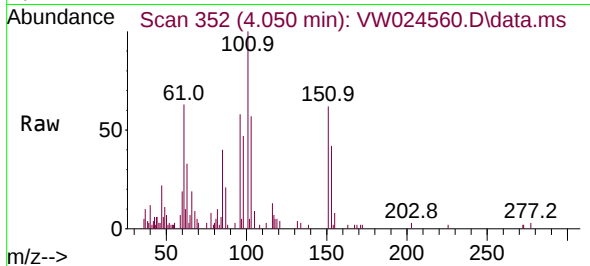




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.592 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024560.D
 Acq: 06 Sep 2022 17:02

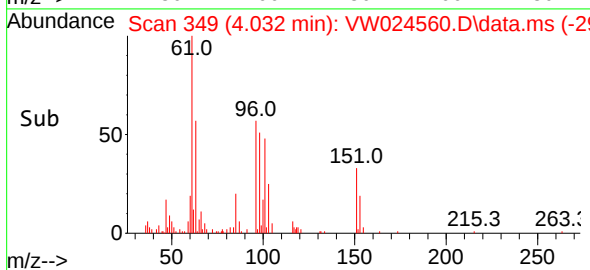
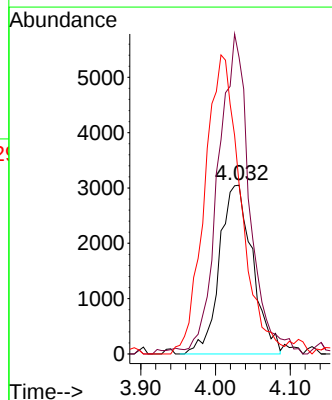
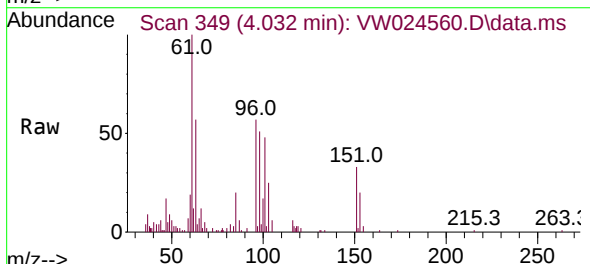
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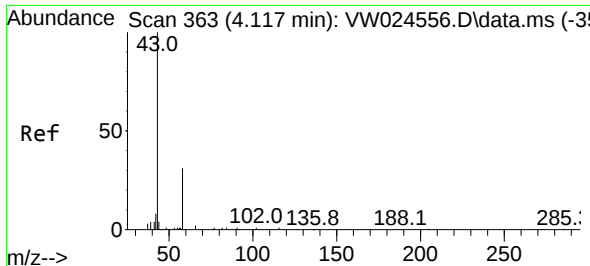
Tgt Ion: 101 Resp: 10892
 Ion Ratio Lower Upper
 101 100
 85 50.6 21.8 32.8#
 151 28.9 53.9 80.9#



#12
 1,1-Dichloroethene
 Concen: 2.618 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024560.D
 Acq: 06 Sep 2022 17:02

Tgt Ion: 96 Resp: 9400
 Ion Ratio Lower Upper
 96 100
 61 175.6 119.8 222.6
 63 100.6 89.6 166.4

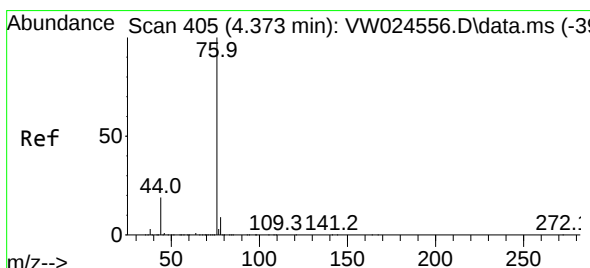
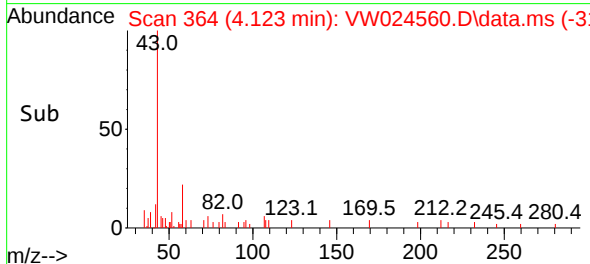
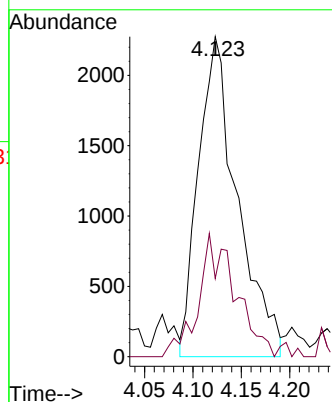
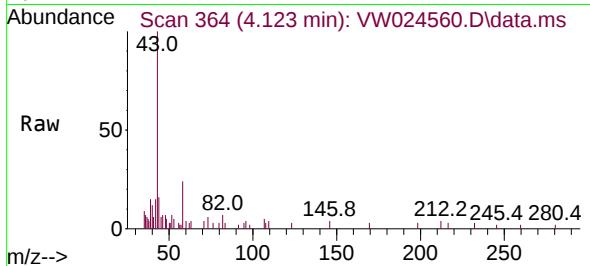




#13
Acetone
Concen: 7.269 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024560.D
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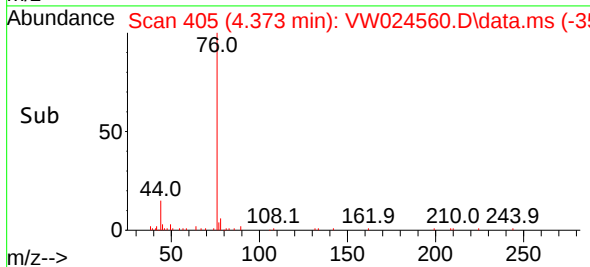
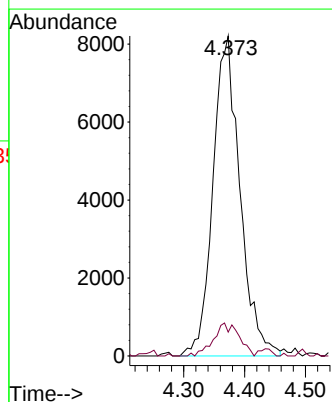
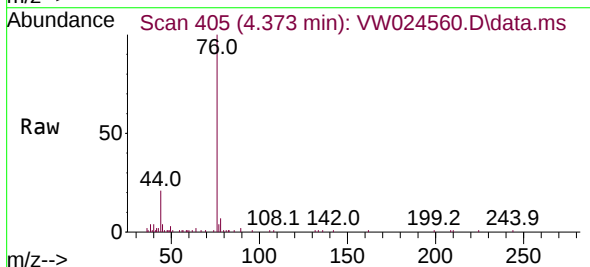
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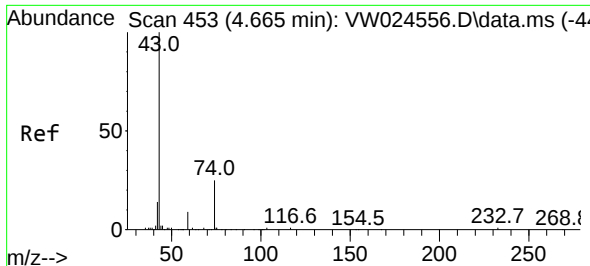
Tgt Ion: 43 Resp: 6361
Ion Ratio Lower Upper
43 100
58 11.0 0.0 57.8



#14
Carbon disulfide
Concen: 2.662 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 76 Resp: 25291
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3#

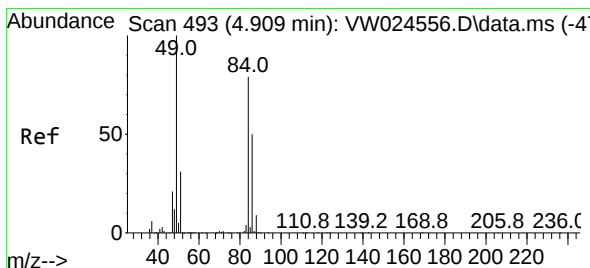
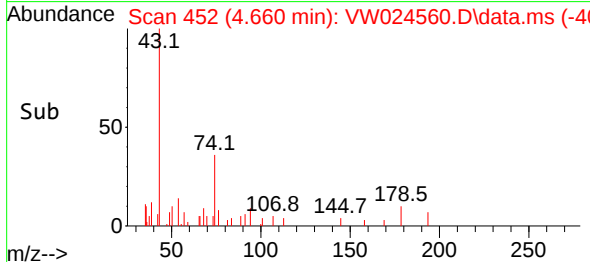
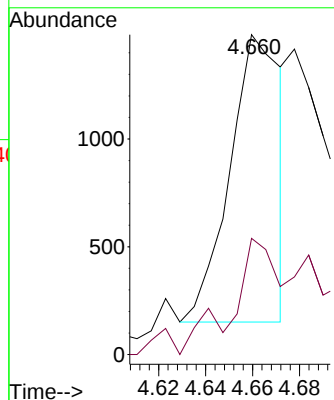
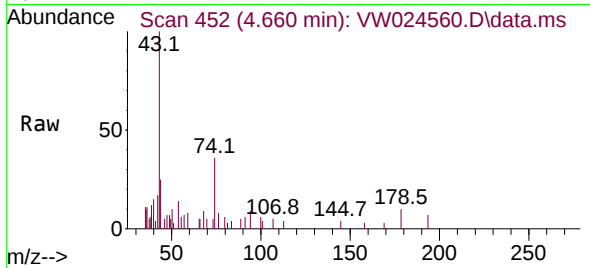




#15
Methyl Acetate
Concen: 1.054 ug/L
RT: 4.660 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

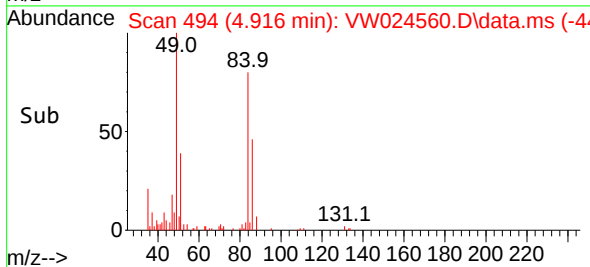
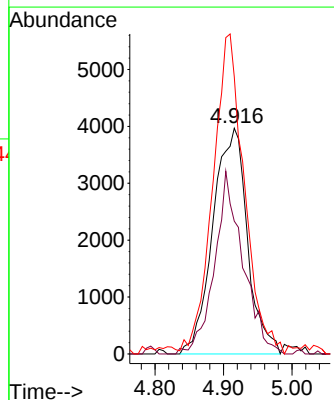
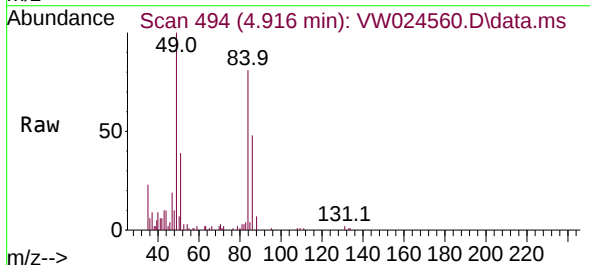
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

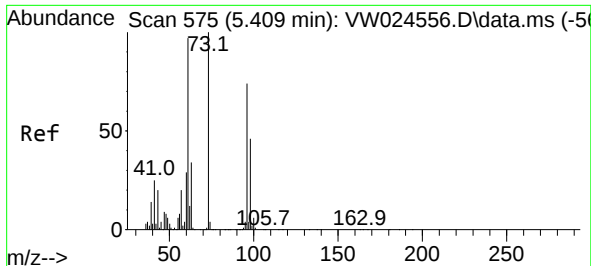
Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
74 24.1 19.9 29.9



#16
Methylene chloride
Concen: 2.956 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 84 Resp: 13855
Ion Ratio Lower Upper
84 100
86 58.8 44.4 82.5
49 122.8 88.5 164.3

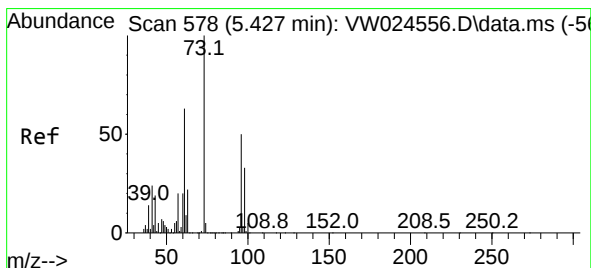
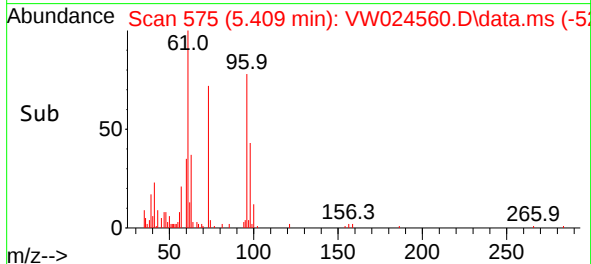
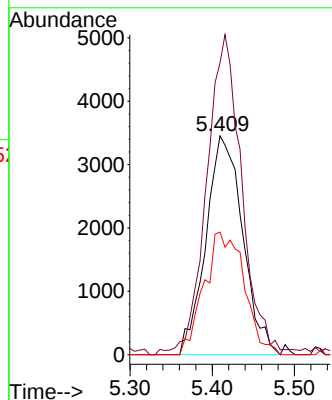
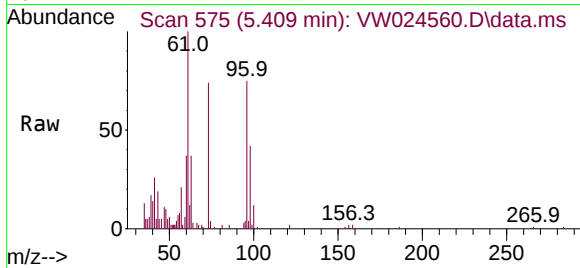




#17
trans-1,2-Dichloroethene
Concen: 2.609 ug/L
RT: 5.409 min Scan# 575
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

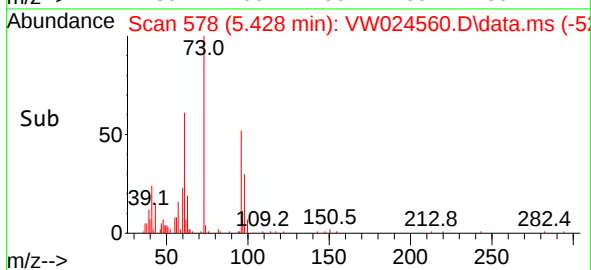
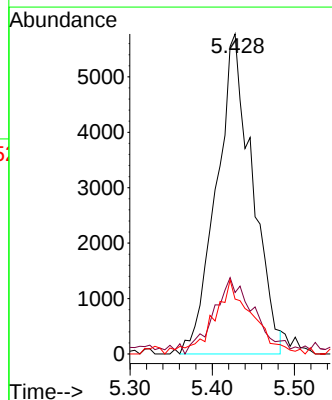
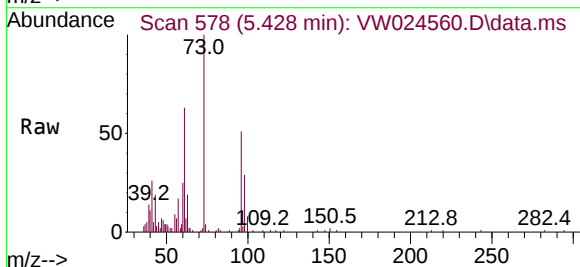
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

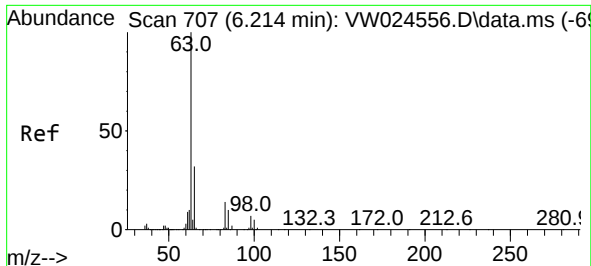
Tgt Ion: 96 Resp: 10716
Ion Ratio Lower Upper
96 100
61 133.5 91.7 170.3
98 56.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 2.393 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 73 Resp: 17530
Ion Ratio Lower Upper
73 100
43 22.4 16.7 25.1
57 21.0 16.8 25.2





#19

1,1-Dichloroethane

Concen: 2.658 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

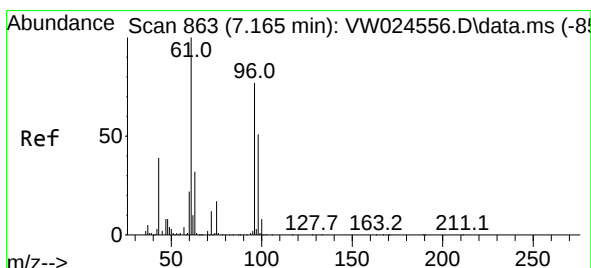
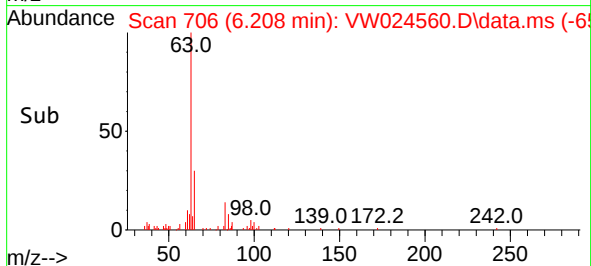
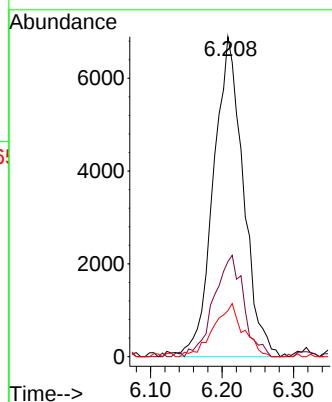
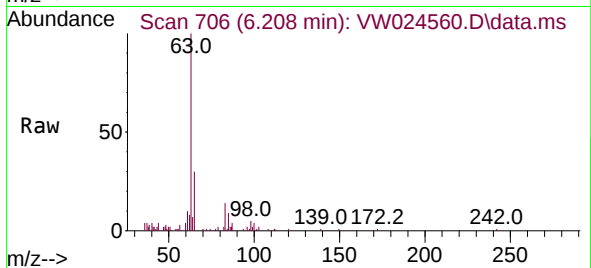
Tgt Ion: 63 Resp: 19891

Ion Ratio Lower Upper

63 100

65 29.7 22.0 41.0

83 14.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 2.580 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

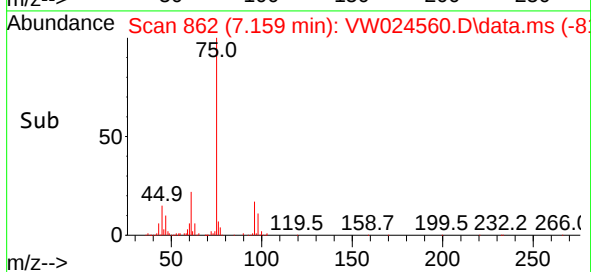
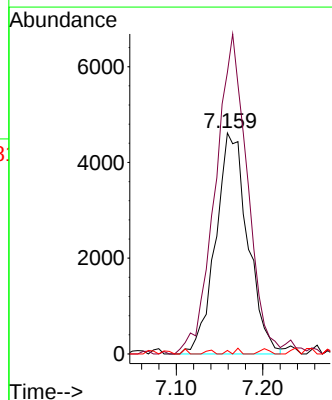
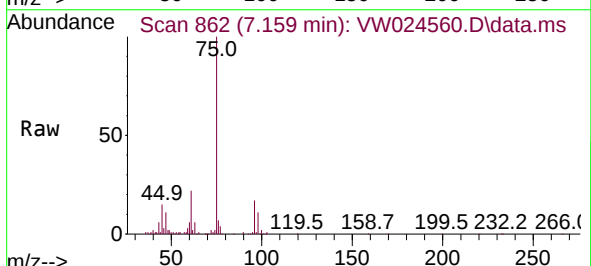
Tgt Ion: 96 Resp: 11908

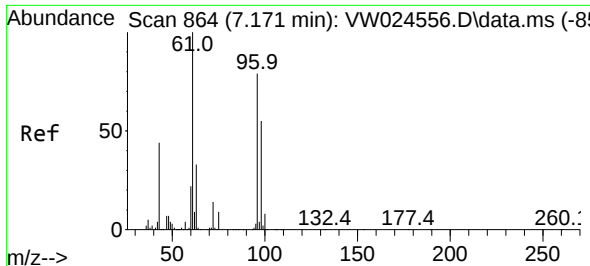
Ion Ratio Lower Upper

96 100

61 127.5 91.2 169.4

68 1.6 0.0 0.0#

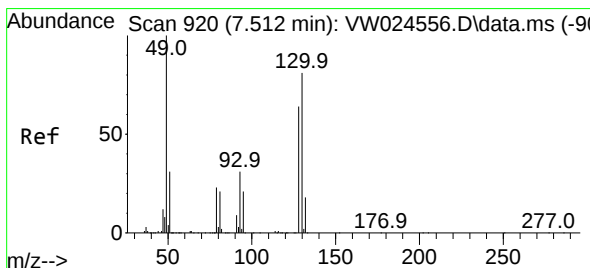
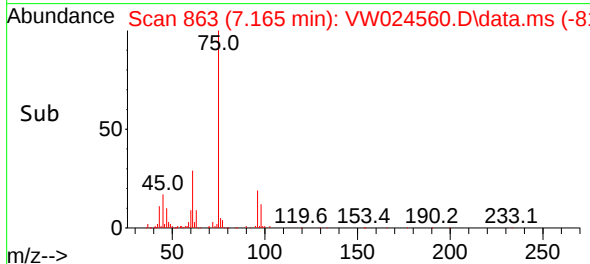
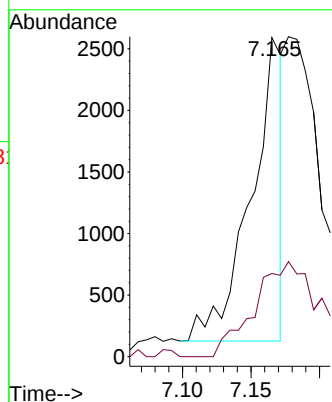
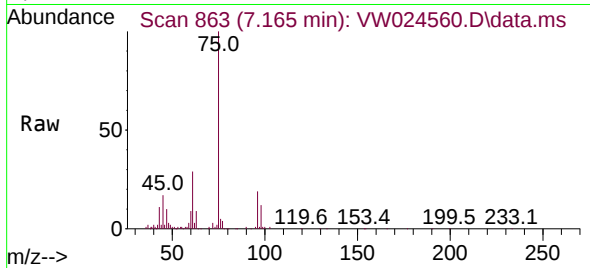




#22
2-Butanone
Concen: 2.733 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

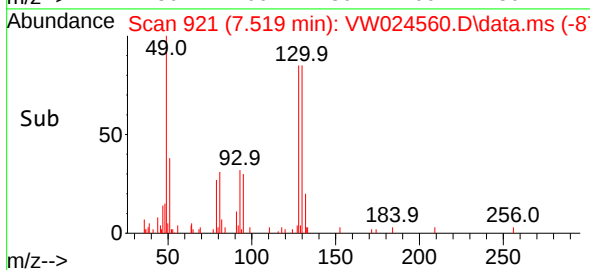
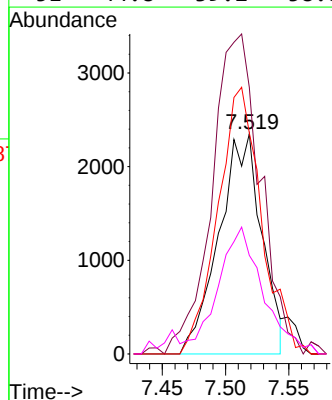
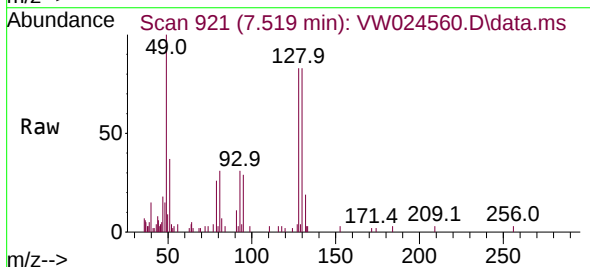
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

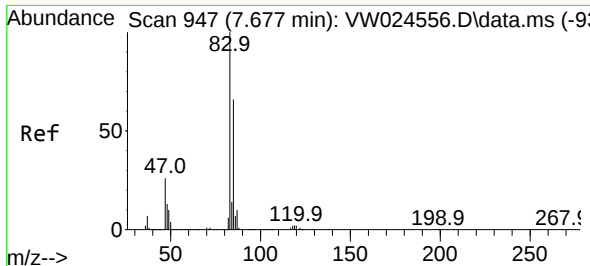
Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
72 29.6 15.4 46.4



#23
Bromochloromethane
Concen: 2.581 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 128 Resp: 5512
Ion Ratio Lower Upper
128 100
49 121.1 110.0 204.2
130 100.4 88.3 163.9
51 44.8 39.2 58.8

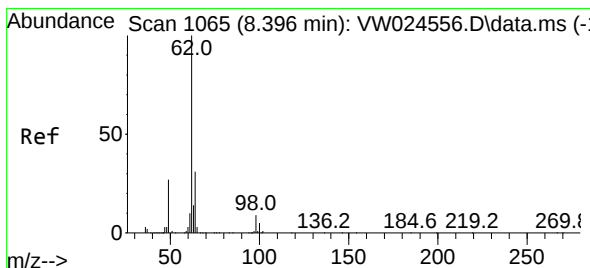
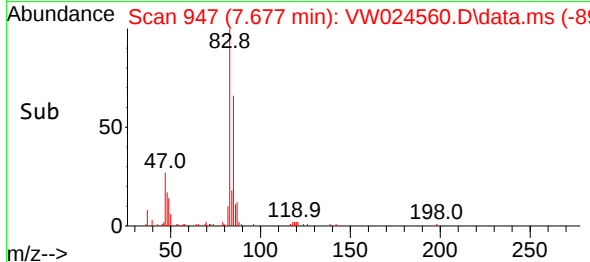
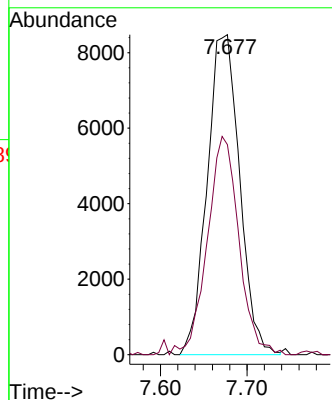
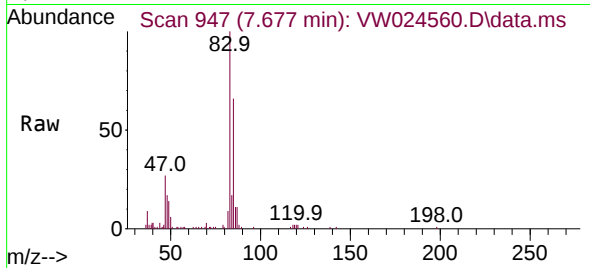




#25
Chloroform
Concen: 2.656 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

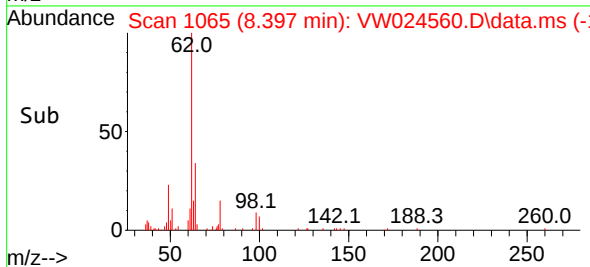
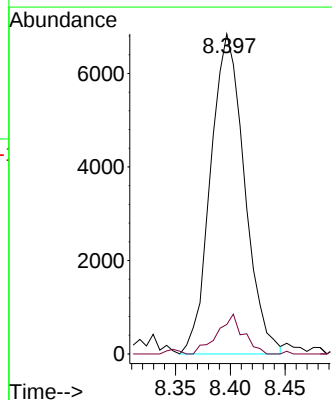
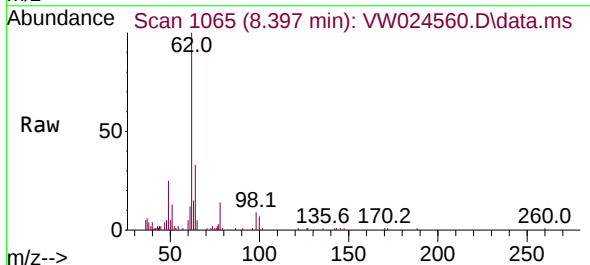
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

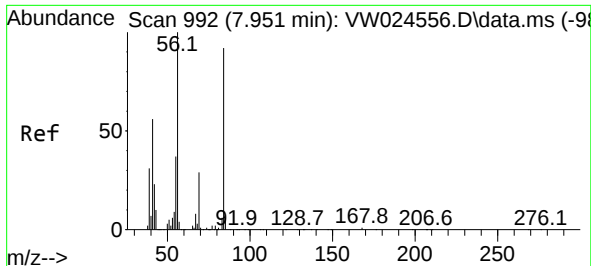
Tgt Ion: 83 Resp: 22086
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 2.637 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 62 Resp: 14738
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 2.424 ug/L

RT: 7.946 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

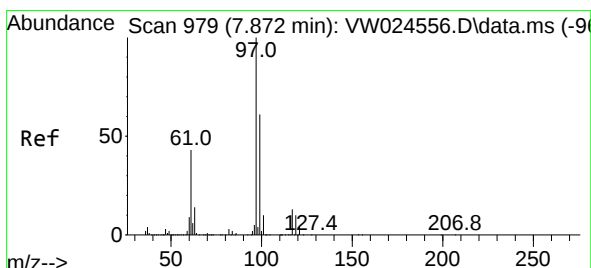
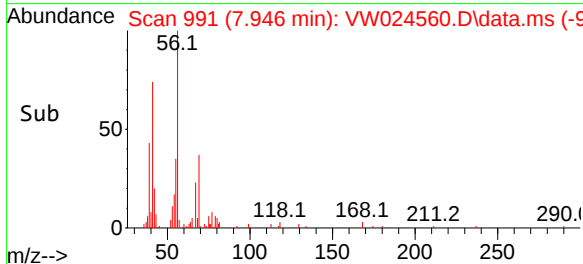
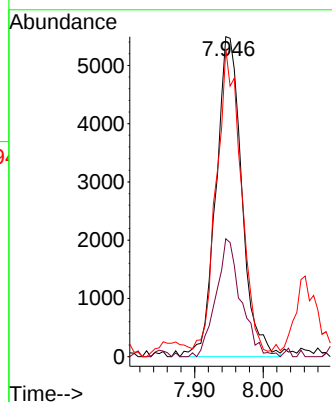
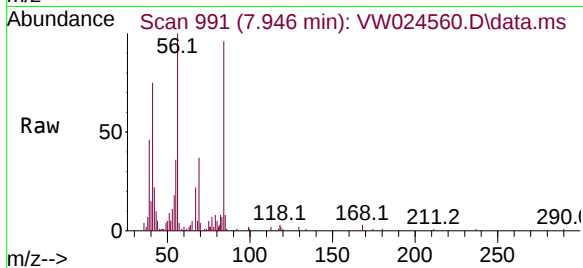
Tgt Ion: 56 Resp: 14322

Ion Ratio Lower Upper

56 100

69 35.1 24.5 36.7

84 93.6 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 2.699 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

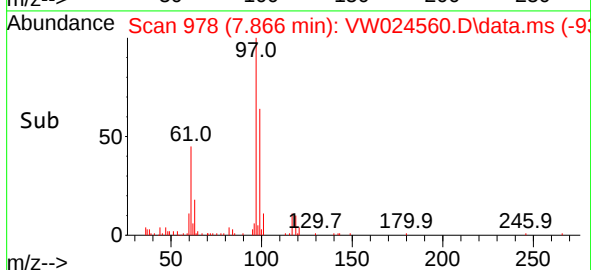
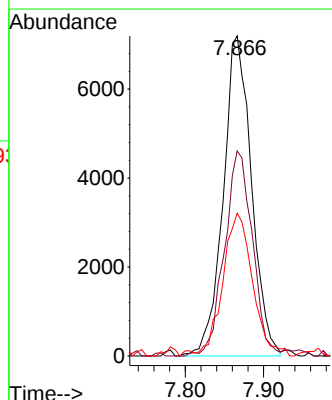
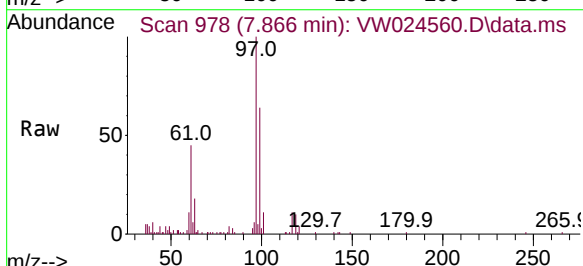
Tgt Ion: 97 Resp: 18058

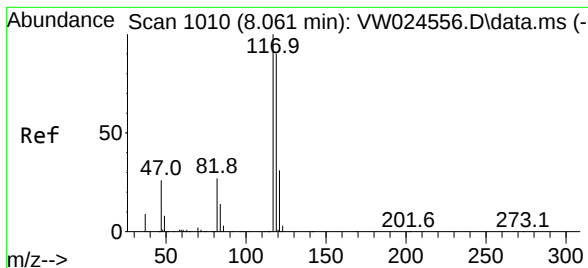
Ion Ratio Lower Upper

97 100

99 62.7 51.5 77.3

61 46.7 37.2 55.8

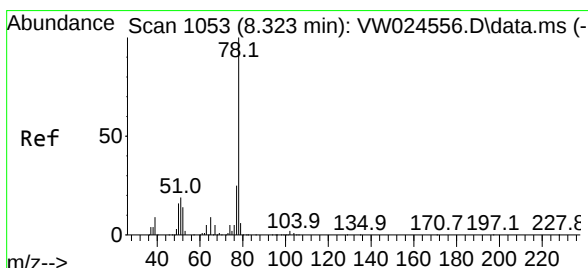
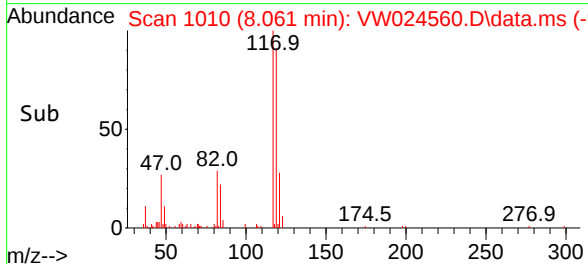
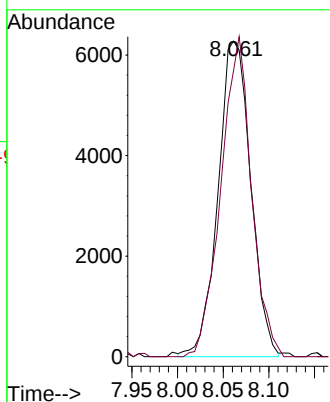
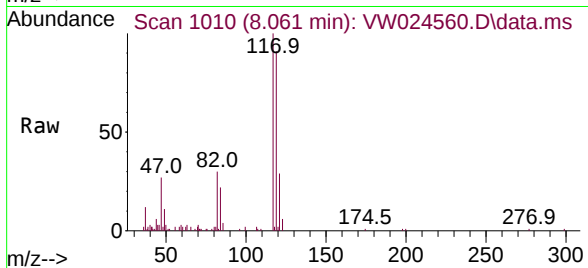




#31
Carbon tetrachloride
Concen: 2.553 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

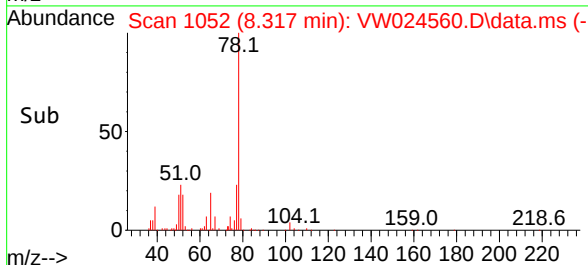
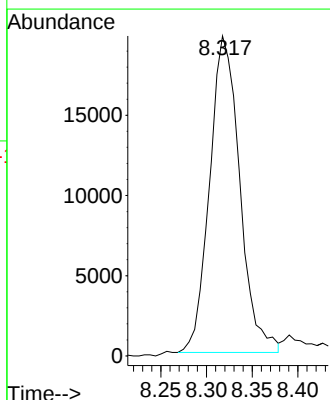
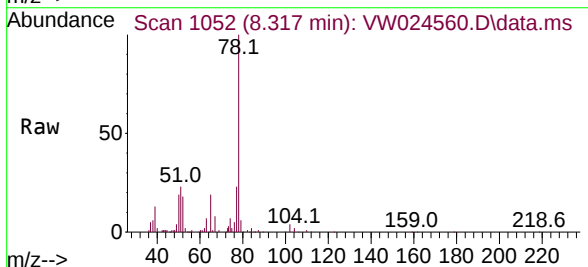
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

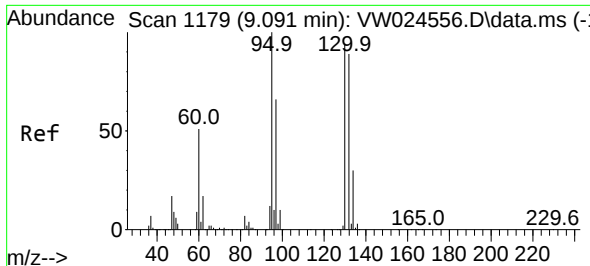
Tgt Ion:117 Resp: 15604
Ion Ratio Lower Upper
117 100
119 94.8 74.4 111.6



#33
Benzene
Concen: 2.617 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 78 Resp: 45320



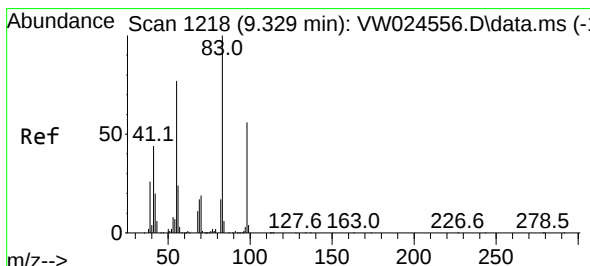
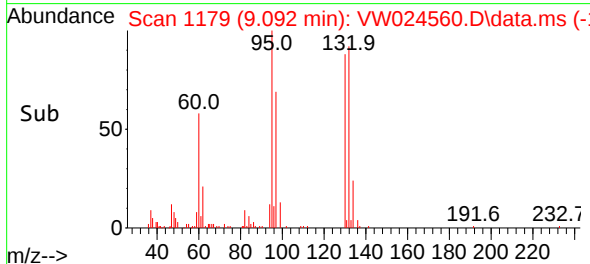
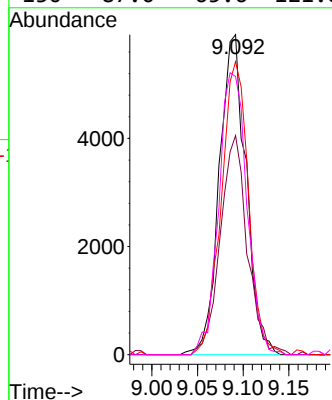
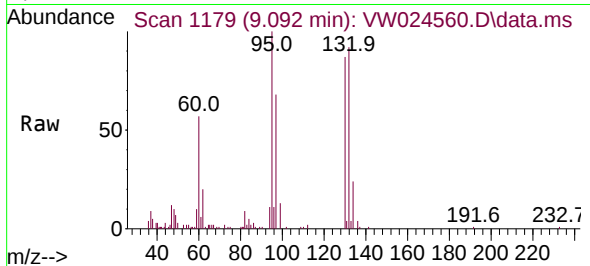


#34
Trichloroethene
Concen: 2.651 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

Tgt Ion: 95 Resp: 11993

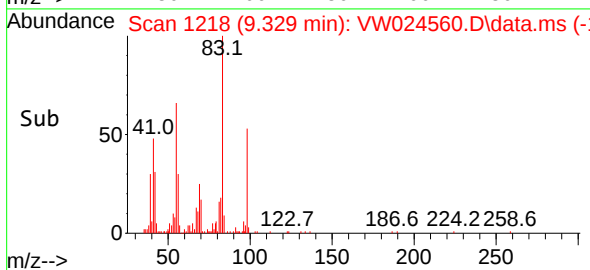
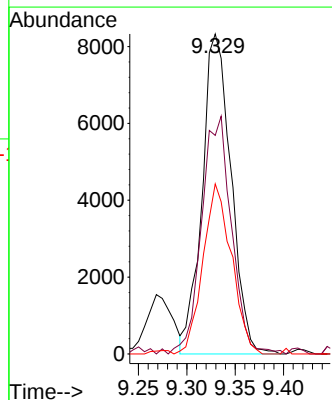
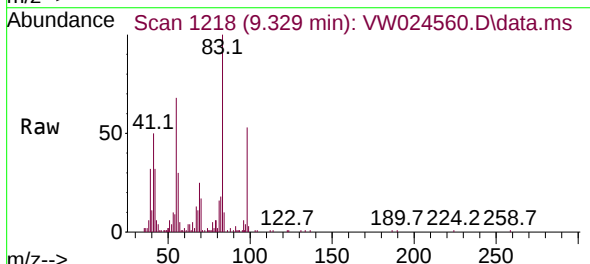
Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.9	85.3
132	91.5	62.6	116.2
130	87.0	65.6	121.8

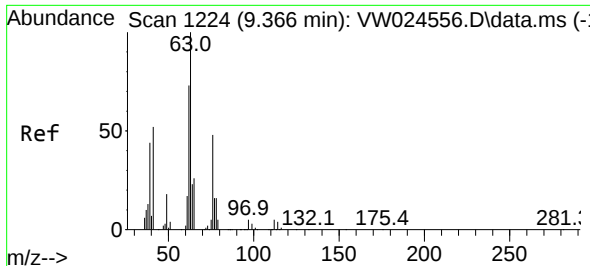


#35
Methylcyclohexane
Concen: 2.391 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 83 Resp: 17303

Ion	Ratio	Lower	Upper
83	100		
55	76.2	57.3	85.9
98	52.3	40.4	60.6





#37

1,2-Dichloropropane

Concen: 2.684 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

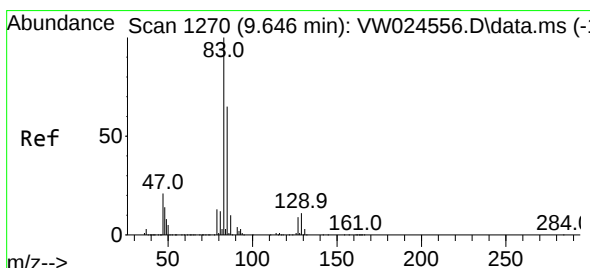
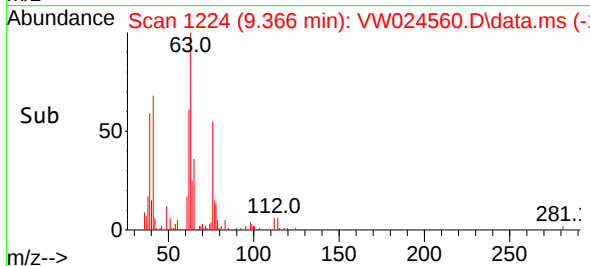
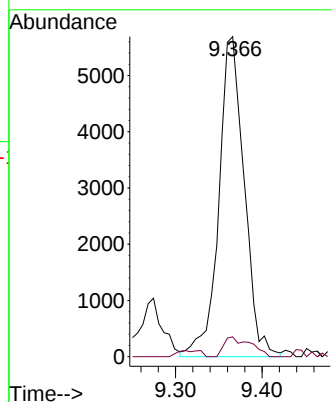
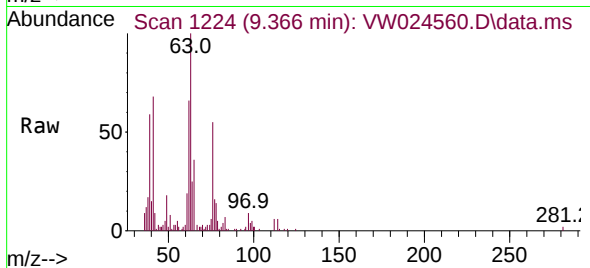
VSTD2.5437

Tgt Ion: 63 Resp: 11608

Ion Ratio Lower Upper

63 100

112 3.4 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.626 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

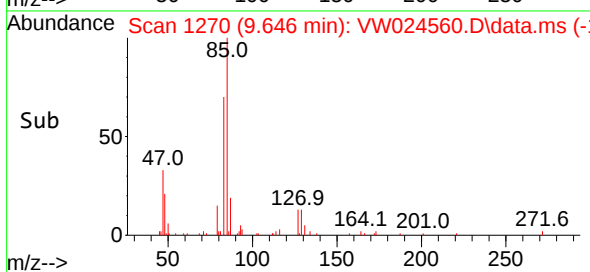
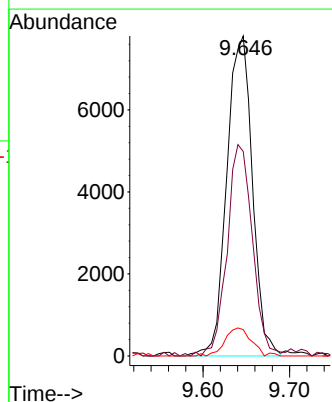
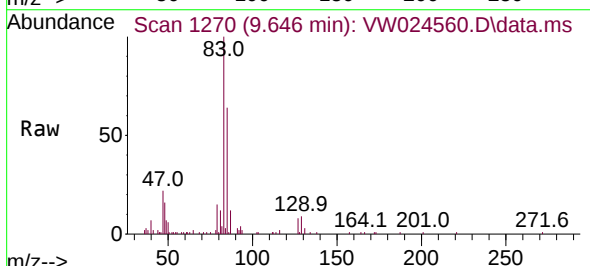
Tgt Ion: 83 Resp: 16051

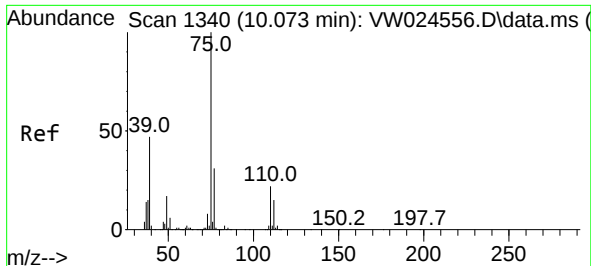
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 2.106 ug/L

RT: 10.067 min Scan# 1339

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

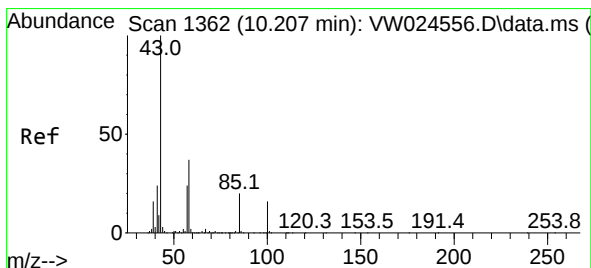
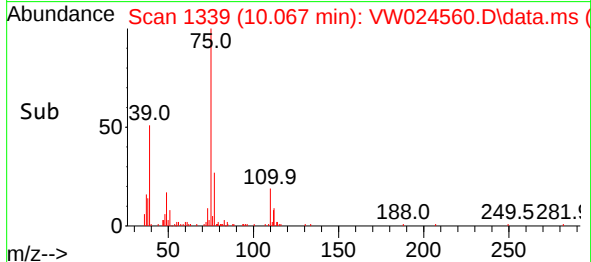
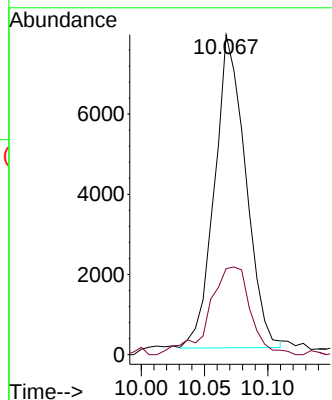
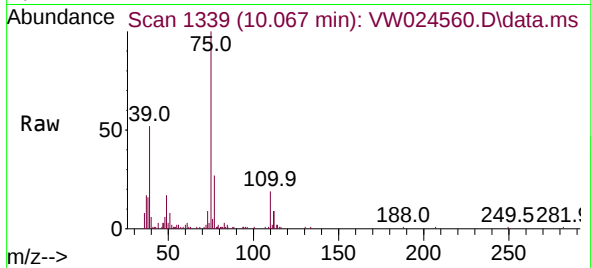
VSTD2.5437

Tgt Ion: 75 Resp: 13317

Ion Ratio Lower Upper

75 100

77 26.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 4.747 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

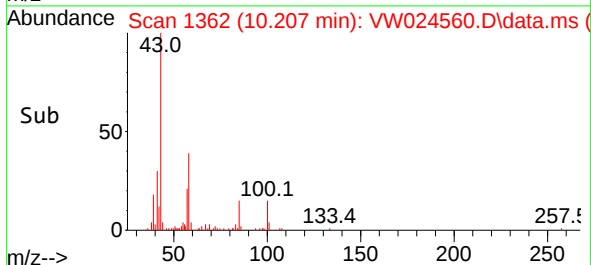
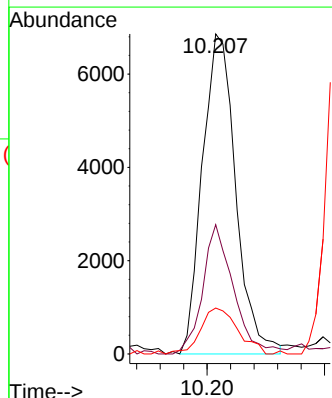
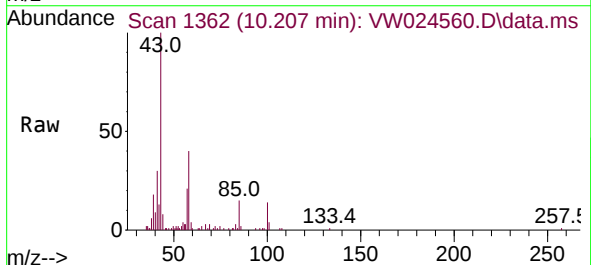
Tgt Ion: 43 Resp: 13543

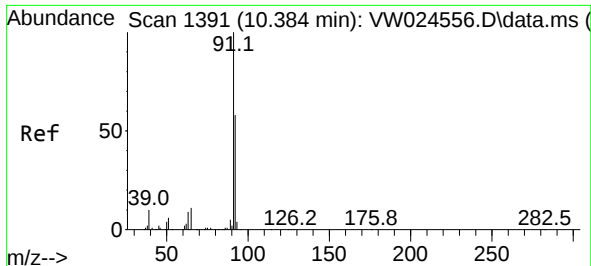
Ion Ratio Lower Upper

43 100

58 37.3 30.9 46.3

100 13.1 13.3 19.9#

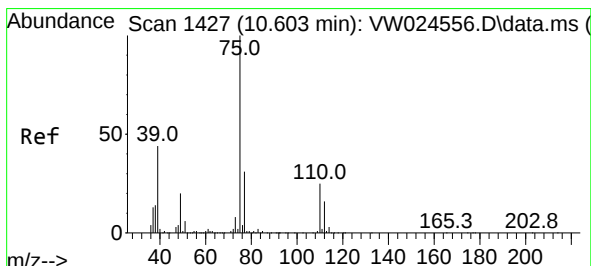
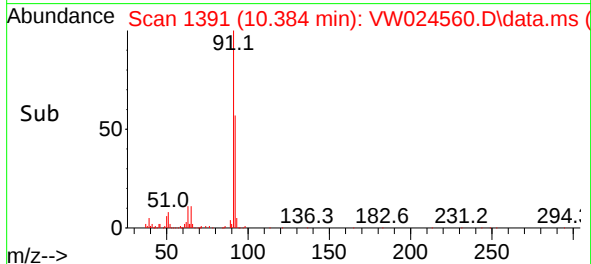
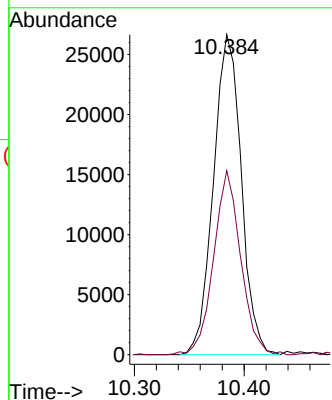
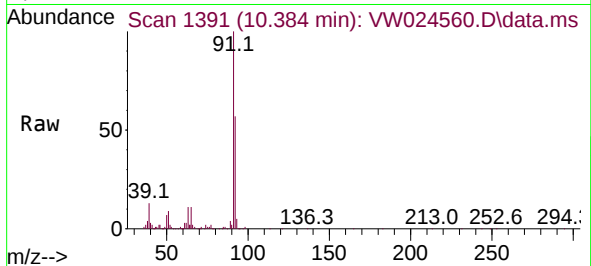




#42
Toluene
Concen: 2.463 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

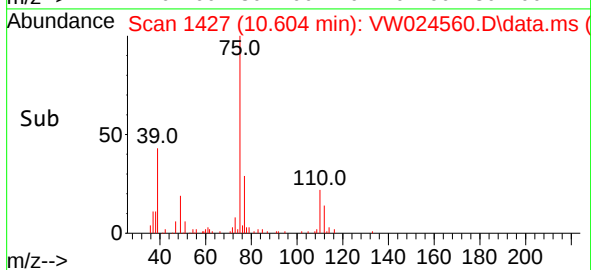
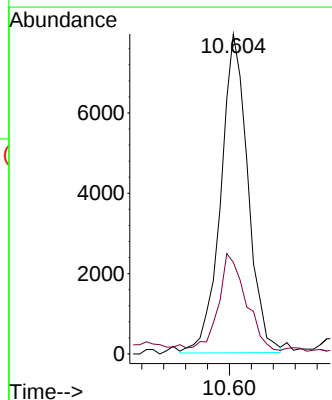
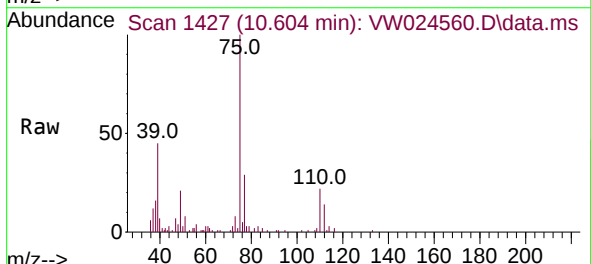
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

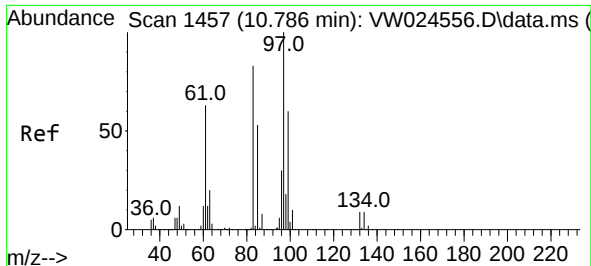
Tgt Ion: 91 Resp: 47024
Ion Ratio Lower Upper
91 100
92 57.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 2.285 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 75 Resp: 13651
Ion Ratio Lower Upper
75 100
77 28.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 2.476 ug/L

RT: 10.780 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

Tgt Ion: 97 Resp: 8950

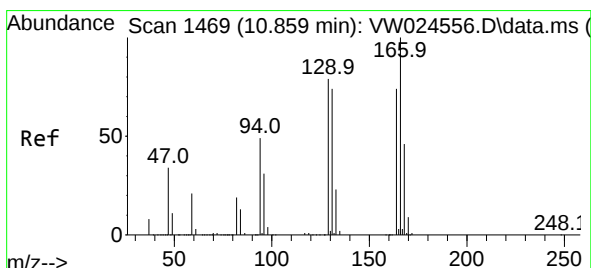
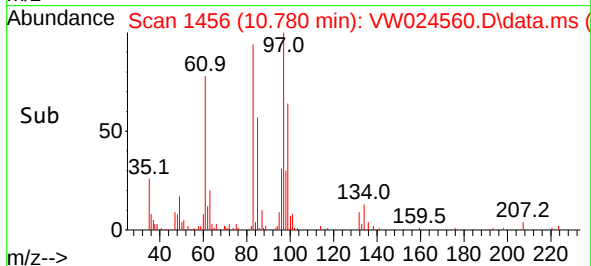
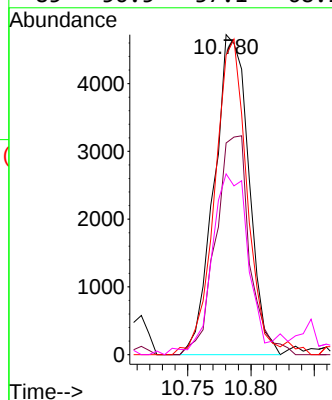
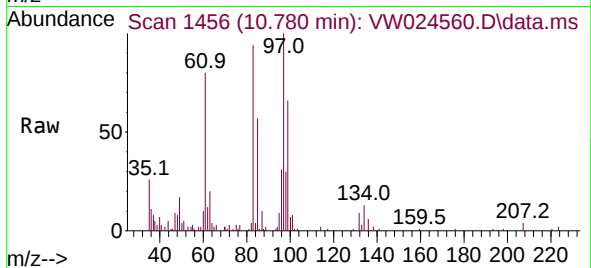
Ion Ratio Lower Upper

97 100

99 66.1 41.9 77.9

83 93.6 58.2 108.0

85 56.5 37.1 68.9



#46

Tetrachloroethene

Concen: 2.541 ug/L

RT: 10.854 min Scan# 1468

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Tgt Ion:164 Resp: 8467

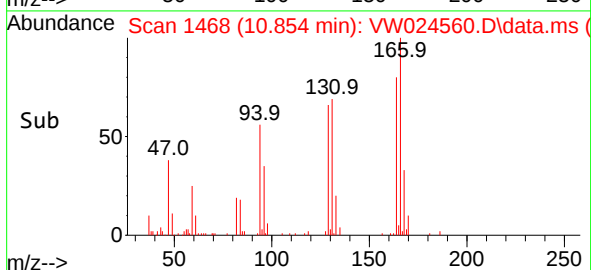
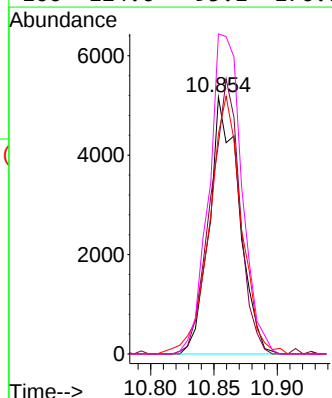
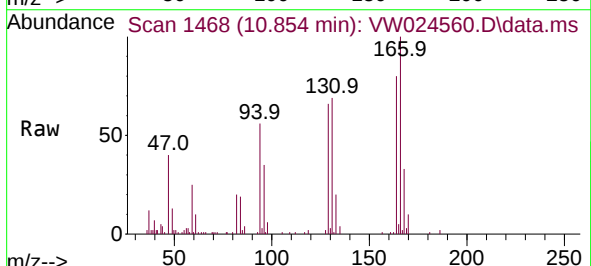
Ion Ratio Lower Upper

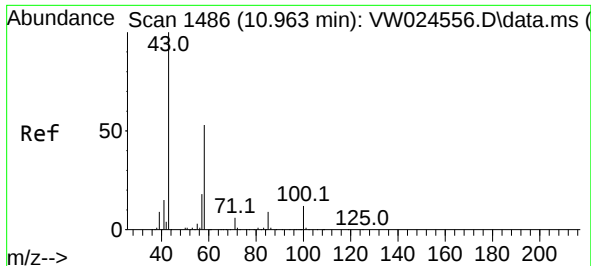
164 100

129 81.7 75.0 139.2

131 85.8 70.1 130.1

166 124.6 95.1 176.7

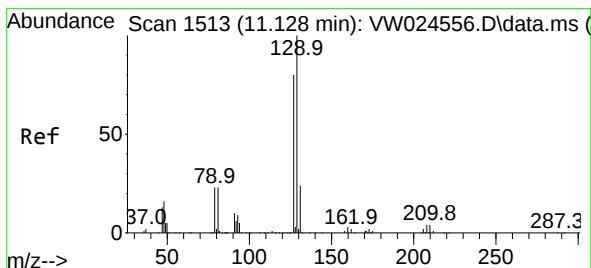
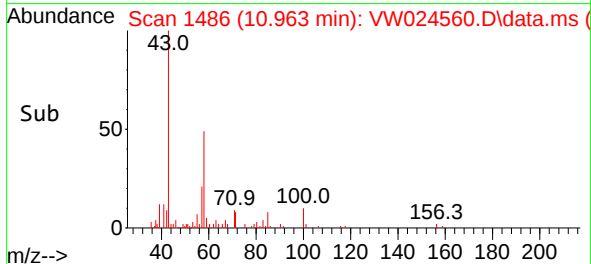
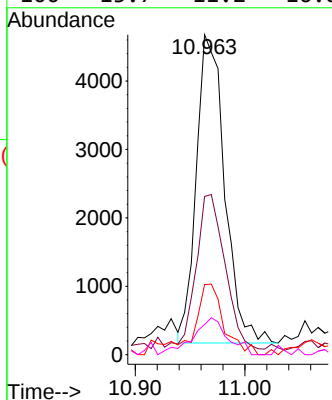
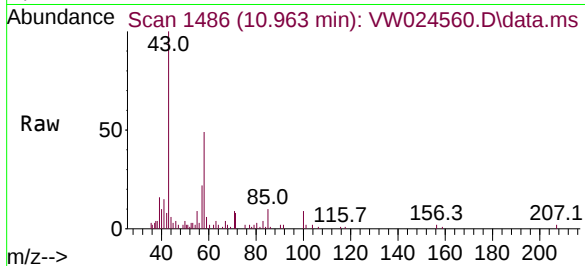




#48
2-Hexanone
Concen: 4.141 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

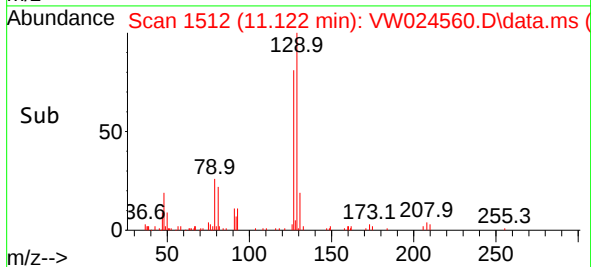
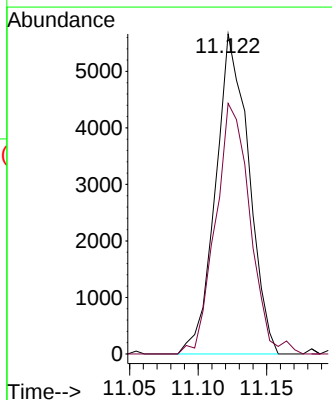
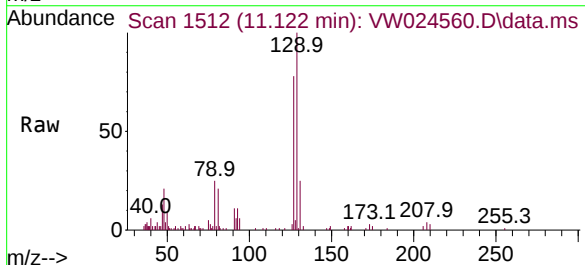
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

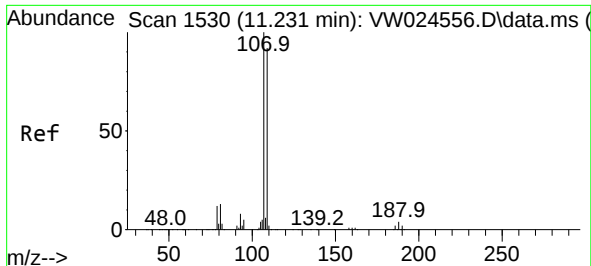
Tgt Ion:	43	Resp:	8102
Ion	Ratio	Lower	Upper
43	100		
58	56.6	43.7	65.5
57	13.2	15.3	22.9#
100	13.7	11.2	16.8



#49
Dibromochloromethane
Concen: 2.259 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion:	129	Resp:	9548
Ion	Ratio	Lower	Upper
129	100		
127	78.3	56.1	104.1

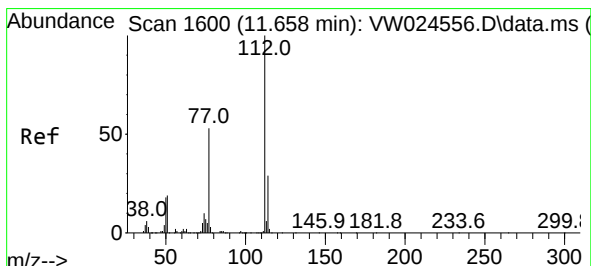
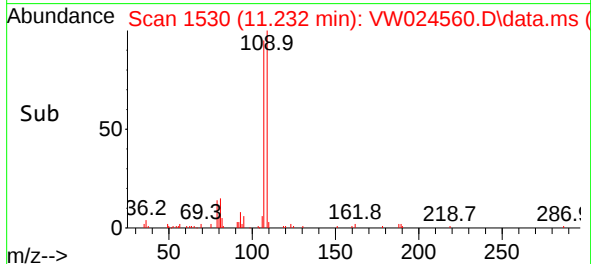
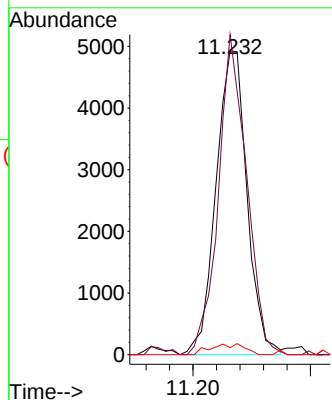
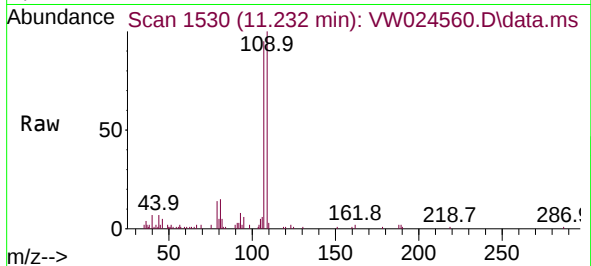




#50
1,2-Dibromoethane
Concen: 2.572 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

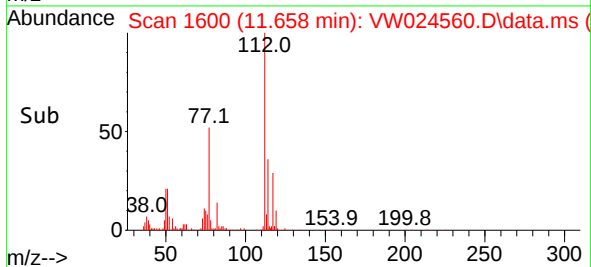
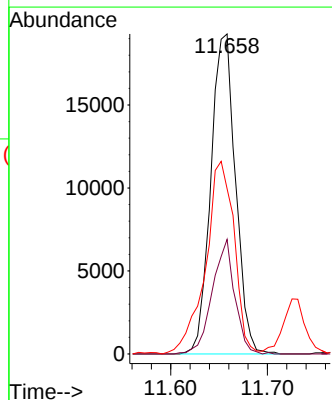
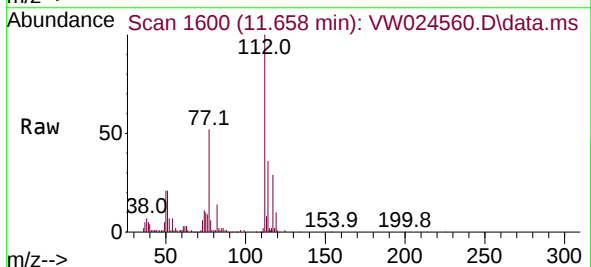
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

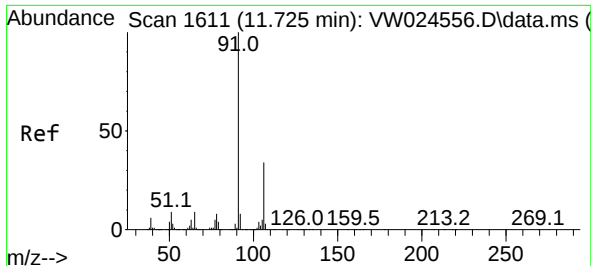
Tgt Ion:107 Resp: 9022
Ion Ratio Lower Upper
107 100
109 105.3 64.5 119.9
188 2.3 3.0 4.4#



#51
Chlorobenzene
Concen: 2.593 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion:112 Resp: 34196
Ion Ratio Lower Upper
112 100
114 35.8 20.0 37.2
77 51.7 42.6 63.8

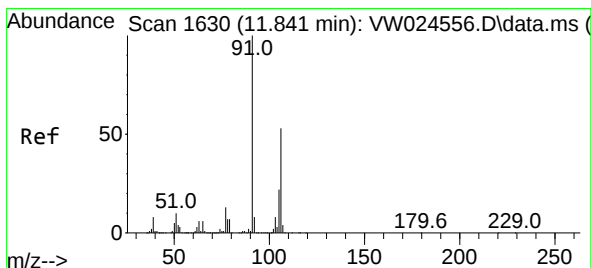
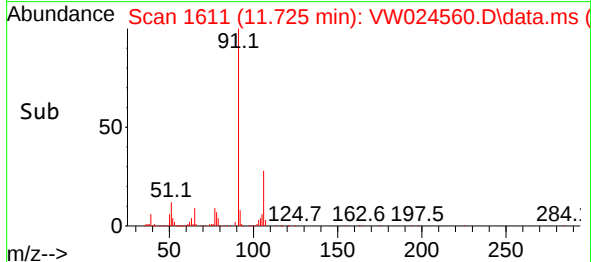
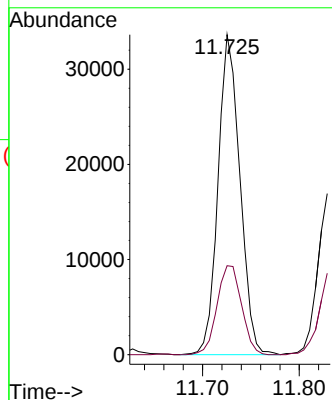
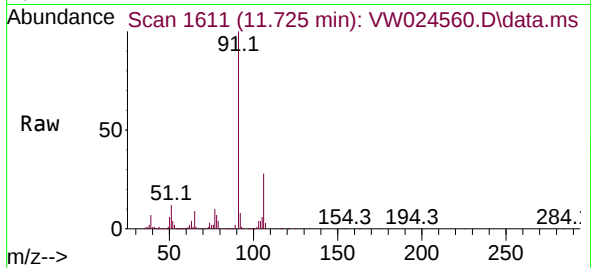




#52
Ethylbenzene
Concen: 2.435 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

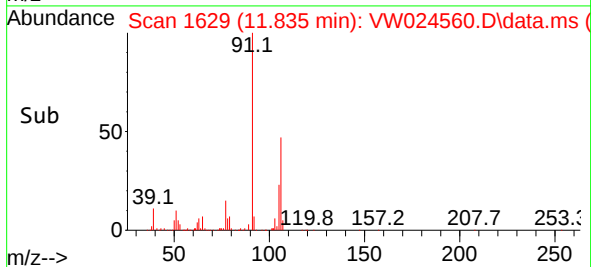
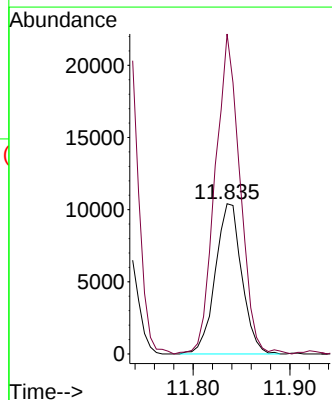
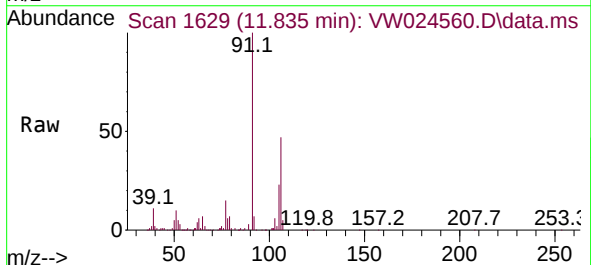
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

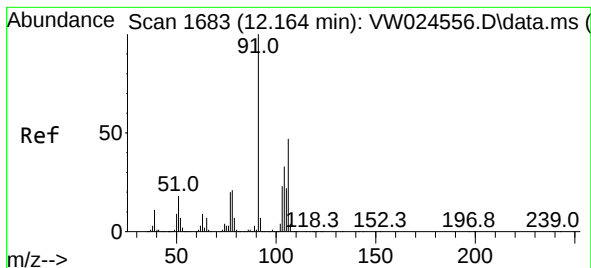
Tgt Ion: 91 Resp: 52779
Ion Ratio Lower Upper
91 100
106 27.8 23.8 44.2



#53
m,p-Xylene
Concen: 2.333 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 106 Resp: 19761
Ion Ratio Lower Upper
106 100
91 213.1 131.3 243.8





#54

o-Xylene

Concen: 2.206 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

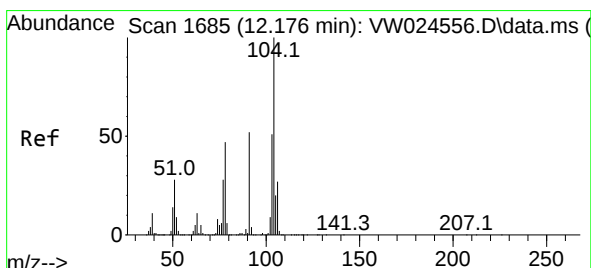
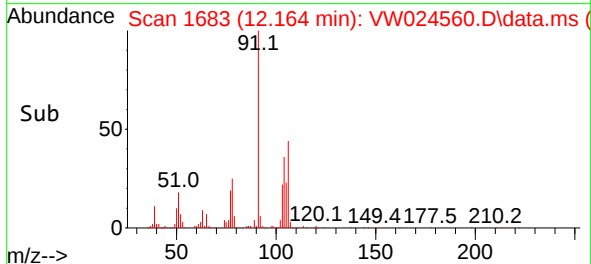
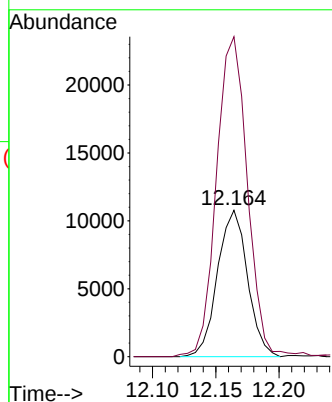
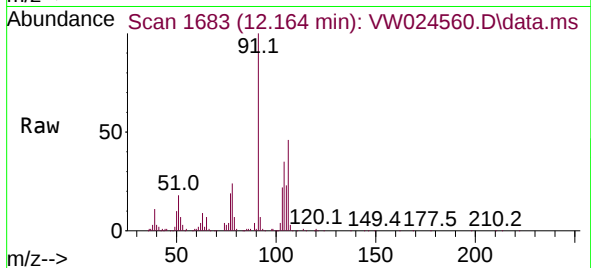
VSTD2.5437

Tgt Ion:106 Resp: 17788

Ion Ratio Lower Upper

106 100

91 218.7 148.7 276.3



#55

Styrene

Concen: 2.243 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024560.D

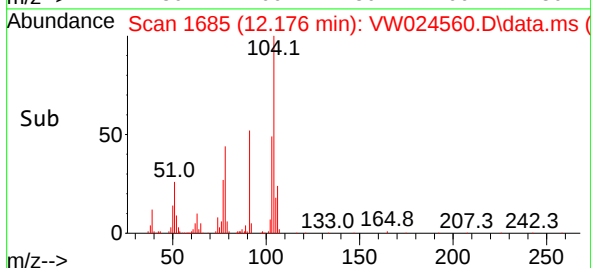
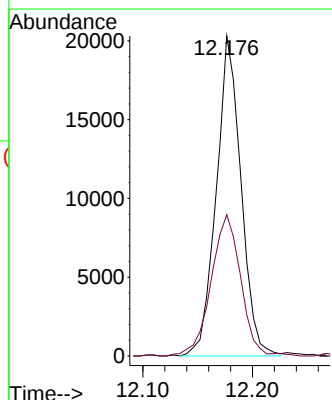
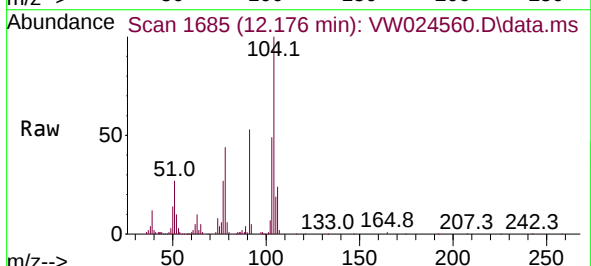
Acq: 06 Sep 2022 17:02

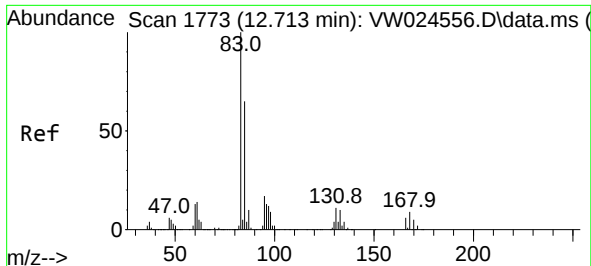
Tgt Ion:104 Resp: 31832

Ion Ratio Lower Upper

104 100

78 44.1 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 2.433 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

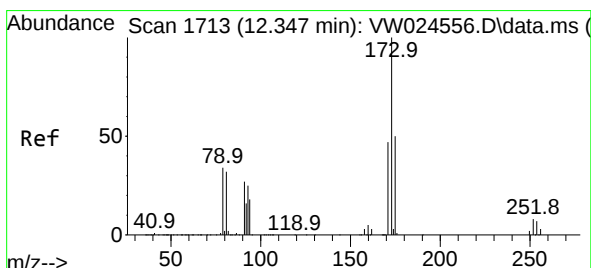
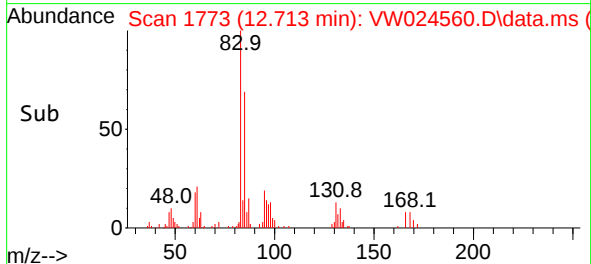
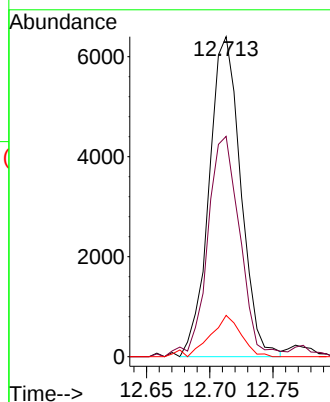
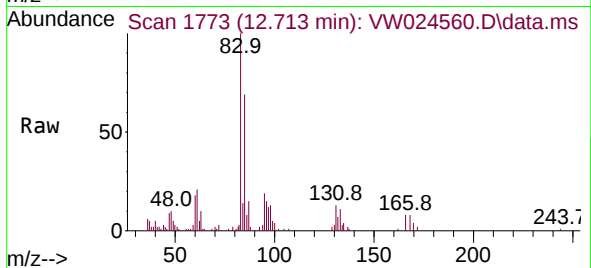
Tgt Ion: 83 Resp: 11134

Ion Ratio Lower Upper

83 100

85 68.9 45.6 84.8

131 12.9 9.0 13.4



#59

Bromoform

Concen: 2.333 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

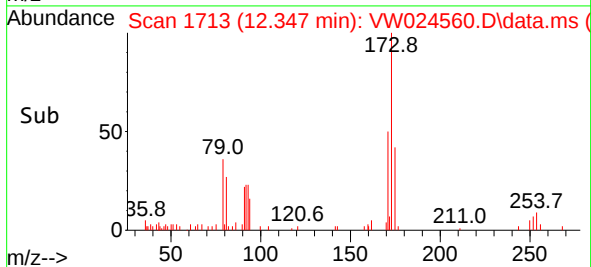
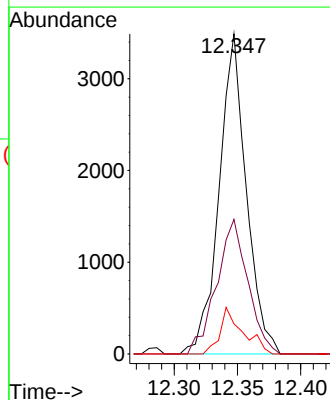
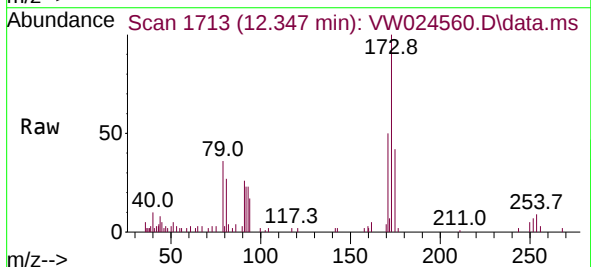
Tgt Ion: 173 Resp: 5219

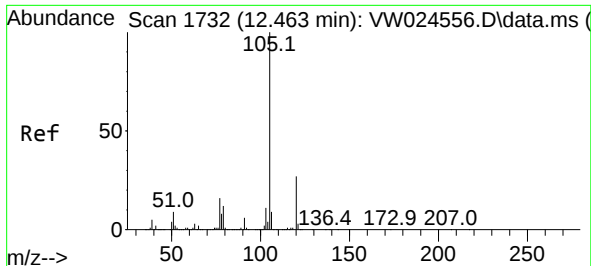
Ion Ratio Lower Upper

173 100

175 48.3 40.5 60.7

254 12.2 6.4 9.6#

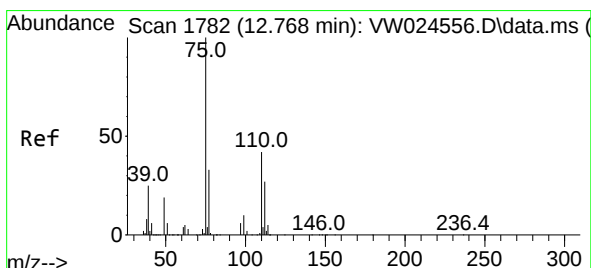
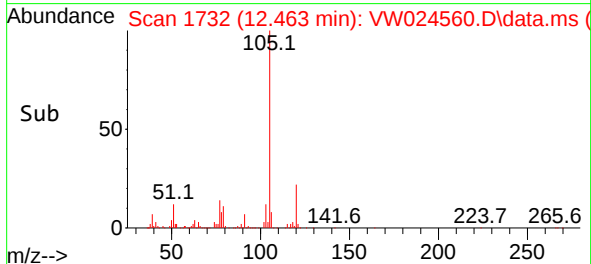
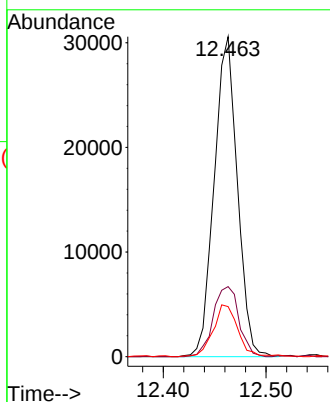
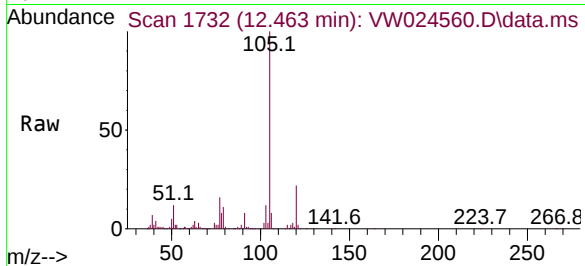




#60
Isopropylbenzene
Concen: 2.297 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

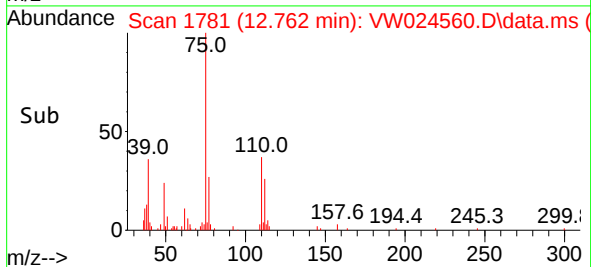
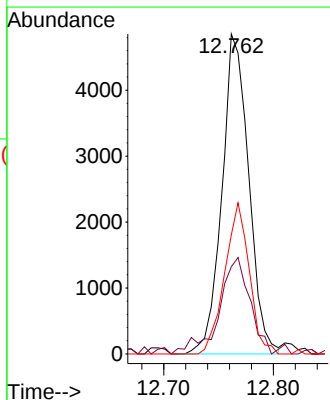
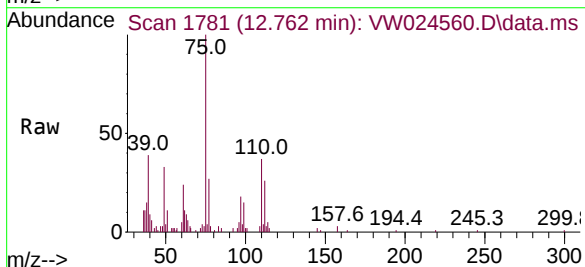
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

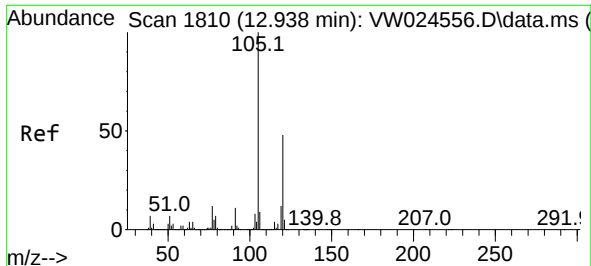
Tgt Ion:105 Resp: 47849
Ion Ratio Lower Upper
105 100
120 24.3 20.9 31.3
77 17.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 2.582 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion: 75 Resp: 8220
Ion Ratio Lower Upper
75 100
77 30.0 26.8 40.2
110 43.3 33.8 50.8

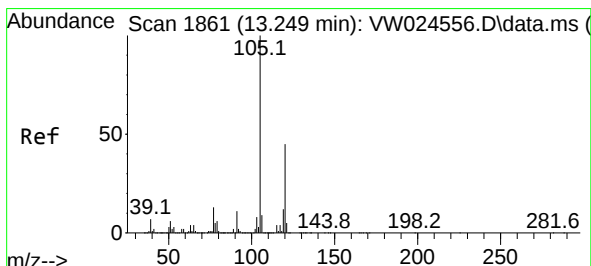
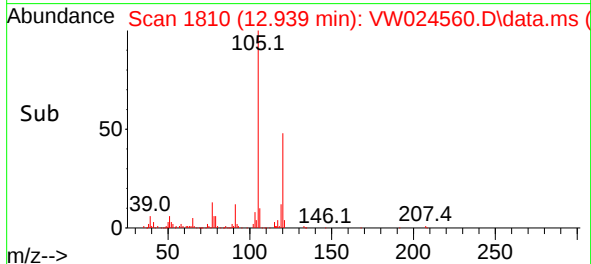
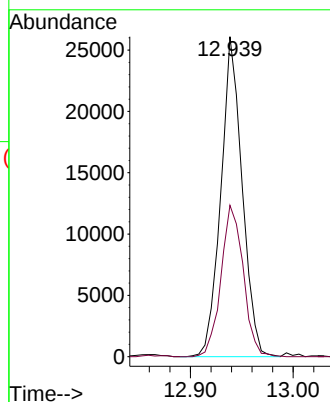
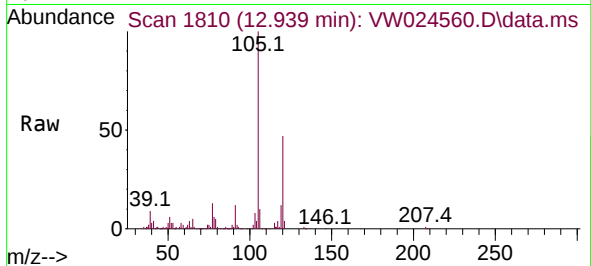




#62
1,3,5-Trimethylbenzene
Concen: 2.169 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

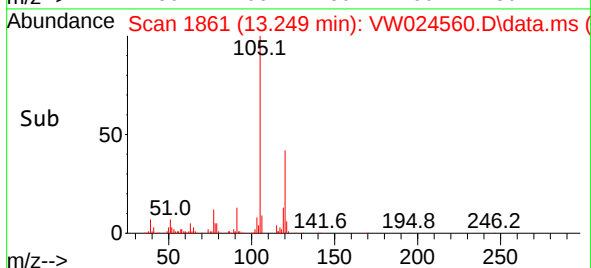
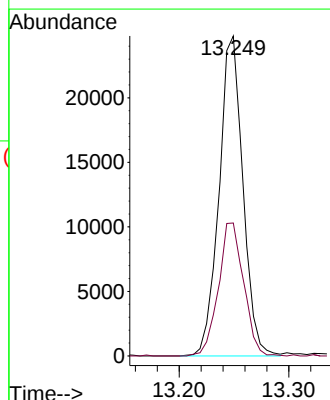
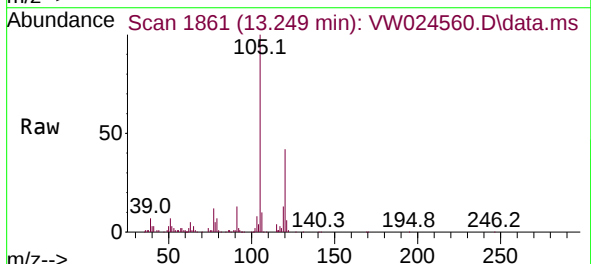
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

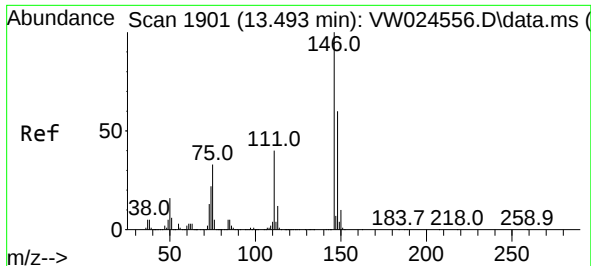
Tgt Ion:105 Resp: 37525
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 2.178 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion:105 Resp: 37510
Ion Ratio Lower Upper
105 100
120 43.7 36.7 55.1

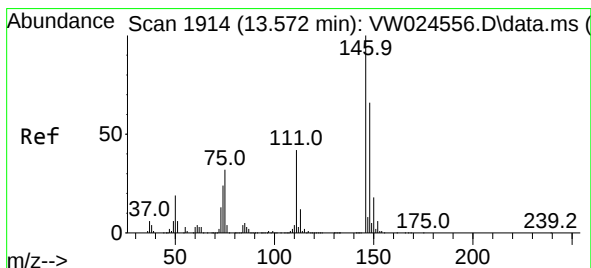
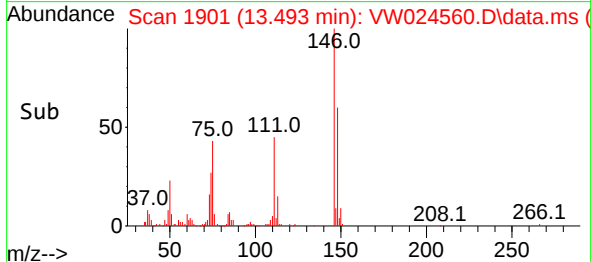
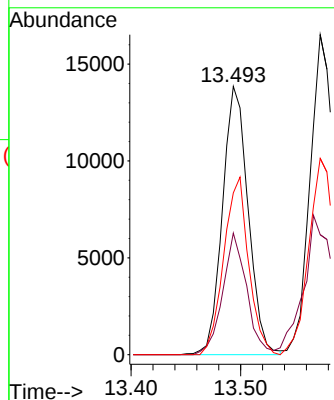
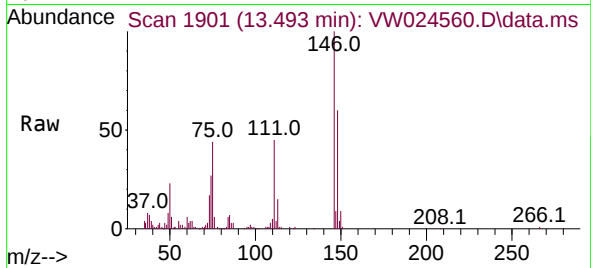




#64
1,3-Dichlorobenzene
Concen: 2.402 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

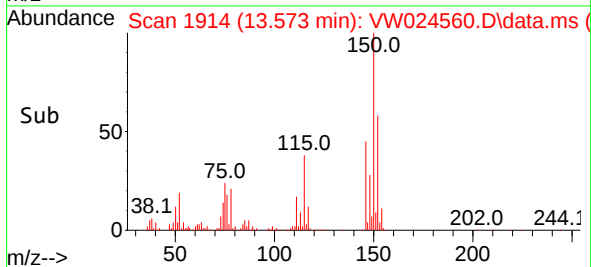
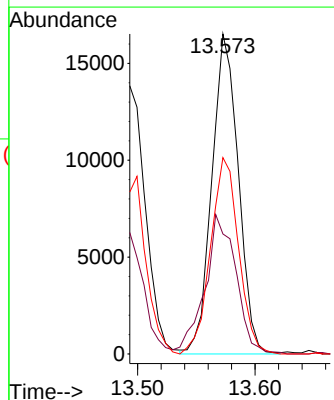
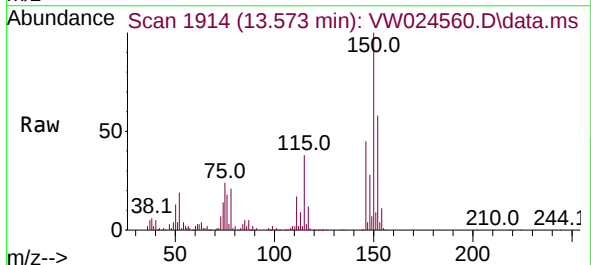
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5437

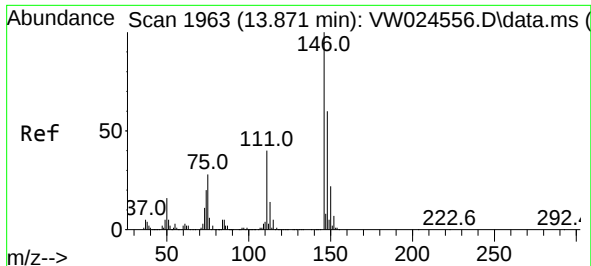
Tgt Ion:146 Resp: 22549
Ion Ratio Lower Upper
146 100
111 45.3 28.3 52.5
148 60.3 42.2 78.4



#65
1,4-Dichlorobenzene
Concen: 2.616 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024560.D
Acq: 06 Sep 2022 17:02

Tgt Ion:146 Resp: 25882
Ion Ratio Lower Upper
146 100
111 37.5 29.3 54.3
148 61.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 2.553 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

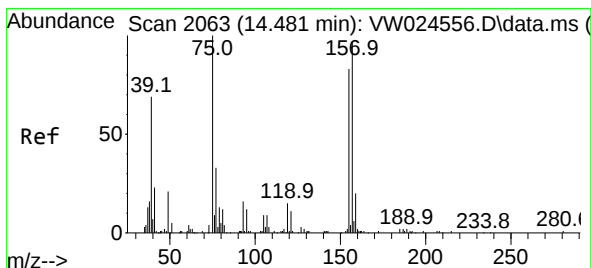
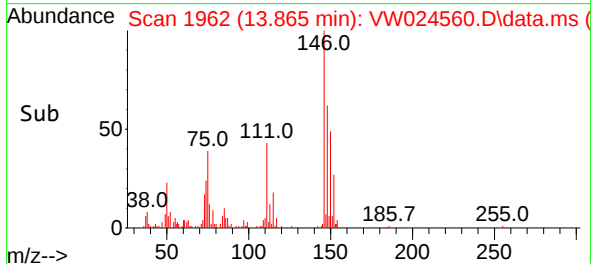
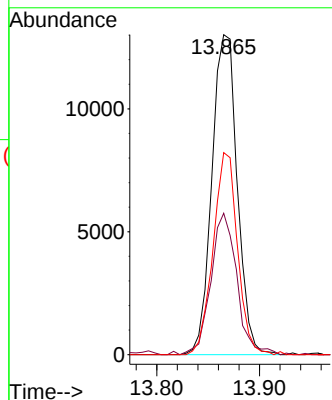
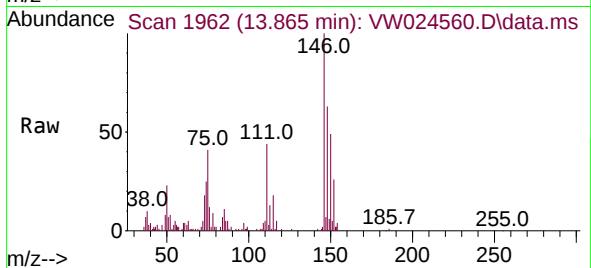
Tgt Ion:146 Resp: 22347

Ion Ratio Lower Upper

146 100

111 44.2 32.2 48.4

148 63.2 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 3.273 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

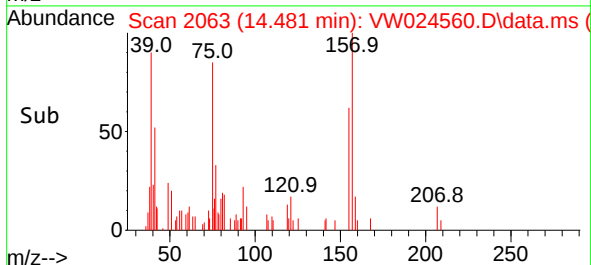
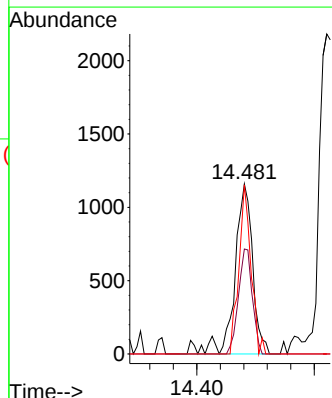
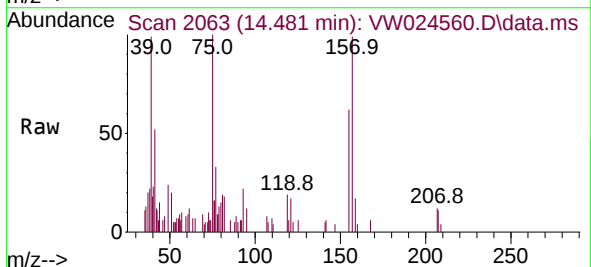
Tgt Ion: 75 Resp: 2465

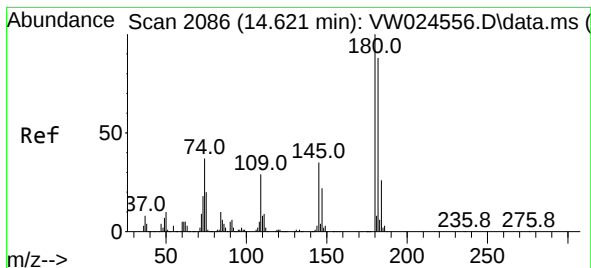
Ion Ratio Lower Upper

75 100

155 61.7 66.3 99.5#

157 99.4 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 2.269 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

Tgt Ion:180 Resp: 13833

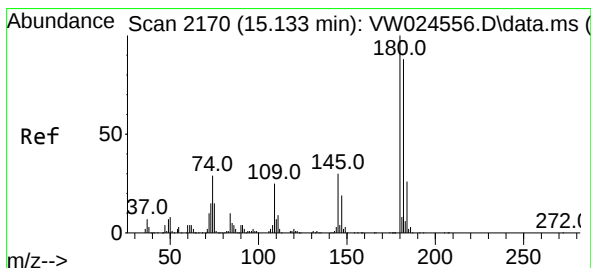
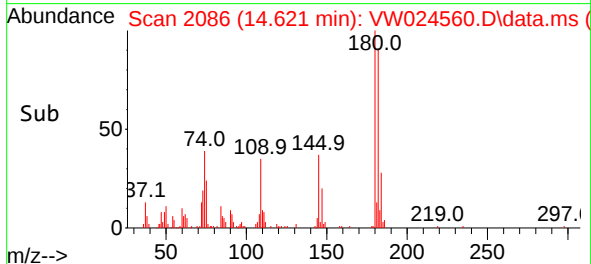
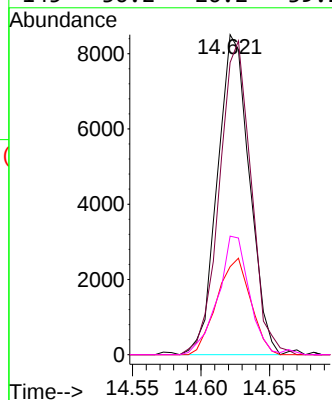
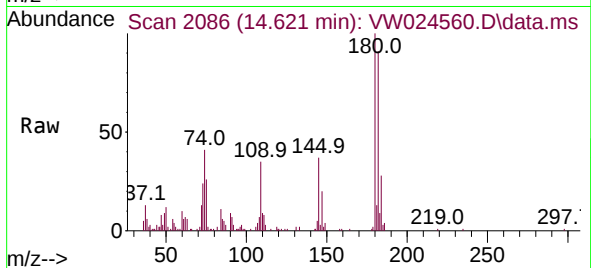
Ion Ratio Lower Upper

180 100

182 96.8 72.4 108.6

184 31.8 22.8 34.2

145 36.2 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 2.168 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

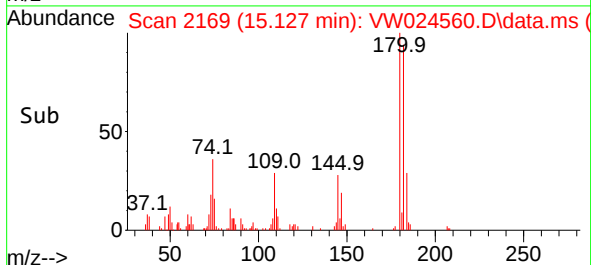
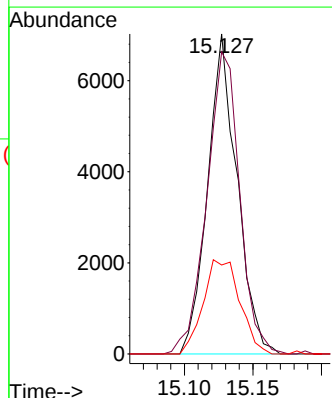
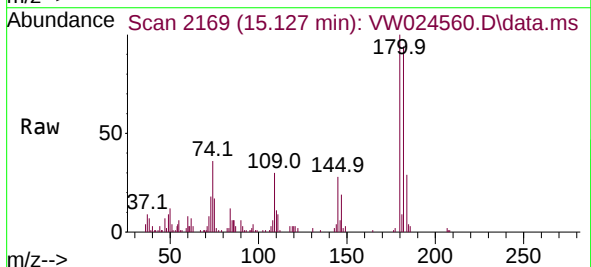
Tgt Ion:180 Resp: 10490

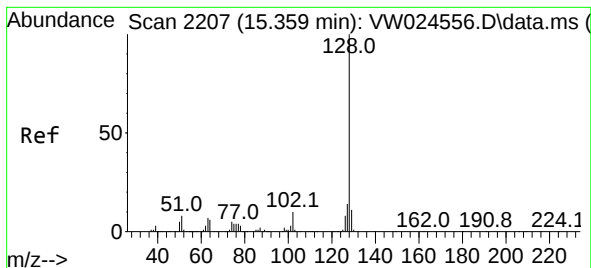
Ion Ratio Lower Upper

180 100

182 105.0 73.8 110.6

145 36.7 26.6 39.8





#71

Naphthalene

Concen: 1.988 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5437

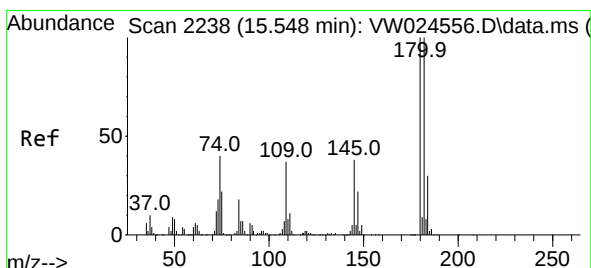
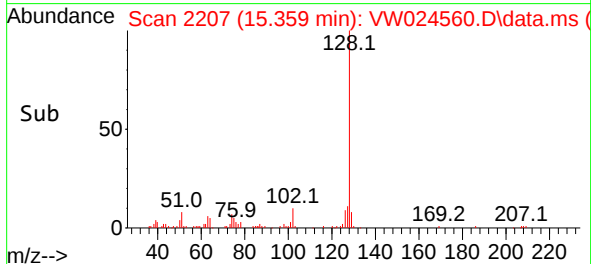
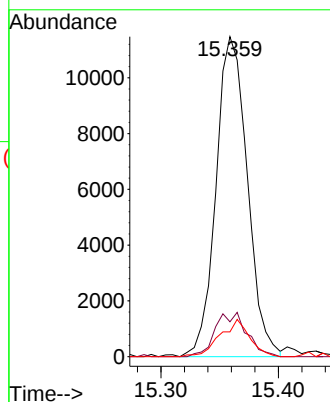
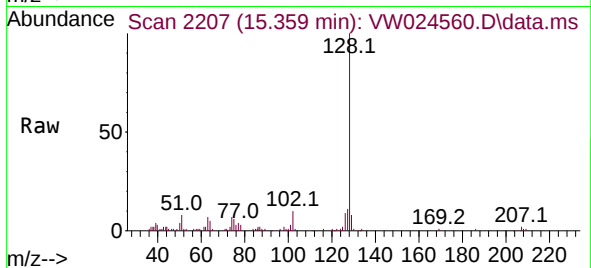
Tgt Ion:128 Resp: 21281

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.369 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024560.D

Acq: 06 Sep 2022 17:02

Tgt Ion:180 Resp: 10664

Ion Ratio Lower Upper

180 100

182 91.3 78.7 118.1

145 35.8 28.1 42.1

