

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Quant Time: Apr 28 02:24:21 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	655286	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575546	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	22834	2.857	ug/L	0.00
7) Chloroethane-d5	2.899	69	15128	2.644	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	50174	2.749	ug/L	0.00
21) 2-Butanone-d5	6.917	46	105	0.040	ug/L	-0.16
24) Chloroform-d	7.642	84	48497	2.759	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25828	2.695	ug/L	0.00
32) Benzene-d6	8.270	84	95985	2.747	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30874	2.732	ug/L	0.00
41) Toluene-d8	10.318	98	81966	2.653	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	11052	2.509	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7142	4.069	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21599	2.593	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	26104	2.718	ug/L	0.00
Target Compounds						
						Qvalue
3) Chloromethane	2.216	50	26920	2.456	ug/L	97
5) Vinyl chloride	2.369	62	29670	2.574	ug/L	99
6) Bromomethane	2.783	94	15783	2.589	ug/L	96
8) Chloroethane	2.936	64	14586	2.485	ug/L	99
9) Trichlorofluoromethane	3.265	101	20084	2.318	ug/L	100
13) Acetone	4.124	43	13887	5.680	ug/L	76
14) Carbon disulfide	4.387	76	81455	2.627	ug/L	98
15) Methyl Acetate	4.667	43	4645	0.960	ug/L #	25
16) Methylene chloride	4.917	84	44053	3.580	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	24644	2.641	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	32698	2.435	ug/L	98
19) 1,1-Dichloroethane	6.215	63	50843	2.674	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	25344	2.590	ug/L #	96
22) 2-Butanone	7.173	43	12835	4.140	ug/L	78
23) Bromochloromethane	7.508	128	10855	2.671	ug/L	92
25) Chloroform	7.673	83	47227	2.704	ug/L	98
27) 1,2-Dichloroethane	8.398	62	31294	2.616	ug/L #	93
29) Cyclohexane	7.953	56	42822	2.392	ug/L	97
30) 1,1,1-Trichloroethane	7.862	97	19076	1.365	ug/L #	21
31) Carbon tetrachloride	8.069	117	34622	2.723	ug/L	97
33) Benzene	8.319	78	105146	2.677	ug/L	100
34) Trichloroethene	9.093	95	28057	2.765	ug/L	96
35) Methylcyclohexane	9.331	83	45188	2.506	ug/L	96
37) 1,2-Dichloropropane	9.367	63	28212	2.665	ug/L #	97
38) Bromodichloromethane	9.648	83	30846	2.577	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	36574	2.412	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	27690	4.336	ug/L	99
42) Toluene	10.385	91	102258	2.552	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	28817	2.314	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	17791	2.593	ug/L	95
46) Tetrachloroethene	10.861	164	19334	2.691	ug/L	91
48) 2-Hexanone	10.971	43	17872	3.974	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

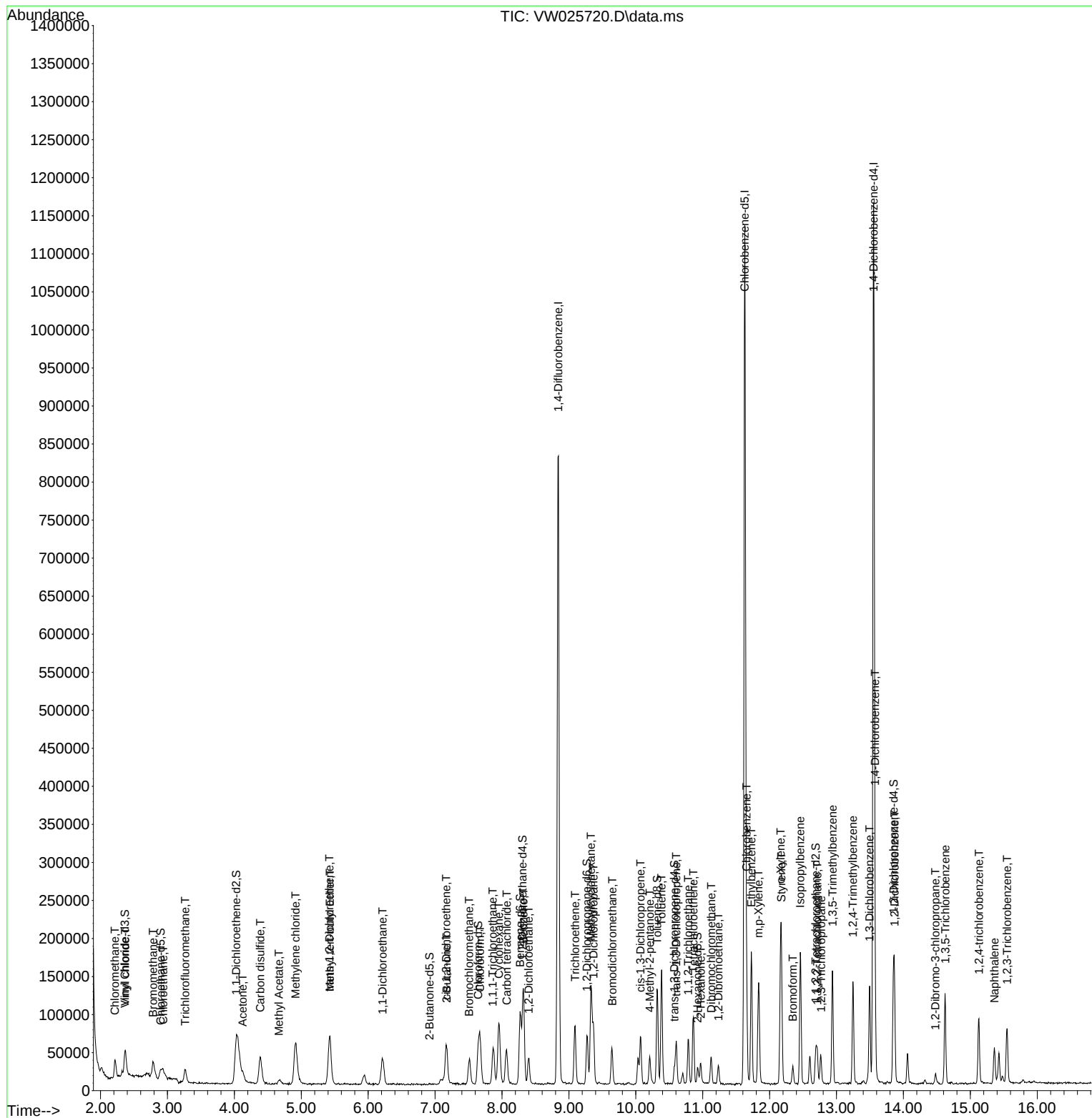
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	11.129	129	18087	2.545	ug/L	96
50) 1,2-Dibromoethane	11.233	107	16050	2.550	ug/L #	95
51) Chlorobenzene	11.654	112	66745	2.707	ug/L	96
52) Ethylbenzene	11.727	91	113432	2.524	ug/L	98
53) m,p-Xylene	11.836	106	41462	2.499	ug/L	88
54) o-Xylene	12.166	106	37270	2.409	ug/L	96
55) Styrene	12.178	104	61187	2.333	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	21187	2.522	ug/L	95
59) Bromoform	12.349	173	9035	2.326	ug/L #	38
60) Isopropylbenzene	12.458	105	105365	2.447	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	15288	2.508	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	78411	2.316	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	69776	2.282	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	48872	2.690	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	50045	2.717	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	43234	2.697	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	3728	2.683	ug/L	88
69) 1,3,5-Trichlorobenzene	14.629	180	32045	2.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	26134	2.589	ug/L	93
71) Naphthalene	15.360	128	37936	2.104	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	22224	2.494	ug/L	97

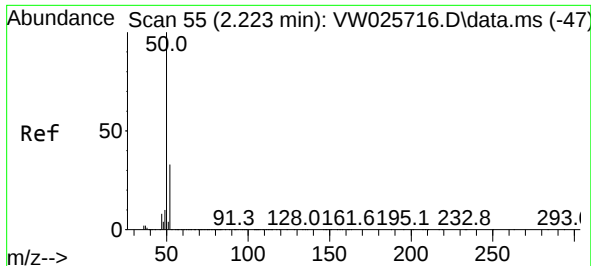
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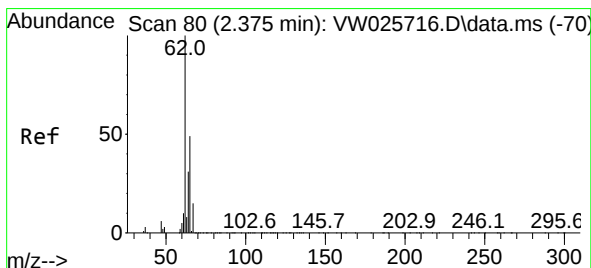
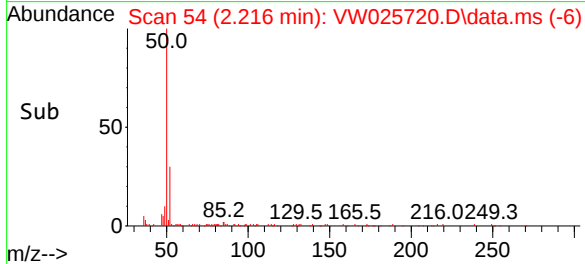
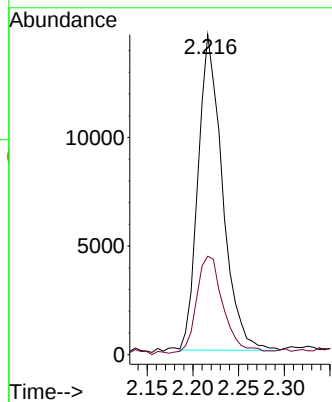
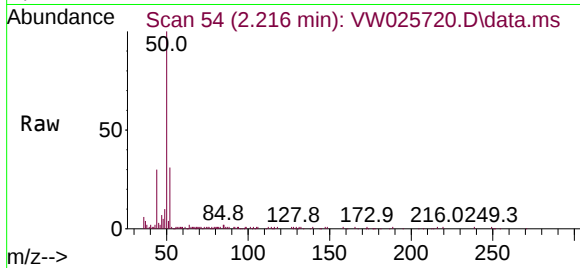




#3
Chloromethane
Concen: 2.456 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

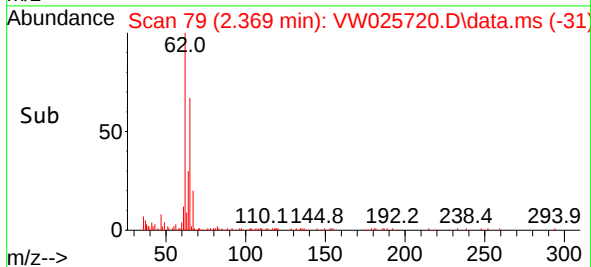
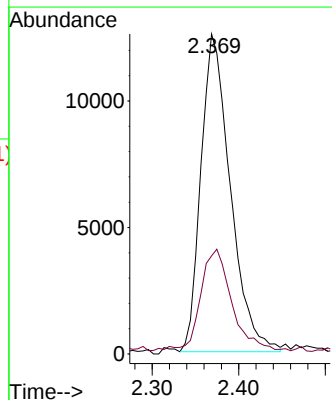
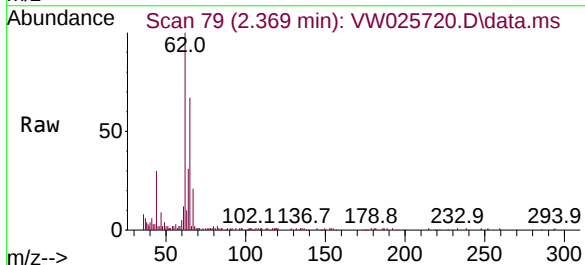
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MSVOA_W
ClientSampleId :
VSTD2.5449

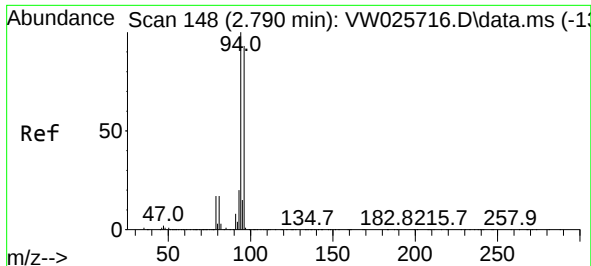
Tgt Ion: 50 Resp: 26920
Ion Ratio Lower Upper
50 100
52 30.7 22.9 42.5



#5
Vinyl chloride
Concen: 2.574 ug/L
RT: 2.369 min Scan# 79
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 62 Resp: 29670
Ion Ratio Lower Upper
62 100
64 30.6 21.8 40.6

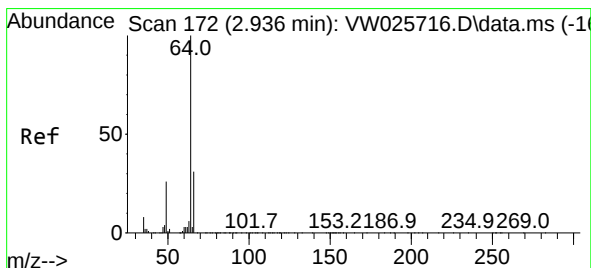
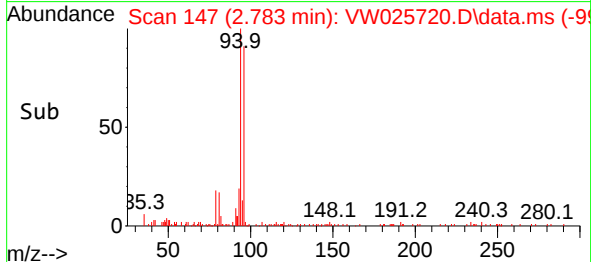
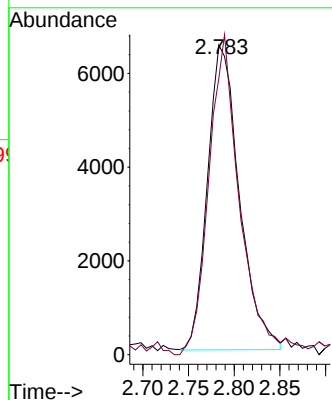
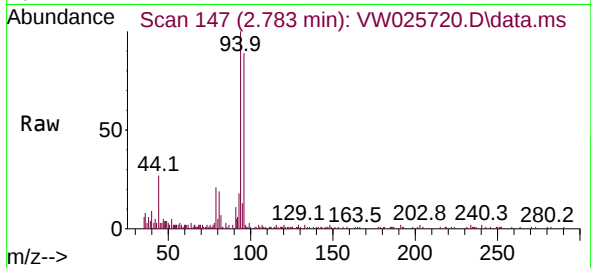




#6
Bromomethane
Concen: 2.589 ug/L
RT: 2.783 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

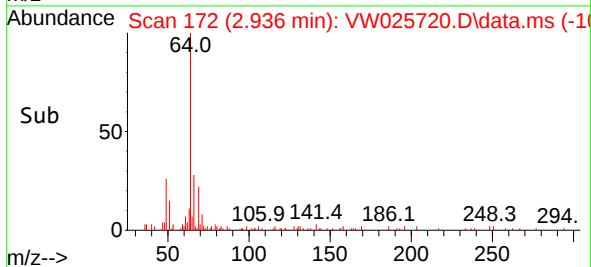
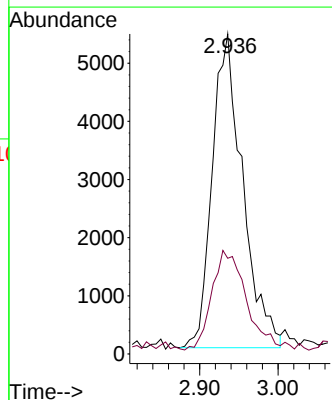
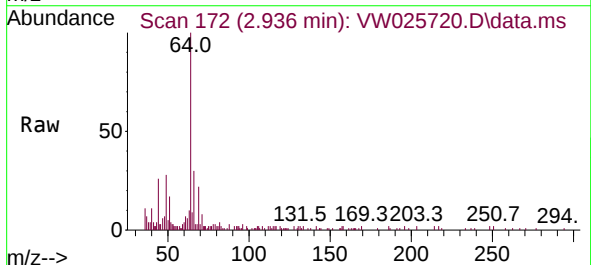
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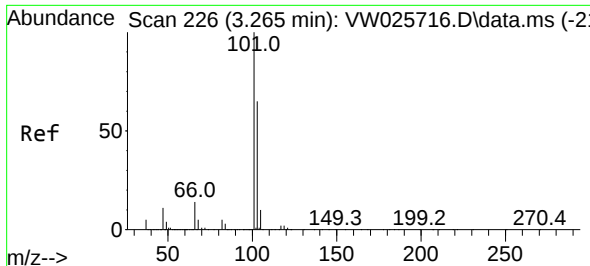
Tgt Ion: 94 Resp: 15783
Ion Ratio Lower Upper
94 100
96 89.5 65.2 121.2



#8
Chloroethane
Concen: 2.485 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 64 Resp: 14586
Ion Ratio Lower Upper
64 100
66 29.9 21.5 39.9

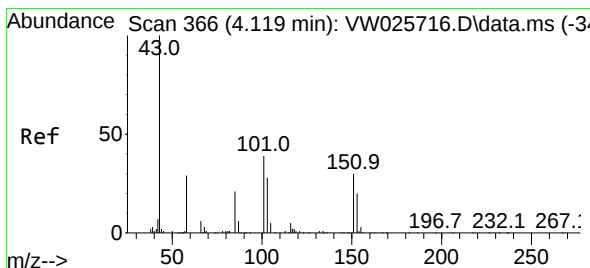
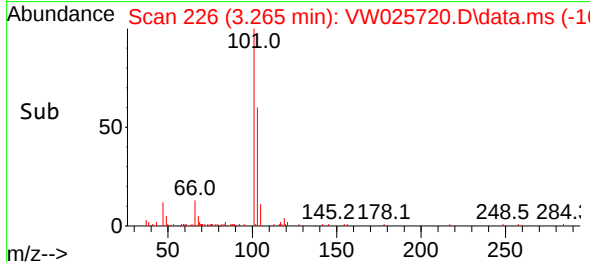
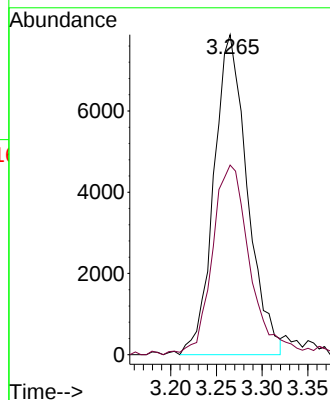
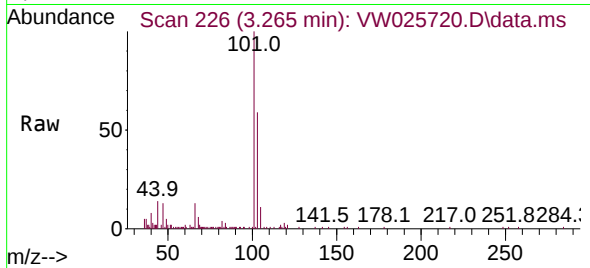




#9
 Trichlorofluoromethane
 Concen: 2.318 ug/L
 RT: 3.265 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025720.D
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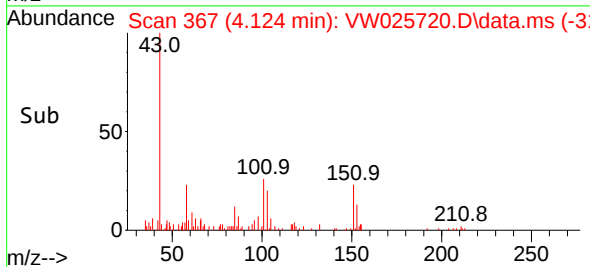
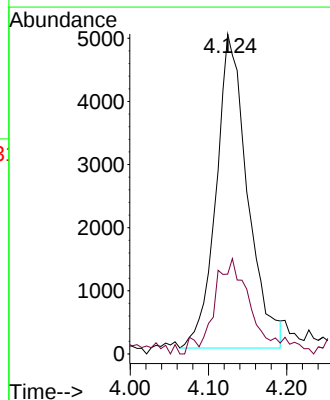
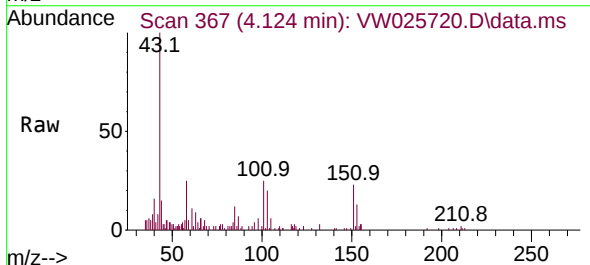
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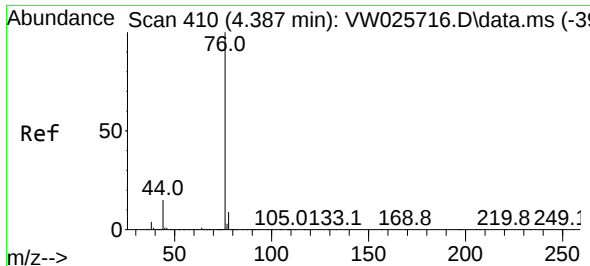
Tgt Ion:101 Resp: 20084
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4



#13
 Acetone
 Concen: 5.680 ug/L
 RT: 4.124 min Scan# 367
 Delta R.T. 0.006 min
 Lab File: VW025720.D
 Acq: 27 Apr 2023 11:46

Tgt Ion: 43 Resp: 13887
 Ion Ratio Lower Upper
 43 100
 58 16.4 0.0 58.6

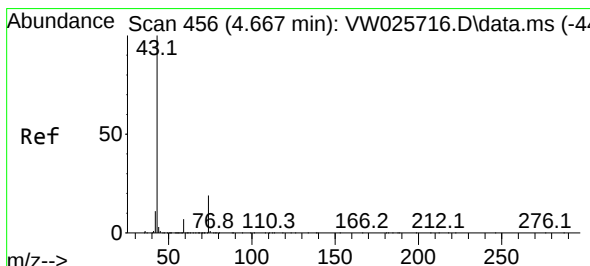
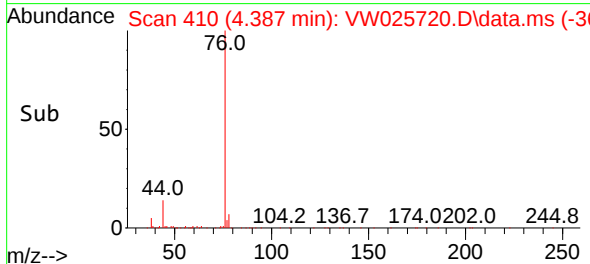
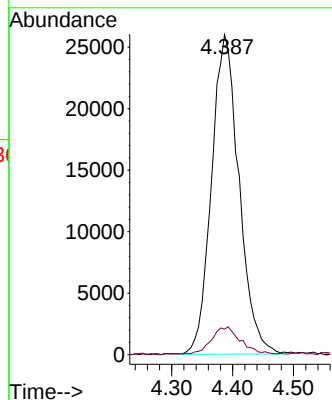
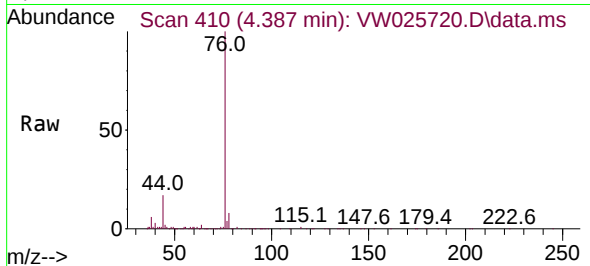




#14
Carbon disulfide
Concen: 2.627 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

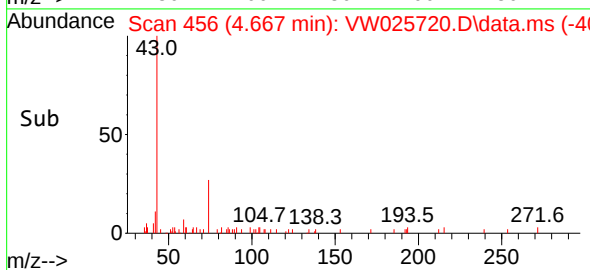
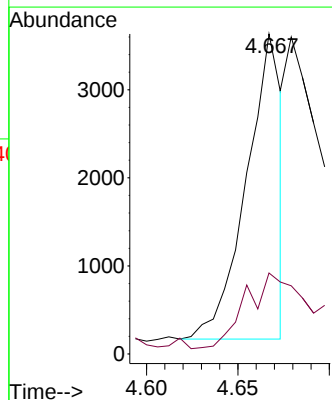
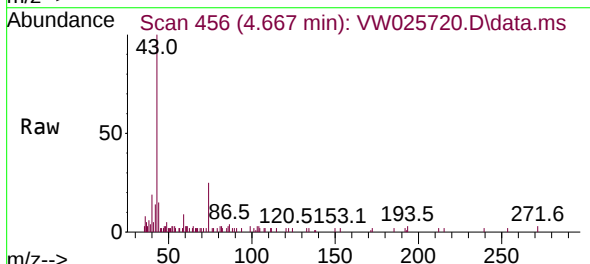
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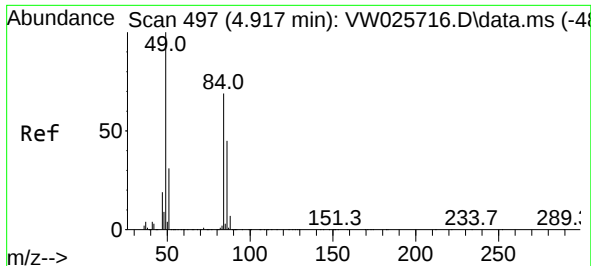
Tgt Ion: 76 Resp: 81455
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6



#15
Methyl Acetate
Concen: 0.960 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 43 Resp: 4645
Ion Ratio Lower Upper
43 100
74 54.8 16.1 24.1#

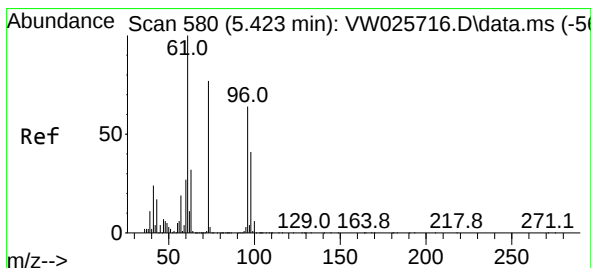
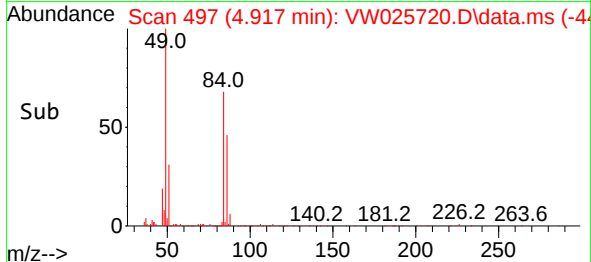
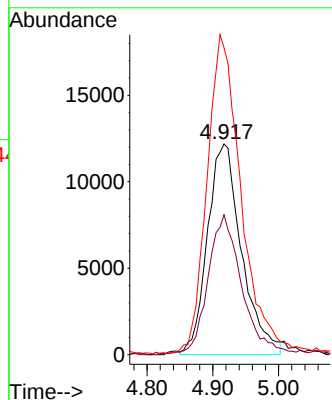
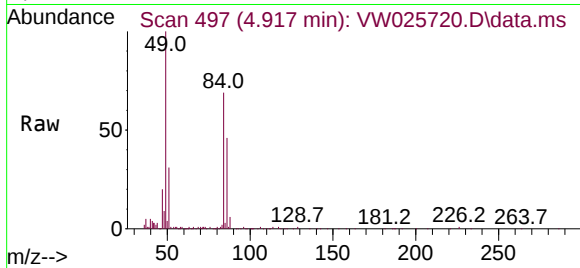




#16
Methylene chloride
Concen: 3.580 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW025720.D
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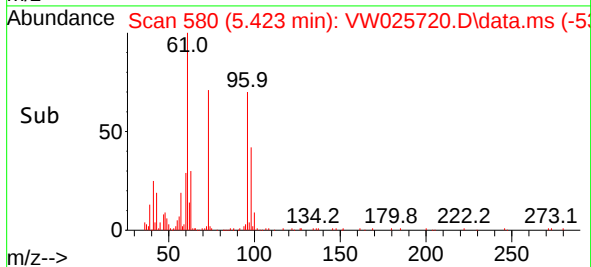
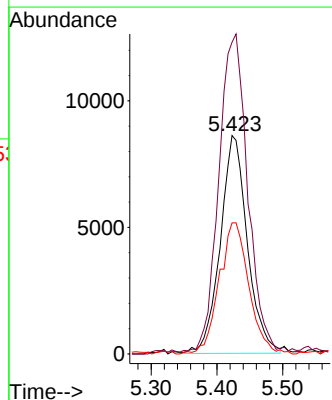
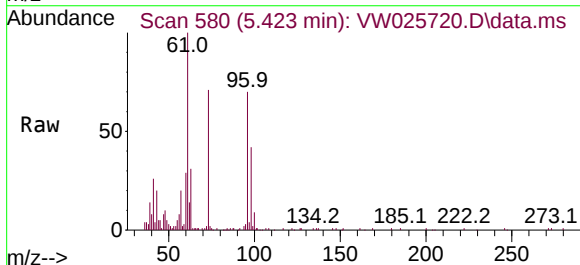
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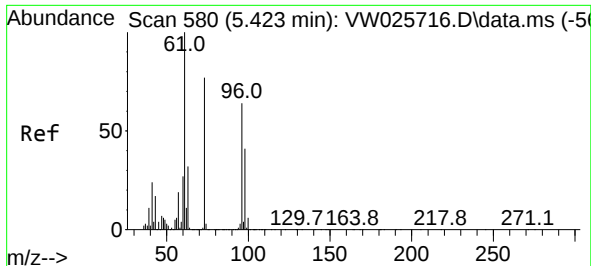
Tgt Ion:	84	Resp:	44053
Ion	Ratio	Lower	Upper
84	100		
86	66.4	46.3	85.9
49	145.6	101.9	189.3



#17
trans-1,2-Dichloroethene
Concen: 2.641 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:	96	Resp:	24644
Ion	Ratio	Lower	Upper
96	100		
61	142.7	110.2	204.8
98	60.0	44.8	83.2

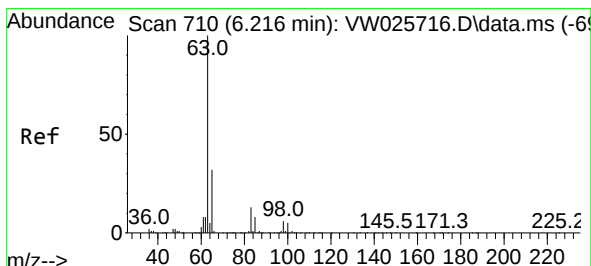
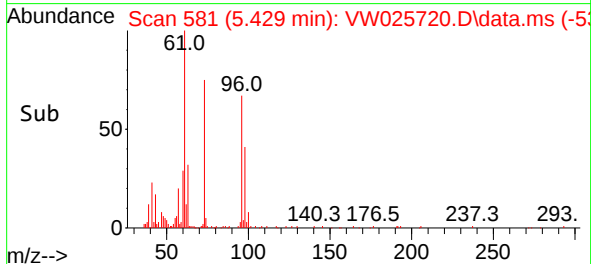
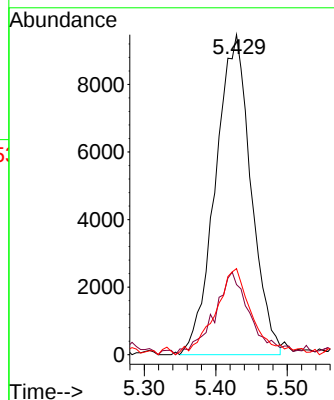
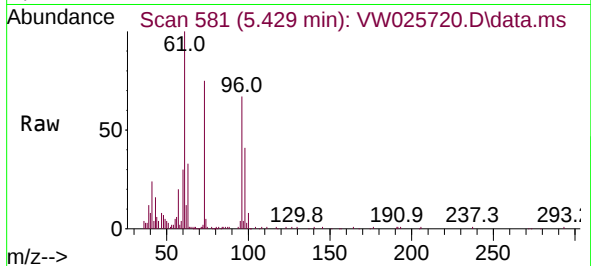




#18
Methyl tert-butyl Ether
Concen: 2.435 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

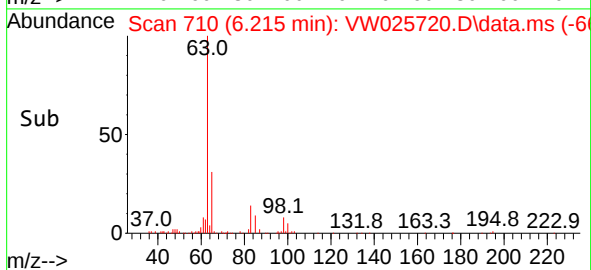
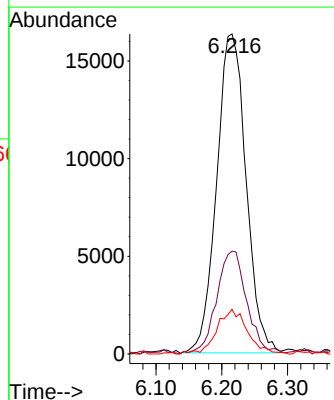
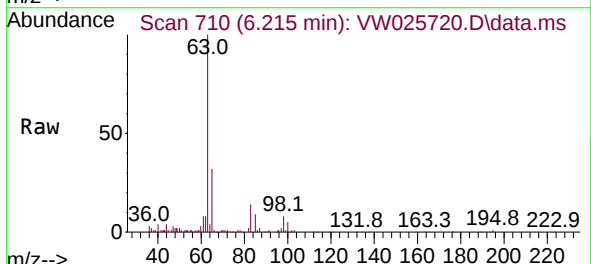
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

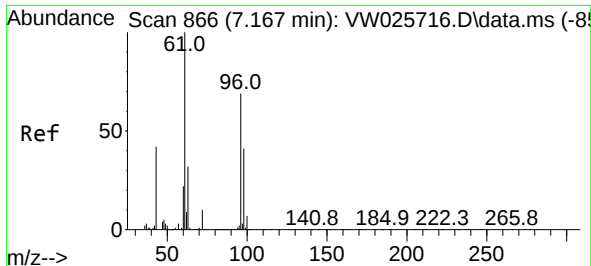
Tgt Ion:	73	Resp:	32698
Ion	Ratio	Lower	Upper
73	100		
43	24.1	18.2	27.4
57	24.6	19.3	28.9



#19
1,1-Dichloroethane
Concen: 2.674 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:	63	Resp:	50843
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.5	41.9
83	13.9	9.0	16.8

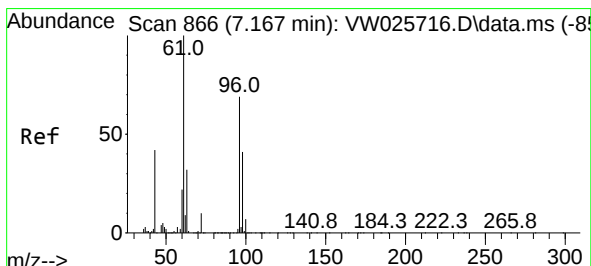
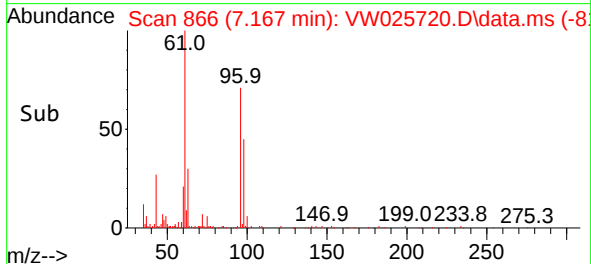
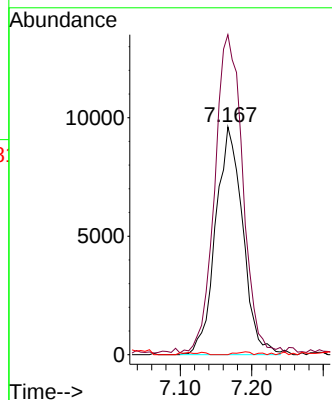
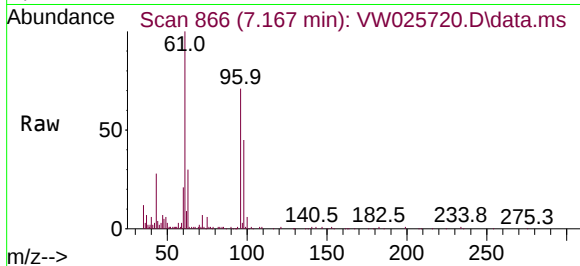




#20
cis-1,2-Dichloroethene
Concen: 2.590 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

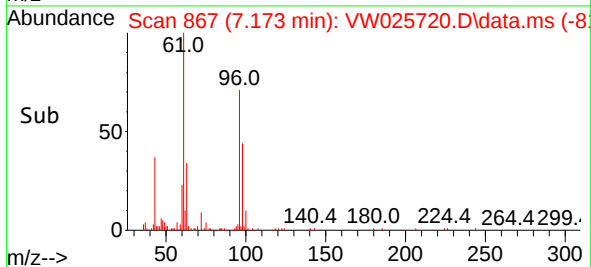
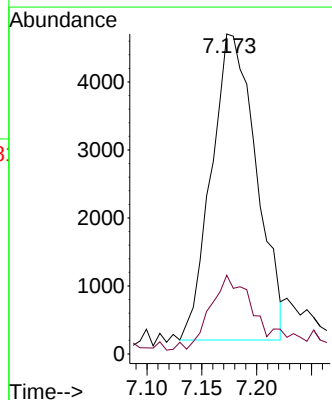
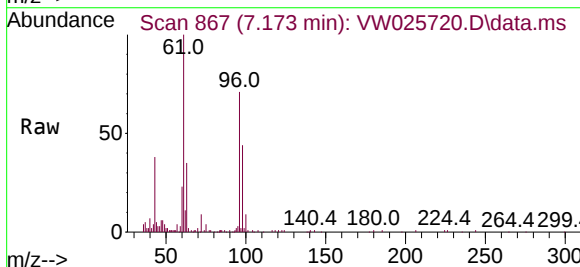
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

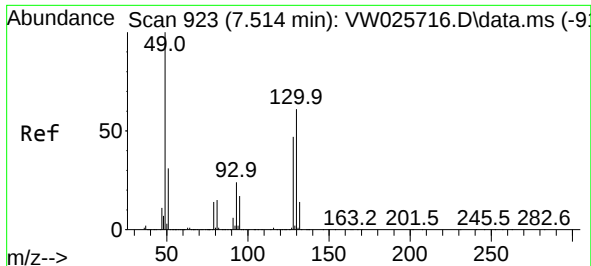
Tgt Ion: 96 Resp: 25344
Ion Ratio Lower Upper
96 100
61 140.5 101.6 188.6
68 0.0 0.1 0.1#



#22
2-Butanone
Concen: 4.140 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 43 Resp: 12835
Ion Ratio Lower Upper
43 100
72 12.6 11.7 35.0

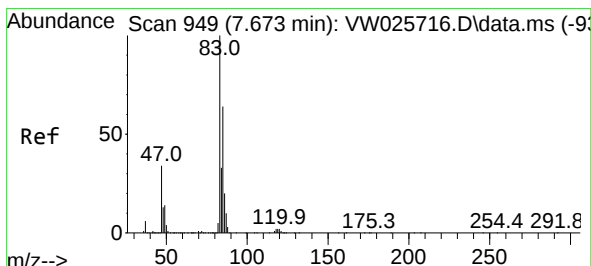
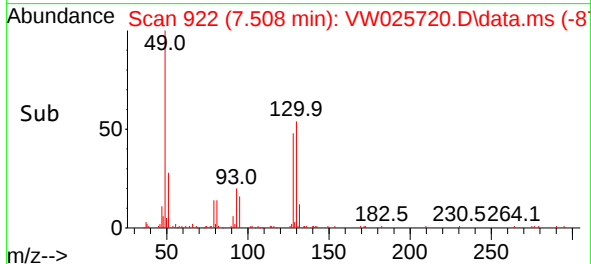
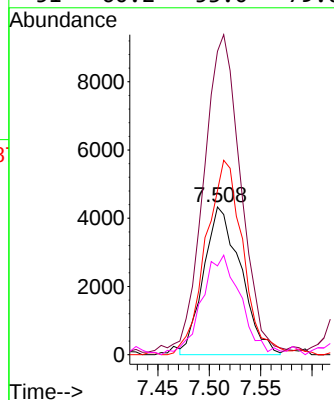
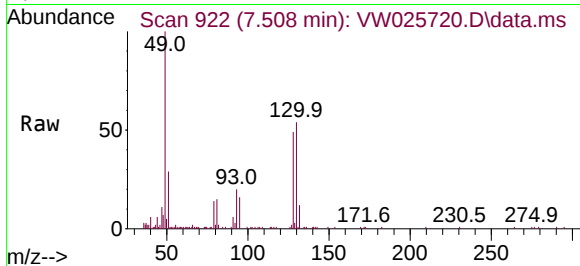




#23
Bromochloromethane
Concen: 2.671 ug/L
RT: 7.508 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

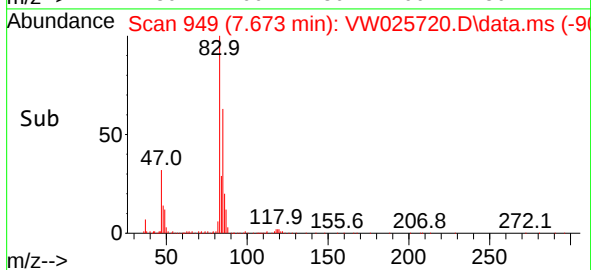
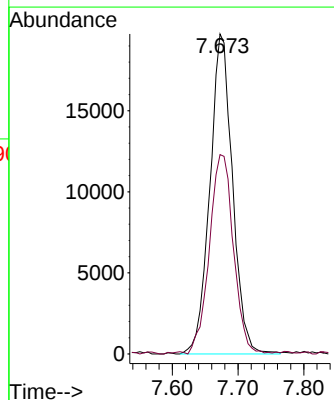
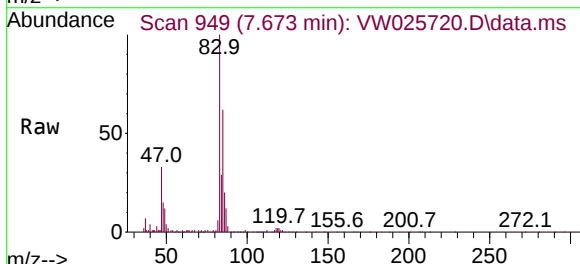
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

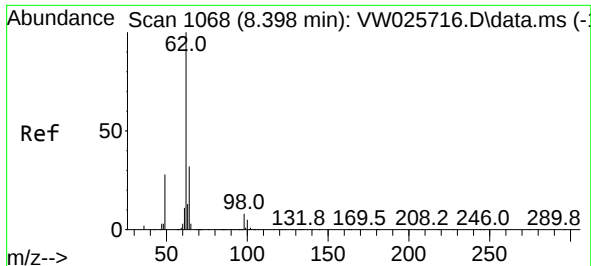
Tgt Ion:	128	Resp:	10855
Ion	Ratio	Lower	Upper
128	100		
49	205.5	148.0	274.8
130	111.1	90.3	167.7
51	60.2	53.0	79.6



#25
Chloroform
Concen: 2.704 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:	83	Resp:	47227
Ion	Ratio	Lower	Upper
83	100		
85	62.3	44.9	83.5

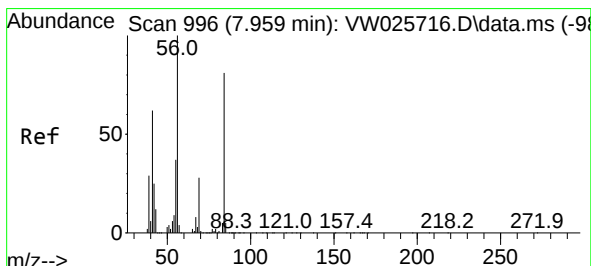
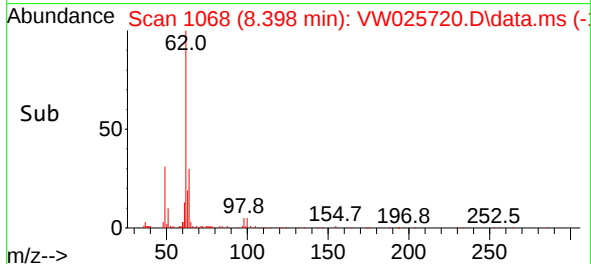
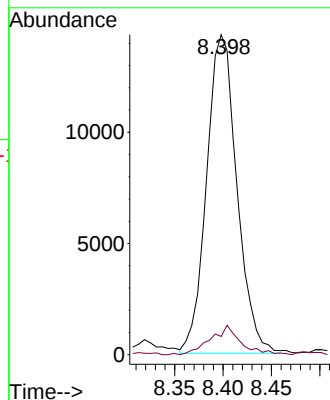
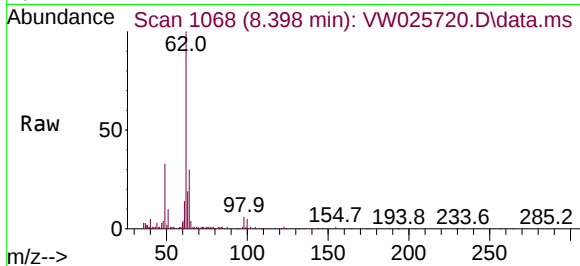




#27
1,2-Dichloroethane
Concen: 2.616 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

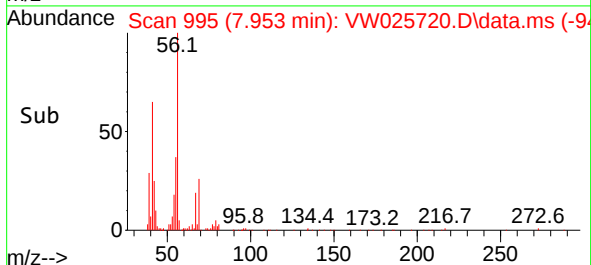
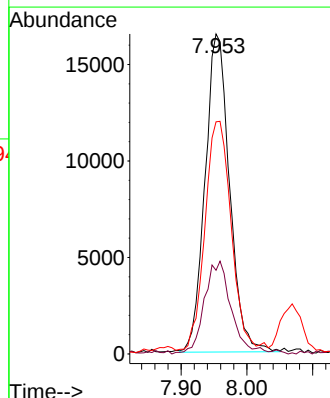
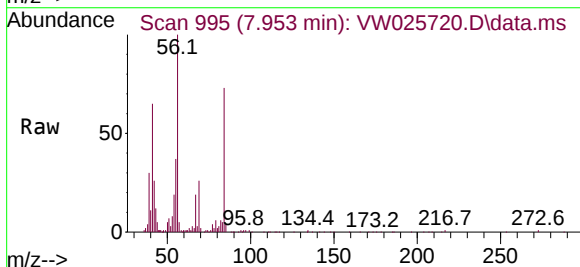
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

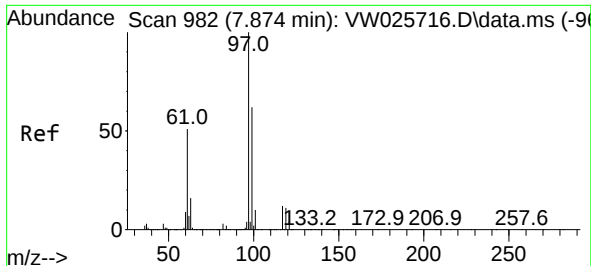
Tgt Ion: 62 Resp: 31294
Ion Ratio Lower Upper
62 100
98 5.7 6.5 9.7#



#29
Cyclohexane
Concen: 2.392 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 56 Resp: 42822
Ion Ratio Lower Upper
56 100
69 30.3 22.6 34.0
84 79.6 62.2 93.2

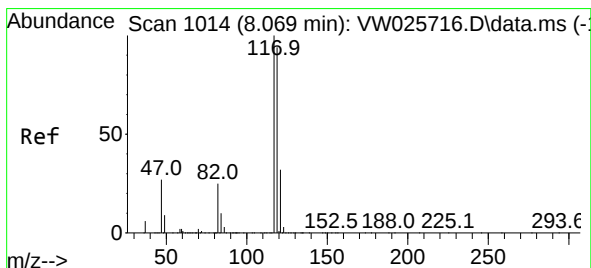
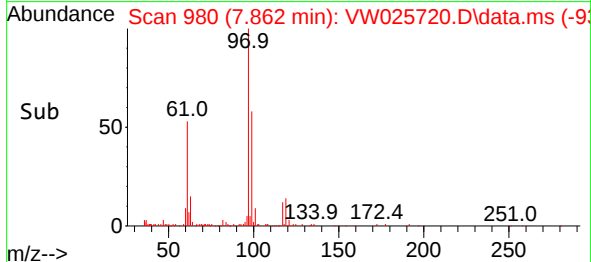
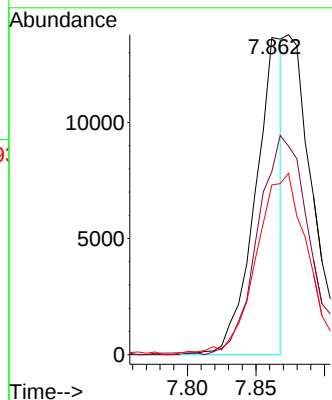
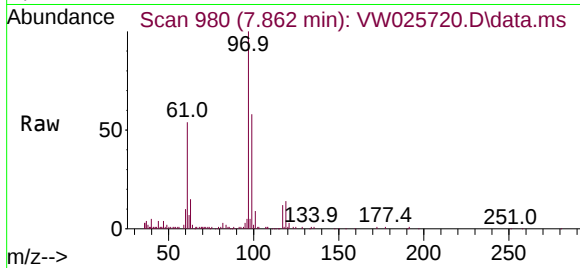




#30
1,1,1-Trichloroethane
Concen: 1.365 ug/L
RT: 7.862 min Scan# 91
Delta R.T. -0.012 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

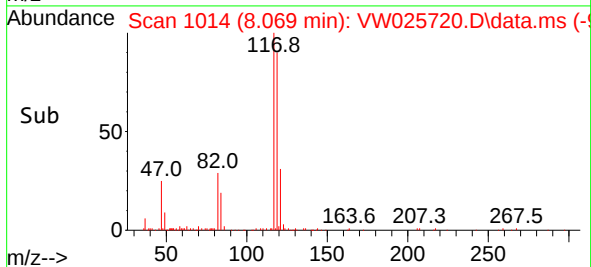
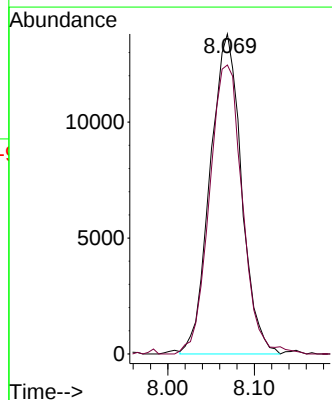
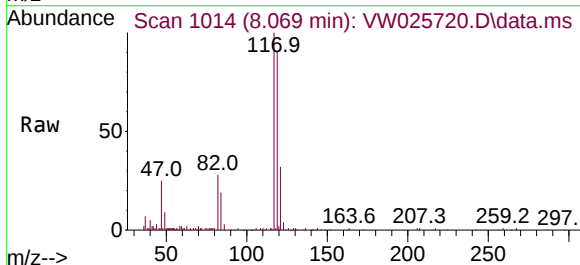
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

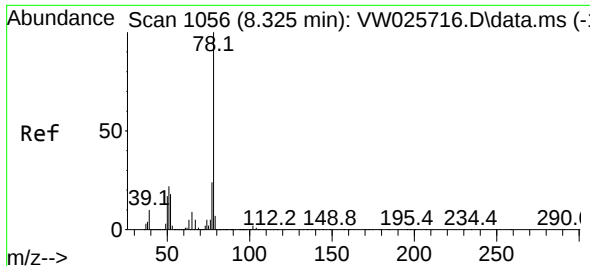
Tgt Ion: 97 Resp: 19076
Ion Ratio Lower Upper
97 100
99 129.1 51.0 76.4#
61 105.0 42.2 63.2#



#31
Carbon tetrachloride
Concen: 2.723 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 117 Resp: 34622
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.2





#33

Benzene

Concen: 2.677 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

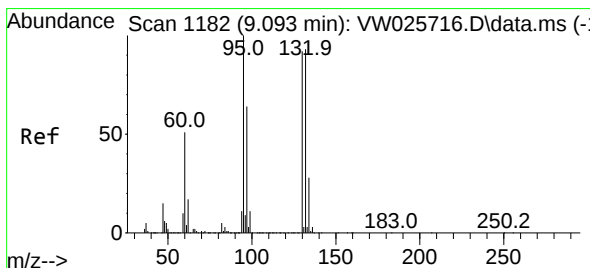
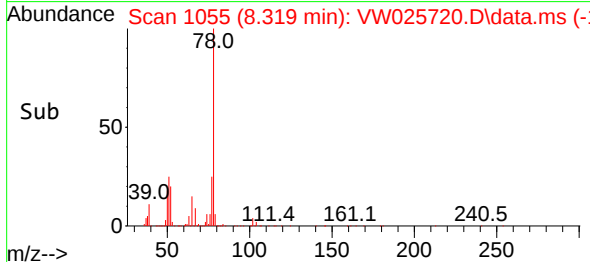
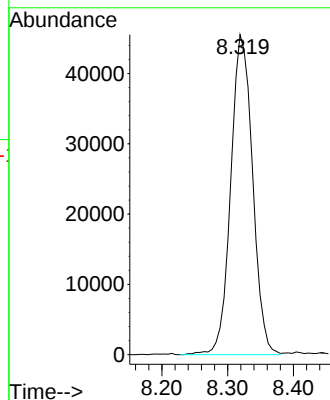
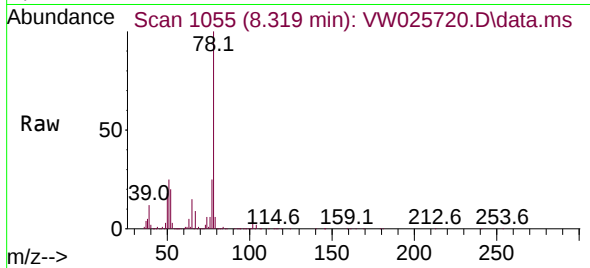
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449

Tgt Ion: 78 Resp: 105146



#34

Trichloroethene

Concen: 2.765 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Tgt Ion: 95 Resp: 28057

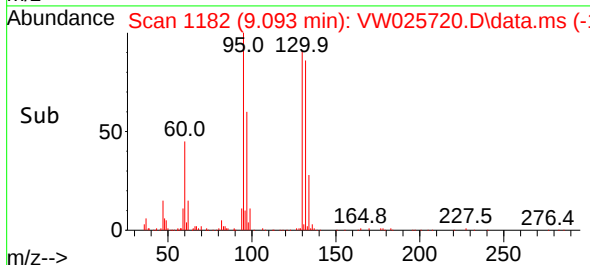
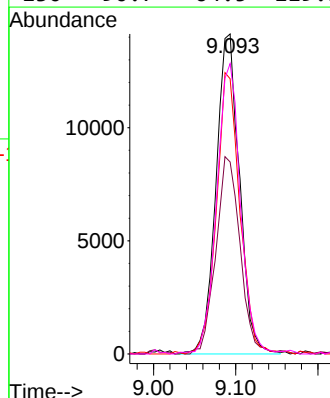
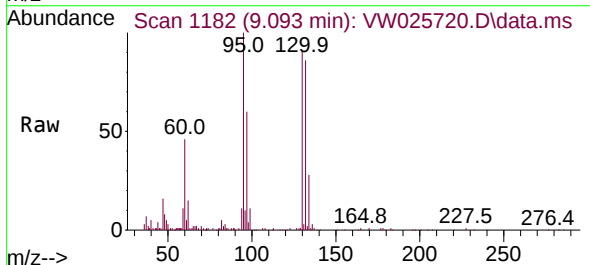
Ion Ratio Lower Upper

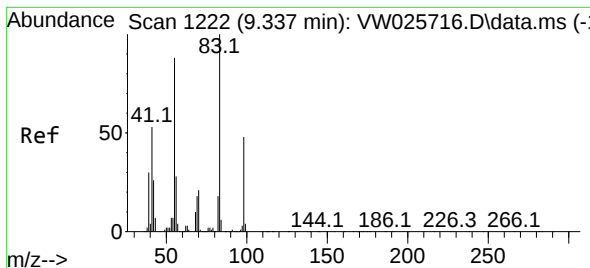
95 100

97 60.0 44.7 83.1

132 86.0 65.0 120.6

130 90.7 64.5 119.9

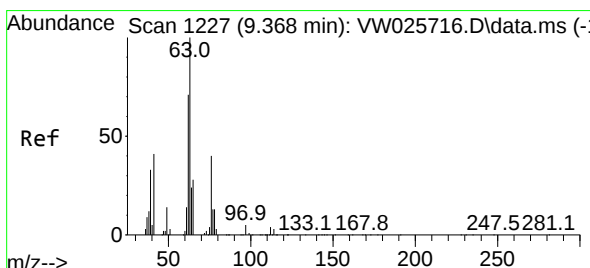
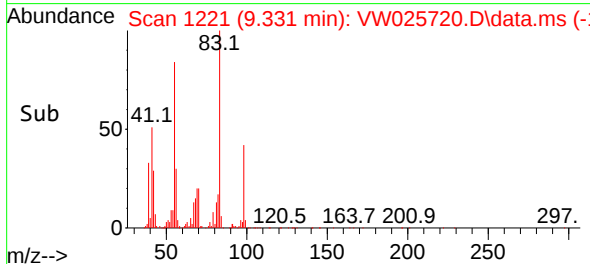
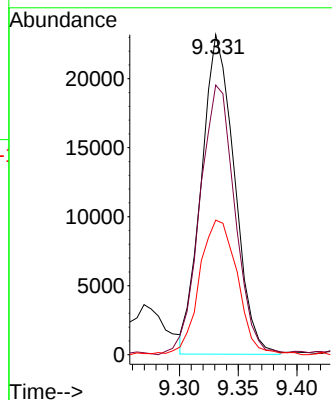
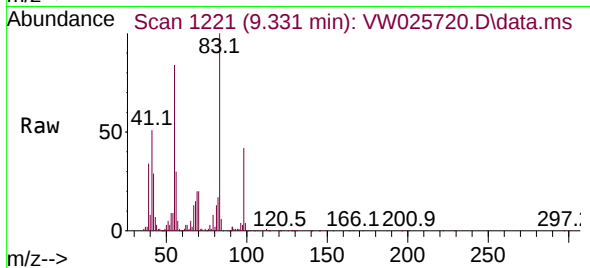




#35
Methylcyclohexane
Concen: 2.506 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

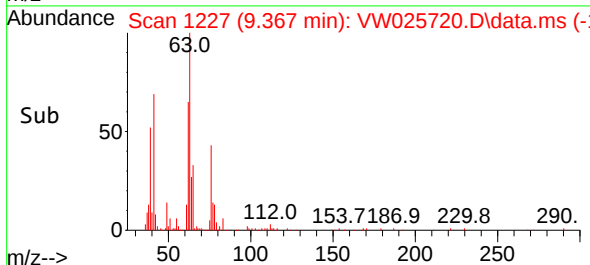
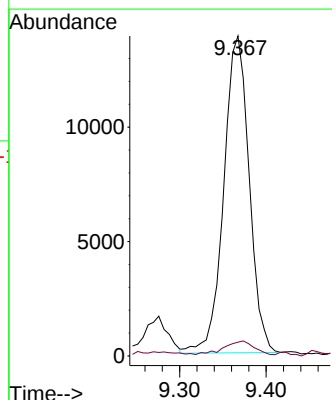
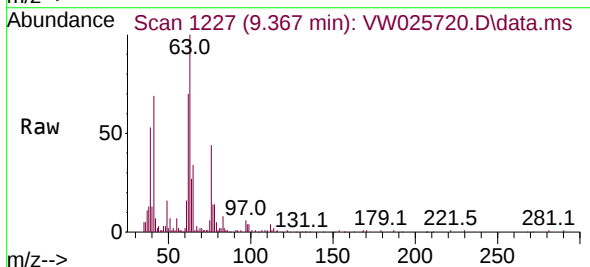
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

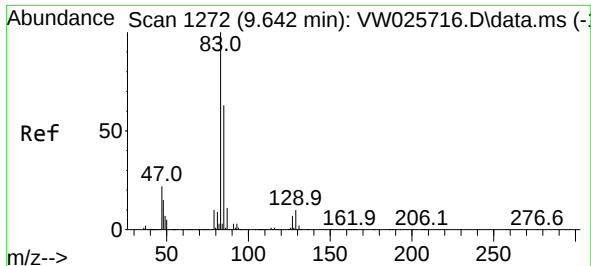
Tgt Ion: 83 Resp: 45188
Ion Ratio Lower Upper
83 100
55 90.0 68.7 103.1
98 48.0 37.4 56.2



#37
1,2-Dichloropropane
Concen: 2.665 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 63 Resp: 28212
Ion Ratio Lower Upper
63 100
112 5.0 3.2 4.8#

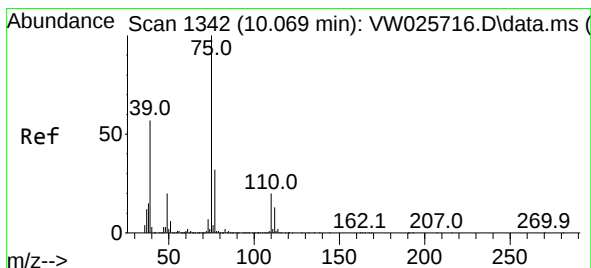
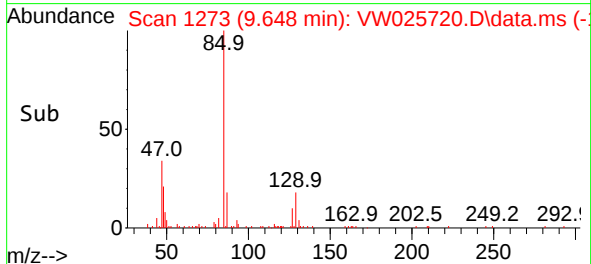
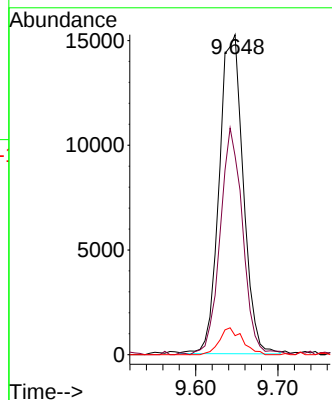
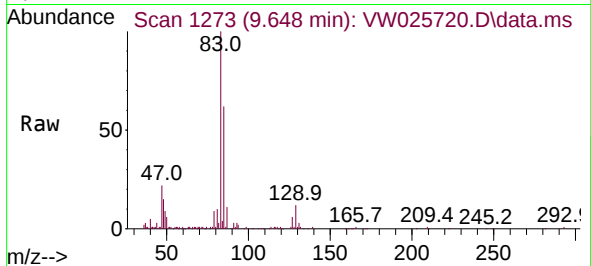




#38
Bromodichloromethane
Concen: 2.577 ug/L
RT: 9.648 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

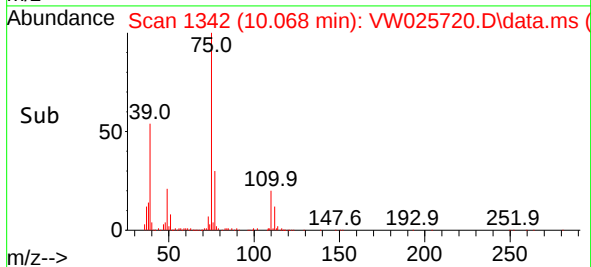
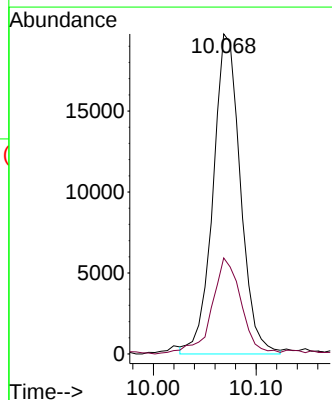
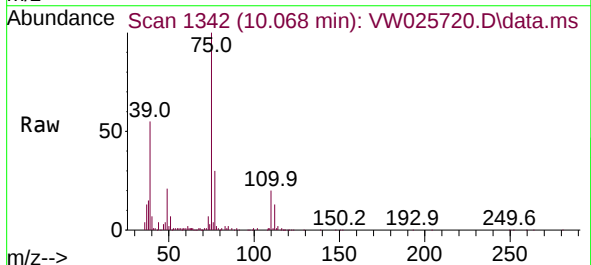
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

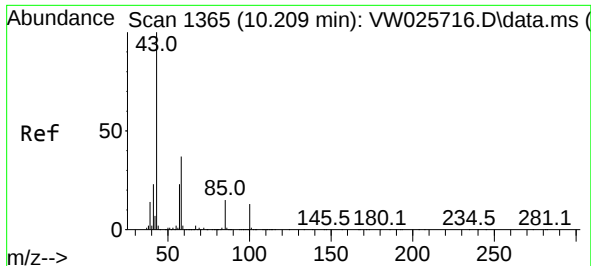
Tgt Ion: 83 Resp: 30846
Ion Ratio Lower Upper
83 100
85 62.1 44.4 82.4
127 5.9 5.5 8.3



#39
cis-1,3-Dichloropropene
Concen: 2.412 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 75 Resp: 36574
Ion Ratio Lower Upper
75 100
77 30.0 22.3 41.5





#40

4-Methyl-2-pentanone

Concen: 4.336 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449

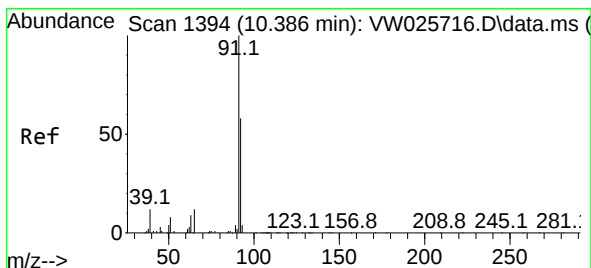
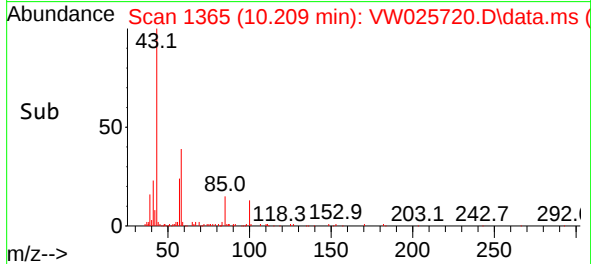
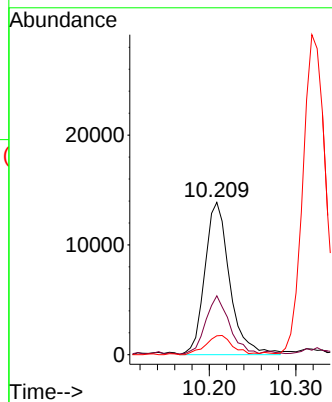
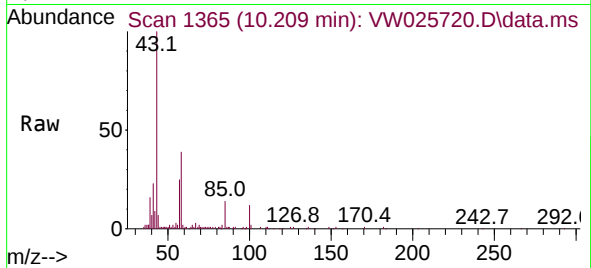
Tgt Ion: 43 Resp: 27690

Ion Ratio Lower Upper

43 100

58 35.9 29.4 44.0

100 13.3 10.2 15.4



#42

Toluene

Concen: 2.552 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025720.D

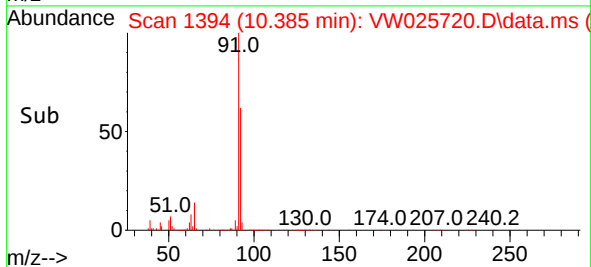
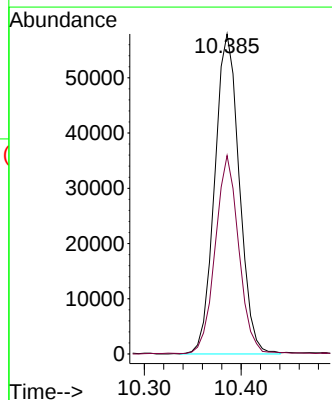
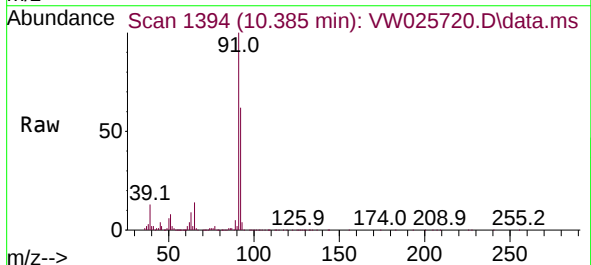
Acq: 27 Apr 2023 11:46

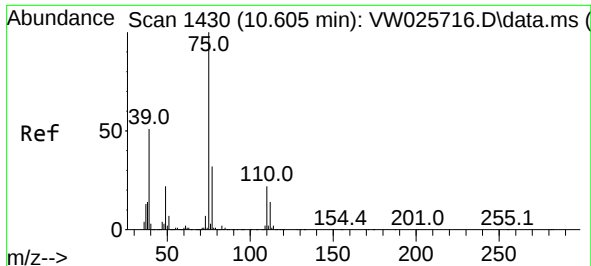
Tgt Ion: 91 Resp: 102258

Ion Ratio Lower Upper

91 100

92 62.0 40.8 75.8

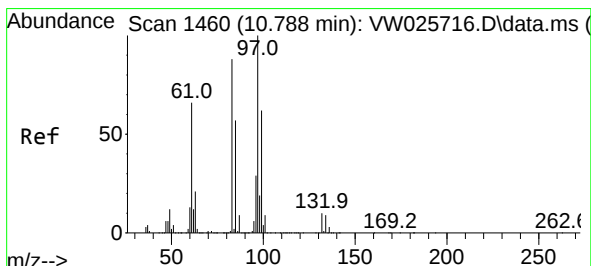
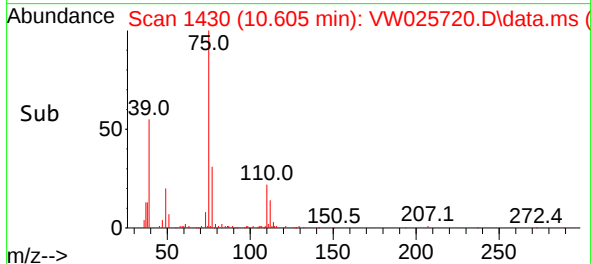
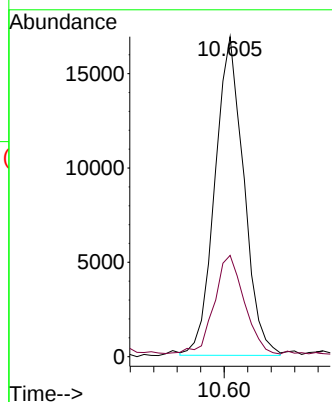
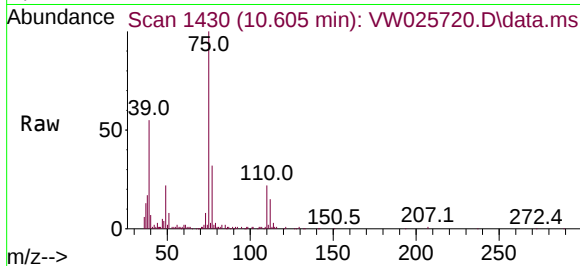




#44
trans-1,3-Dichloropropene
Concen: 2.314 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

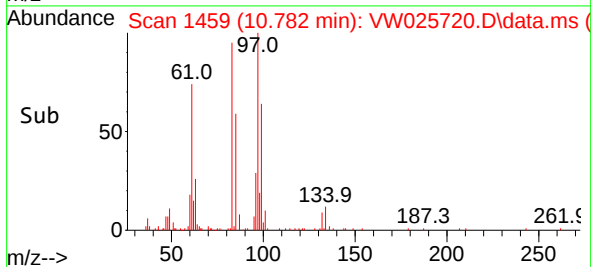
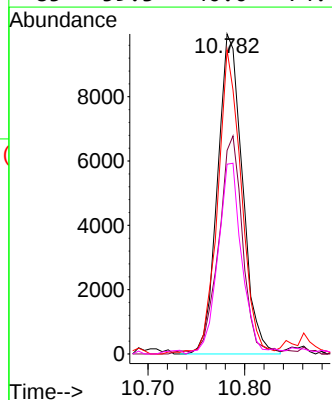
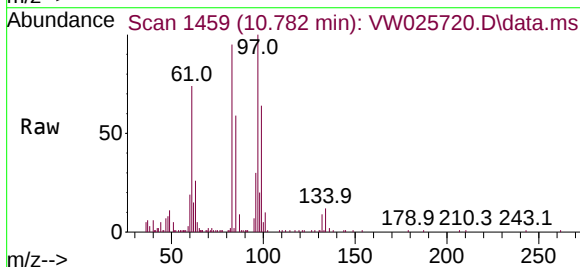
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

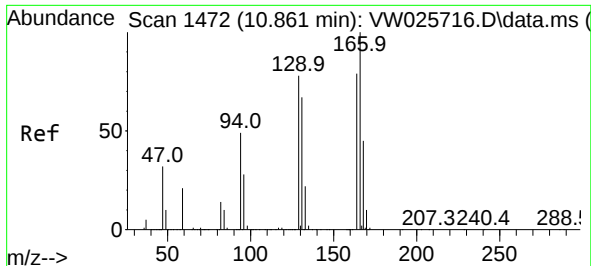
Tgt Ion: 75 Resp: 28817
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 2.593 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 97 Resp: 17791
Ion Ratio Lower Upper
97 100
99 63.6 43.6 81.0
83 95.0 61.5 114.1
85 59.3 40.0 74.4



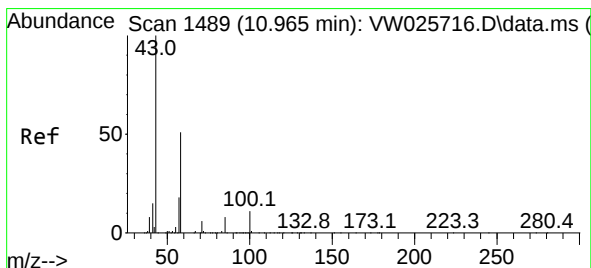
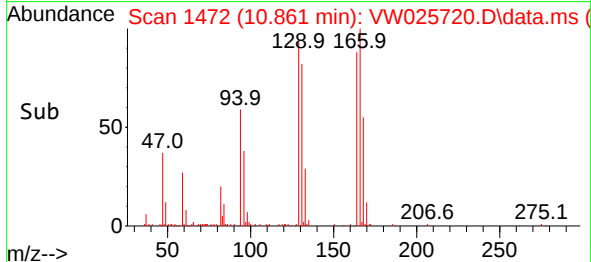
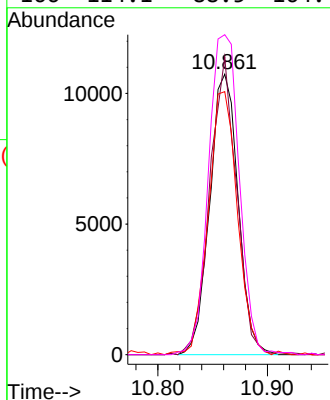
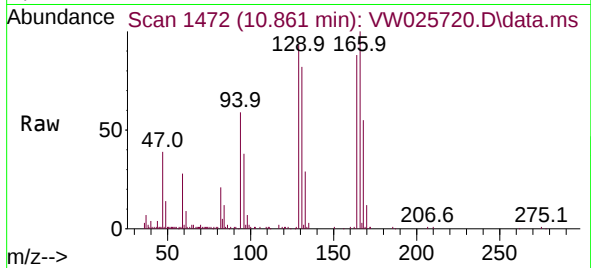


#46
Tetrachloroethene
Concen: 2.691 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Tgt Ion:164 Resp: 19334

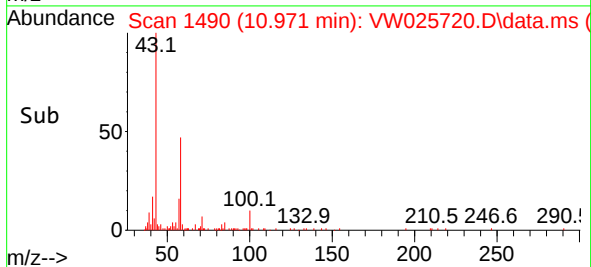
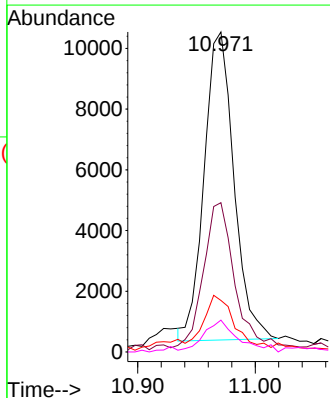
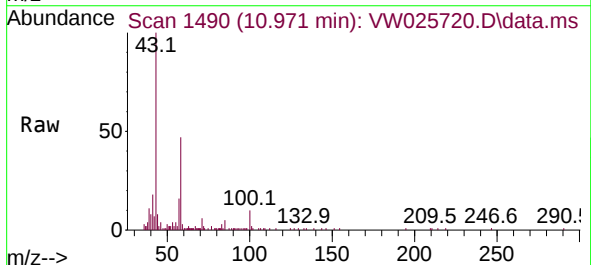
Ion	Ratio	Lower	Upper
164	100		
129	106.1	69.2	128.6
131	93.8	59.4	110.2
166	114.1	88.5	164.4

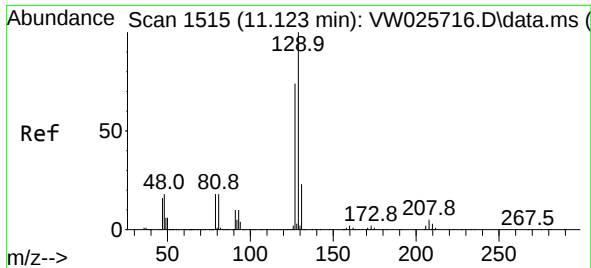


#48
2-Hexanone
Concen: 3.974 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 43 Resp: 17872

Ion	Ratio	Lower	Upper
43	100		
58	47.9	40.3	60.5
57	18.2	13.8	20.8
100	11.4	7.8	11.6

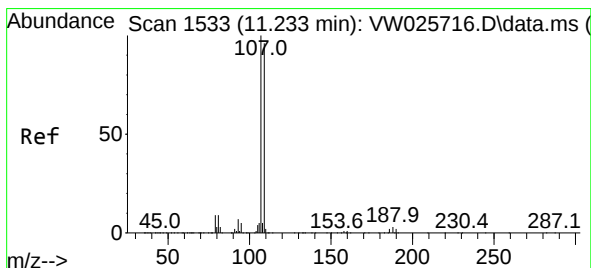
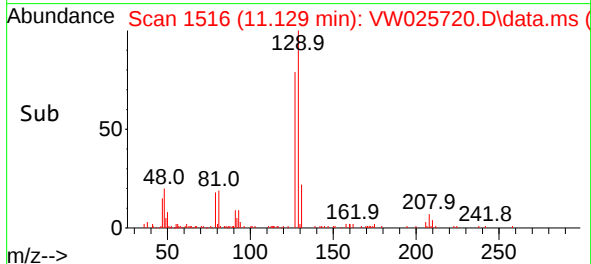
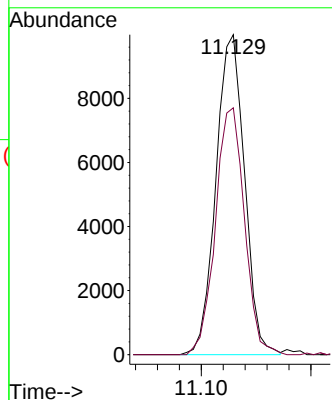
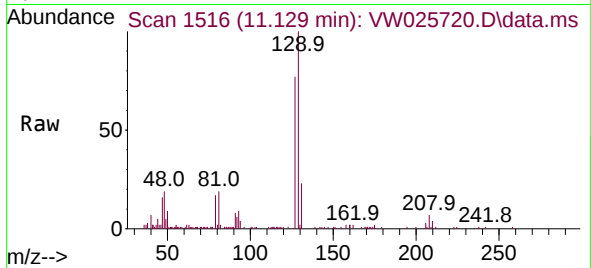




#49
Dibromochloromethane
Concen: 2.545 ug/L
RT: 11.129 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

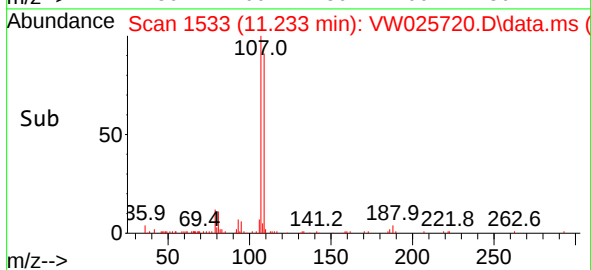
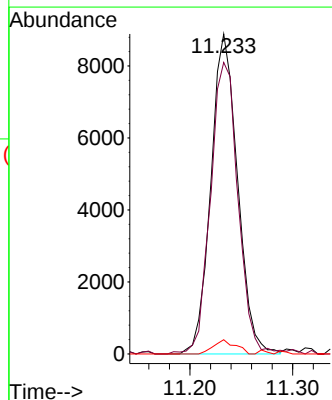
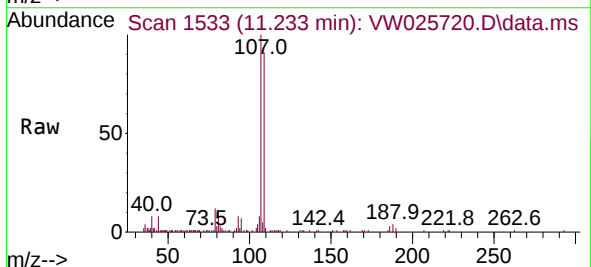
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

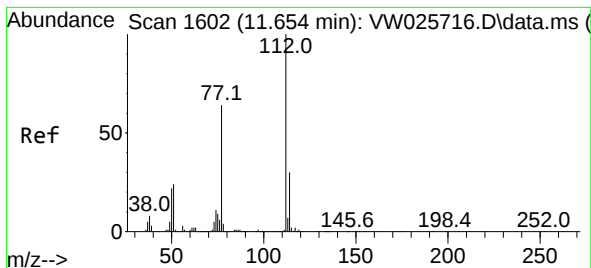
Tgt Ion:129 Resp: 18087
Ion Ratio Lower Upper
129 100
127 77.2 51.9 96.5



#50
1,2-Dibromoethane
Concen: 2.550 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:107 Resp: 16050
Ion Ratio Lower Upper
107 100
109 91.1 66.9 124.3
188 4.5 2.1 3.1#





#51

Chlorobenzene

Concen: 2.707 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449

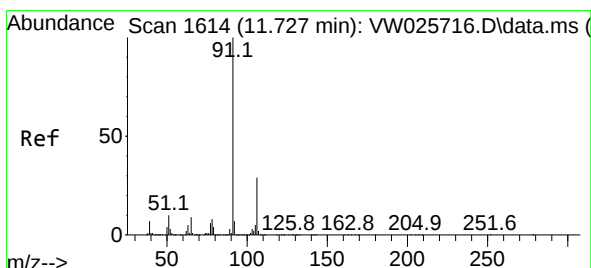
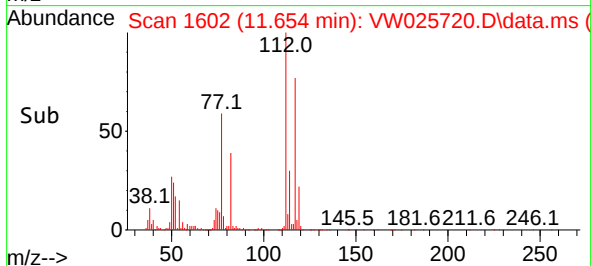
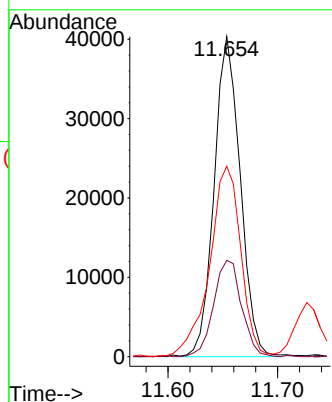
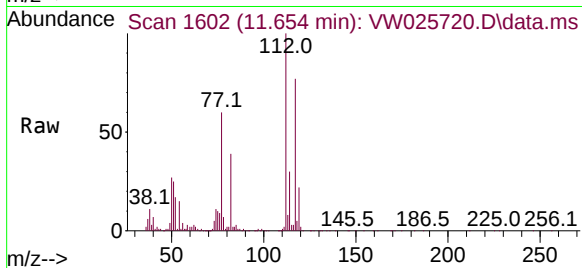
Tgt Ion:112 Resp: 66745

Ion Ratio Lower Upper

112 100

114 30.1 21.2 39.4

77 59.5 51.5 77.3



#52

Ethylbenzene

Concen: 2.524 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW025720.D

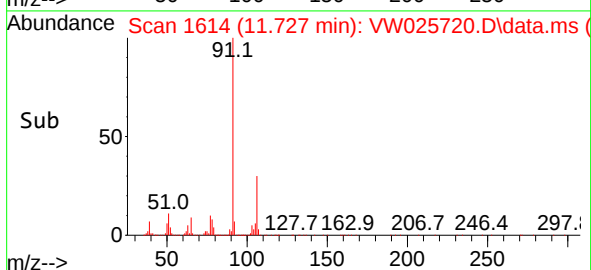
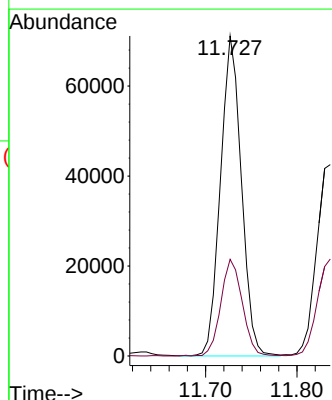
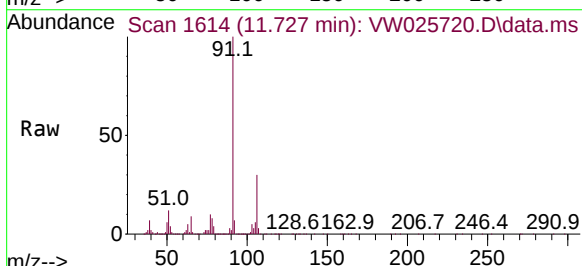
Acq: 27 Apr 2023 11:46

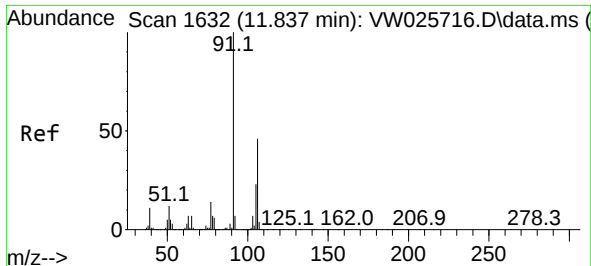
Tgt Ion: 91 Resp: 113432

Ion Ratio Lower Upper

91 100

106 30.2 20.4 37.8

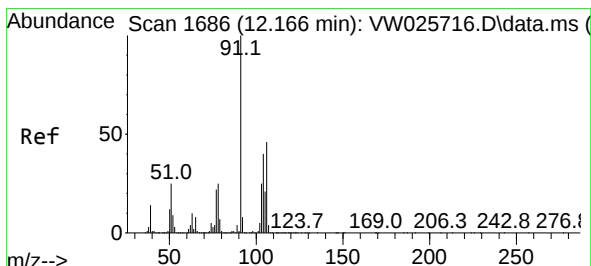
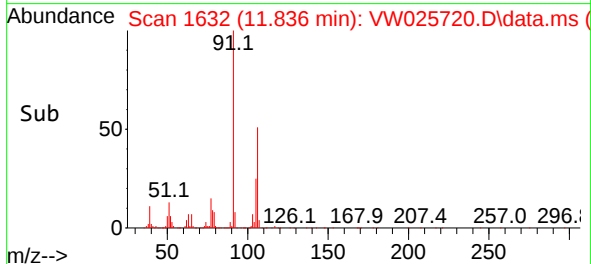
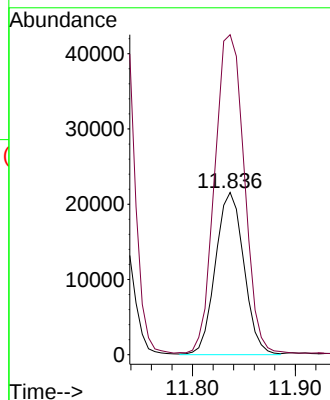
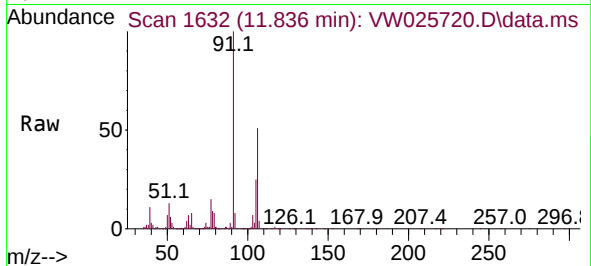




#53
m,p-Xylene
Concen: 2.499 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

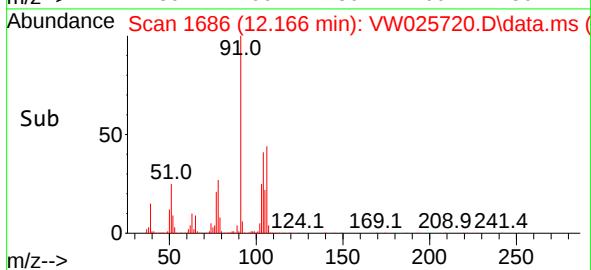
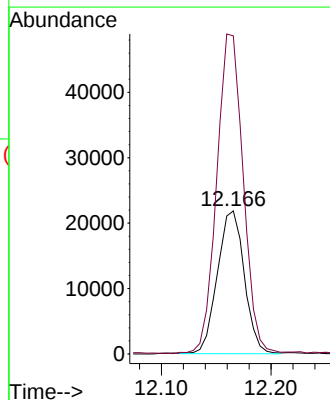
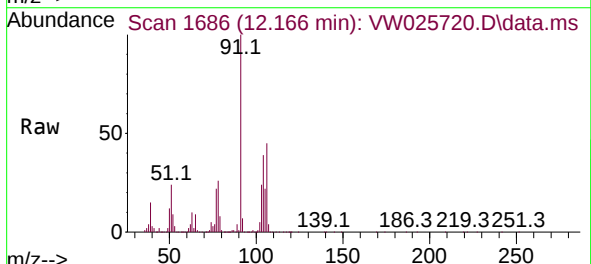
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

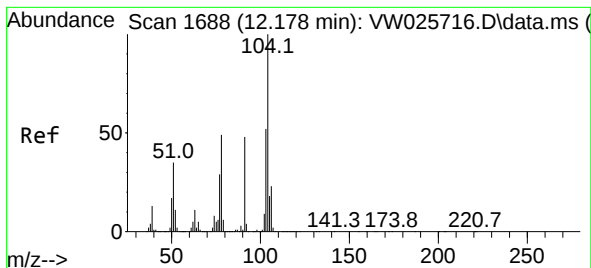
Tgt Ion:106 Resp: 41462
Ion Ratio Lower Upper
106 100
91 197.3 151.1 280.5



#54
o-Xylene
Concen: 2.409 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:106 Resp: 37270
Ion Ratio Lower Upper
106 100
91 222.4 150.8 280.1





#55

Styrene

Concen: 2.333 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Instrument :

MSVOA_W

ClientSampleId :

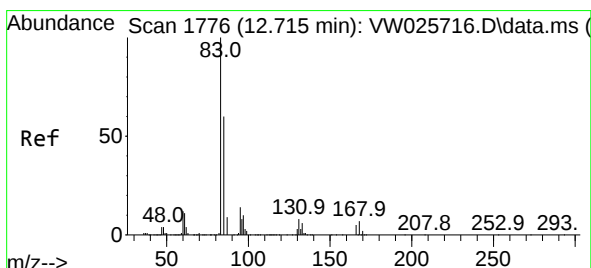
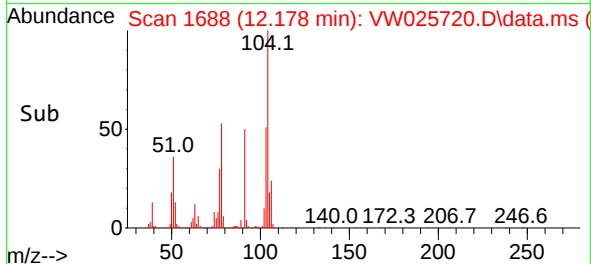
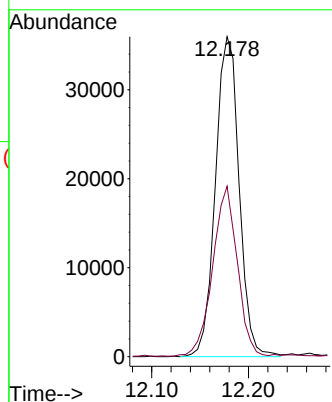
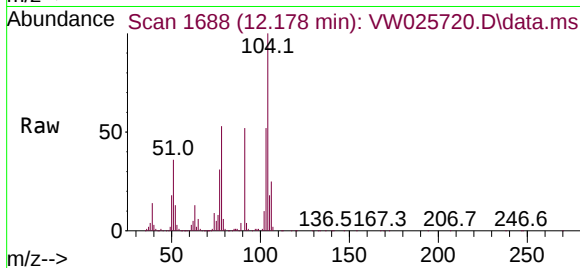
VSTD2.5449

Tgt Ion:104 Resp: 61187

Ion Ratio Lower Upper

104 100

78 53.2 34.2 63.6



#57

1,1,2,2-Tetrachloroethane

Concen: 2.522 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

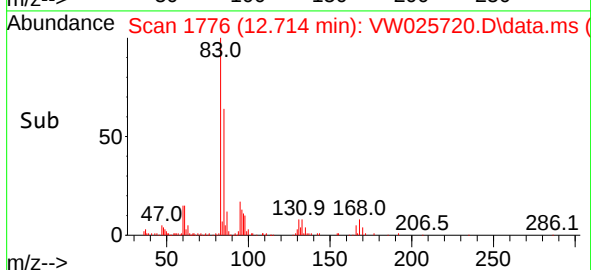
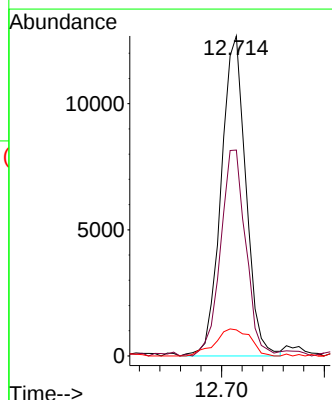
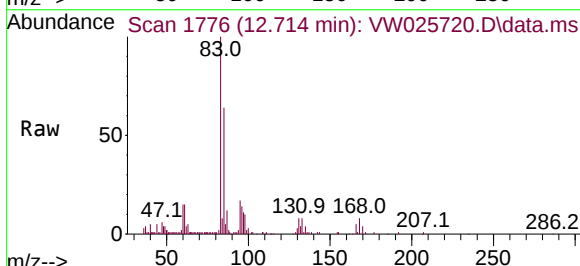
Tgt Ion: 83 Resp: 21187

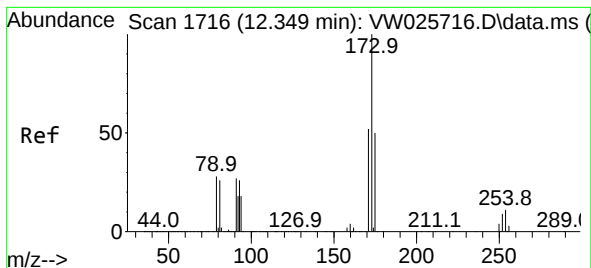
Ion Ratio Lower Upper

83 100

85 64.3 42.2 78.4

131 8.2 6.6 9.8





#59

Bromoform

Concen: 2.326 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449

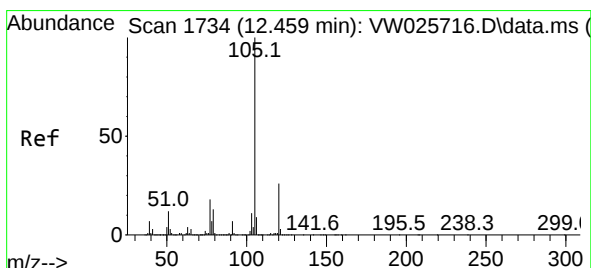
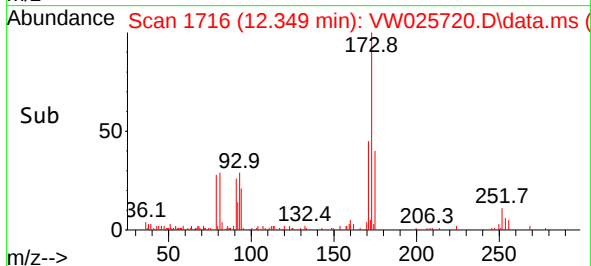
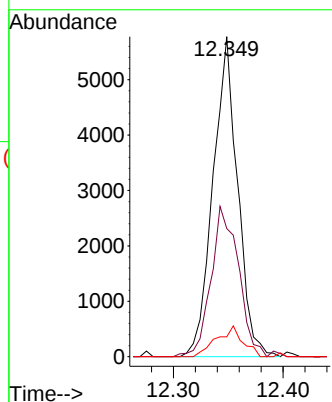
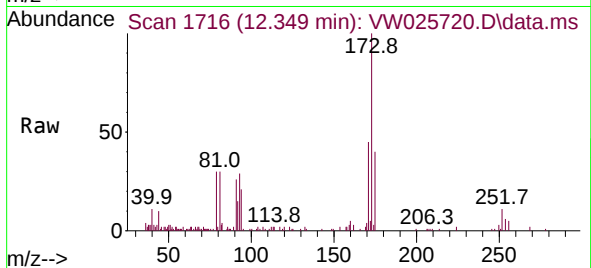
Tgt Ion:173 Resp: 9035

Ion Ratio Lower Upper

173 100

175 0.0 39.4 59.2#

254 4.9 7.8 11.6#



#60

Isopropylbenzene

Concen: 2.447 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

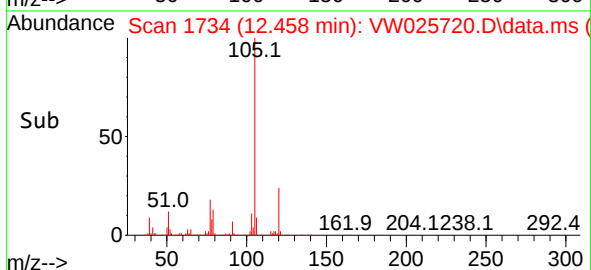
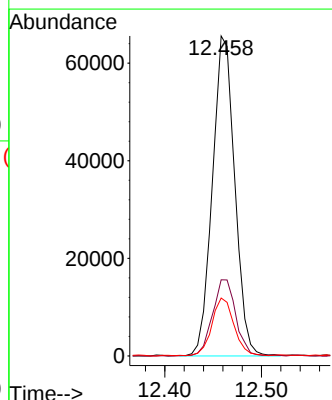
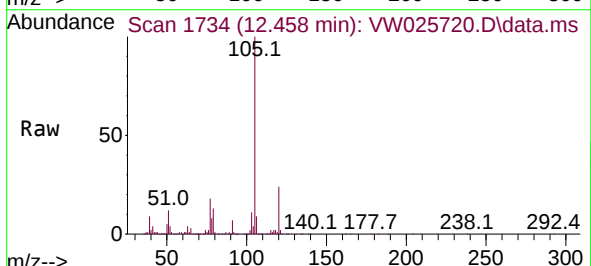
Tgt Ion:105 Resp: 105365

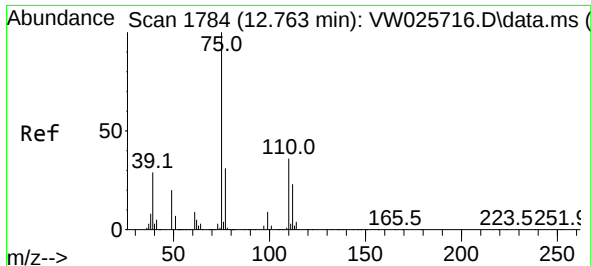
Ion Ratio Lower Upper

105 100

120 24.7 20.9 31.3

77 17.8 13.8 20.6

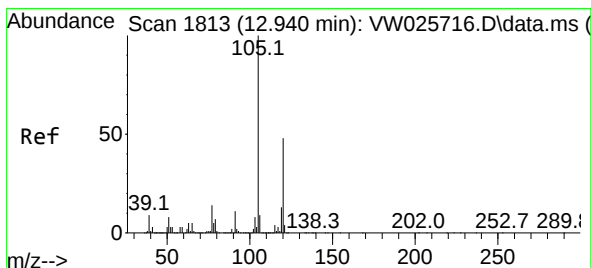
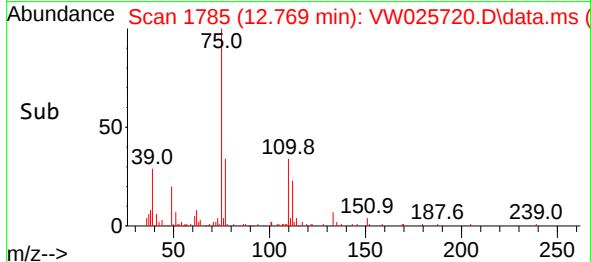
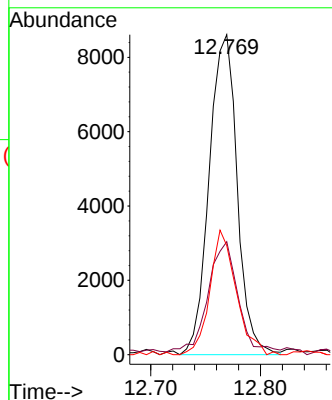
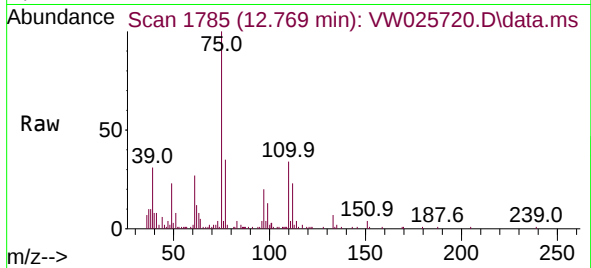




#61
1,2,3-Trichloropropane
Concen: 2.508 ug/L
RT: 12.769 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

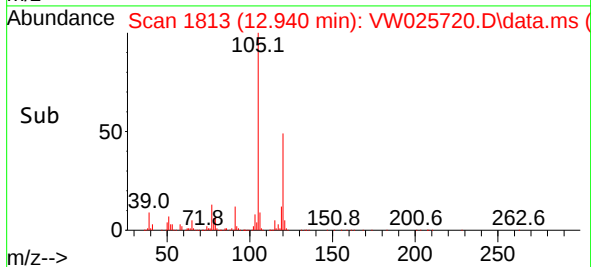
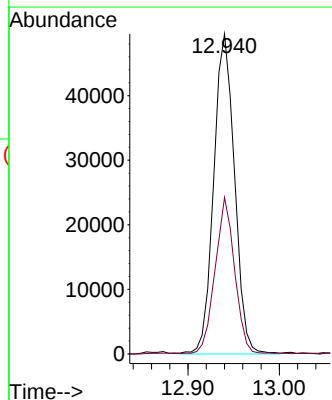
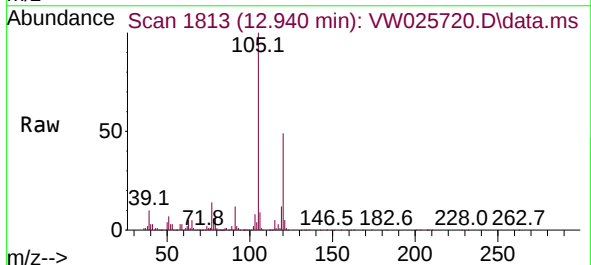
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

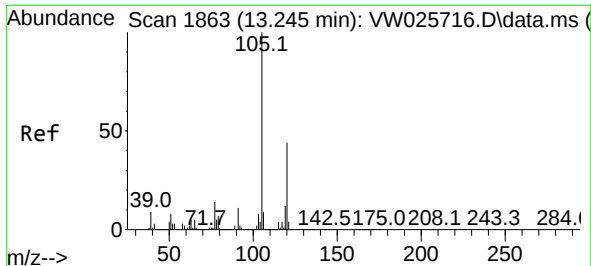
Tgt Ion: 75 Resp: 15288
Ion Ratio Lower Upper
75 100
77 35.6 25.3 37.9
110 36.3 28.7 43.1



#62
1,3,5-Trimethylbenzene
Concen: 2.316 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion: 105 Resp: 78411
Ion Ratio Lower Upper
105 100
120 46.1 39.0 58.6

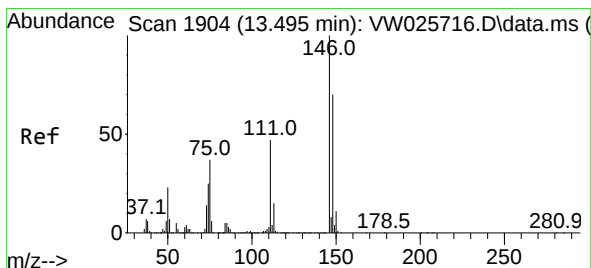
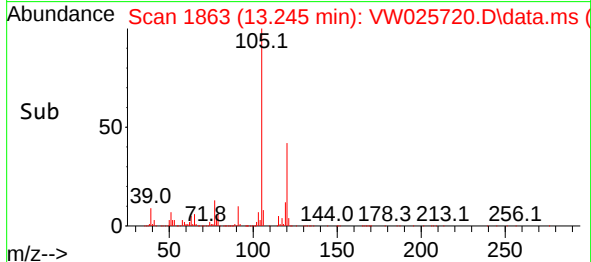
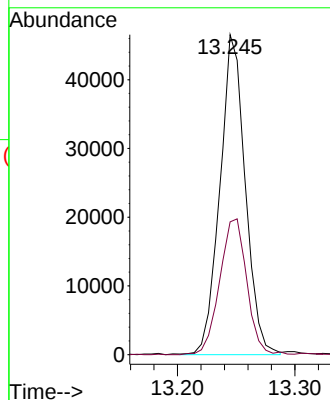
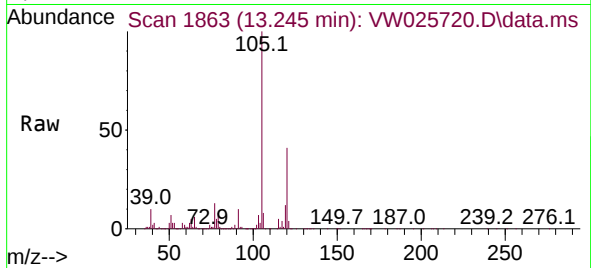




#63
1,2,4-Trimethylbenzene
Concen: 2.282 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

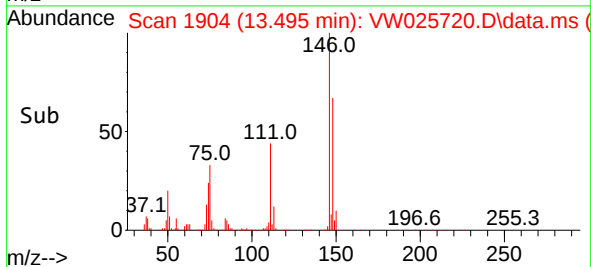
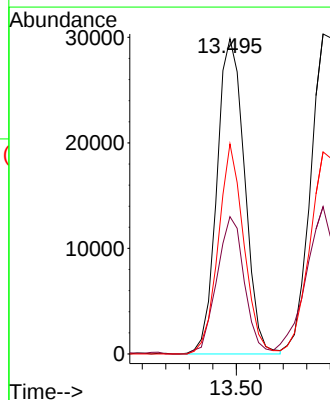
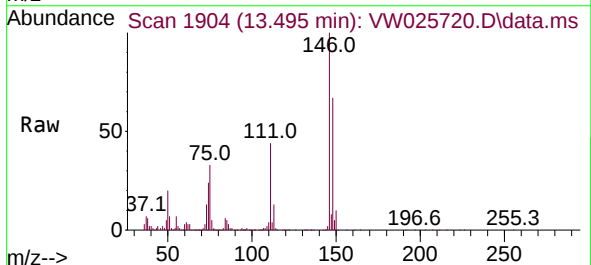
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

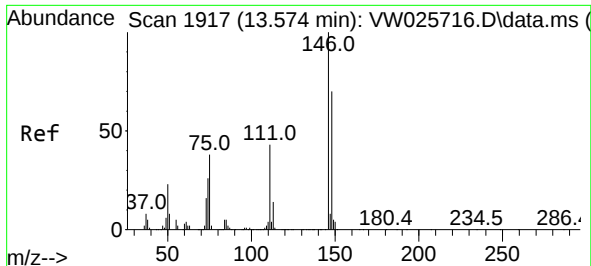
Tgt Ion:105 Resp: 69776
Ion Ratio Lower Upper
105 100
120 45.4 35.7 53.5



#64
1,3-Dichlorobenzene
Concen: 2.690 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:146 Resp: 48872
Ion Ratio Lower Upper
146 100
111 43.5 33.0 61.4
148 66.6 48.6 90.3

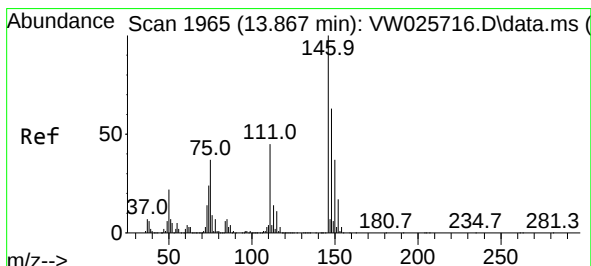
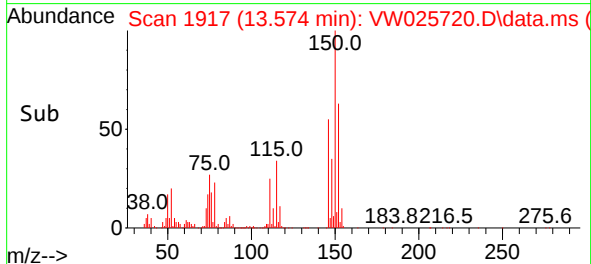
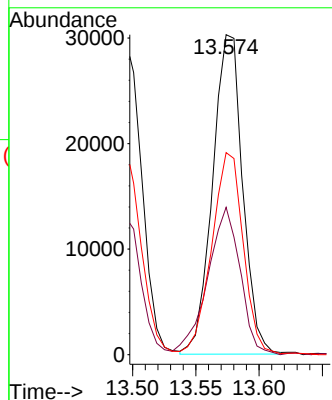
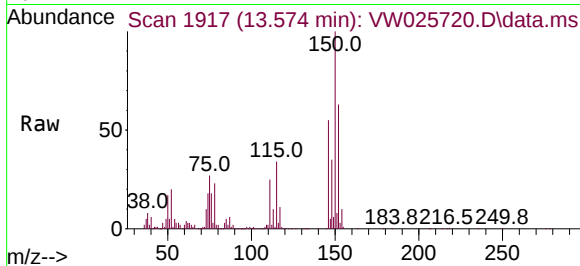




#65
1,4-Dichlorobenzene
Concen: 2.717 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

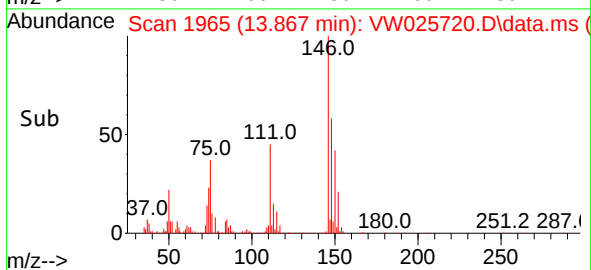
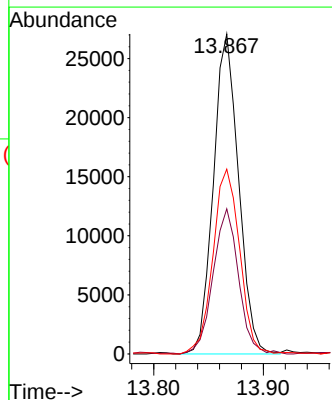
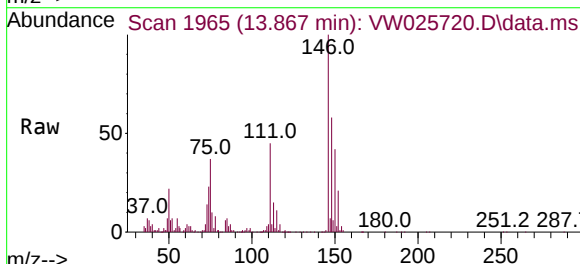
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

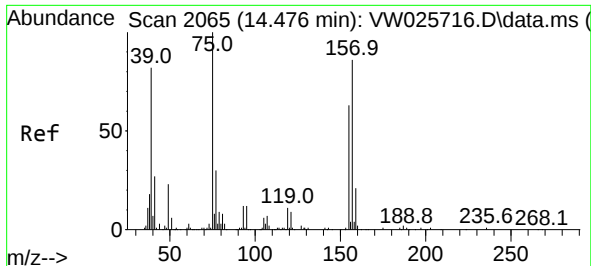
Tgt Ion:146 Resp: 50045
Ion Ratio Lower Upper
146 100
111 46.1 30.4 56.4
148 63.2 49.3 91.5



#67
1,2-Dichlorobenzene
Concen: 2.697 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025720.D
Acq: 27 Apr 2023 11:46

Tgt Ion:146 Resp: 43234
Ion Ratio Lower Upper
146 100
111 45.4 36.2 54.2
148 57.7 50.2 75.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.683 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449

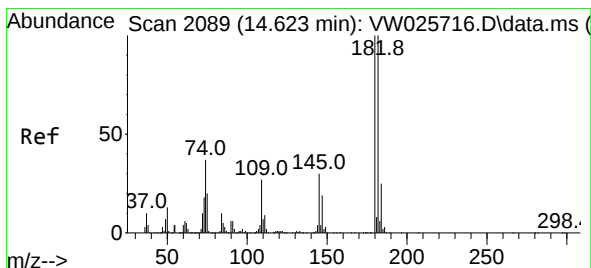
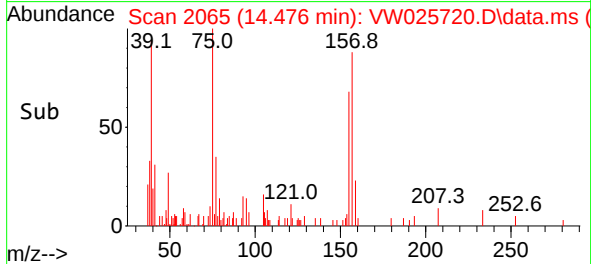
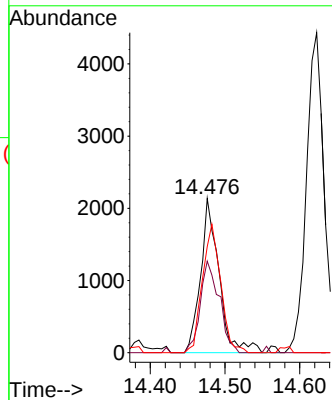
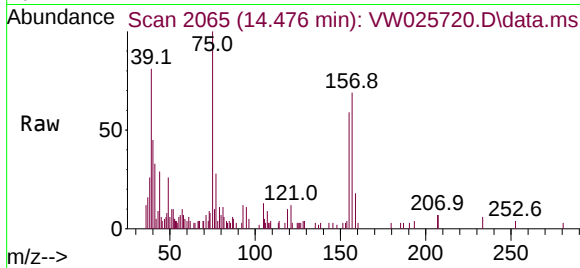
Tgt Ion: 75 Resp: 3728

Ion Ratio Lower Upper

75 100

155 59.3 50.3 75.5

157 68.8 68.4 102.6



#69

1,3,5-Trichlorobenzene

Concen: 2.711 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.006 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Tgt Ion:180 Resp: 32045

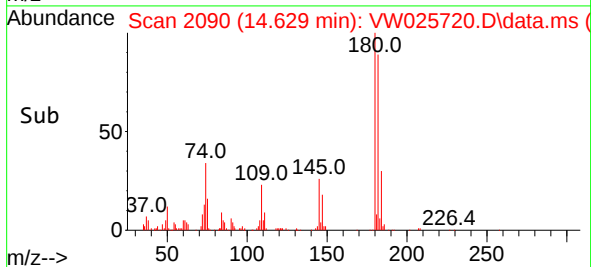
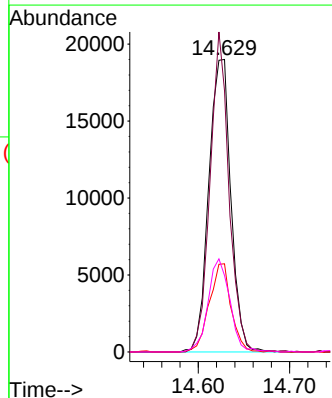
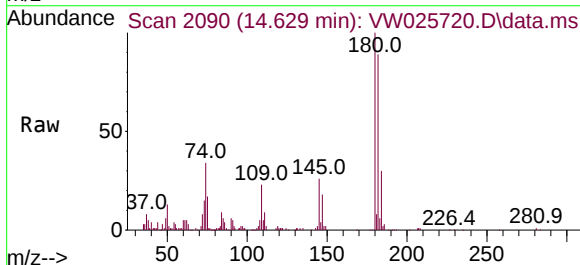
Ion Ratio Lower Upper

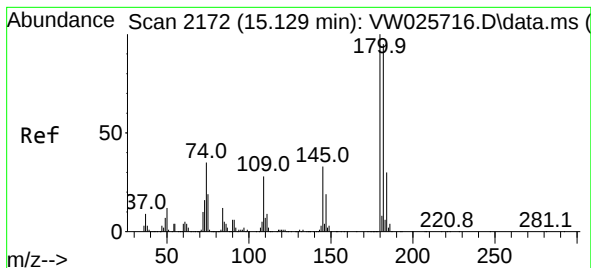
180 100

182 93.4 79.0 118.4

184 29.8 23.8 35.8

145 31.4 25.6 38.4





#70

1,2,4-trichlorobenzene

Concen: 2.589 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449

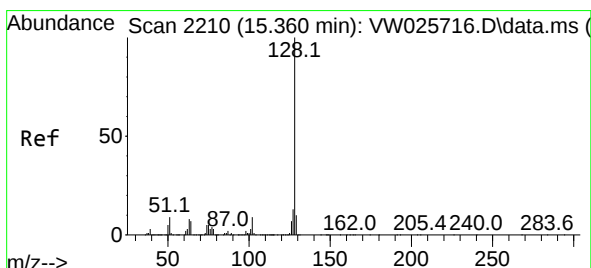
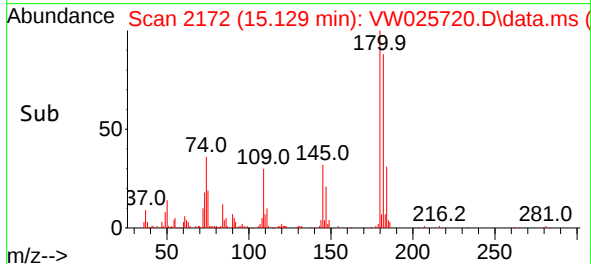
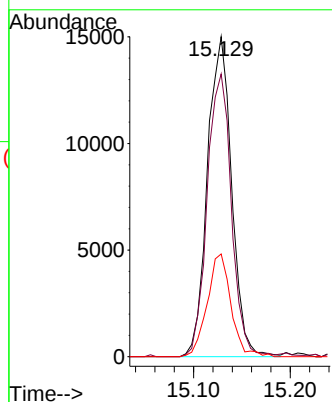
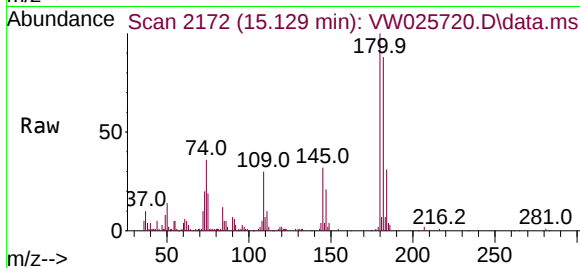
Tgt Ion:180 Resp: 26134

Ion Ratio Lower Upper

180 100

182 88.1 76.7 115.1

145 30.6 26.4 39.6



#71

Naphthalene

Concen: 2.104 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025720.D

Acq: 27 Apr 2023 11:46

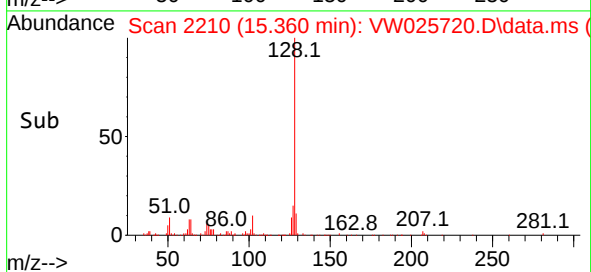
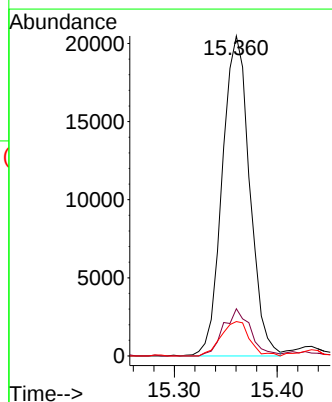
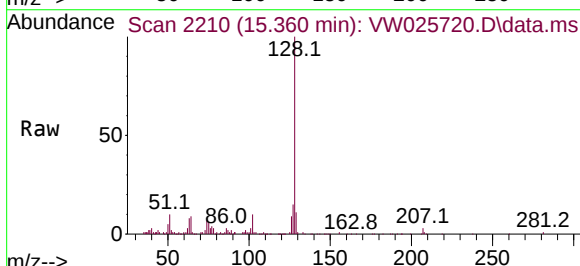
Tgt Ion:128 Resp: 37936

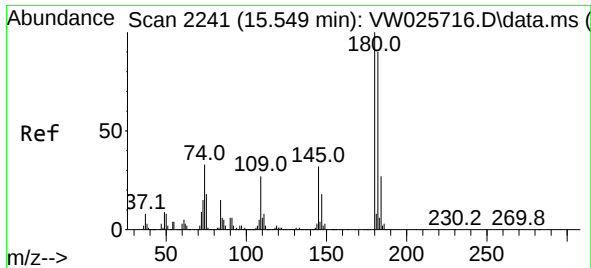
Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 10.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.494 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025720.D
 Acq: 27 Apr 2023 11:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	75.6	113.4
145	35.2	27.4	41.0

