

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024559.D
 Acq On : 06 Sep 2022 15:27
 Operator : SY/VA
 Sample : VSTD00536
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005436

Quant Time: Sep 07 04:37:08 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	321746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	306159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32826	4.942	ug/L	0.00
7) Chloroethane-d5	2.873	69	25629	5.189	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.001	63	16308	2.328	ug/L	-0.01
21) 2-Butanone-d5	7.348	46	37	0.033	ug/L	0.27
24) Chloroform-d	7.647	84	43855	5.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	24192	5.236	ug/L	0.00
32) Benzene-d6	8.269	84	81662	5.423	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	25219	5.680	ug/L	0.00
41) Toluene-d8	10.317	98	77601	5.286	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	10298	5.175	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7249	8.882	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	21455	5.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26948	5.330	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	7815	5.177	ug/L	98
3) Chloromethane	2.215	50	27078	5.650	ug/L	97
5) Vinyl chloride	2.355	62	44390	5.494	ug/L	99
6) Bromomethane	2.764	94	33685	6.396	ug/L	95
8) Chloroethane	2.910	64	25678	5.842	ug/L	96
9) Trichlorofluoromethane	3.245	101	26576	5.690	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	24669	5.732	ug/L #	90
12) 1,1-Dichloroethene	4.019	96	20114	5.468	ug/L	92
13) Acetone	4.129	43	9803	10.937	ug/L	91
14) Carbon disulfide	4.373	76	56931	5.849	ug/L	99
15) Methyl Acetate	4.477	43	86	0.044	ug/L	97
16) Methylene chloride	4.909	84	31783	6.620	ug/L	96
17) trans-1,2-Dichloroethene	5.409	96	15268	3.629	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	36683	4.889	ug/L #	65
19) 1,1-Dichloroethane	6.208	63	41002	5.348	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	24693	5.223	ug/L	87
22) 2-Butanone	7.177	43	15015	10.193	ug/L	80
23) Bromochloromethane	7.507	128	11083	5.067	ug/L	86
25) Chloroform	7.671	83	44582	5.235	ug/L	97
27) 1,2-Dichloroethane	8.397	62	29473	5.149	ug/L #	93
29) Cyclohexane	7.946	56	31797	5.365	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	36829	5.485	ug/L	99
31) Carbon tetrachloride	8.061	117	34986	5.705	ug/L	96
33) Benzene	8.323	78	97324	5.601	ug/L	100
34) Trichloroethene	9.092	95	25175	5.547	ug/L	97
35) Methylcyclohexane	9.329	83	40371	5.560	ug/L	97
37) 1,2-Dichloropropane	9.366	63	23468	5.408	ug/L	98
38) Bromodichloromethane	9.640	83	32367	5.277	ug/L	100
39) cis-1,3-Dichloropropene	10.067	75	32225	5.078	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	26217	9.158	ug/L	100
42) Toluene	10.384	91	102069	5.328	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	29611	4.940	ug/L	97

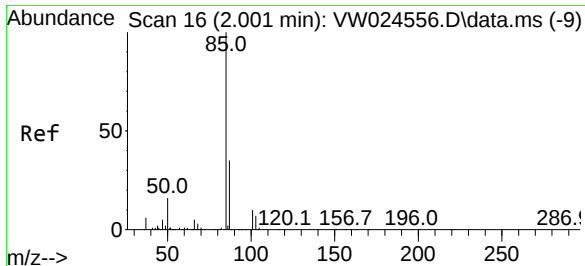
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024559.D
 Acq On : 06 Sep 2022 15:27
 Operator : SY/VA
 Sample : VSTD00536
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005436

Quant Time: Sep 07 04:37:08 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)
45) 1,1,2-Trichloroethane	10.786	97	19137	5.276	ug/L	98
46) Tetrachloroethene	10.860	164	17479	5.227	ug/L	98
48) 2-Hexanone	10.969	43	18706	9.528	ug/L	98
49) Dibromochloromethane	11.128	129	21051	4.965	ug/L	94
50) 1,2-Dibromoethane	11.232	107	17382	4.938	ug/L	97
51) Chlorobenzene	11.652	112	70547	5.330	ug/L	92
52) Ethylbenzene	11.725	91	112968	5.194	ug/L	92
53) m,p-Xylene	11.835	106	43901	5.166	ug/L	89
54) o-Xylene	12.164	106	40286	4.979	ug/L	88
55) Styrene	12.176	104	70458	4.947	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23322	5.079	ug/L	99
59) Bromoform	12.353	173	10658	4.593	ug/L #	97
60) Isopropylbenzene	12.463	105	112056	5.185	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	17646	5.343	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	89145	4.967	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	91611	5.129	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	50901	5.227	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	55177	5.375	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	47462	5.226	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	3653	4.675	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	33822	5.347	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	25316	5.044	ug/L	96
71) Naphthalene	15.365	128	49937	4.497	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	23699	5.075	ug/L	99

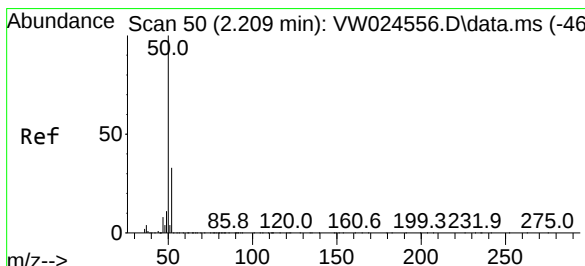
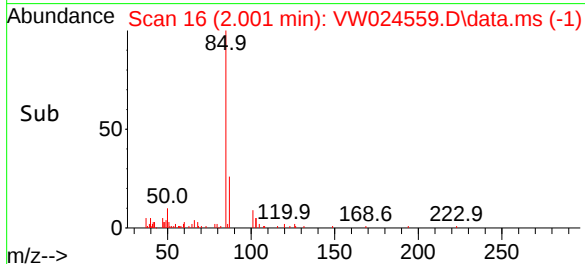
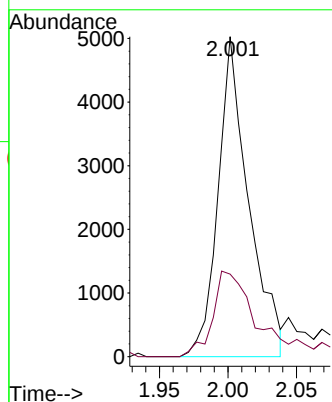
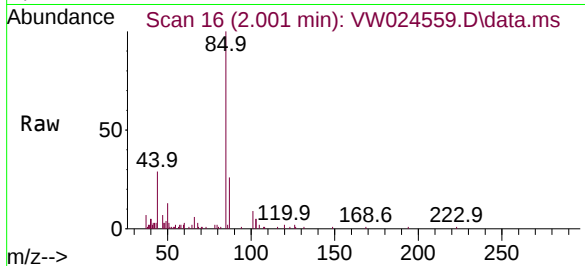
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.177 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024559.D
 Acq: 06 Sep 2022 15:27

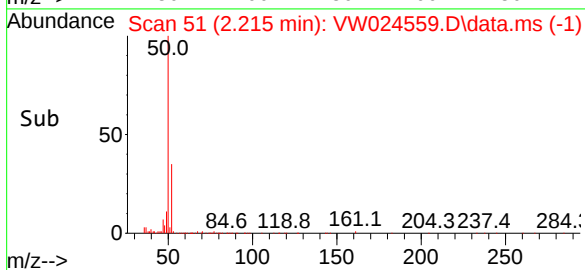
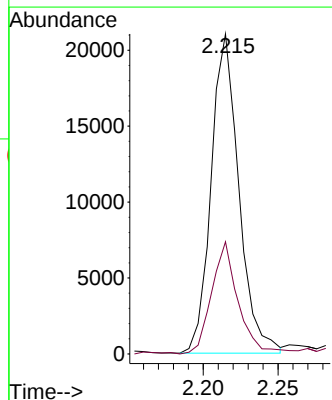
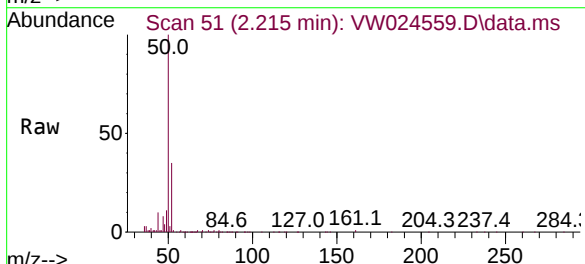
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005436

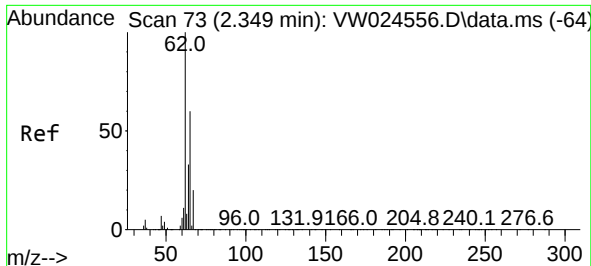
Tgt Ion: 85 Resp: 7815
 Ion Ratio Lower Upper
 85 100
 87 31.5 24.2 36.2



#3
 Chloromethane
 Concen: 5.650 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024559.D
 Acq: 06 Sep 2022 15:27

Tgt Ion: 50 Resp: 27078
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.3 43.3

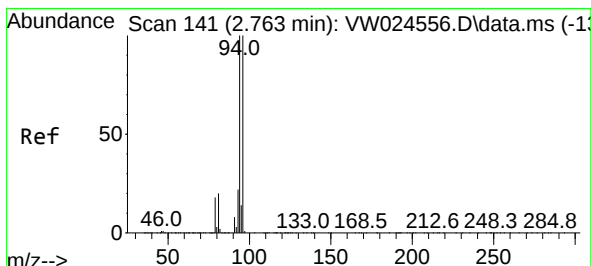
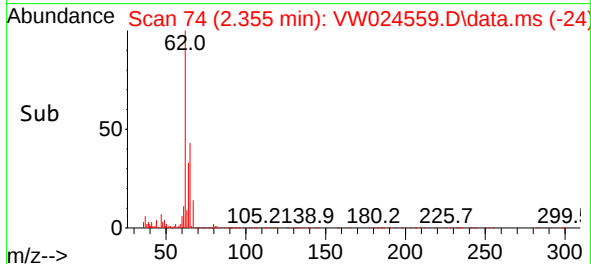
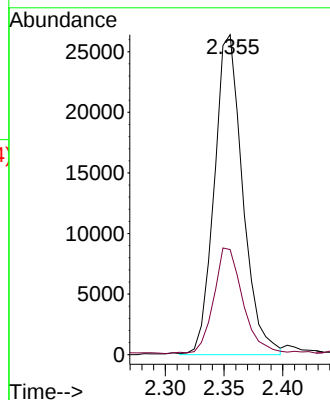
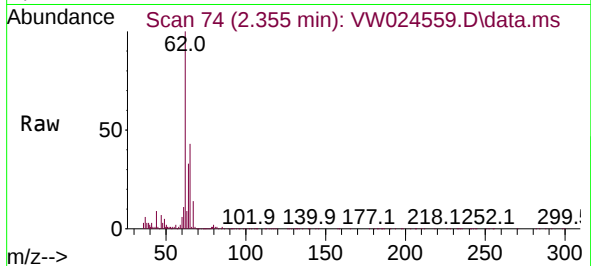




#5
 Vinyl chloride
 Concen: 5.494 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024559.D
 Acq: 06 Sep 2022 15:27

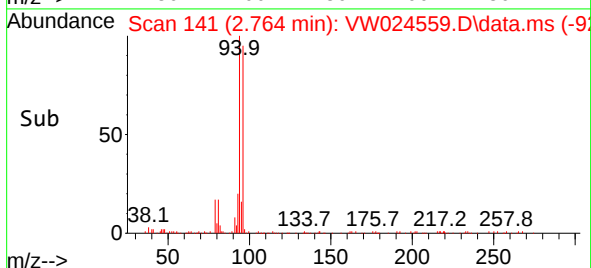
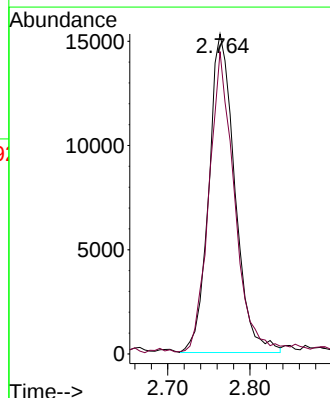
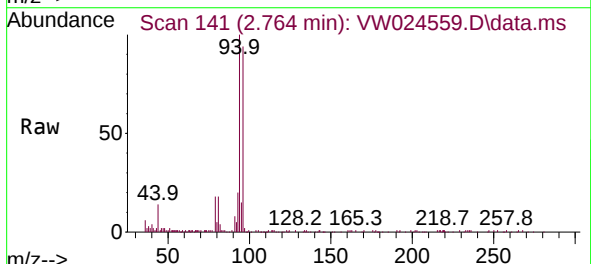
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005436

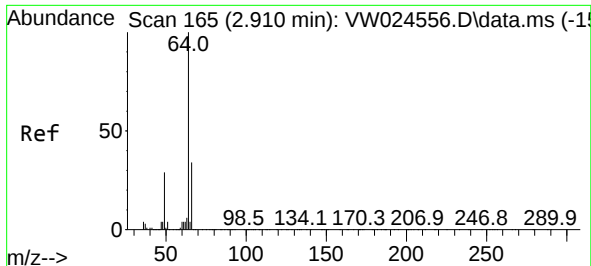
Tgt Ion: 62 Resp: 44390
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#6
 Bromomethane
 Concen: 6.396 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024559.D
 Acq: 06 Sep 2022 15:27

Tgt Ion: 94 Resp: 33685
 Ion Ratio Lower Upper
 94 100
 96 94.5 69.8 129.6

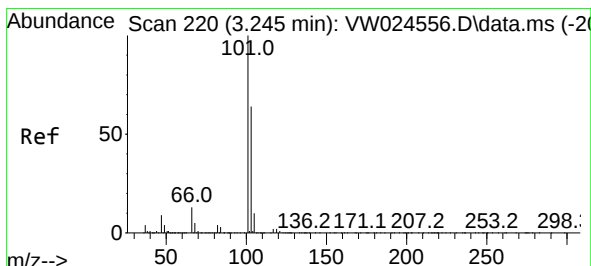
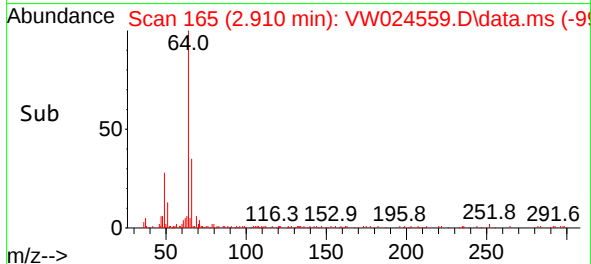
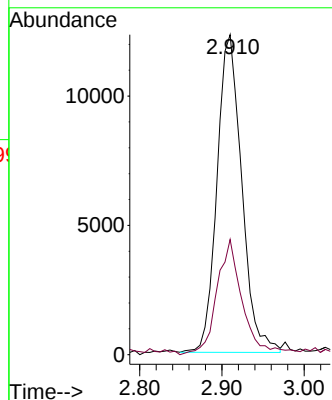
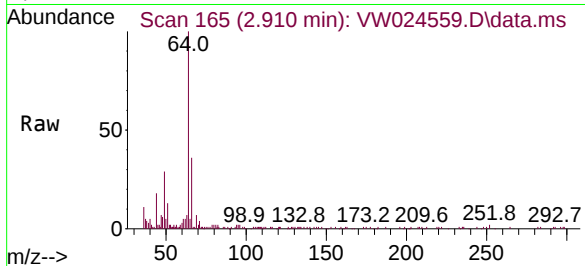




#8
Chloroethane
Concen: 5.842 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

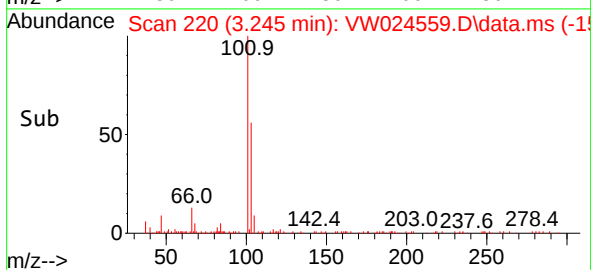
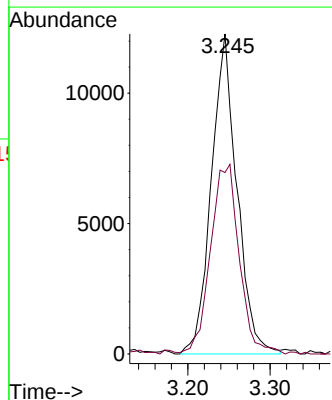
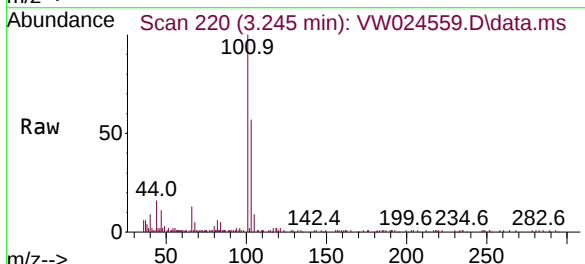
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

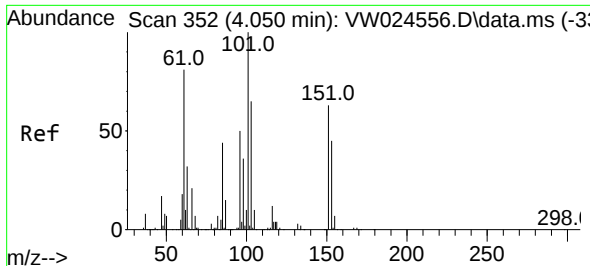
Tgt Ion: 64 Resp: 25678
Ion Ratio Lower Upper
64 100
66 36.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.690 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 101 Resp: 26576
Ion Ratio Lower Upper
101 100
103 66.3 52.5 78.7

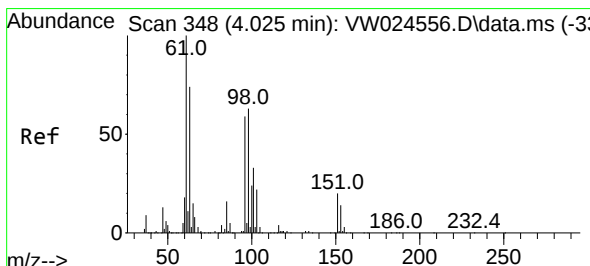
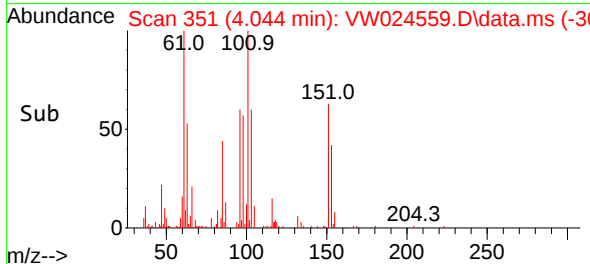
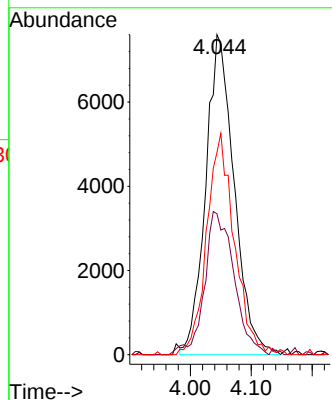
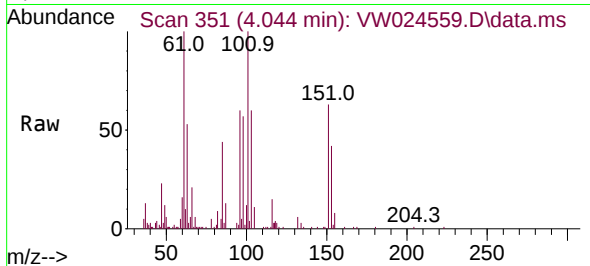




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.732 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW024559.D
 Acq: 06 Sep 2022 15:27

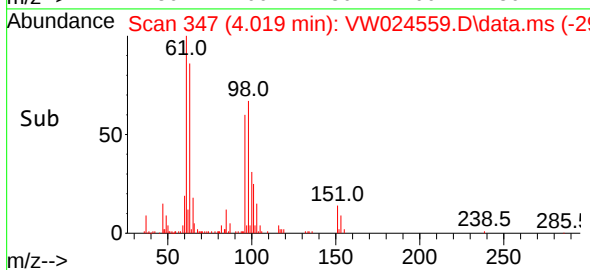
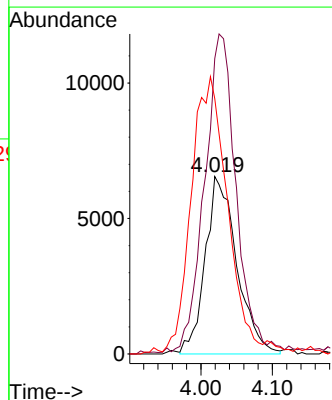
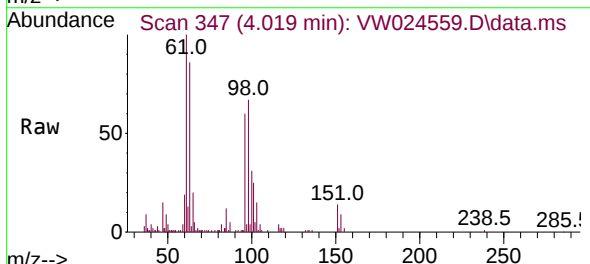
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005436

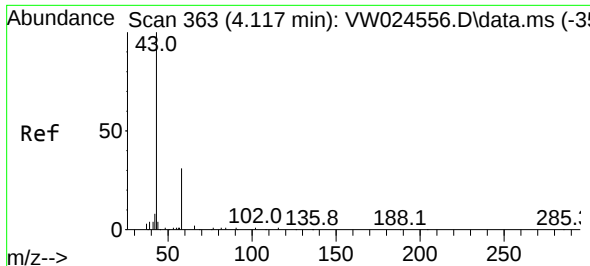
Tgt Ion:101 Resp: 24669
 Ion Ratio Lower Upper
 101 100
 85 45.0 21.8 32.8#
 151 66.7 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 5.468 ug/L
 RT: 4.019 min Scan# 347
 Delta R.T. -0.006 min
 Lab File: VW024559.D
 Acq: 06 Sep 2022 15:27

Tgt Ion: 96 Resp: 20114
 Ion Ratio Lower Upper
 96 100
 61 166.5 119.8 222.6
 63 143.9 89.6 166.4

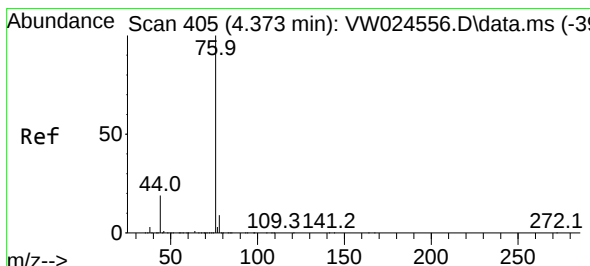
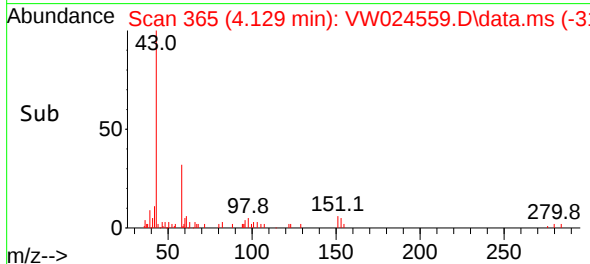
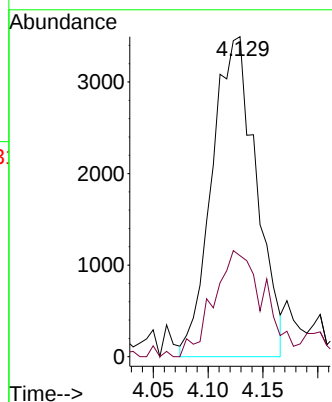
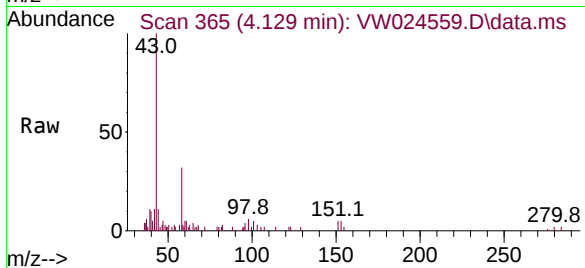




#13
Acetone
Concen: 10.937 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

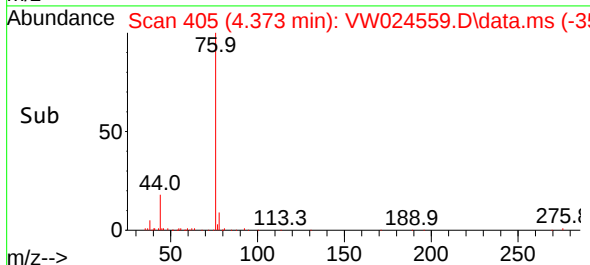
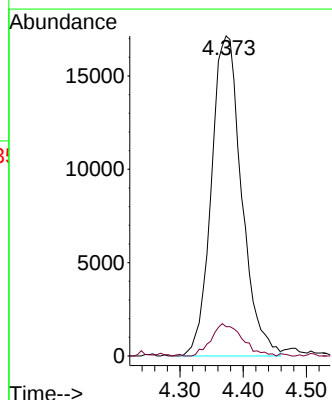
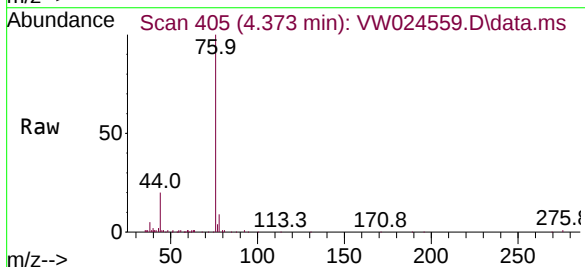
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

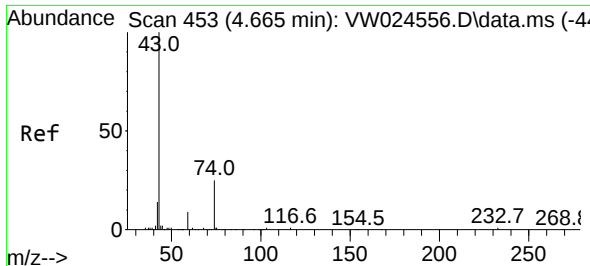
Tgt Ion: 43 Resp: 9803
Ion Ratio Lower Upper
43 100
58 24.0 0.0 57.8



#14
Carbon disulfide
Concen: 5.849 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 76 Resp: 56931
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

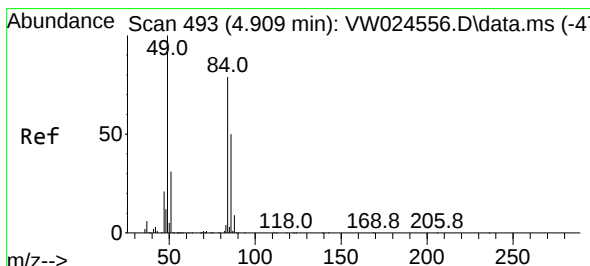
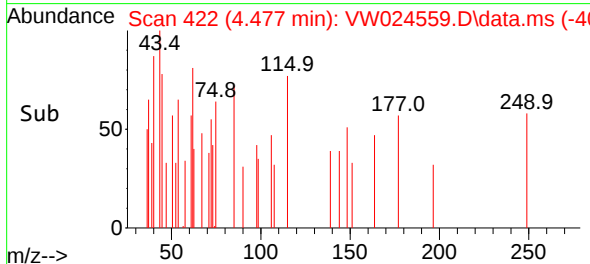
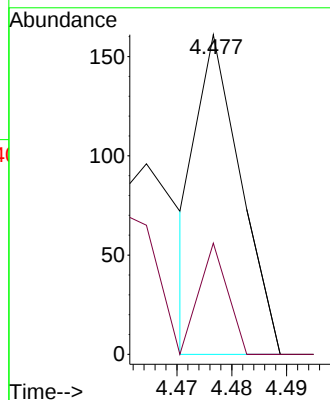
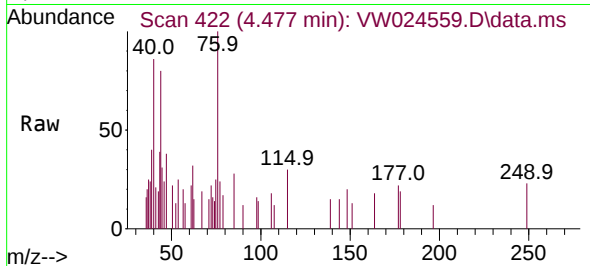




#15
Methyl Acetate
Concen: 0.044 ug/L
RT: 4.477 min Scan# 41
Delta R.T. -0.189 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

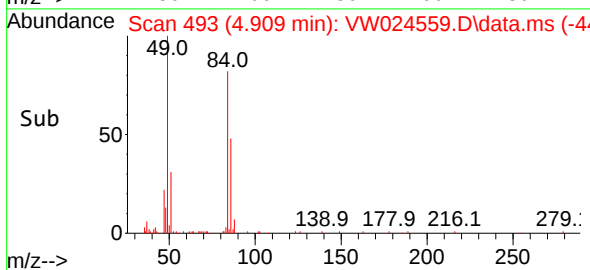
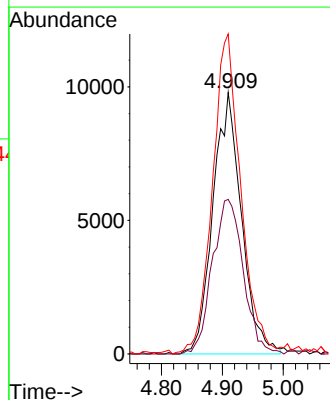
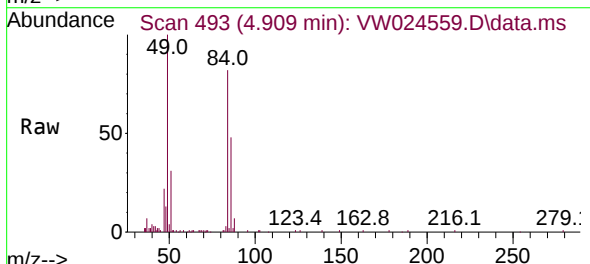
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

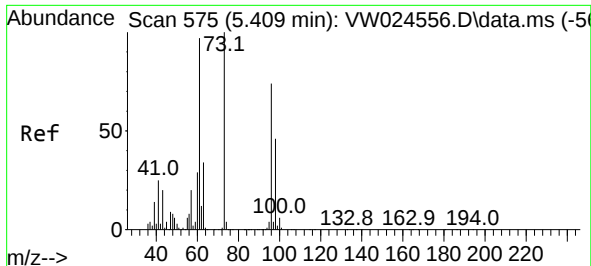
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
74 23.3 19.9 29.9



#16
Methylene chloride
Concen: 6.620 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 84 Resp: 31783
Ion Ratio Lower Upper
84 100
86 59.1 44.4 82.5
49 122.4 88.5 164.3

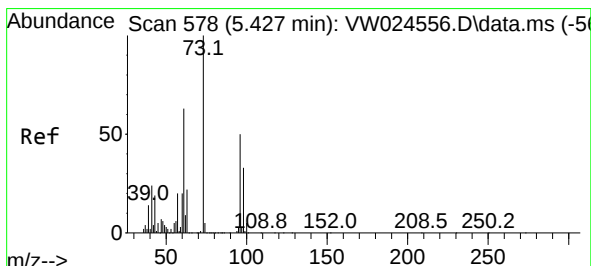
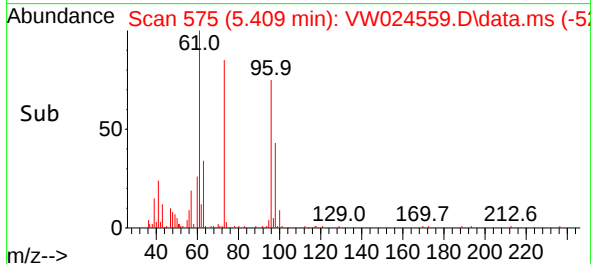
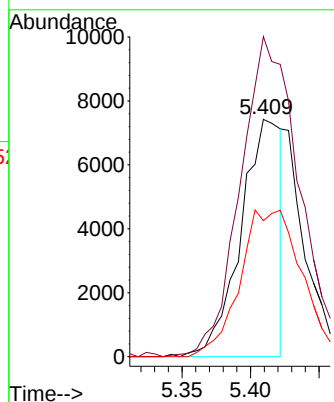
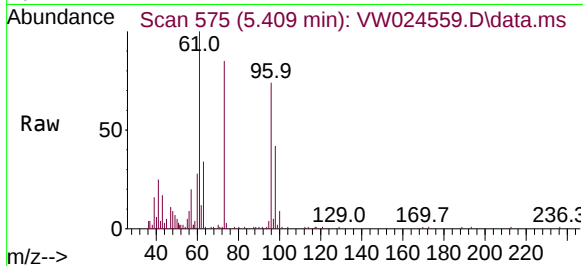




#17
trans-1,2-Dichloroethene
Concen: 3.629 ug/L
RT: 5.409 min Scan# 575
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

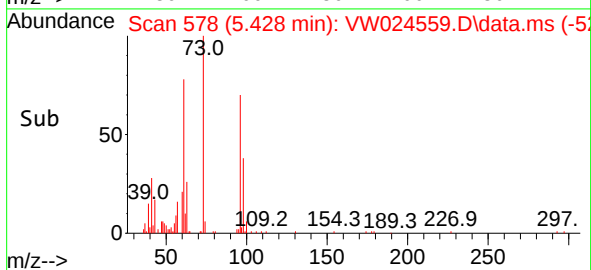
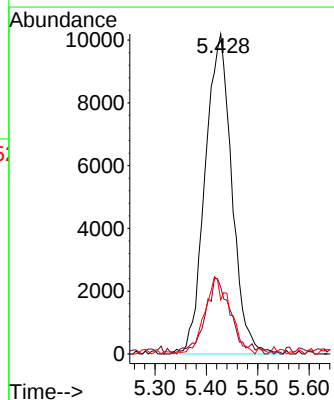
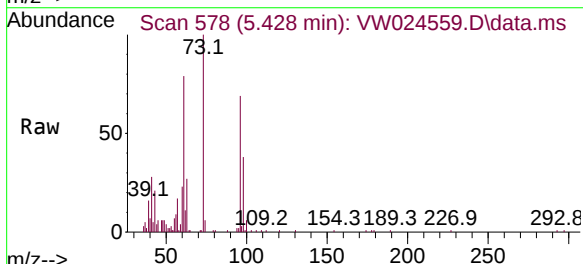
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

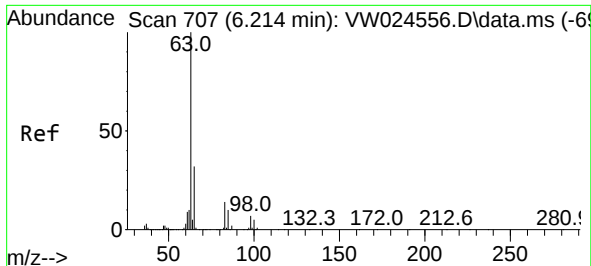
Tgt Ion: 96 Resp: 15268
Ion Ratio Lower Upper
96 100
61 134.8 91.7 170.3
98 57.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 4.889 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 73 Resp: 36683
Ion Ratio Lower Upper
73 100
43 0.6 16.7 25.1#
57 8.5 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 5.348 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

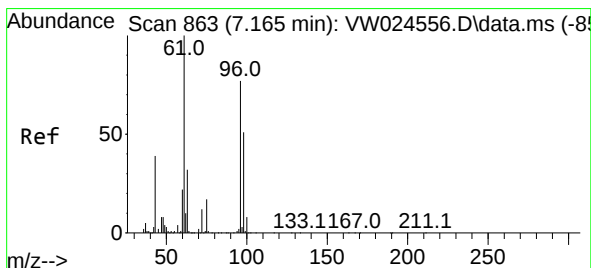
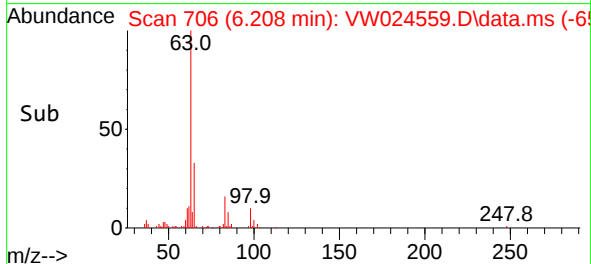
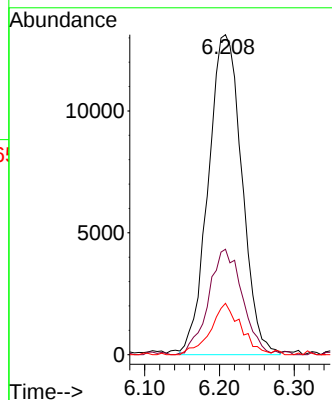
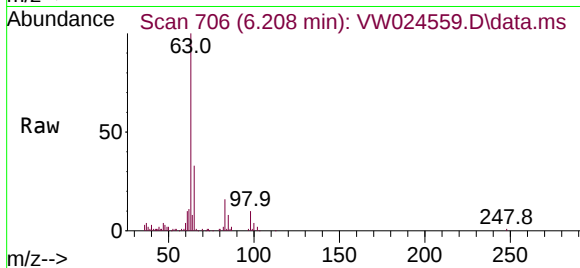
Tgt Ion: 63 Resp: 41002

Ion Ratio Lower Upper

63 100

65 32.9 22.0 41.0

83 16.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.223 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

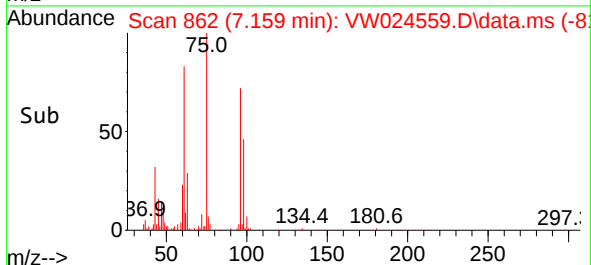
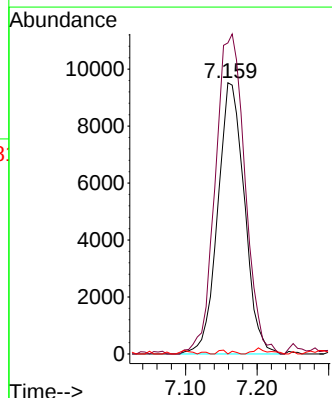
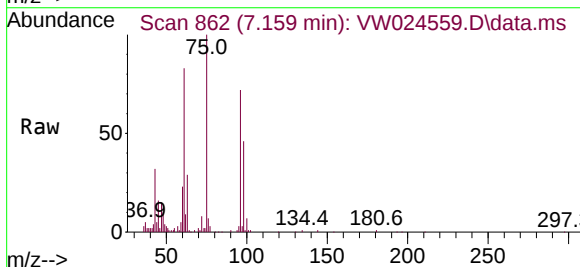
Tgt Ion: 96 Resp: 24693

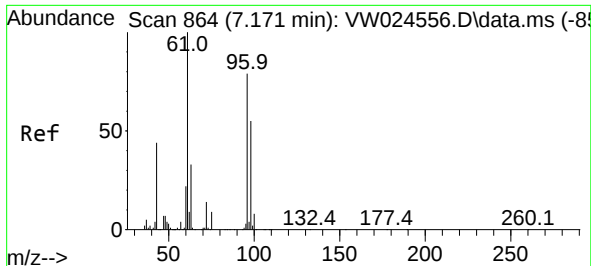
Ion Ratio Lower Upper

96 100

61 114.7 91.2 169.4

68 0.0 0.0 0.0

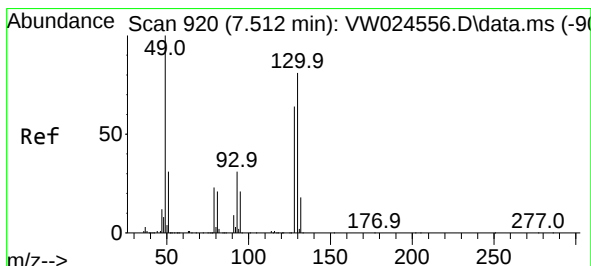
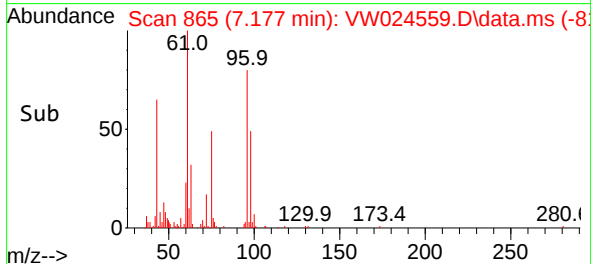
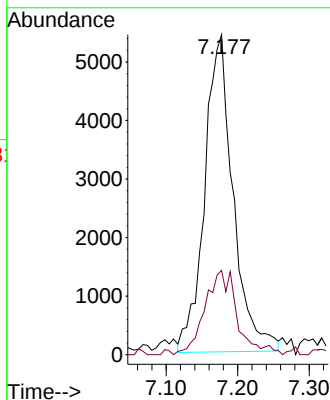
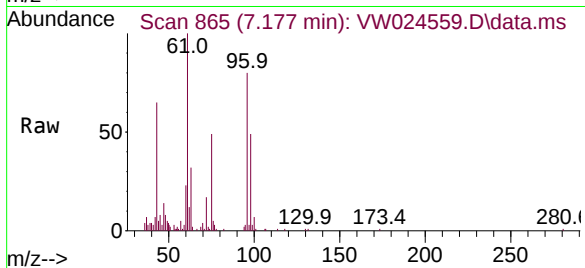




#22
2-Butanone
Concen: 10.193 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

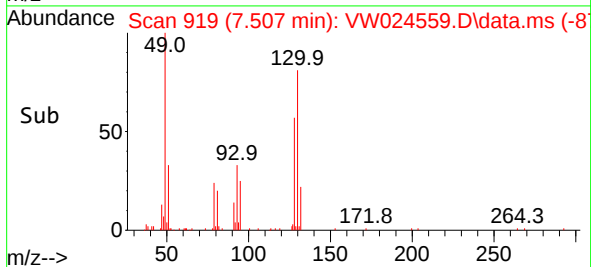
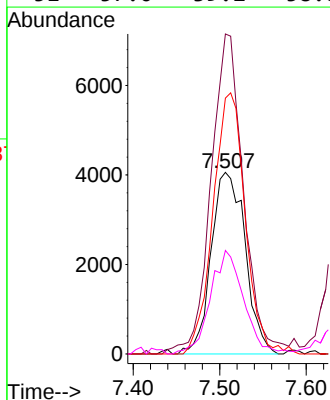
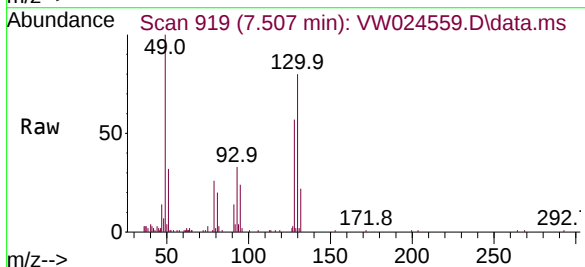
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

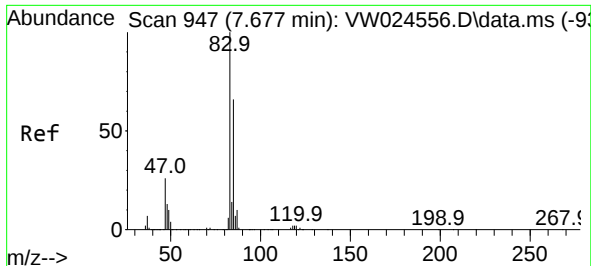
Tgt Ion: 43 Resp: 15015
Ion Ratio Lower Upper
43 100
72 19.7 15.4 46.4



#23
Bromochloromethane
Concen: 5.067 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 128 Resp: 11083
Ion Ratio Lower Upper
128 100
49 176.2 110.0 204.2
130 140.9 88.3 163.9
51 57.0 39.2 58.8

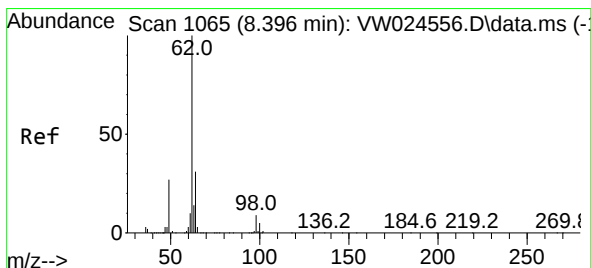
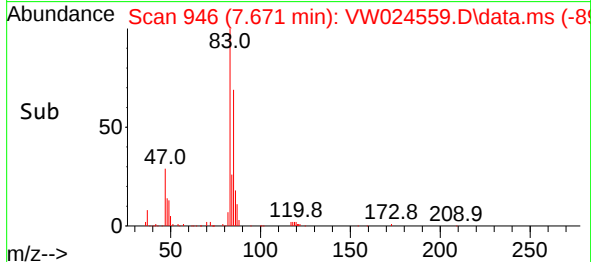
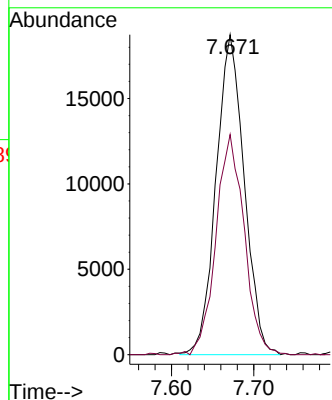
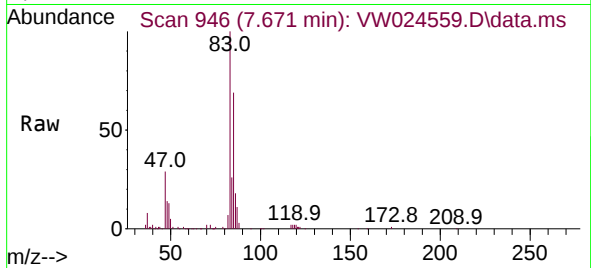




#25
Chloroform
Concen: 5.235 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

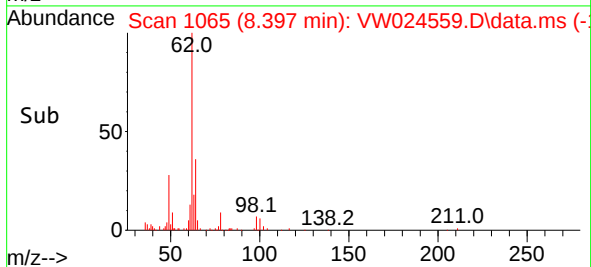
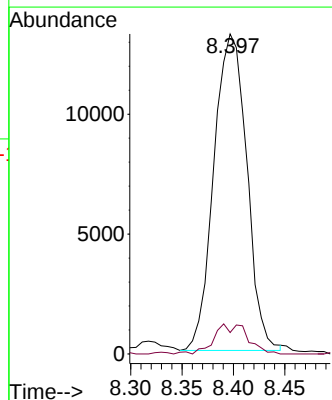
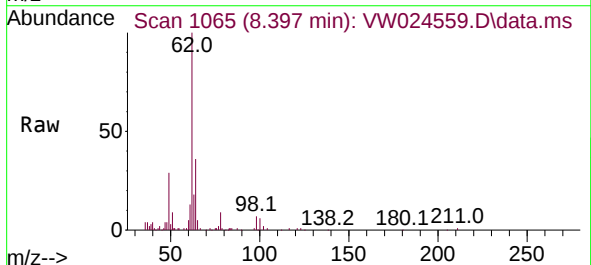
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

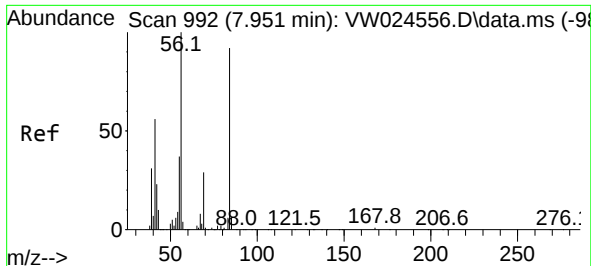
Tgt Ion: 83 Resp: 44582
Ion Ratio Lower Upper
83 100
85 68.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.149 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 62 Resp: 29473
Ion Ratio Lower Upper
62 100
98 6.7 7.4 11.0#





#29

Cyclohexane

Concen: 5.365 ug/L

RT: 7.946 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

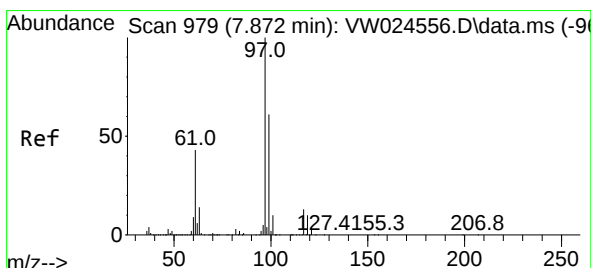
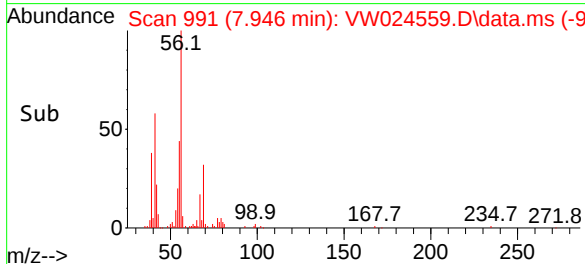
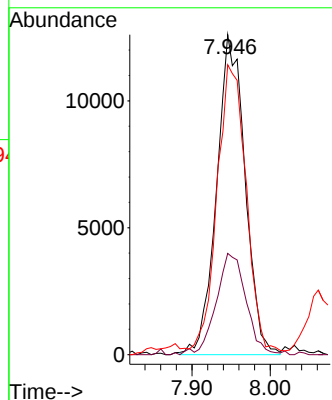
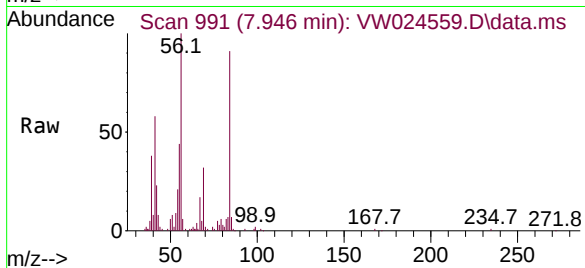
Tgt Ion: 56 Resp: 31797

Ion Ratio Lower Upper

56 100

69 32.6 24.5 36.7

84 92.6 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 5.485 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

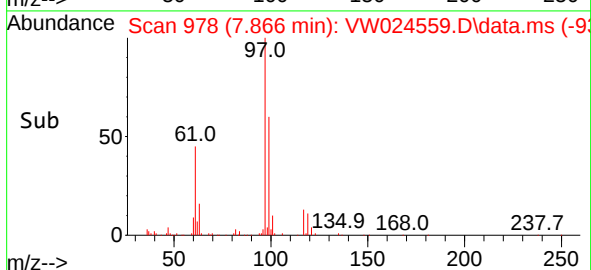
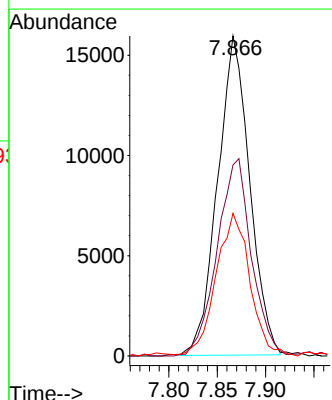
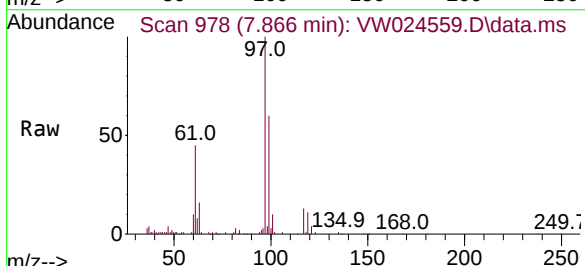
Tgt Ion: 97 Resp: 36829

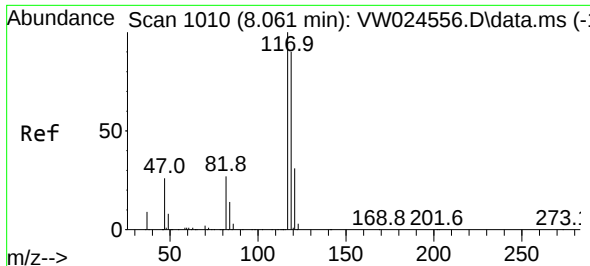
Ion Ratio Lower Upper

97 100

99 65.8 51.5 77.3

61 47.1 37.2 55.8

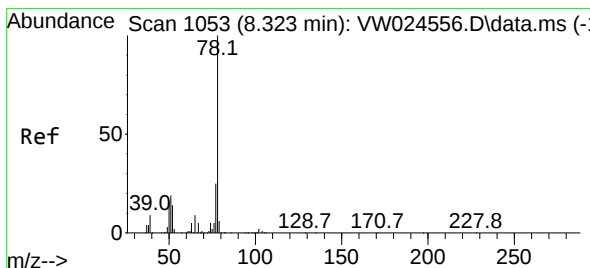
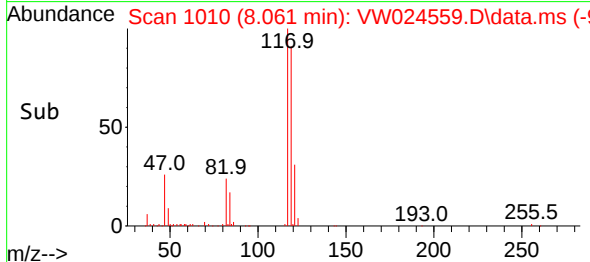
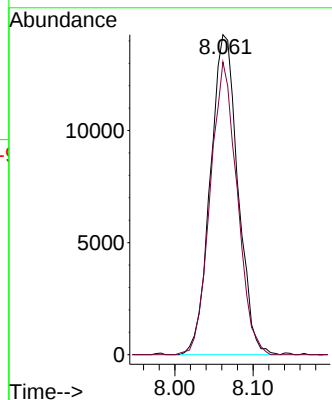
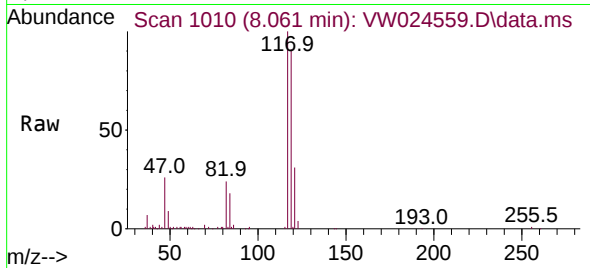




#31
Carbon tetrachloride
Concen: 5.705 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

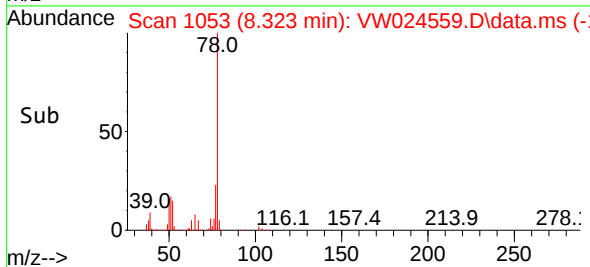
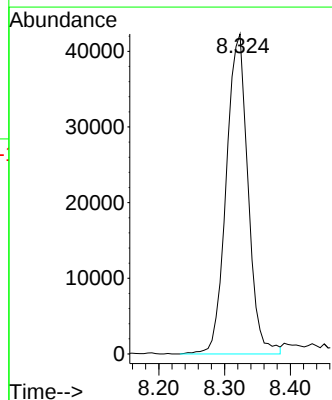
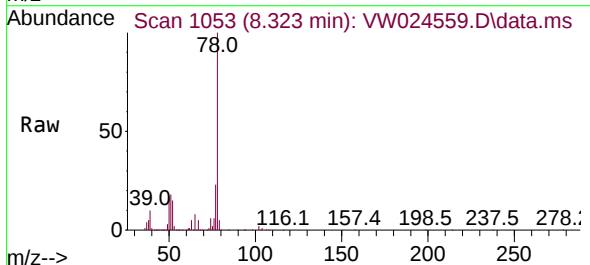
Instrument : MSVOA_W
ClientSampleId : VSTD005436

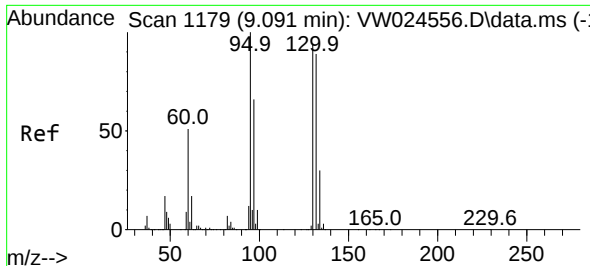
Tgt Ion:117 Resp: 34986
Ion Ratio Lower Upper
117 100
119 89.0 74.4 111.6



#33
Benzene
Concen: 5.601 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 78 Resp: 97324

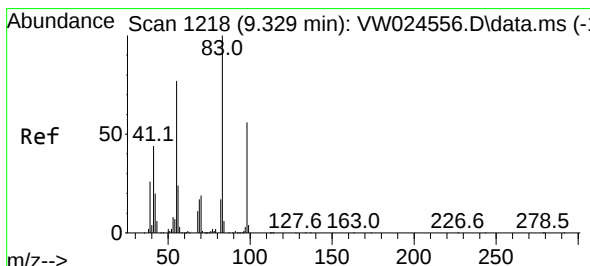
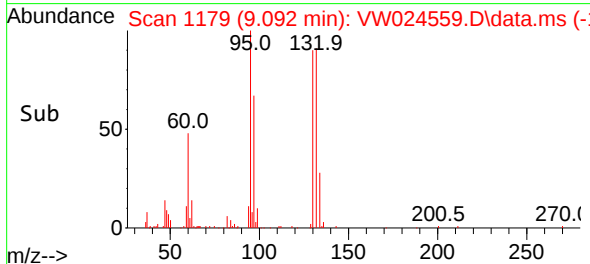
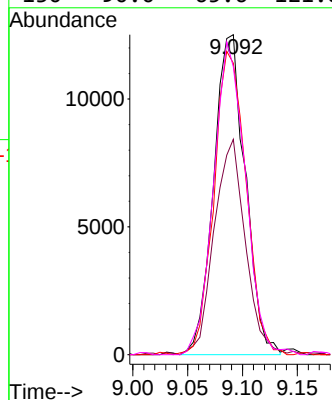
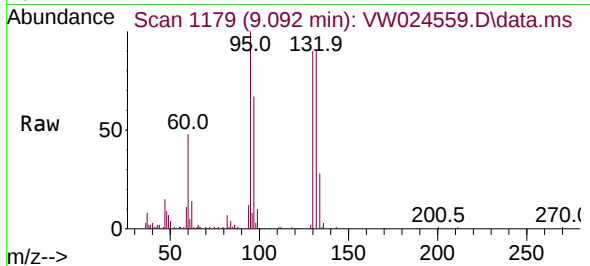




#34
Trichloroethene
Concen: 5.547 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

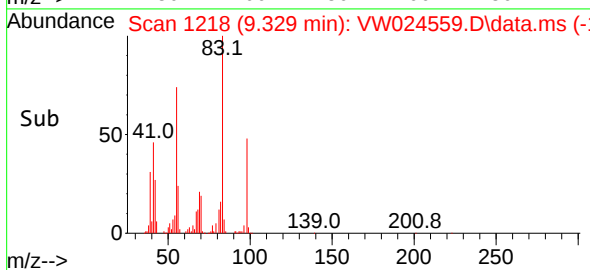
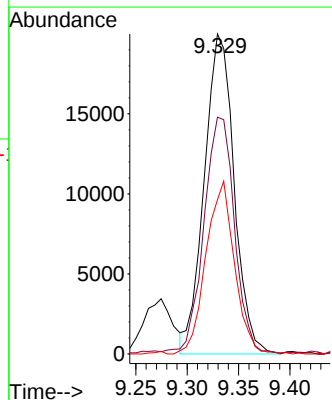
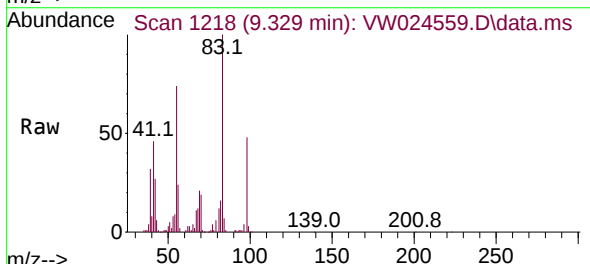
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

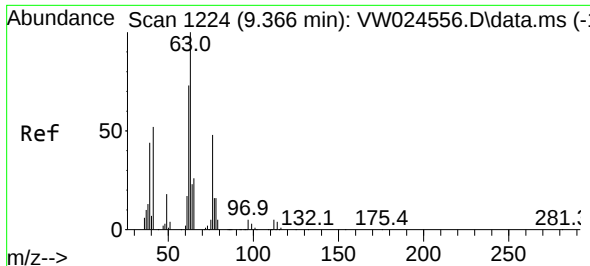
Tgt Ion:	95	Resp:	25175
Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.9	85.3
132	91.1	62.6	116.2
130	90.0	65.6	121.8



#35
Methylcyclohexane
Concen: 5.560 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion:	83	Resp:	40371
Ion	Ratio	Lower	Upper
83	100		
55	75.6	57.3	85.9
98	51.5	40.4	60.6





#37

1,2-Dichloropropane

Concen: 5.408 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

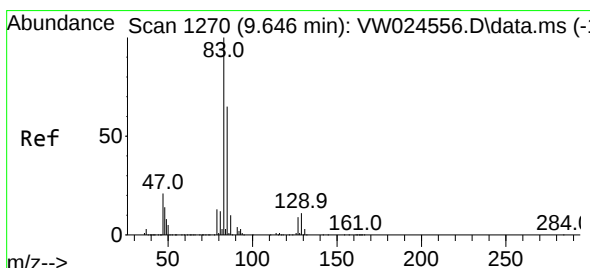
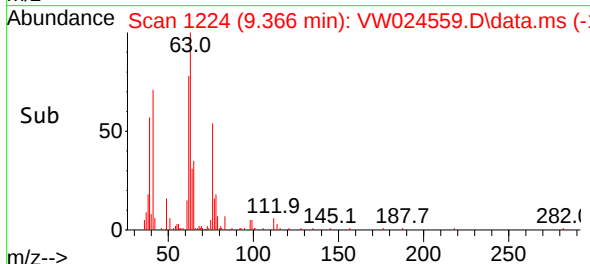
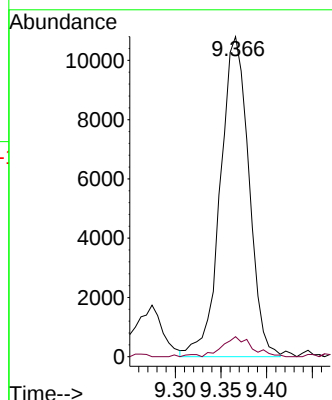
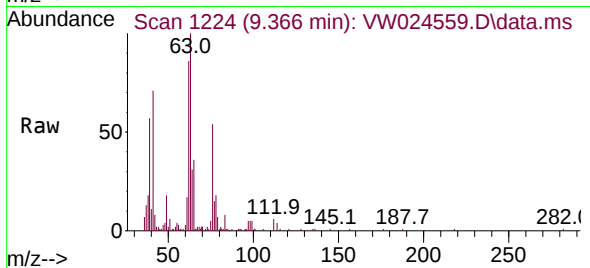
VSTD005436

Tgt Ion: 63 Resp: 23468

Ion Ratio Lower Upper

63 100

112 5.7 3.9 5.9



#38

Bromodichloromethane

Concen: 5.277 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

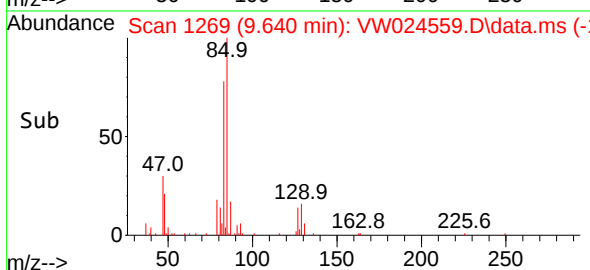
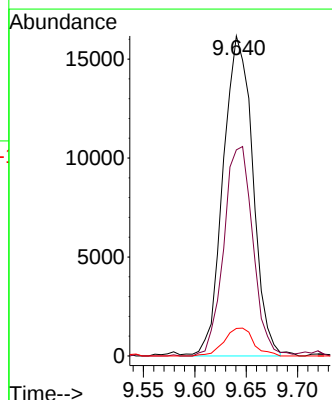
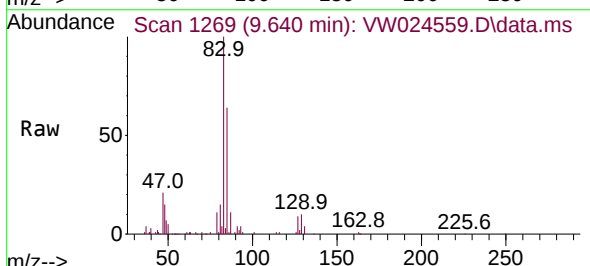
Tgt Ion: 83 Resp: 32367

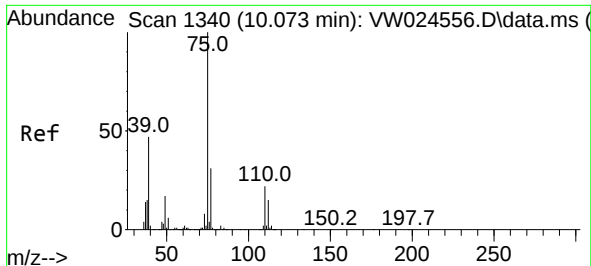
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9

127 8.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.078 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

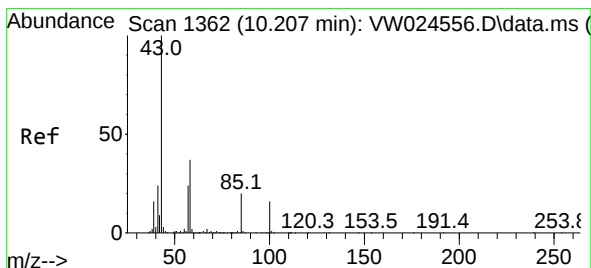
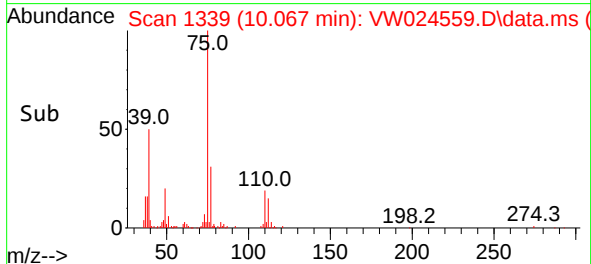
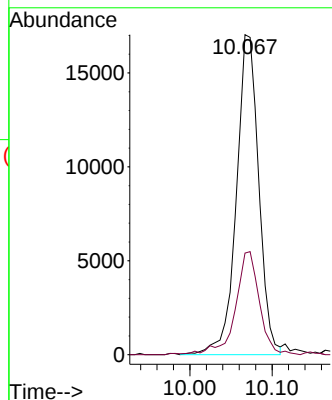
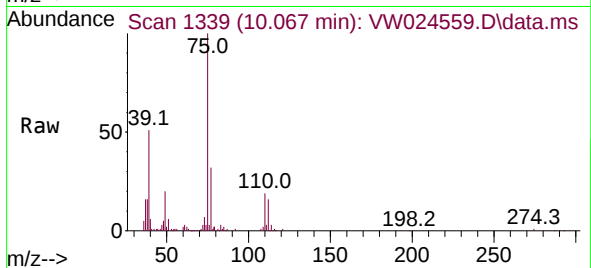
VSTD005436

Tgt Ion: 75 Resp: 32225

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 9.158 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

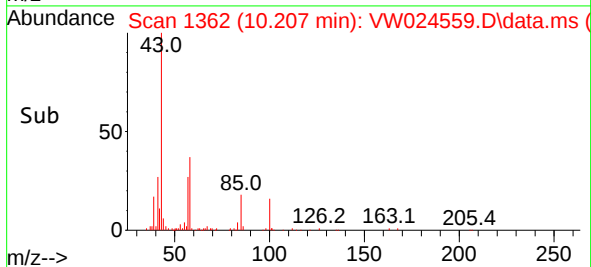
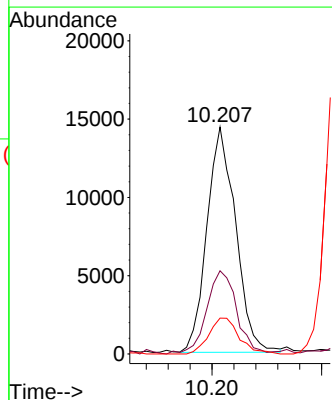
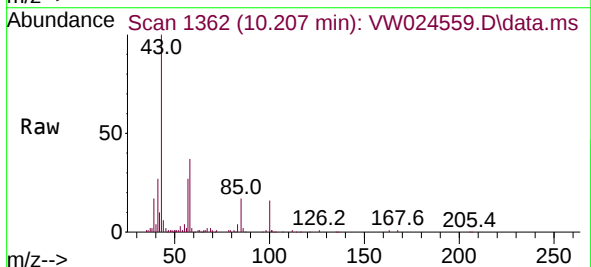
Tgt Ion: 43 Resp: 26217

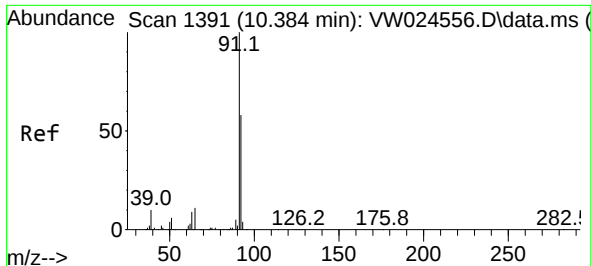
Ion Ratio Lower Upper

43 100

58 38.3 30.9 46.3

100 16.7 13.3 19.9

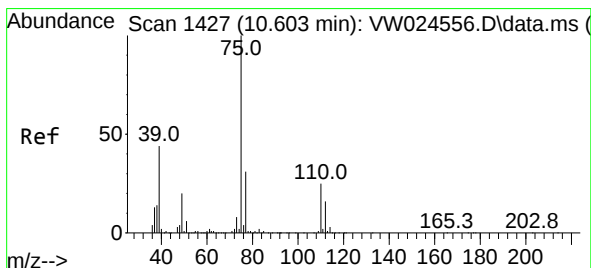
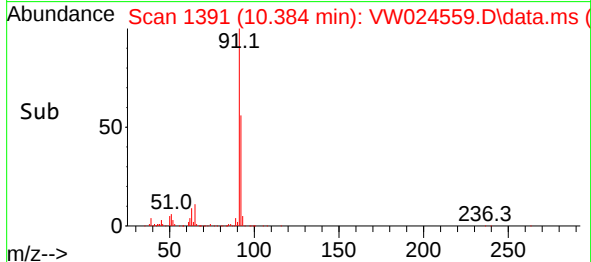
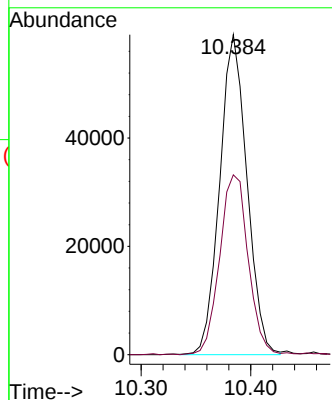
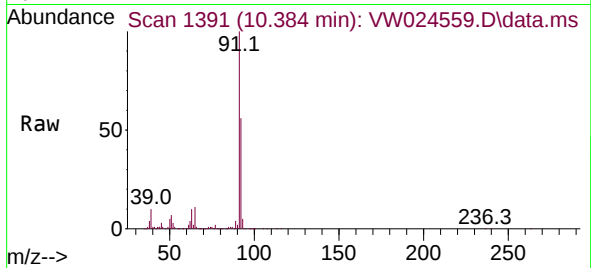




#42
Toluene
Concen: 5.328 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

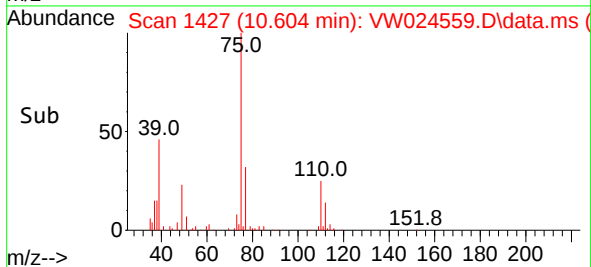
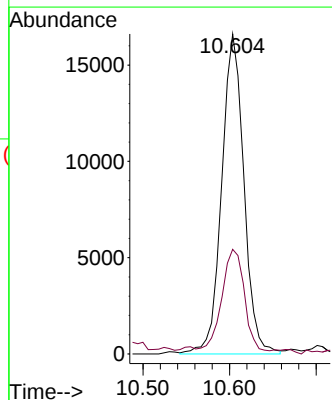
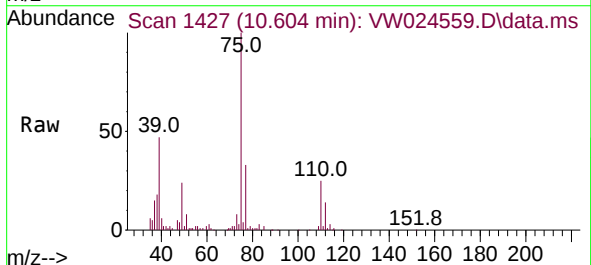
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

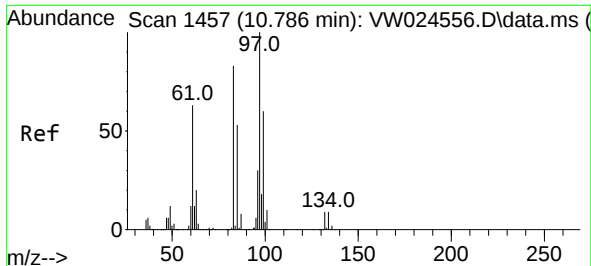
Tgt Ion: 91 Resp: 102069
Ion Ratio Lower Upper
91 100
92 56.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.940 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 75 Resp: 29611
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.4

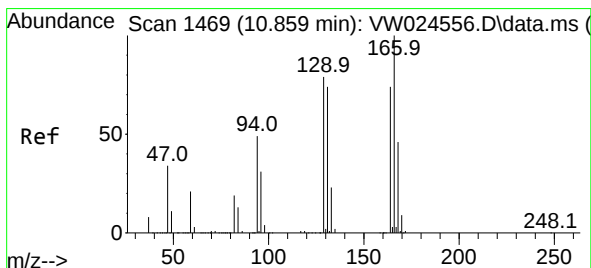
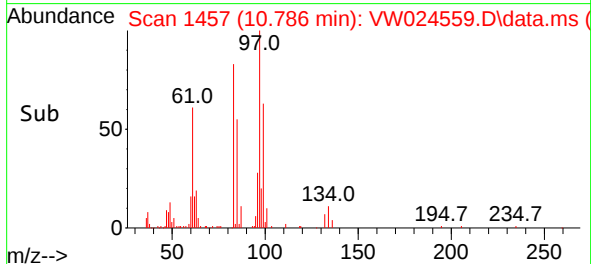
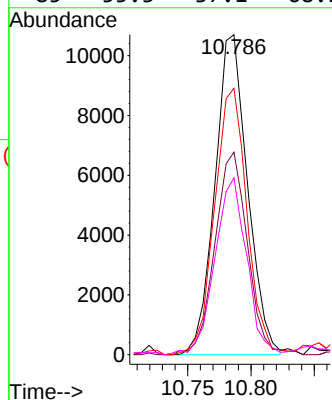
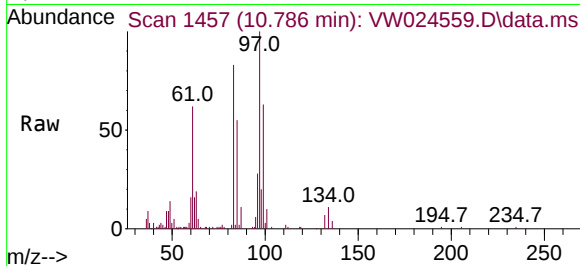




#45
1,1,2-Trichloroethane
Concen: 5.276 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

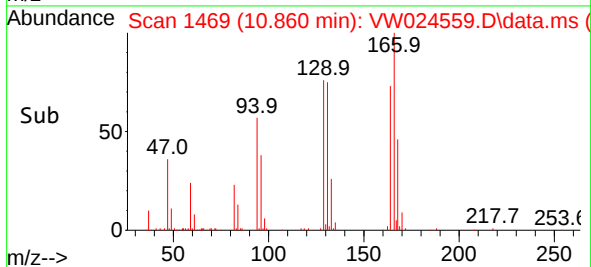
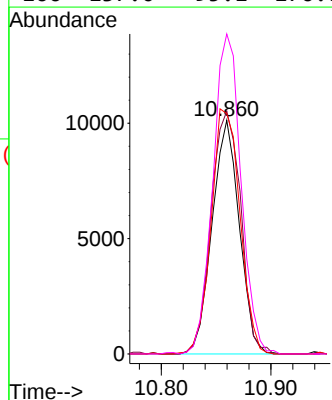
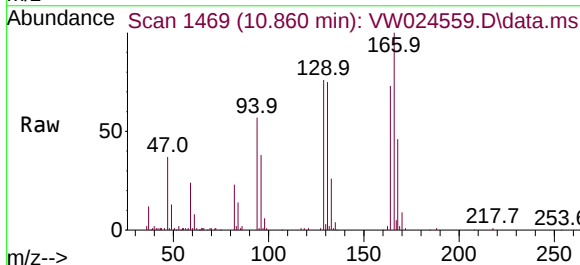
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

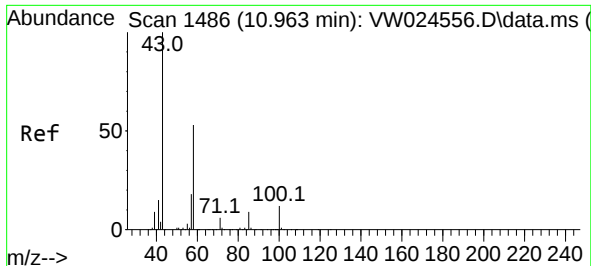
Tgt Ion:	97	Resp:	19137
Ion	Ratio	Lower	Upper
97	100		
99	63.3	41.9	77.9
83	83.3	58.2	108.0
85	55.3	37.1	68.9



#46
Tetrachloroethene
Concen: 5.227 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion:	164	Resp:	17479
Ion	Ratio	Lower	Upper
164	100		
129	104.0	75.0	139.2
131	102.9	70.1	130.1
166	137.0	95.1	176.7

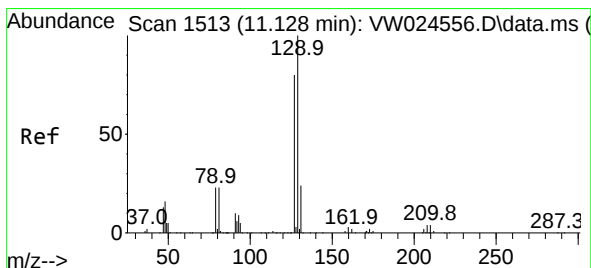
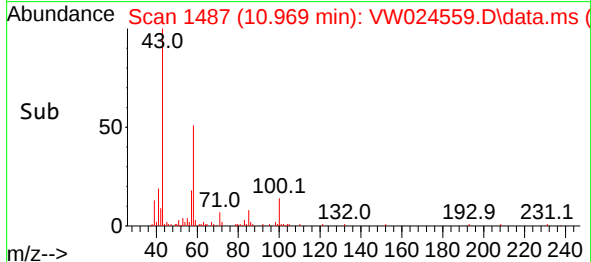
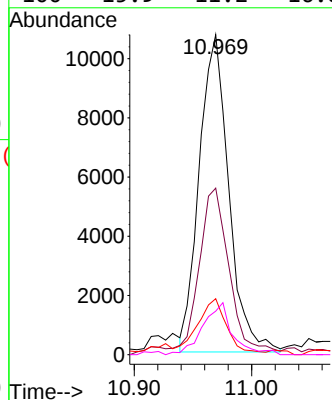
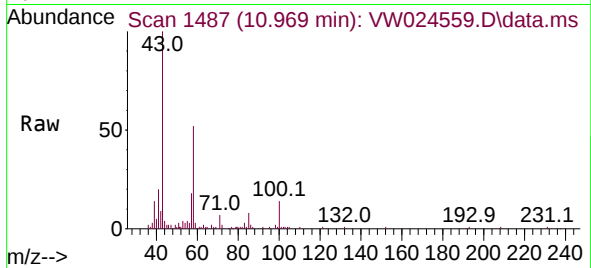




#48
2-Hexanone
Concen: 9.528 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

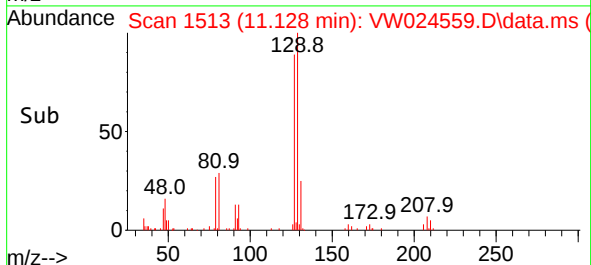
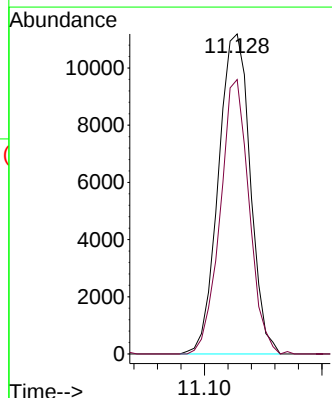
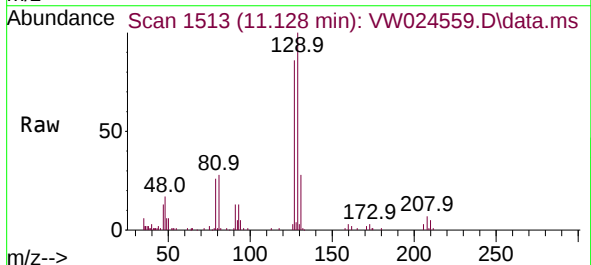
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

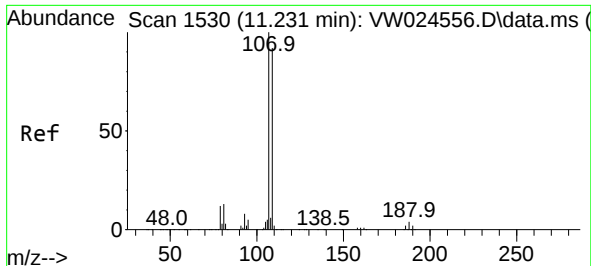
Tgt Ion:	43	Resp:	18706
Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.7	65.5
57	17.2	15.3	22.9
100	15.9	11.2	16.8



#49
Dibromochloromethane
Concen: 4.965 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion:	129	Resp:	21051
Ion	Ratio	Lower	Upper
129	100		
127	85.8	56.1	104.1

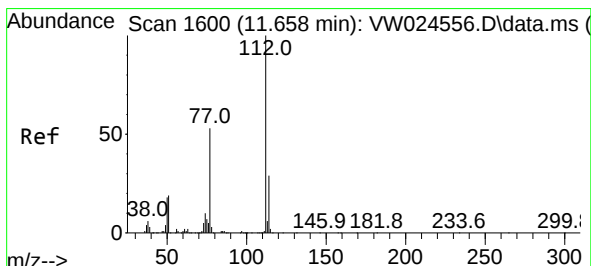
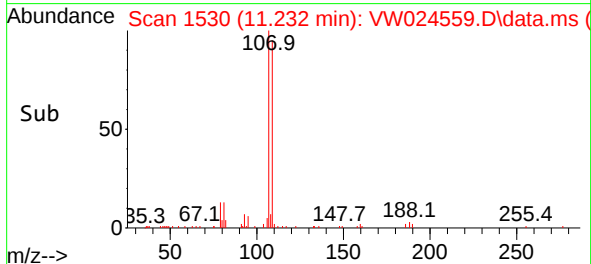
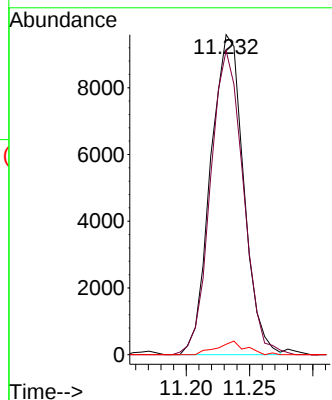
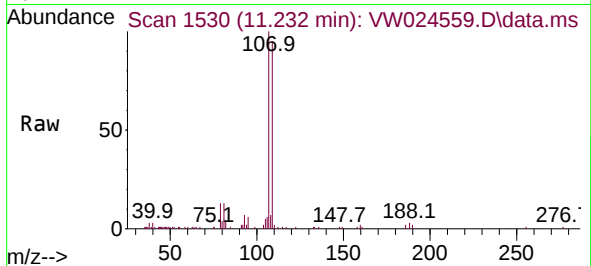




#50
1,2-Dibromoethane
Concen: 4.938 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

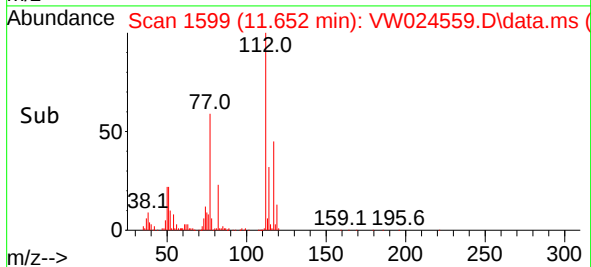
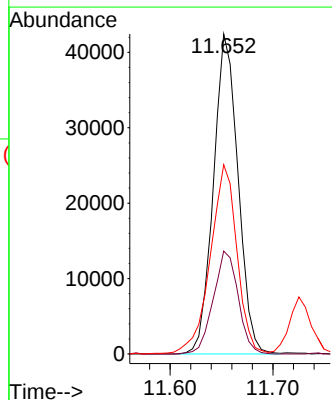
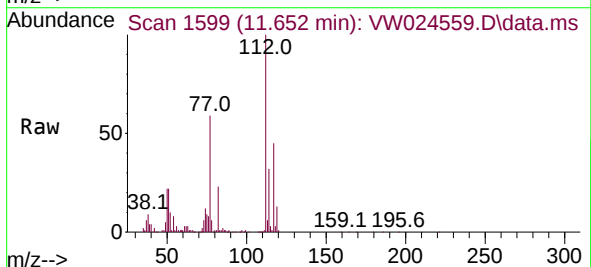
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

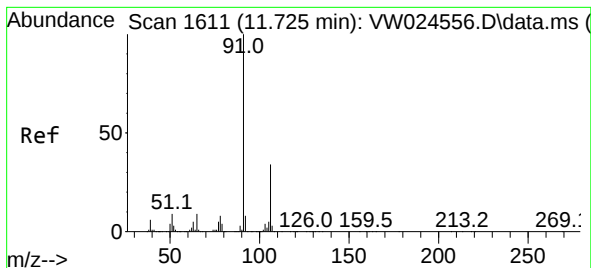
Tgt Ion:107 Resp: 17382
Ion Ratio Lower Upper
107 100
109 95.0 64.5 119.9
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 5.330 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion:112 Resp: 70547
Ion Ratio Lower Upper
112 100
114 32.2 20.0 37.2
77 59.2 42.6 63.8

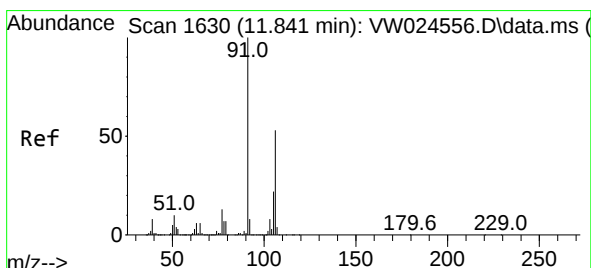
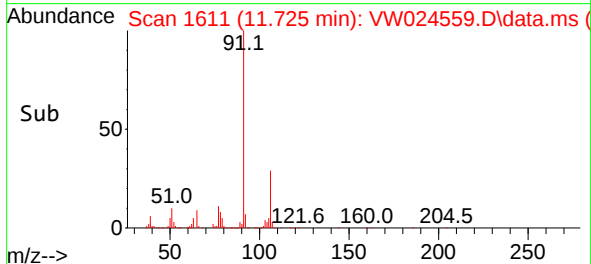
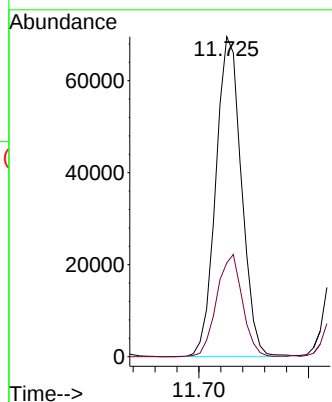
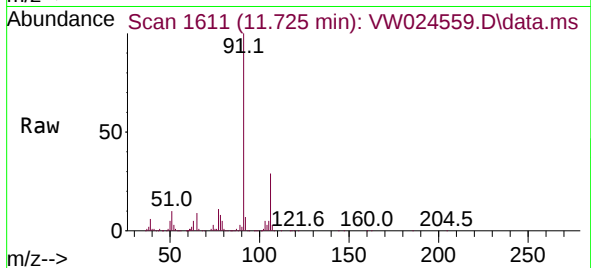




#52
Ethylbenzene
Concen: 5.194 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

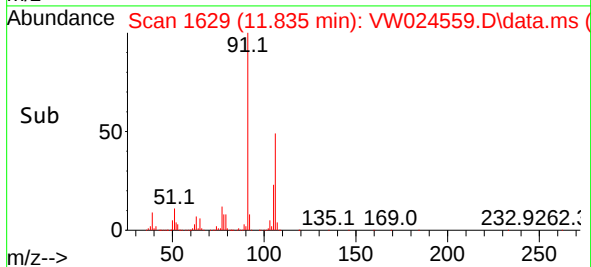
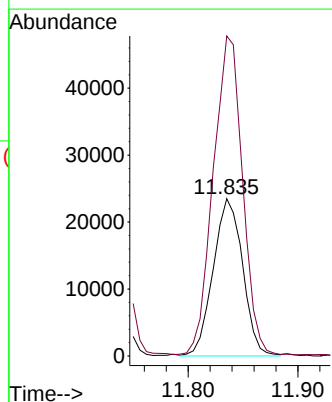
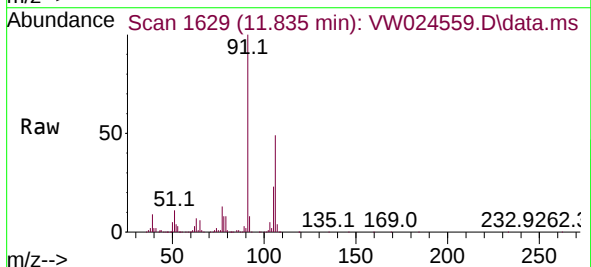
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

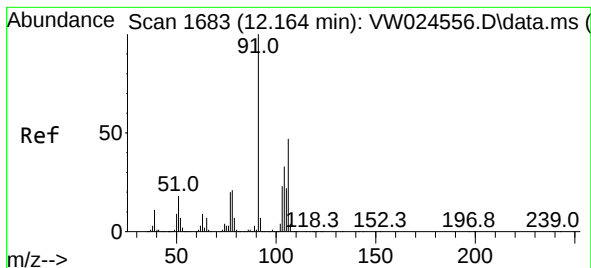
Tgt Ion: 91 Resp: 112968
Ion Ratio Lower Upper
91 100
106 29.3 23.8 44.2



#53
m,p-Xylene
Concen: 5.166 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 106 Resp: 43901
Ion Ratio Lower Upper
106 100
91 203.4 131.3 243.8





#54

o-Xylene

Concen: 4.979 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

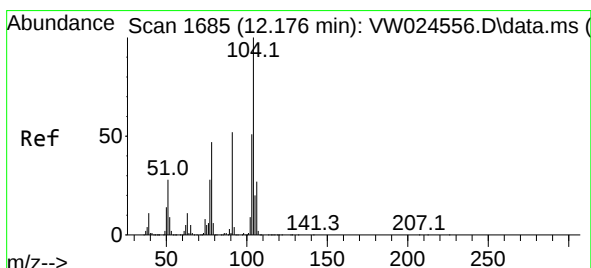
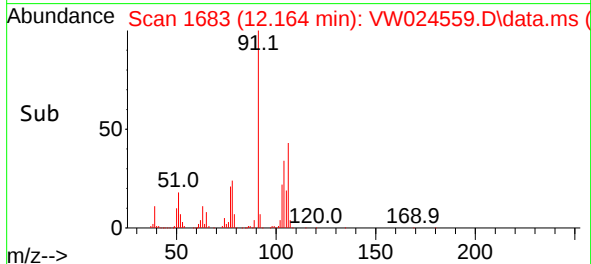
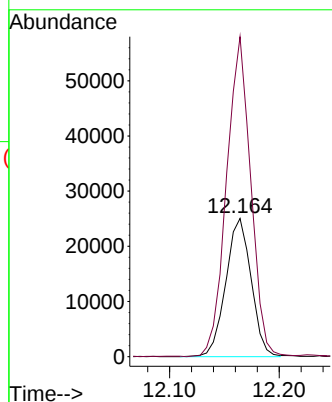
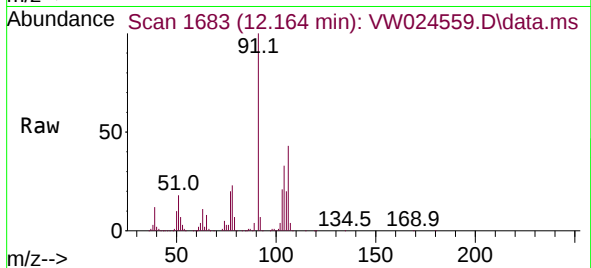
VSTD005436

Tgt Ion:106 Resp: 40286

Ion Ratio Lower Upper

106 100

91 231.4 148.7 276.3



#55

Styrene

Concen: 4.947 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024559.D

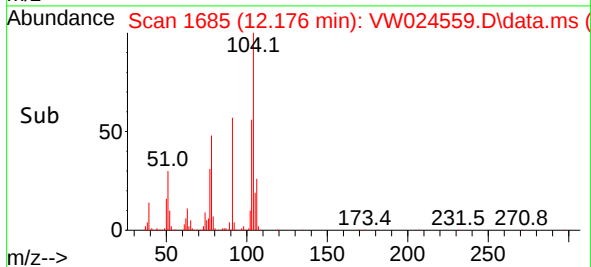
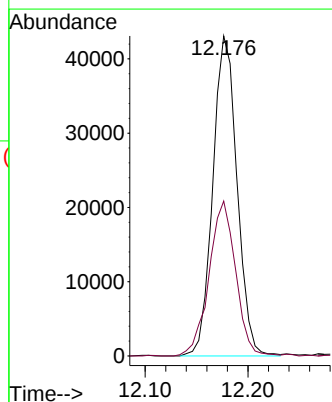
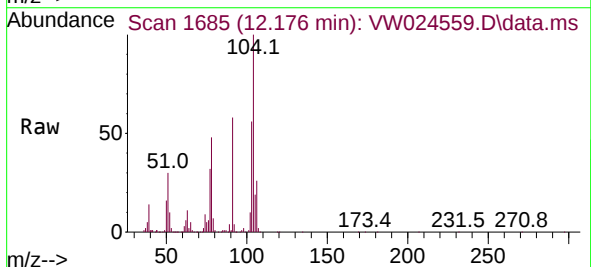
Acq: 06 Sep 2022 15:27

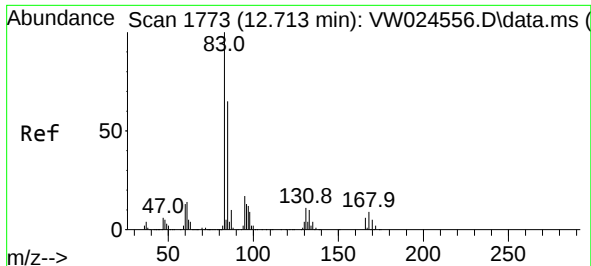
Tgt Ion:104 Resp: 70458

Ion Ratio Lower Upper

104 100

78 48.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.079 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

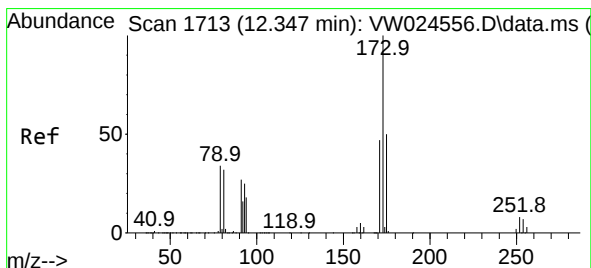
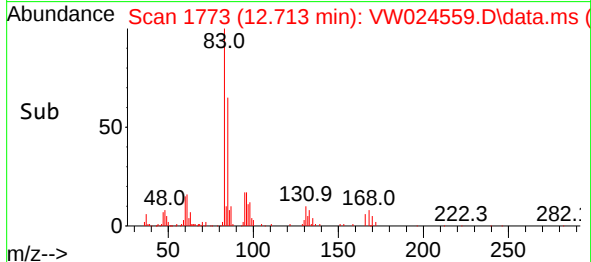
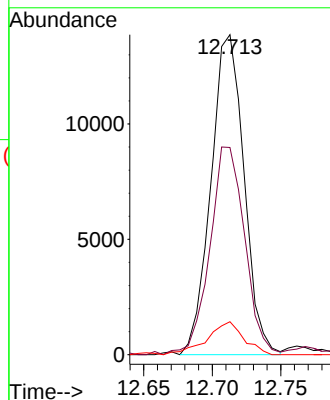
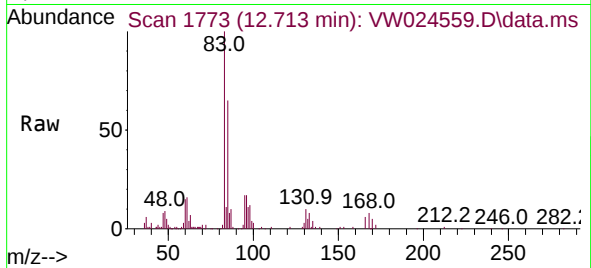
Tgt Ion: 83 Resp: 23322

Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.8

131 10.3 9.0 13.4



#59

Bromoform

Concen: 4.593 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

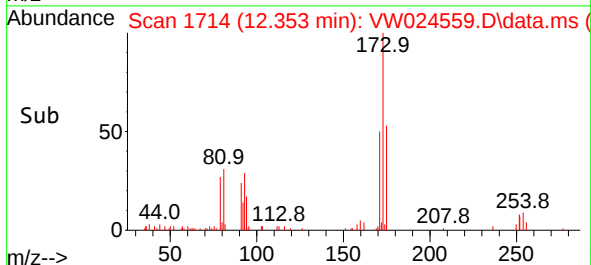
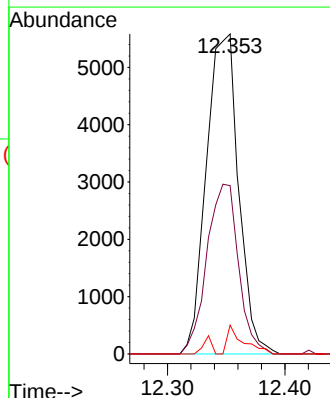
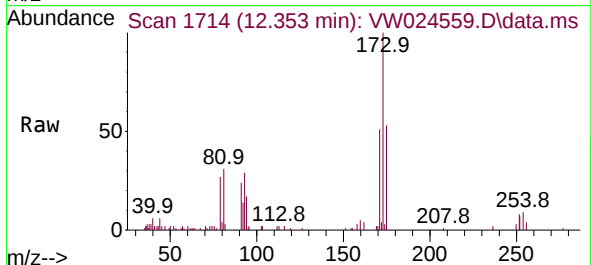
Tgt Ion:173 Resp: 10658

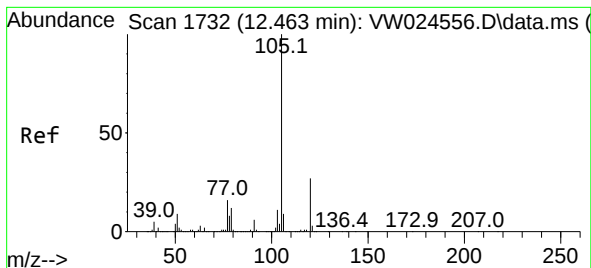
Ion Ratio Lower Upper

173 100

175 52.0 40.5 60.7

254 4.5 6.4 9.6#

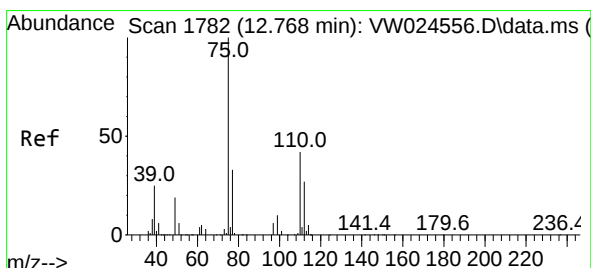
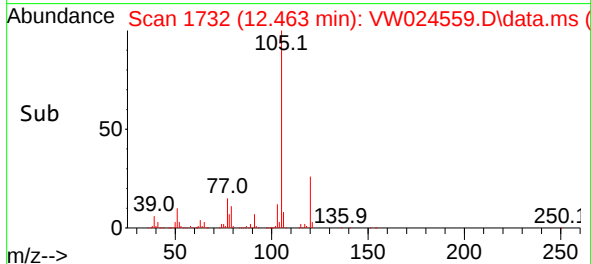
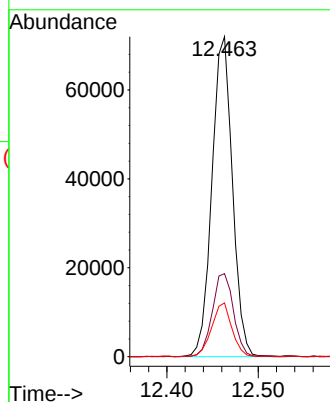
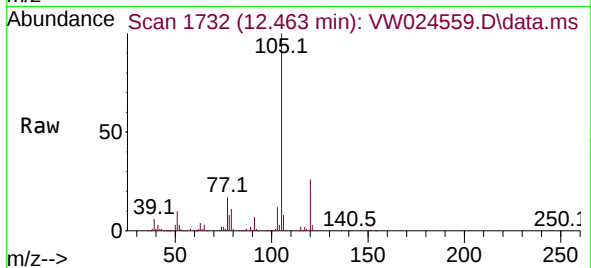




#60
Isopropylbenzene
Concen: 5.185 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

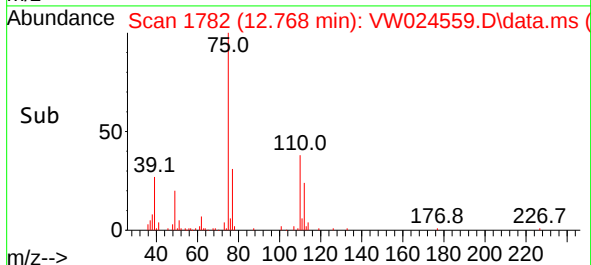
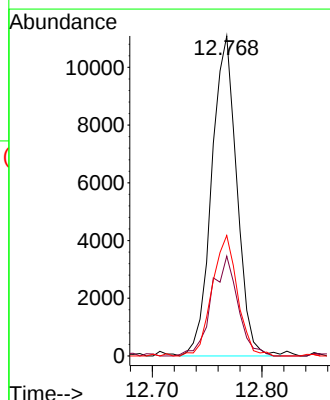
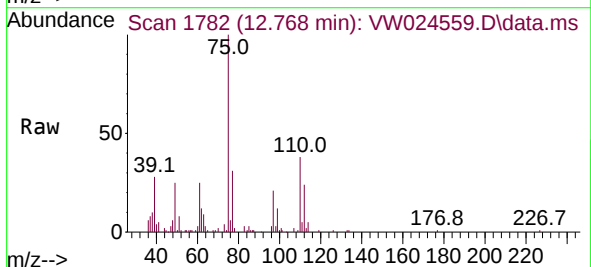
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

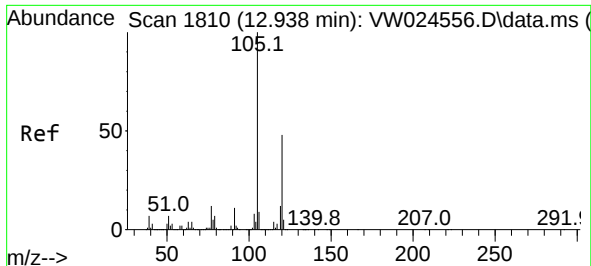
Tgt Ion:105 Resp: 112056
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.343 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion: 75 Resp: 17646
Ion Ratio Lower Upper
75 100
77 33.0 26.8 40.2
110 37.7 33.8 50.8

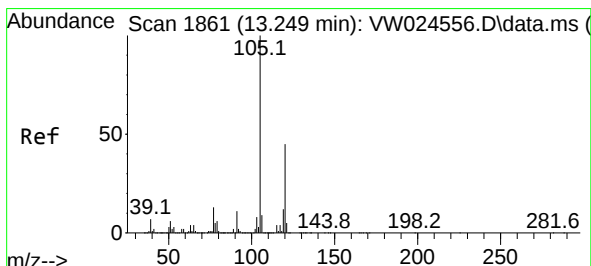
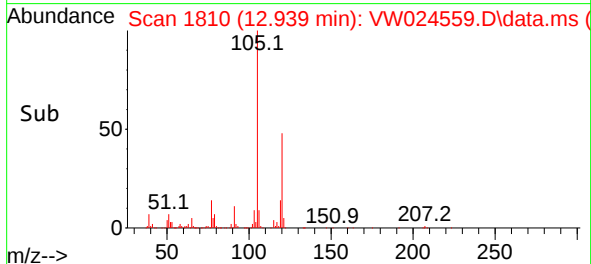
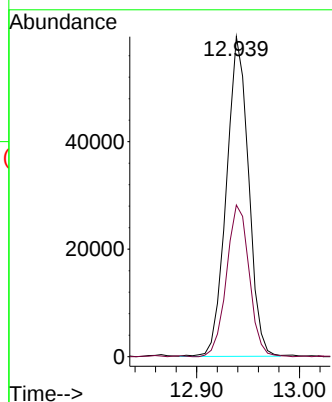
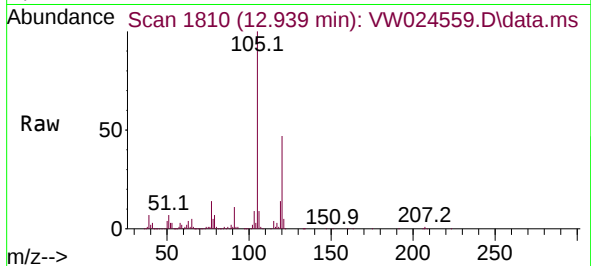




#62
1,3,5-Trimethylbenzene
Concen: 4.967 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

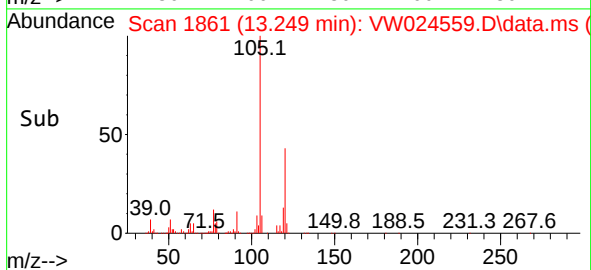
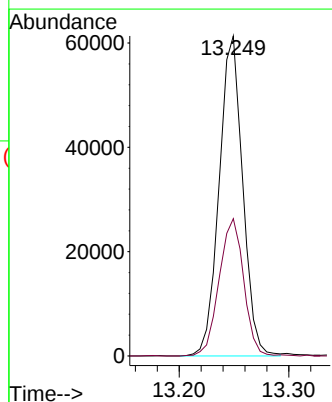
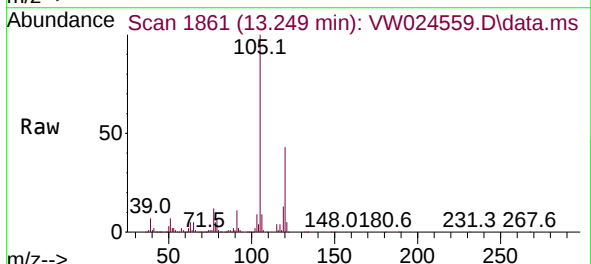
Instrument :
MSVOA_W
ClientSampleId :
VSTD005436

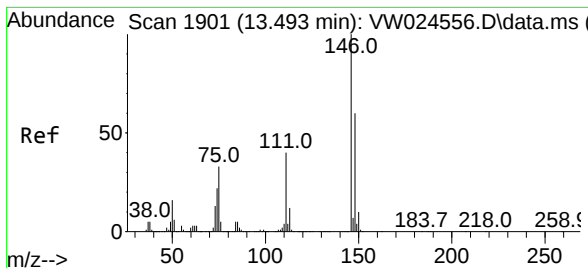
Tgt Ion:105 Resp: 89145
Ion Ratio Lower Upper
105 100
120 48.6 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 5.129 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024559.D
Acq: 06 Sep 2022 15:27

Tgt Ion:105 Resp: 91611
Ion Ratio Lower Upper
105 100
120 44.6 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.227 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

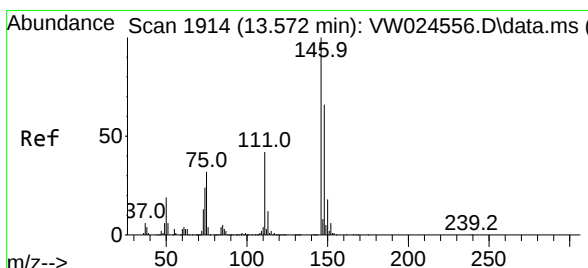
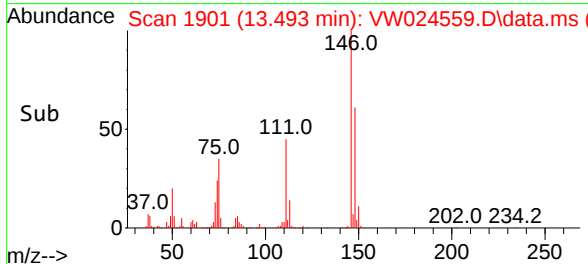
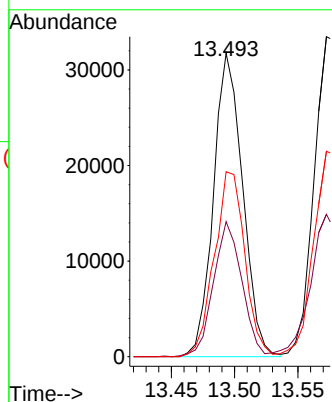
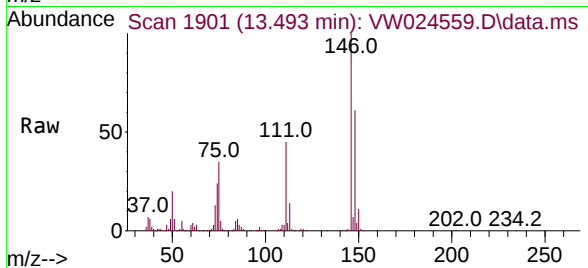
Tgt Ion:146 Resp: 50901

Ion Ratio Lower Upper

146 100

111 44.5 28.3 52.5

148 61.0 42.2 78.4



#65

1,4-Dichlorobenzene

Concen: 5.375 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

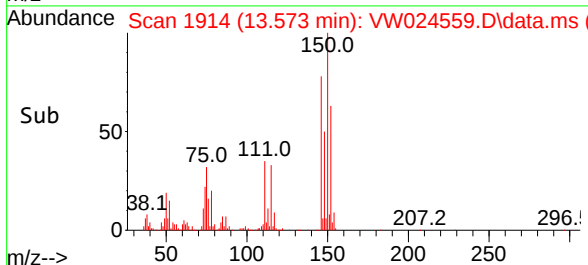
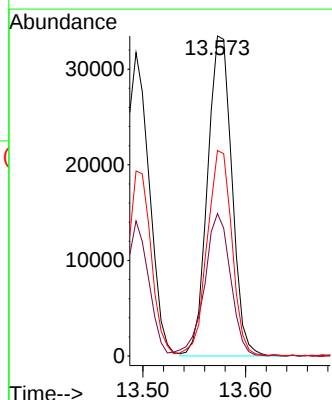
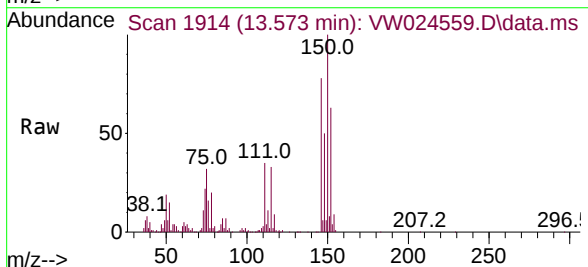
Tgt Ion:146 Resp: 55177

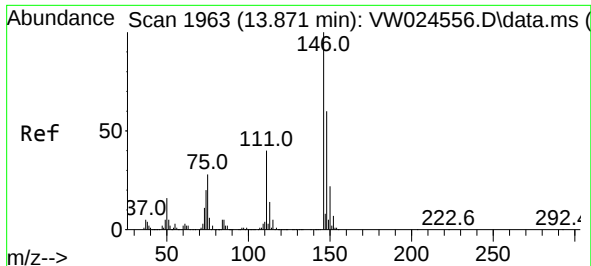
Ion Ratio Lower Upper

146 100

111 44.5 29.3 54.3

148 64.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 5.226 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

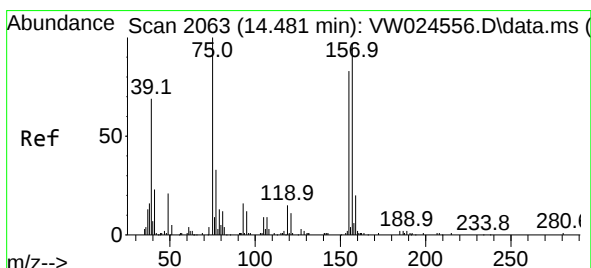
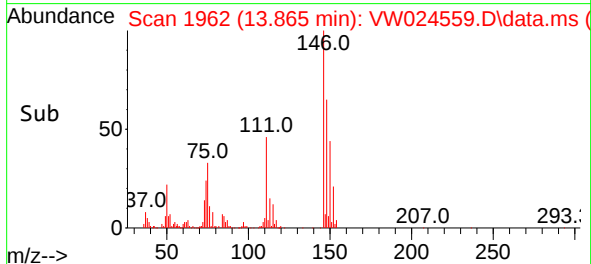
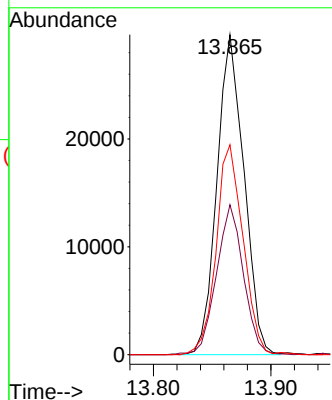
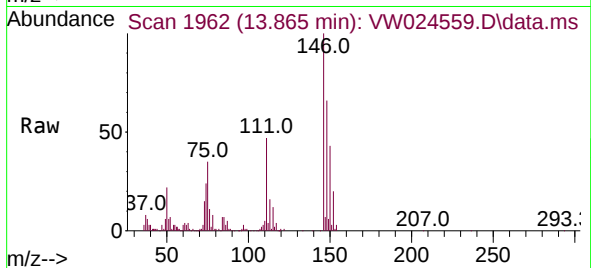
Tgt Ion:146 Resp: 47462

Ion Ratio Lower Upper

146 100

111 46.8 32.2 48.4

148 65.6 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.675 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

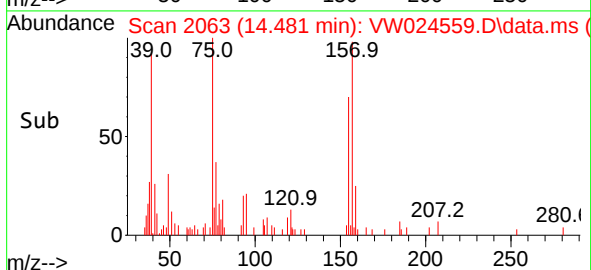
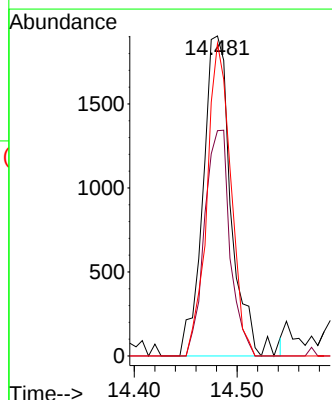
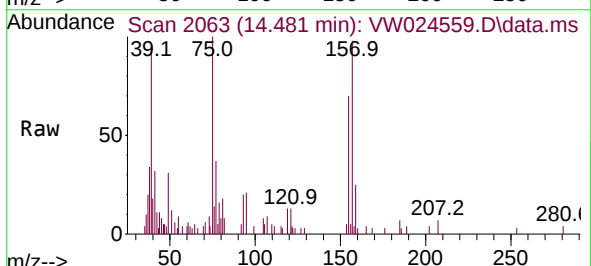
Tgt Ion: 75 Resp: 3653

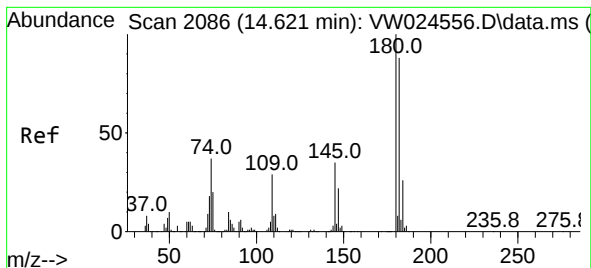
Ion Ratio Lower Upper

75 100

155 70.4 66.3 99.5

157 97.7 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 5.347 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

Tgt Ion:180 Resp: 33822

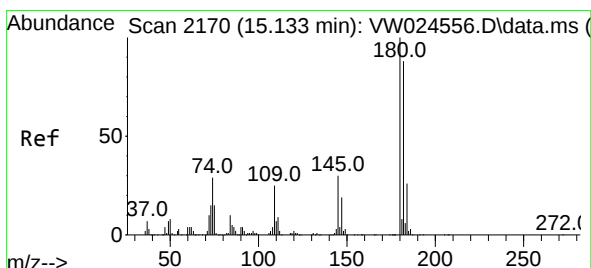
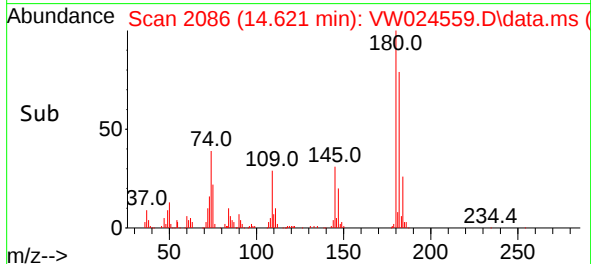
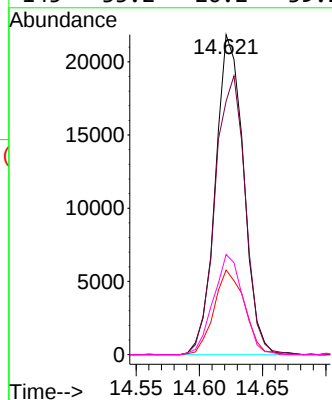
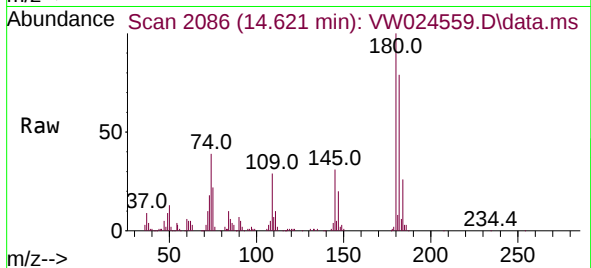
Ion Ratio Lower Upper

180 100

182 93.0 72.4 108.6

184 28.8 22.8 34.2

145 33.2 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 5.044 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

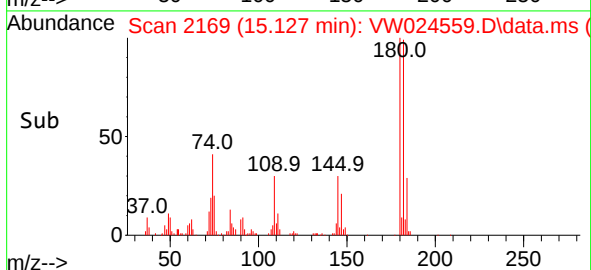
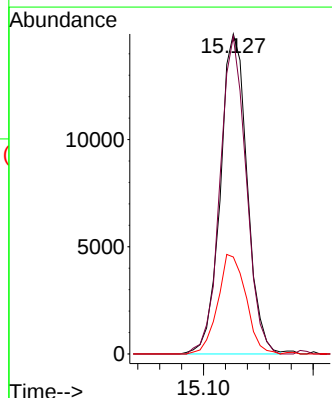
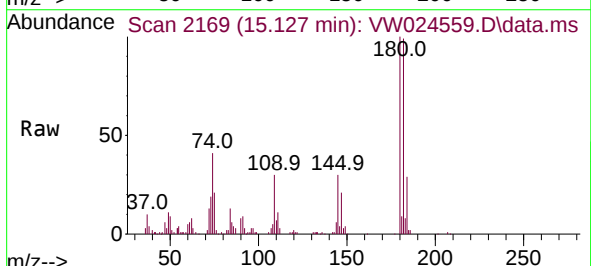
Tgt Ion:180 Resp: 25316

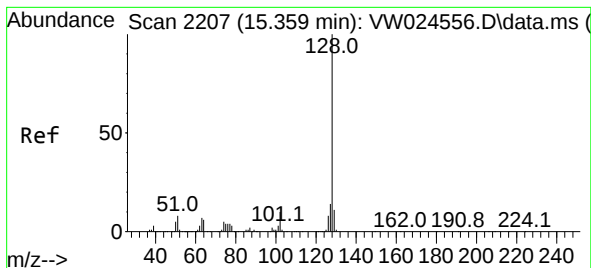
Ion Ratio Lower Upper

180 100

182 97.3 73.8 110.6

145 32.5 26.6 39.8





#71

Naphthalene

Concen: 4.497 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Instrument :

MSVOA_W

ClientSampleId :

VSTD005436

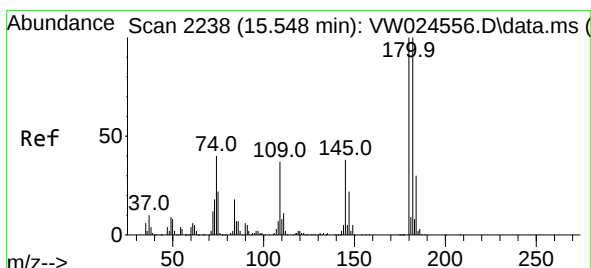
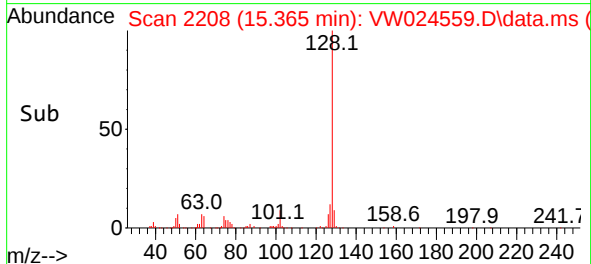
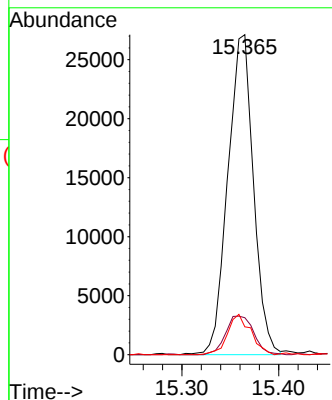
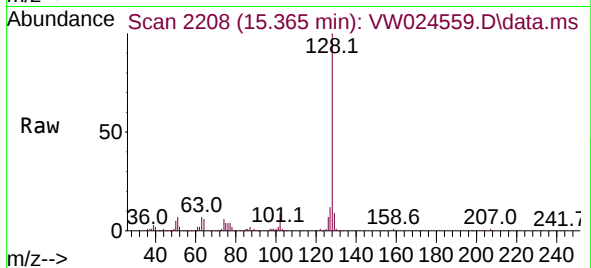
Tgt Ion:128 Resp: 49937

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 5.075 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024559.D

Acq: 06 Sep 2022 15:27

Tgt Ion:180 Resp: 23699

Ion Ratio Lower Upper

180 100

182 97.4 78.7 118.1

145 33.6 28.1 42.1

