

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025719.D
 Acq On : 27 Apr 2023 10:22
 Operator : SY/MD
 Sample : VSTD00548
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

Quant Time: Apr 28 02:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	611412	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	541397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	259538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	37276	4.998	ug/L	0.00
7) Chloroethane-d5	2.899	69	26799	5.020	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	86251	5.066	ug/L	0.00
21) 2-Butanone-d5	7.087	46	28495	11.645	ug/L	0.01
24) Chloroform-d	7.648	84	84795	5.170	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	48744	5.451	ug/L	0.00
32) Benzene-d6	8.276	84	169296	5.151	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	55883	5.257	ug/L	0.00
41) Toluene-d8	10.325	98	145053	4.992	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	21419	5.170	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	18650	11.294	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45676	5.829	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	47942	5.392	ug/L	0.00
Target Compounds						
						Qvalue
3) Chloromethane	2.222	50	49246	4.815	ug/L	97
5) Vinyl chloride	2.375	62	54710	5.088	ug/L	97
6) Bromomethane	2.783	94	28037	4.928	ug/L	98
8) Chloroethane	2.930	64	26764	4.886	ug/L	99
9) Trichlorofluoromethane	3.265	101	38253	4.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	41951	4.988	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	42012	5.101	ug/L	87
13) Acetone	4.131	43	30921	13.554	ug/L	99
14) Carbon disulfide	4.387	76	145238	5.020	ug/L	99
15) Methyl Acetate	4.667	43	29604	6.558	ug/L	98
16) Methylene chloride	4.911	84	40627	3.539	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	43734	5.024	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	68807	5.492	ug/L #	91
19) 1,1-Dichloroethane	6.216	63	92145	5.193	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	46056	5.043	ug/L #	92
22) 2-Butanone	7.179	43	36733	12.700	ug/L	95
23) Bromochloromethane	7.514	128	20253	5.341	ug/L	98
25) Chloroform	7.679	83	84995	5.216	ug/L	100
27) 1,2-Dichloroethane	8.398	62	61882	5.543	ug/L	98
29) Cyclohexane	7.953	56	81720	4.852	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	69469	5.286	ug/L	98
31) Carbon tetrachloride	8.069	117	62125	5.195	ug/L	98
33) Benzene	8.325	78	191560	5.185	ug/L	100
34) Trichloroethene	9.093	95	50355	5.276	ug/L	96
35) Methylcyclohexane	9.337	83	83416	4.918	ug/L	97
37) 1,2-Dichloropropane	9.367	63	52444	5.266	ug/L	99
38) Bromodichloromethane	9.642	83	59604	5.294	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	71792	5.034	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	72955	12.145	ug/L	97
42) Toluene	10.386	91	196965	5.225	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	61437	5.243	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	36664	5.681	ug/L	97

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 Quant Title : SFAM01.0
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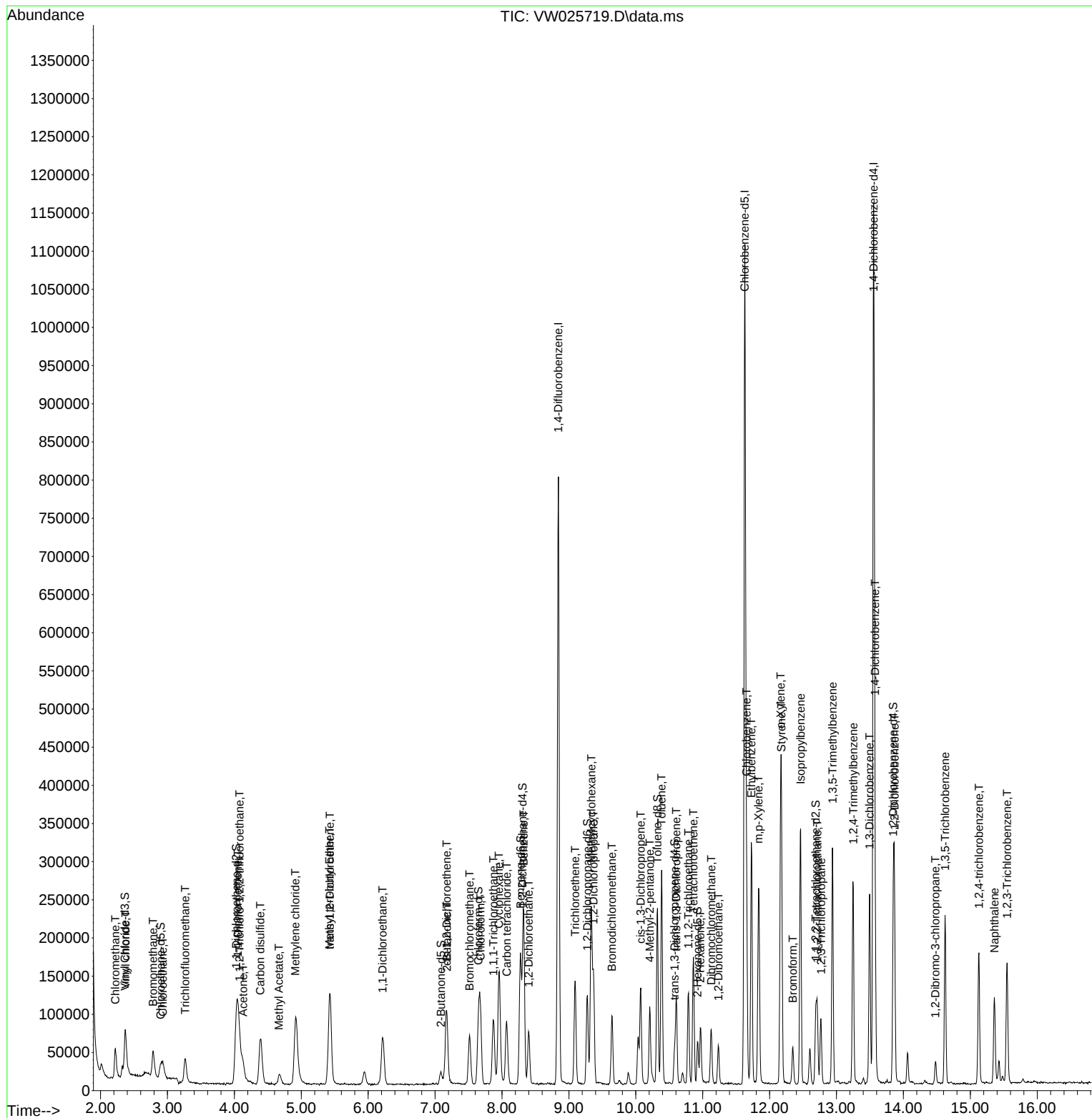
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.861	164	34877	5.160	ug/L	93
48) 2-Hexanone	10.965	43	52867	12.497	ug/L	94
49) Dibromochloromethane	11.129	129	35716	5.343	ug/L	98
50) 1,2-Dibromoethane	11.233	107	33136	5.597	ug/L #	97
51) Chlorobenzene	11.654	112	122156	5.266	ug/L	100
52) Ethylbenzene	11.727	91	212904	5.037	ug/L	100
53) m,p-Xylene	11.837	106	78990	5.062	ug/L	95
54) o-Xylene	12.166	106	73819	5.073	ug/L	93
55) Styrene	12.178	104	126849	5.143	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	47188	5.971	ug/L #	96
59) Bromoform	12.349	173	21309	5.926	ug/L	100
60) Isopropylbenzene	12.464	105	205603	5.158	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	34900	6.183	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	156420	4.991	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	141874	5.011	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	92243	5.483	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	96586	5.663	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	81327	5.480	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8171	6.351	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	60238	5.504	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	52052	5.570	ug/L	97
71) Naphthalene	15.360	128	94194	5.643	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	50071	6.070	ug/L	97

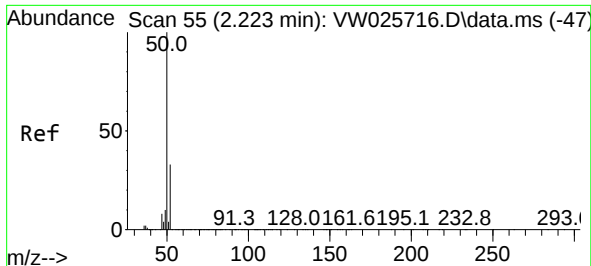
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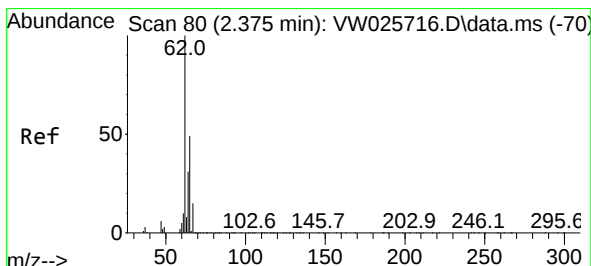
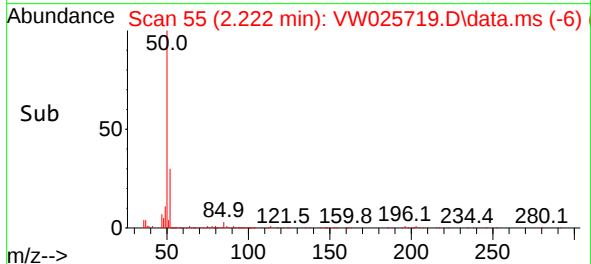
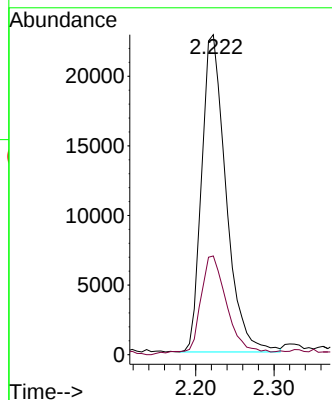
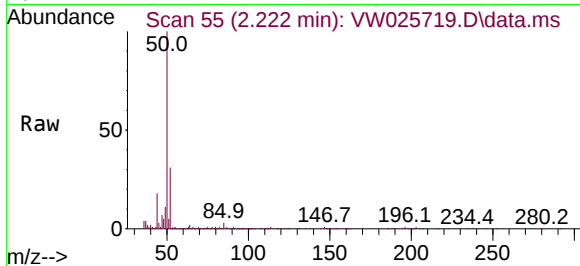




#3
Chloromethane
Concen: 4.815 ug/L
RT: 2.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

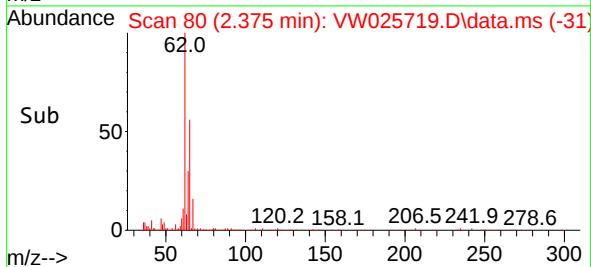
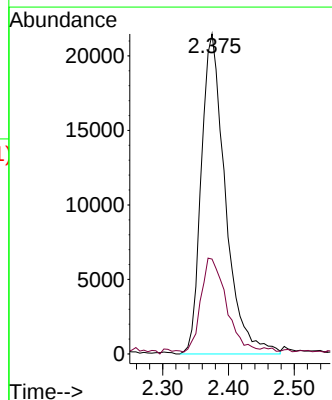
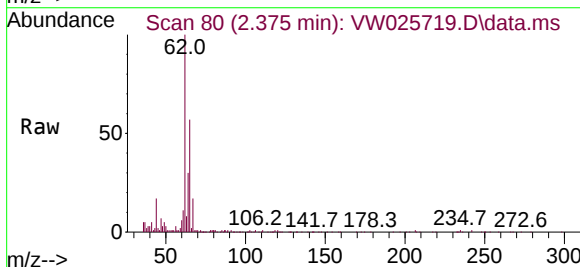
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MSVOA_W
ClientSampleId :
VSTD005448

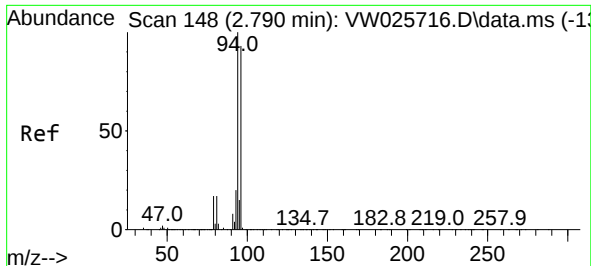
Tgt Ion: 50 Resp: 49246
Ion Ratio Lower Upper
50 100
52 30.9 22.9 42.5



#5
Vinyl chloride
Concen: 5.088 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 62 Resp: 54710
Ion Ratio Lower Upper
62 100
64 29.6 21.8 40.6

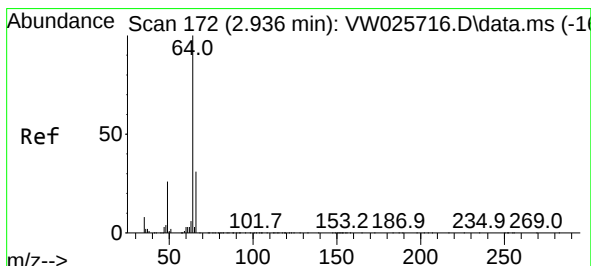
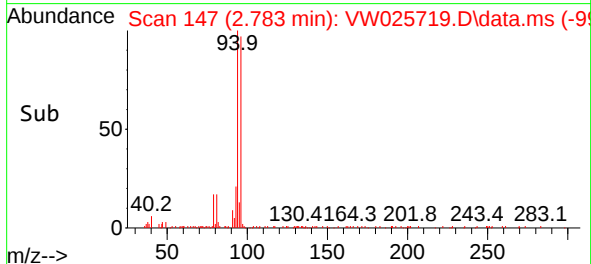
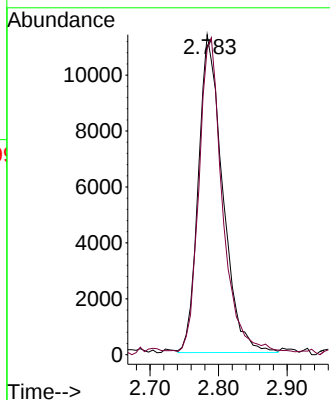
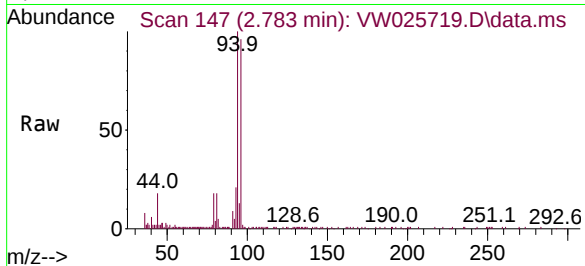




#6
Bromomethane
Concen: 4.928 ug/L
RT: 2.783 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

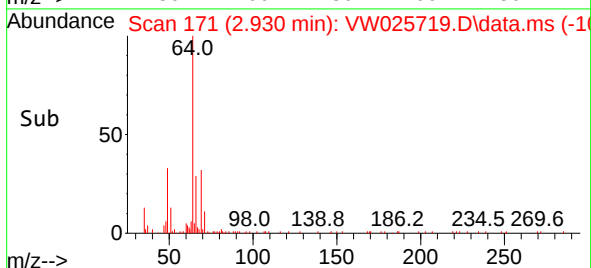
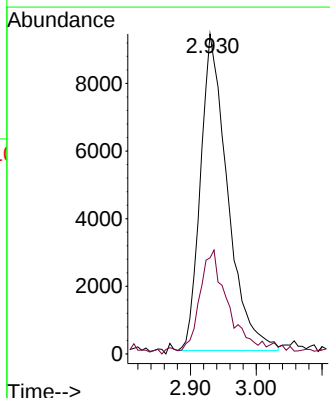
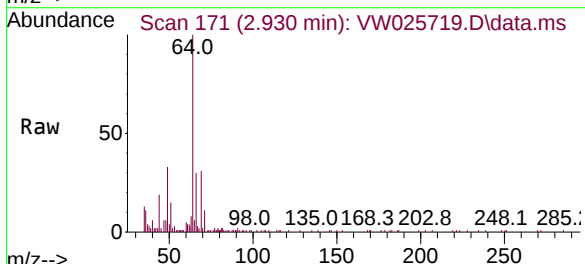
Instrument :
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ClientSampleId :
VSTD005448

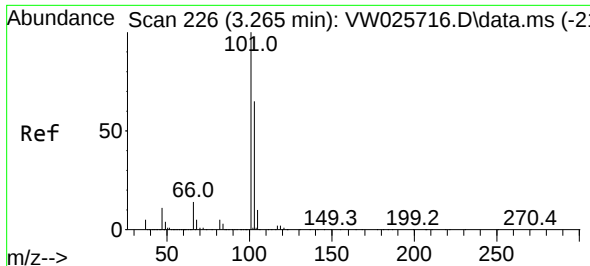
Tgt Ion: 94 Resp: 28037
Ion Ratio Lower Upper
94 100
96 95.6 65.2 121.2



#8
Chloroethane
Concen: 4.886 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 64 Resp: 26764
Ion Ratio Lower Upper
64 100
66 30.0 21.5 39.9

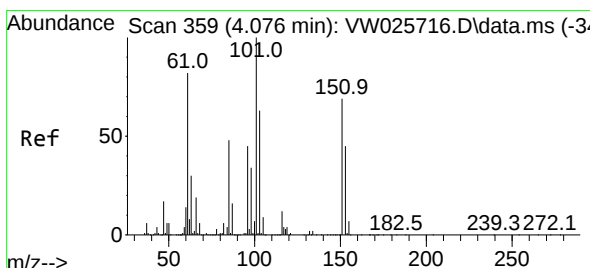
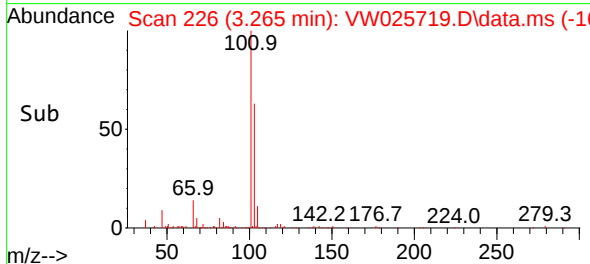
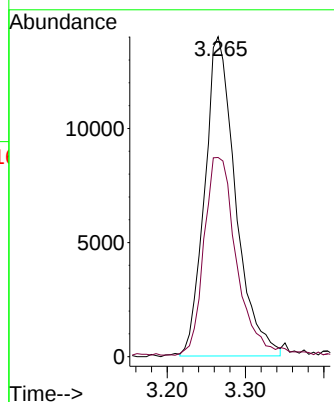
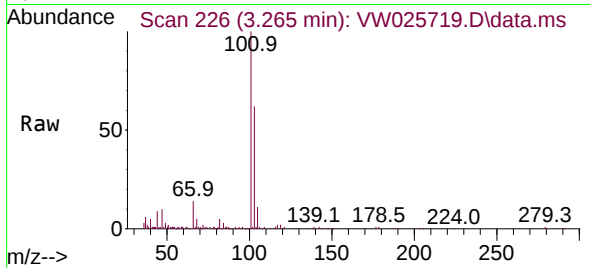




#9
 Trichlorofluoromethane
 Concen: 4.733 ug/L
 RT: 3.265 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025719.D
 Acq: 27 Apr 2023 10:22

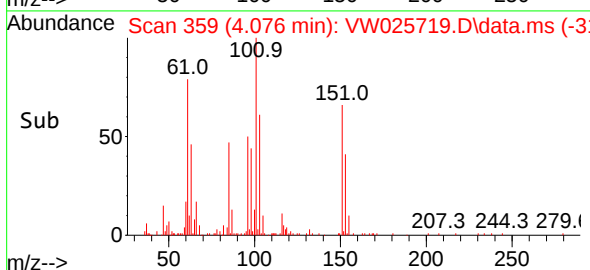
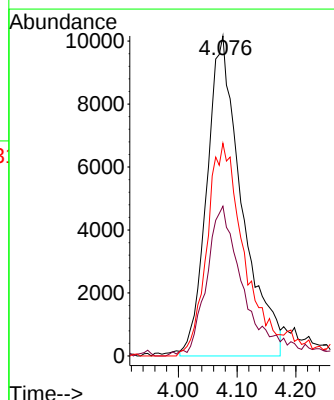
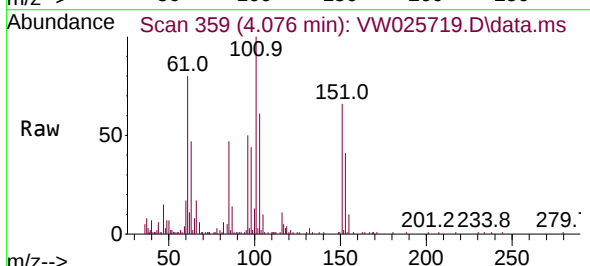
Instrument :
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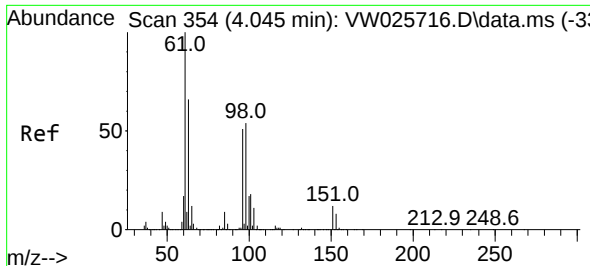
Tgt Ion:101 Resp: 38253
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.988 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025719.D
 Acq: 27 Apr 2023 10:22

Tgt Ion:101 Resp: 41951
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.9 53.9
 151 26.6 54.1 81.1#





#12

1,1-Dichloroethene

Concen: 5.101 ug/L

RT: 4.051 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

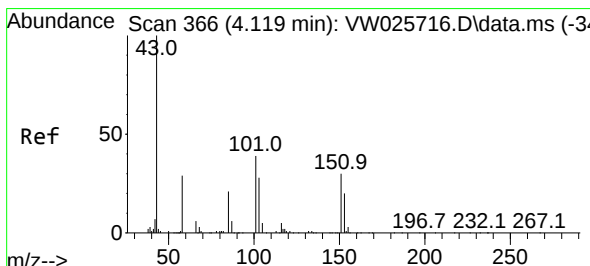
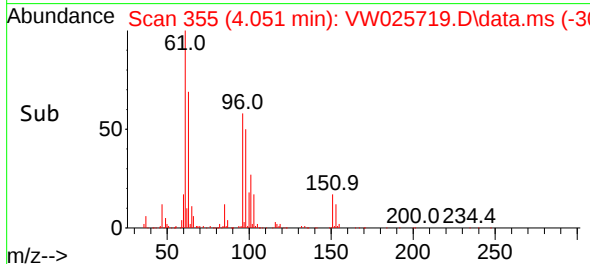
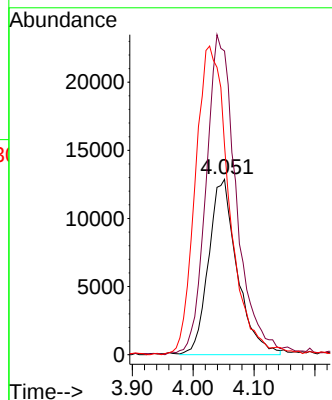
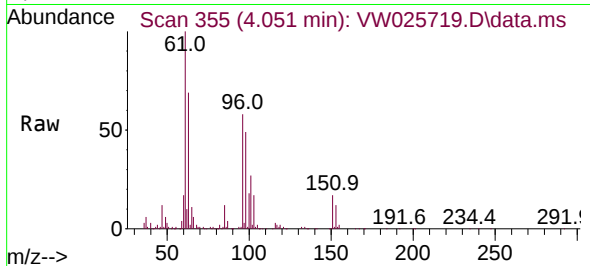
Tgt Ion: 96 Resp: 42012

Ion Ratio Lower Upper

96 100

61 173.2 137.9 256.1

63 119.5 90.5 168.1



#13

Acetone

Concen: 13.554 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW025719.D

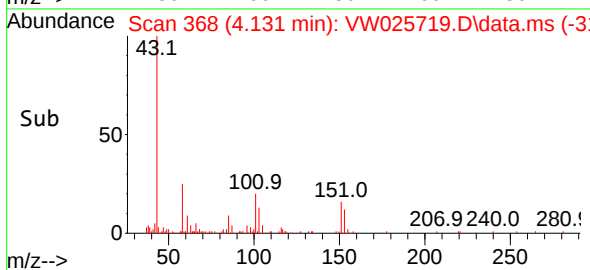
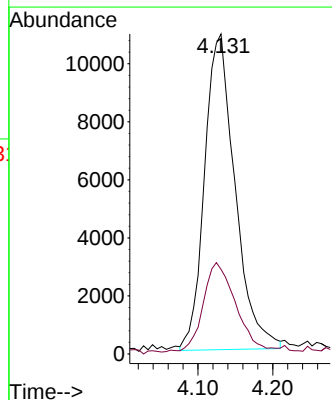
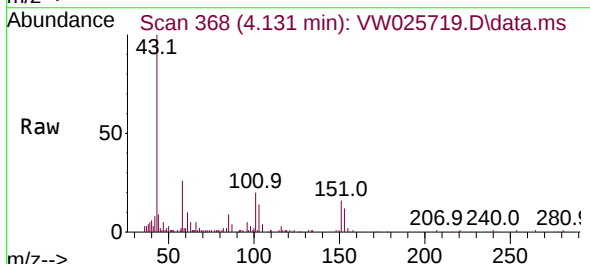
Acq: 27 Apr 2023 10:22

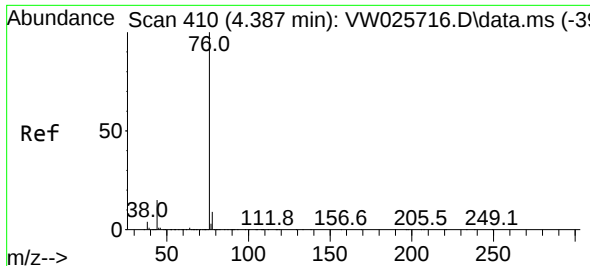
Tgt Ion: 43 Resp: 30921

Ion Ratio Lower Upper

43 100

58 30.0 0.0 58.6

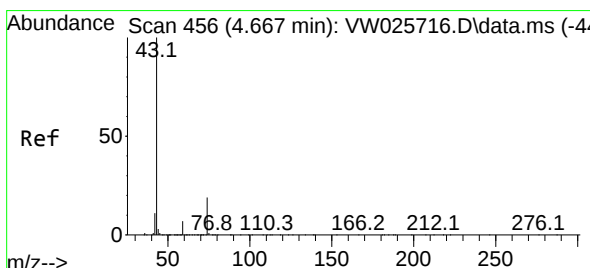
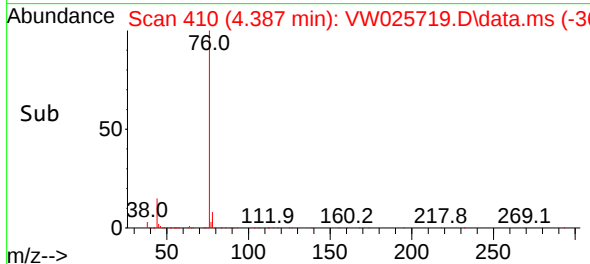
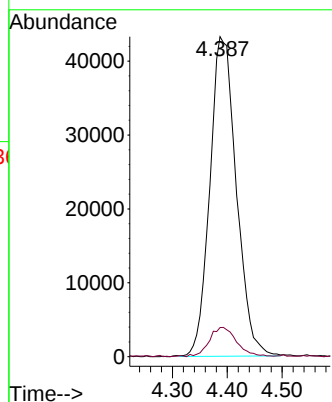
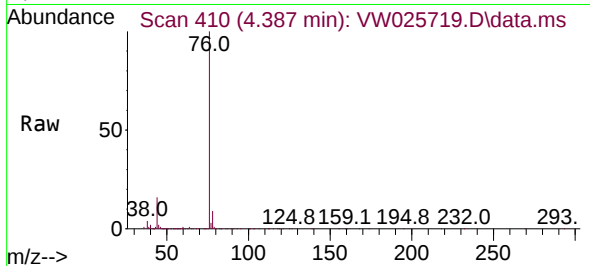




#14
Carbon disulfide
Concen: 5.020 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

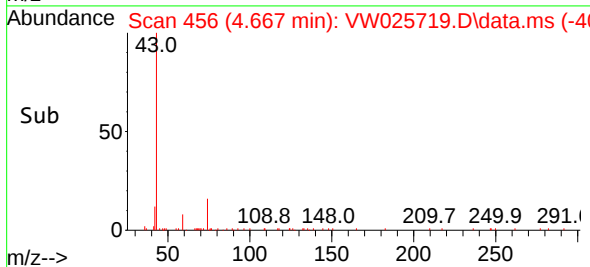
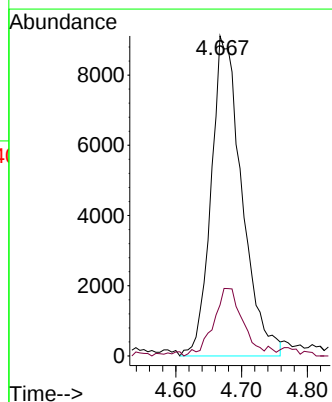
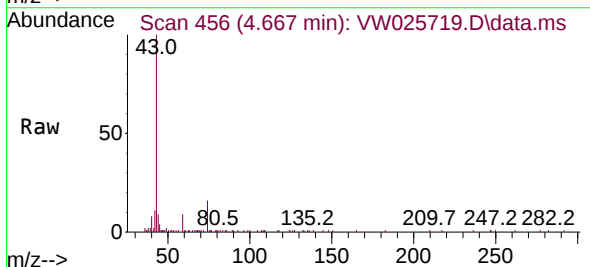
Instrument :
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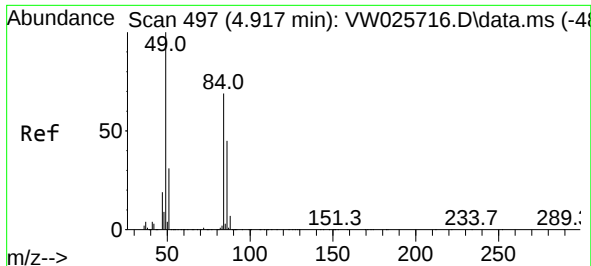
Tgt Ion: 76 Resp: 145238
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#15
Methyl Acetate
Concen: 6.558 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
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Acq: 27 Apr 2023 10:22

Tgt Ion: 43 Resp: 29604
Ion Ratio Lower Upper
43 100
74 19.4 16.1 24.1

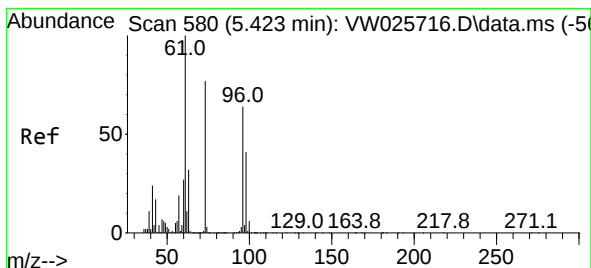
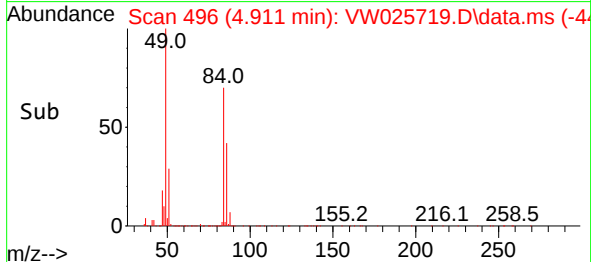
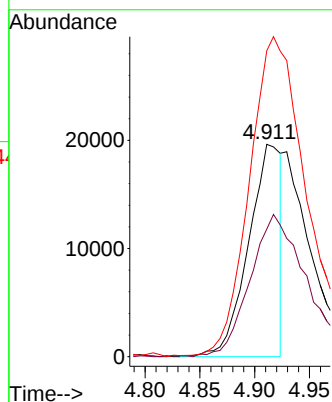
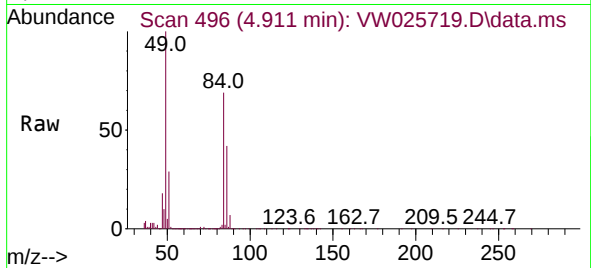




#16
Methylene chloride
Concen: 3.539 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

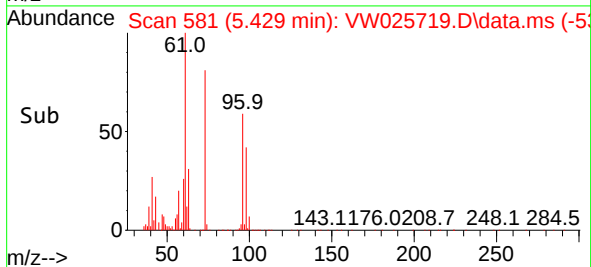
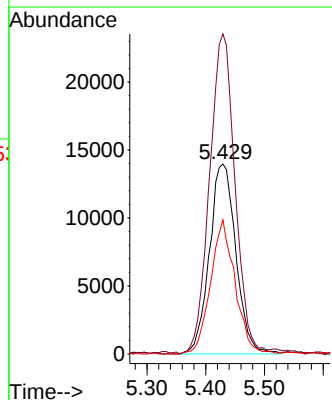
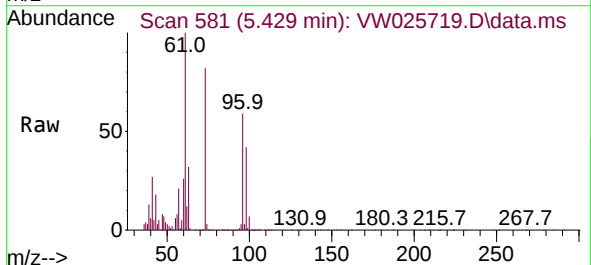
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

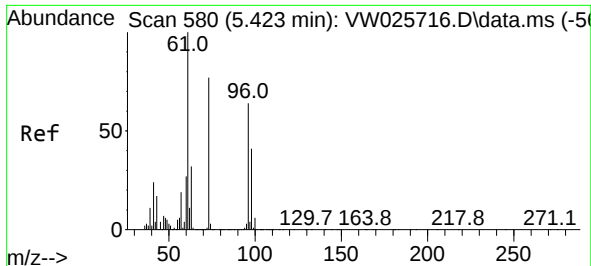
Tgt Ion: 84 Resp: 40627
Ion Ratio Lower Upper
84 100
86 60.0 46.3 85.9
49 144.1 101.9 189.3



#17
trans-1,2-Dichloroethene
Concen: 5.024 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 96 Resp: 43734
Ion Ratio Lower Upper
96 100
61 168.5 110.2 204.8
98 70.5 44.8 83.2

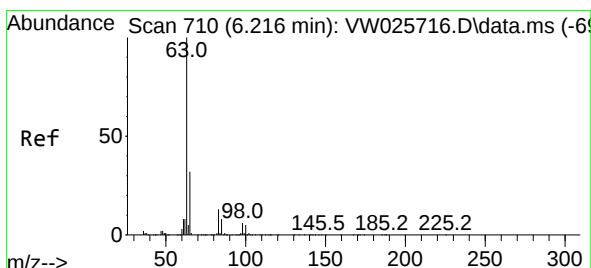
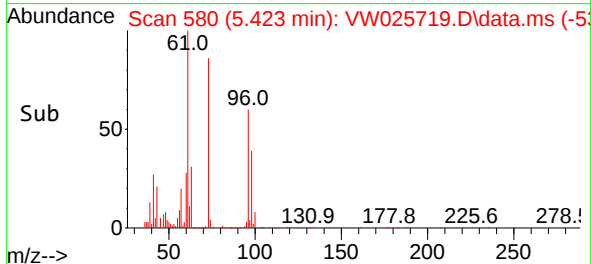
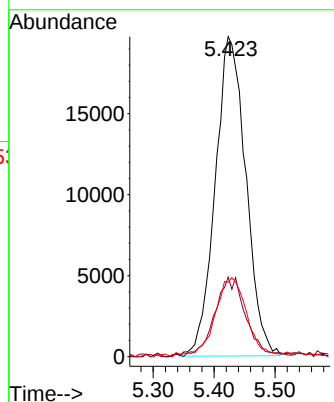
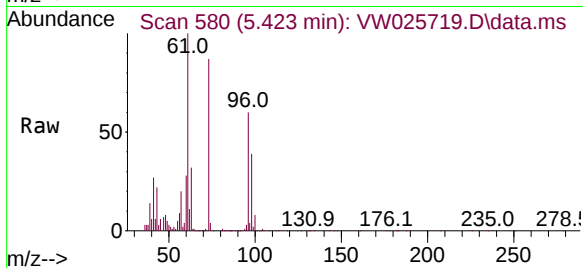




#18
Methyl tert-butyl Ether
Concen: 5.492 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

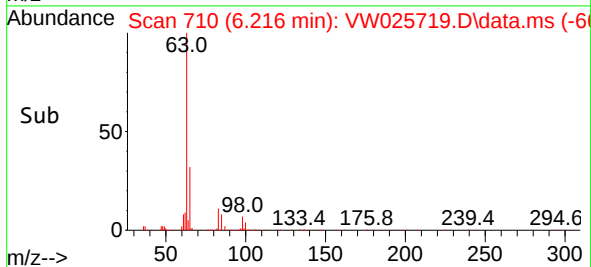
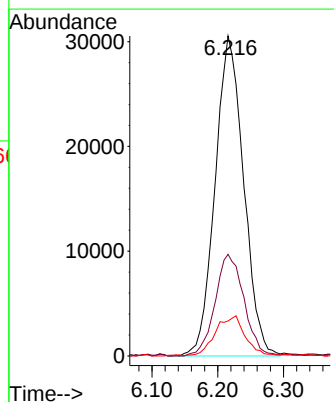
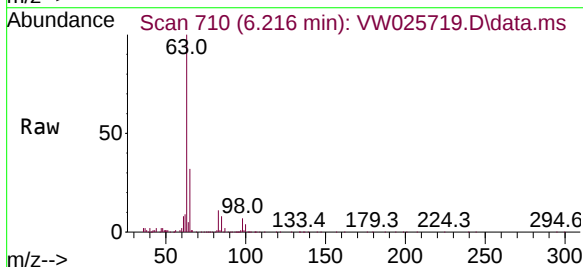
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

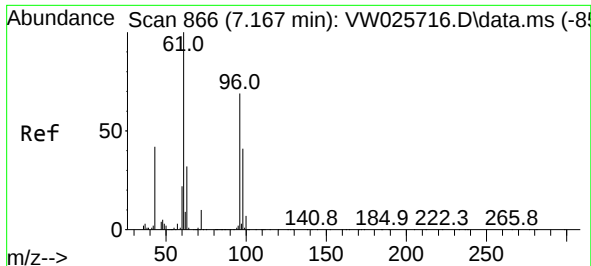
Tgt Ion: 73 Resp: 68807
Ion Ratio Lower Upper
73 100
43 14.6 18.2 27.4#
57 24.5 19.3 28.9



#19
1,1-Dichloroethane
Concen: 5.193 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 63 Resp: 92145
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.9
83 11.0 9.0 16.8

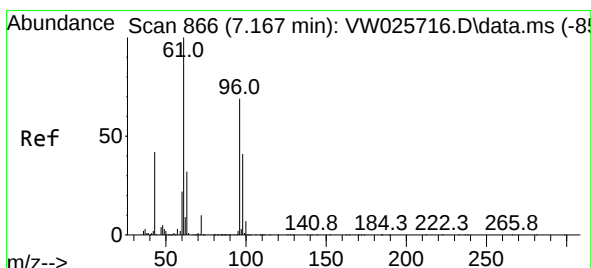
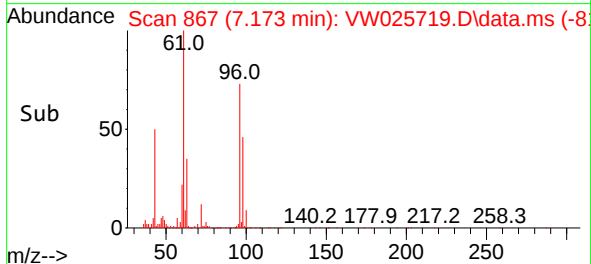
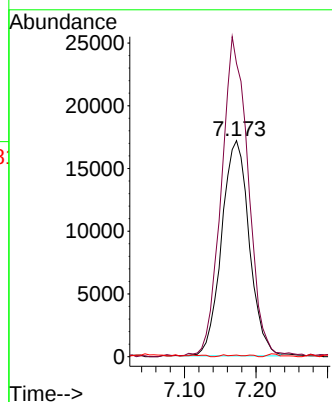
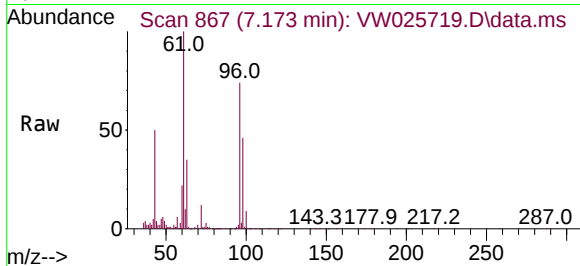




#20
 cis-1,2-Dichloroethene
 Concen: 5.043 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025719.D
 Acq: 27 Apr 2023 10:22

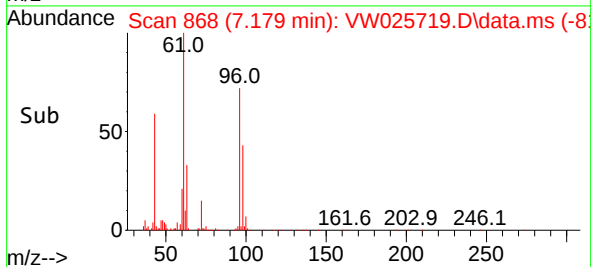
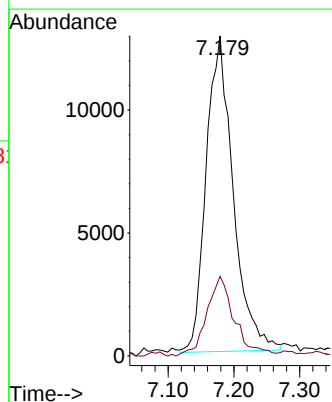
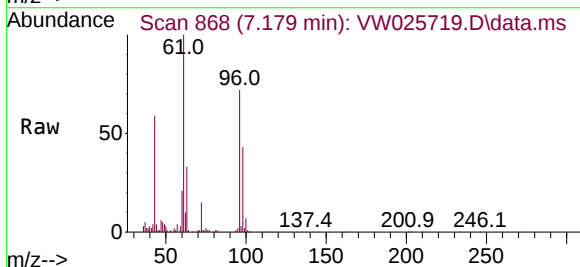
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

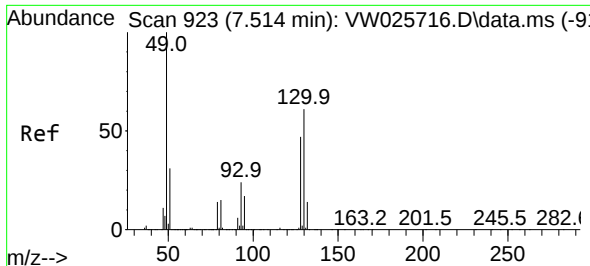
Tgt Ion: 96 Resp: 46056
 Ion Ratio Lower Upper
 96 100
 61 135.7 101.6 188.6
 68 0.7 0.1 0.1#



#22
 2-Butanone
 Concen: 12.700 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.012 min
 Lab File: VW025719.D
 Acq: 27 Apr 2023 10:22

Tgt Ion: 43 Resp: 36733
 Ion Ratio Lower Upper
 43 100
 72 25.7 11.7 35.0

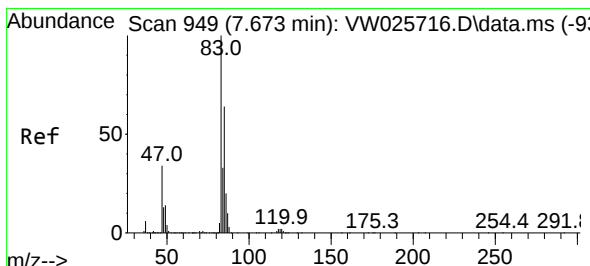
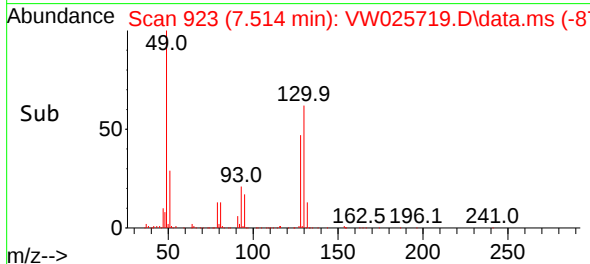
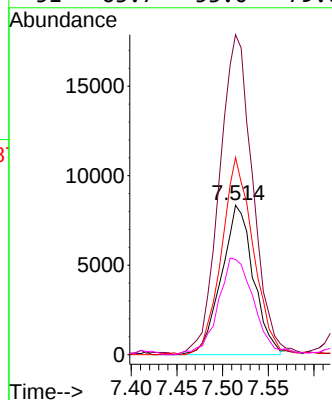
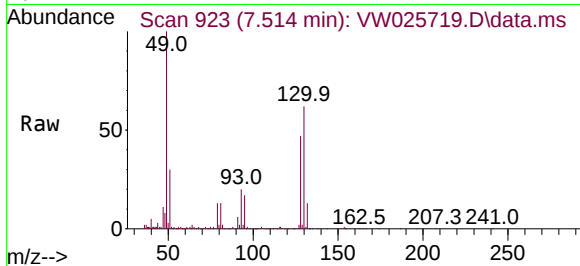




#23
Bromochloromethane
Concen: 5.341 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

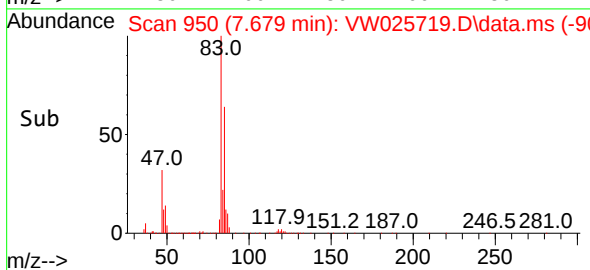
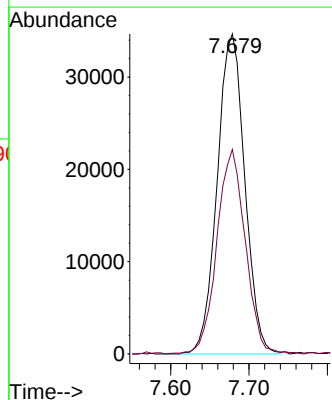
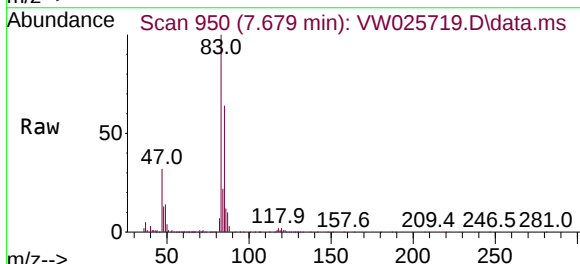
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

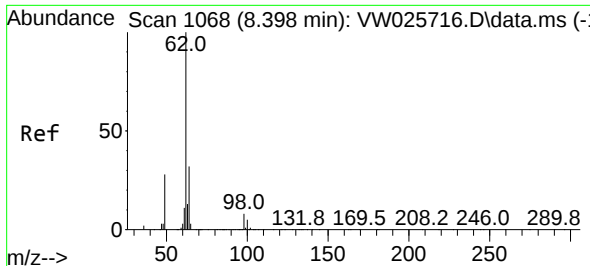
Tgt Ion:	128	Resp:	20253
Ion	Ratio	Lower	Upper
128	100		
49	214.0	148.0	274.8
130	131.8	90.3	167.7
51	63.7	53.0	79.6



#25
Chloroform
Concen: 5.216 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:	83	Resp:	84995
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.9	83.5

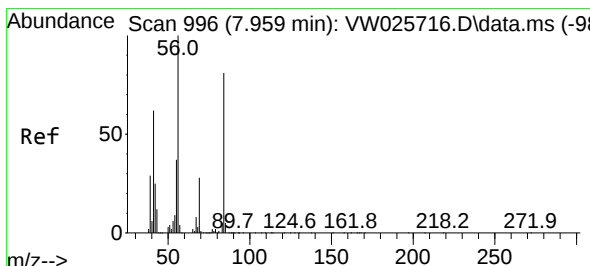
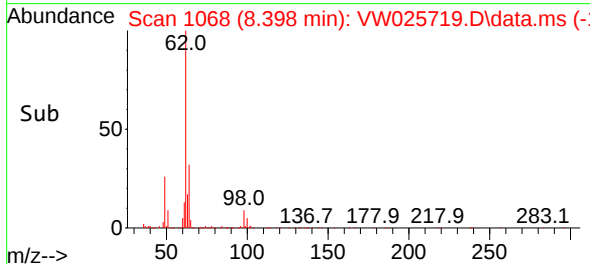
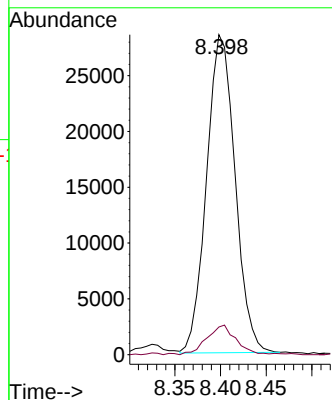
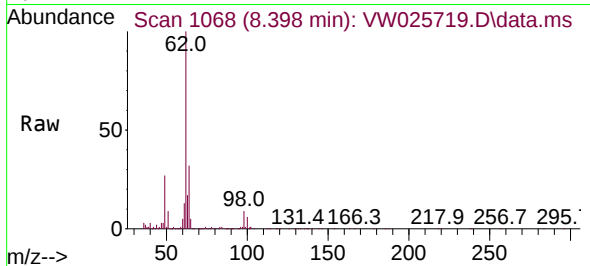




#27
1,2-Dichloroethane
Concen: 5.543 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

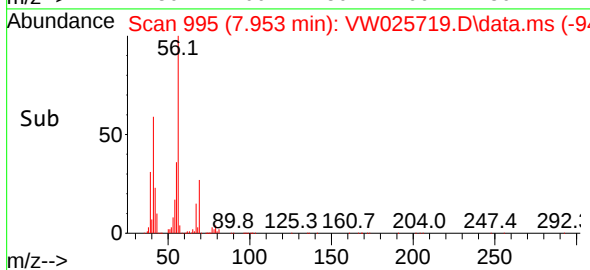
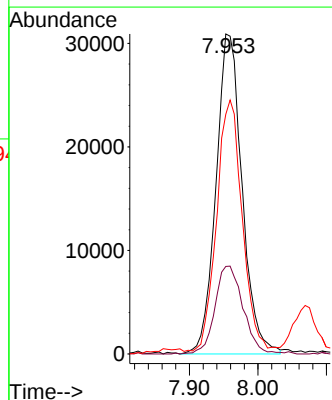
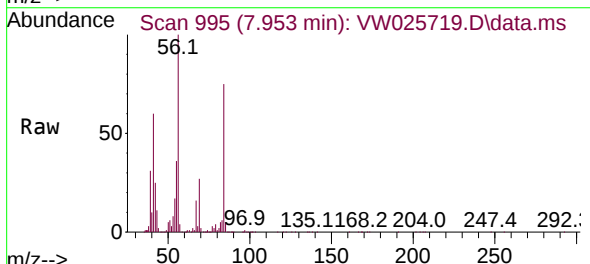
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

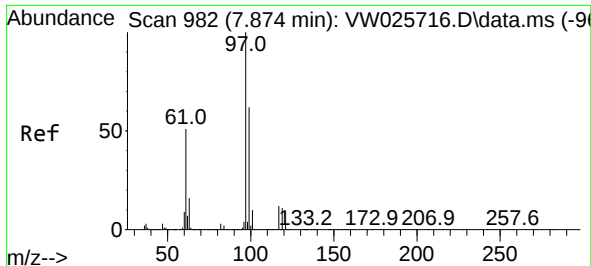
Tgt Ion: 62 Resp: 61882
Ion Ratio Lower Upper
62 100
98 8.7 6.5 9.7



#29
Cyclohexane
Concen: 4.852 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 56 Resp: 81720
Ion Ratio Lower Upper
56 100
69 29.4 22.6 34.0
84 78.1 62.2 93.2

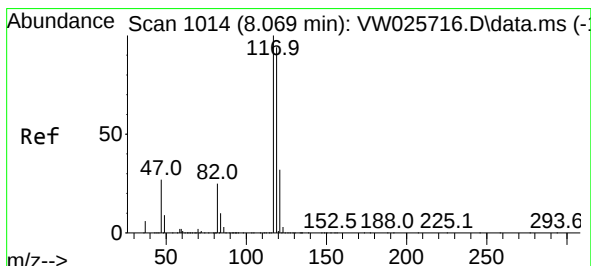
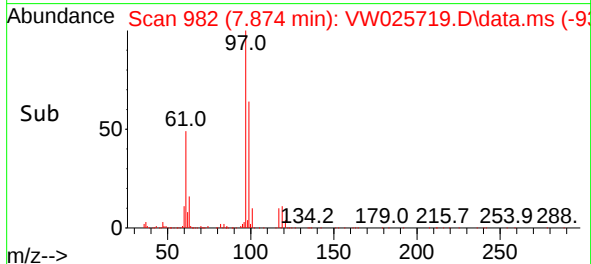
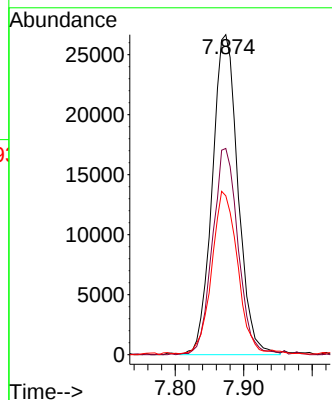
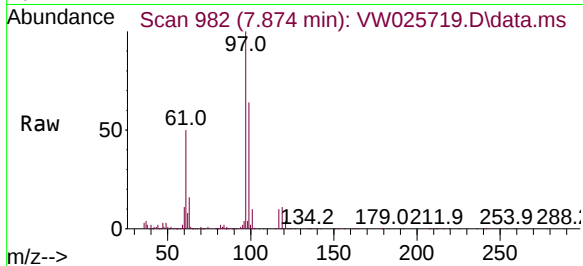




#30
1,1,1-Trichloroethane
Concen: 5.286 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

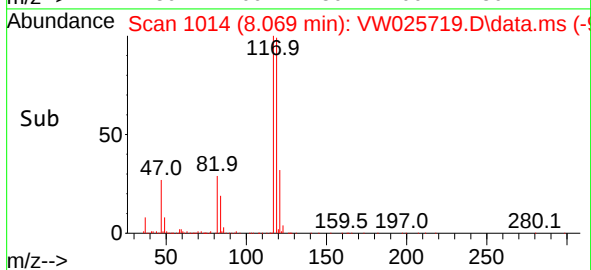
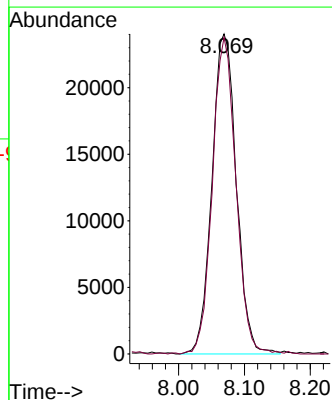
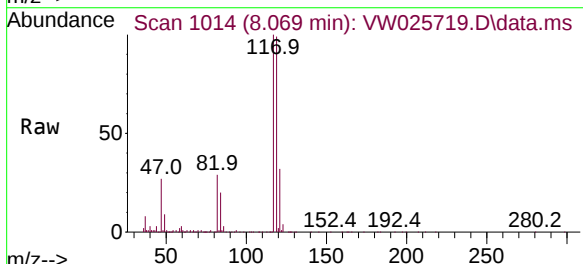
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

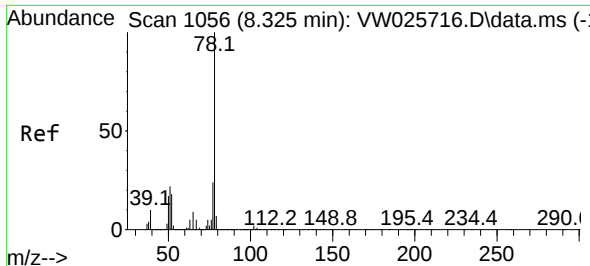
Tgt Ion:	97	Resp:	69469
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	50.5	42.2	63.2



#31
Carbon tetrachloride
Concen: 5.195 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:	117	Resp:	62125
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.2





#33

Benzene

Concen: 5.185 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

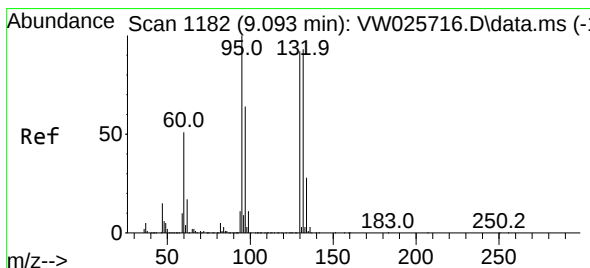
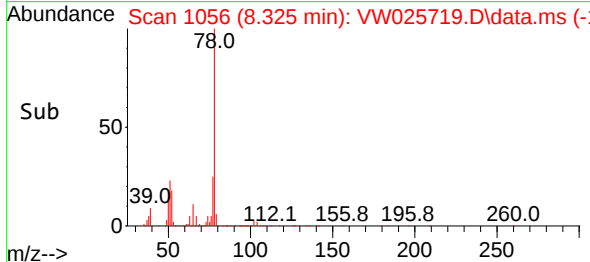
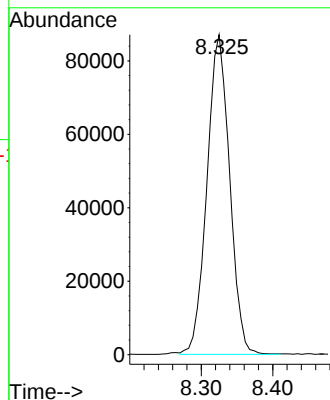
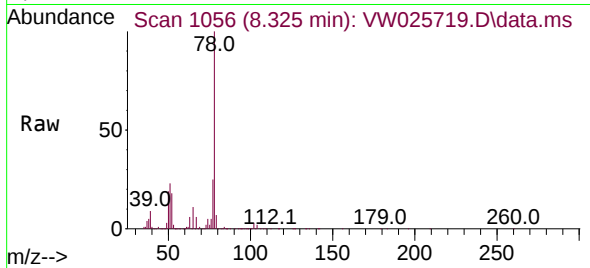
Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

Tgt Ion: 78 Resp: 191560



#34

Trichloroethene

Concen: 5.276 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Tgt Ion: 95 Resp: 50355

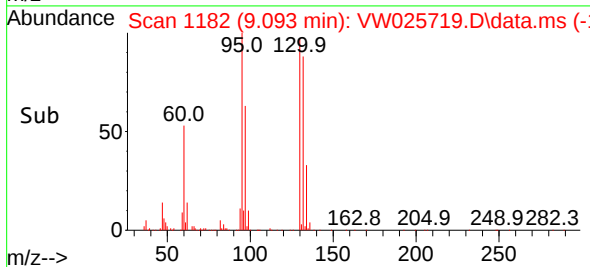
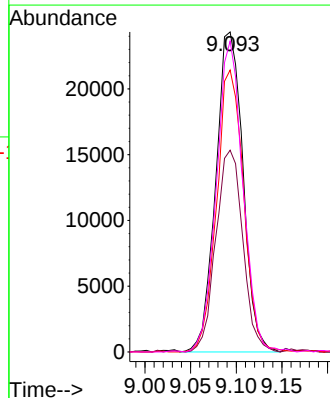
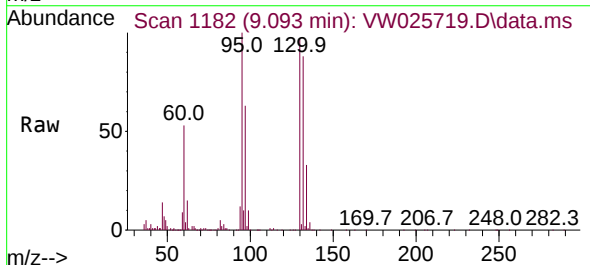
Ion Ratio Lower Upper

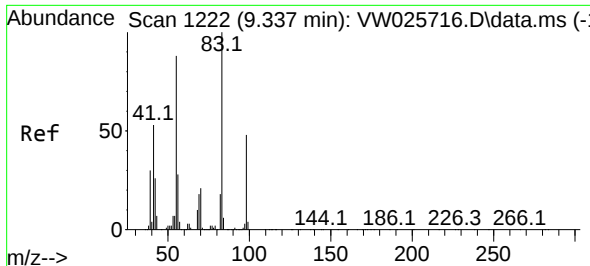
95 100

97 63.1 44.7 83.1

132 88.1 65.0 120.6

130 97.1 64.5 119.9

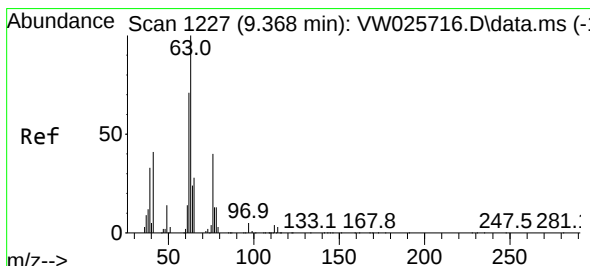
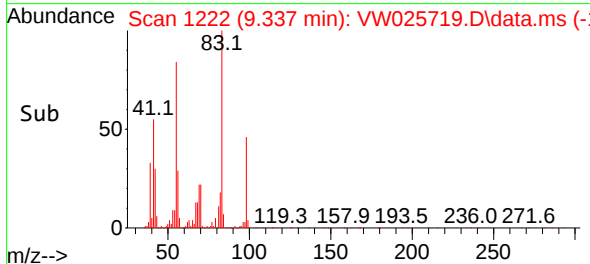
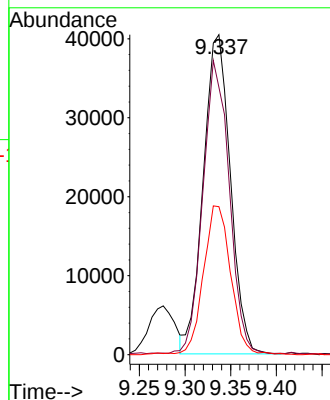
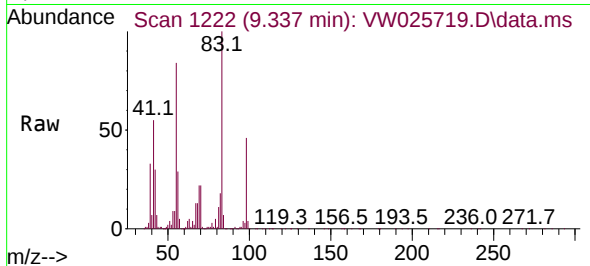




#35
Methylcyclohexane
Concen: 4.918 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

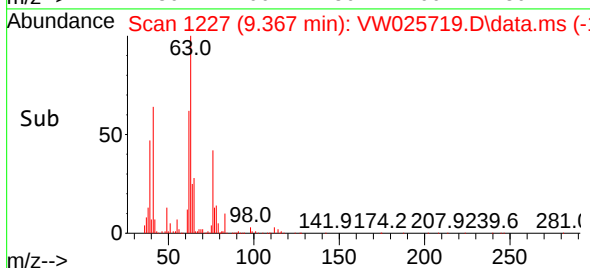
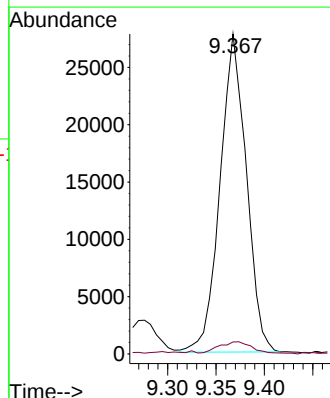
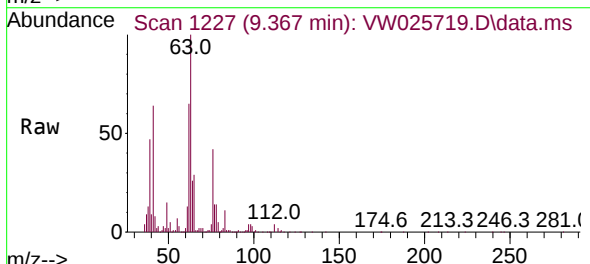
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

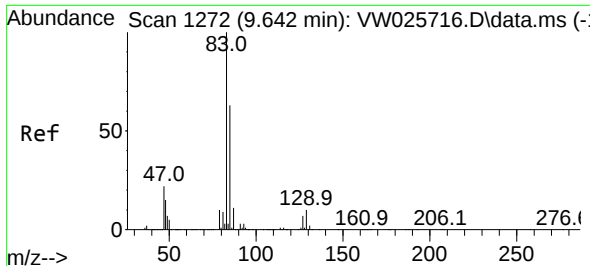
Tgt Ion:	83	Resp:	83416
Ion	Ratio	Lower	Upper
83	100		
55	89.4	68.7	103.1
98	45.9	37.4	56.2



#37
1,2-Dichloropropane
Concen: 5.266 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:	63	Resp:	52444
Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.2	4.8

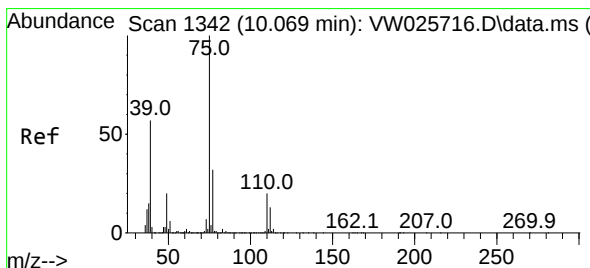
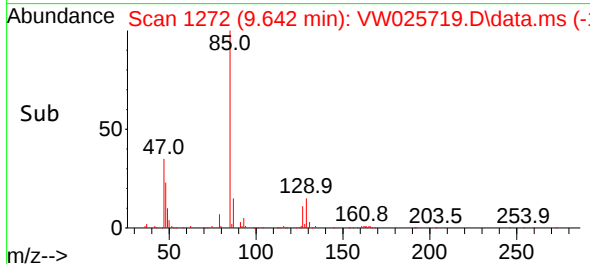
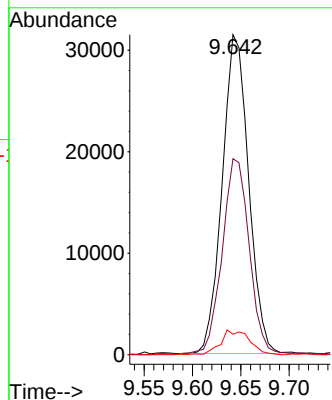
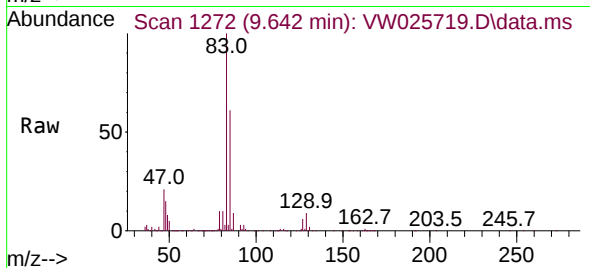




#38
Bromodichloromethane
Concen: 5.294 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

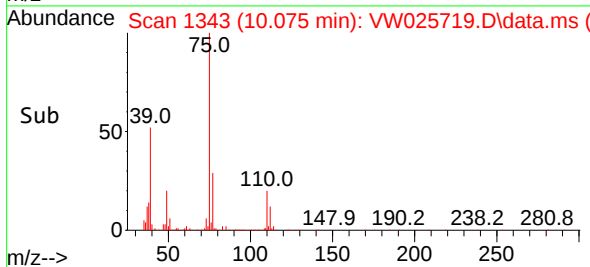
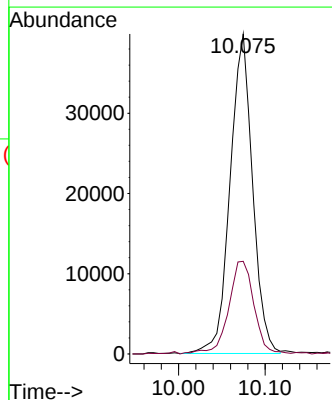
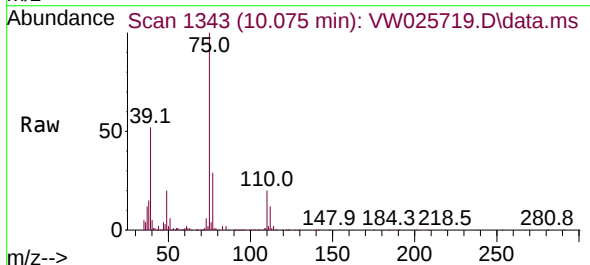
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

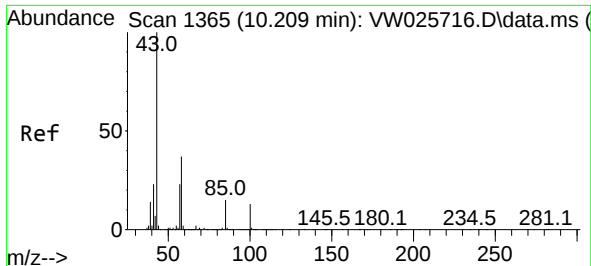
Tgt Ion:	83	Resp:	59604
Ion	Ratio	Lower	Upper
83	100		
85	61.3	44.4	82.4
127	6.4	5.5	8.3



#39
cis-1,3-Dichloropropene
Concen: 5.034 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:	75	Resp:	71792
Ion	Ratio	Lower	Upper
75	100		
77	29.0	22.3	41.5

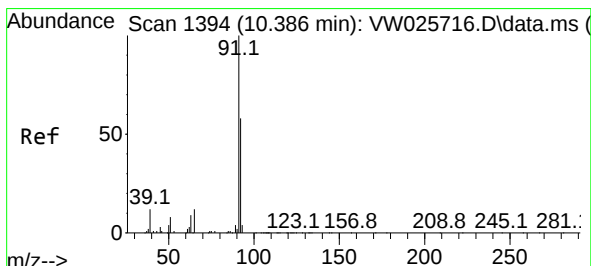
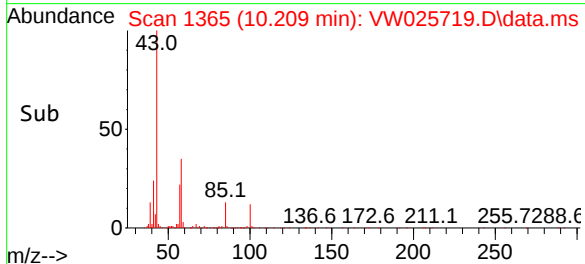
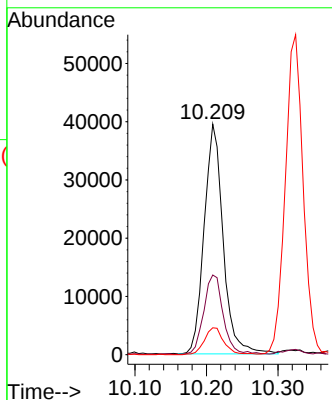
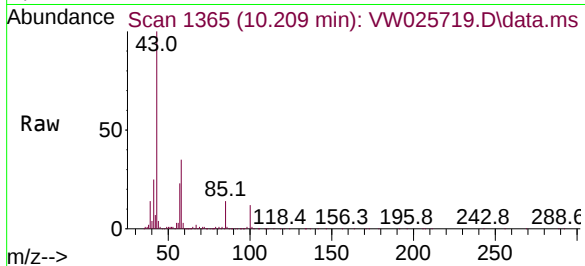




#40
4-Methyl-2-pentanone
Concen: 12.145 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

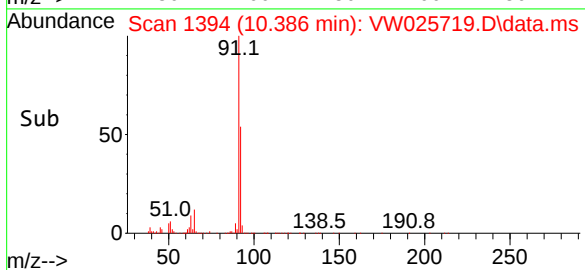
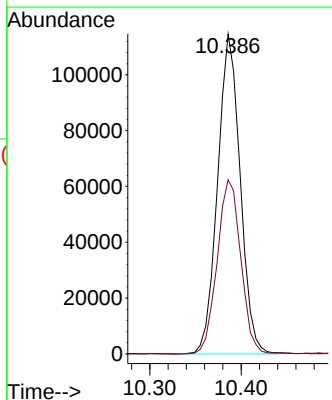
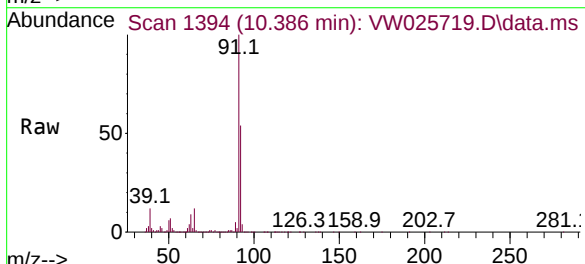
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

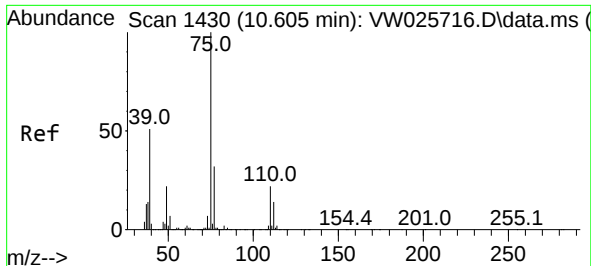
Tgt Ion:	43	Resp:	72955
Ion	Ratio	Lower	Upper
43	100		
58	34.8	29.4	44.0
100	11.9	10.2	15.4



#42
Toluene
Concen: 5.225 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:	91	Resp:	196965
Ion	Ratio	Lower	Upper
91	100		
92	54.4	40.8	75.8

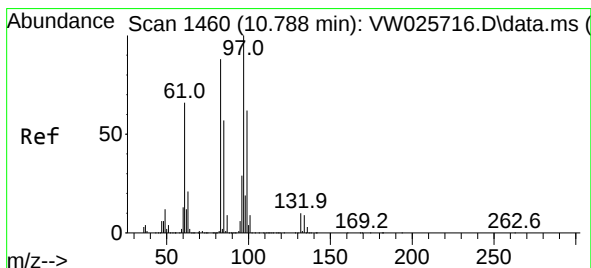
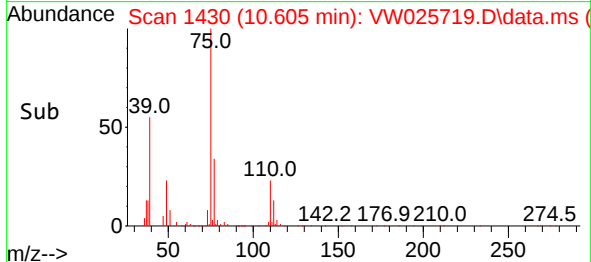
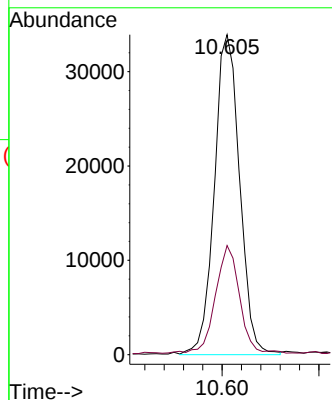
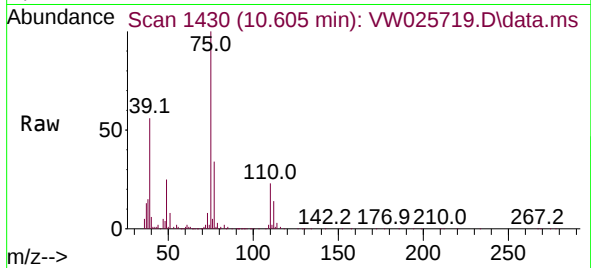




#44
trans-1,3-Dichloropropene
Concen: 5.243 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

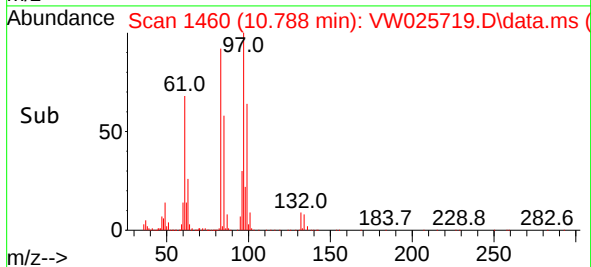
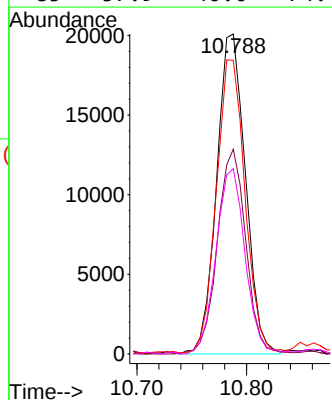
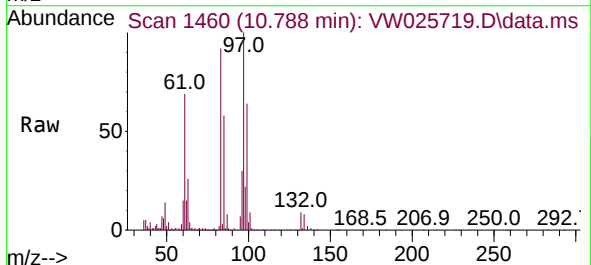
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

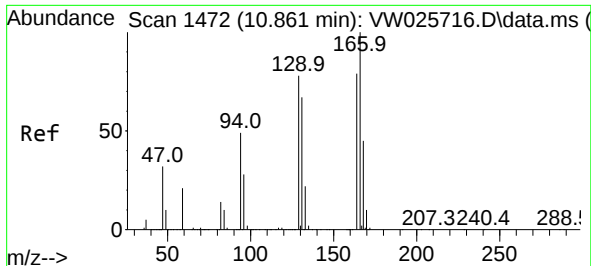
Tgt Ion: 75 Resp: 61437
Ion Ratio Lower Upper
75 100
77 34.1 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 5.681 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 97 Resp: 36664
Ion Ratio Lower Upper
97 100
99 64.0 43.6 81.0
83 91.8 61.5 114.1
85 57.9 40.0 74.4

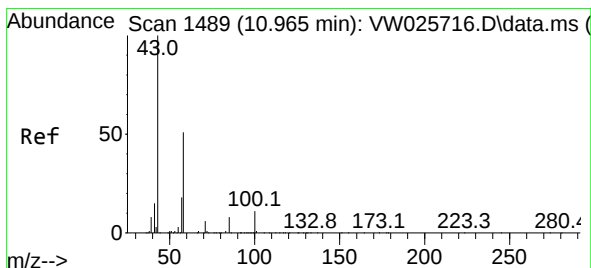
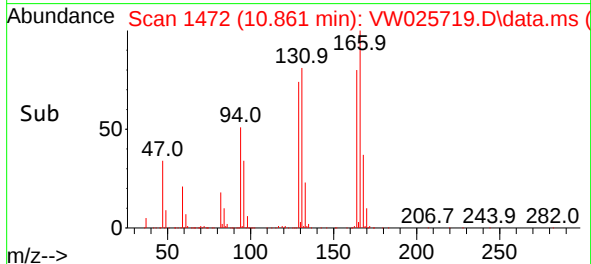
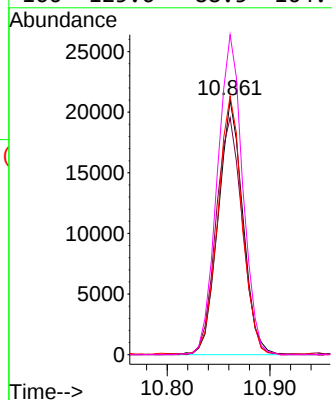
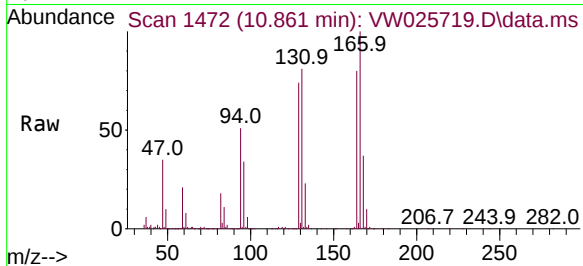




#46
Tetrachloroethene
Concen: 5.160 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

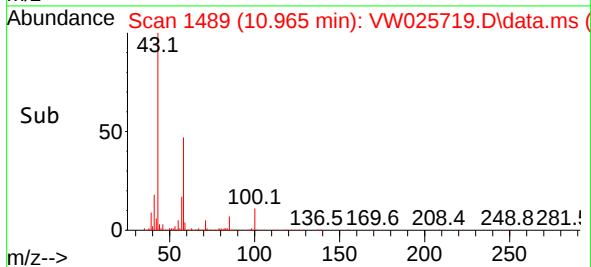
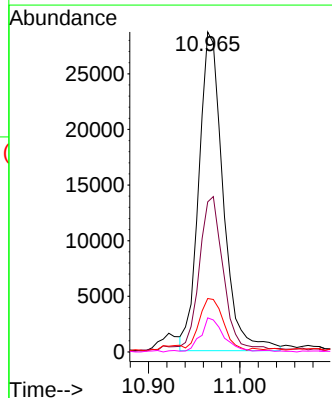
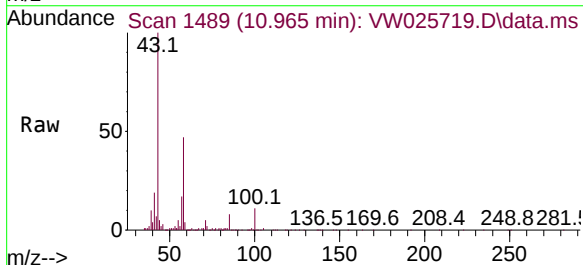
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

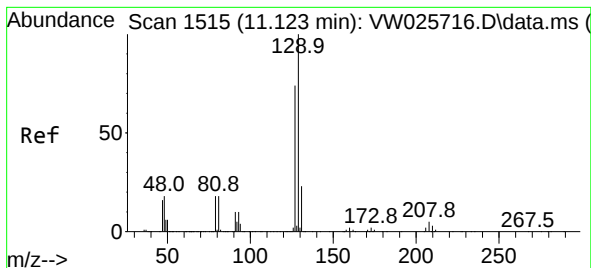
Tgt Ion:	164	Resp:	34877
Ion	Ratio	Lower	Upper
164	100		
129	93.0	69.2	128.6
131	101.5	59.4	110.2
166	125.6	88.5	164.4



#48
2-Hexanone
Concen: 12.497 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:	43	Resp:	52867
Ion	Ratio	Lower	Upper
43	100		
58	44.3	40.3	60.5
57	16.1	13.8	20.8
100	10.0	7.8	11.6





#49

Dibromochloromethane

Concen: 5.343 ug/L

RT: 11.129 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

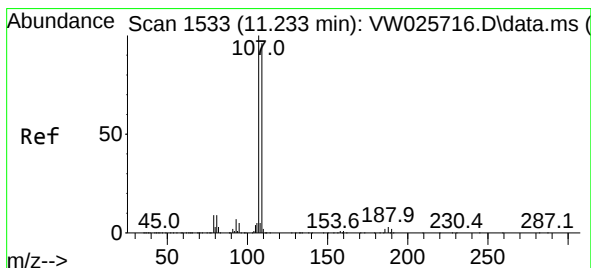
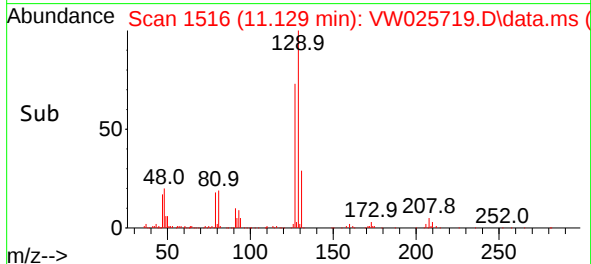
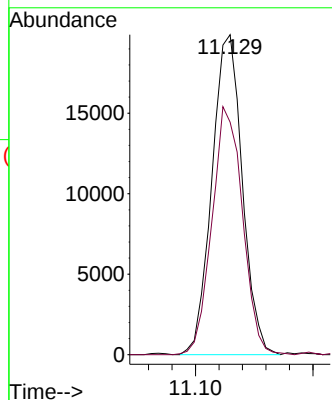
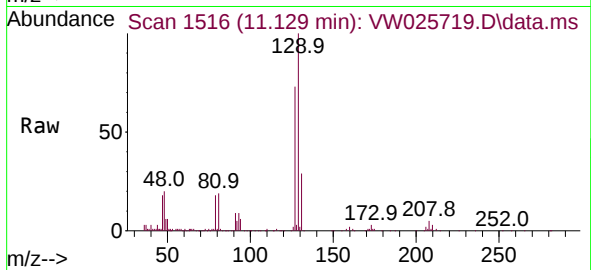
VSTD005448

Tgt Ion:129 Resp: 35716

Ion Ratio Lower Upper

129 100

127 72.7 51.9 96.5



#50

1,2-Dibromoethane

Concen: 5.597 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

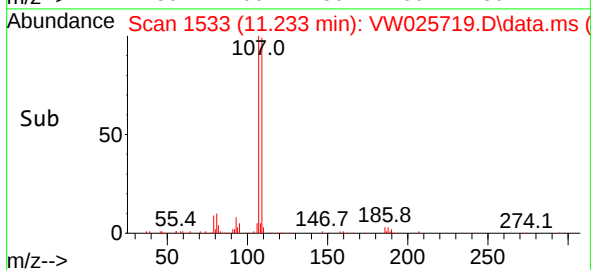
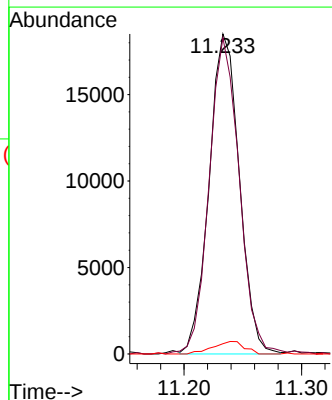
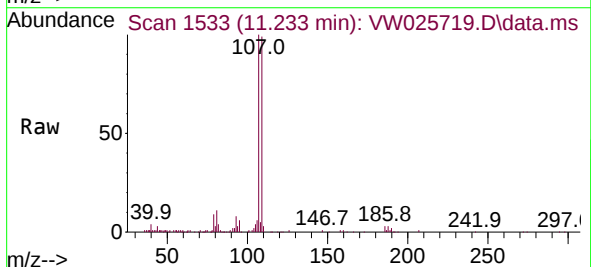
Tgt Ion:107 Resp: 33136

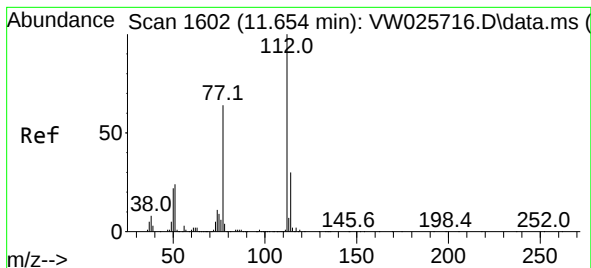
Ion Ratio Lower Upper

107 100

109 98.8 66.9 124.3

188 3.2 2.1 3.1#





#51

Chlorobenzene

Concen: 5.266 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

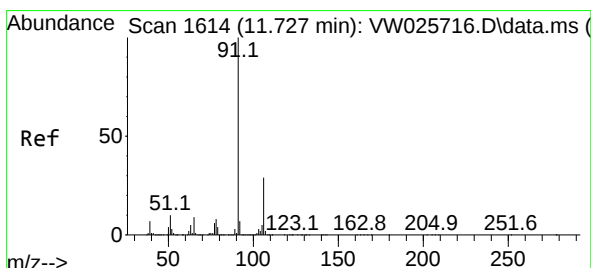
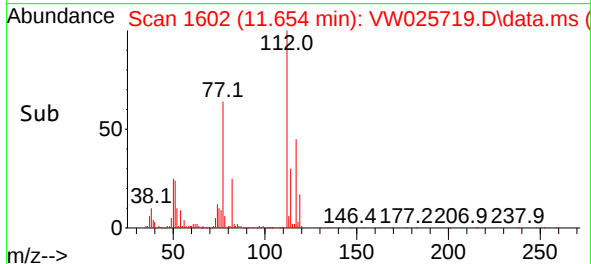
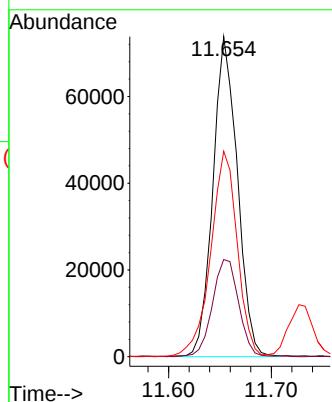
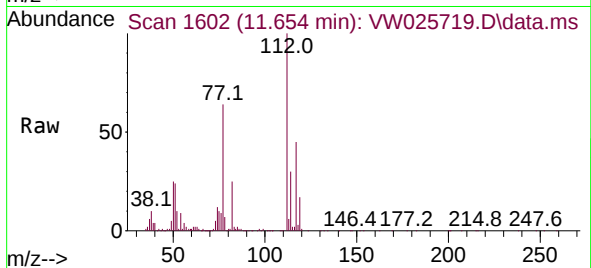
Tgt Ion:112 Resp: 122156

Ion Ratio Lower Upper

112 100

114 30.3 21.2 39.4

77 64.2 51.5 77.3



#52

Ethylbenzene

Concen: 5.037 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW025719.D

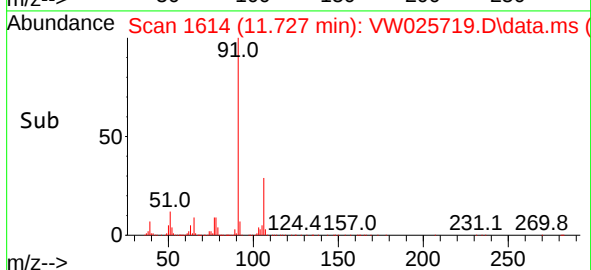
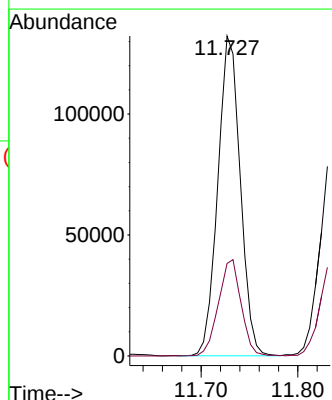
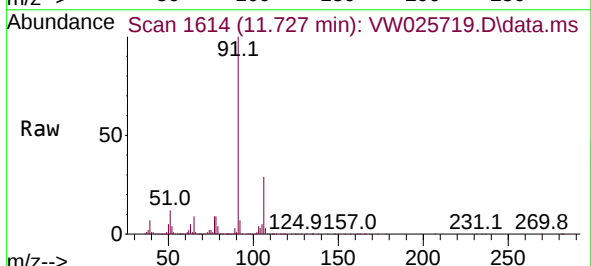
Acq: 27 Apr 2023 10:22

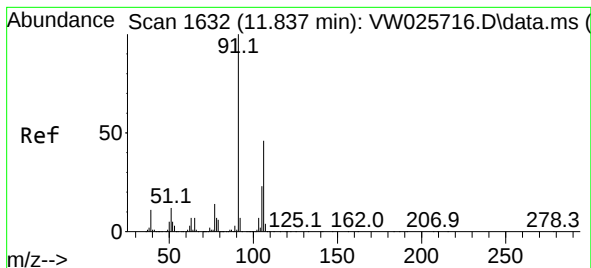
Tgt Ion: 91 Resp: 212904

Ion Ratio Lower Upper

91 100

106 28.9 20.4 37.8





#53

m,p-Xylene

Concen: 5.062 ug/L

RT: 11.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

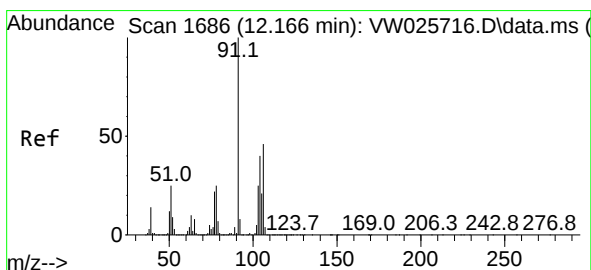
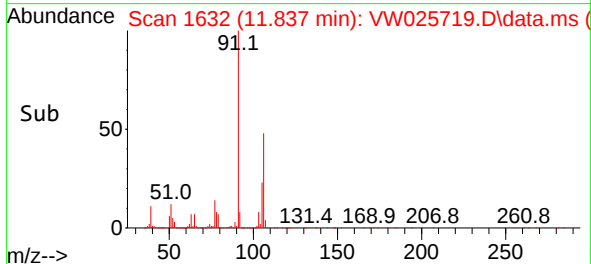
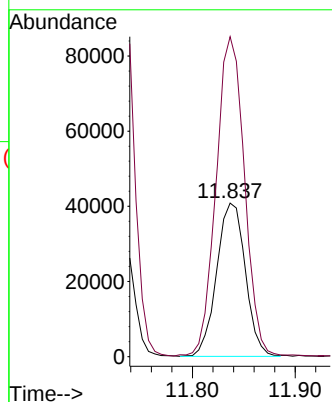
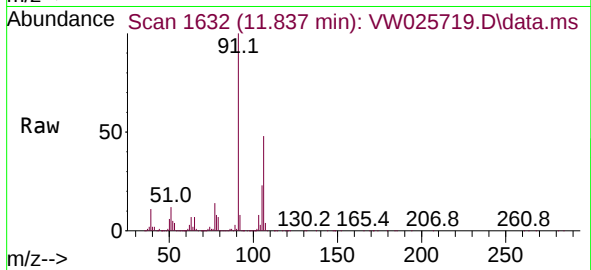
VSTD005448

Tgt Ion:106 Resp: 78990

Ion Ratio Lower Upper

106 100

91 208.2 151.1 280.5



#54

o-Xylene

Concen: 5.073 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW025719.D

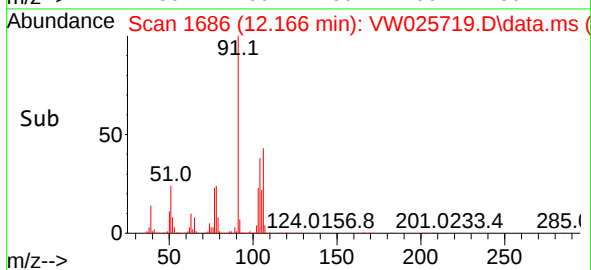
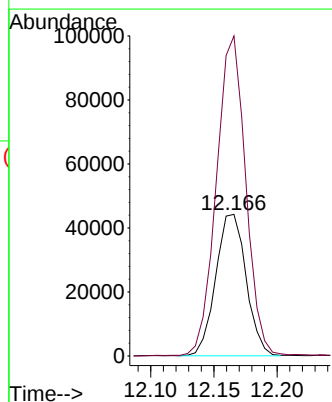
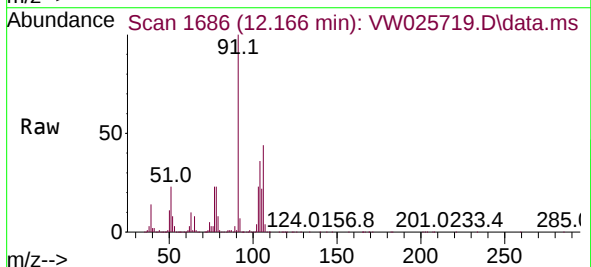
Acq: 27 Apr 2023 10:22

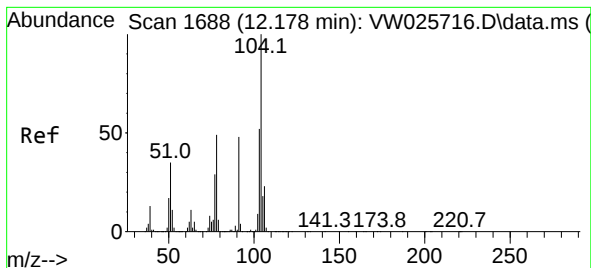
Tgt Ion:106 Resp: 73819

Ion Ratio Lower Upper

106 100

91 226.1 150.8 280.1





#55

Styrene

Concen: 5.143 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

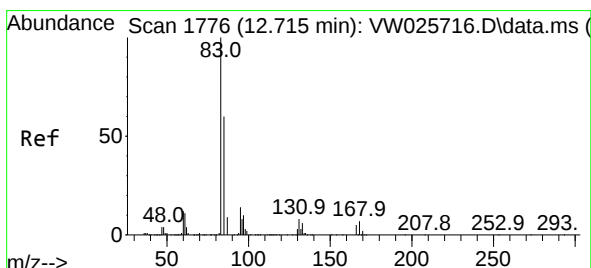
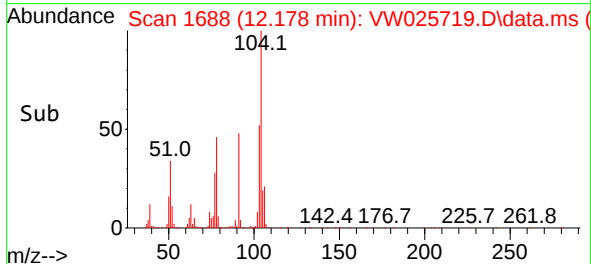
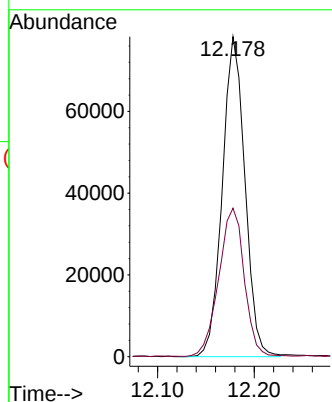
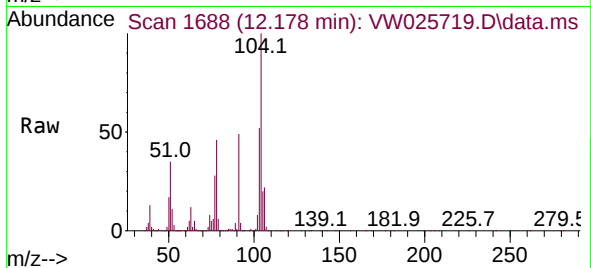
VSTD005448

Tgt Ion:104 Resp: 126849

Ion Ratio Lower Upper

104 100

78 46.4 34.2 63.6



#57

1,1,2,2-Tetrachloroethane

Concen: 5.971 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

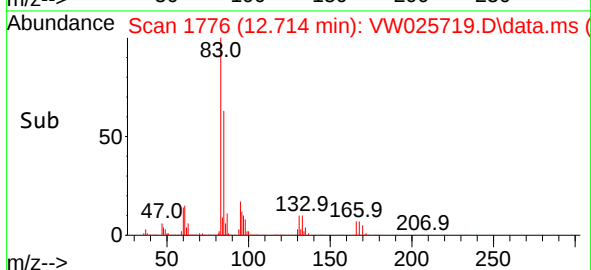
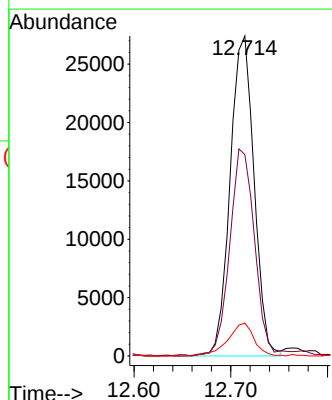
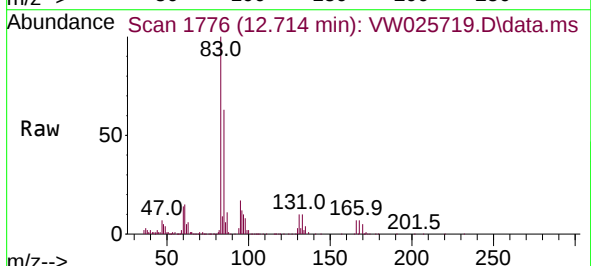
Tgt Ion: 83 Resp: 47188

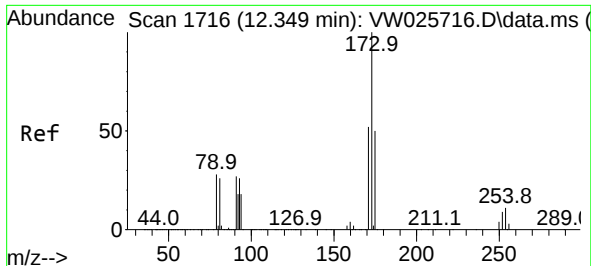
Ion Ratio Lower Upper

83 100

85 63.0 42.2 78.4

131 10.3 6.6 9.8#

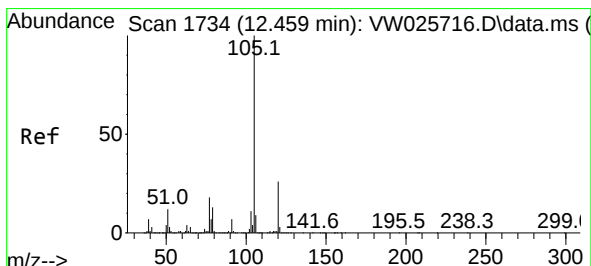
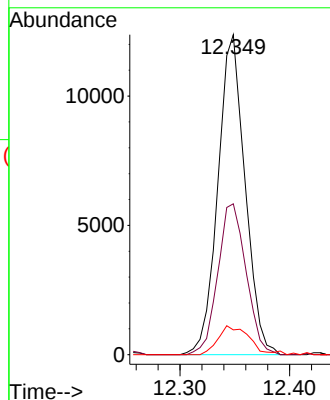
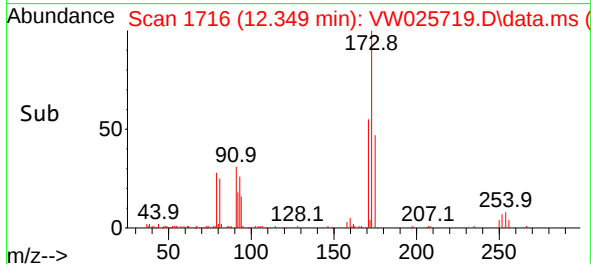
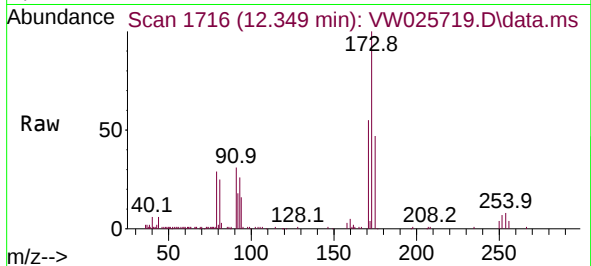




#59
Bromoform
Concen: 5.926 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

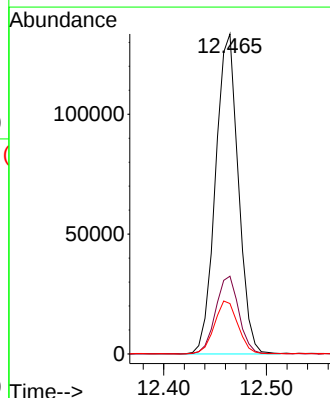
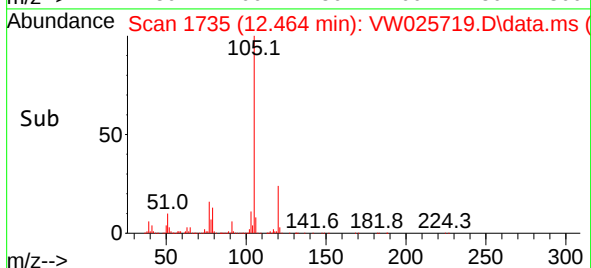
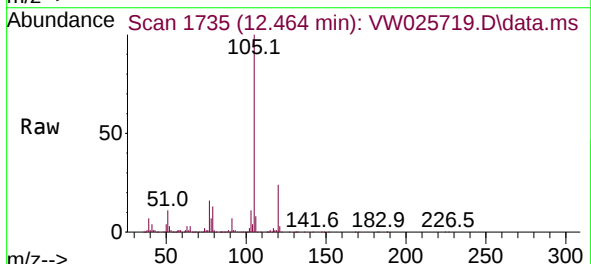
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

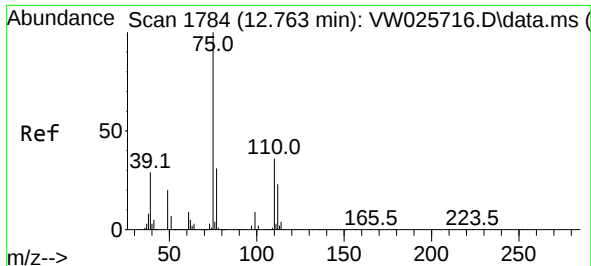
Tgt Ion:173 Resp: 21309
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 10.0 7.8 11.6



#60
Isopropylbenzene
Concen: 5.158 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:105 Resp: 205603
Ion Ratio Lower Upper
105 100
120 24.7 20.9 31.3
77 17.2 13.8 20.6

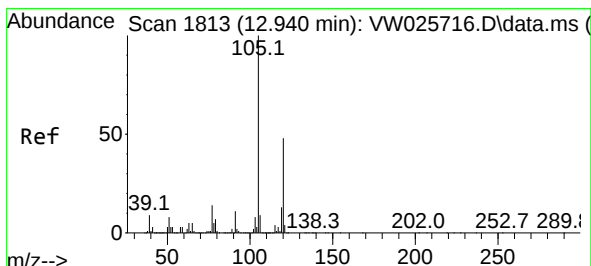
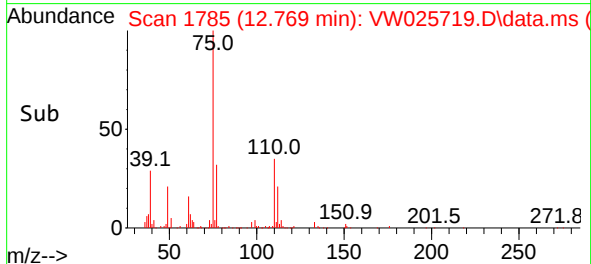
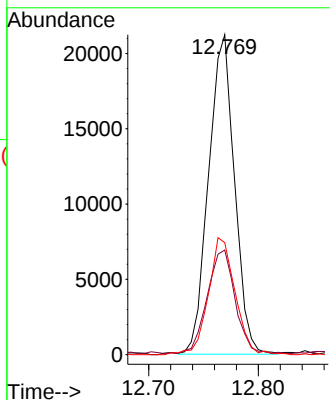
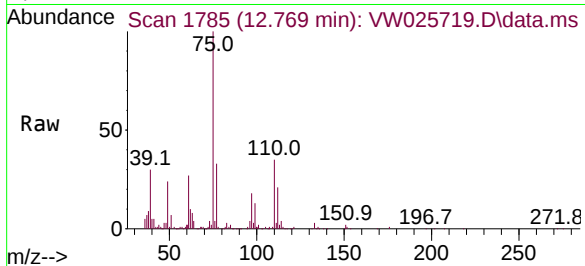




#61
1,2,3-Trichloropropane
Concen: 6.183 ug/L
RT: 12.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

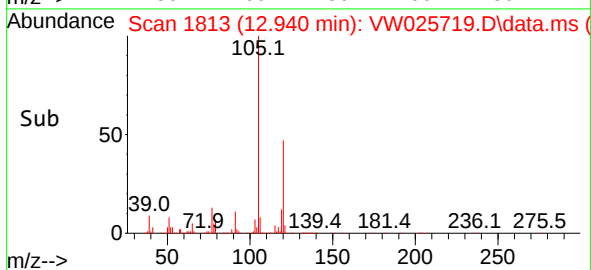
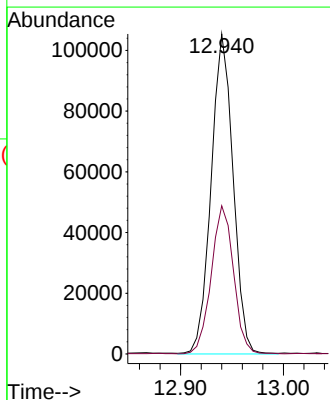
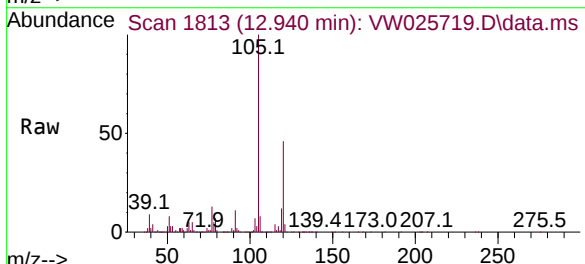
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

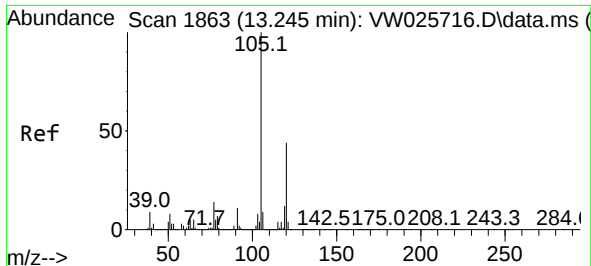
Tgt Ion: 75 Resp: 34900
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9
110 37.3 28.7 43.1



#62
1,3,5-Trimethylbenzene
Concen: 4.991 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion: 105 Resp: 156420
Ion Ratio Lower Upper
105 100
120 46.9 39.0 58.6

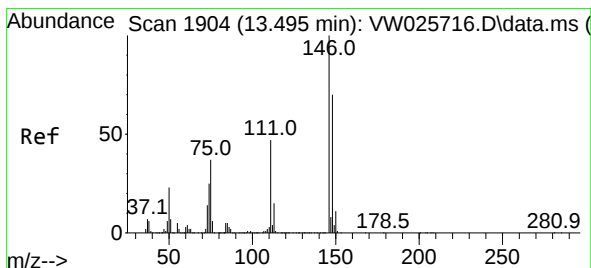
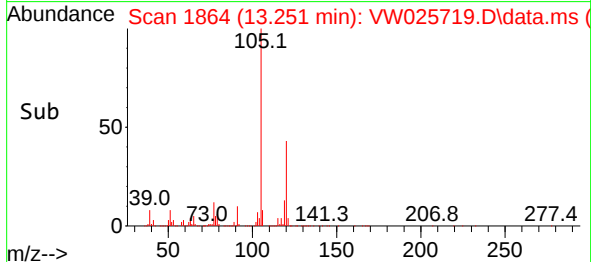
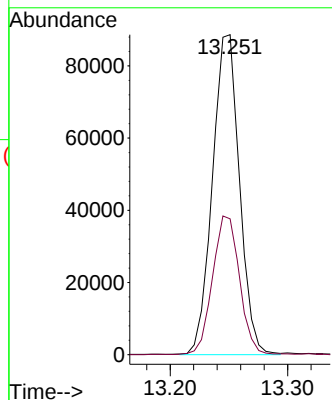
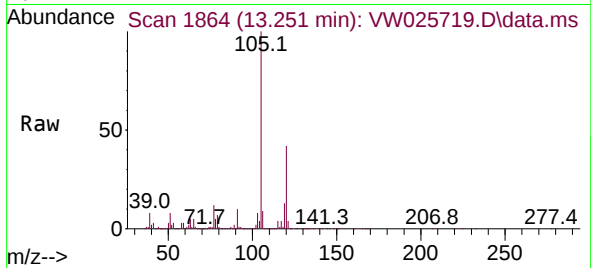




#63
1,2,4-Trimethylbenzene
Concen: 5.011 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

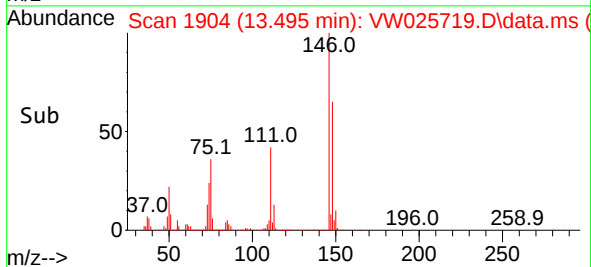
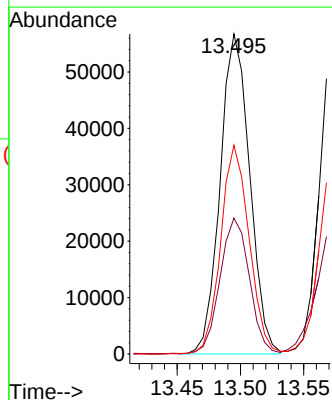
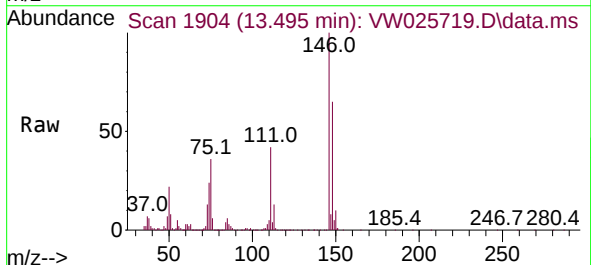
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

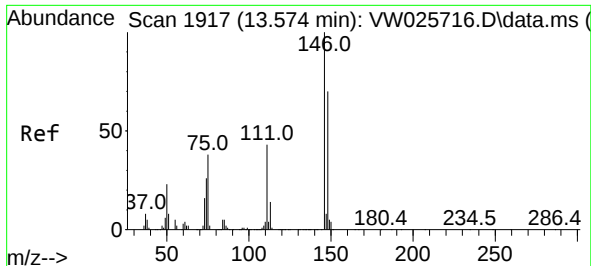
Tgt Ion:105 Resp: 141874
Ion Ratio Lower Upper
105 100
120 43.2 35.7 53.5



#64
1,3-Dichlorobenzene
Concen: 5.483 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:146 Resp: 92243
Ion Ratio Lower Upper
146 100
111 42.5 33.0 61.4
148 65.2 48.6 90.3

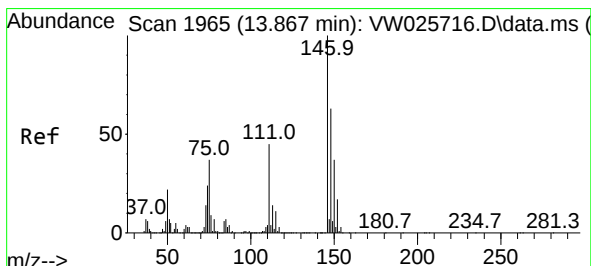
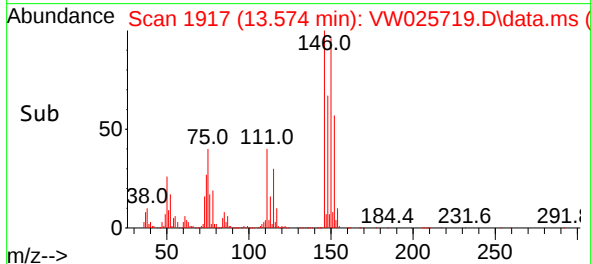
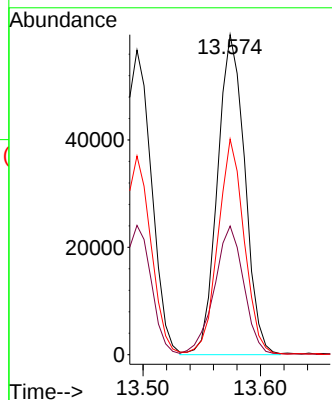
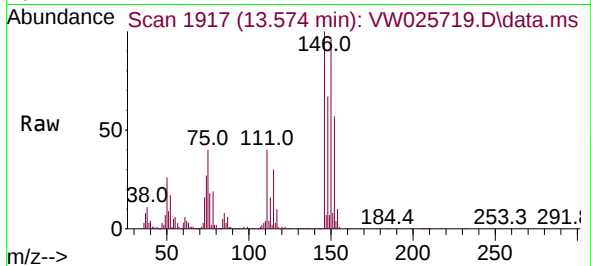




#65
1,4-Dichlorobenzene
Concen: 5.663 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

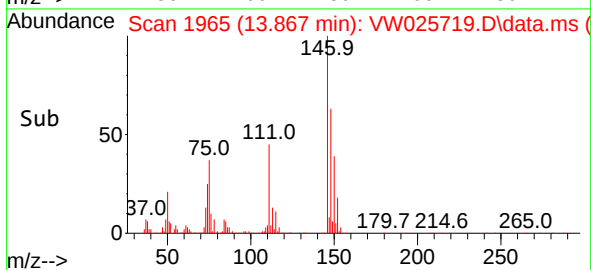
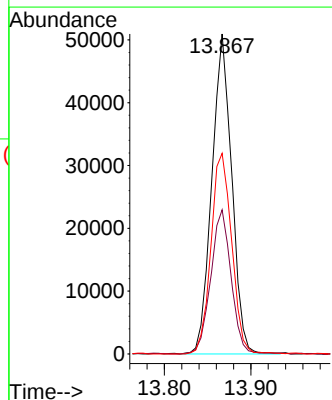
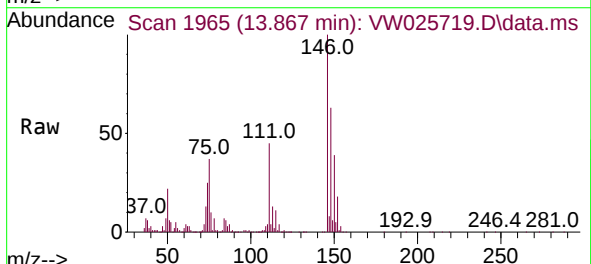
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

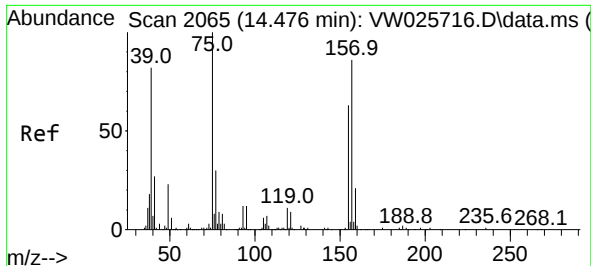
Tgt Ion:146 Resp: 96586
Ion Ratio Lower Upper
146 100
111 40.2 30.4 56.4
148 67.4 49.3 91.5



#67
1,2-Dichlorobenzene
Concen: 5.480 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025719.D
Acq: 27 Apr 2023 10:22

Tgt Ion:146 Resp: 81327
Ion Ratio Lower Upper
146 100
111 45.1 36.2 54.2
148 62.7 50.2 75.4





#68

1,2-Dibromo-3-chloropropane

Concen: 6.351 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

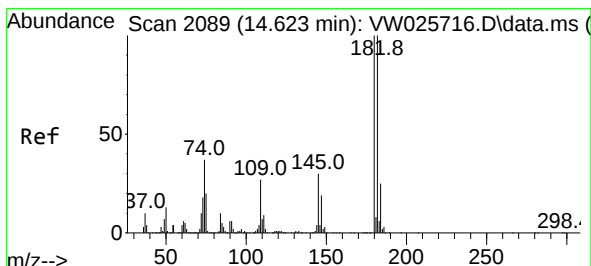
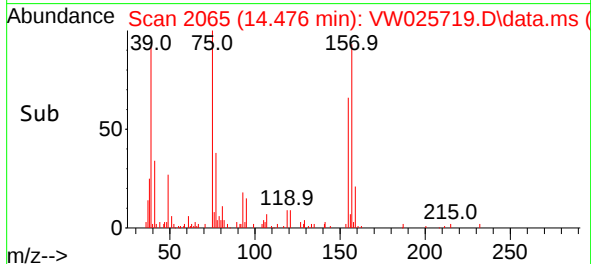
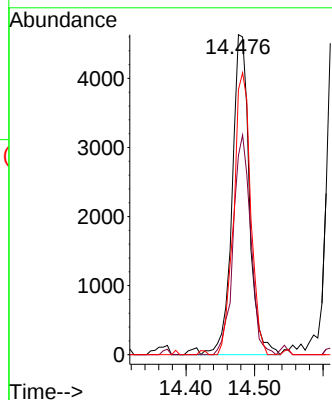
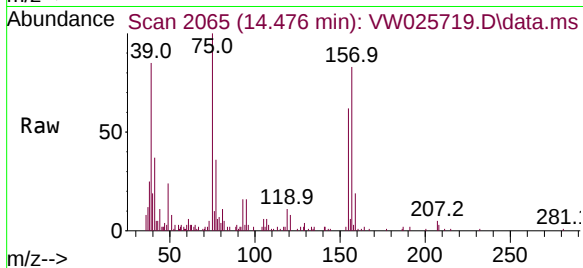
Tgt Ion: 75 Resp: 8171

Ion Ratio Lower Upper

75 100

155 62.3 50.3 75.5

157 82.8 68.4 102.6



#69

1,3,5-Trichlorobenzene

Concen: 5.504 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Tgt Ion: 180 Resp: 60238

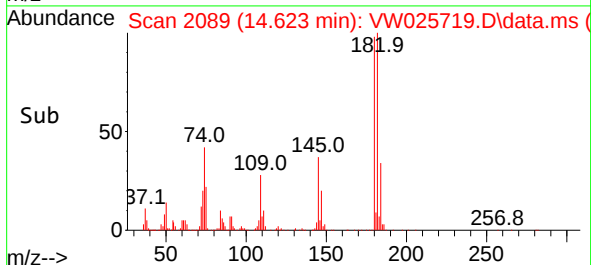
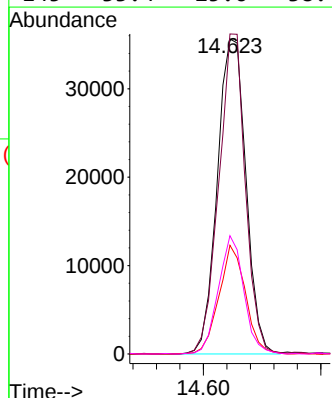
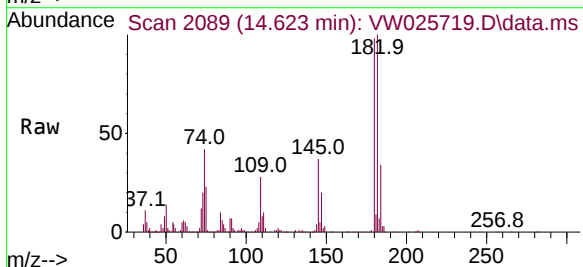
Ion Ratio Lower Upper

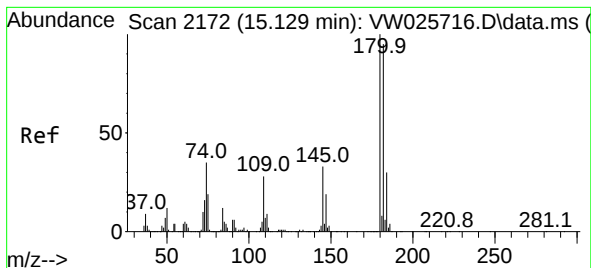
180 100

182 94.3 79.0 118.4

184 32.1 23.8 35.8

145 33.4 25.6 38.4





#70

1,2,4-trichlorobenzene

Concen: 5.570 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

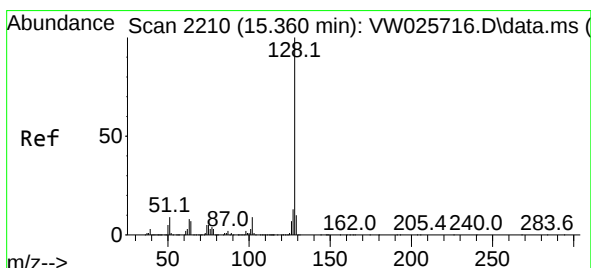
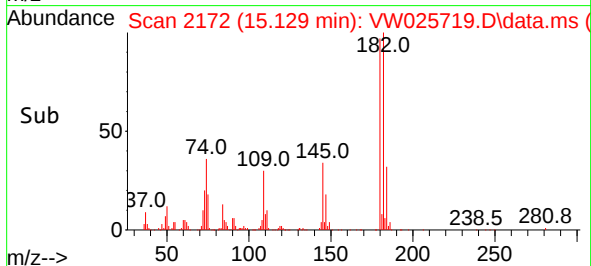
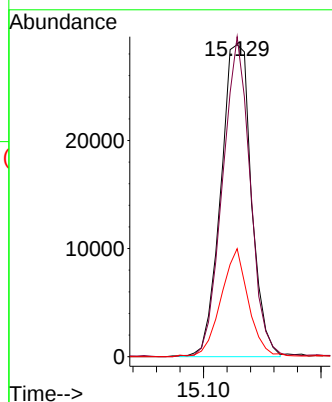
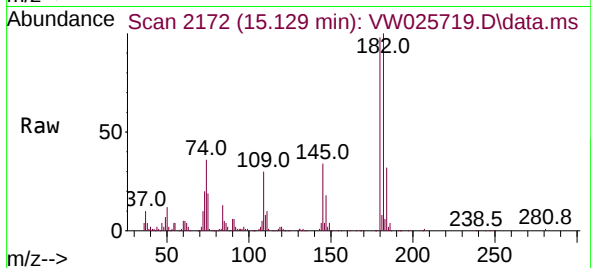
Tgt Ion:180 Resp: 52052

Ion Ratio Lower Upper

180 100

182 92.5 76.7 115.1

145 31.2 26.4 39.6



#71

Naphthalene

Concen: 5.643 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025719.D

Acq: 27 Apr 2023 10:22

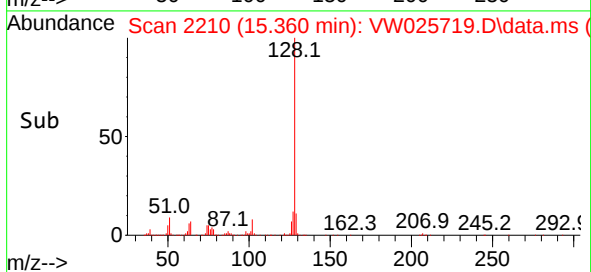
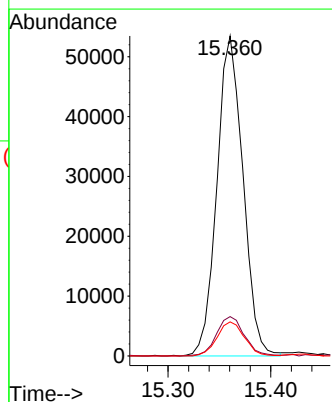
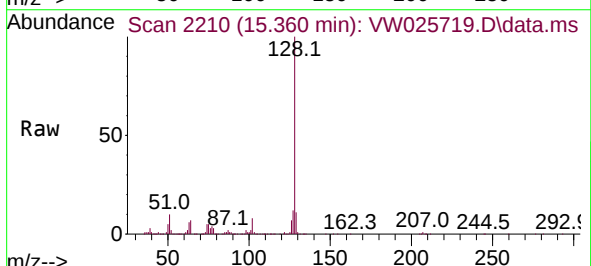
Tgt Ion:128 Resp: 94194

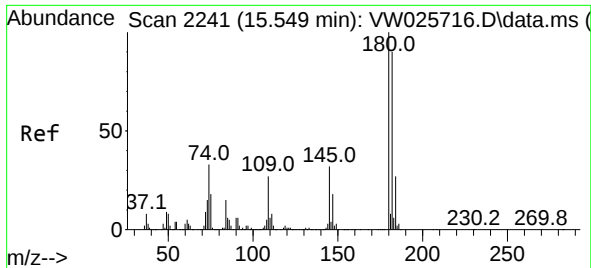
Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.2 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 6.070 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025719.D
 Acq: 27 Apr 2023 10:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

Tgt Ion:180 Resp: 50071
 Ion Ratio Lower Upper
 180 100
 182 91.8 75.6 113.4
 145 32.0 27.4 41.0

