

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026943.D
 Acq On : 29 Aug 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 20:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	285882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	278475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169977	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	84752	18.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.120%
7) Chloroethane-d5	2.893	69	69281	19.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
11) 1,1-Dichloroethene-d2	4.021	65	46073	19.933	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	7.069	46	63336	46.890	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.780%
24) Chloroform-d	7.648	84	235235	24.516	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	8.307	65	140804	26.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.360%
32) Benzene-d6	8.270	84	423232	22.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	9.270	67	131422	21.983	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	10.318	98	373001	22.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.575	79	56221	22.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.922	63	31149	49.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116941	24.770	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	129592	21.301	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71556	18.409	ug/L #	90
3) Chloromethane	2.222	50	102156	19.221	ug/L	95
5) Vinyl chloride	2.375	62	104725	20.611	ug/L	96
6) Bromomethane	2.783	94	61423	20.749	ug/L	97
8) Chloroethane	2.930	64	64076	21.047	ug/L	99
9) Trichlorofluoromethane	3.265	101	94785	22.732	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	95890	21.290	ug/L #	90
12) 1,1-Dichloroethene	4.045	96	93442	22.114	ug/L	87
13) Acetone	4.118	43	68012	50.640	ug/L	98
14) Carbon disulfide	4.393	76	273770	18.009	ug/L	98
15) Methyl Acetate	4.667	43	63706	23.680	ug/L	98
16) Methylene chloride	4.917	84	127593	23.072	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	104333	22.126	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	185508	26.001	ug/L	96
19) 1,1-Dichloroethane	6.209	63	242373	24.975	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	118618	23.404	ug/L	98
22) 2-Butanone	7.167	43	91610	46.285	ug/L	99
23) Bromochloromethane	7.514	128	51881	23.697	ug/L	96
25) Chloroform	7.673	83	240554	25.657	ug/L	99

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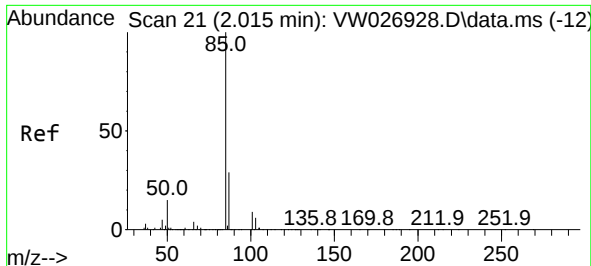
Quant Time: Aug 29 20:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	185570	28.372	ug/L	97
29) Cyclohexane	7.959	56	191586	22.247	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	197188	27.132	ug/L	98
31) Carbon tetrachloride	8.069	117	182821	27.512	ug/L	95
33) Benzene	8.325	78	489227	24.124	ug/L	100
34) Trichloroethene	9.093	95	122082	23.637	ug/L	95
35) Methylcyclohexane	9.331	83	204376	23.130	ug/L	98
37) 1,2-Dichloropropane	9.367	63	134593	24.231	ug/L	99
38) Bromodichloromethane	9.642	83	174197	26.733	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	207221	25.932	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	187787	51.973	ug/L	97
42) Toluene	10.386	91	521887	25.440	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	186257	27.080	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	94350	24.836	ug/L	96
46) Tetrachloroethene	10.861	164	91013	24.255	ug/L	90
48) 2-Hexanone	10.965	43	134501	54.707	ug/L	97
49) Dibromochloromethane	11.123	129	102142	25.707	ug/L	98
50) 1,2-Dibromoethane	11.233	107	82346	23.102	ug/L	95
51) Chlorobenzene	11.654	112	326207	25.174	ug/L	98
52) Ethylbenzene	11.727	91	609621	26.500	ug/L	97
53) m,p-Xylene	11.836	106	220526	25.876	ug/L	100
54) o-Xylene	12.166	106	209708	26.365	ug/L	86
55) Styrene	12.178	104	390075	28.205	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	121647	25.284	ug/L	98
59) Bromoform	12.349	173	62117	23.329	ug/L	97
60) Isopropylbenzene	12.458	105	617646	24.440	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	92865	22.523	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	515393	25.802	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	511394	26.126	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	260279	23.682	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	275354	24.007	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	241315	24.145	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	22586	22.723	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	191317	25.766	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	154017	24.465	ug/L	97
71) Naphthalene	15.360	128	288179	23.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	141895	24.989	ug/L	98

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

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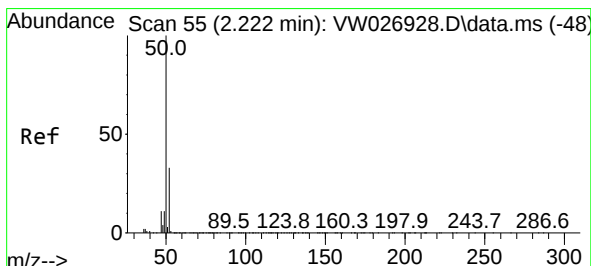
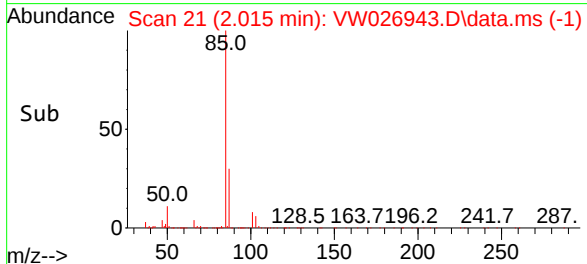
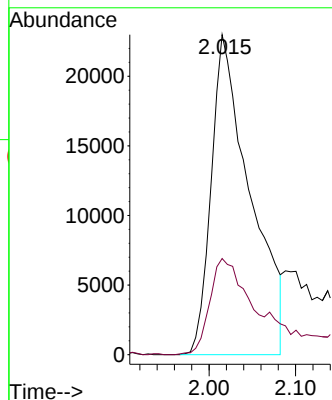
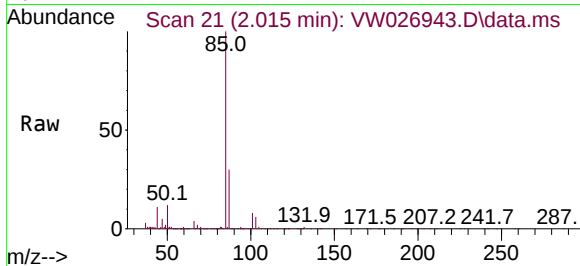




#2
 Dichlorodifluoromethane
 Concen: 18.409 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026943.D
 Acq: 29 Aug 2023 10:10

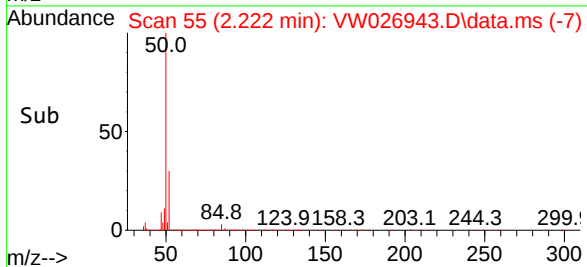
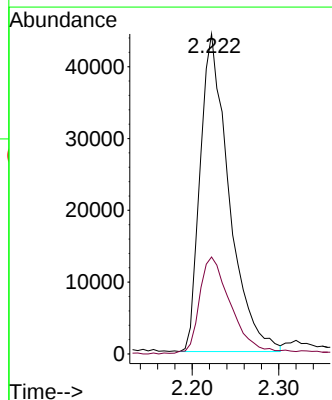
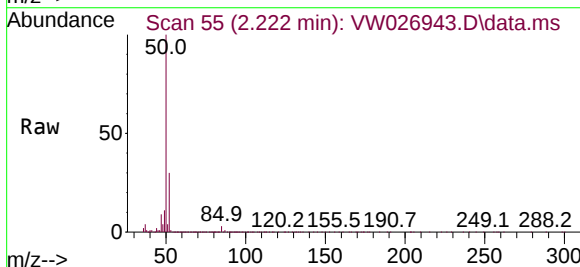
Instrument :
 MSVOA_W
 ClientSampleId :

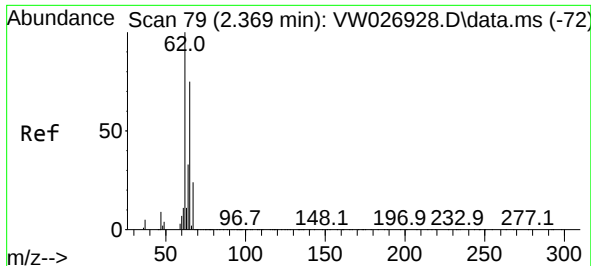
Tgt Ion: 85 Resp: 71556
 Ion Ratio Lower Upper
 85 100
 87 29.5 19.5 29.3#



#3
 Chloromethane
 Concen: 19.221 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026943.D
 Acq: 29 Aug 2023 10:10

Tgt Ion: 50 Resp: 102156
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.0 42.8

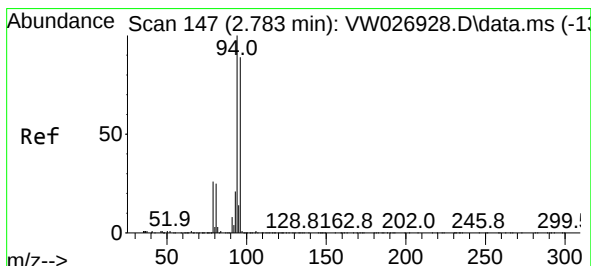
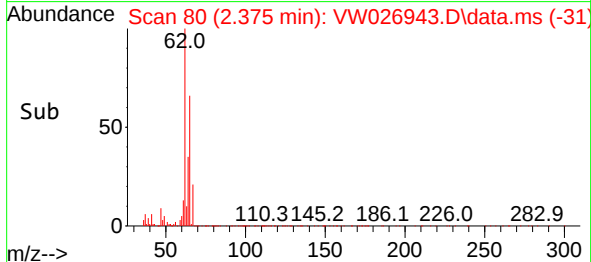
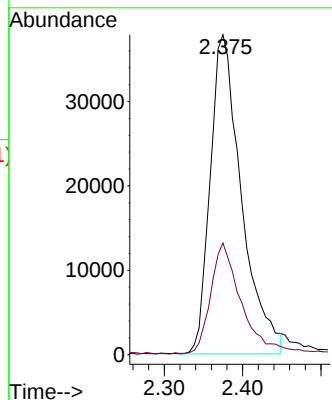
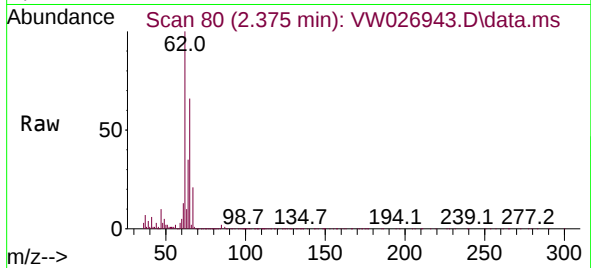




#5
 Vinyl chloride
 Concen: 20.611 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026943.D
 Acq: 29 Aug 2023 10:10

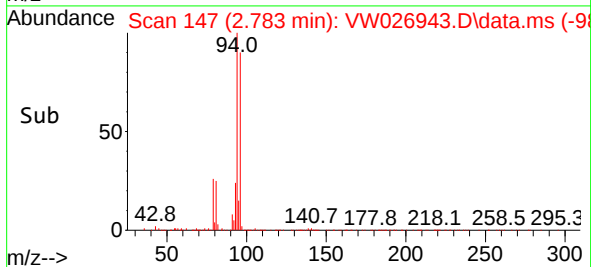
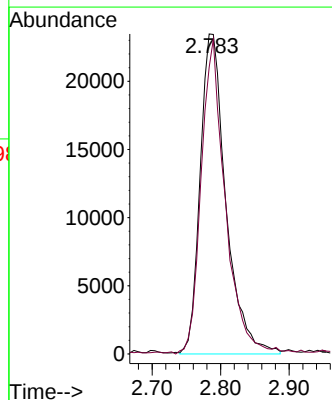
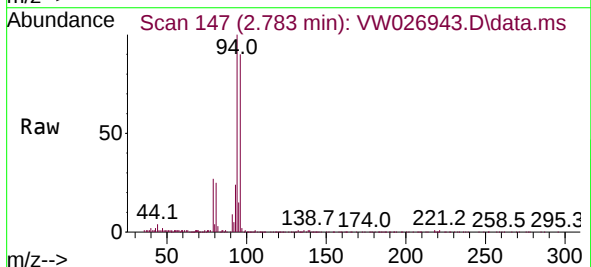
Instrument :
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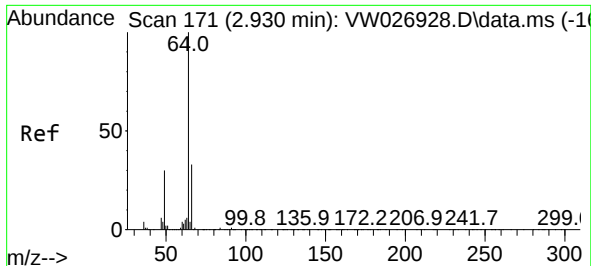
Tgt Ion: 62 Resp: 104725
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.7 42.3



#6
 Bromomethane
 Concen: 20.749 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026943.D
 Acq: 29 Aug 2023 10:10

Tgt Ion: 94 Resp: 61423
 Ion Ratio Lower Upper
 94 100
 96 89.5 64.8 120.3

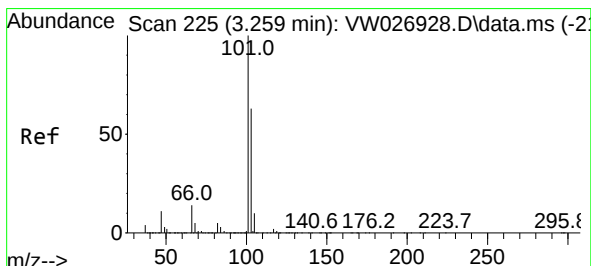
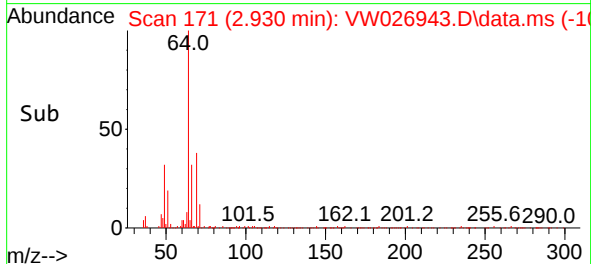
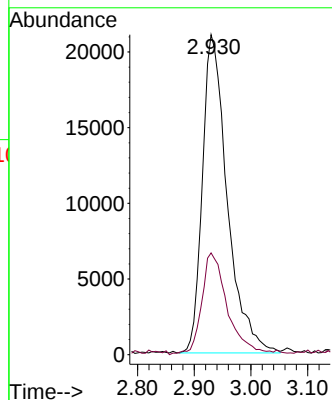
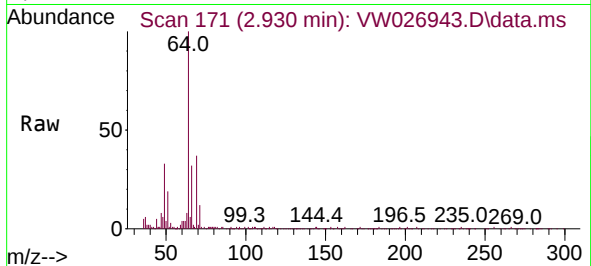




#8
Chloroethane
Concen: 21.047 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

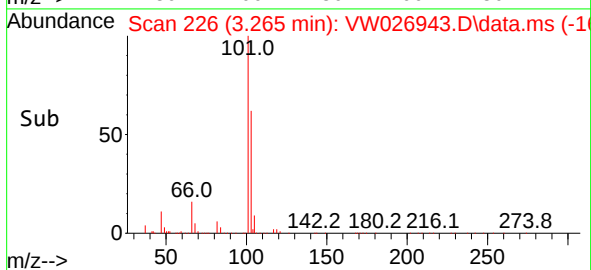
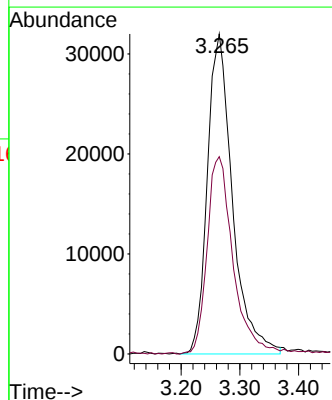
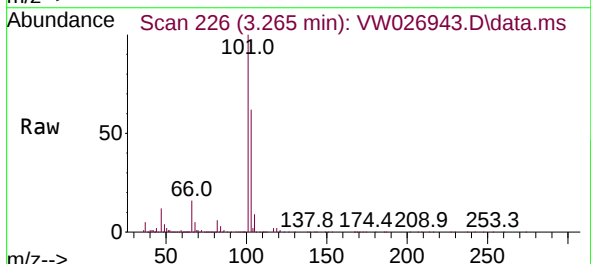
Instrument :
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ClientSampleId :

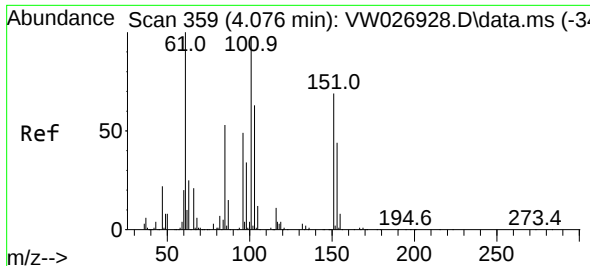
Tgt Ion: 64 Resp: 64076
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.732 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion:101 Resp: 94785
Ion Ratio Lower Upper
101 100
103 62.9 51.9 77.9

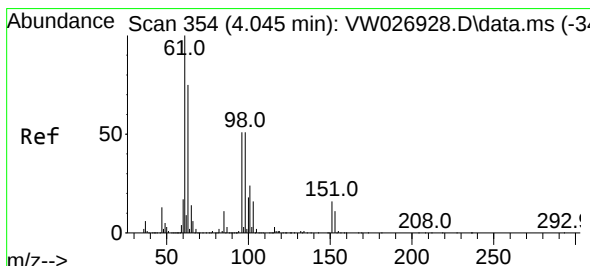
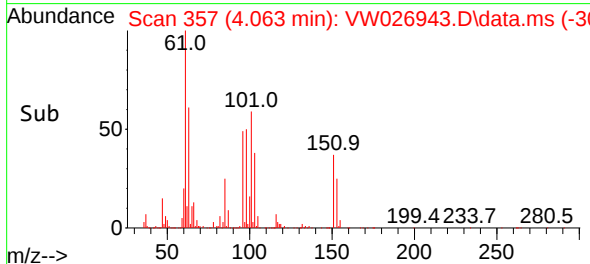
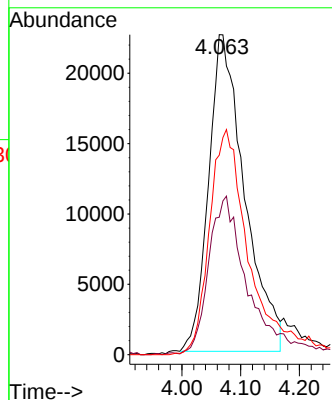
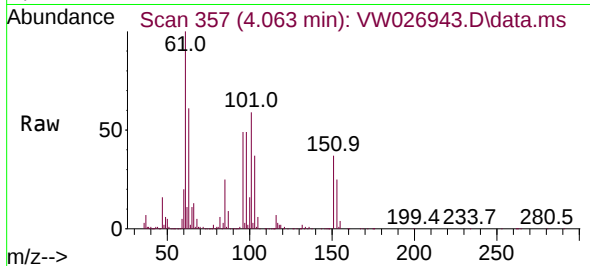




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.290 ug/L
RT: 4.063 min Scan# 357
Delta R.T. -0.006 min
Lab File: VW026943.D
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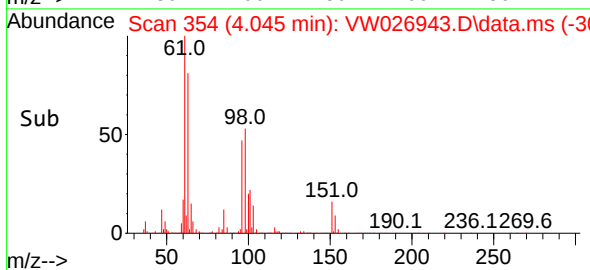
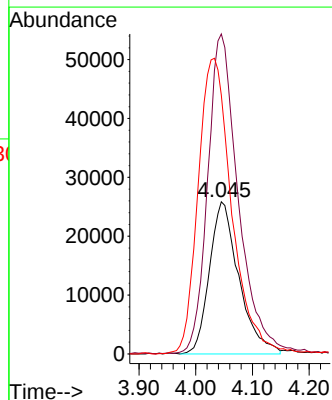
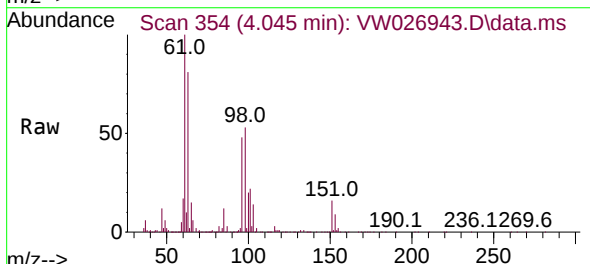
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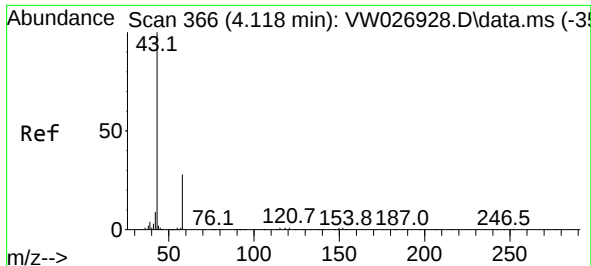
Tgt Ion:101 Resp: 95890
Ion Ratio Lower Upper
101 100
85 49.8 32.8 49.2#
151 74.4 54.4 81.6



#12
1,1-Dichloroethene
Concen: 22.114 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion: 96 Resp: 93442
Ion Ratio Lower Upper
96 100
61 210.3 133.2 247.4
63 170.2 109.0 202.4





#13

Acetone

Concen: 50.640 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

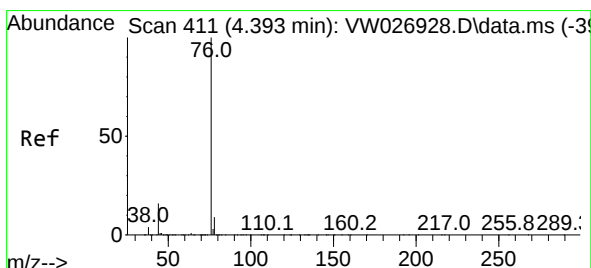
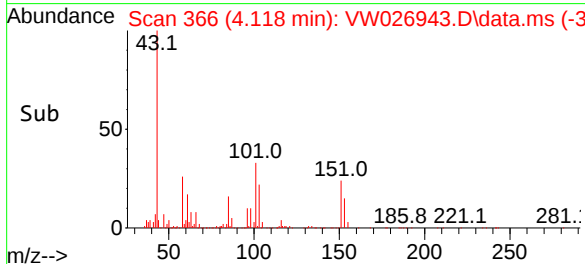
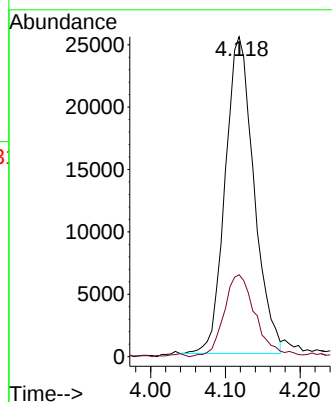
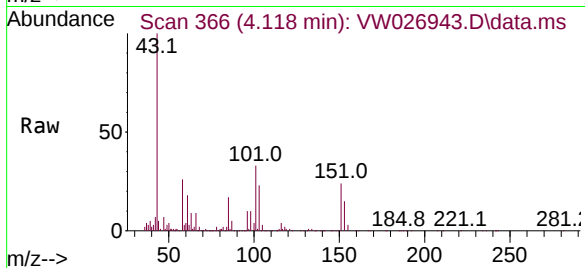
ClientSampleId :

Tgt Ion: 43 Resp: 68012

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.4



#14

Carbon disulfide

Concen: 18.009 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026943.D

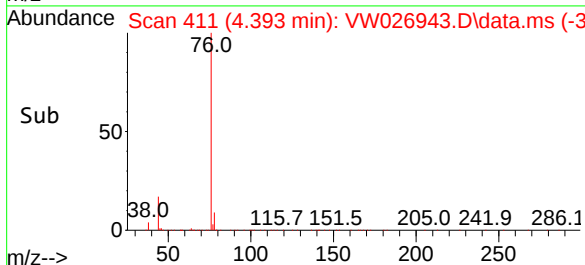
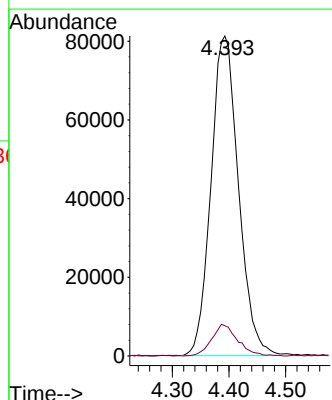
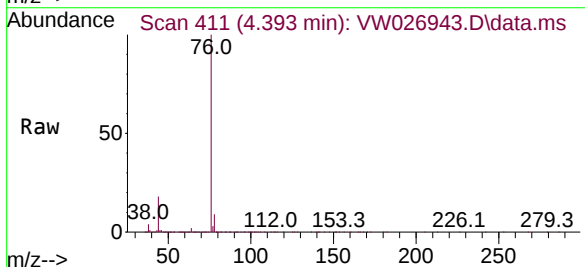
Acq: 29 Aug 2023 10:10

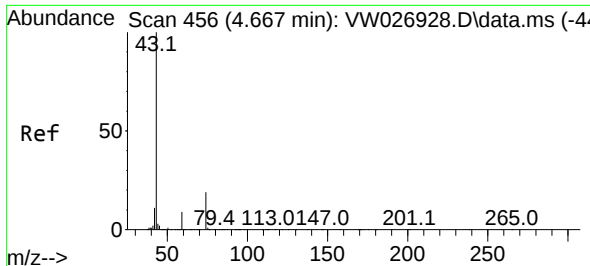
Tgt Ion: 76 Resp: 273770

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

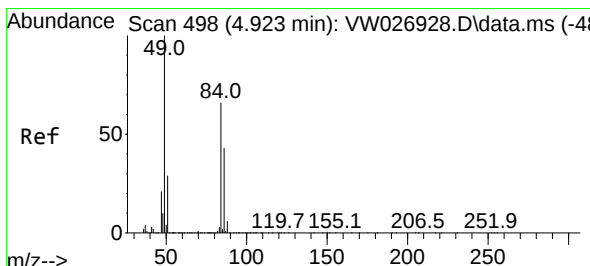
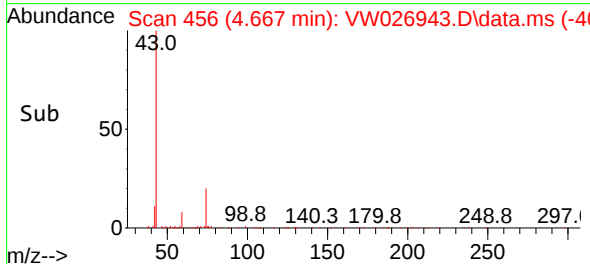
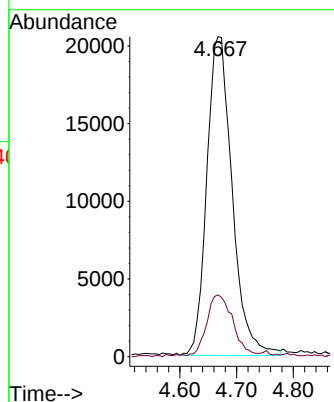
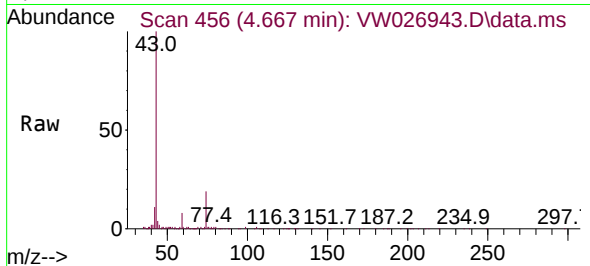




#15
Methyl Acetate
Concen: 23.680 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

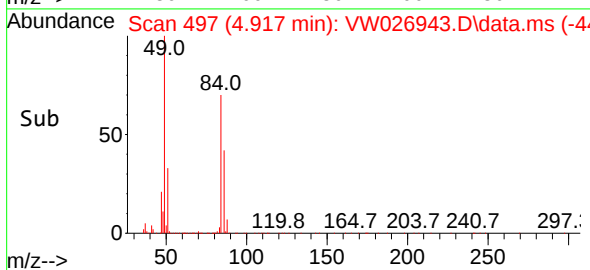
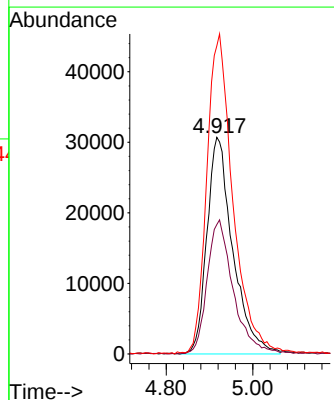
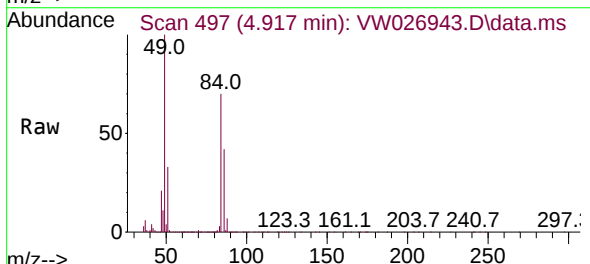
Instrument :
MSVOA_W
ClientSampleId :

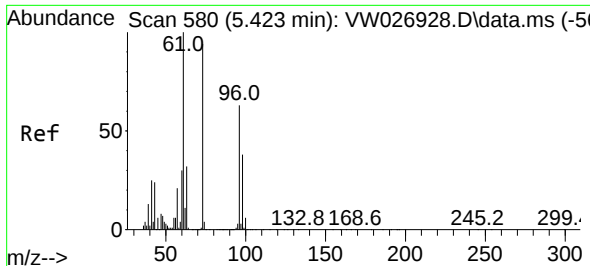
Tgt Ion: 43 Resp: 63706
Ion Ratio Lower Upper
43 100
74 19.7 16.4 24.6



#16
Methylene chloride
Concen: 23.072 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion: 84 Resp: 127593
Ion Ratio Lower Upper
84 100
86 59.7 43.5 80.9
49 142.3 96.0 178.2

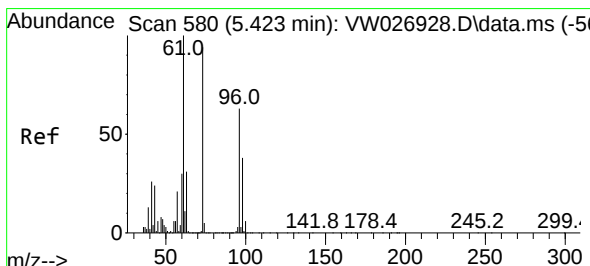
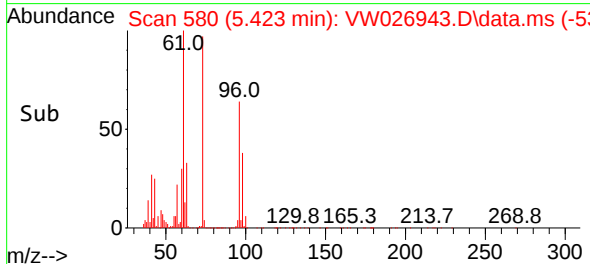
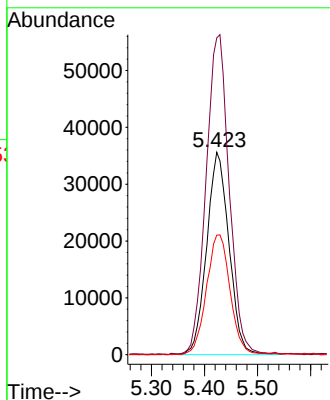
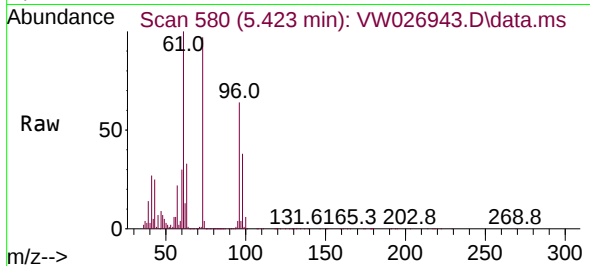




#17
trans-1,2-Dichloroethene
Concen: 22.126 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

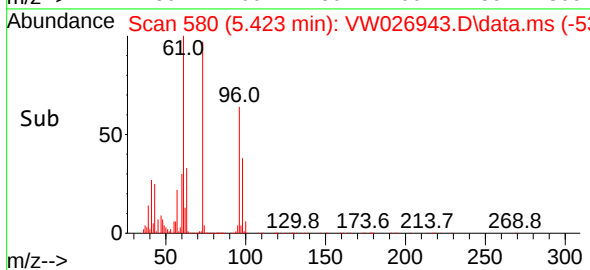
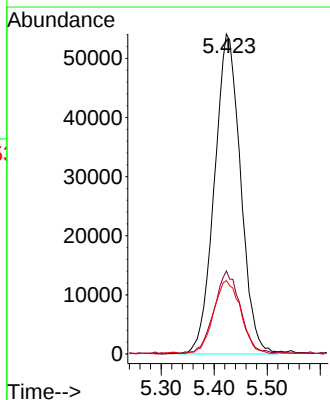
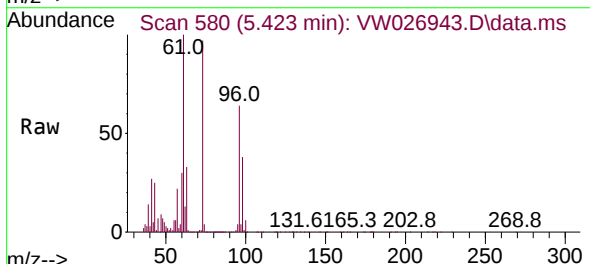
Instrument :
MSVOA_W
ClientSampleId :

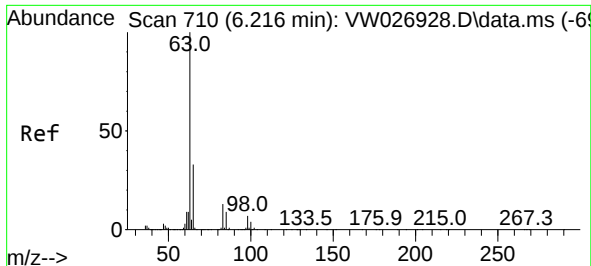
Tgt Ion: 96 Resp: 104333
Ion Ratio Lower Upper
96 100
61 156.5 109.4 203.2
98 59.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.001 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion: 73 Resp: 185508
Ion Ratio Lower Upper
73 100
43 25.5 18.0 27.0
57 23.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.975 ug/L

RT: 6.209 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

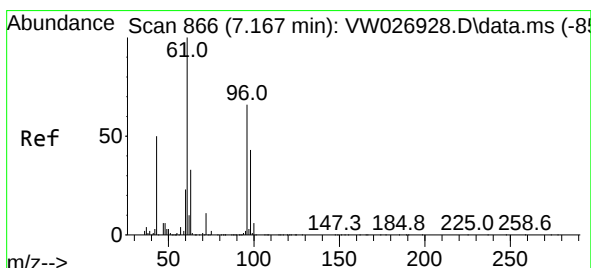
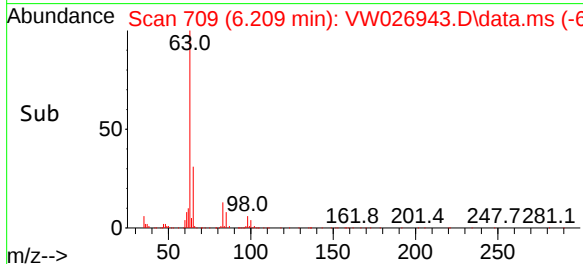
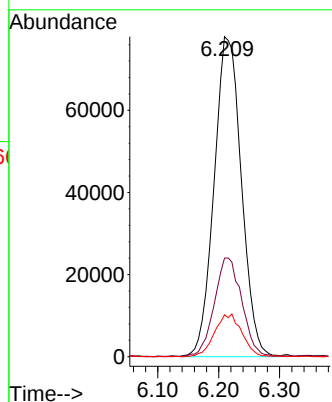
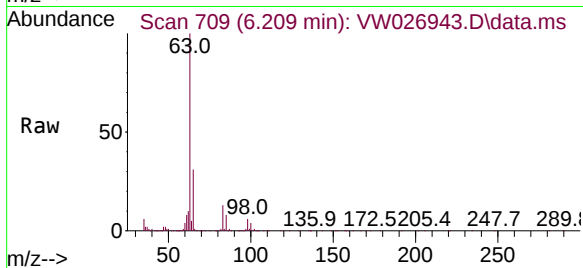
Tgt Ion: 63 Resp: 242373

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

83 13.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.404 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

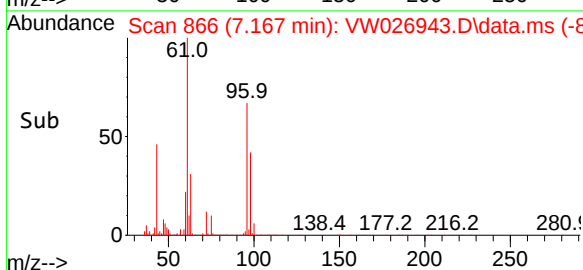
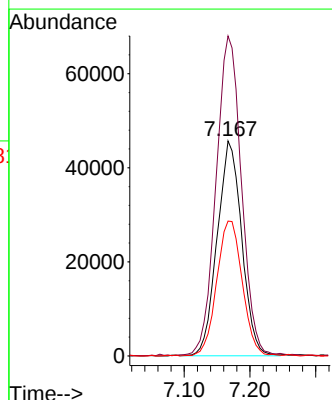
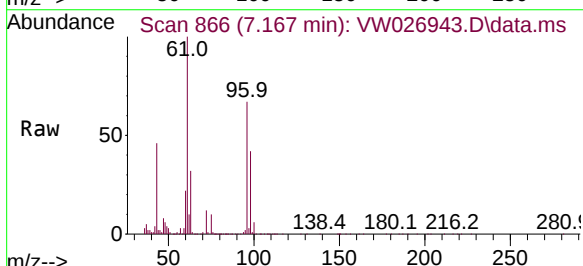
Tgt Ion: 96 Resp: 118618

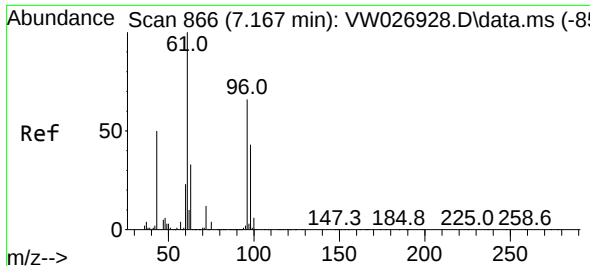
Ion Ratio Lower Upper

96 100

61 148.8 101.2 188.0

98 62.7 43.8 81.3

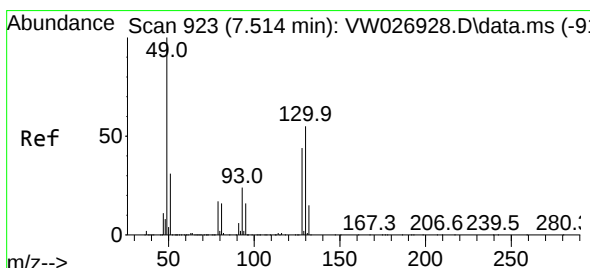
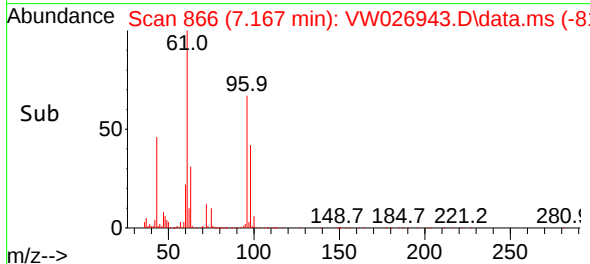
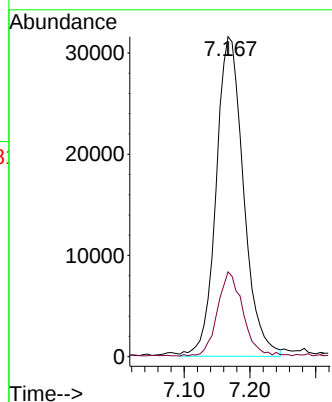
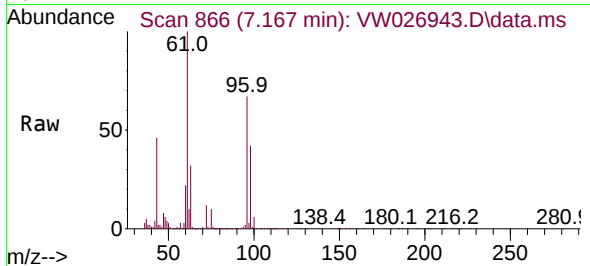




#22
2-Butanone
Concen: 46.285 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

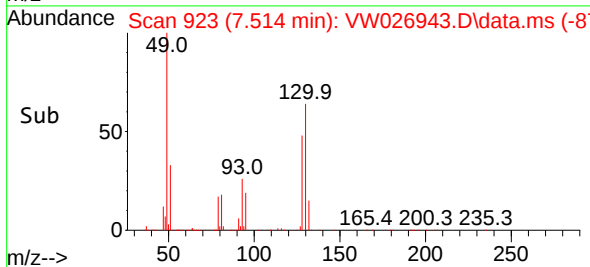
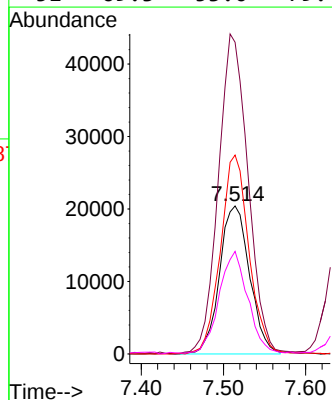
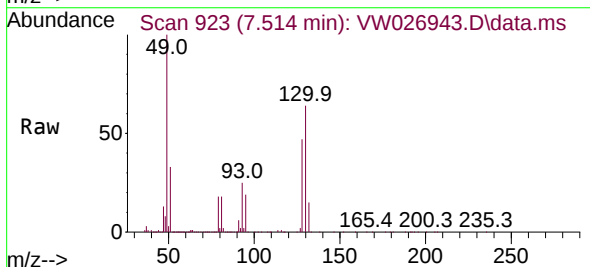
Instrument :
MSVOA_W
ClientSampleId :

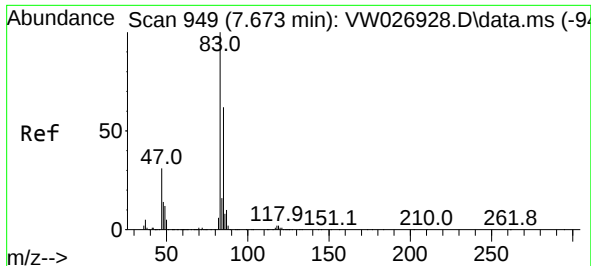
Tgt Ion: 43 Resp: 91610
Ion Ratio Lower Upper
43 100
72 23.9 11.8 35.4



#23
Bromochloromethane
Concen: 23.697 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion: 128 Resp: 51881
Ion Ratio Lower Upper
128 100
49 210.5 143.1 265.7
130 134.3 91.8 170.4
51 69.3 53.0 79.4

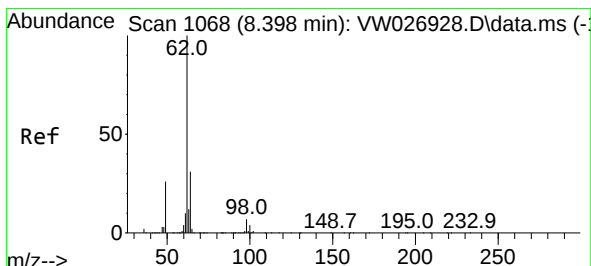
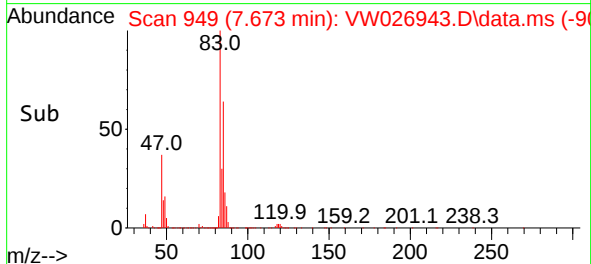
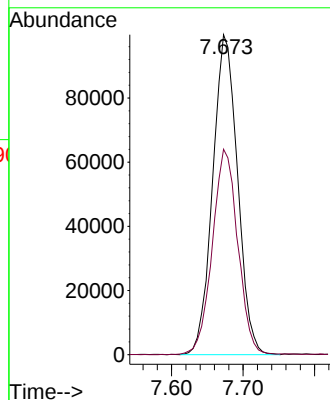
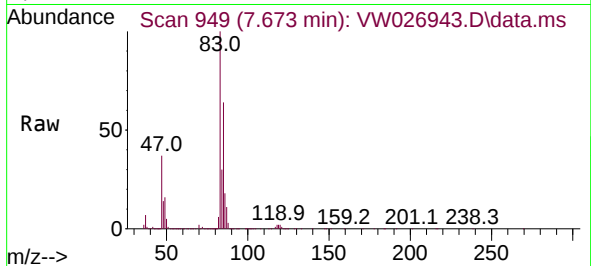




#25
Chloroform
Concen: 25.657 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

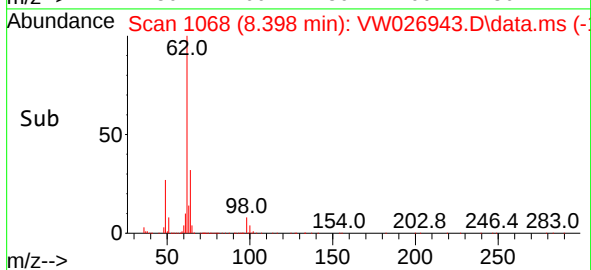
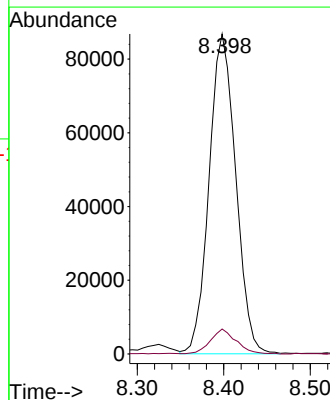
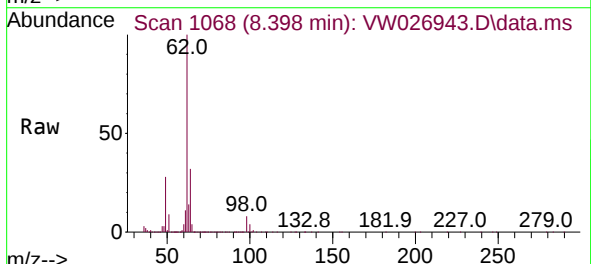
Instrument :
MSVOA_W
ClientSampleId :

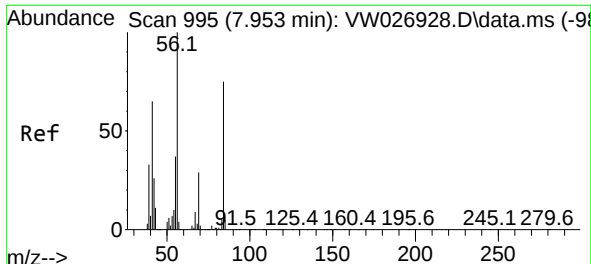
Tgt Ion: 83 Resp: 240554
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 28.372 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

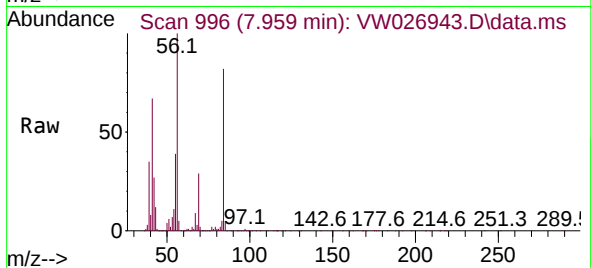
Tgt Ion: 62 Resp: 185570
Ion Ratio Lower Upper
62 100
98 7.8 7.1 10.7



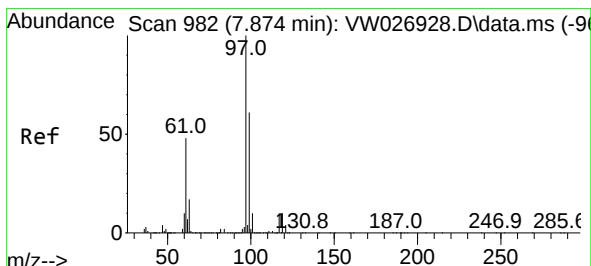
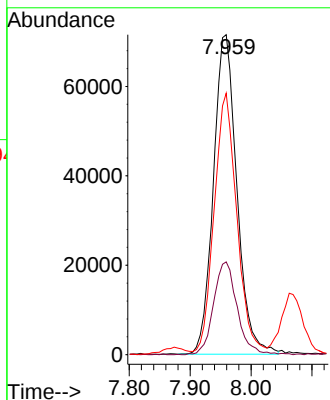
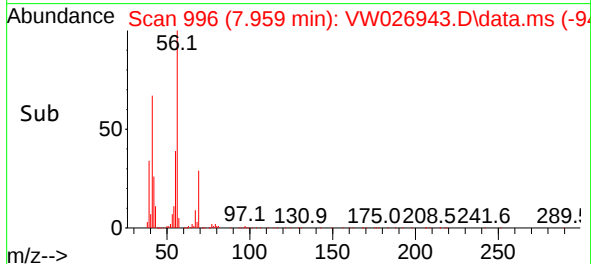


#29
Cyclohexane
Concen: 22.247 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

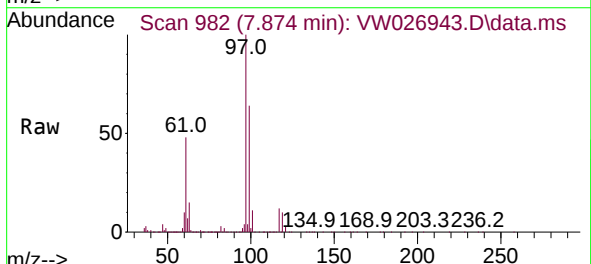
Instrument :
MSVOA_W
ClientSampleId :



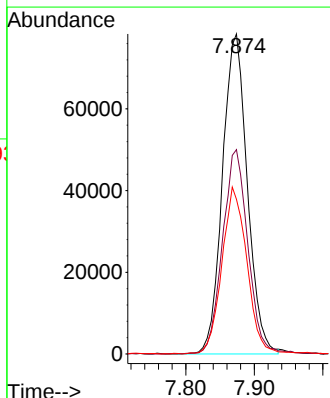
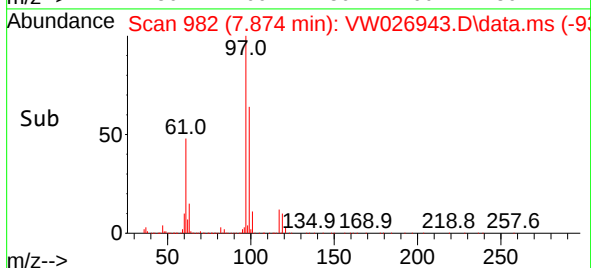
Tgt Ion: 56 Resp: 191586
Ion Ratio Lower Upper
56 100
69 28.6 23.2 34.8
84 79.1 62.7 94.1

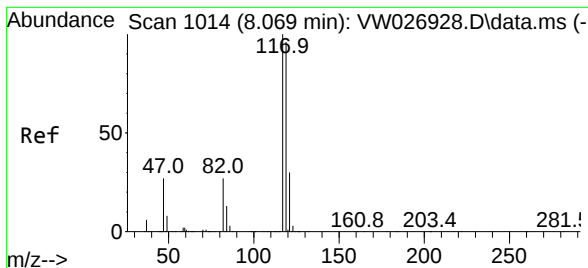


#30
1,1,1-Trichloroethane
Concen: 27.132 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10



Tgt Ion: 97 Resp: 197188
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 51.5 39.2 58.8





#31

Carbon tetrachloride

Concen: 27.512 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

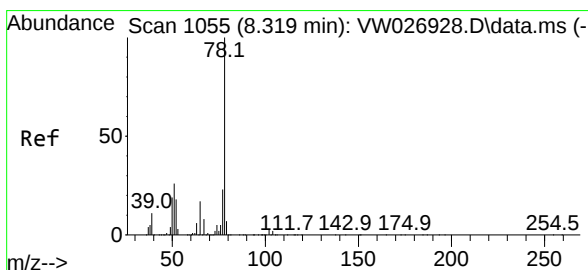
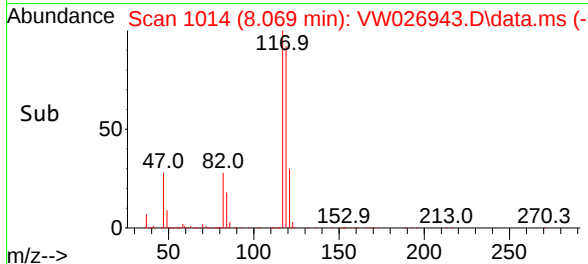
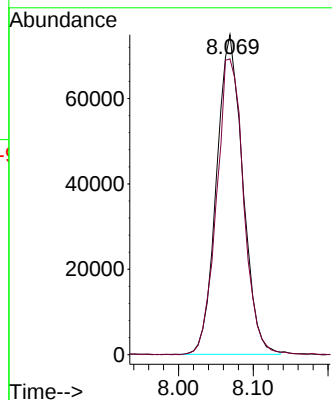
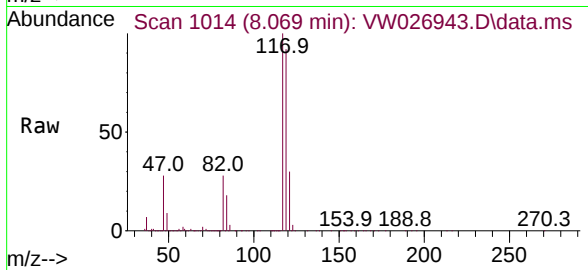
ClientSampleId :

Tgt Ion:117 Resp: 182821

Ion Ratio Lower Upper

117 100

119 95.6 73.0 109.4



#33

Benzene

Concen: 24.124 ug/L

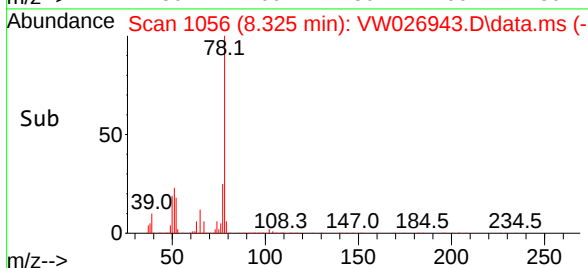
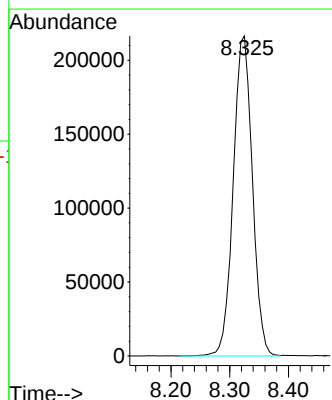
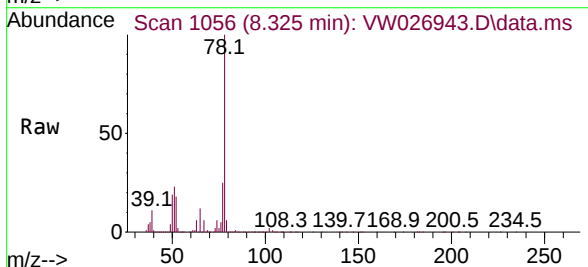
RT: 8.325 min Scan# 1056

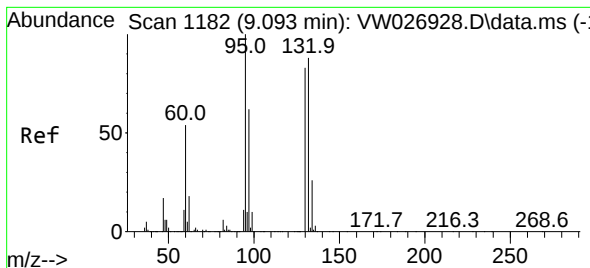
Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Tgt Ion: 78 Resp: 489227





#34

Trichloroethene

Concen: 23.637 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

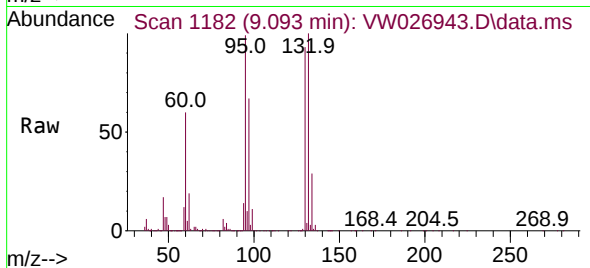
Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 122082

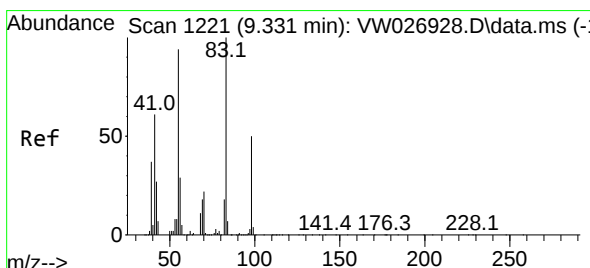
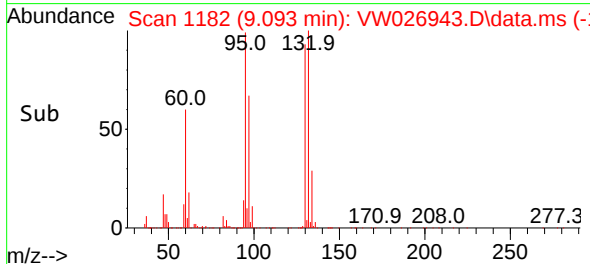
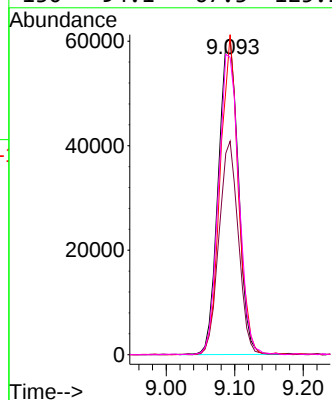
Ion Ratio Lower Upper

95 100

97 67.6 44.6 82.8

132 101.3 66.4 123.2

130 94.1 67.3 125.1



#35

Methylcyclohexane

Concen: 23.130 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

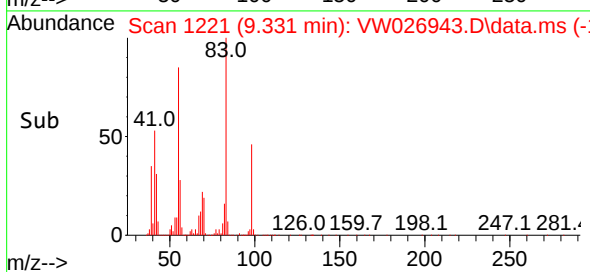
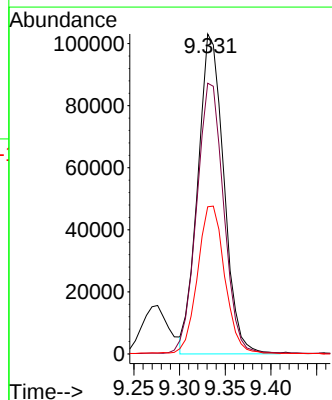
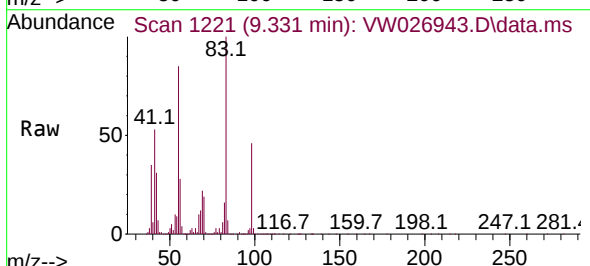
Tgt Ion: 83 Resp: 204376

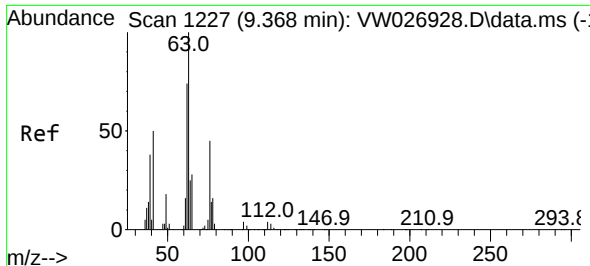
Ion Ratio Lower Upper

83 100

55 88.2 69.3 103.9

98 47.5 37.4 56.0





#37

1,2-Dichloropropane

Concen: 24.231 ug/L

RT: 9.367 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

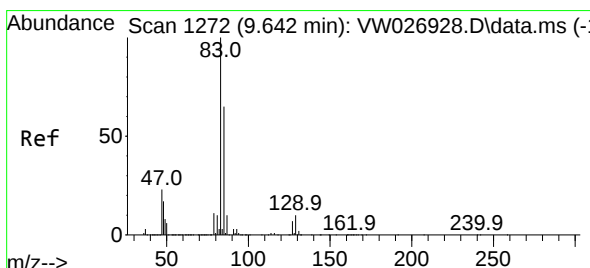
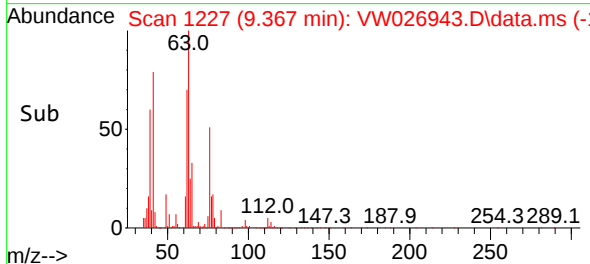
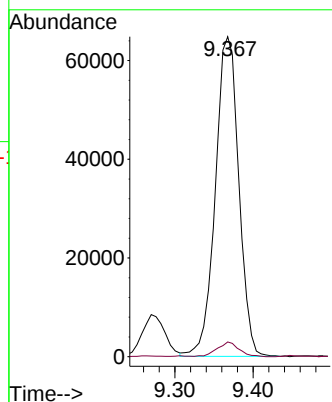
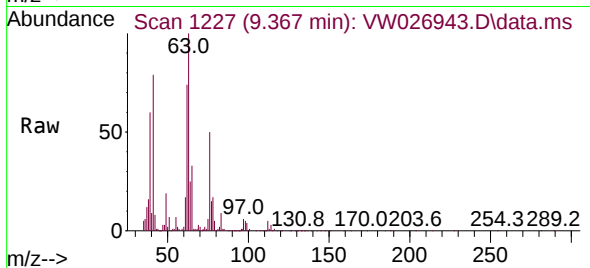
ClientSampleId :

Tgt Ion: 63 Resp: 134593

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 26.733 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

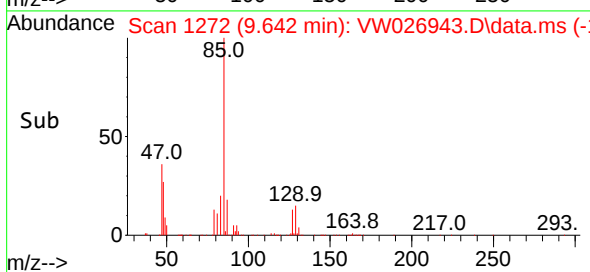
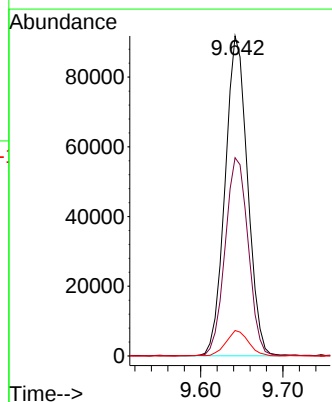
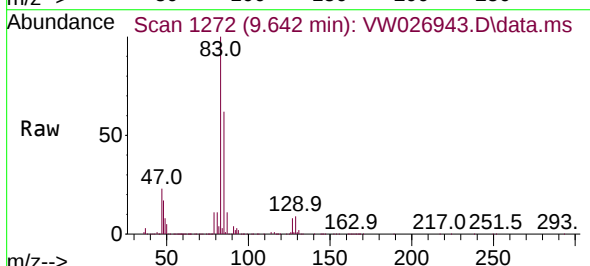
Tgt Ion: 83 Resp: 174197

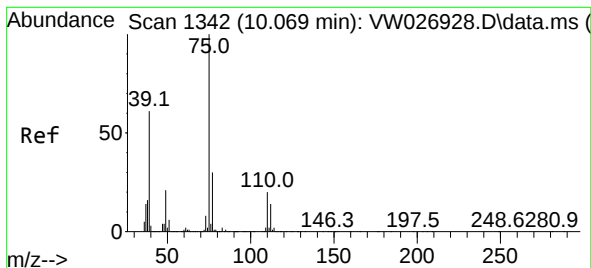
Ion Ratio Lower Upper

83 100

85 61.9 45.4 84.2

127 7.9 6.2 9.2

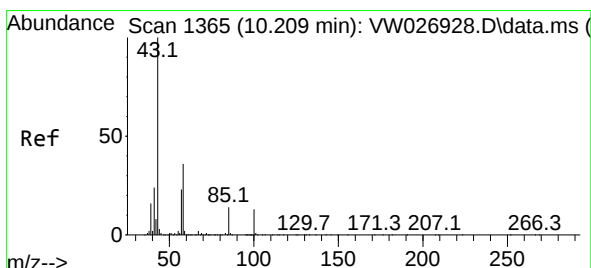
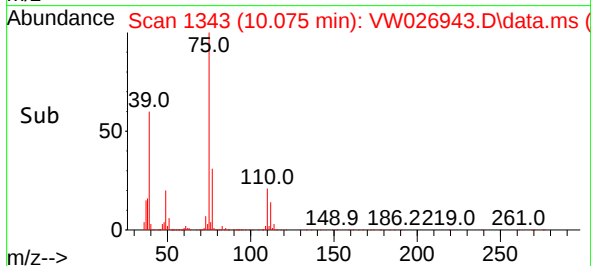
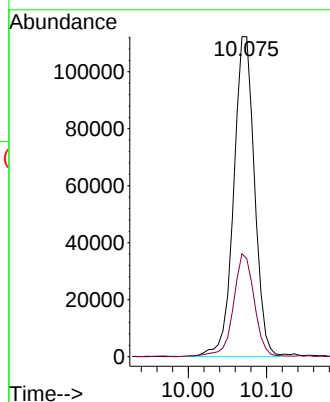
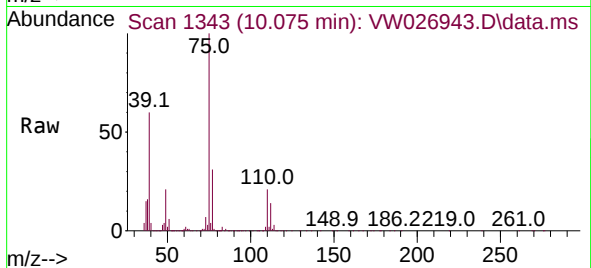




#39
 cis-1,3-Dichloropropene
 Concen: 25.932 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW026943.D
 Acq: 29 Aug 2023 10:10

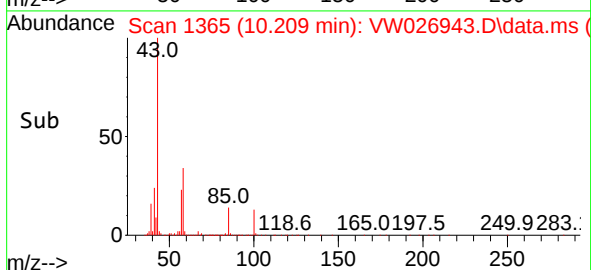
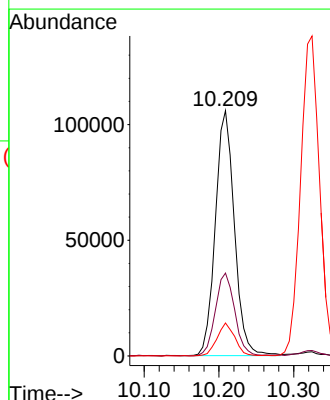
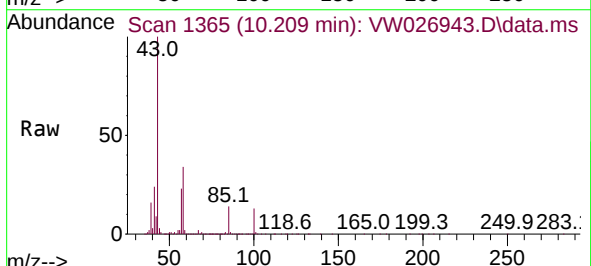
Instrument :
 MSVOA_W
 ClientSampleId :

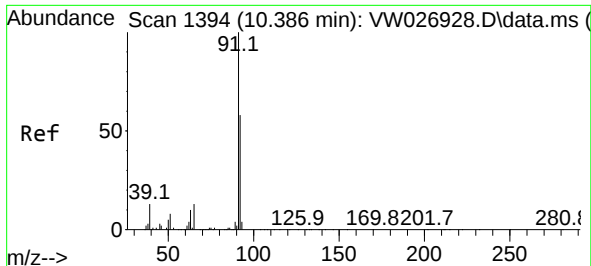
Tgt Ion: 75 Resp: 207221
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 51.973 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026943.D
 Acq: 29 Aug 2023 10:10

Tgt Ion: 43 Resp: 187787
 Ion Ratio Lower Upper
 43 100
 58 34.1 29.2 43.8
 100 12.6 10.7 16.1

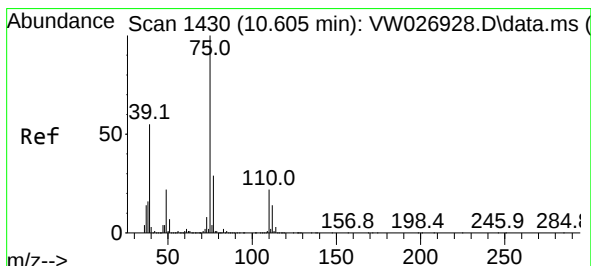
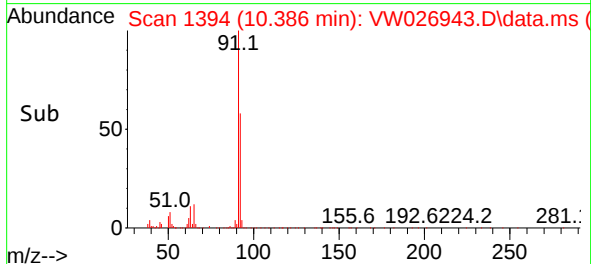
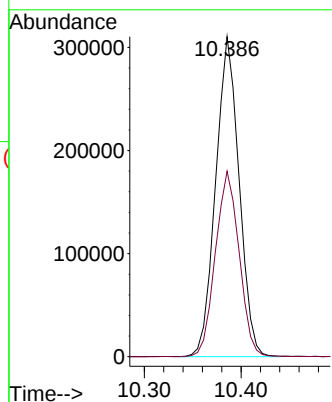
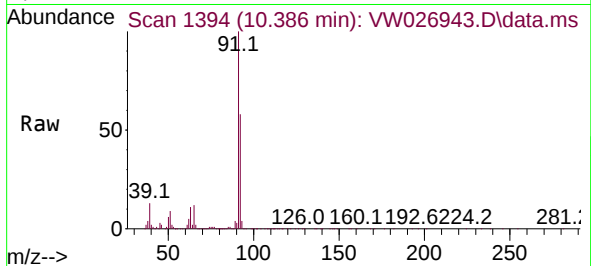




#42
Toluene
Concen: 25.440 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

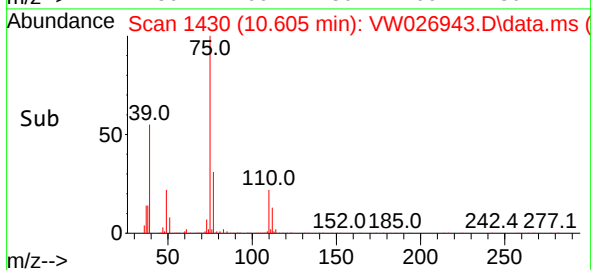
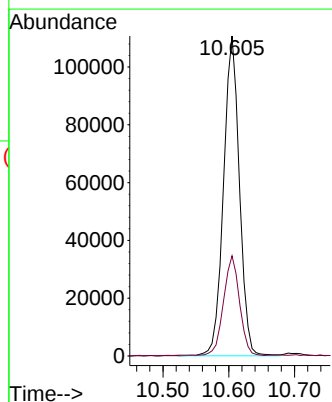
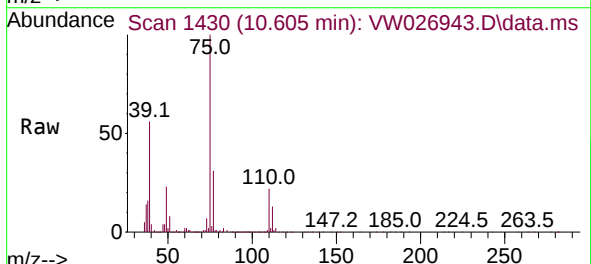
Instrument :
MSVOA_W
ClientSampleId :

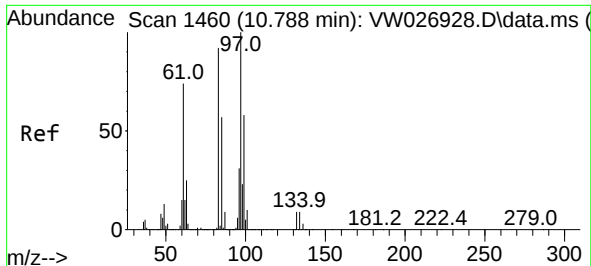
Tgt Ion: 91 Resp: 521887
Ion Ratio Lower Upper
91 100
92 58.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 27.080 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion: 75 Resp: 186257
Ion Ratio Lower Upper
75 100
77 31.3 21.2 39.4

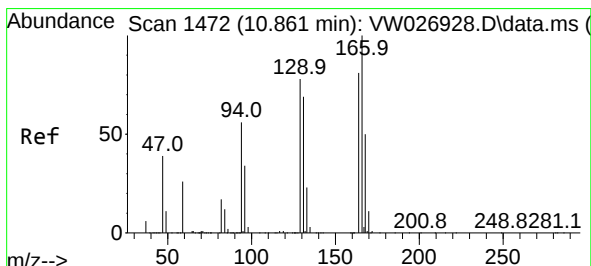
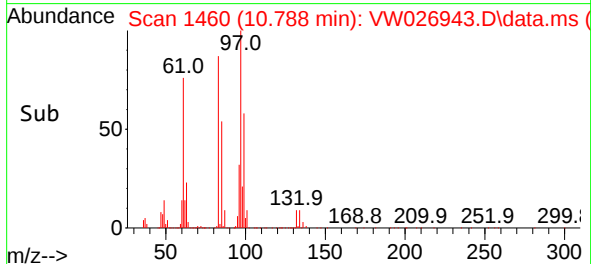
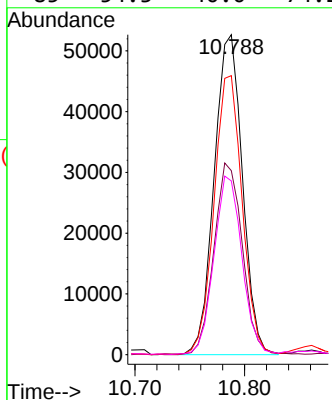
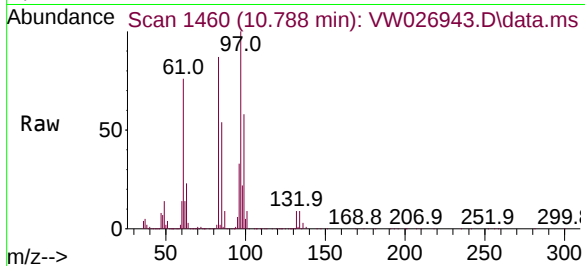




#45
1,1,2-Trichloroethane
Concen: 24.836 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

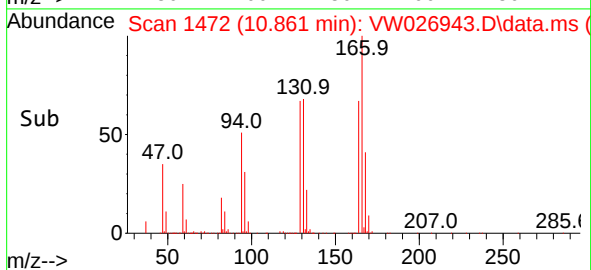
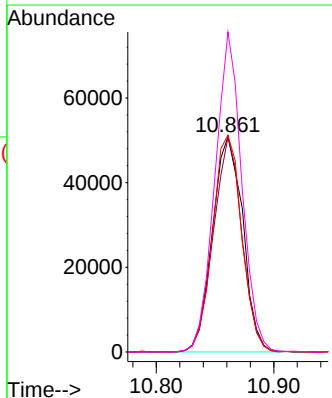
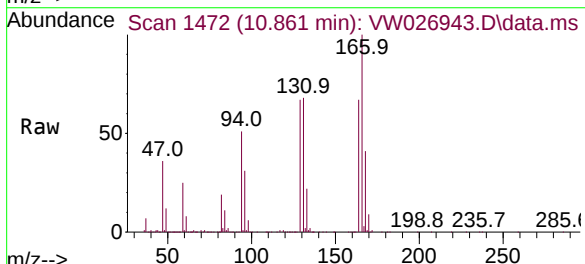
Instrument :
MSVOA_W
ClientSampleId :

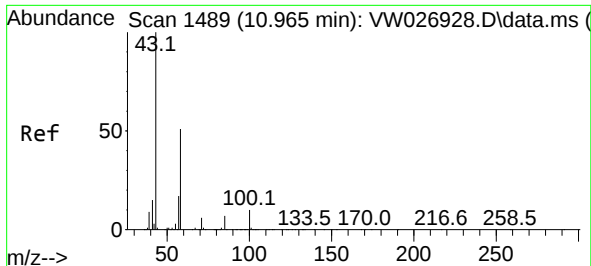
Tgt Ion: 97	Resp: 94350
Ion Ratio	Lower Upper
97 100	
99 57.5	44.2 82.0
83 87.2	61.9 114.9
85 54.3	40.0 74.2



#46
Tetrachloroethene
Concen: 24.255 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

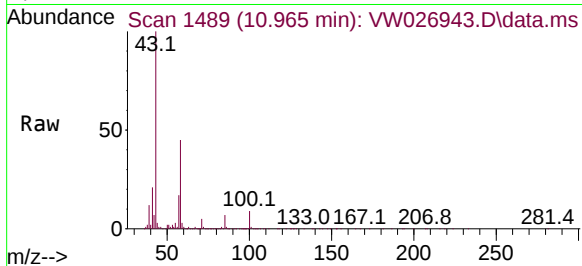
Tgt	Ion:164	Resp:	91013
Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.1	126.5
131	100.7	65.5	121.7
166	148.6	89.1	165.5





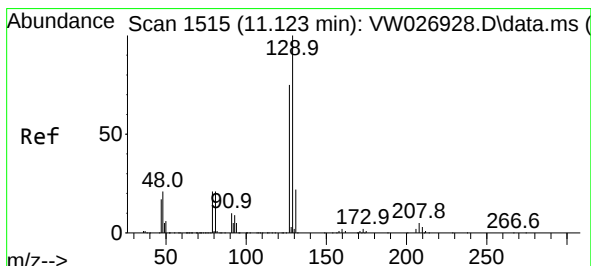
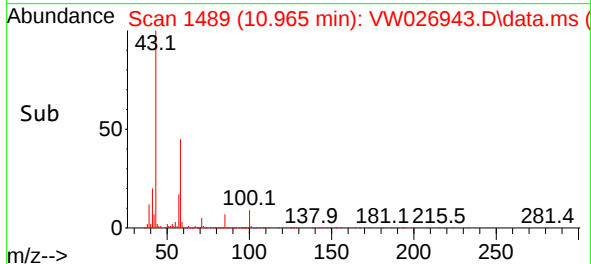
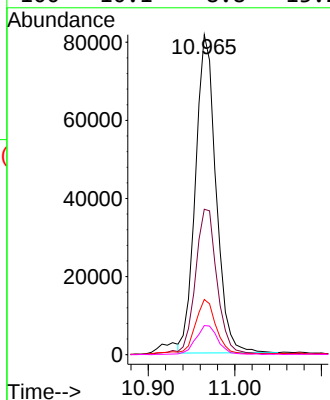
#48
2-Hexanone
Concen: 54.707 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 134501

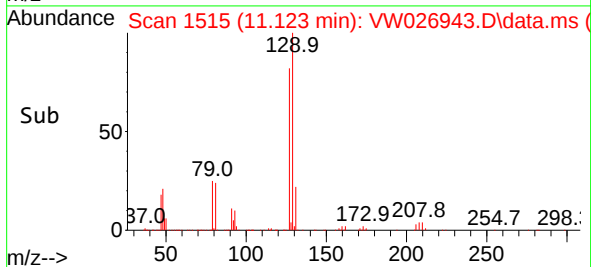
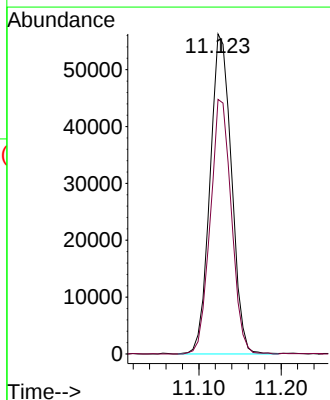
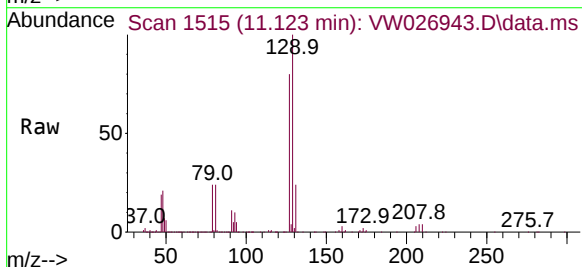
Ion	Ratio	Lower	Upper
43	100		
58	48.4	41.1	61.7
57	17.4	14.3	21.5
100	10.1	8.8	13.2

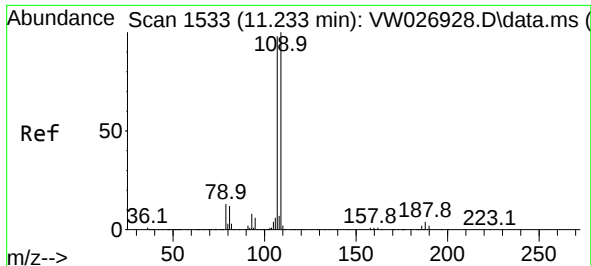


#49
Dibromochloromethane
Concen: 25.707 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion: 129 Resp: 102142

Ion	Ratio	Lower	Upper
129	100		
127	79.5	56.6	105.2





#50

1,2-Dibromoethane

Concen: 23.102 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026943.D

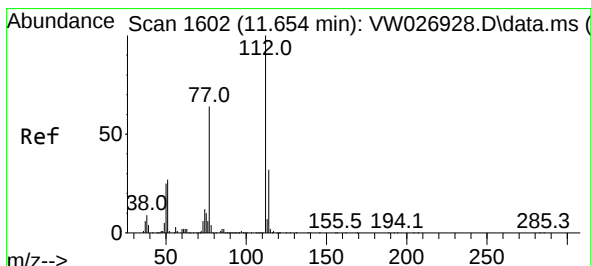
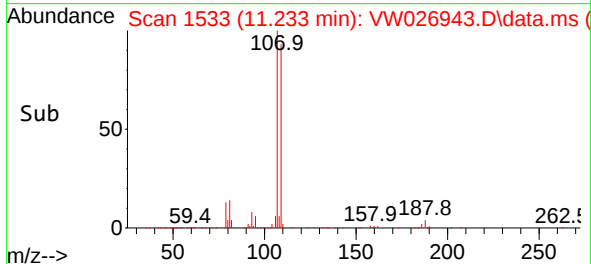
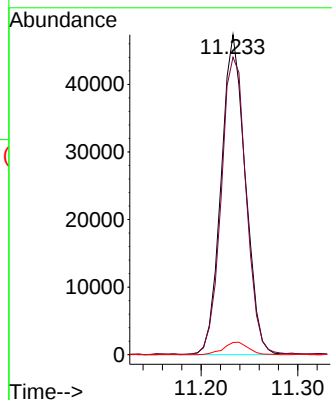
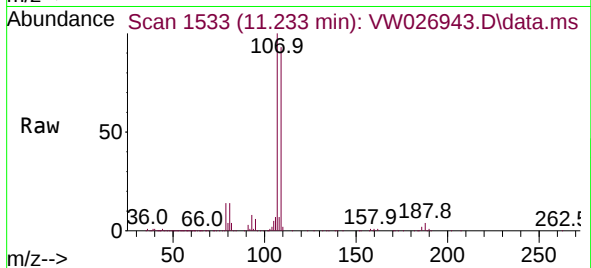
Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	82346
Ion Ratio	Lower	Upper
107	100	
109	93.0	68.8 127.8
188	4.0	2.7 4.1



#51

Chlorobenzene

Concen: 25.174 ug/L

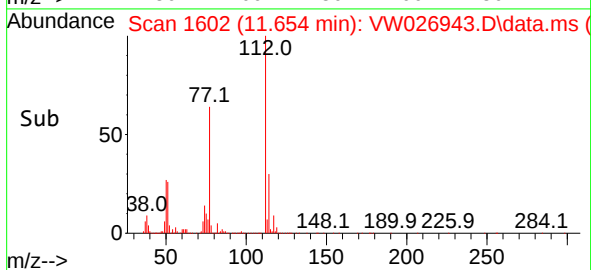
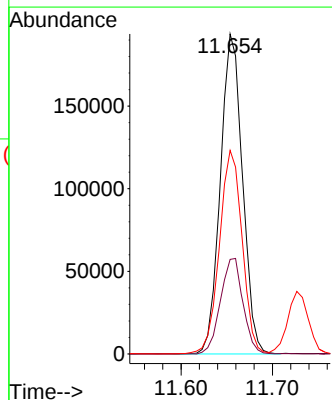
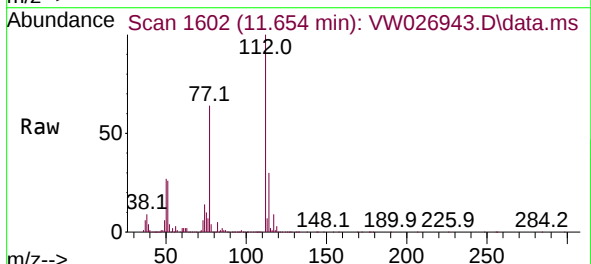
RT: 11.654 min Scan# 1602

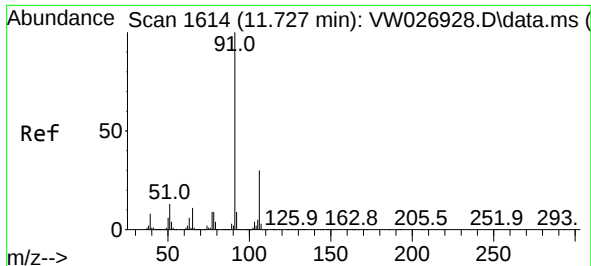
Delta R.T. -0.006 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Tgt Ion:112	Resp:	326207
Ion Ratio	Lower	Upper
112	100	
114	29.6	22.4 41.6
77	63.6	50.2 75.2

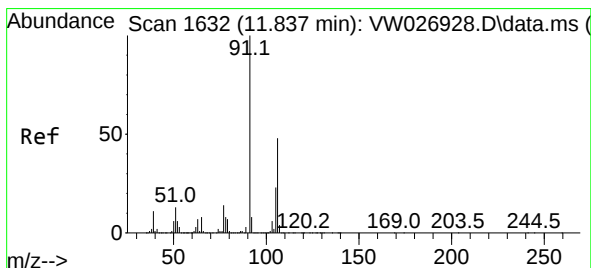
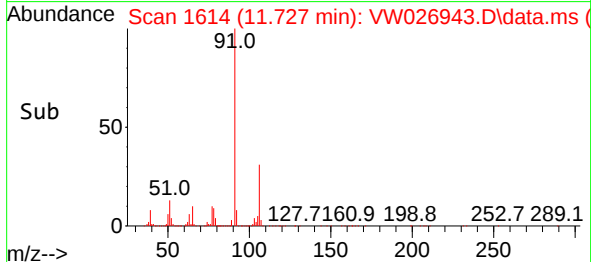
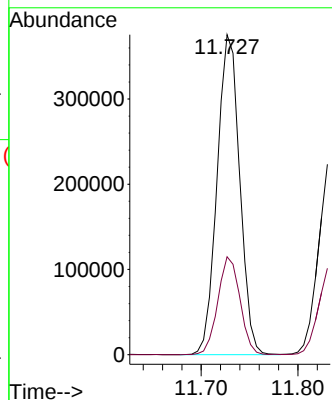
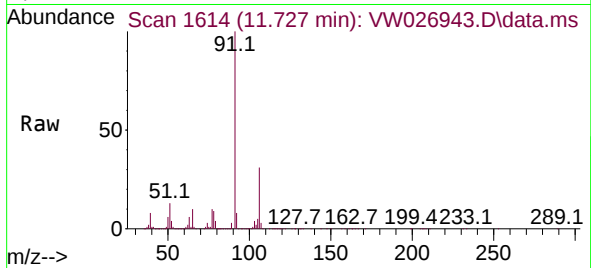




#52
Ethylbenzene
Concen: 26.500 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

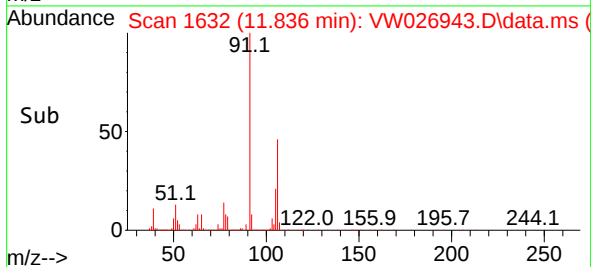
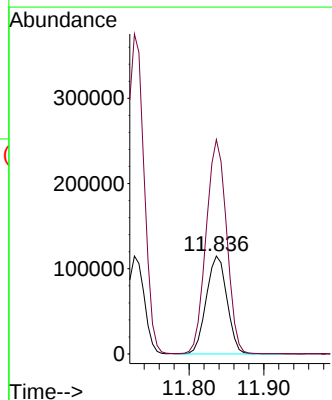
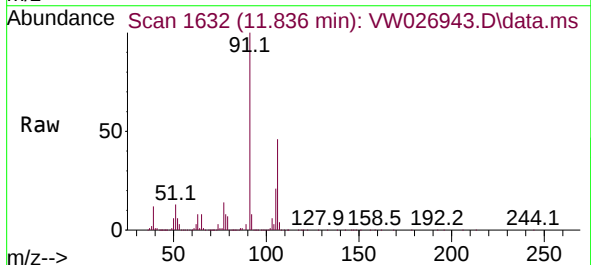
Instrument :
MSVOA_W
ClientSampleId :

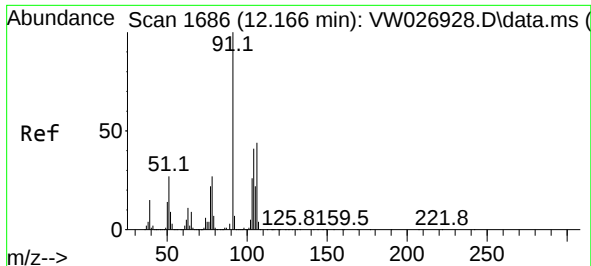
Tgt Ion: 91 Resp: 609621
Ion Ratio Lower Upper
91 100
106 30.6 20.2 37.6



#53
m,p-Xylene
Concen: 25.876 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion:106 Resp: 220526
Ion Ratio Lower Upper
106 100
91 218.9 152.9 284.1

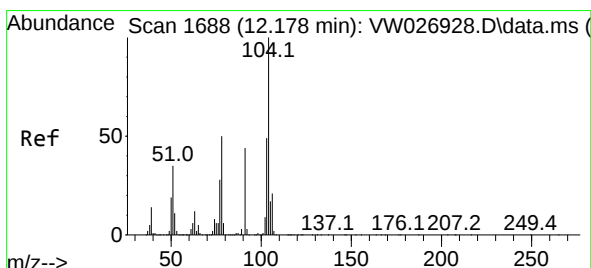
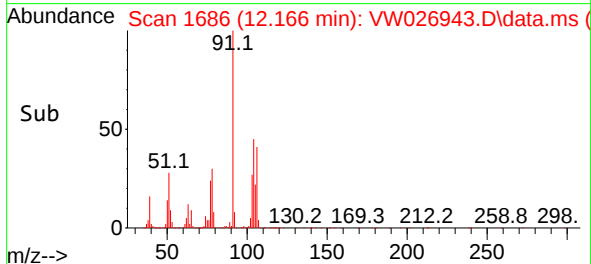
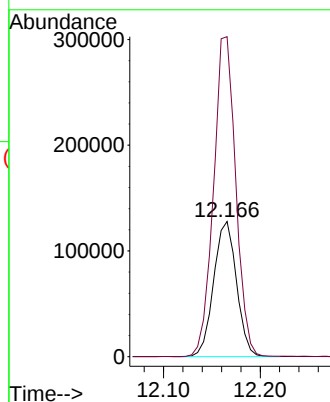
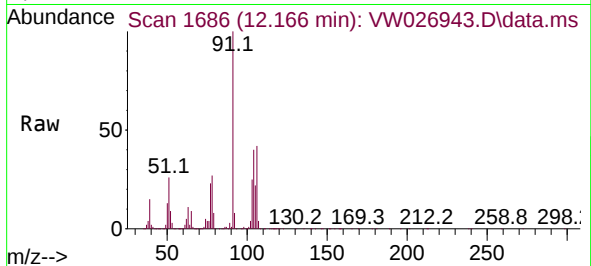




#54
o-Xylene
Concen: 26.365 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

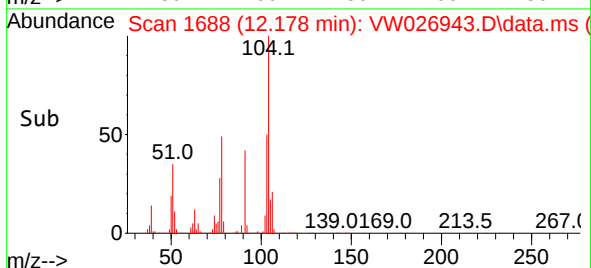
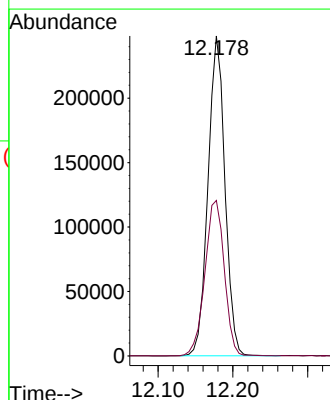
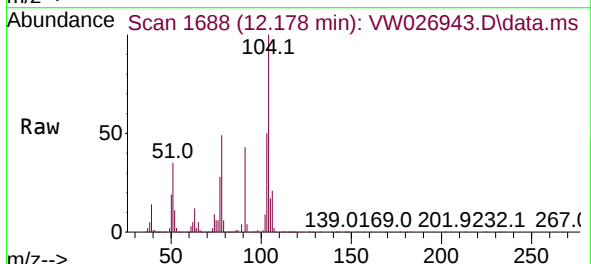
Instrument :
MSVOA_W
ClientSampleId :

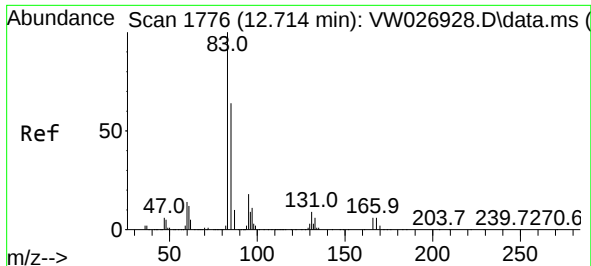
Tgt Ion:106 Resp: 209708
Ion Ratio Lower Upper
106 100
91 236.7 149.9 278.3



#55
Styrene
Concen: 28.205 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

Tgt Ion:104 Resp: 390075
Ion Ratio Lower Upper
104 100
78 48.6 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.284 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

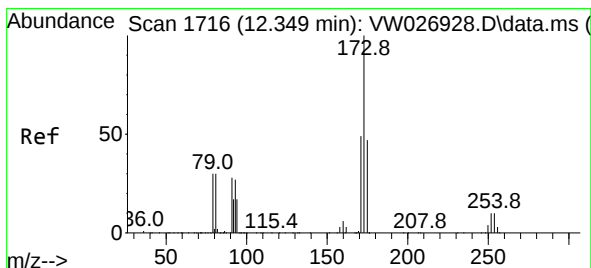
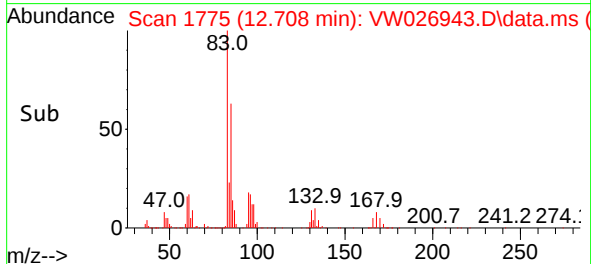
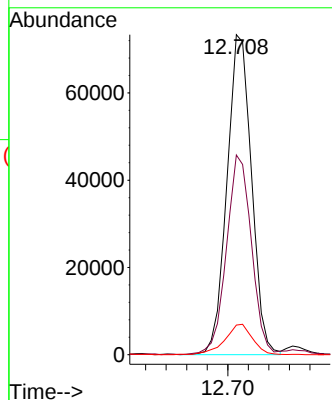
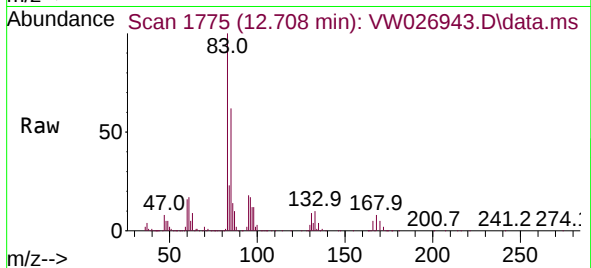
Tgt Ion: 83 Resp: 121647

Ion Ratio Lower Upper

83 100

85 62.4 44.9 83.3

131 9.3 7.4 11.0



#59

Bromoform

Concen: 23.329 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

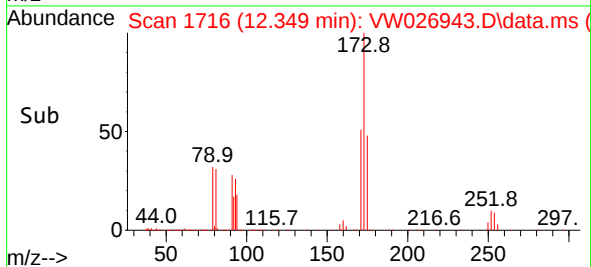
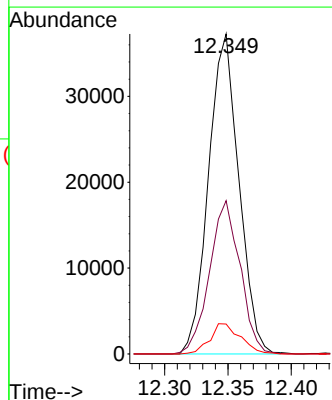
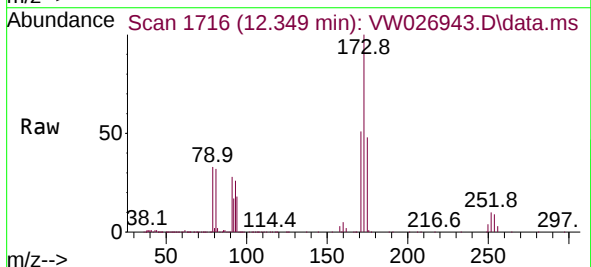
Tgt Ion: 173 Resp: 62117

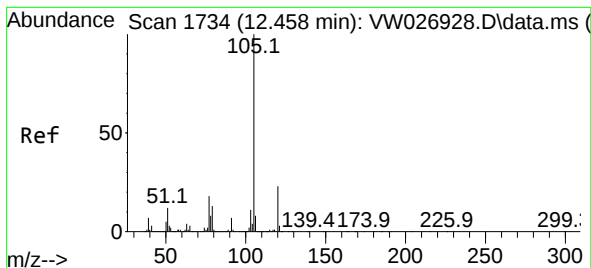
Ion Ratio Lower Upper

173 100

175 48.3 36.6 55.0

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 24.440 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

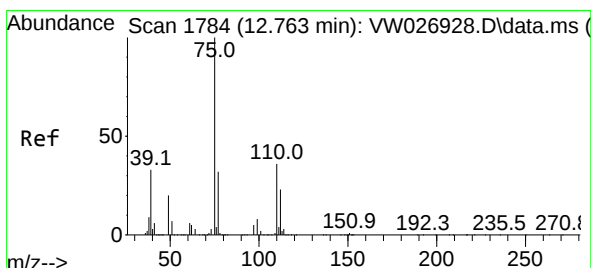
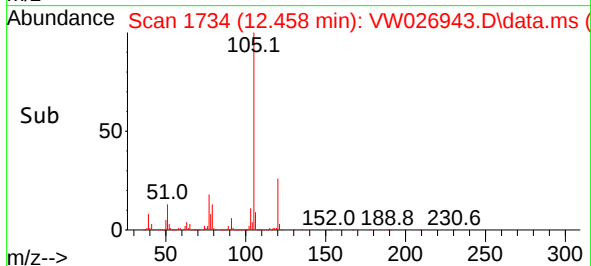
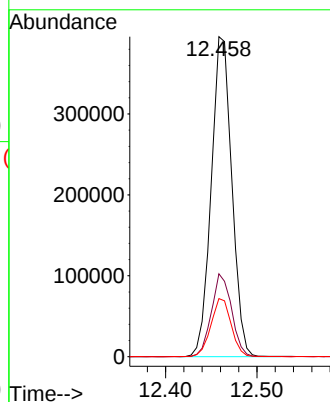
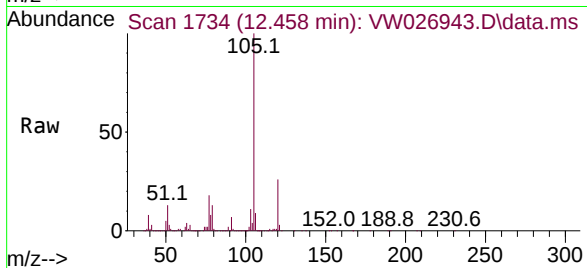
Tgt Ion:105 Resp: 617646

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.6

77 17.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.523 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

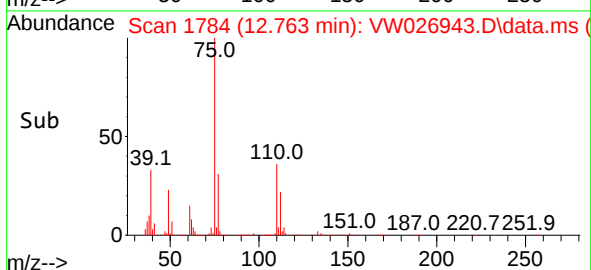
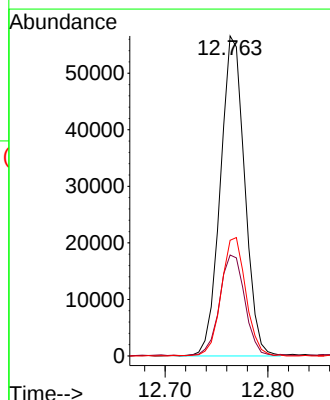
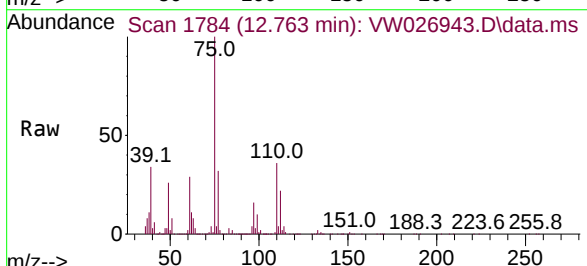
Tgt Ion: 75 Resp: 92865

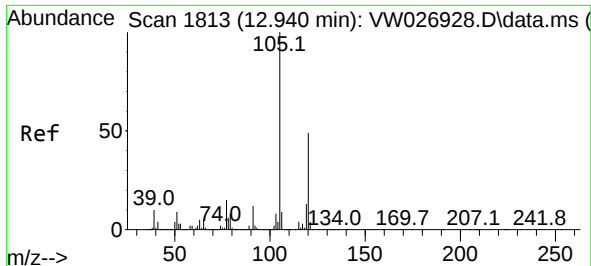
Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1

110 37.4 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 25.802 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

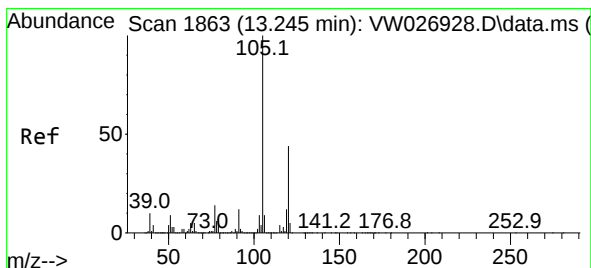
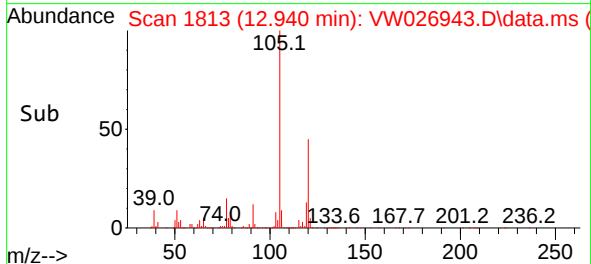
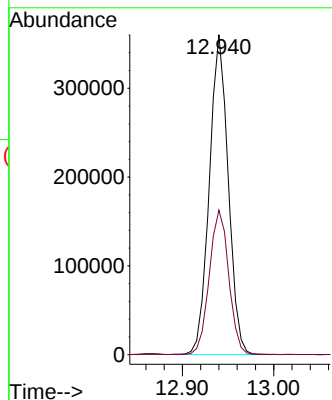
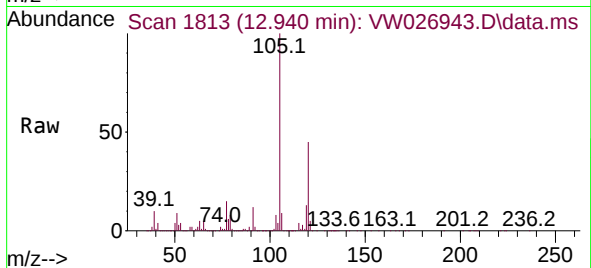
ClientSampleId :

Tgt Ion:105 Resp: 515393

Ion Ratio Lower Upper

105 100

120 46.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.126 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026943.D

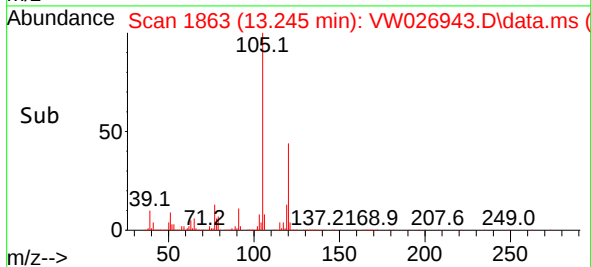
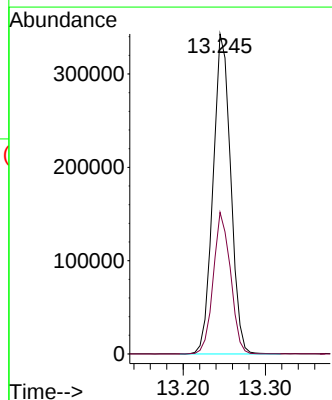
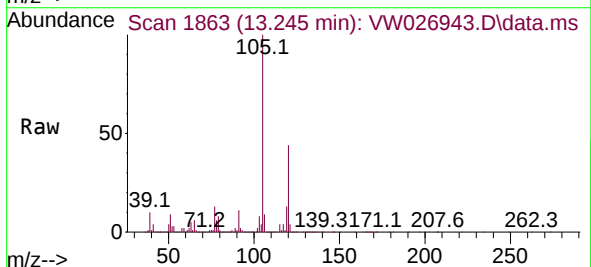
Acq: 29 Aug 2023 10:10

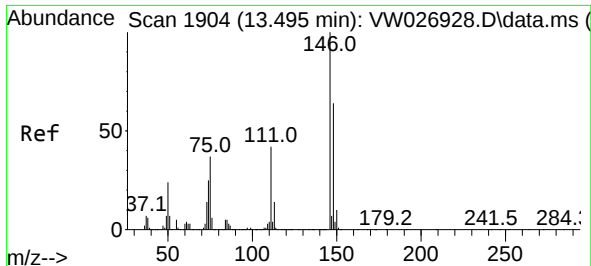
Tgt Ion:105 Resp: 511394

Ion Ratio Lower Upper

105 100

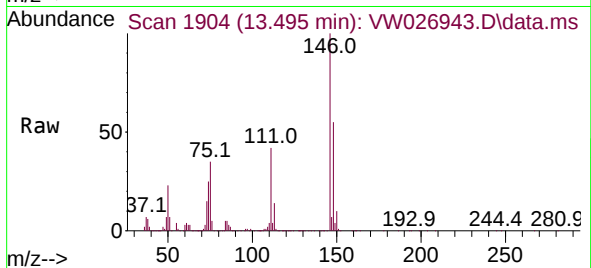
120 43.2 36.2 54.4



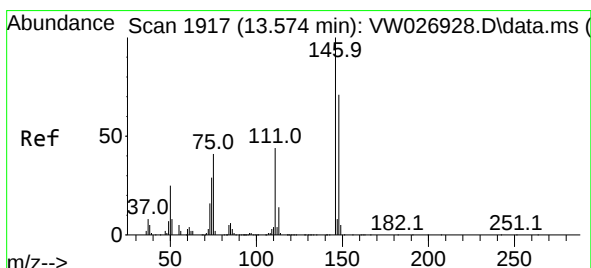
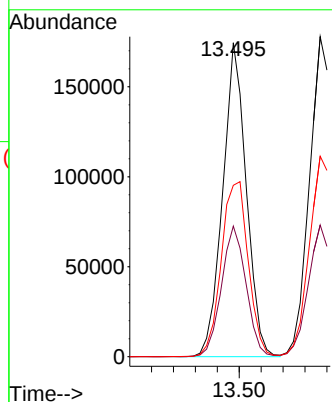
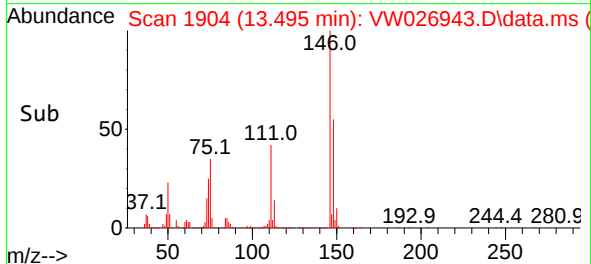


#64
1,3-Dichlorobenzene
Concen: 23.682 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10

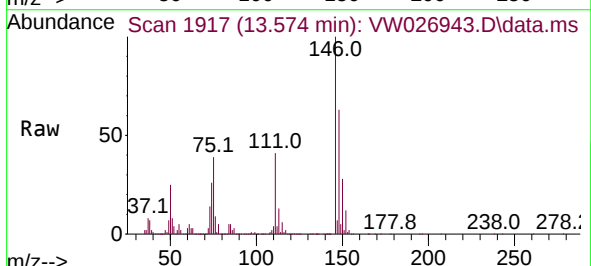
Instrument :
MSVOA_W
ClientSampleId :



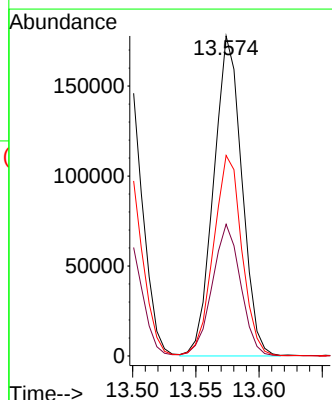
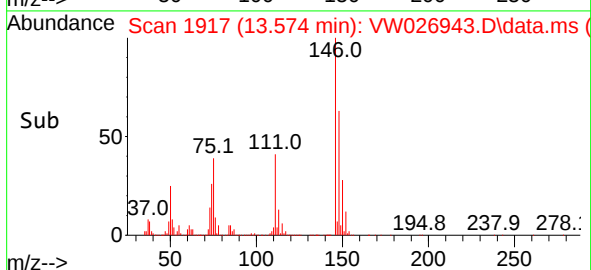
Tgt Ion:146 Resp: 260279
Ion Ratio Lower Upper
146 100
111 41.6 29.1 54.1
148 54.6 38.8 72.0

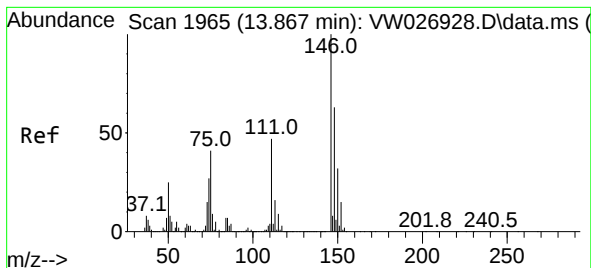


#65
1,4-Dichlorobenzene
Concen: 24.007 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026943.D
Acq: 29 Aug 2023 10:10



Tgt Ion:146 Resp: 275354
Ion Ratio Lower Upper
146 100
111 41.1 28.3 52.7
148 62.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 24.145 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

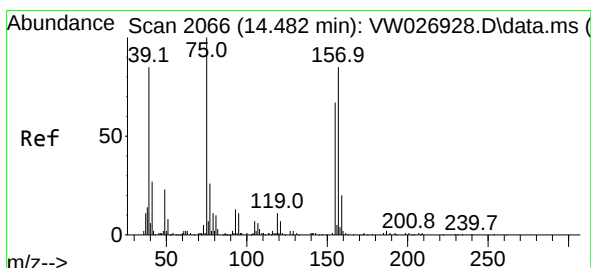
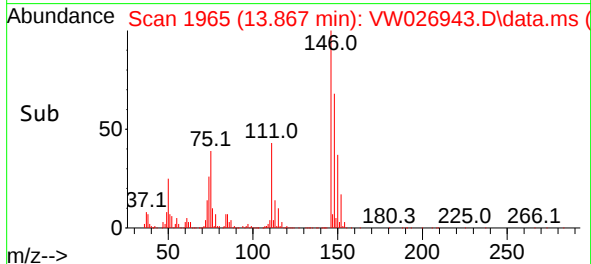
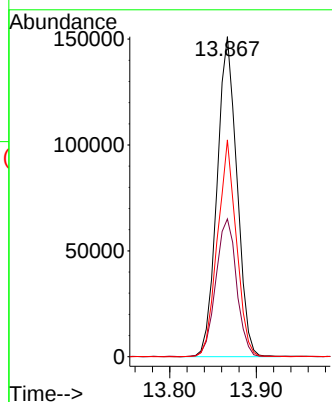
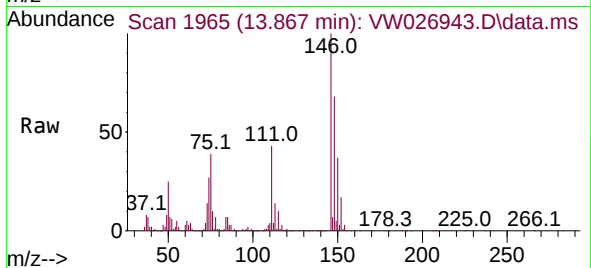
Tgt Ion:146 Resp: 241315

Ion Ratio Lower Upper

146 100

111 43.1 34.6 52.0

148 67.8 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.723 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

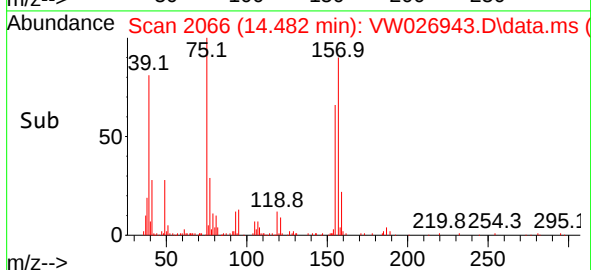
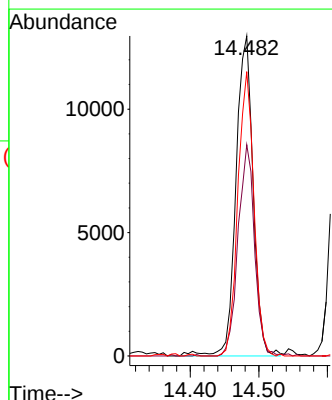
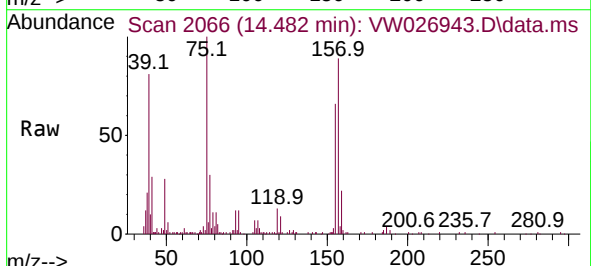
Tgt Ion: 75 Resp: 22586

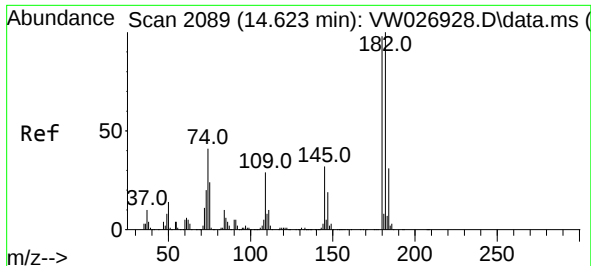
Ion Ratio Lower Upper

75 100

155 66.0 55.0 82.6

157 88.8 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 25.766 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 191317

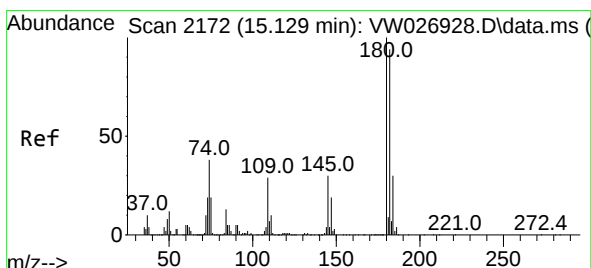
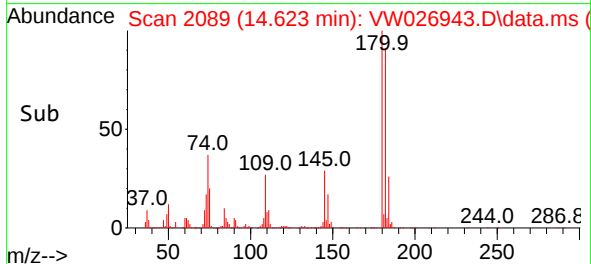
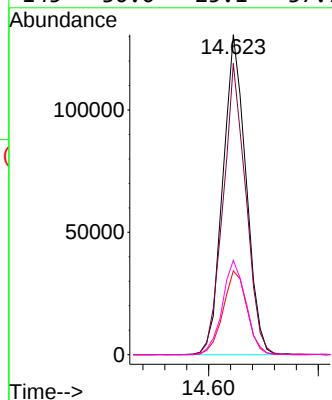
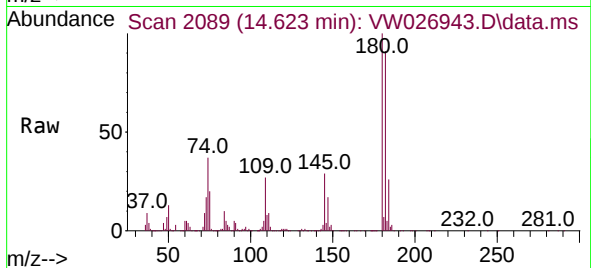
Ion Ratio Lower Upper

180 100

182 89.3 75.2 112.8

184 27.1 23.8 35.8

145 30.0 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 24.465 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

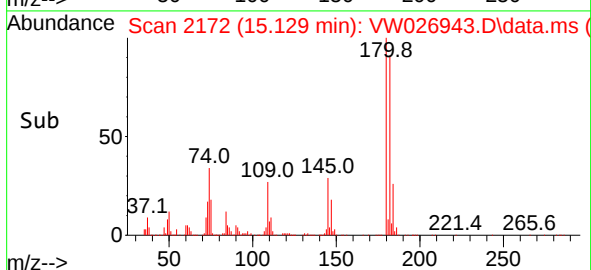
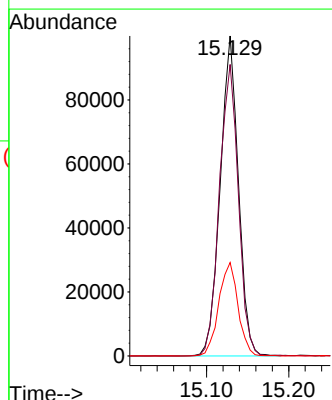
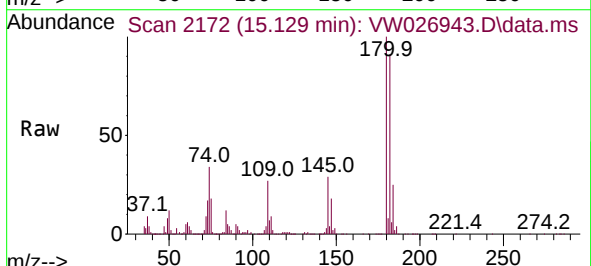
Tgt Ion:180 Resp: 154017

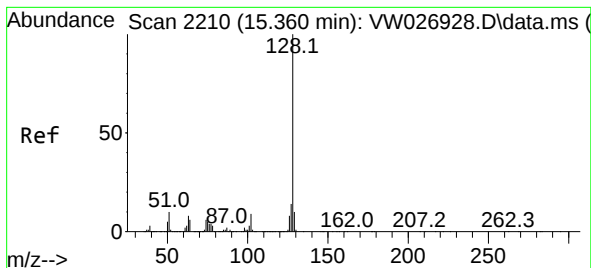
Ion Ratio Lower Upper

180 100

182 94.1 72.5 108.7

145 30.9 24.7 37.1





#71

Naphthalene

Concen: 23.997 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

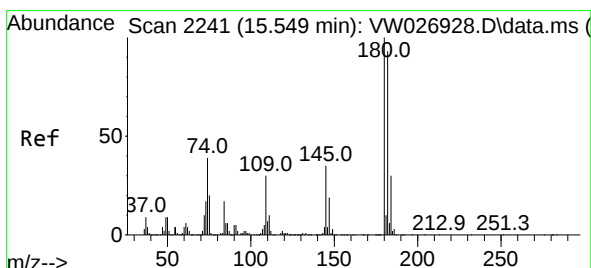
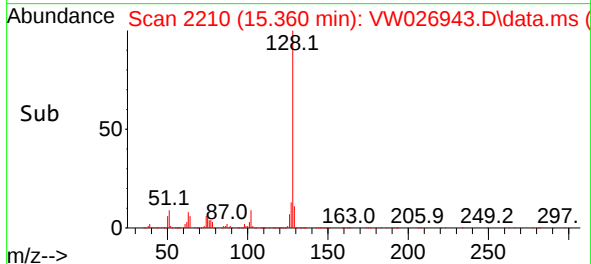
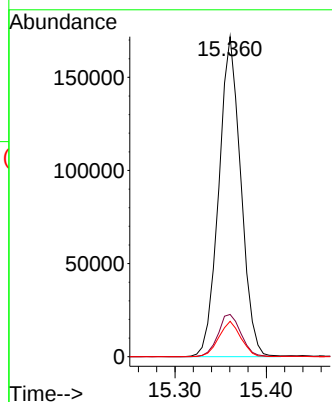
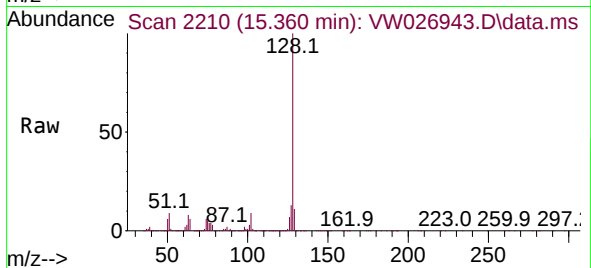
Tgt Ion:128 Resp: 288179

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.989 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026943.D

Acq: 29 Aug 2023 10:10

Tgt Ion:180 Resp: 141895

Ion Ratio Lower Upper

180 100

182 90.9 74.6 112.0

145 32.9 27.0 40.6

