

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026994.D
 Acq On : 05 Sep 2023 14:08
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 06 02:03:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:54:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	585645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	580603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	299322	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	255248	24.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.600%
7) Chloroethane-d5	2.893	69	215522	25.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.080%
11) 1,1-Dichloroethene-d2	4.021	65	93077	24.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.560%
21) 2-Butanone-d5	7.075	46	101745	50.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.940%
24) Chloroform-d	7.648	84	456128	26.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.680%
26) 1,2-Dichloroethane-d4	8.301	65	231418	25.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.040%
32) Benzene-d6	8.270	84	968969	25.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	9.270	67	284760	25.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.880%
41) Toluene-d8	10.319	98	857780	24.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.520%
43) trans-1,3-Dichloroprop...	10.575	79	108061	24.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.640%
47) 2-Hexanone-d5	10.922	63	56346	53.983	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	226679	26.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.520%
66) 1,2-Dichlorobenzene-d4	13.855	152	290633	28.074	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	130680	19.397	ug/L #	85
3) Chloromethane	2.229	50	287477	28.290	ug/L	99
5) Vinyl chloride	2.375	62	309437	26.695	ug/L	98
6) Bromomethane	2.783	94	208715	27.283	ug/L	99
8) Chloroethane	2.930	64	202257	27.808	ug/L	99
9) Trichlorofluoromethane	3.259	101	155831	23.172	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	213179	25.525	ug/L	91
12) 1,1-Dichloroethene	4.051	96	217986	26.344	ug/L	96
13) Acetone	4.119	43	82653	46.823	ug/L	99
14) Carbon disulfide	4.393	76	737180	27.777	ug/L	98
15) Methyl Acetate	4.667	43	109147	29.739	ug/L #	90
16) Methylene chloride	4.917	84	275936	24.320	ug/L	97
17) trans-1,2-Dichloroethene	5.417	96	250059	27.611	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	364245	28.883	ug/L	99
19) 1,1-Dichloroethane	6.216	63	482210	28.246	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	271750	27.267	ug/L	98
22) 2-Butanone	7.167	43	143872	50.654	ug/L	100
23) Bromochloromethane	7.508	128	120942	27.963	ug/L	88
25) Chloroform	7.673	83	475577	28.403	ug/L	96

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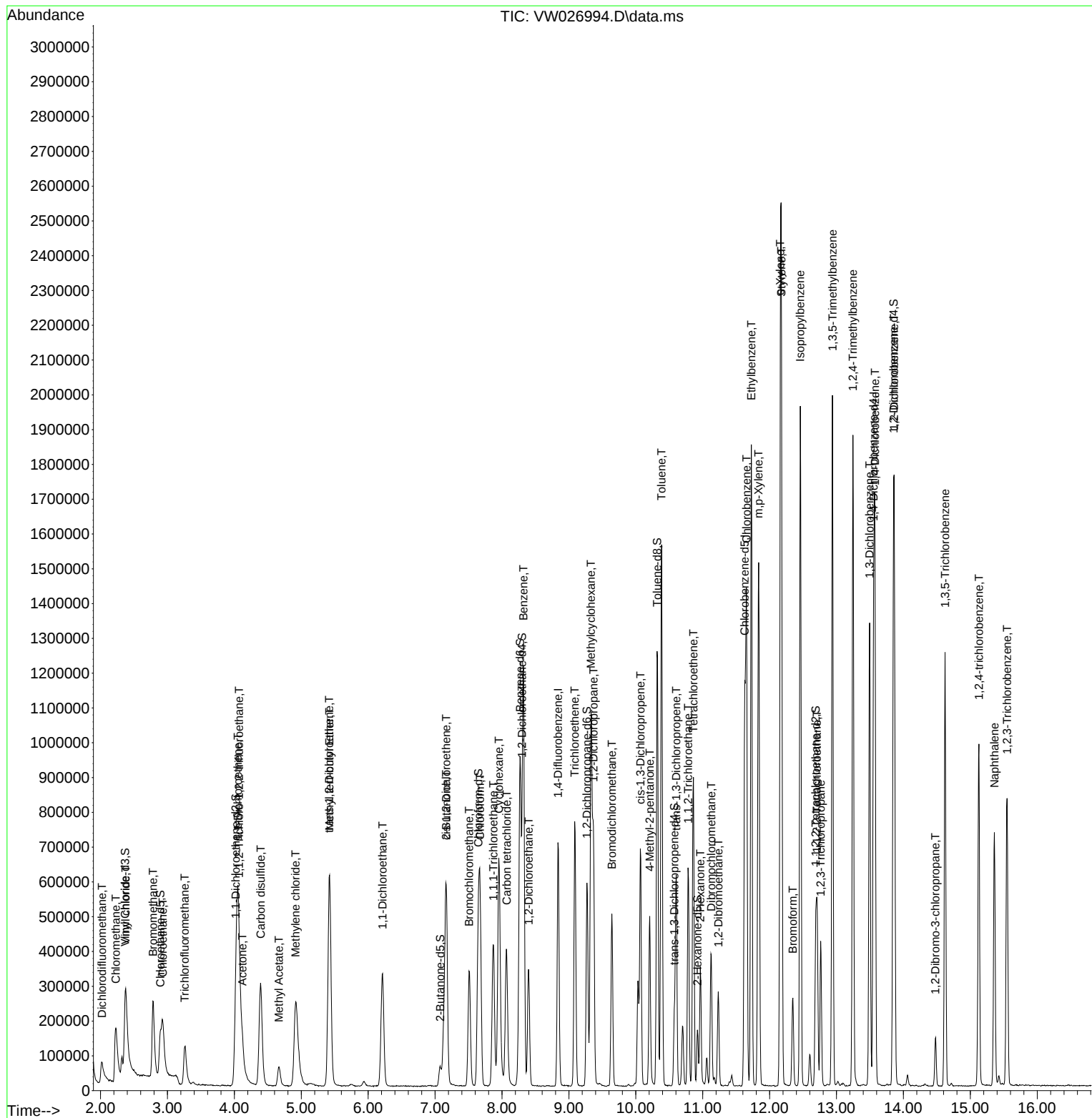
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	306775	28.988	ug/L	100
29) Cyclohexane	7.953	56	408694	26.999	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	347311	26.408	ug/L	100
31) Carbon tetrachloride	8.069	117	312816	26.687	ug/L	100
33) Benzene	8.319	78	1086766	27.370	ug/L	100
34) Trichloroethene	9.087	95	269558	26.421	ug/L	93
35) Methylcyclohexane	9.331	83	463229	26.724	ug/L	99
37) 1,2-Dichloropropane	9.368	63	286004	28.226	ug/L	100
38) Bromodichloromethane	9.642	83	337813	28.309	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	416012	27.656	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	310267	59.310	ug/L	98
42) Toluene	10.386	91	1149337	28.127	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	340131	27.845	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	198719	27.224	ug/L	97
46) Tetrachloroethene	10.861	164	207407	26.632	ug/L	90
48) 2-Hexanone	10.965	43	209140	58.662	ug/L	99
49) Dibromochloromethane	11.129	129	205276	27.300	ug/L	87
50) 1,2-Dibromoethane	11.233	107	183297	27.737	ug/L	95
51) Chlorobenzene	11.654	112	727389	27.636	ug/L	97
52) Ethylbenzene	11.727	91	1284812	28.362	ug/L	99
53) m,p-Xylene	11.837	106	482940	28.183	ug/L	92
54) o-Xylene	12.160	106	452786	28.239	ug/L	99
55) Styrene	12.178	104	801220	29.279	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	241963	28.020	ug/L	95
59) Bromoform	12.349	173	113142	26.579	ug/L	91
60) Isopropylbenzene	12.458	105	1214212	29.612	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	171596	29.968	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1008461	30.821	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	990041	30.949	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	532626	28.554	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	555232	29.285	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	495424	29.478	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	36864	28.390	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	375492	28.978	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	313552	29.720	ug/L	93
71) Naphthalene	15.360	128	611007	32.730	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	286073	29.911	ug/L	98

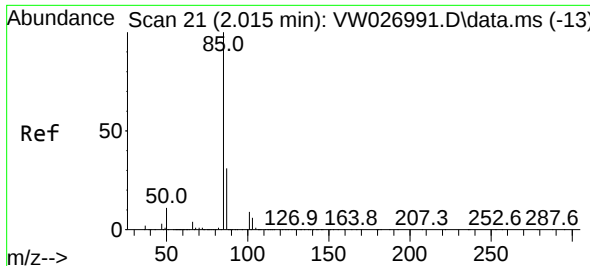
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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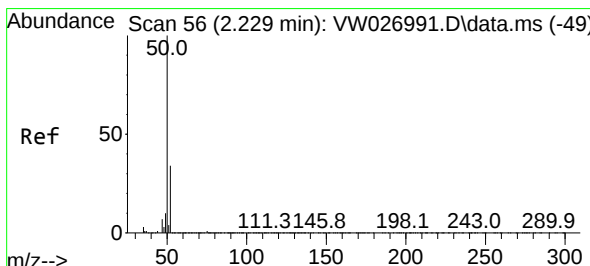
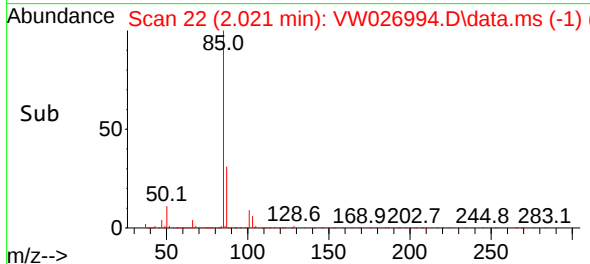
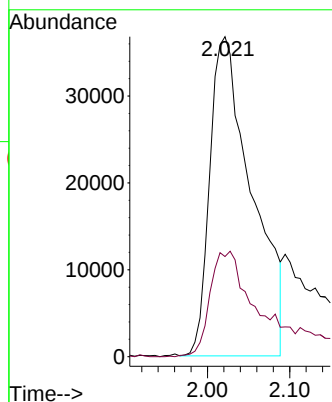
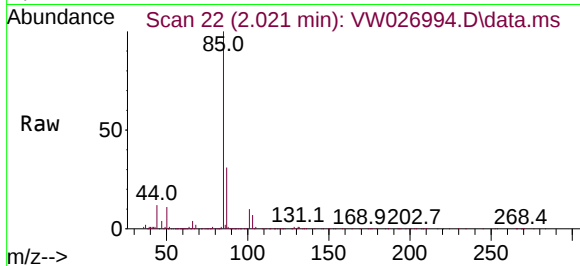




#2
 Dichlorodifluoromethane
 Concen: 19.397 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026994.D
 Acq: 05 Sep 2023 14:08

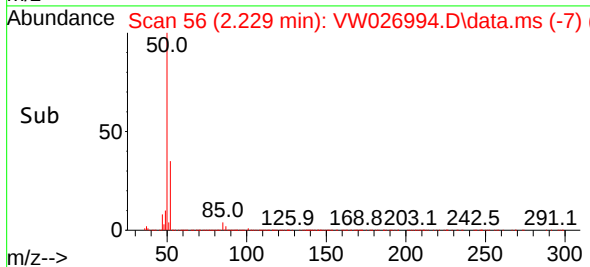
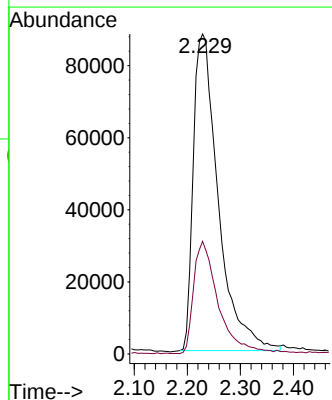
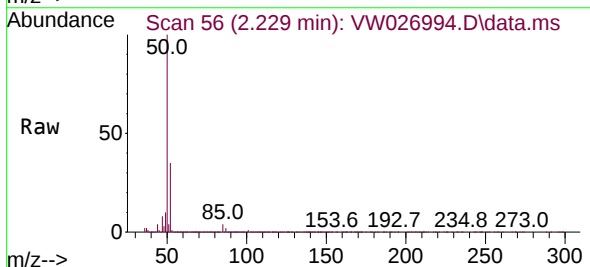
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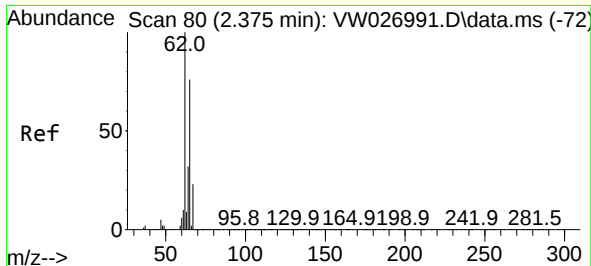
Tgt Ion: 85 Resp: 130680
 Ion Ratio Lower Upper
 85 100
 87 31.3 19.1 28.7#



#3
 Chloromethane
 Concen: 28.290 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026994.D
 Acq: 05 Sep 2023 14:08

Tgt Ion: 50 Resp: 287477
 Ion Ratio Lower Upper
 50 100
 52 35.2 24.1 44.7

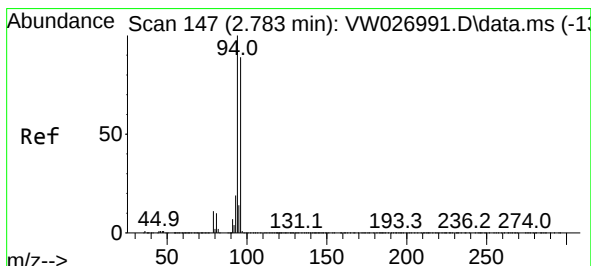
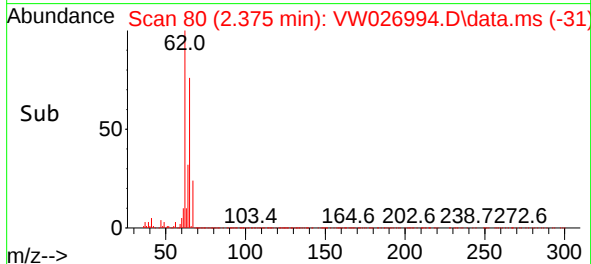
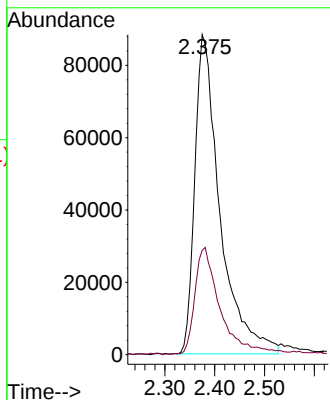
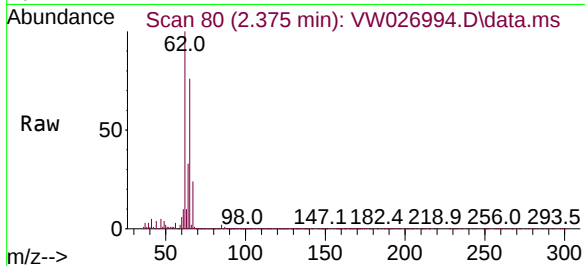




#5
 Vinyl chloride
 Concen: 26.695 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026994.D
 Acq: 05 Sep 2023 14:08

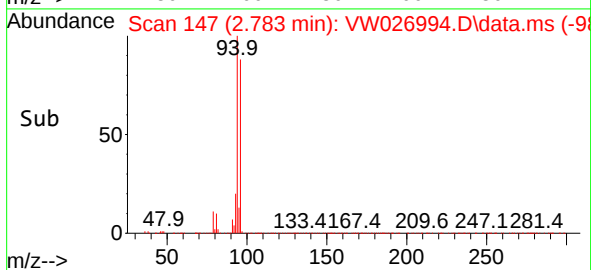
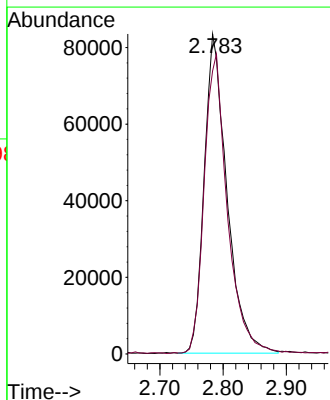
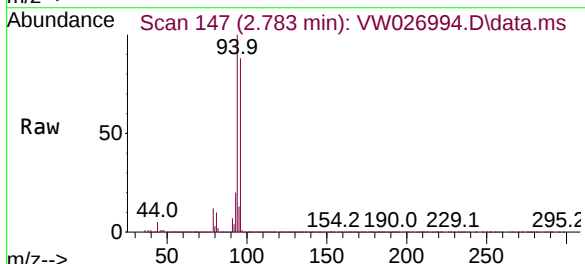
Instrument :
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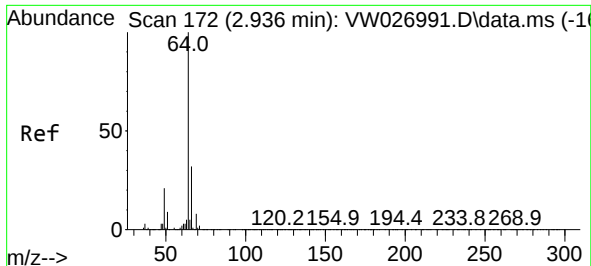
Tgt Ion: 62 Resp: 309437
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.3



#6
 Bromomethane
 Concen: 27.283 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026994.D
 Acq: 05 Sep 2023 14:08

Tgt Ion: 94 Resp: 208715
 Ion Ratio Lower Upper
 94 100
 96 88.4 62.6 116.2

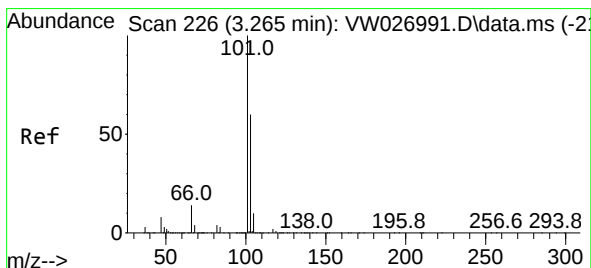
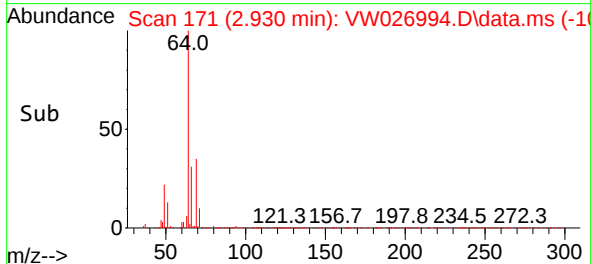
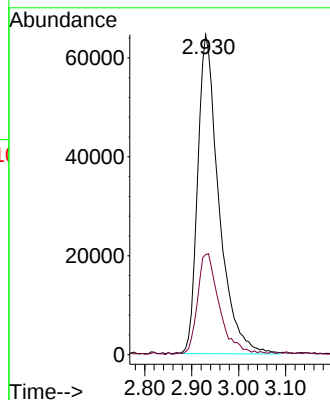
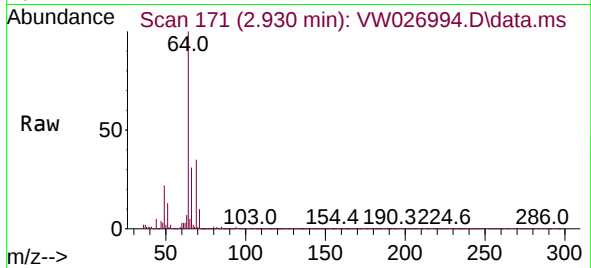




#8
Chloroethane
Concen: 27.808 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

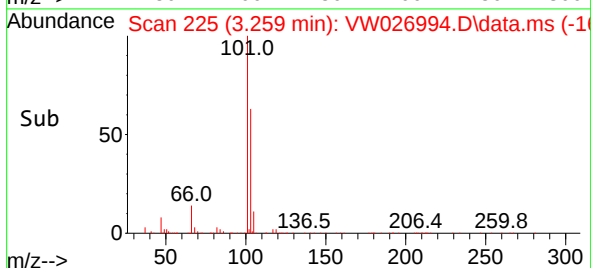
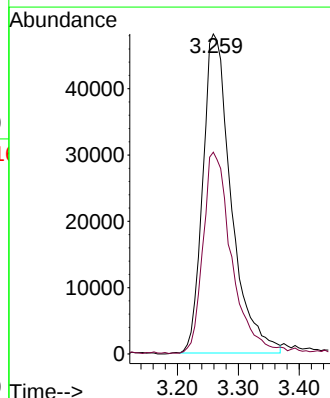
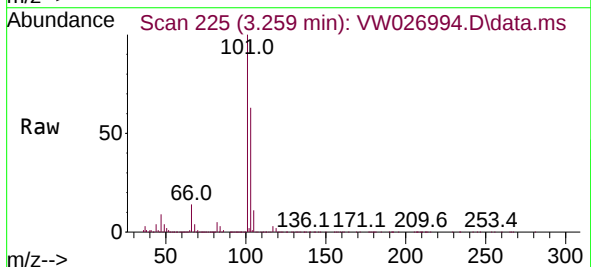
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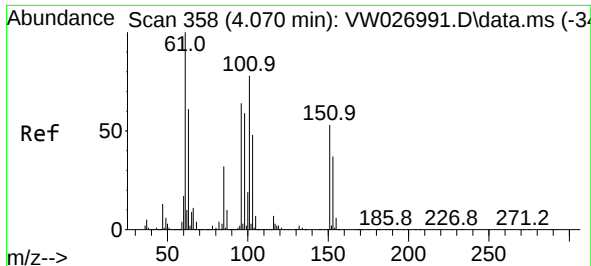
Tgt Ion: 64 Resp: 202257
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.7



#9
Trichlorofluoromethane
Concen: 23.172 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 101 Resp: 155831
Ion Ratio Lower Upper
101 100
103 62.7 50.2 75.4

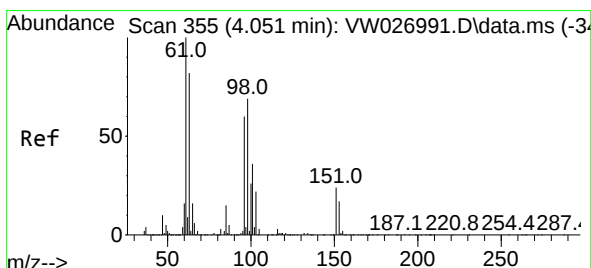
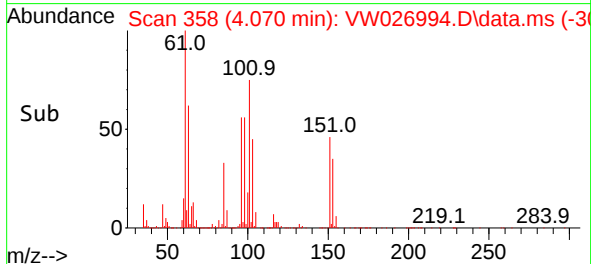
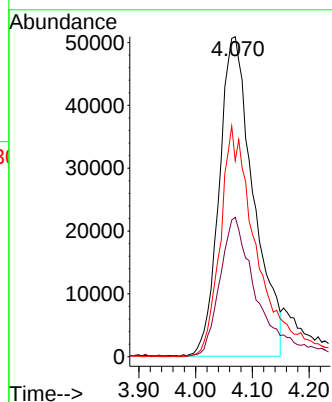
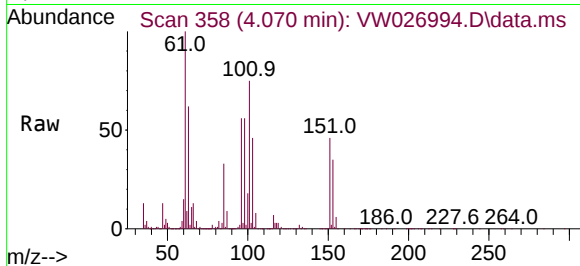




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.525 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026994.D
 Acq: 05 Sep 2023 14:08

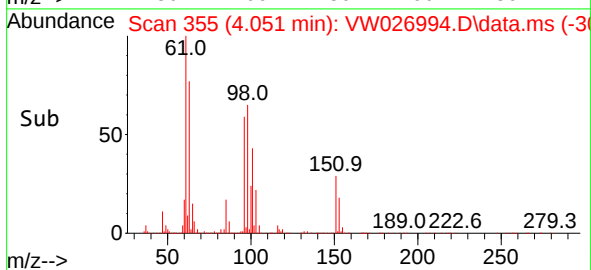
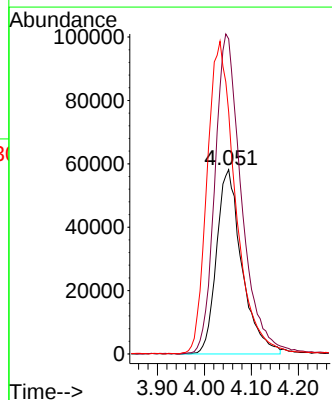
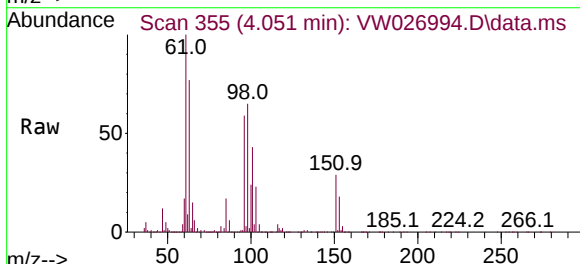
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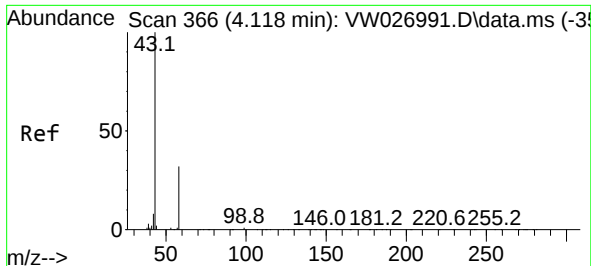
Tgt Ion:101 Resp: 213179
 Ion Ratio Lower Upper
 101 100
 85 45.2 31.1 46.7
 151 74.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.344 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026994.D
 Acq: 05 Sep 2023 14:08

Tgt Ion: 96 Resp: 217986
 Ion Ratio Lower Upper
 96 100
 61 170.9 117.0 217.4
 63 131.3 97.3 180.7

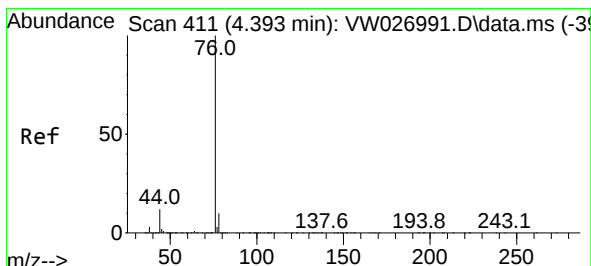
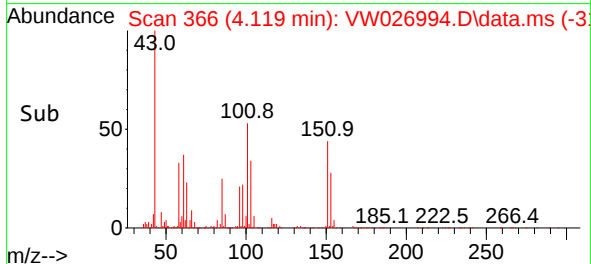
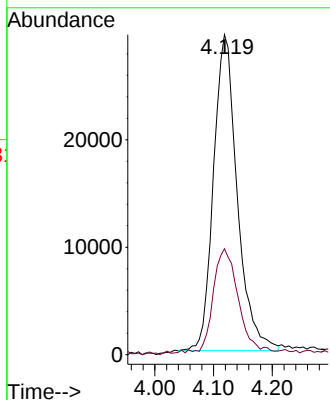
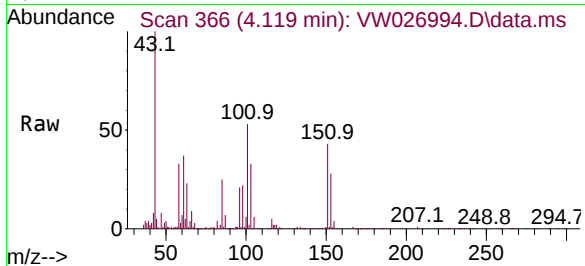




#13
Acetone
Concen: 46.823 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

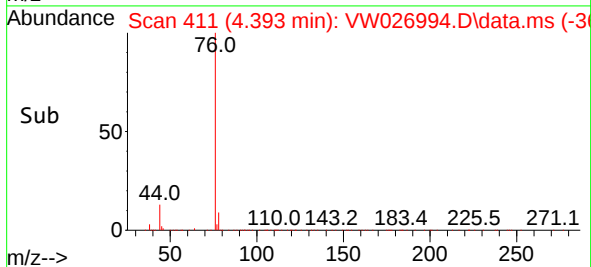
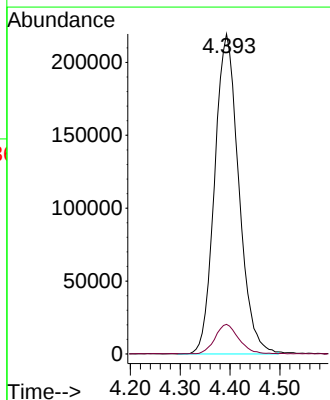
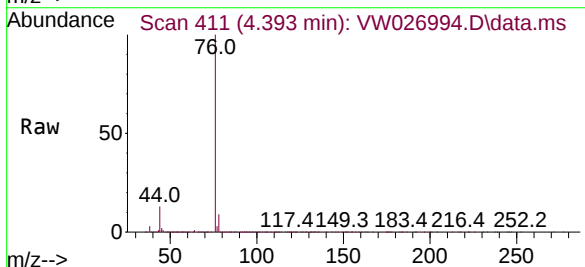
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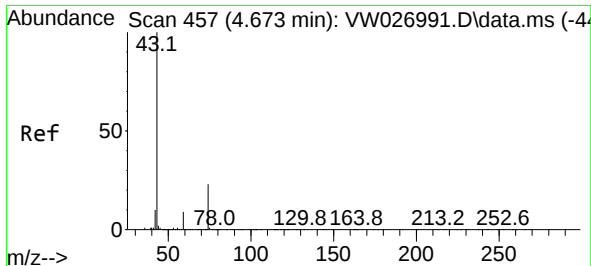
Tgt Ion: 43 Resp: 82653
Ion Ratio Lower Upper
43 100
58 33.8 0.0 66.4



#14
Carbon disulfide
Concen: 27.777 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026994.D
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Tgt Ion: 76 Resp: 737180
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

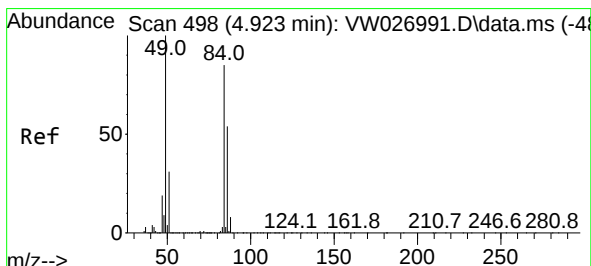
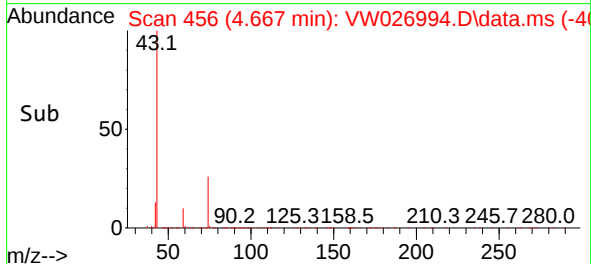
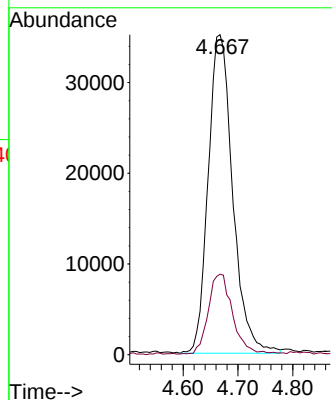
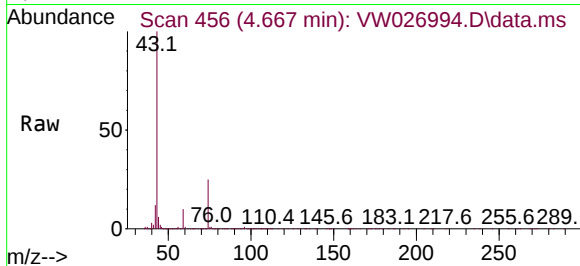




#15
Methyl Acetate
Concen: 29.739 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

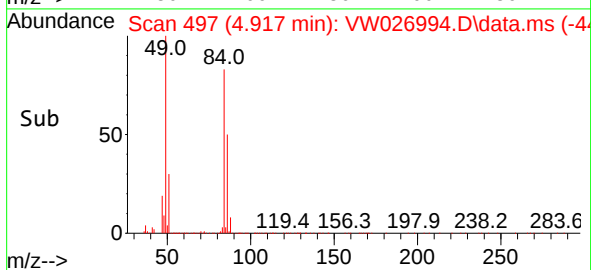
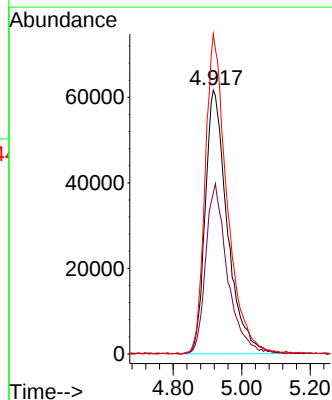
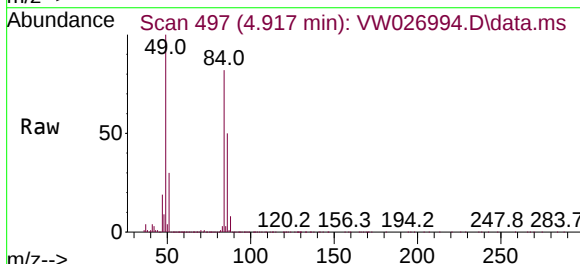
Instrument :
MSVOA_W
ClientSampleId :

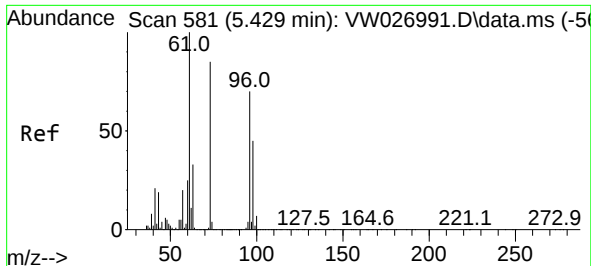
Tgt Ion: 43 Resp: 109147
Ion Ratio Lower Upper
43 100
74 24.3 0.1 0.1#



#16
Methylene chloride
Concen: 24.320 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

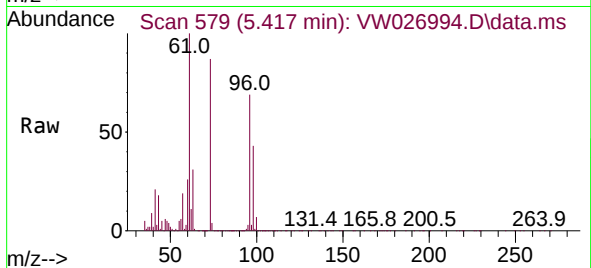
Tgt Ion: 84 Resp: 275936
Ion Ratio Lower Upper
84 100
86 61.1 44.1 81.9
49 121.3 82.1 152.5



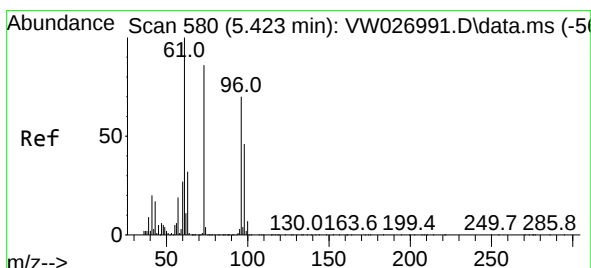
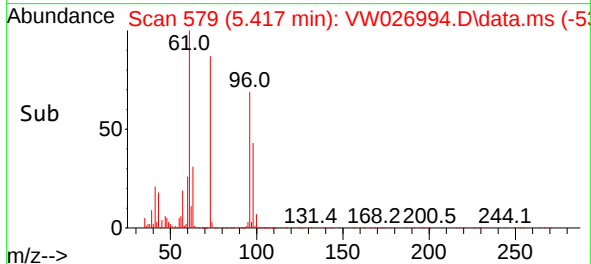
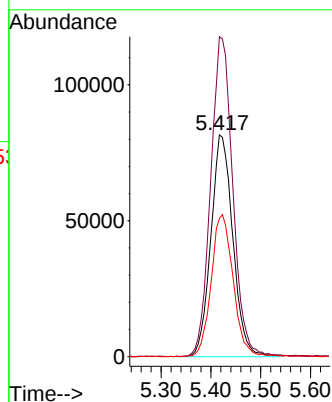


#17
trans-1,2-Dichloroethene
Concen: 27.611 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Instrument :
MSVOA_W
ClientSampleId :

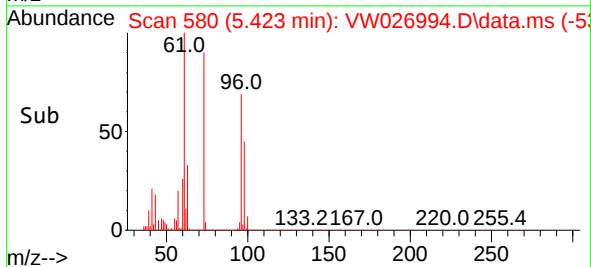
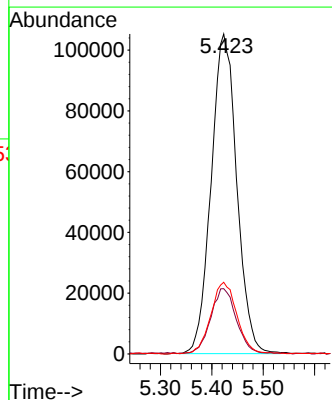
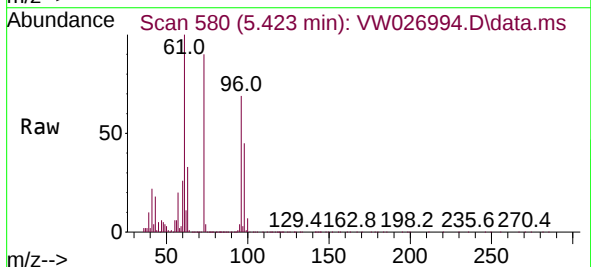


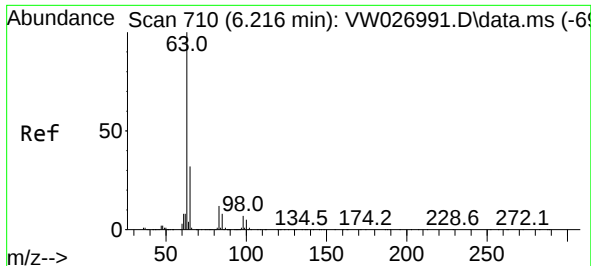
Tgt Ion: 96 Resp: 250059
Ion Ratio Lower Upper
96 100
61 144.3 100.3 186.3
98 62.3 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 28.883 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 73 Resp: 364245
Ion Ratio Lower Upper
73 100
43 20.3 16.5 24.7
57 22.5 18.5 27.7





#19

1,1-Dichloroethane

Concen: 28.246 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

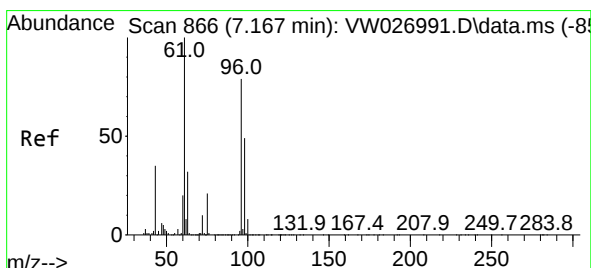
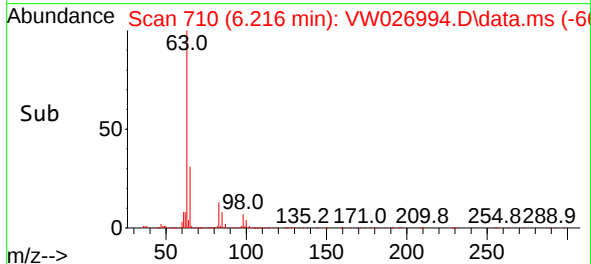
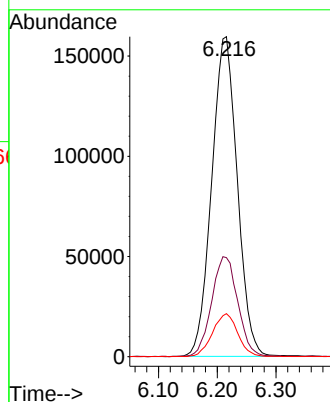
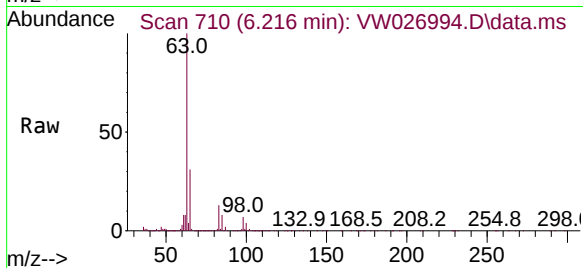
Tgt Ion: 63 Resp: 482210

Ion Ratio Lower Upper

63 100

65 31.0 22.1 41.1

83 13.5 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 27.267 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

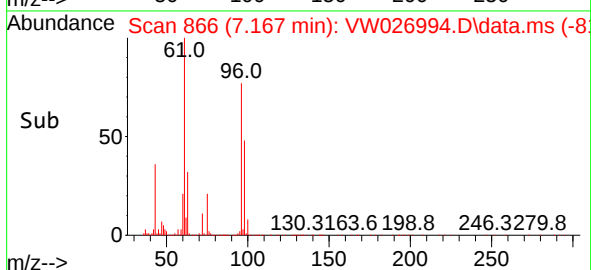
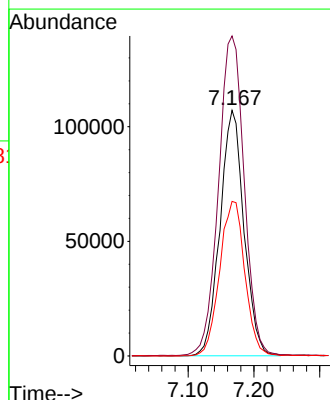
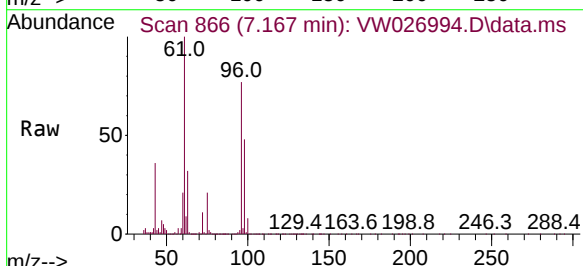
Tgt Ion: 96 Resp: 271750

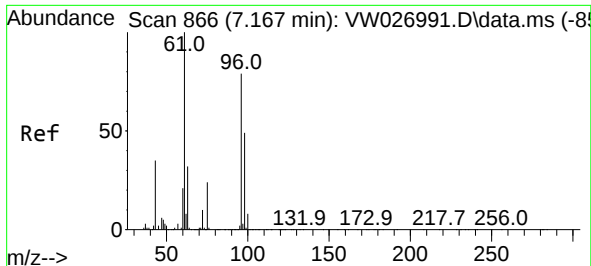
Ion Ratio Lower Upper

96 100

61 130.3 89.0 165.4

98 62.9 43.6 81.0

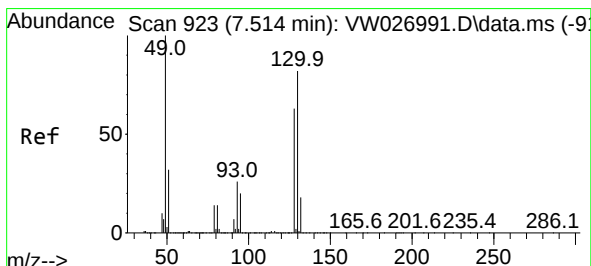
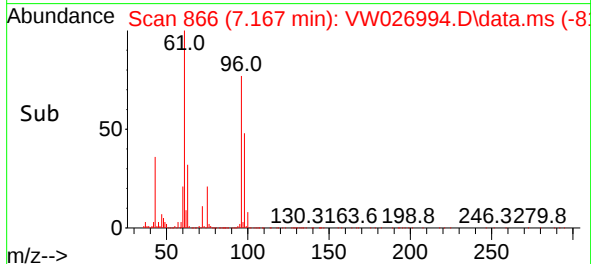
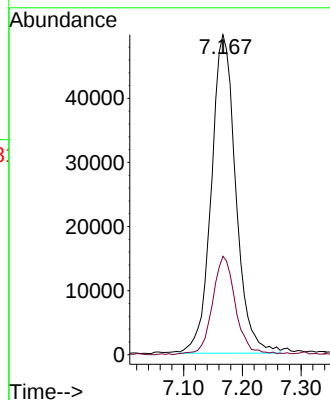
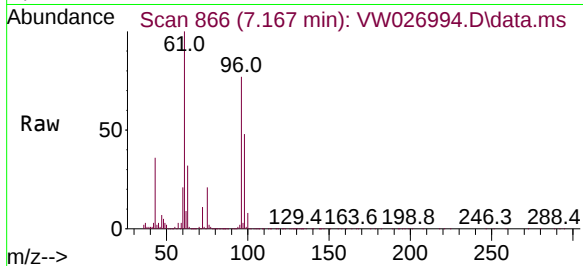




#22
2-Butanone
Concen: 50.654 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

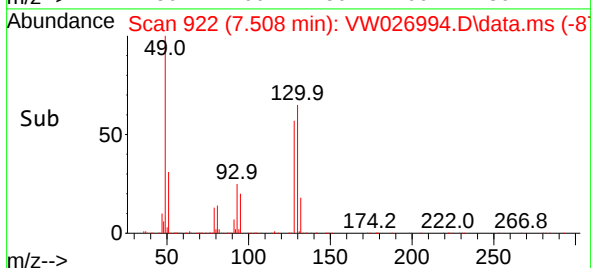
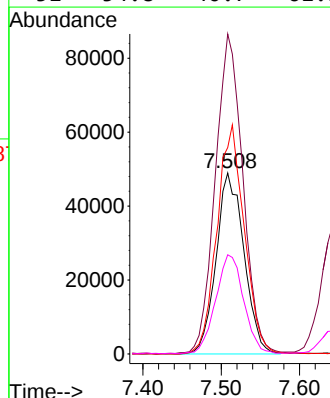
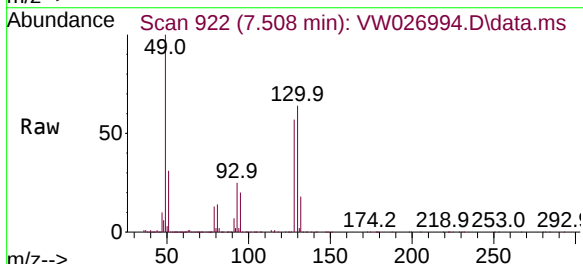
Instrument :
MSVOA_W
ClientSampleId :

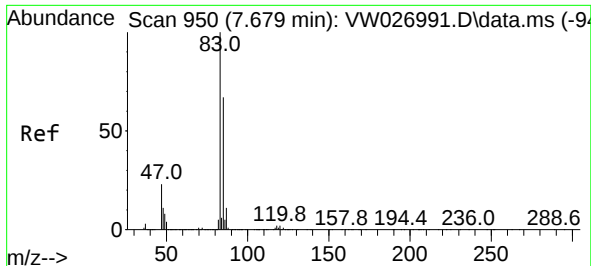
Tgt Ion: 43 Resp: 143872
Ion Ratio Lower Upper
43 100
72 28.6 14.4 43.0



#23
Bromochloromethane
Concen: 27.963 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 128 Resp: 120942
Ion Ratio Lower Upper
128 100
49 176.8 111.6 207.2
130 114.0 90.9 168.7
51 54.8 40.7 61.1

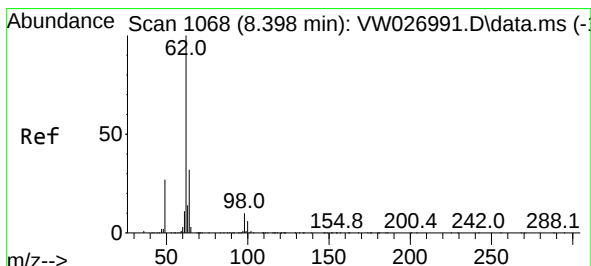
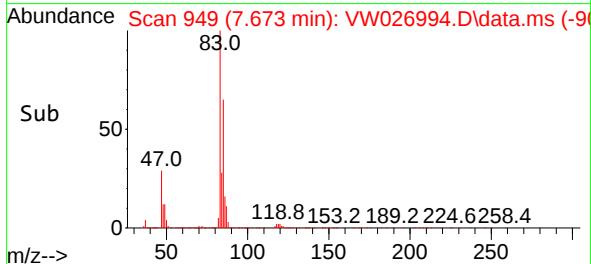
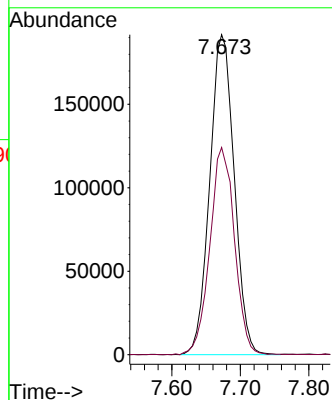
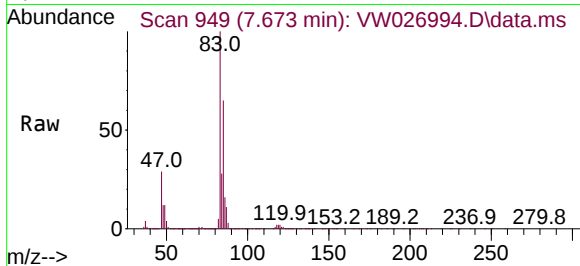




#25
Chloroform
Concen: 28.403 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

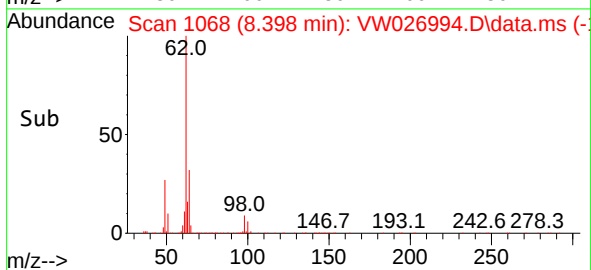
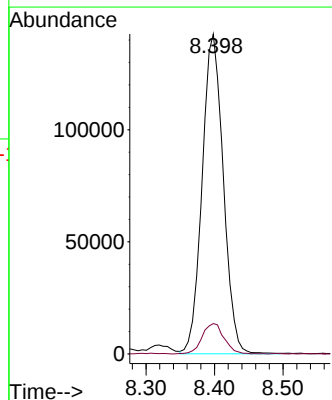
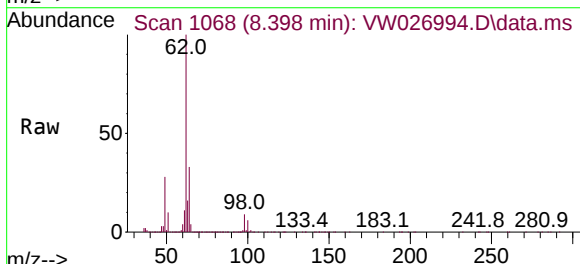
Instrument :
MSVOA_W
ClientSampleId :

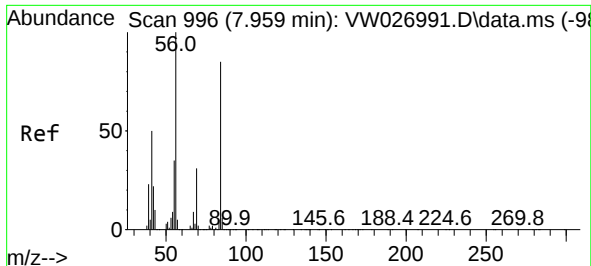
Tgt Ion: 83 Resp: 475577
Ion Ratio Lower Upper
83 100
85 64.8 47.3 87.9



#27
1,2-Dichloroethane
Concen: 28.988 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 62 Resp: 306775
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4

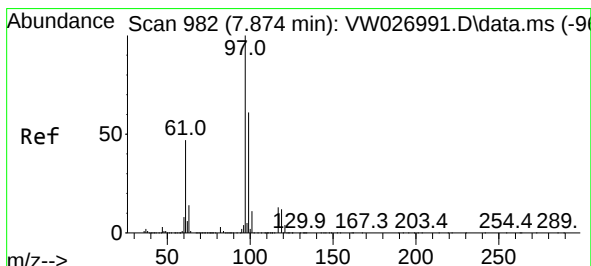
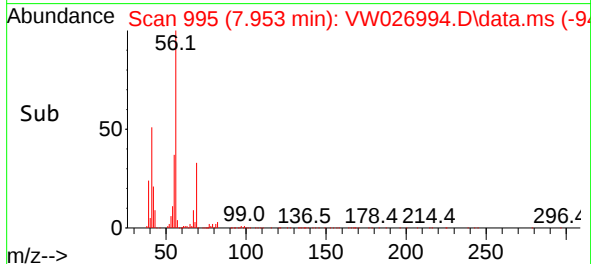
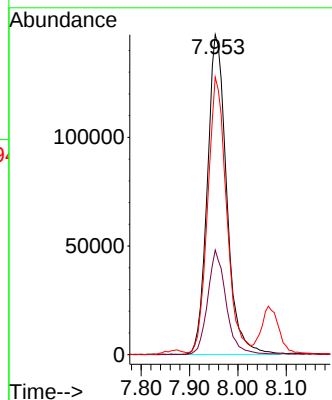
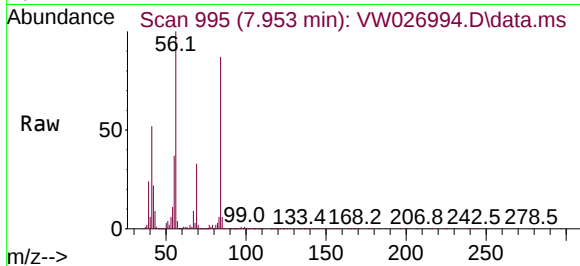




#29
Cyclohexane
Concen: 26.999 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

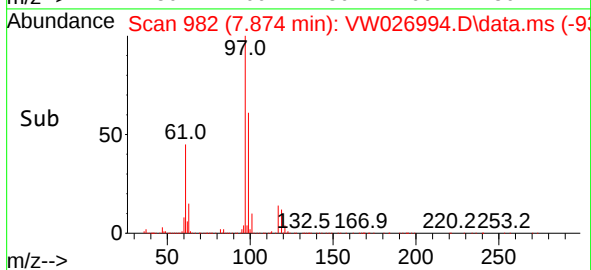
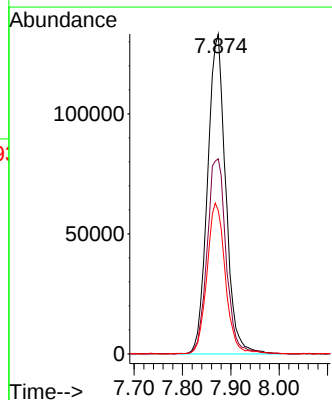
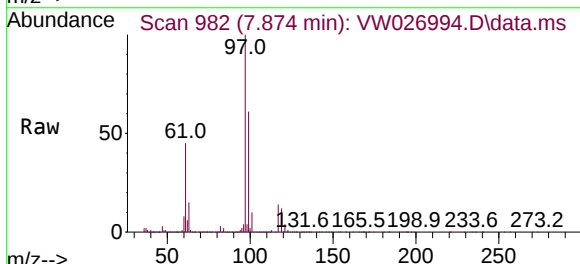
Instrument :
MSVOA_W
ClientSampleId :

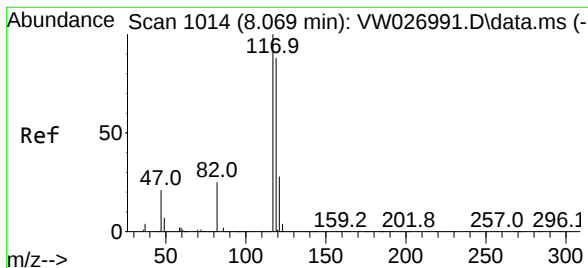
Tgt Ion: 56 Resp: 408694
Ion Ratio Lower Upper
56 100
69 31.1 24.8 37.2
84 84.7 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 26.408 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 97 Resp: 347311
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 46.9 37.6 56.4





#31

Carbon tetrachloride

Concen: 26.687 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

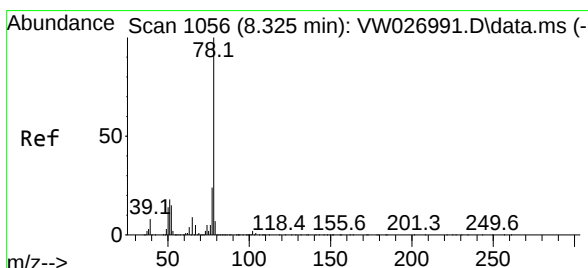
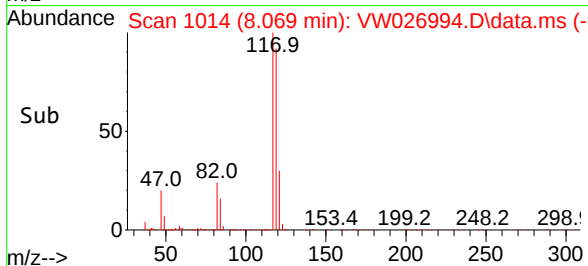
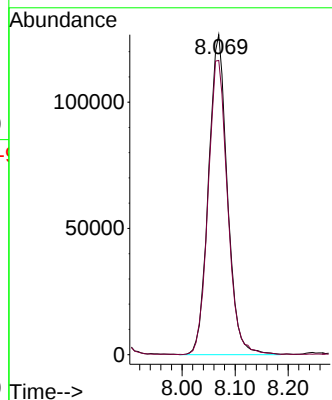
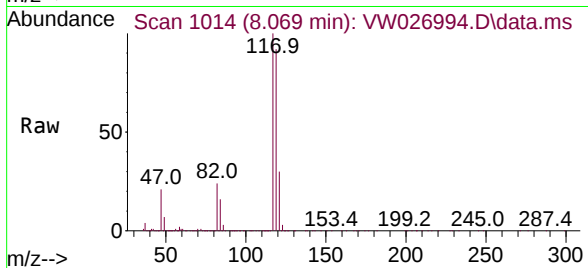
ClientSampleId :

Tgt Ion:117 Resp: 312816

Ion Ratio Lower Upper

117 100

119 95.3 76.1 114.1



#33

Benzene

Concen: 27.370 ug/L

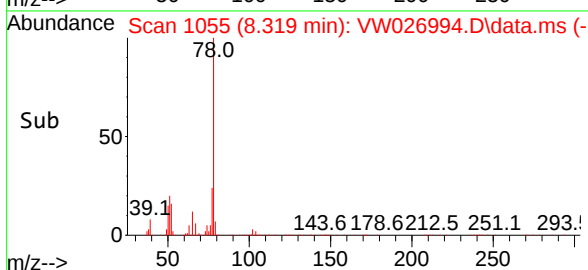
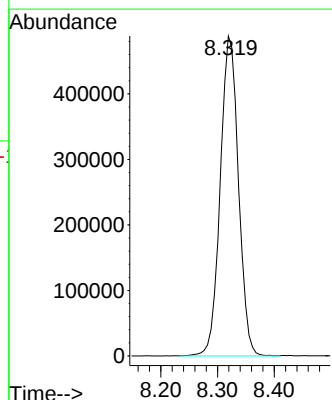
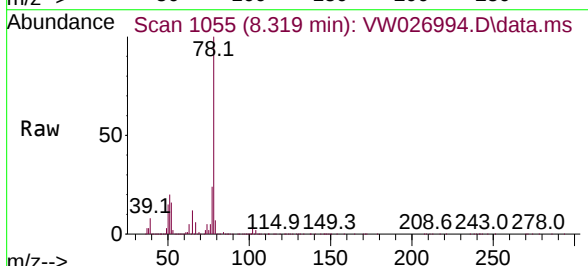
RT: 8.319 min Scan# 1055

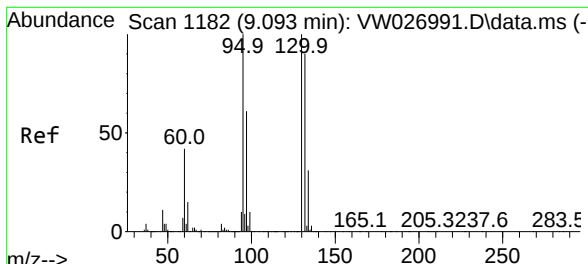
Delta R.T. -0.006 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Tgt Ion: 78 Resp: 1086766





#34

Trichloroethene

Concen: 26.421 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

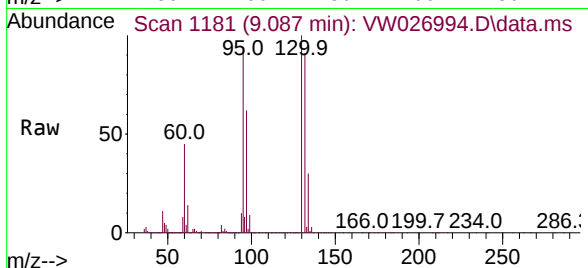
Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 269558

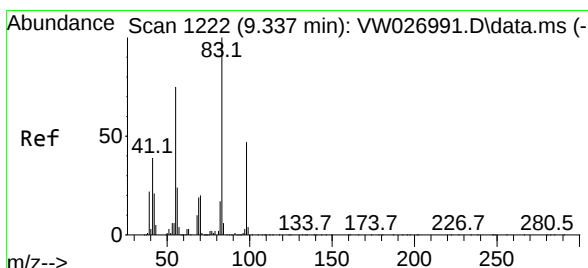
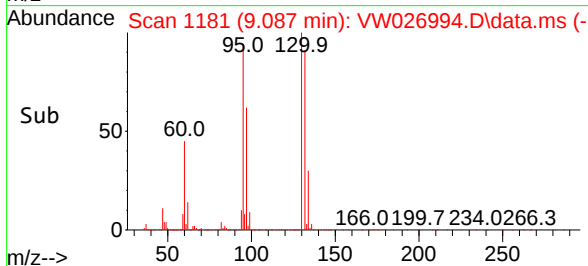
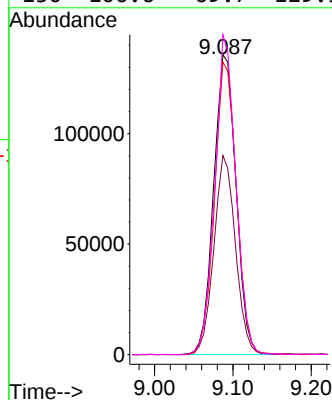
Ion Ratio Lower Upper

95 100

97 66.4 42.4 78.8

132 97.5 63.1 117.3

130 106.6 69.7 129.5



#35

Methylcyclohexane

Concen: 26.724 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

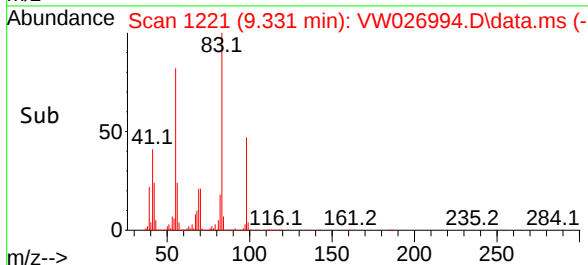
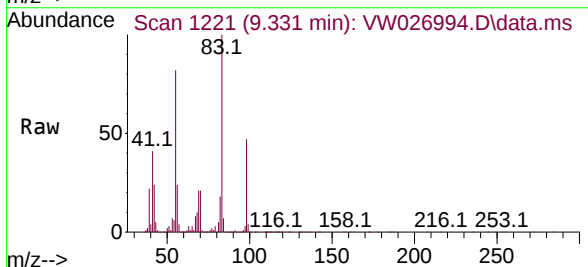
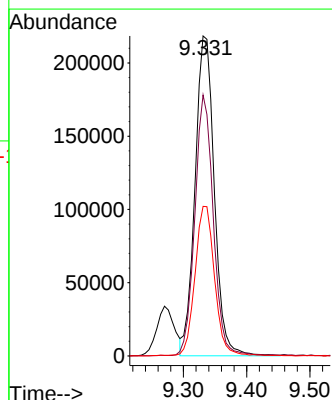
Tgt Ion: 83 Resp: 463229

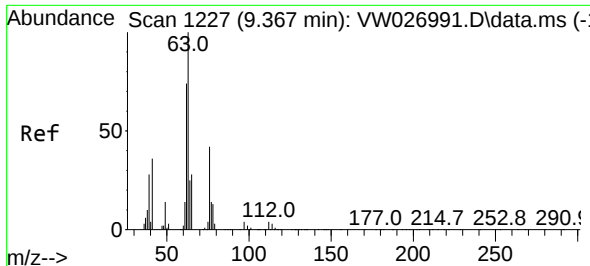
Ion Ratio Lower Upper

83 100

55 77.8 61.7 92.5

98 46.7 38.3 57.5





#37

1,2-Dichloropropane

Concen: 28.226 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

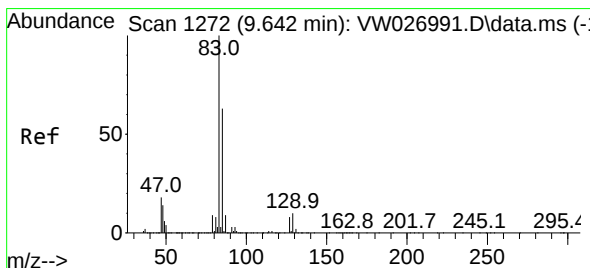
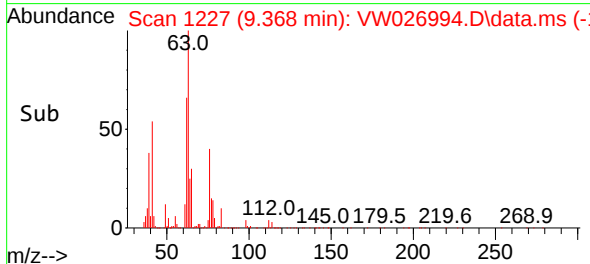
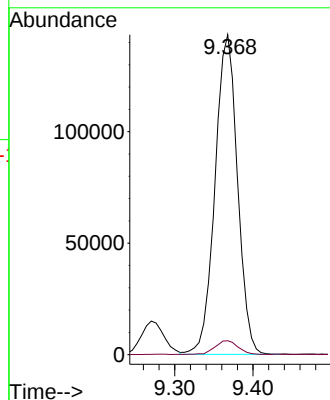
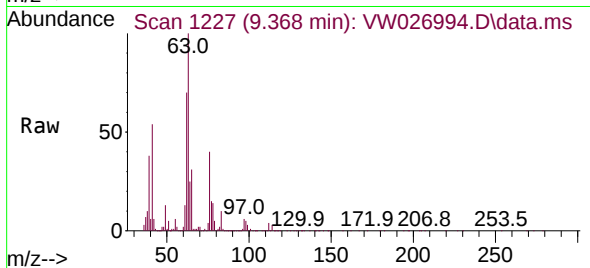
ClientSampleId :

Tgt Ion: 63 Resp: 286004

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 28.309 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

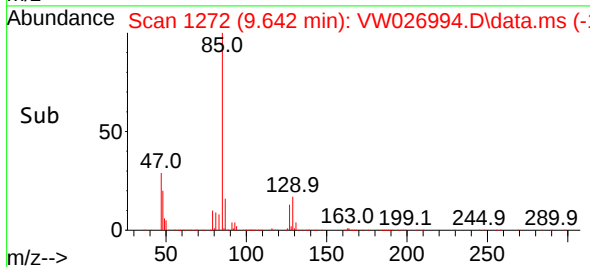
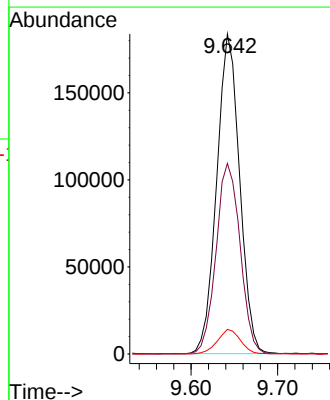
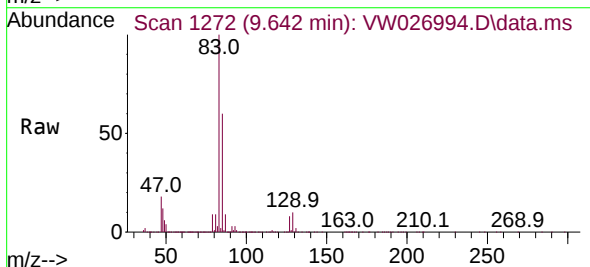
Tgt Ion: 83 Resp: 337813

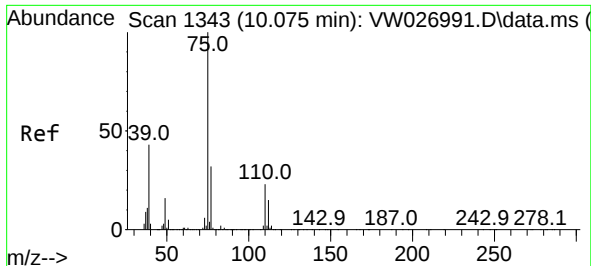
Ion Ratio Lower Upper

83 100

85 59.6 44.4 82.4

127 7.7 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 27.656 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

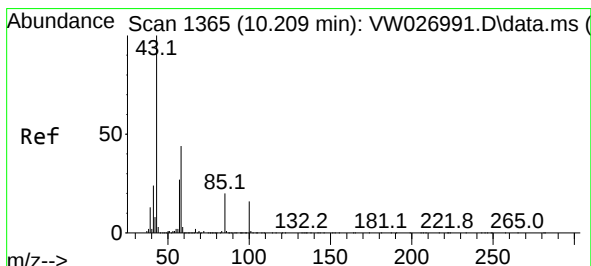
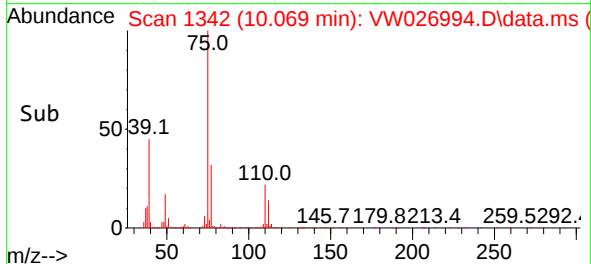
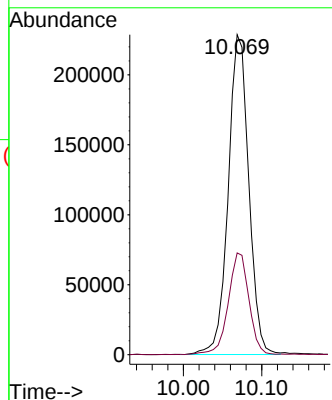
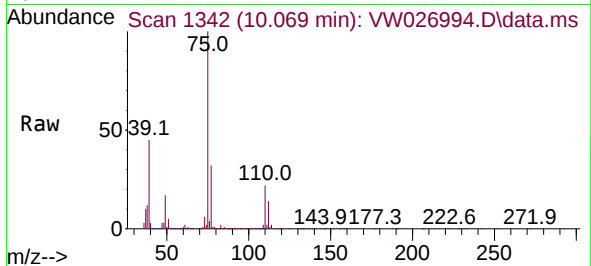
ClientSampleId :

Tgt Ion: 75 Resp: 416012

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 59.310 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

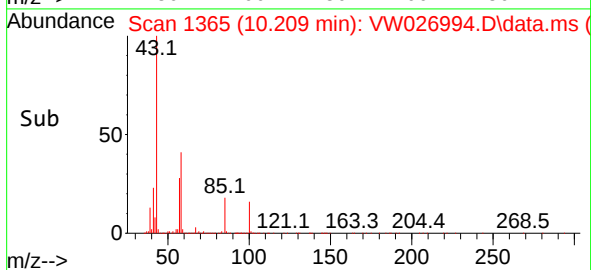
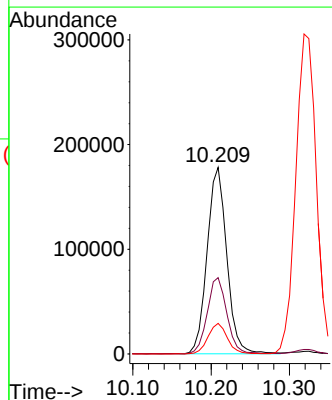
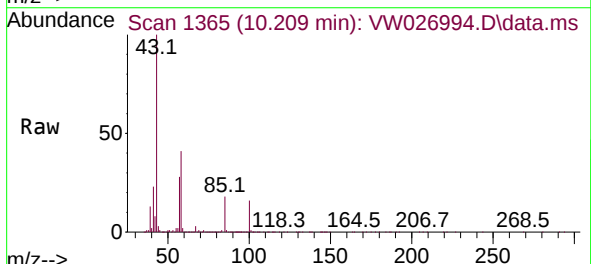
Tgt Ion: 43 Resp: 310267

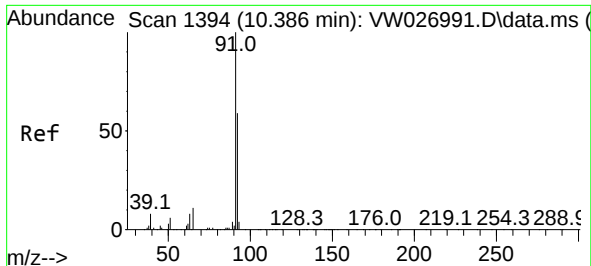
Ion Ratio Lower Upper

43 100

58 40.5 33.4 50.2

100 16.1 13.0 19.4

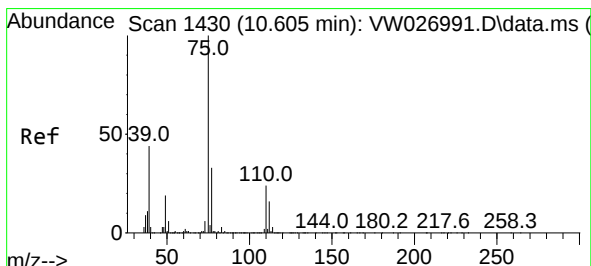
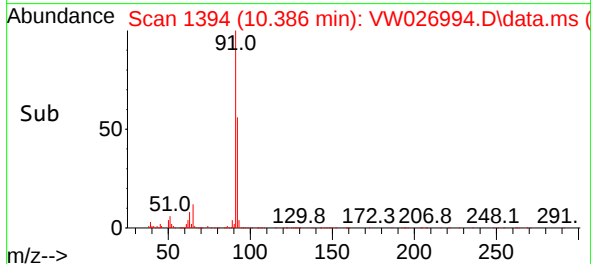
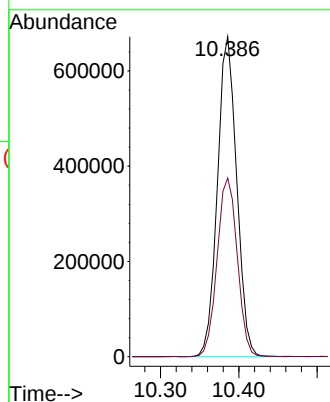
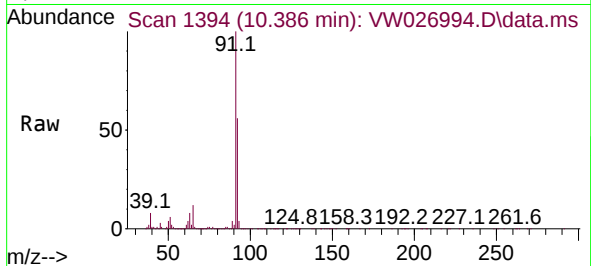




#42
Toluene
Concen: 28.127 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

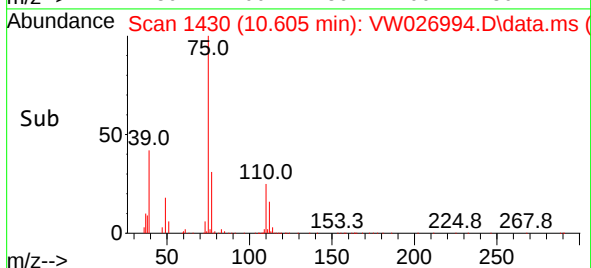
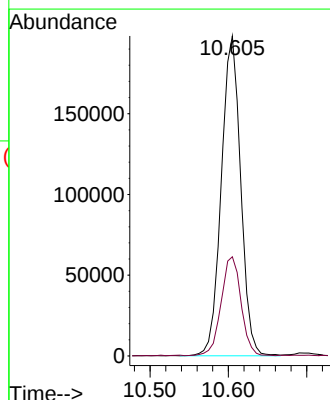
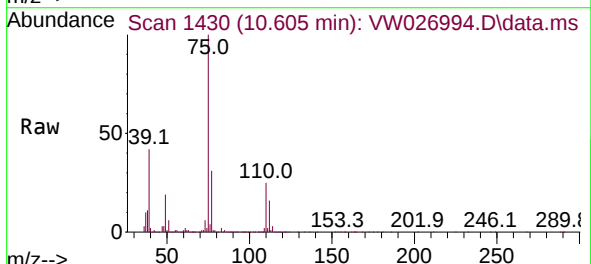
Instrument :
MSVOA_W
ClientSampleId :

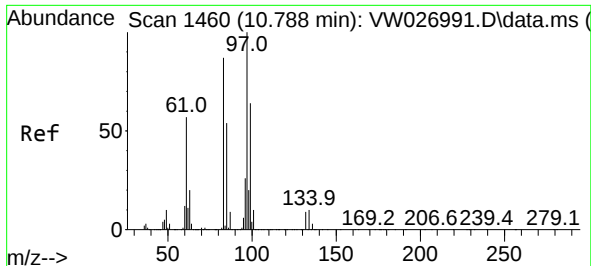
Tgt Ion: 91 Resp: 1149337
Ion Ratio Lower Upper
91 100
92 55.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.845 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 75 Resp: 340131
Ion Ratio Lower Upper
75 100
77 31.0 23.0 42.6



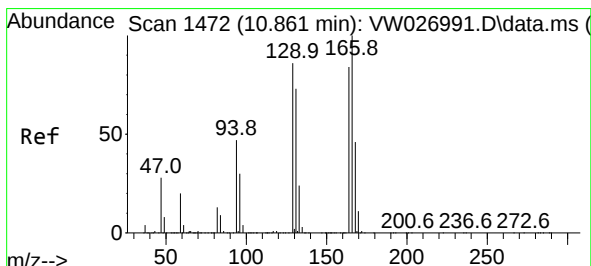
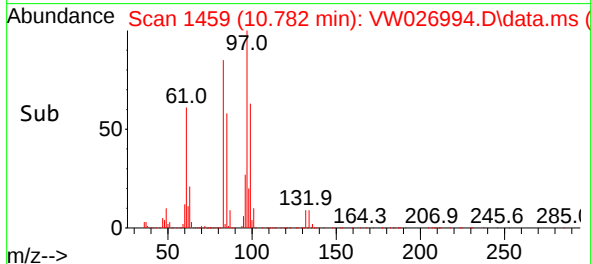
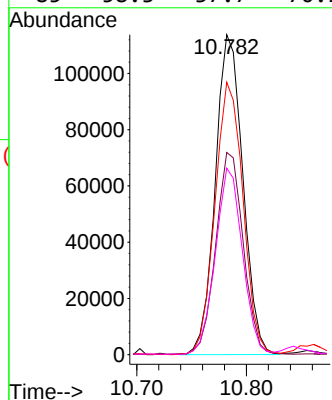
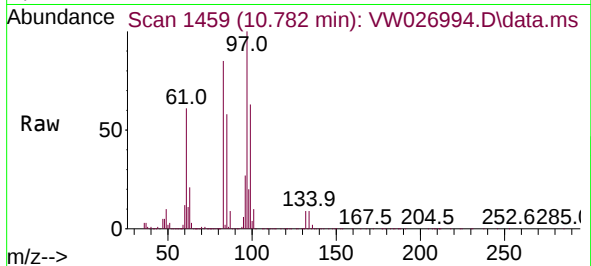


#45
1,1,2-Trichloroethane
Concen: 27.224 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 198719

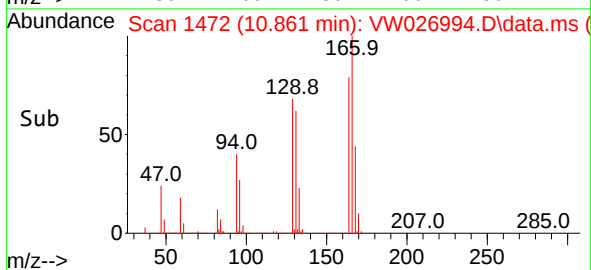
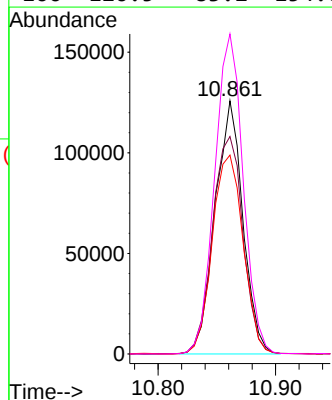
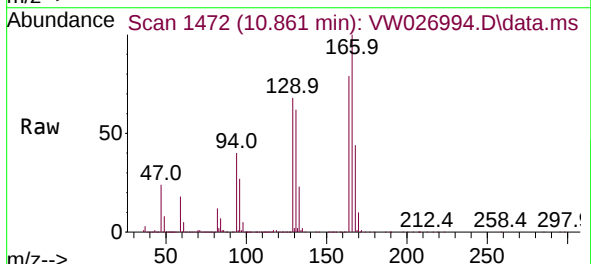
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.7	82.9
83	85.2	60.9	113.1
85	58.3	37.7	70.1

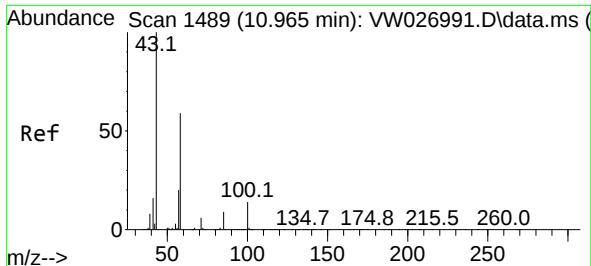


#46
Tetrachloroethene
Concen: 26.632 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 164 Resp: 207407

Ion	Ratio	Lower	Upper
164	100		
129	85.9	71.4	132.6
131	78.6	60.8	113.0
166	126.5	83.2	154.6



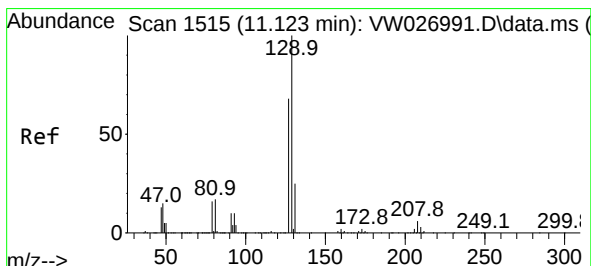
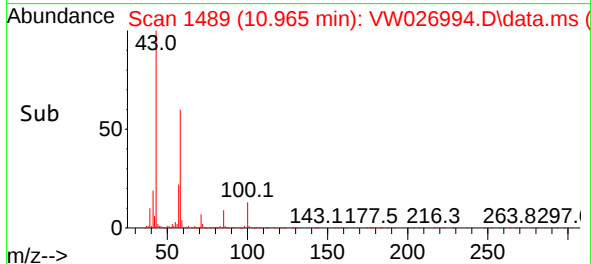
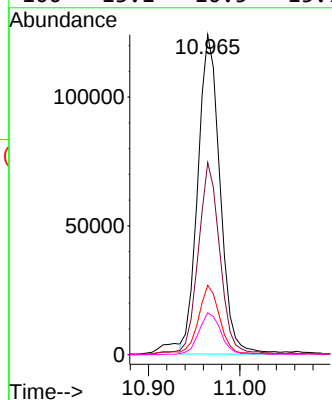
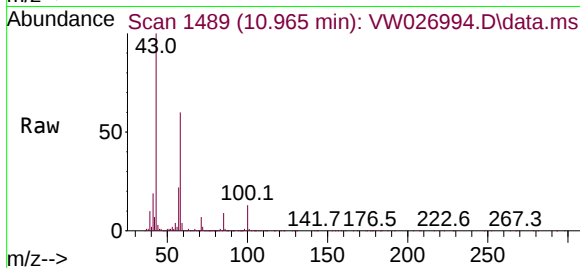


#48
2-Hexanone
Concen: 58.662 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 209140

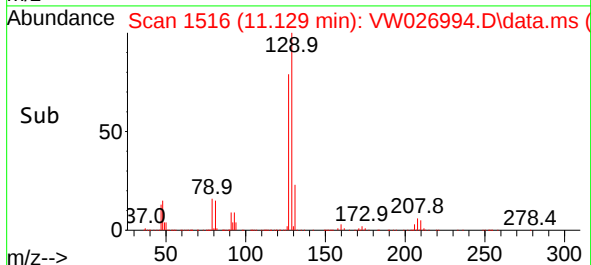
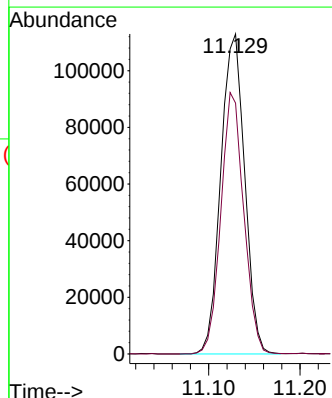
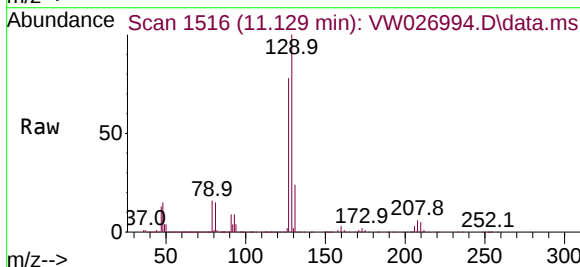
Ion	Ratio	Lower	Upper
43	100		
58	59.4	47.5	71.3
57	20.6	15.2	22.8
100	13.1	10.5	15.7

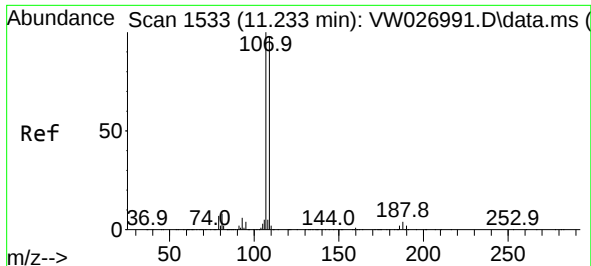


#49
Dibromochloromethane
Concen: 27.300 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion: 129 Resp: 205276

Ion	Ratio	Lower	Upper
129	100		
127	78.4	47.5	88.3

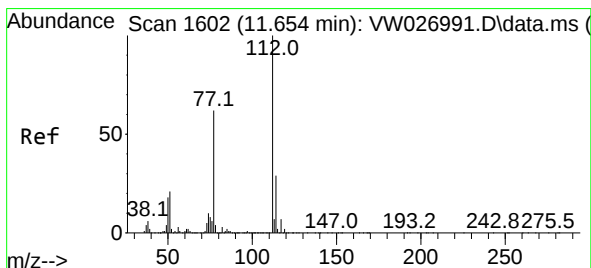
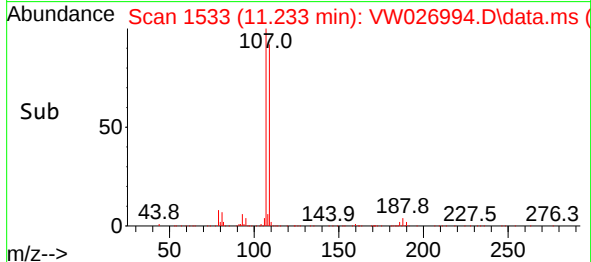
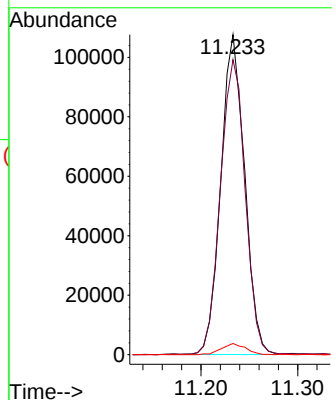
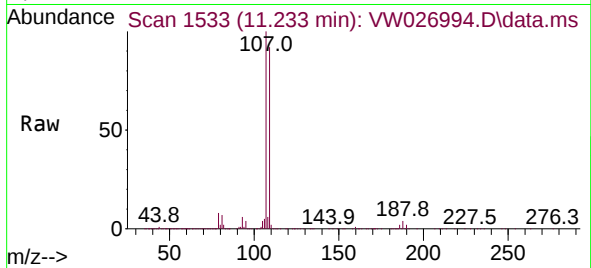




#50
1,2-Dibromoethane
Concen: 27.737 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

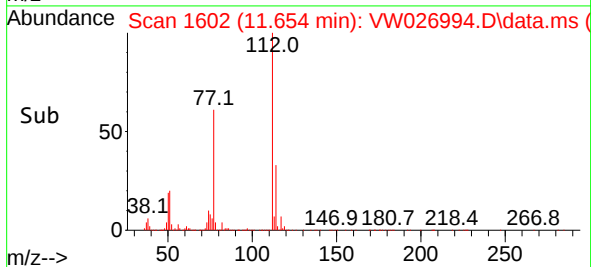
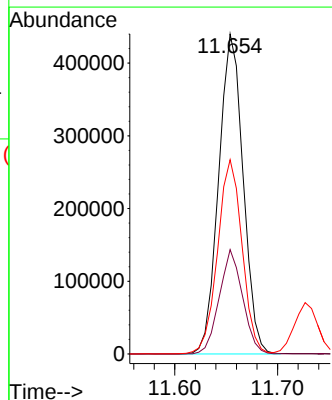
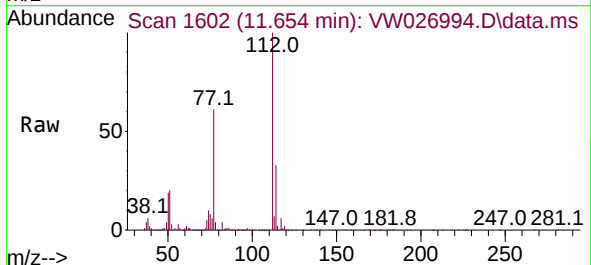
Instrument :
MSVOA_W
ClientSampleId :

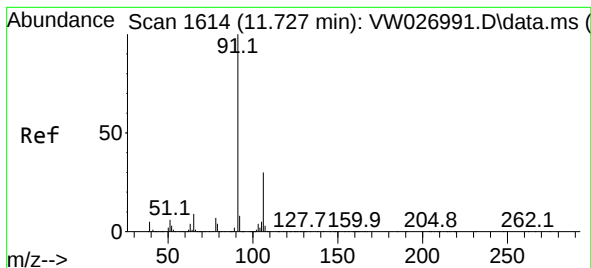
Tgt Ion:107 Resp: 183297
Ion Ratio Lower Upper
107 100
109 92.2 68.5 127.1
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 27.636 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion:112 Resp: 727389
Ion Ratio Lower Upper
112 100
114 32.6 20.5 38.1
77 60.7 49.5 74.3

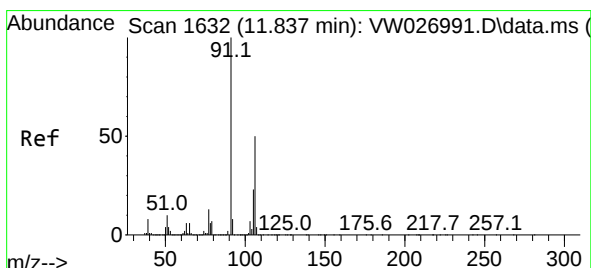
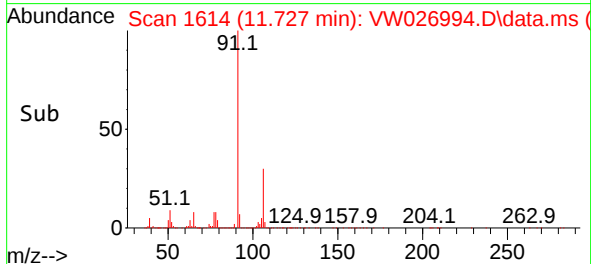
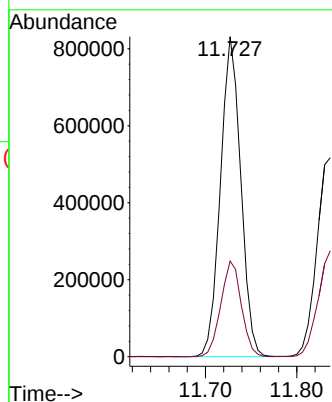
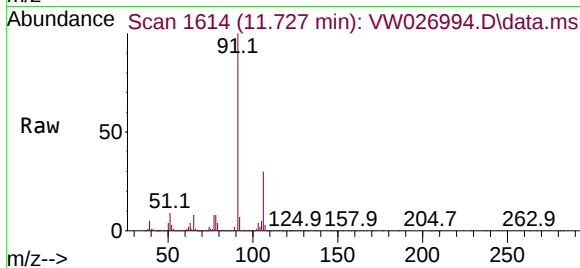




#52
Ethylbenzene
Concen: 28.362 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

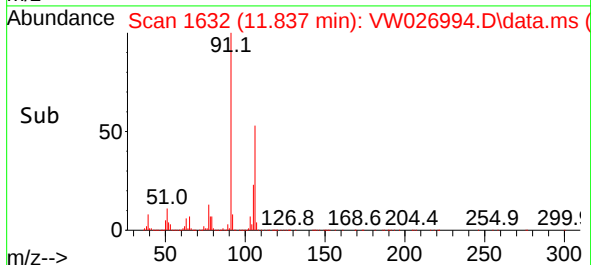
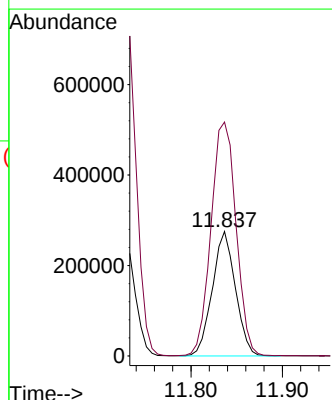
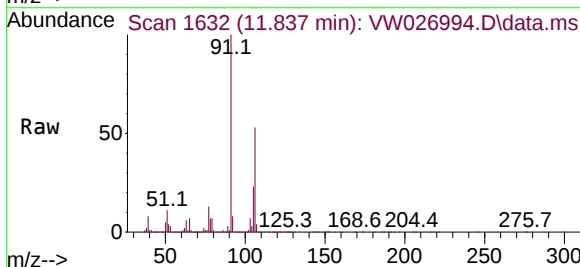
Instrument :
MSVOA_W
ClientSampleId :

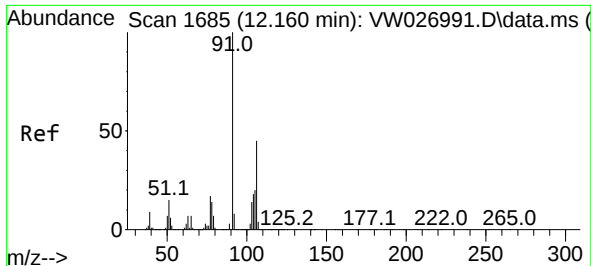
Tgt Ion: 91 Resp: 1284812
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.3



#53
m,p-Xylene
Concen: 28.183 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion:106 Resp: 482940
Ion Ratio Lower Upper
106 100
91 187.9 139.6 259.2

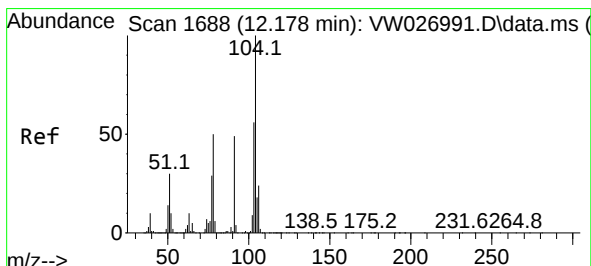
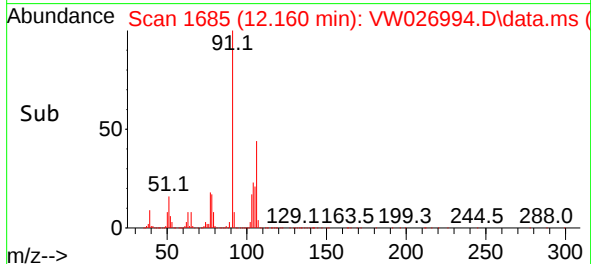
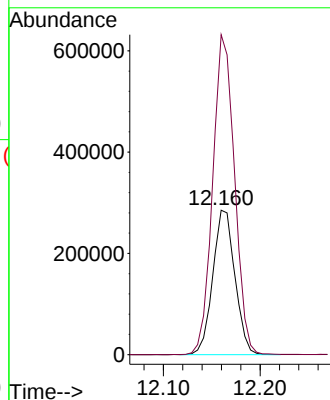
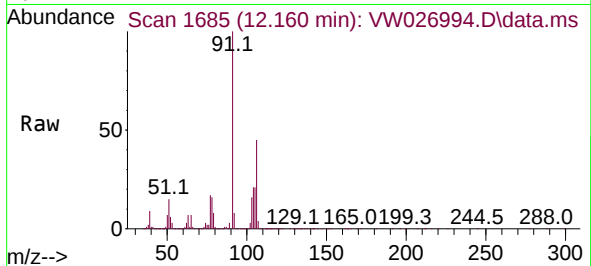




#54
o-Xylene
Concen: 28.239 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

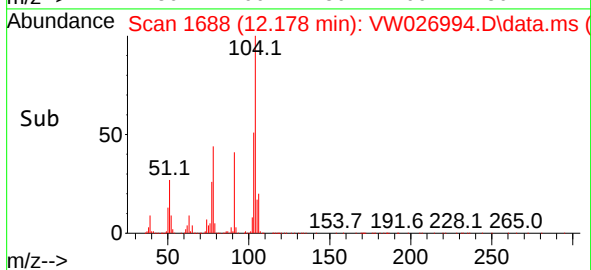
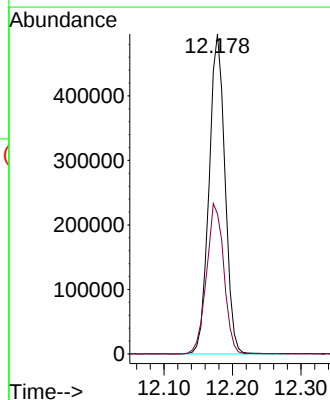
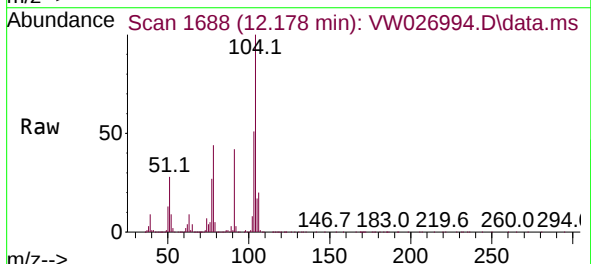
Instrument :
MSVOA_W
ClientSampleId :

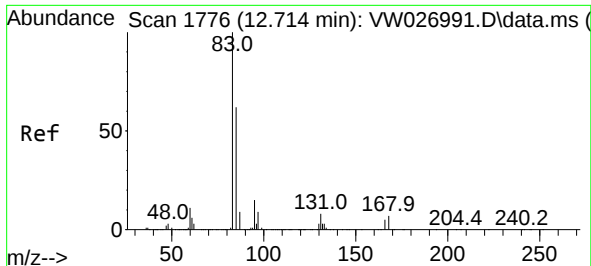
Tgt Ion:106 Resp: 452786
Ion Ratio Lower Upper
106 100
91 221.5 154.0 286.0



#55
Styrene
Concen: 29.279 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026994.D
Acq: 05 Sep 2023 14:08

Tgt Ion:104 Resp: 801220
Ion Ratio Lower Upper
104 100
78 43.8 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 28.020 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026994.D

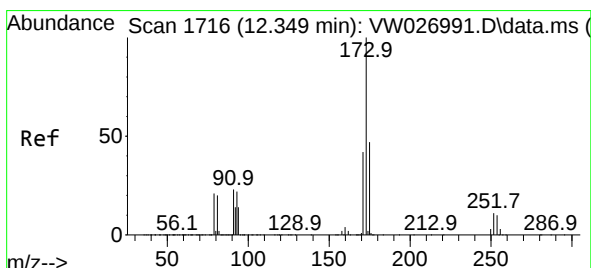
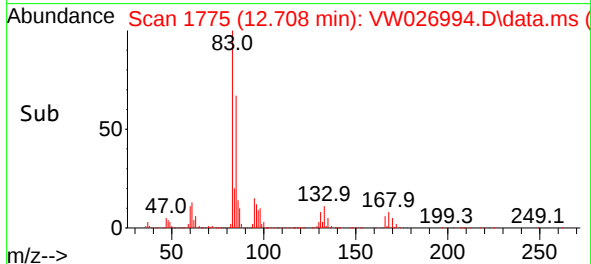
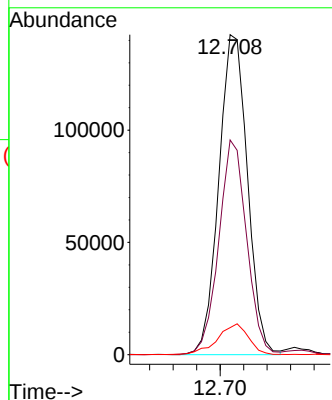
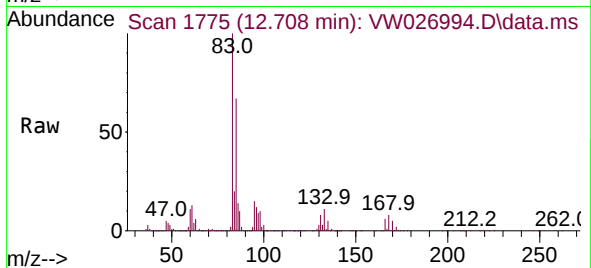
Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 241963
Ion Ratio	Lower Upper
83 100	
85 67.1	44.1 81.9
131 8.4	7.2 10.8



#59

Bromoform

Concen: 26.579 ug/L

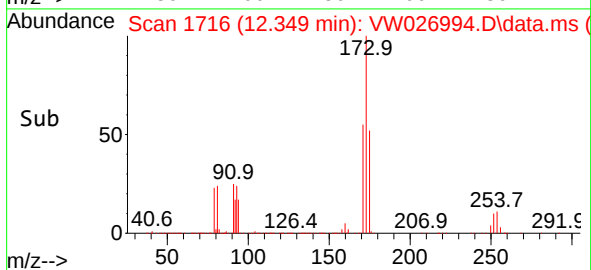
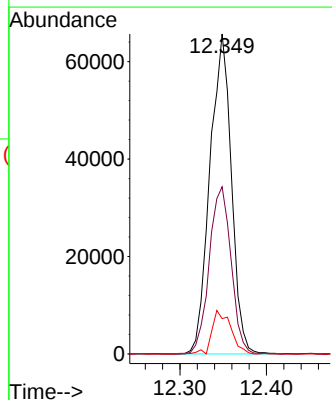
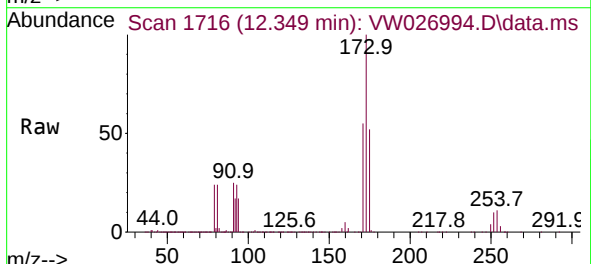
RT: 12.349 min Scan# 1716

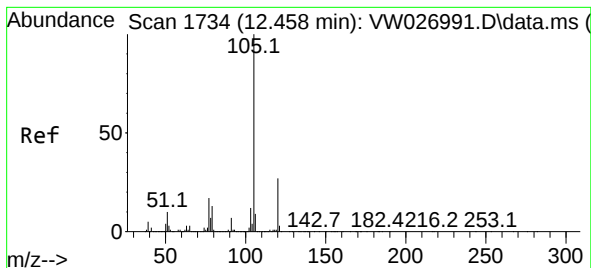
Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Tgt Ion:173	Resp:	113142	
Ion	Ratio	Lower	Upper
173	100		
175	53.0	36.6	54.8
254	11.5	8.5	12.7





#60

Isopropylbenzene

Concen: 29.612 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

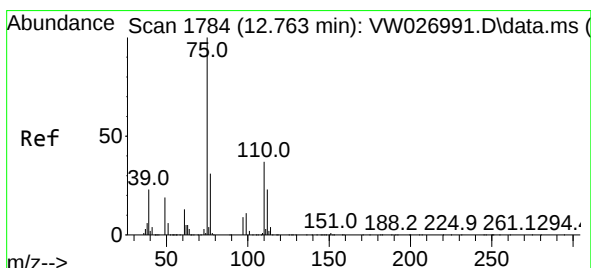
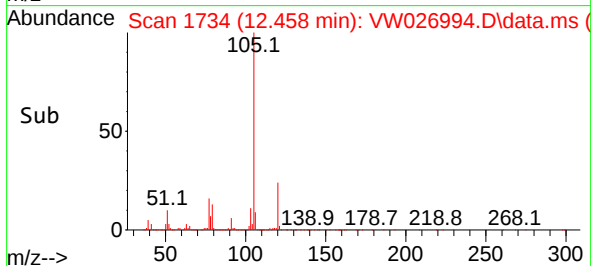
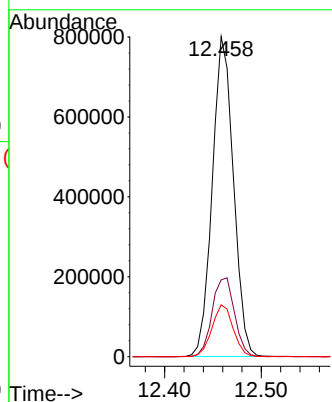
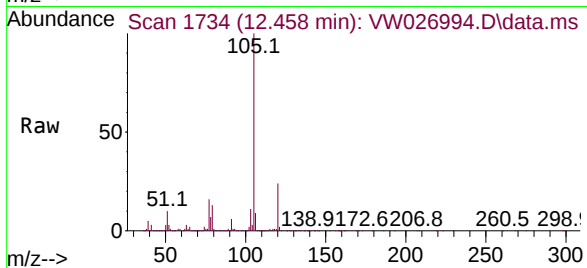
Tgt Ion:105 Resp: 1214212

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.0

77 16.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 29.968 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

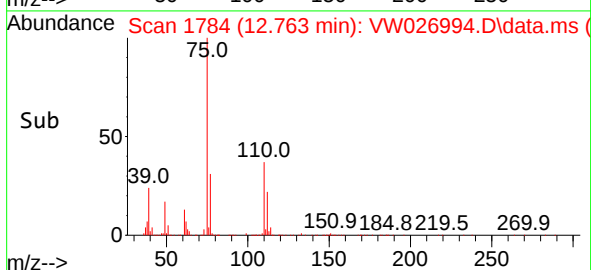
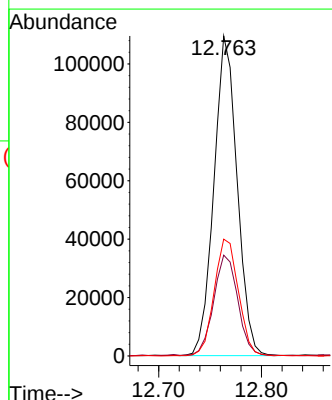
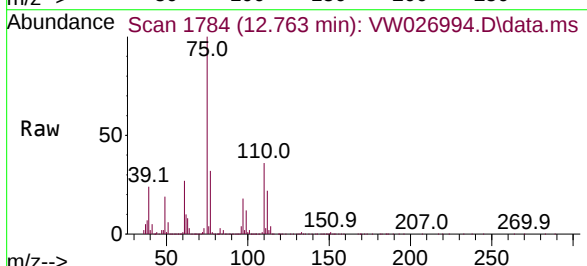
Tgt Ion: 75 Resp: 171596

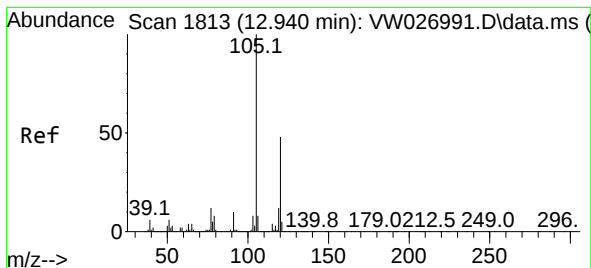
Ion Ratio Lower Upper

75 100

77 32.7 26.3 39.5

110 38.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 30.821 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

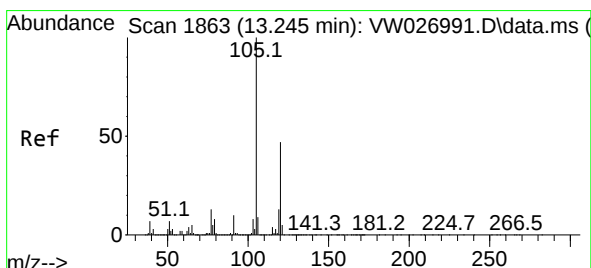
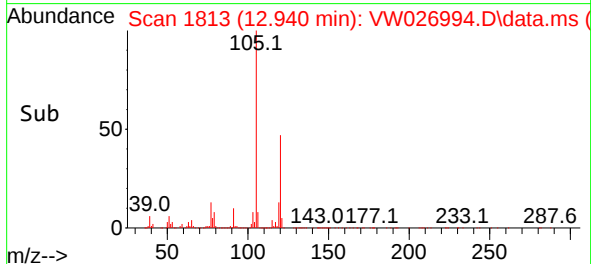
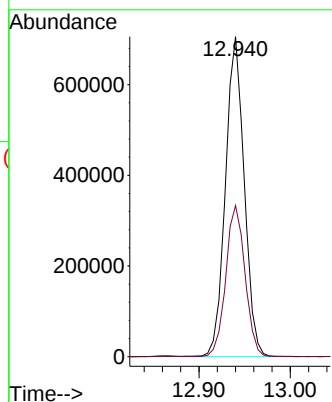
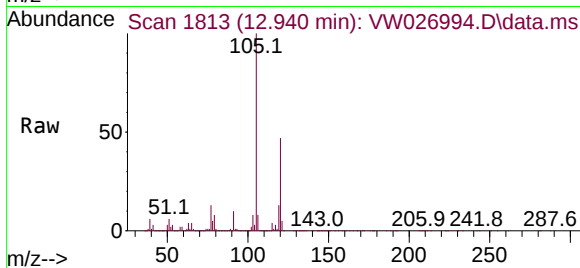
ClientSampleId :

Tgt Ion:105 Resp: 1008461

Ion Ratio Lower Upper

105 100

120 48.3 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 30.949 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026994.D

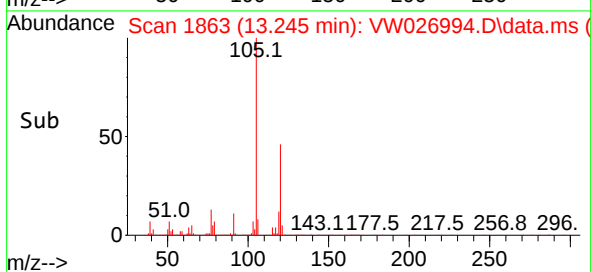
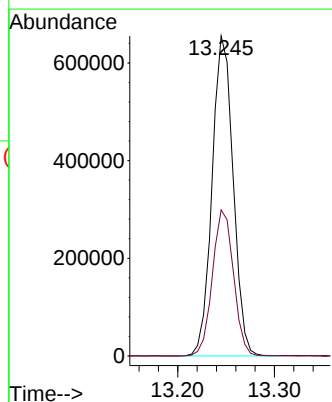
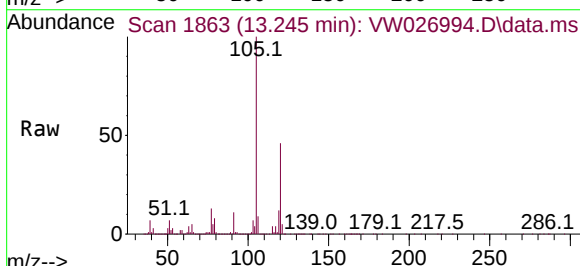
Acq: 05 Sep 2023 14:08

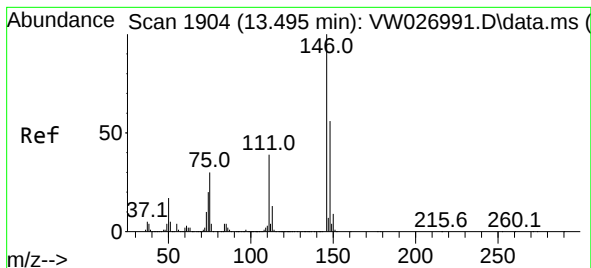
Tgt Ion:105 Resp: 990041

Ion Ratio Lower Upper

105 100

120 45.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 28.554 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

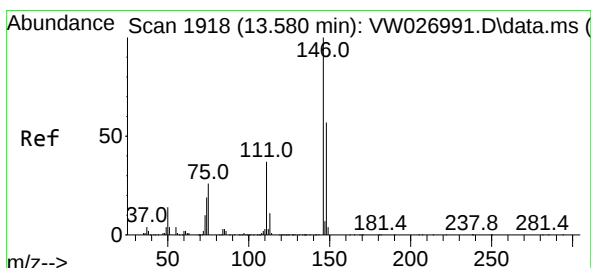
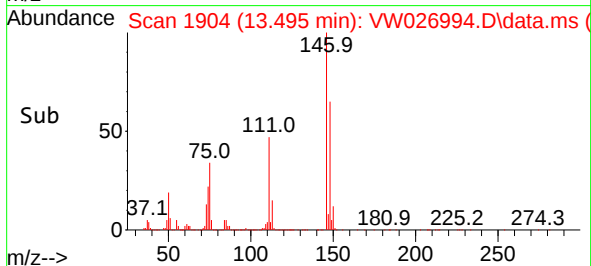
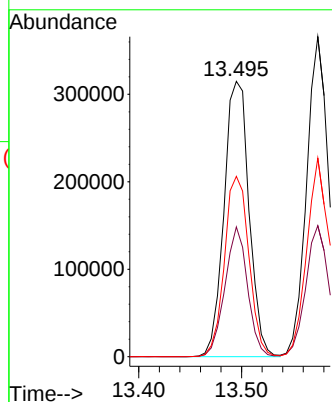
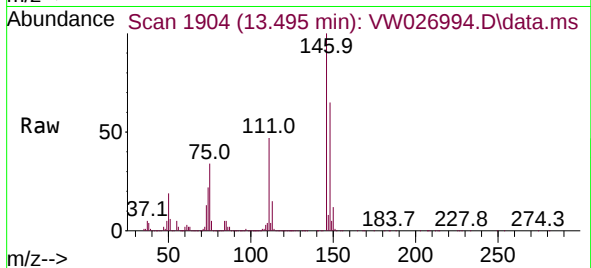
Tgt Ion:146 Resp: 532626

Ion Ratio Lower Upper

146 100

111 47.1 26.9 50.1

148 65.5 39.2 72.8



#65

1,4-Dichlorobenzene

Concen: 29.285 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

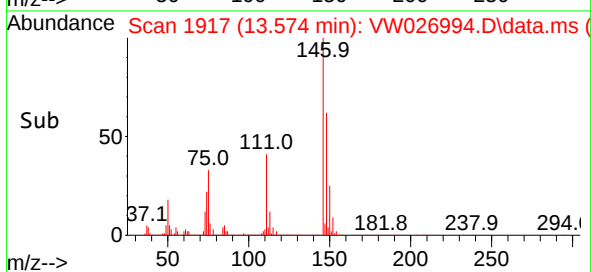
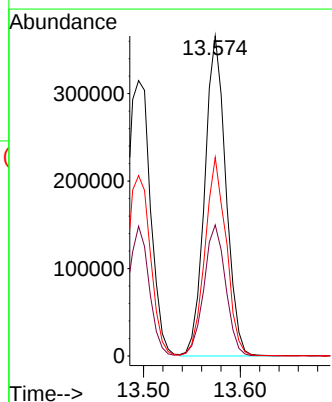
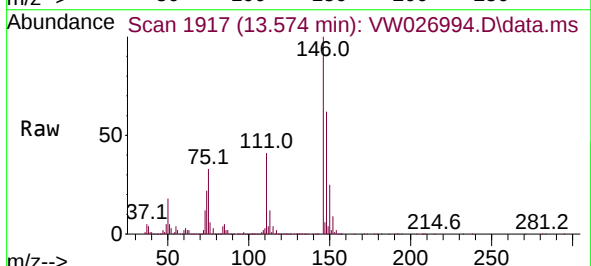
Tgt Ion:146 Resp: 555232

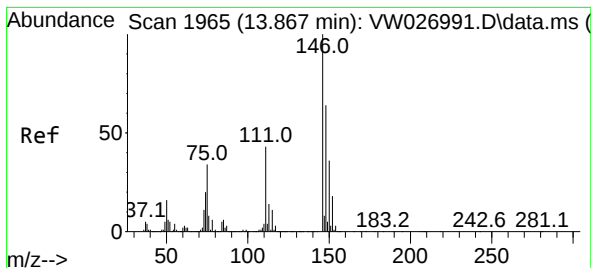
Ion Ratio Lower Upper

146 100

111 41.0 25.8 47.8

148 62.0 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 29.478 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

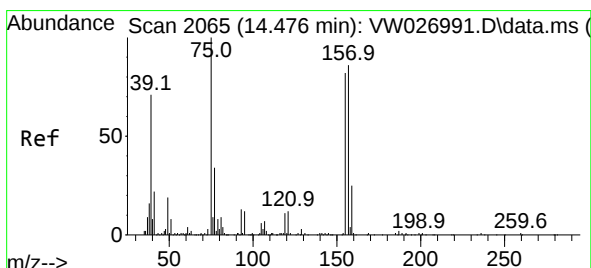
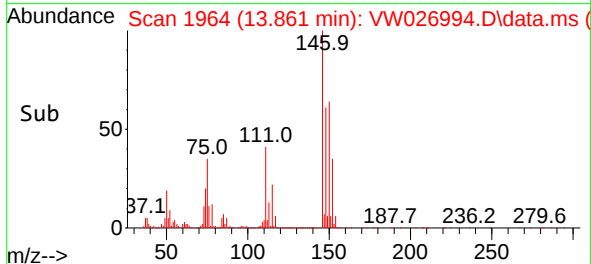
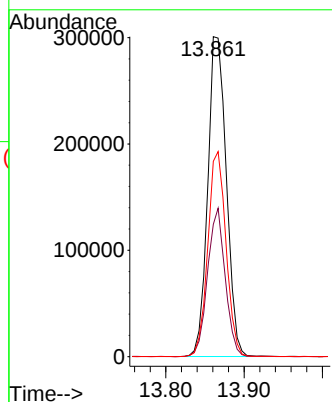
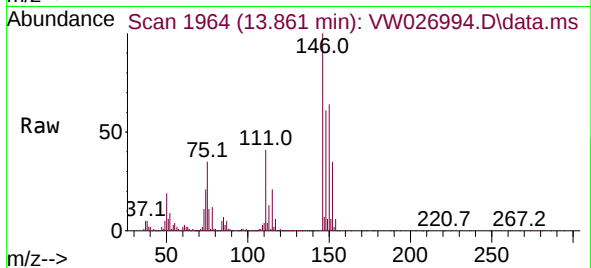
Tgt Ion:146 Resp: 495424

Ion Ratio Lower Upper

146 100

111 41.4 34.0 51.0

148 61.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 28.390 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

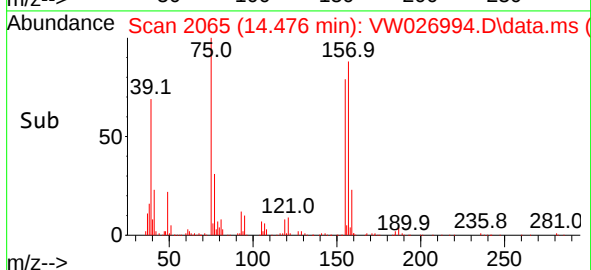
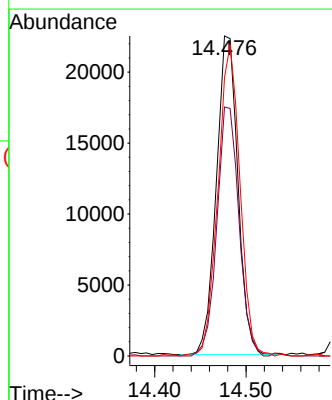
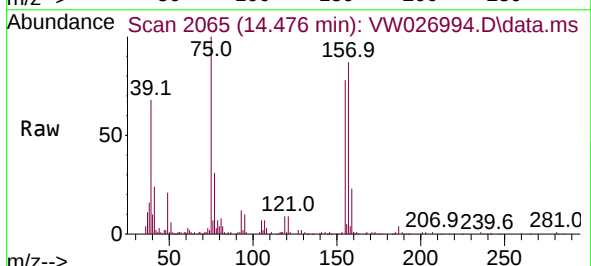
Tgt Ion: 75 Resp: 36864

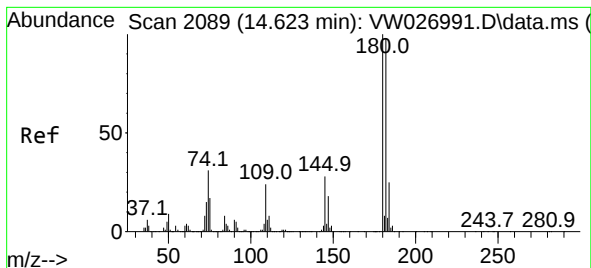
Ion Ratio Lower Upper

75 100

155 77.8 65.9 98.9

157 87.1 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 28.978 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

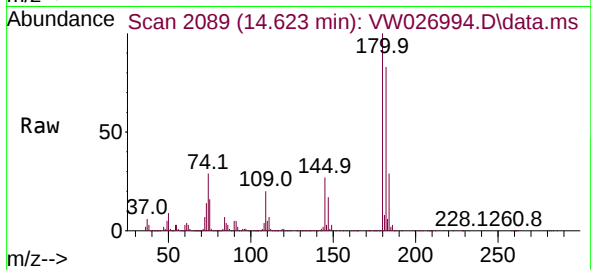
Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 375492

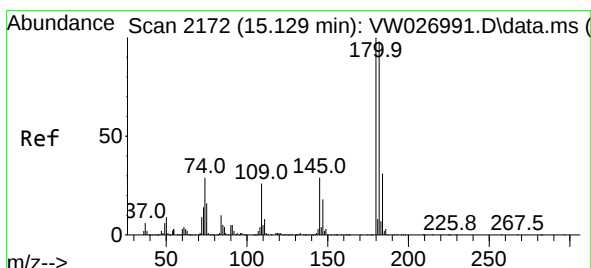
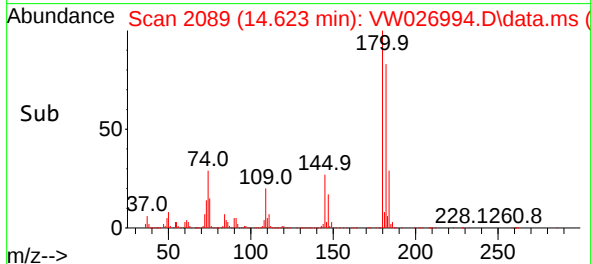
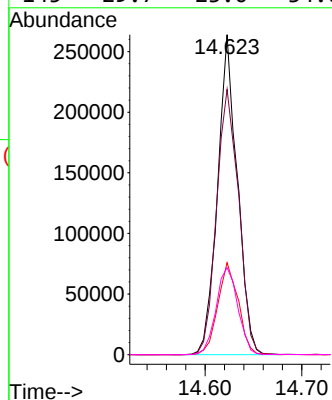
Ion Ratio Lower Upper

180 100

182 92.2 73.6 110.4

184 29.7 23.6 35.4

145 29.7 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 29.720 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

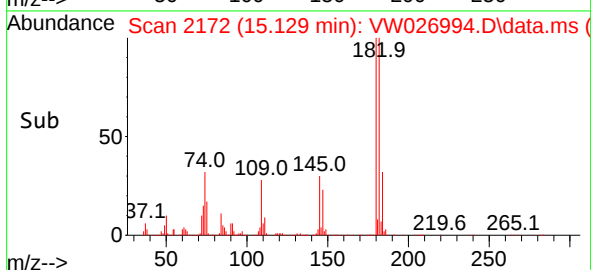
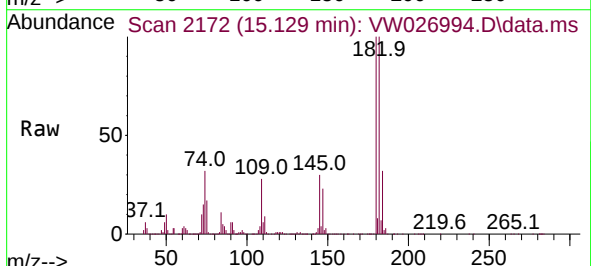
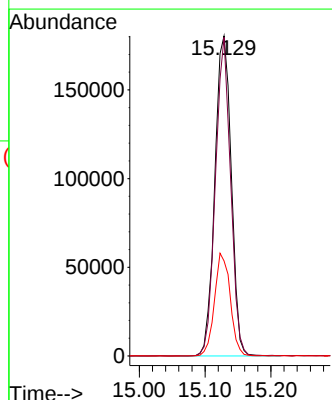
Tgt Ion:180 Resp: 313552

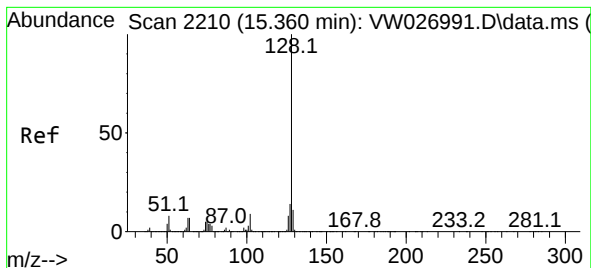
Ion Ratio Lower Upper

180 100

182 91.8 81.0 121.6

145 30.8 24.8 37.2





#71

Naphthalene

Concen: 32.730 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

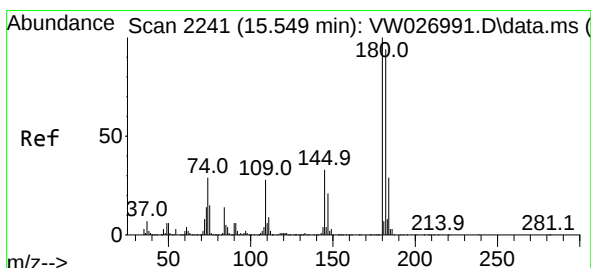
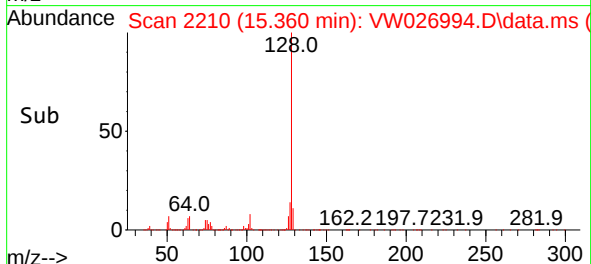
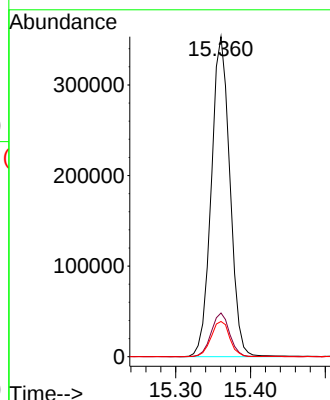
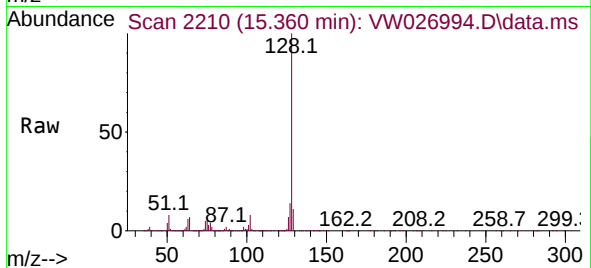
Tgt Ion:128 Resp: 611007

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 29.911 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026994.D

Acq: 05 Sep 2023 14:08

Tgt Ion:180 Resp: 286073

Ion Ratio Lower Upper

180 100

182 92.7 76.2 114.4

145 32.6 25.6 38.4

