

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090123\
 Data File : VW026983.D
 Acq On : 01 Sep 2023 09:46
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 02 00:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	699601	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	660110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	373916	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	266147	23.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.893	69	244085	28.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.160%
11) 1,1-Dichloroethene-d2	4.021	65	107962	19.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.360%
21) 2-Butanone-d5	7.075	46	146036	44.180	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.360%
24) Chloroform-d	7.648	84	575236	24.498	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	8.307	65	287578	22.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.270	84	1148370	25.242	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	347385	24.514	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.319	98	1034332	26.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.960%
43) trans-1,3-Dichloroprop...	10.575	79	135248	23.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.480%
47) 2-Hexanone-d5	10.922	63	78899	52.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	304068	27.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	371814	27.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	149123	15.677	ug/L	94
3) Chloromethane	2.216	50	235001	18.068	ug/L	99
5) Vinyl chloride	2.369	62	299869	24.117	ug/L	98
6) Bromomethane	2.783	94	193894	26.765	ug/L	97
8) Chloroethane	2.930	64	200288	26.884	ug/L	99
9) Trichlorofluoromethane	3.259	101	183519	17.985	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	262150	23.784	ug/L	93
12) 1,1-Dichloroethene	4.045	96	237559	22.973	ug/L	81
13) Acetone	4.119	43	132513	40.318	ug/L	92
14) Carbon disulfide	4.393	76	606412	16.301	ug/L	99
16) Methylene chloride	4.917	84	284296	21.007	ug/L	88
17) trans-1,2-Dichloroethene	5.423	96	261310	22.646	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	424869	24.334	ug/L	96
19) 1,1-Dichloroethane	6.216	63	521774	21.970	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	314096	25.324	ug/L	86
22) 2-Butanone	7.167	43	169673	35.031	ug/L	88
23) Bromochloromethane	7.514	128	133983	25.008	ug/L	# 79
25) Chloroform	7.679	83	520247	22.675	ug/L	98
27) 1,2-Dichloroethane	8.398	62	325976	20.366	ug/L	95

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 Response via : Initial Calibration

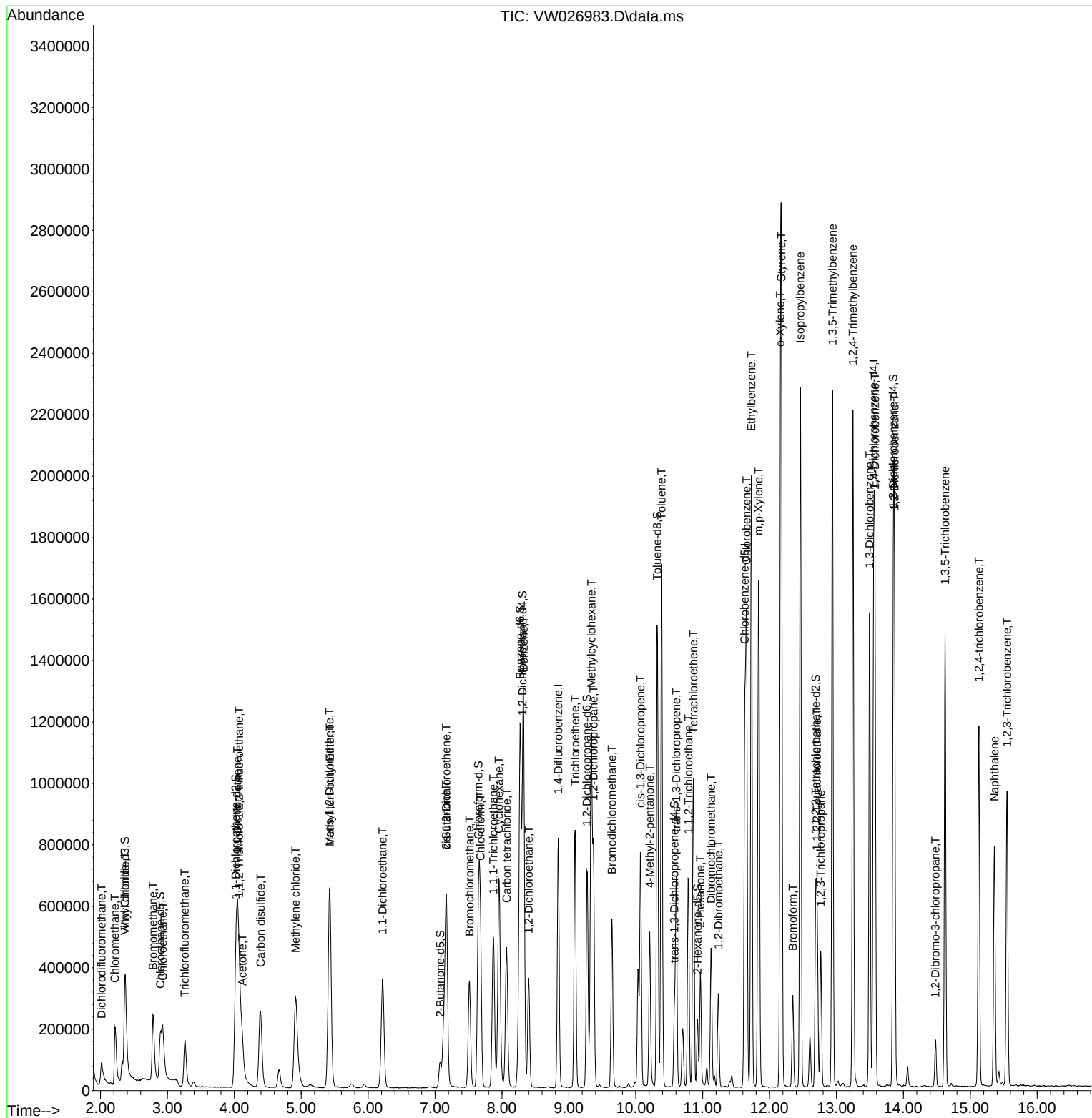
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	408782	20.025	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	406196	23.578	ug/L	98
31) Carbon tetrachloride	8.069	117	351817	22.335	ug/L	94
33) Benzene	8.325	78	1148341	23.888	ug/L	100
34) Trichloroethene	9.093	95	298990	24.421	ug/L	94
35) Methylcyclohexane	9.337	83	483859	23.102	ug/L	91
37) 1,2-Dichloropropane	9.368	63	296389	22.510	ug/L #	97
38) Bromodichloromethane	9.642	83	368693	23.869	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	459268	24.246	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	328806	38.390	ug/L #	92
42) Toluene	10.386	91	1261406	25.940	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	386436	23.702	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	227108	25.220	ug/L	95
46) Tetrachloroethene	10.861	164	234566	26.372	ug/L	95
48) 2-Hexanone	10.965	43	230982	39.634	ug/L #	92
49) Dibromochloromethane	11.123	129	244779	25.989	ug/L	96
50) 1,2-Dibromoethane	11.233	107	209398	24.782	ug/L	92
51) Chlorobenzene	11.654	112	806539	26.257	ug/L	98
52) Ethylbenzene	11.727	91	1399648	25.667	ug/L	97
53) m,p-Xylene	11.837	106	533222	26.394	ug/L	96
54) o-Xylene	12.160	106	522420	27.708	ug/L	98
55) Styrene	12.178	104	904518	27.591	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	267870	23.488	ug/L	100
59) Bromoform	12.349	173	139742	23.857	ug/L	97
60) Isopropylbenzene	12.459	105	1432218	25.763	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	186373	20.548	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	1196678	27.234	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1167280	27.109	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	618467	25.581	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	649426	25.739	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	570867	25.966	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	40950	18.728	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	453835	27.785	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	379297	27.388	ug/L	97
71) Naphthalene	15.360	128	661871	25.055	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	334072	26.745	ug/L	98

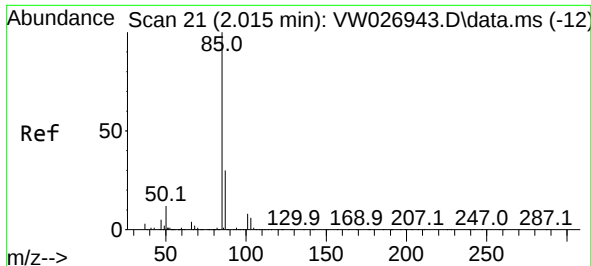
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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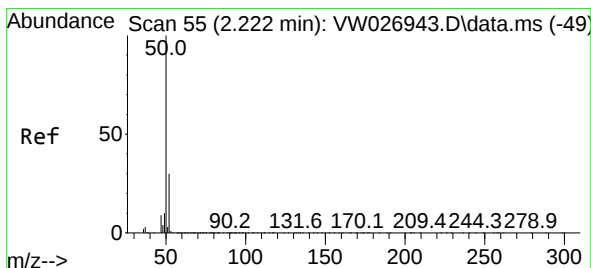
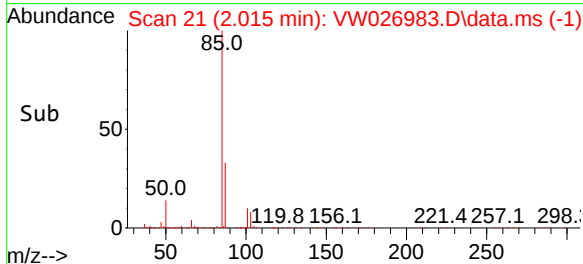
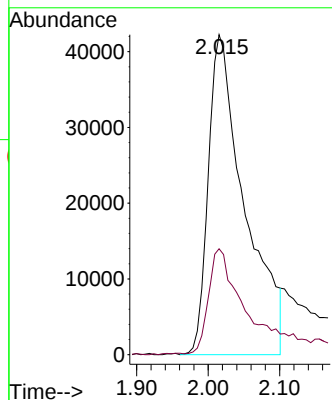
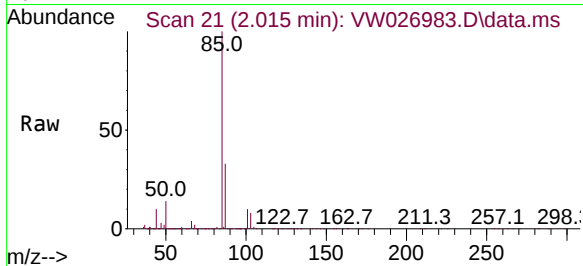




#2
Dichlorodifluoromethane
Concen: 15.677 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

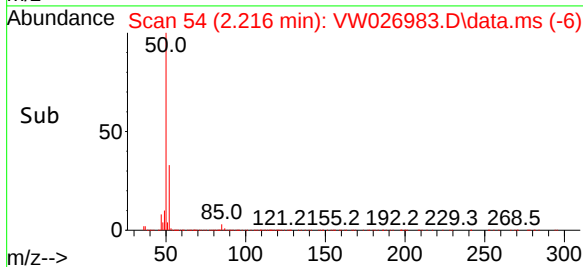
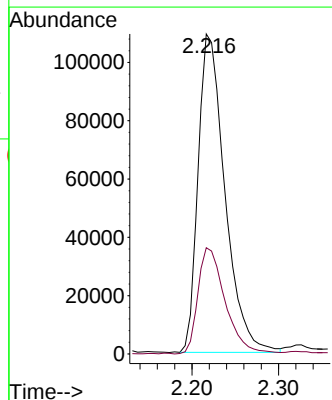
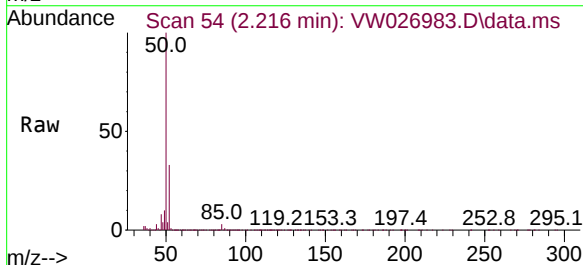
Instrument :
MSVOA_W
ClientSampleId :

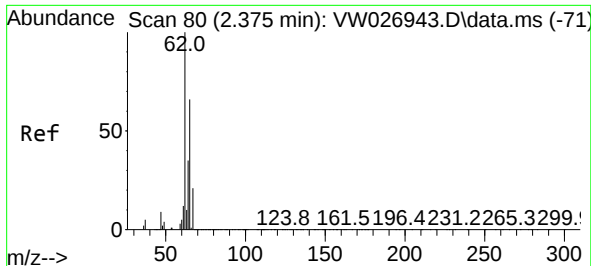
Tgt Ion: 85 Resp: 149123
Ion Ratio Lower Upper
85 100
87 27.2 19.5 29.3



#3
Chloromethane
Concen: 18.068 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion: 50 Resp: 235001
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8



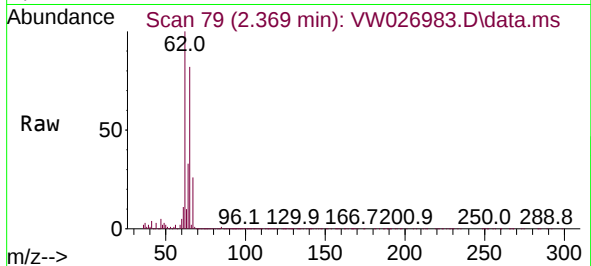


#5
 Vinyl chloride
 Concen: 24.117 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

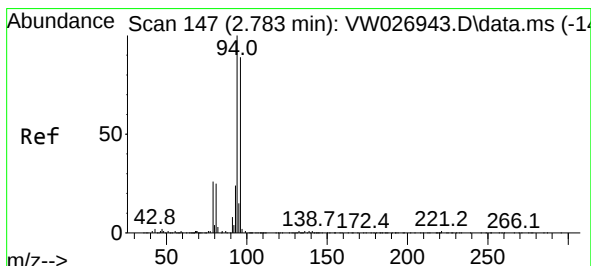
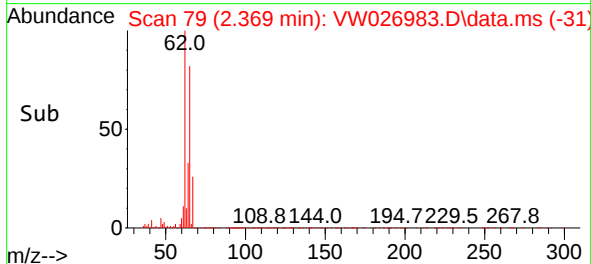
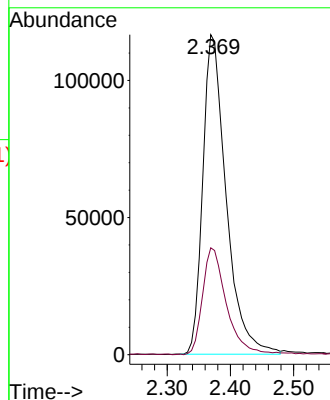
Instrument :

MSVOA_W

ClientSampleId :

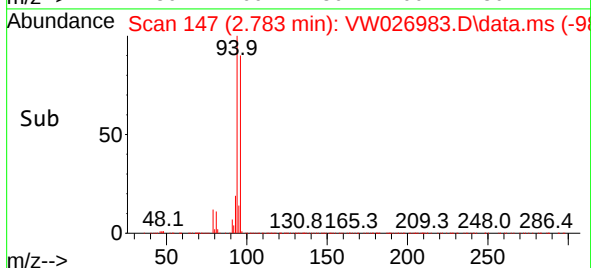
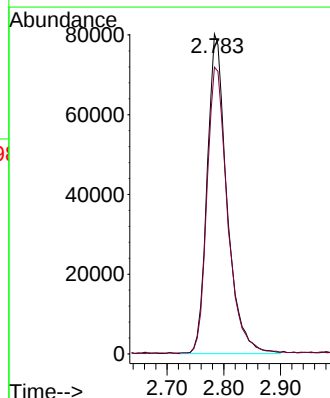
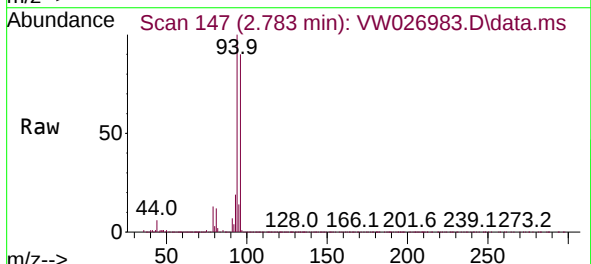


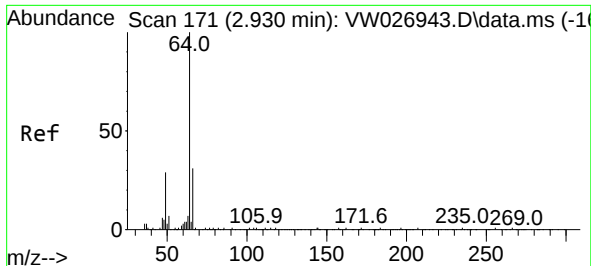
Tgt Ion: 62 Resp: 299869
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.3



#6
 Bromomethane
 Concen: 26.765 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

Tgt Ion: 94 Resp: 193894
 Ion Ratio Lower Upper
 94 100
 96 89.6 64.8 120.3

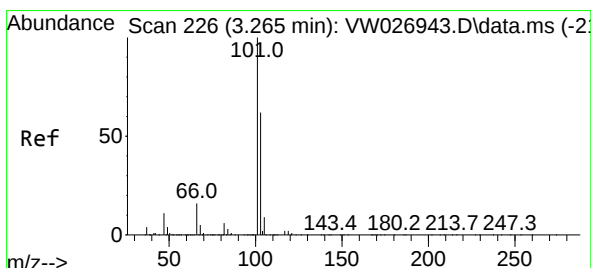
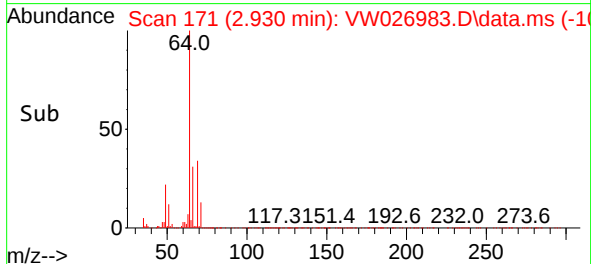
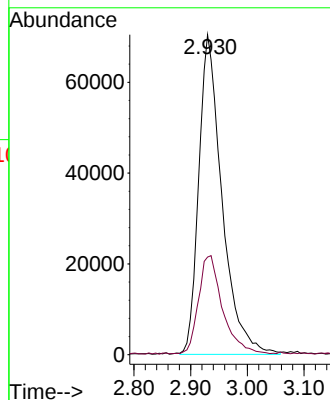
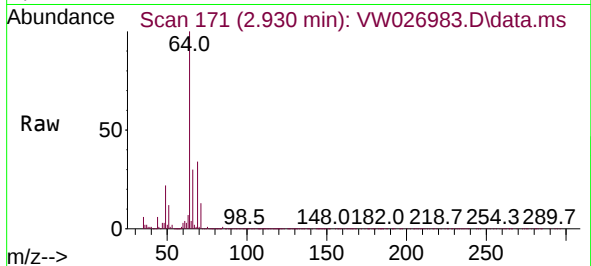




#8
Chloroethane
Concen: 26.884 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

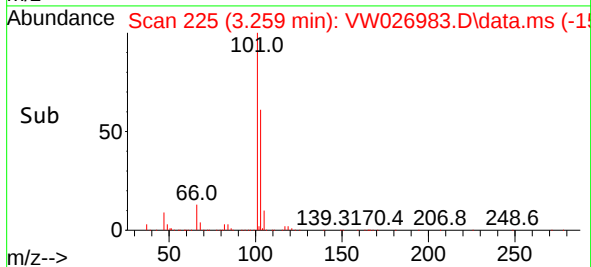
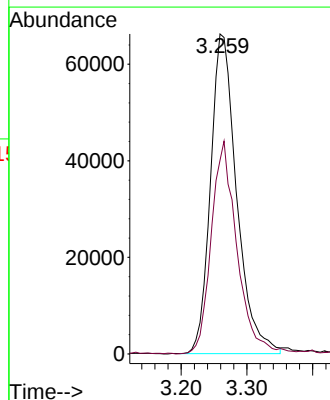
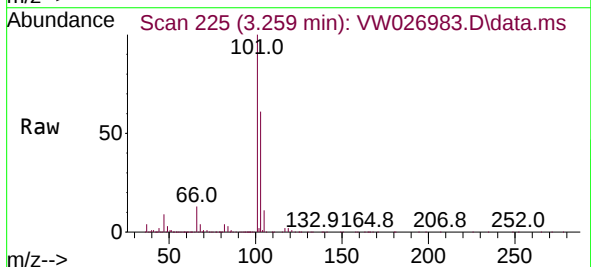
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MSVOA_W
ClientSampleId :

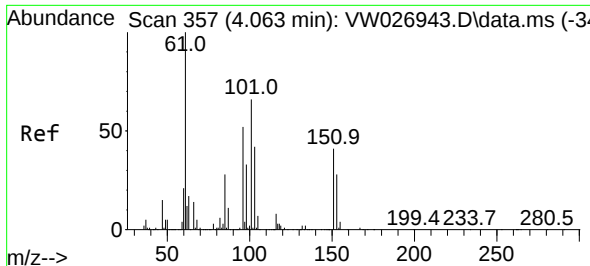
Tgt Ion: 64 Resp: 200288
Ion Ratio Lower Upper
64 100
66 30.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.985 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion:101 Resp: 183519
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.784 ug/L

RT: 4.070 min Scan# 357

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

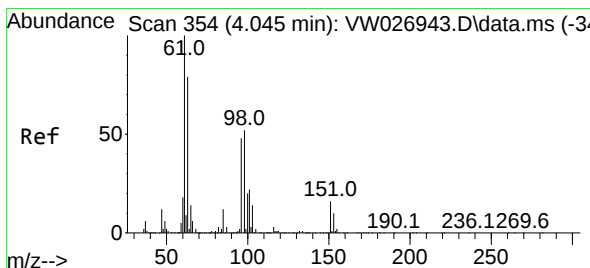
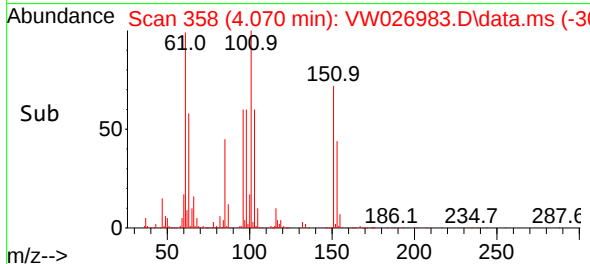
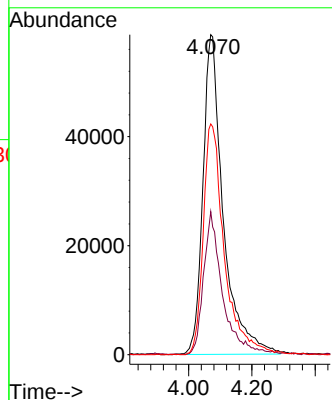
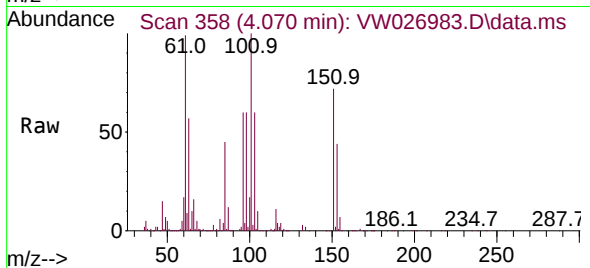
Tgt Ion:101 Resp: 262150

Ion Ratio Lower Upper

101 100

85 37.4 32.8 49.2

151 74.7 54.4 81.6



#12

1,1-Dichloroethene

Concen: 22.973 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

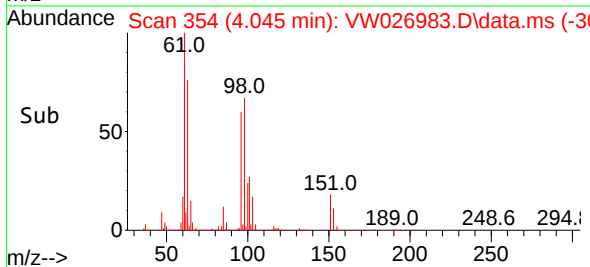
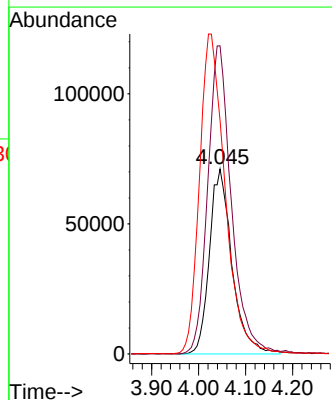
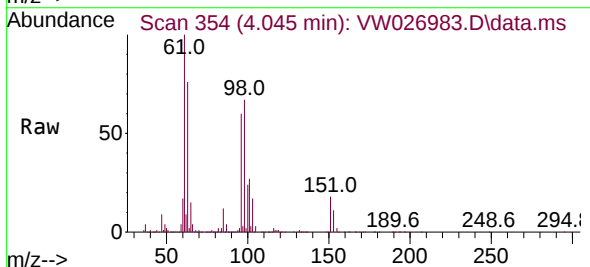
Tgt Ion: 96 Resp: 237559

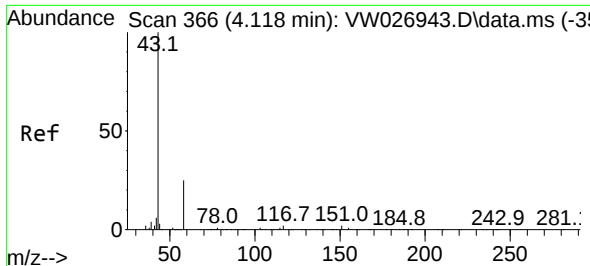
Ion Ratio Lower Upper

96 100

61 166.7 133.2 247.4

63 126.5 109.0 202.4

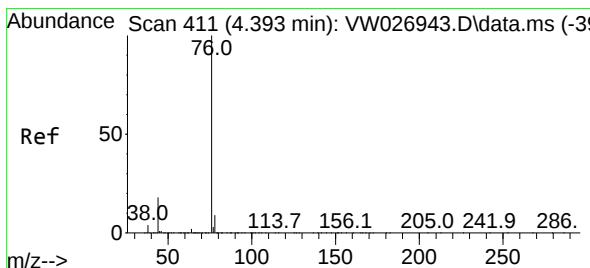
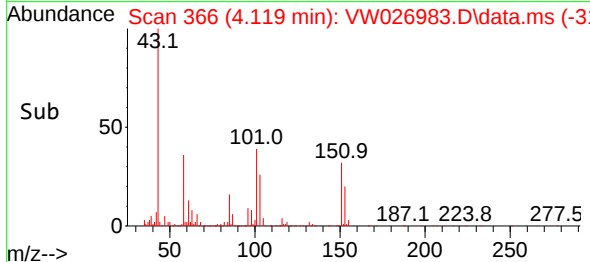
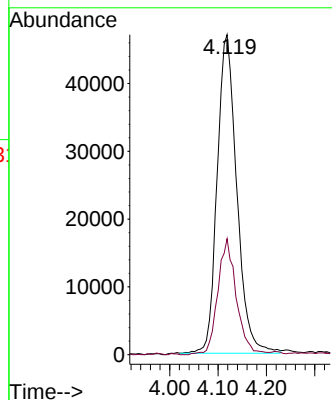
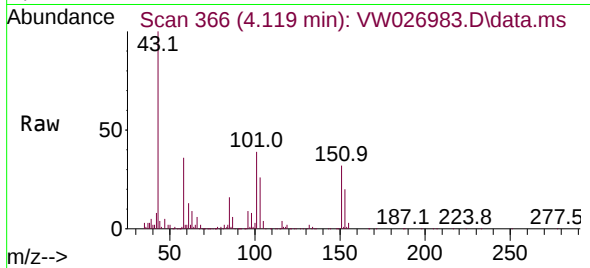




#13
Acetone
Concen: 40.318 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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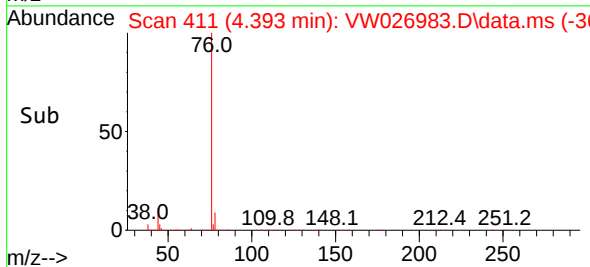
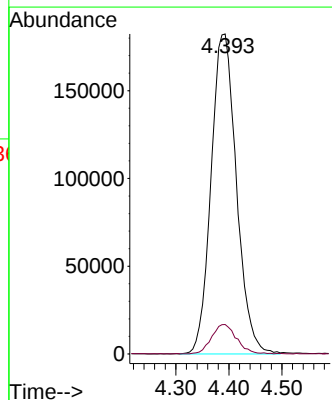
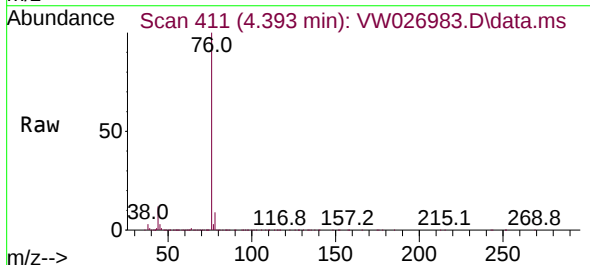
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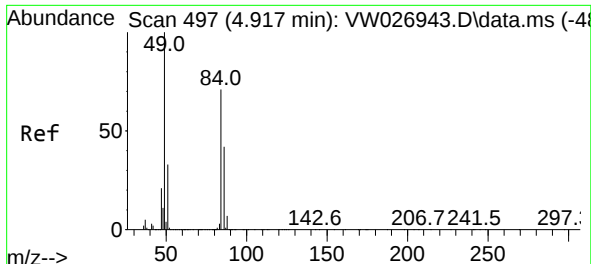
Tgt Ion: 43 Resp: 132513
Ion Ratio Lower Upper
43 100
58 32.8 0.0 57.4



#14
Carbon disulfide
Concen: 16.301 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 606412
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

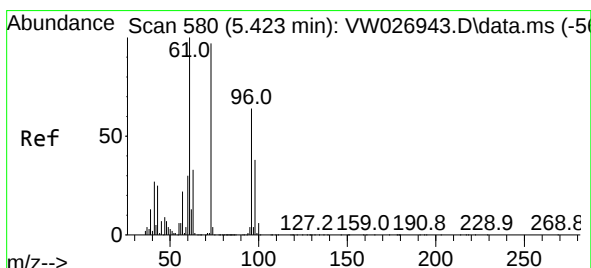
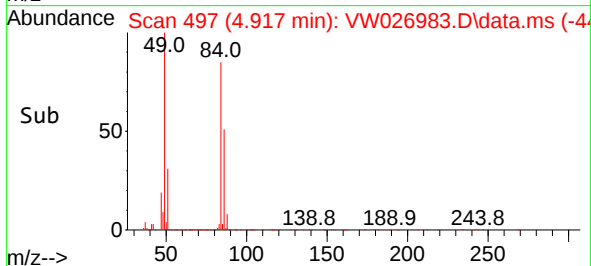
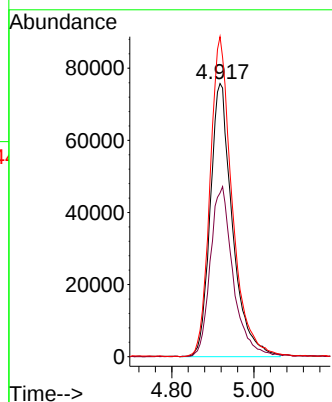
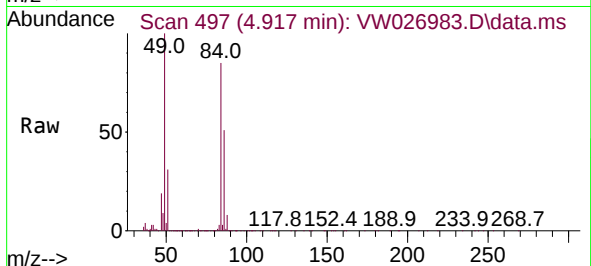




#16
Methylene chloride
Concen: 21.007 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

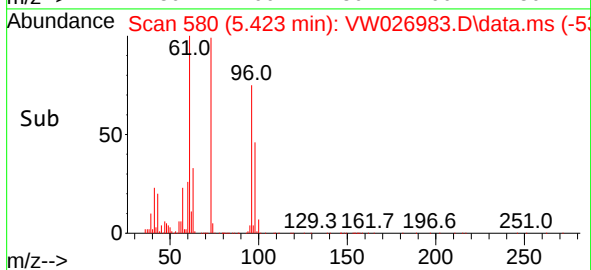
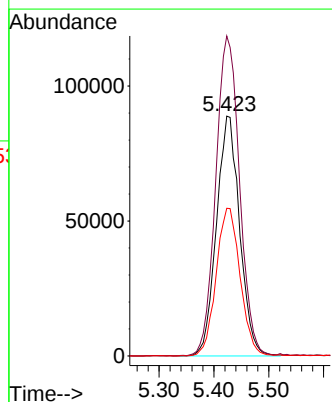
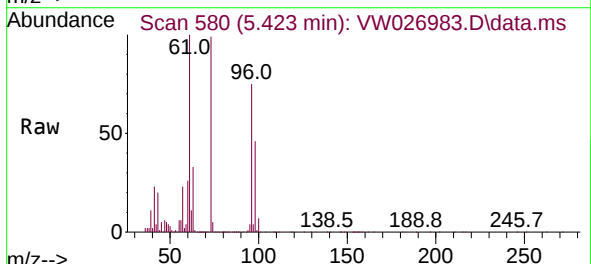
Instrument :
MSVOA_W
ClientSampleId :

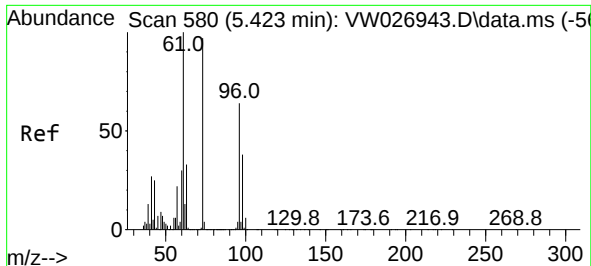
Tgt Ion: 84 Resp: 284296
Ion Ratio Lower Upper
84 100
86 59.9 43.5 80.9
49 117.2 96.0 178.2



#17
trans-1,2-Dichloroethene
Concen: 22.646 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion: 96 Resp: 261310
Ion Ratio Lower Upper
96 100
61 133.4 109.4 203.2
98 61.6 43.6 81.0

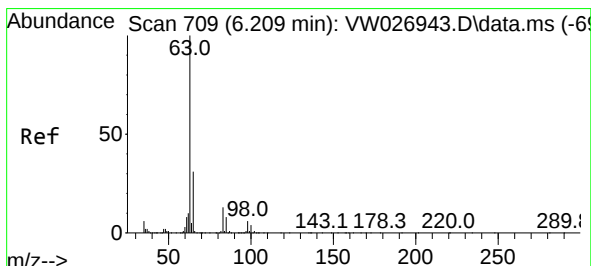
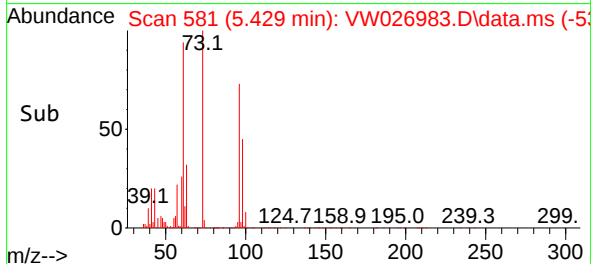
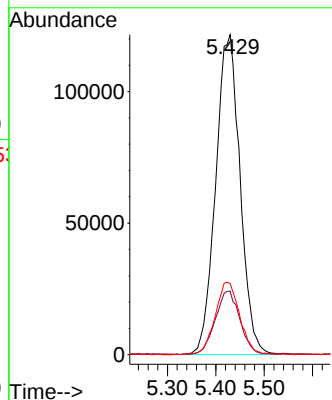
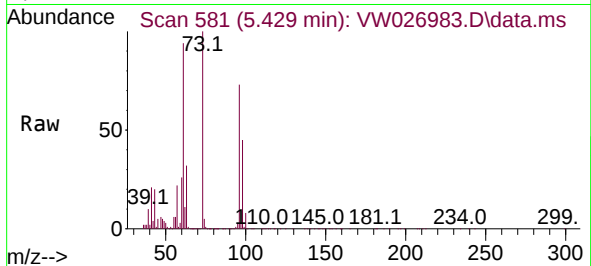




#18
Methyl tert-butyl Ether
Concen: 24.334 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

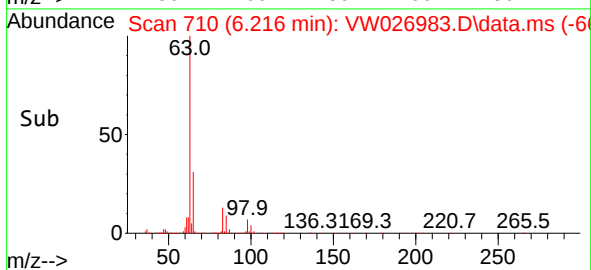
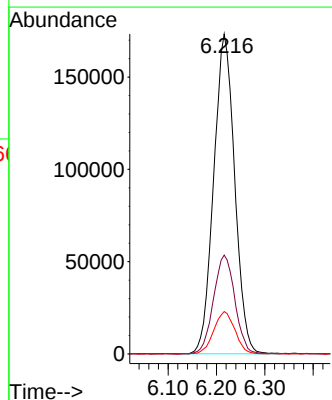
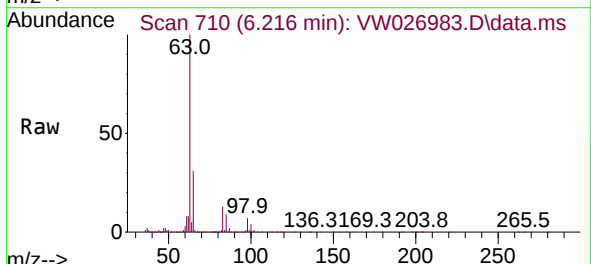
Instrument :
MSVOA_W
ClientSampleId :

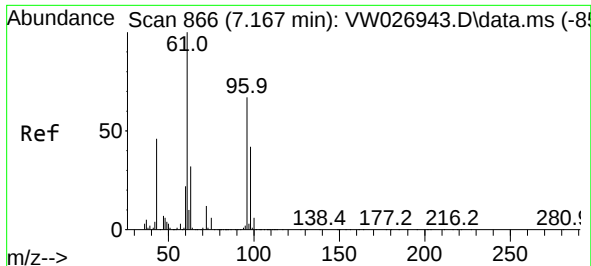
Tgt Ion: 73 Resp: 424869
Ion Ratio Lower Upper
73 100
43 19.7 18.0 27.0
57 22.7 19.3 28.9



#19
1,1-Dichloroethane
Concen: 21.970 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion: 63 Resp: 521774
Ion Ratio Lower Upper
63 100
65 30.9 21.8 40.6
83 13.2 9.0 16.6



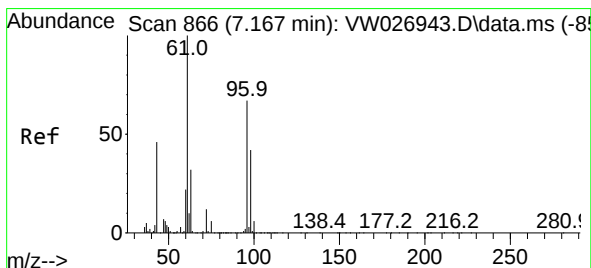
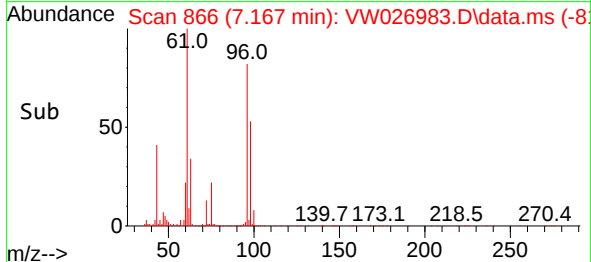
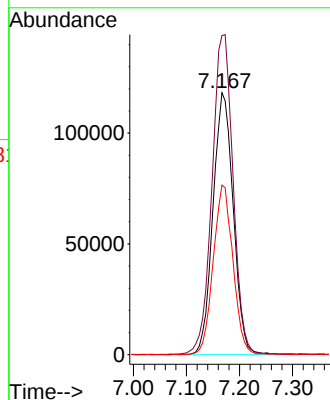
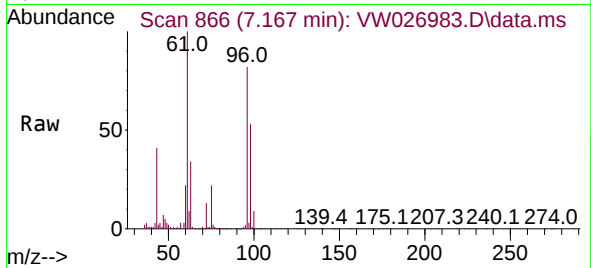


#20
 cis-1,2-Dichloroethene
 Concen: 25.324 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 314096

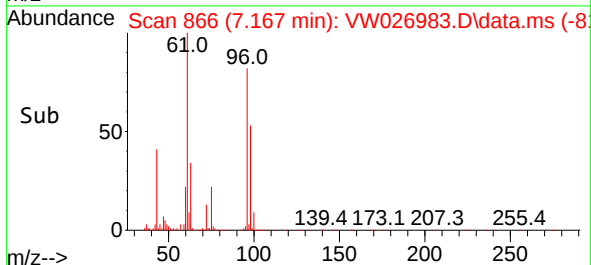
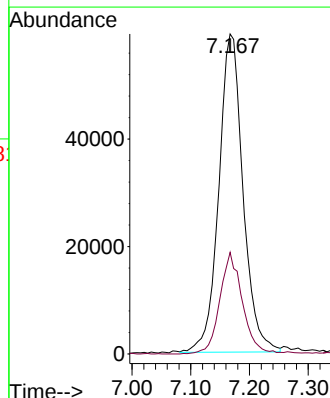
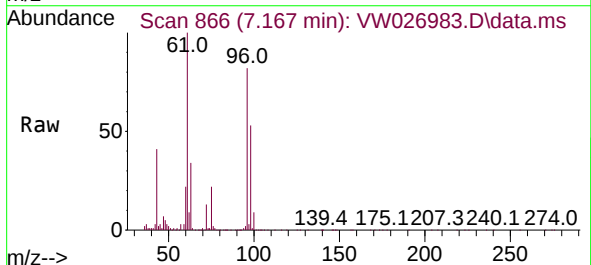
Ion	Ratio	Lower	Upper
96	100		
61	121.8	101.2	188.0
98	64.7	43.8	81.3

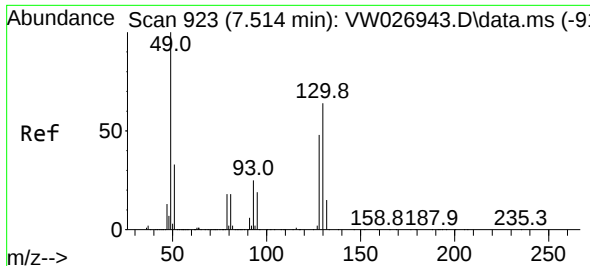


#22
 2-Butanone
 Concen: 35.031 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

Tgt Ion: 43 Resp: 169673

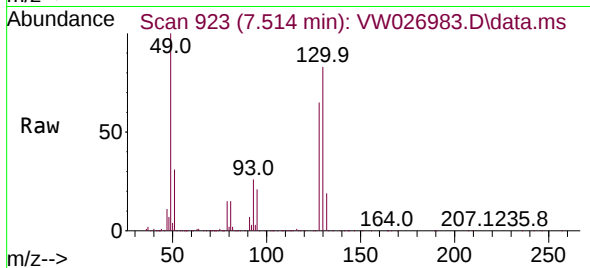
Ion	Ratio	Lower	Upper
43	100		
72	29.4	11.8	35.4



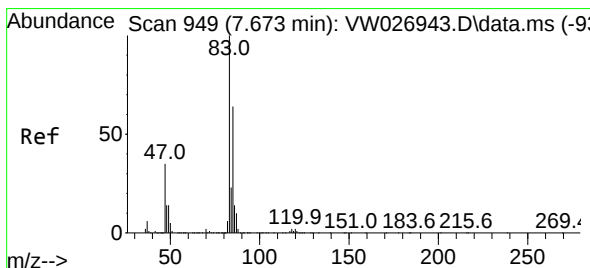
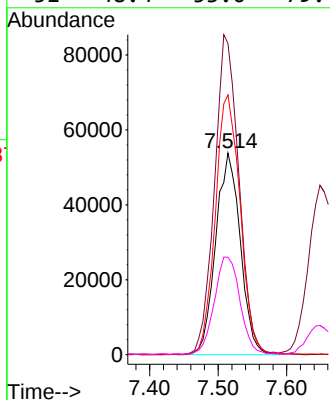
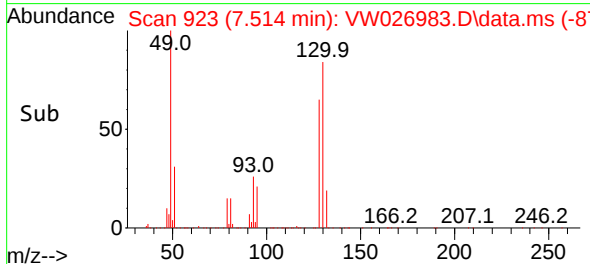


#23
Bromochloromethane
Concen: 25.008 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

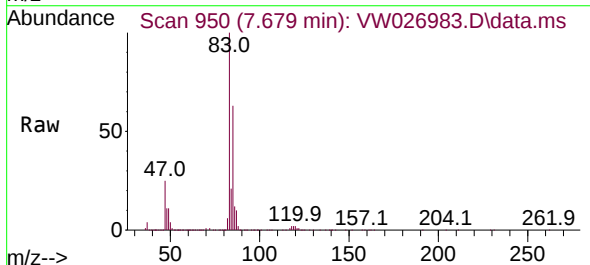
Instrument :
MSVOA_W
ClientSampleId :



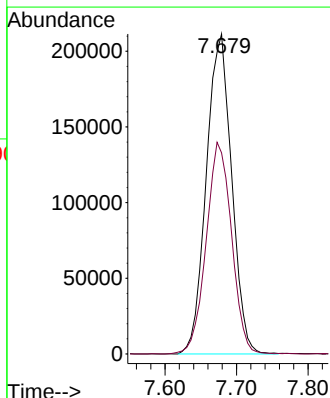
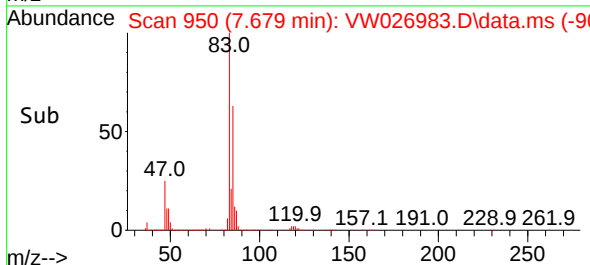
Tgt Ion:128 Resp: 133983
Ion Ratio Lower Upper
128 100
49 154.4 143.1 265.7
130 128.9 91.8 170.4
51 48.4 53.0 79.4#

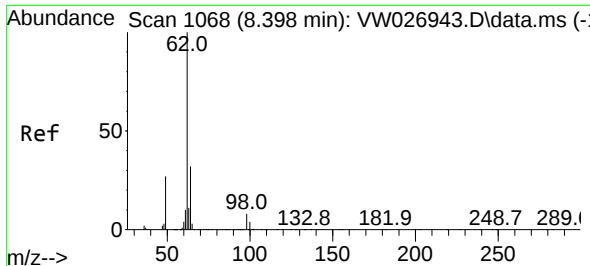


#25
Chloroform
Concen: 22.675 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46



Tgt Ion: 83 Resp: 520247
Ion Ratio Lower Upper
83 100
85 62.8 45.4 84.2





#27

1,2-Dichloroethane

Concen: 20.366 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

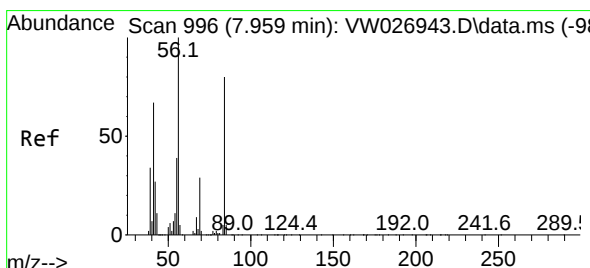
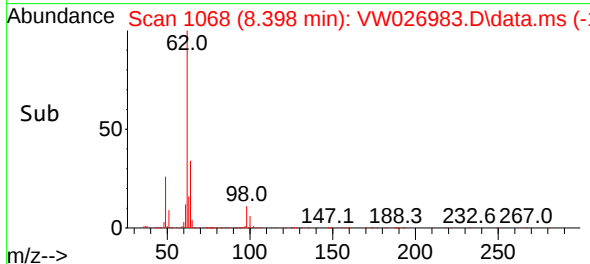
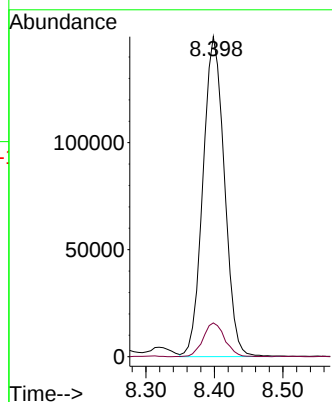
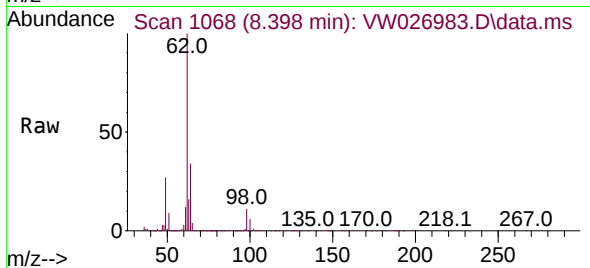
ClientSampleId :

Tgt Ion: 62 Resp: 325976

Ion Ratio Lower Upper

62 100

98 10.6 7.1 10.7



#29

Cyclohexane

Concen: 20.025 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

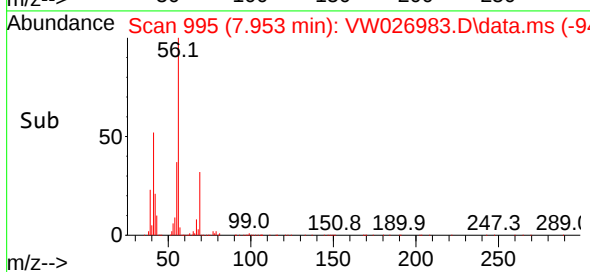
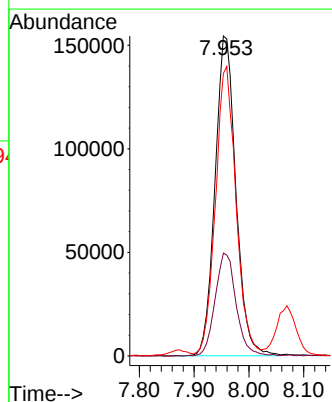
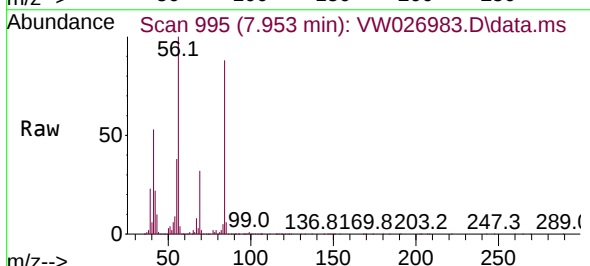
Tgt Ion: 56 Resp: 408782

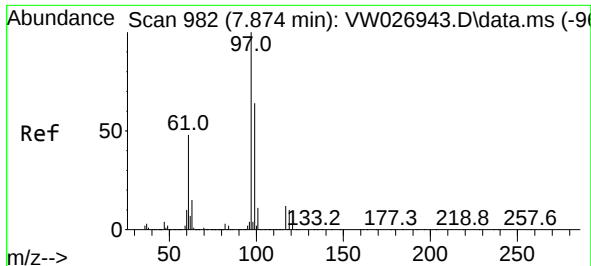
Ion Ratio Lower Upper

56 100

69 32.2 23.2 34.8

84 89.0 62.7 94.1

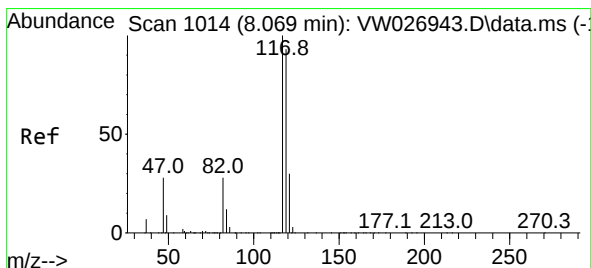
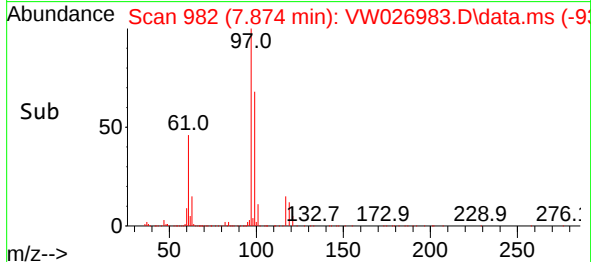
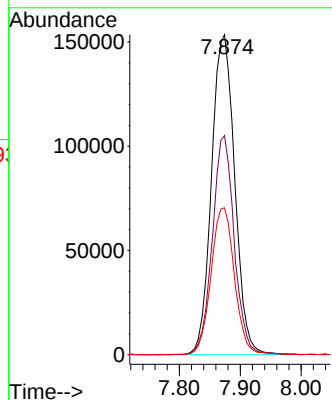
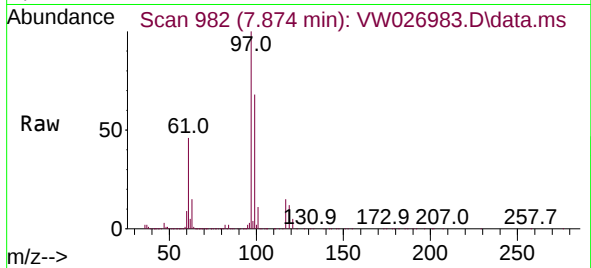




#30
1,1,1-Trichloroethane
Concen: 23.578 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

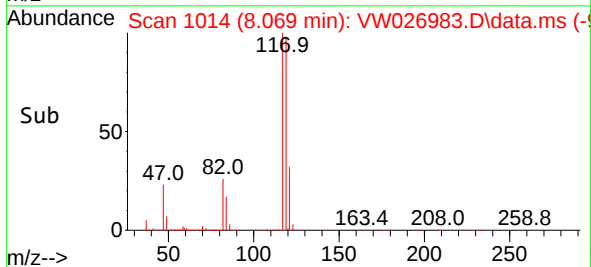
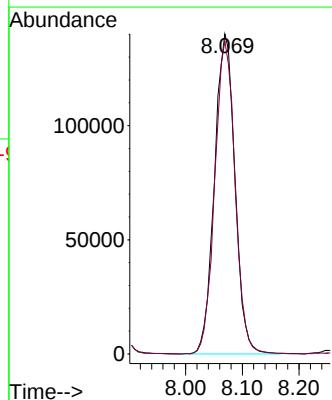
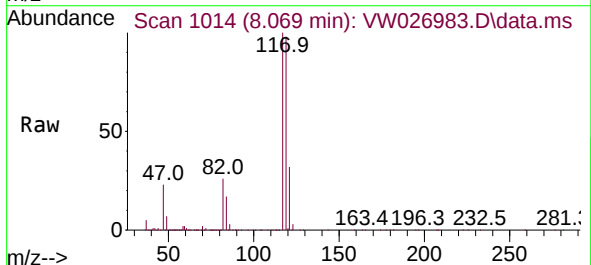
Instrument :
MSVOA_W
ClientSampleId :

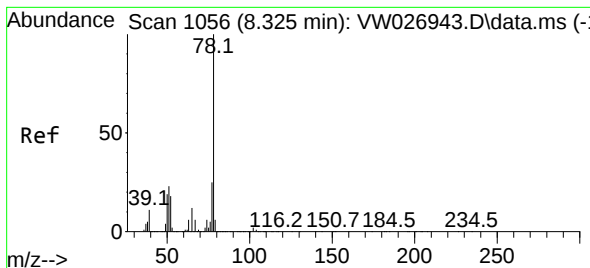
Tgt Ion: 97 Resp: 406196
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 46.0 39.2 58.8



#31
Carbon tetrachloride
Concen: 22.335 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion: 117 Resp: 351817
Ion Ratio Lower Upper
117 100
119 96.6 73.0 109.4





#33

Benzene

Concen: 23.888 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW026983.D

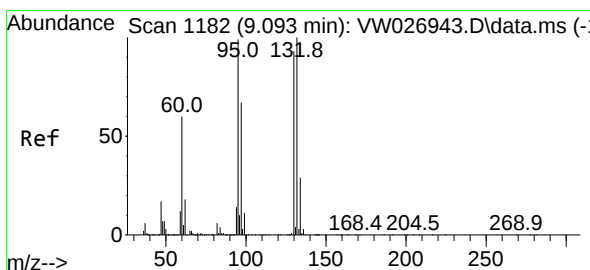
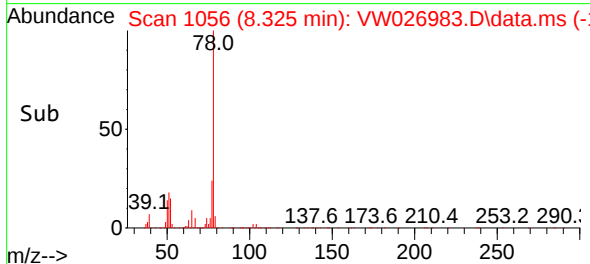
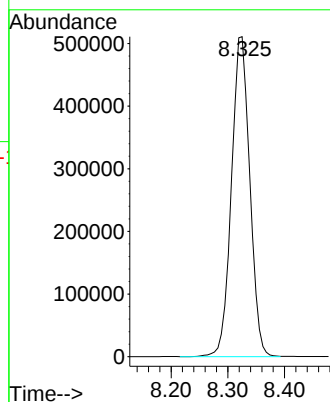
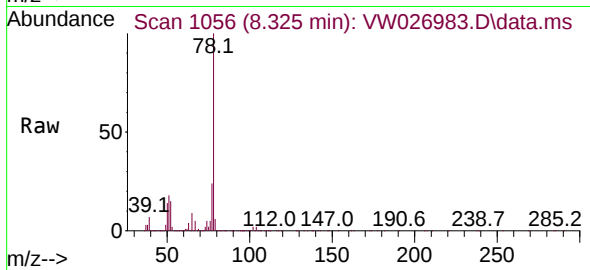
Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 1148341



#34

Trichloroethene

Concen: 24.421 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Tgt Ion: 95 Resp: 298990

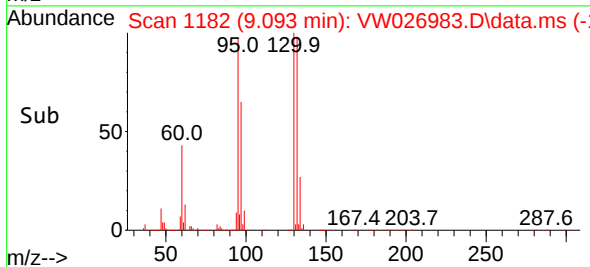
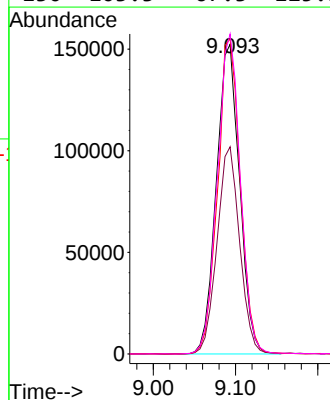
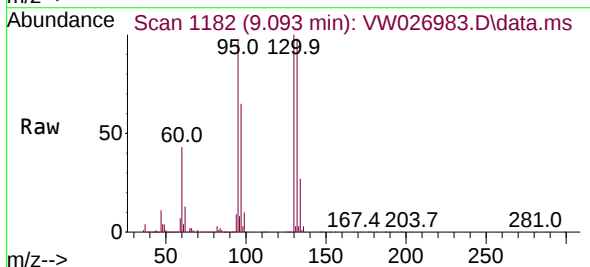
Ion Ratio Lower Upper

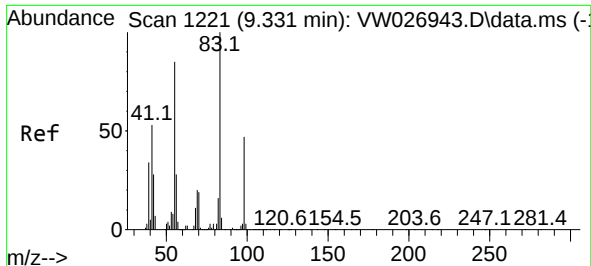
95 100

97 66.9 44.6 82.8

132 101.8 66.4 123.2

130 103.3 67.3 125.1

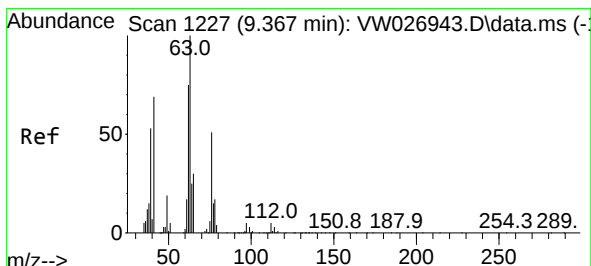
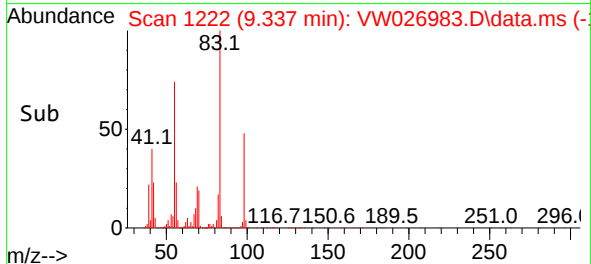
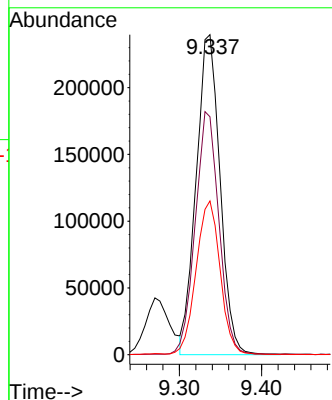
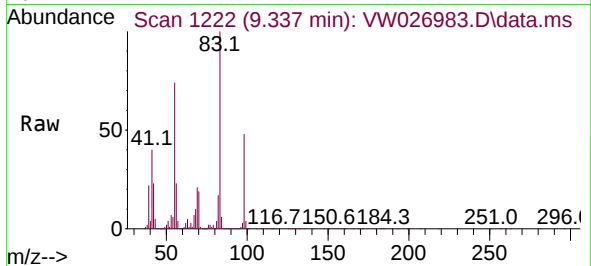




#35
Methylcyclohexane
Concen: 23.102 ug/L
RT: 9.337 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

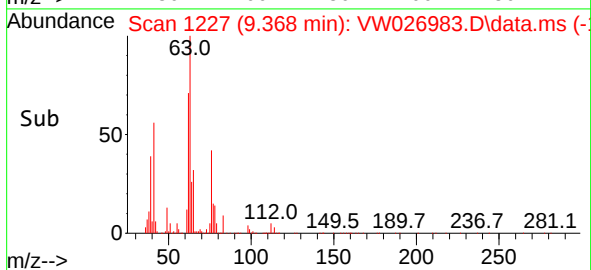
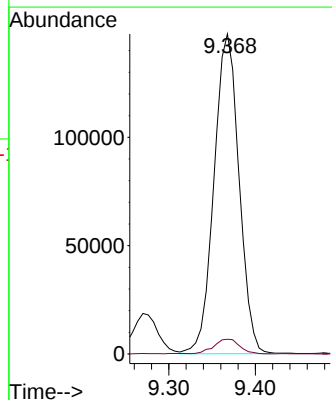
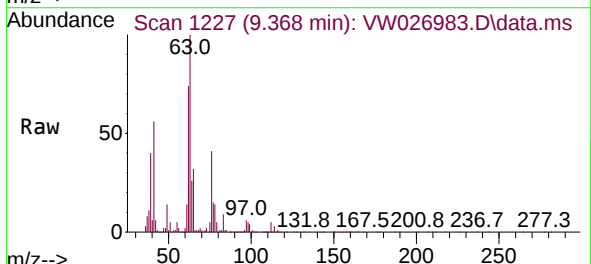
Instrument :
MSVOA_W
ClientSampleId :

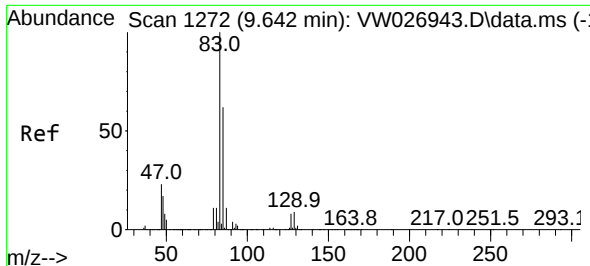
Tgt Ion: 83 Resp: 483859
Ion Ratio Lower Upper
83 100
55 75.3 69.3 103.9
98 48.4 37.4 56.0



#37
1,2-Dichloropropane
Concen: 22.510 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion: 63 Resp: 296389
Ion Ratio Lower Upper
63 100
112 4.7 3.1 4.7#

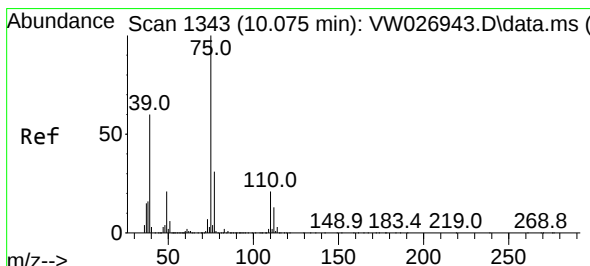
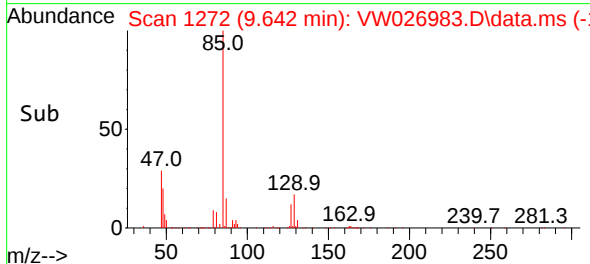
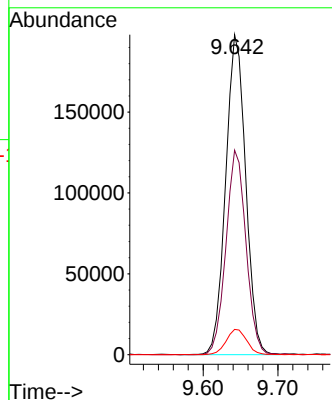
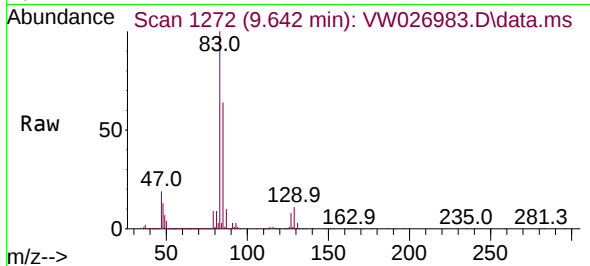




#38
Bromodichloromethane
Concen: 23.869 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

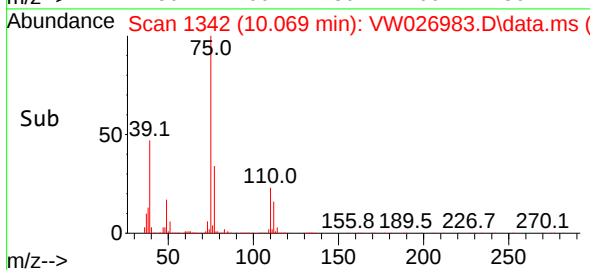
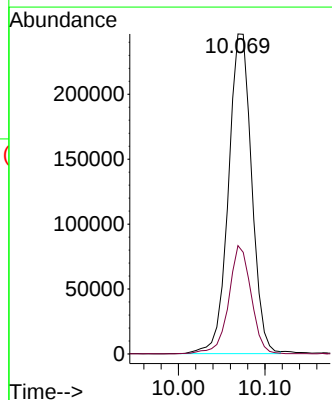
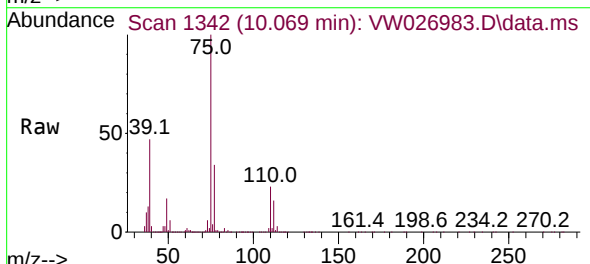
Instrument :
MSVOA_W
ClientSampleId :

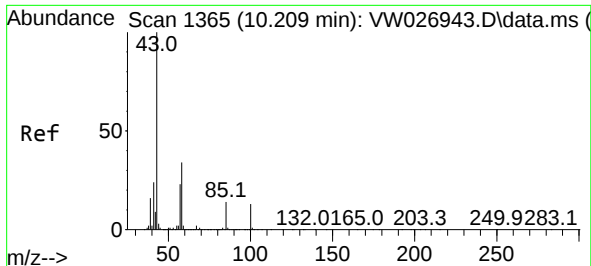
Tgt Ion: 83 Resp: 368693
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2
127 7.9 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 24.246 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion: 75 Resp: 459268
Ion Ratio Lower Upper
75 100
77 33.9 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 38.390 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

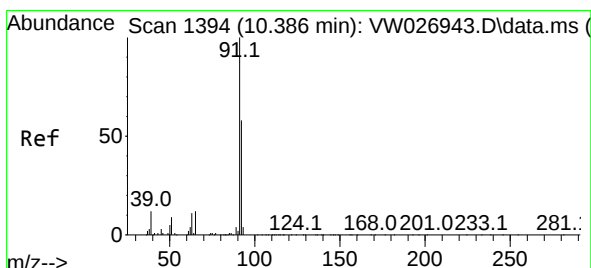
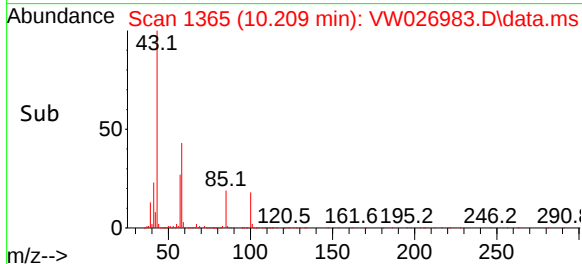
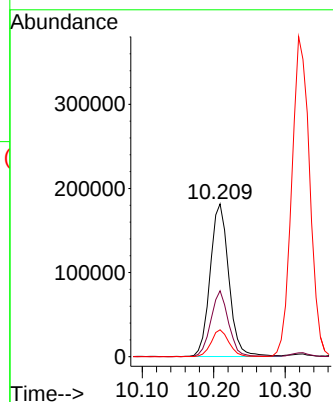
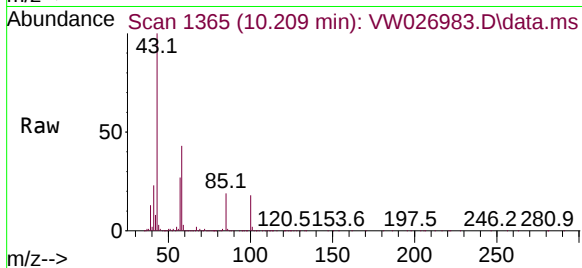
Tgt Ion: 43 Resp: 328806

Ion Ratio Lower Upper

43 100

58 40.8 29.2 43.8

100 16.8 10.7 16.1#



#42

Toluene

Concen: 25.940 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026983.D

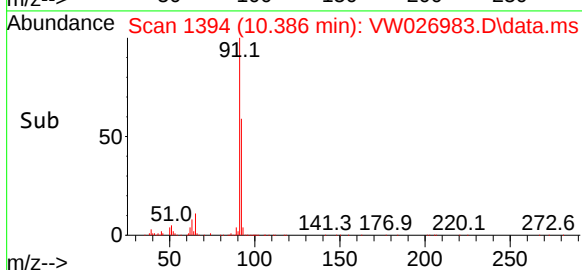
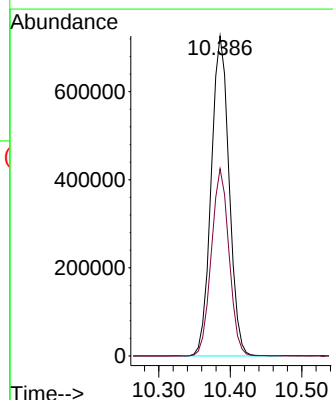
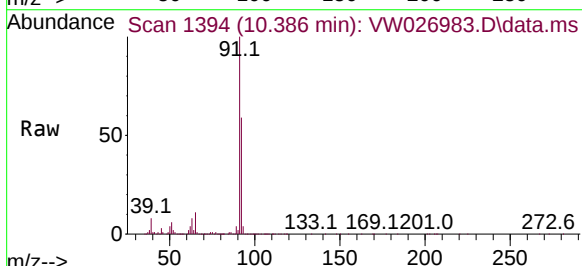
Acq: 01 Sep 2023 09:46

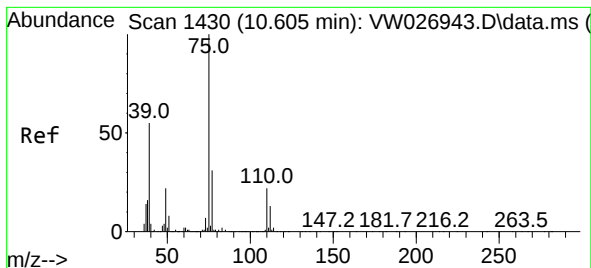
Tgt Ion: 91 Resp: 1261406

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 23.702 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

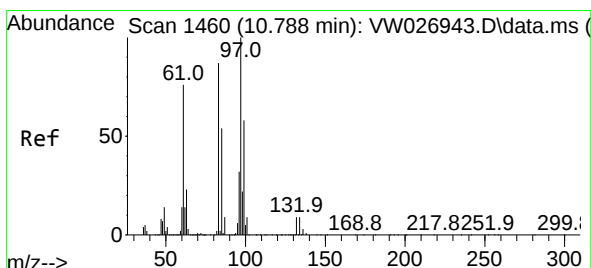
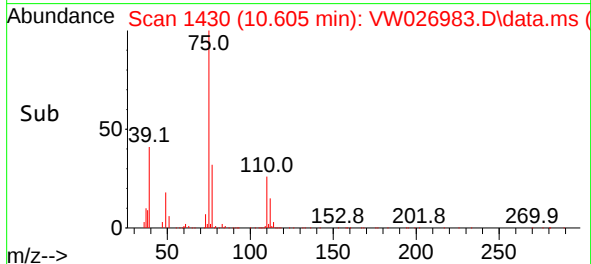
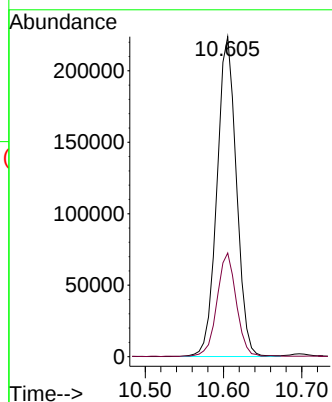
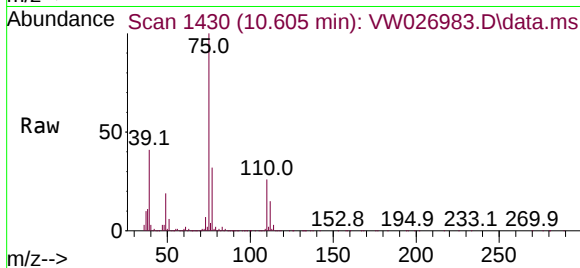
ClientSampleId :

Tgt Ion: 75 Resp: 386436

Ion Ratio Lower Upper

75 100

77 32.4 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 25.220 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Tgt Ion: 97 Resp: 227108

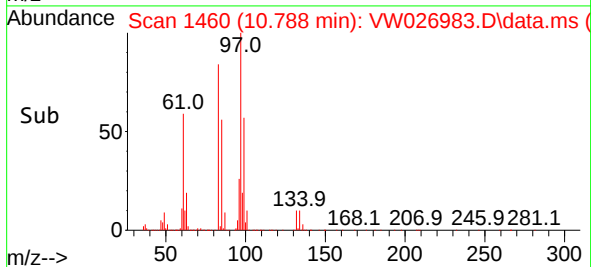
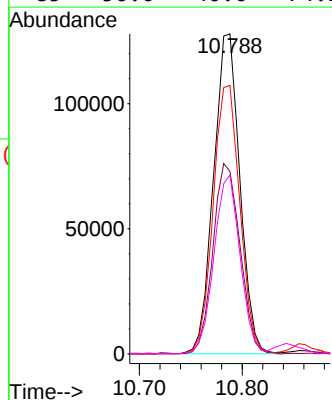
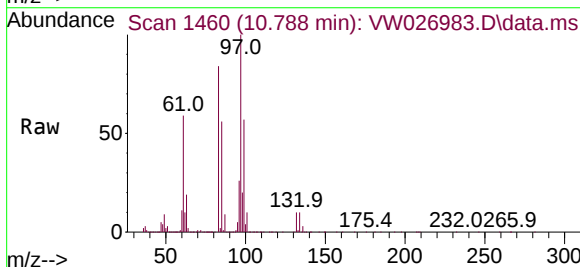
Ion Ratio Lower Upper

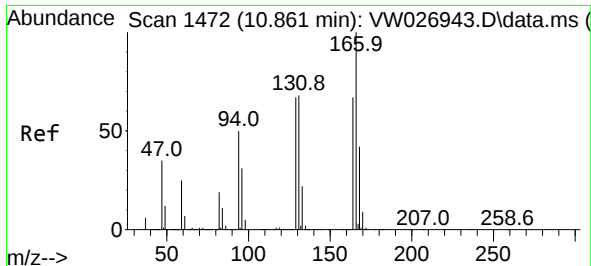
97 100

99 57.1 44.2 82.0

83 83.9 61.9 114.9

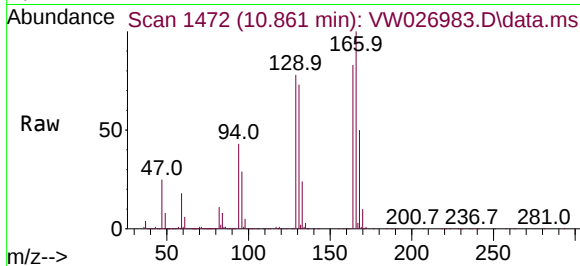
85 56.0 40.0 74.2



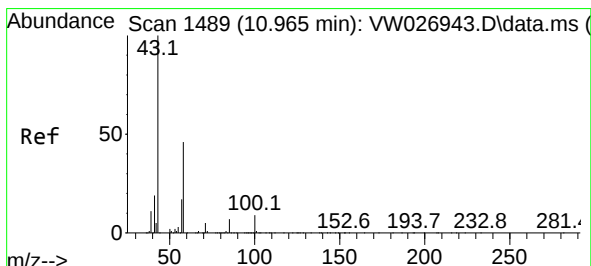
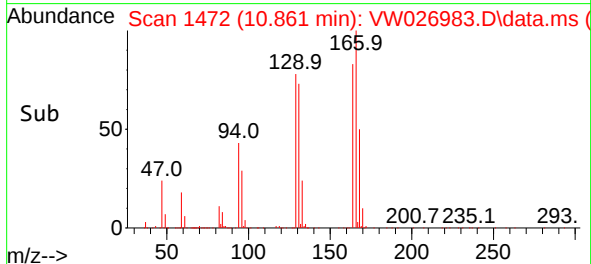
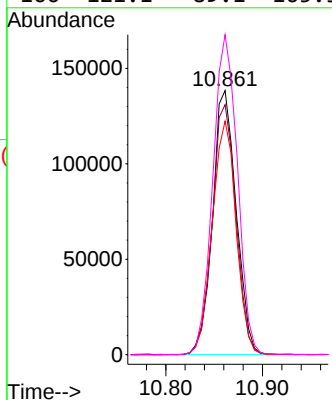


#46
Tetrachloroethene
Concen: 26.372 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Instrument :
MSVOA_W
ClientSampleId :

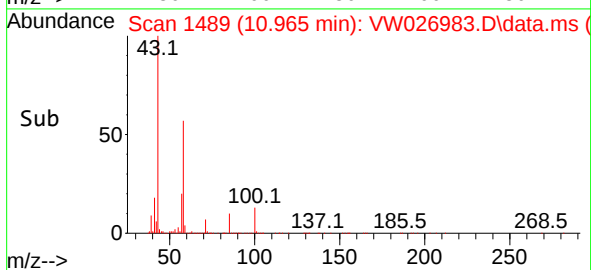
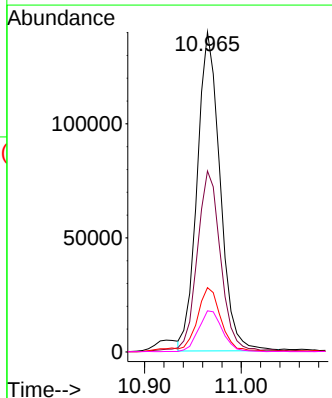
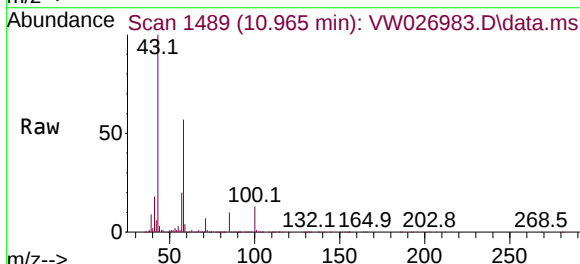


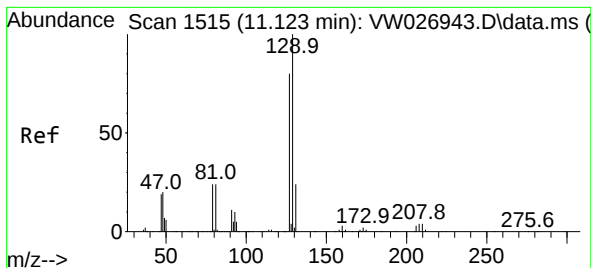
Tgt Ion:	164	Resp:	234566
Ion	Ratio	Lower	Upper
164	100		
129	94.7	68.1	126.5
131	88.4	65.5	121.7
166	121.1	89.1	165.5



#48
2-Hexanone
Concen: 39.634 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion:	43	Resp:	230982
Ion	Ratio	Lower	Upper
43	100		
58	58.5	41.1	61.7
57	19.4	14.3	21.5
100	13.5	8.8	13.2





#49

Dibromochloromethane

Concen: 25.989 ug/L

RT: 11.123 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

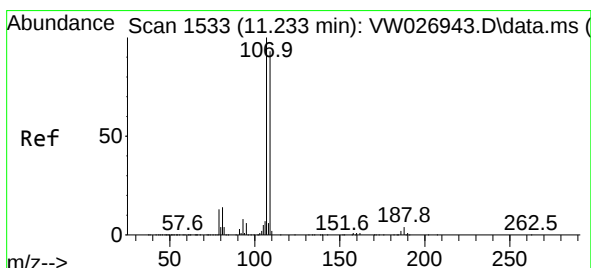
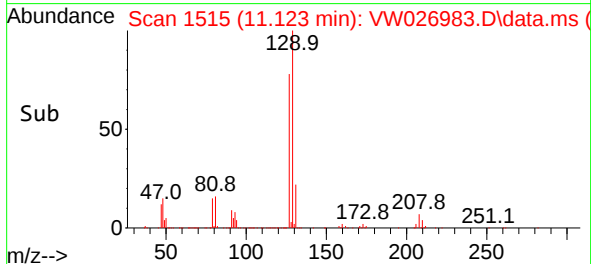
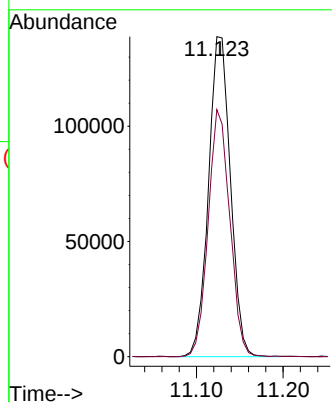
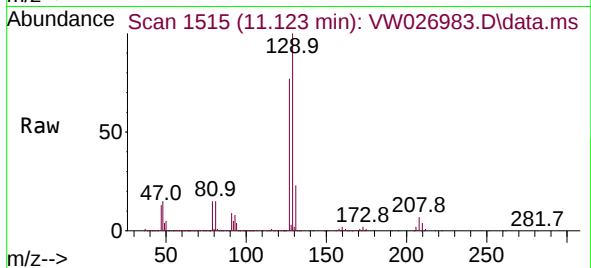
ClientSampleId :

Tgt Ion:129 Resp: 244779

Ion Ratio Lower Upper

129 100

127 77.2 56.6 105.2



#50

1,2-Dibromoethane

Concen: 24.782 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

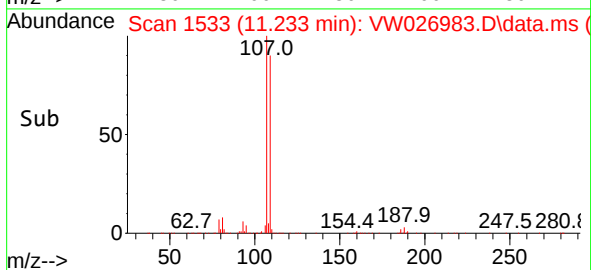
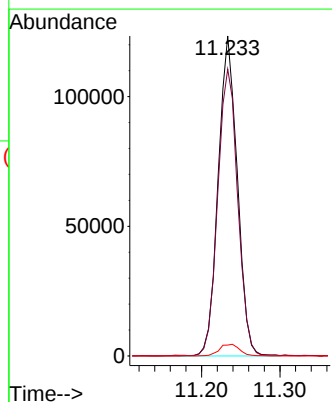
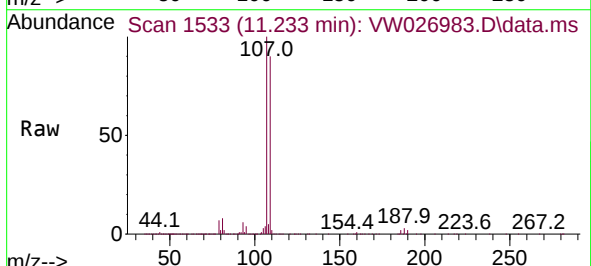
Tgt Ion:107 Resp: 209398

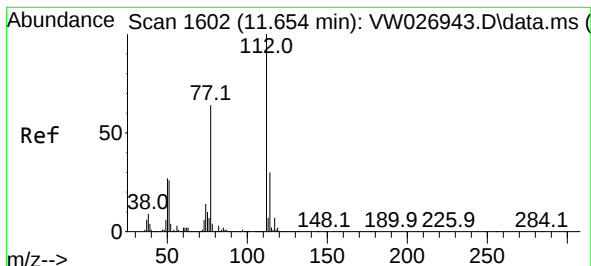
Ion Ratio Lower Upper

107 100

109 89.7 68.8 127.8

188 3.4 2.7 4.1





#51

Chlorobenzene

Concen: 26.257 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

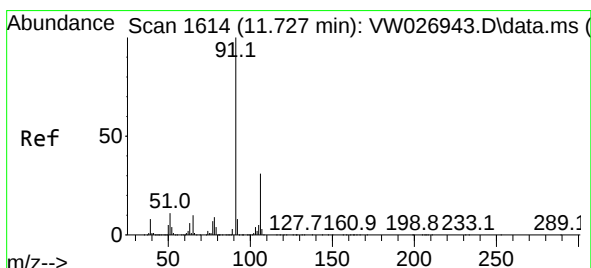
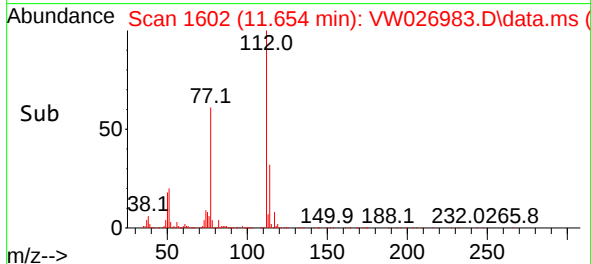
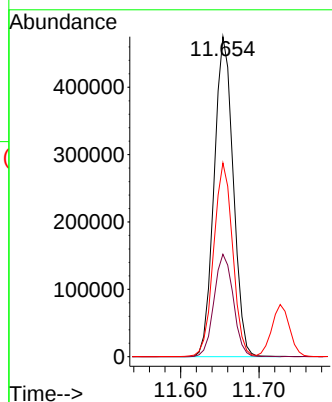
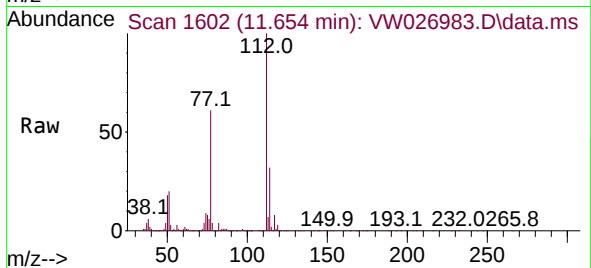
Tgt Ion:112 Resp: 806539

Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 60.5 50.2 75.2



#52

Ethylbenzene

Concen: 25.667 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW026983.D

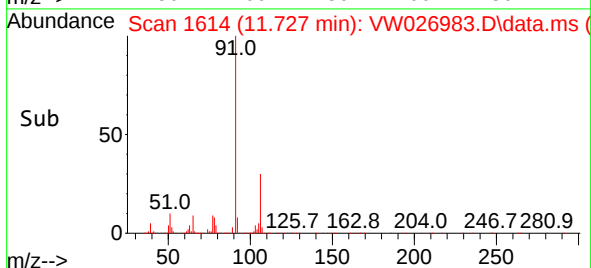
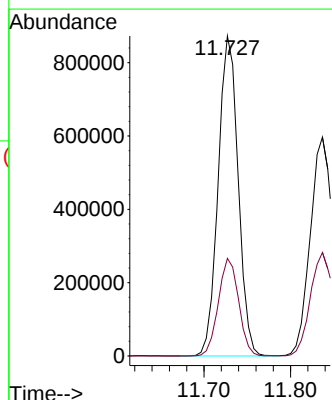
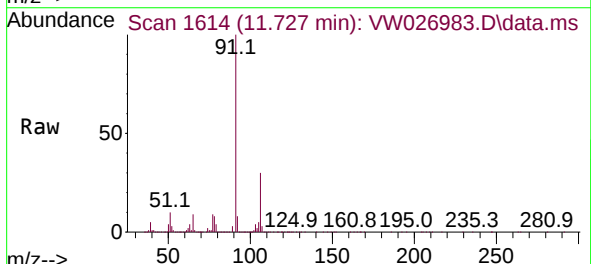
Acq: 01 Sep 2023 09:46

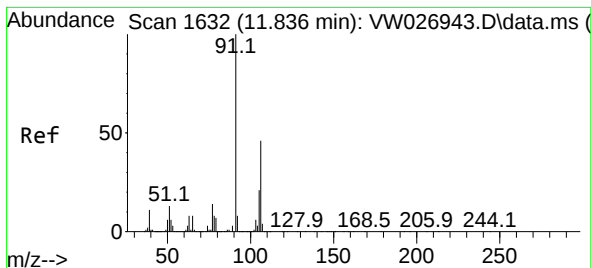
Tgt Ion: 91 Resp: 1399648

Ion Ratio Lower Upper

91 100

106 30.5 20.2 37.6





#53

m,p-Xylene

Concen: 26.394 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

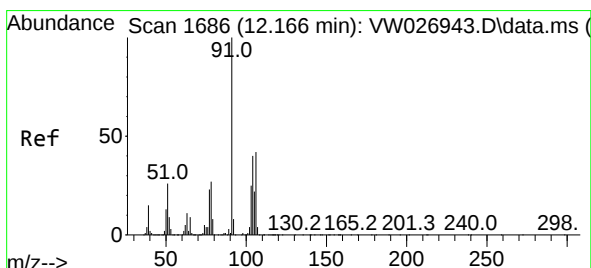
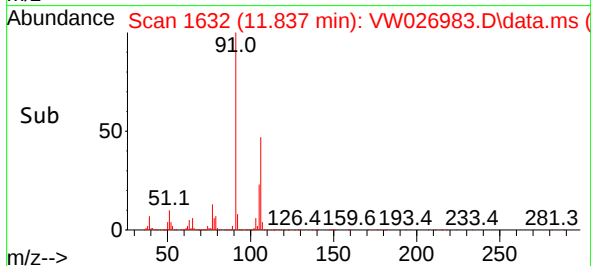
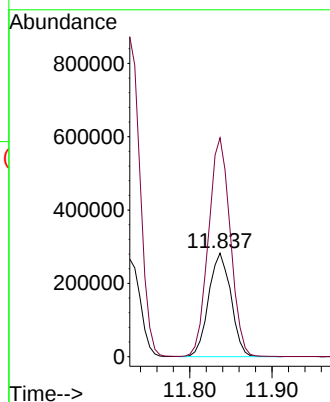
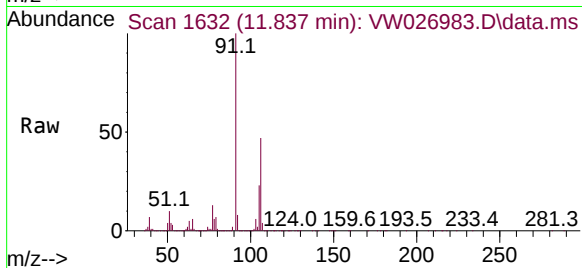
ClientSampleId :

Tgt Ion:106 Resp: 533222

Ion Ratio Lower Upper

106 100

91 211.5 152.9 284.1



#54

o-Xylene

Concen: 27.708 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW026983.D

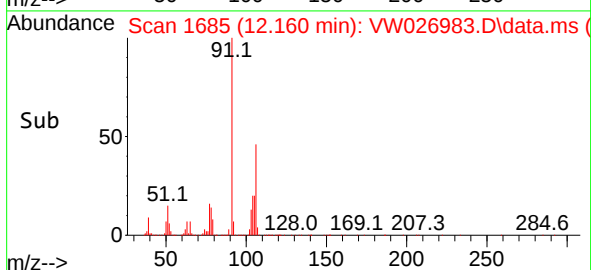
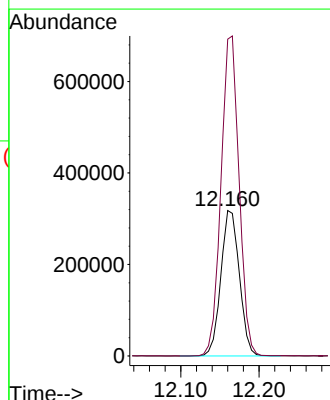
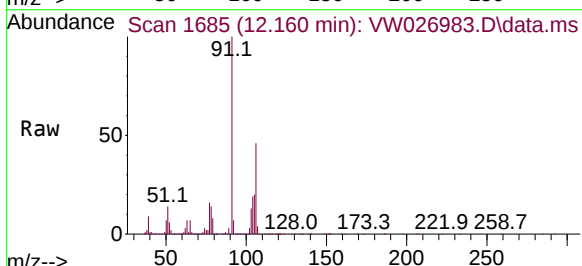
Acq: 01 Sep 2023 09:46

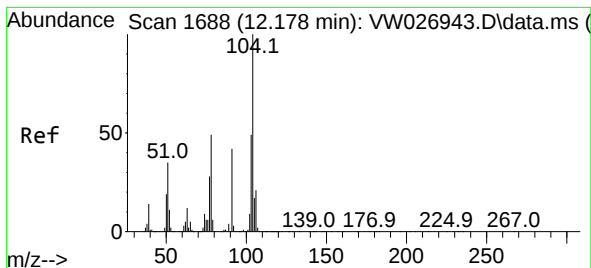
Tgt Ion:106 Resp: 522420

Ion Ratio Lower Upper

106 100

91 217.8 149.9 278.3





#55

Styrene

Concen: 27.591 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

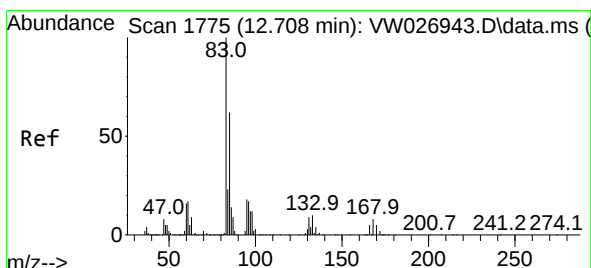
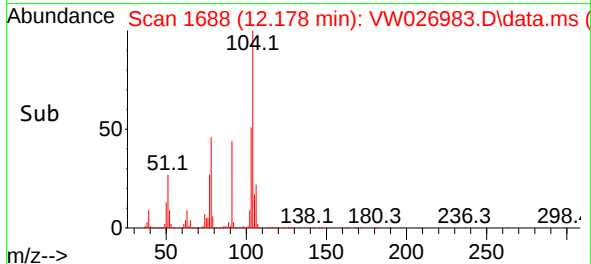
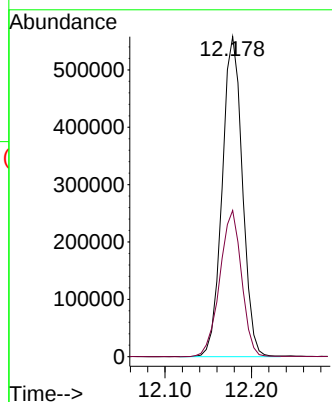
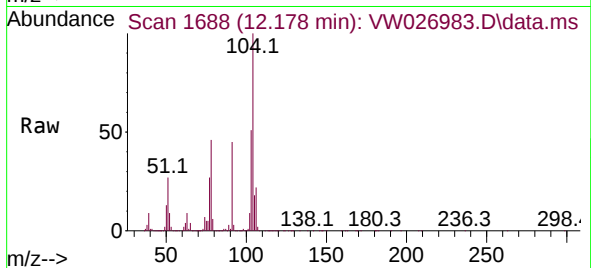
ClientSampleId :

Tgt Ion:104 Resp: 904518

Ion Ratio Lower Upper

104 100

78 45.7 33.0 61.2



#57

1,1,2,2-Tetrachloroethane

Concen: 23.488 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

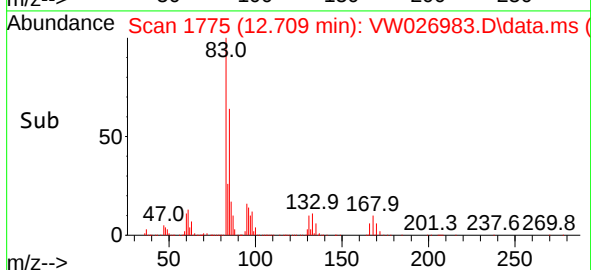
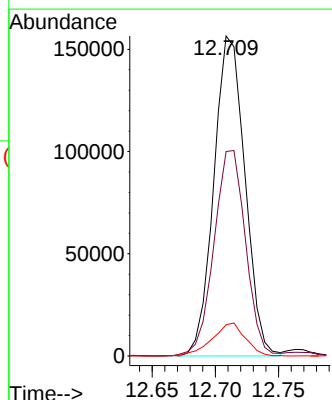
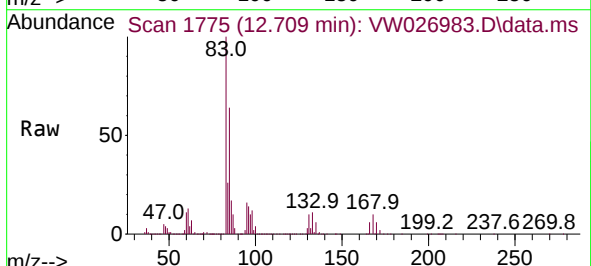
Tgt Ion: 83 Resp: 267870

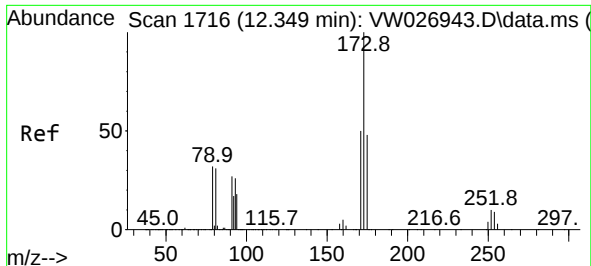
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

131 9.7 7.4 11.0

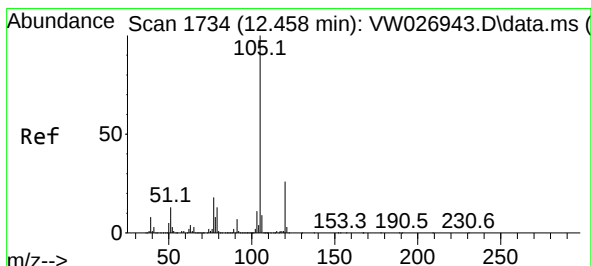
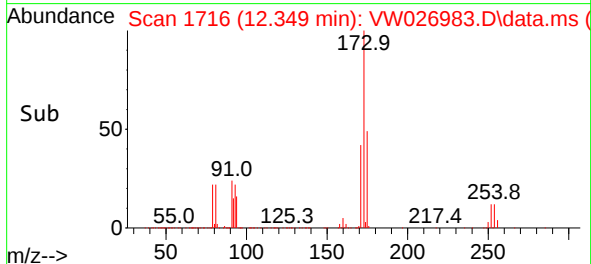
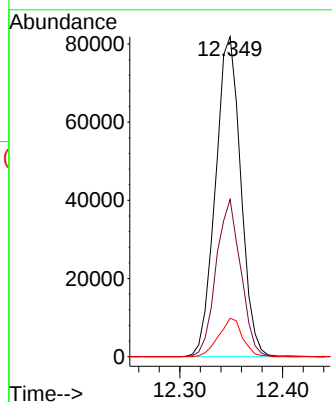
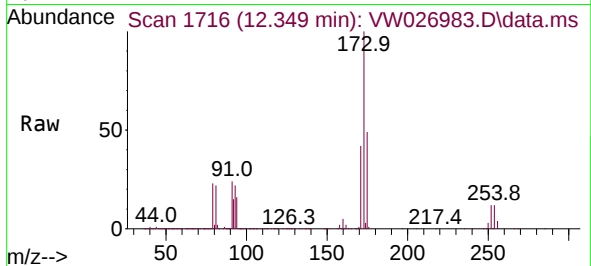




#59
Bromoform
Concen: 23.857 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

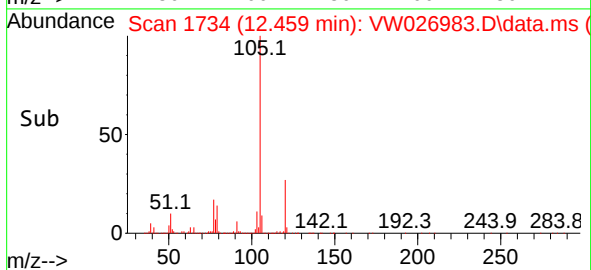
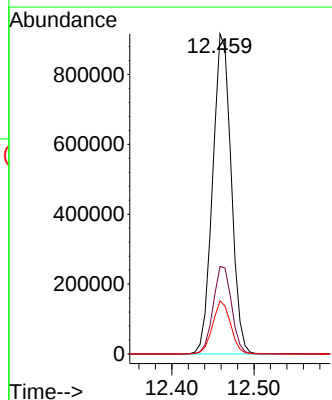
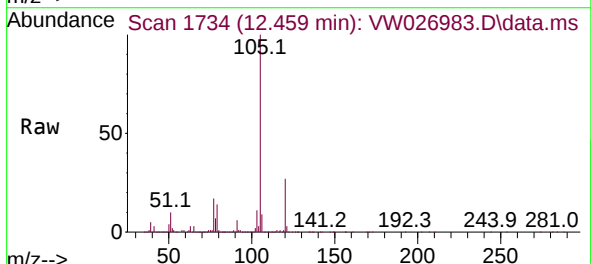
Instrument :
MSVOA_W
ClientSampleId :

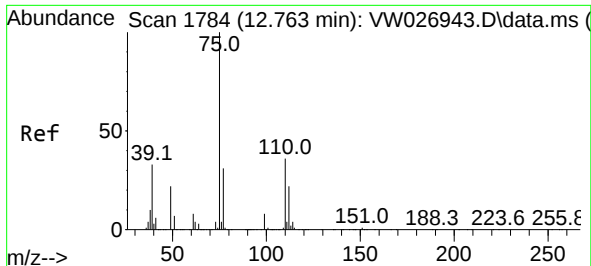
Tgt Ion:173 Resp: 139742
Ion Ratio Lower Upper
173 100
175 47.9 36.6 55.0
254 11.3 7.8 11.6



#60
Isopropylbenzene
Concen: 25.763 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion:105 Resp: 1432218
Ion Ratio Lower Upper
105 100
120 27.3 21.0 31.6
77 16.1 13.4 20.2





#61

1,2,3-Trichloropropane

Concen: 20.548 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

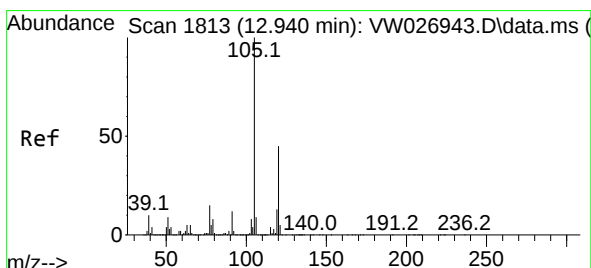
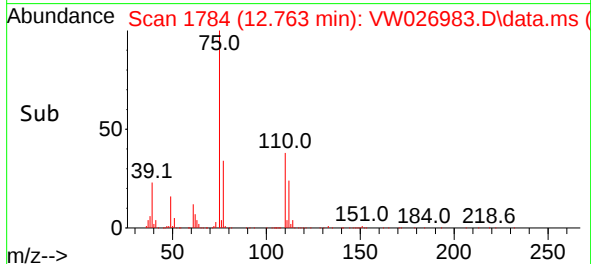
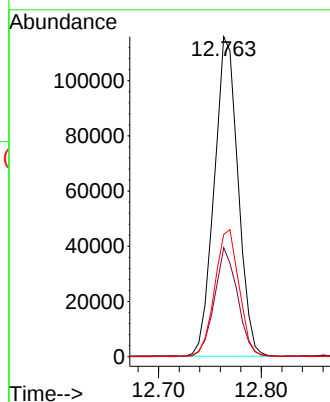
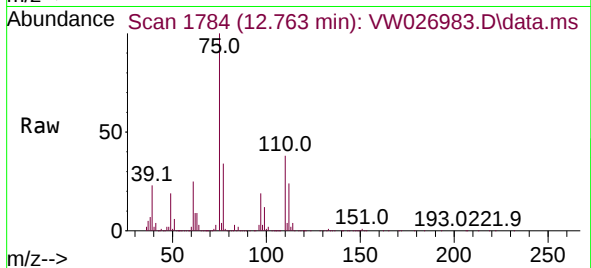
Tgt Ion: 75 Resp: 186373

Ion Ratio Lower Upper

75 100

77 33.0 26.1 39.1

110 40.6 29.9 44.9



#62

1,3,5-Trimethylbenzene

Concen: 27.234 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026983.D

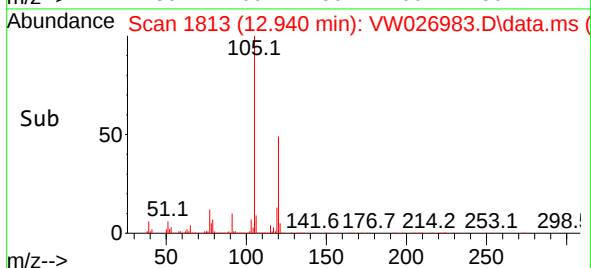
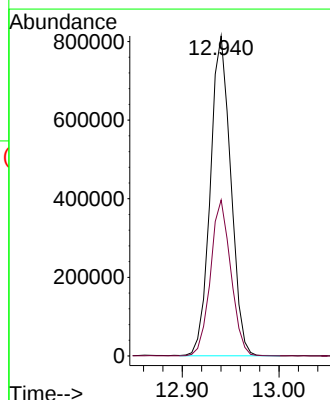
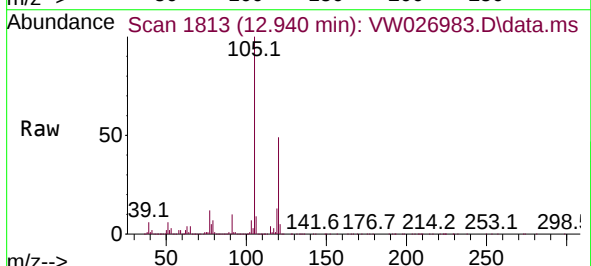
Acq: 01 Sep 2023 09:46

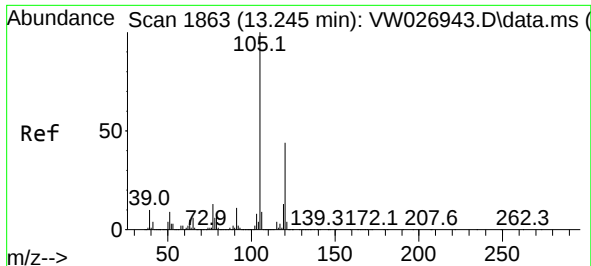
Tgt Ion: 105 Resp: 1196678

Ion Ratio Lower Upper

105 100

120 48.5 37.4 56.2

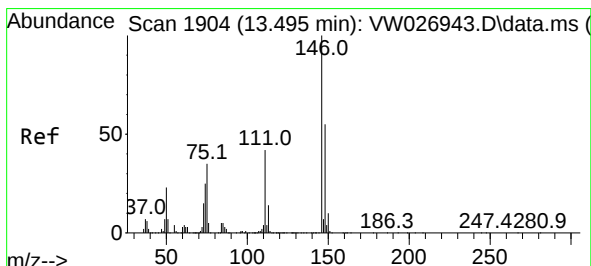
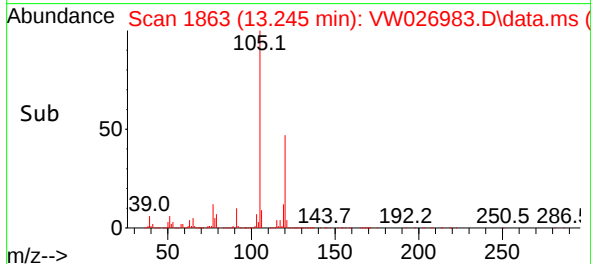
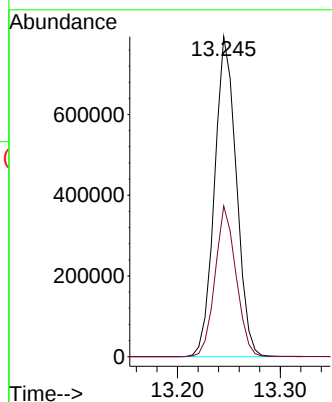
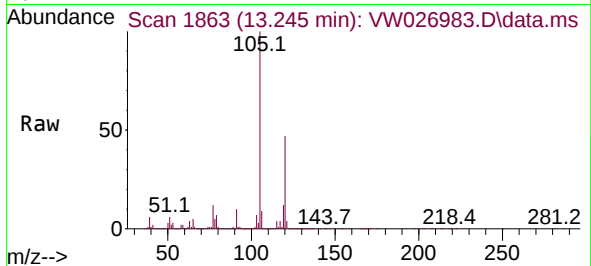




#63
1,2,4-Trimethylbenzene
Concen: 27.109 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

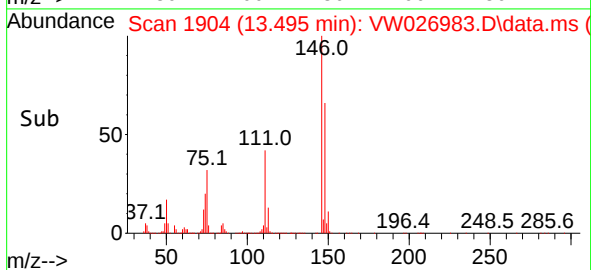
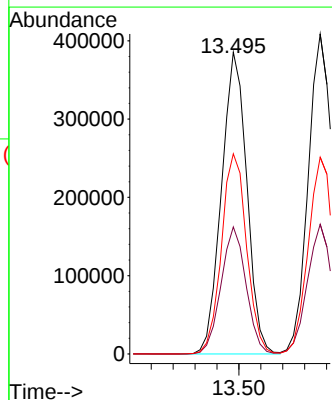
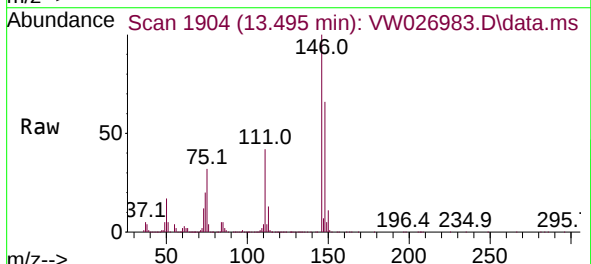
Instrument :
MSVOA_W
ClientSampleId :

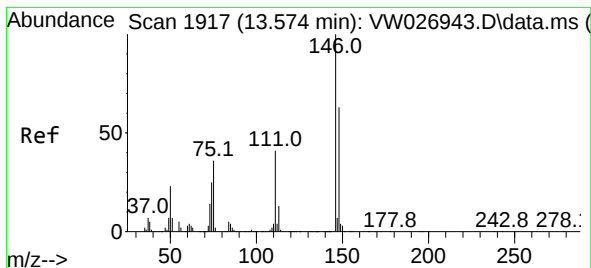
Tgt Ion:105 Resp: 1167280
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 25.581 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026983.D
Acq: 01 Sep 2023 09:46

Tgt Ion:146 Resp: 618467
Ion Ratio Lower Upper
146 100
111 42.1 29.1 54.1
148 66.3 38.8 72.0





#65

1,4-Dichlorobenzene

Concen: 25.739 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

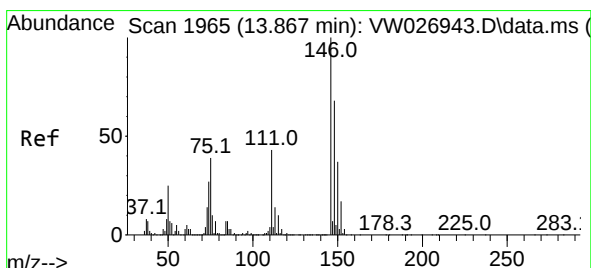
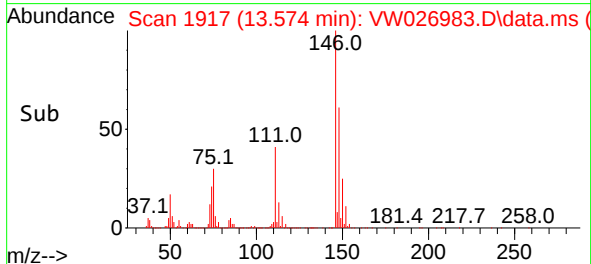
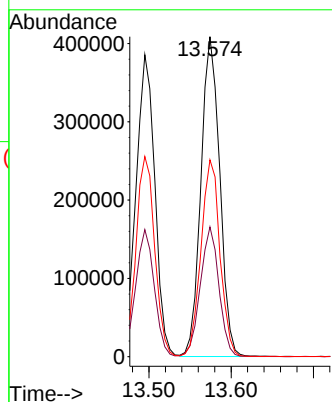
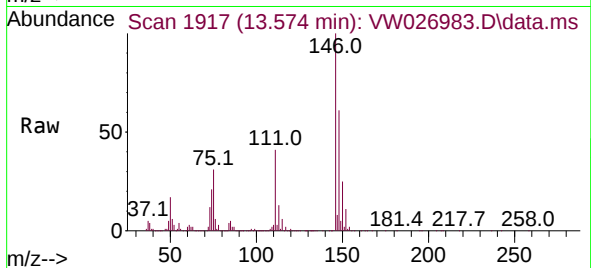
Tgt Ion:146 Resp: 649426

Ion Ratio Lower Upper

146 100

111 40.6 28.3 52.7

148 61.5 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 25.966 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

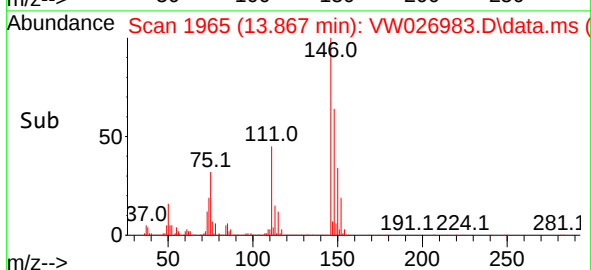
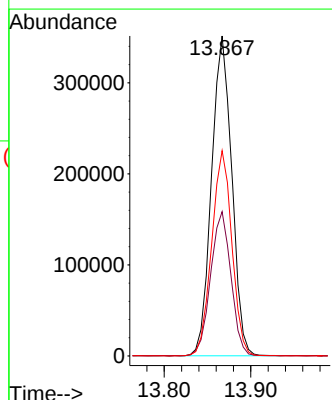
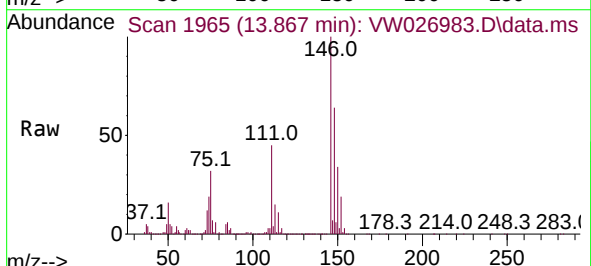
Tgt Ion:146 Resp: 570867

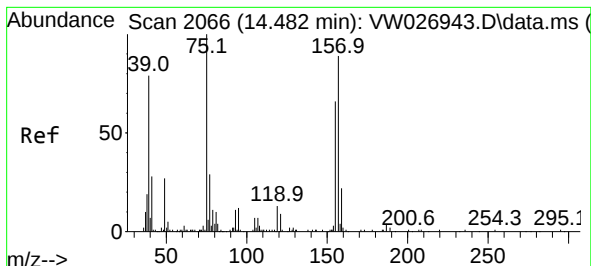
Ion Ratio Lower Upper

146 100

111 45.1 34.6 52.0

148 64.2 53.4 80.0

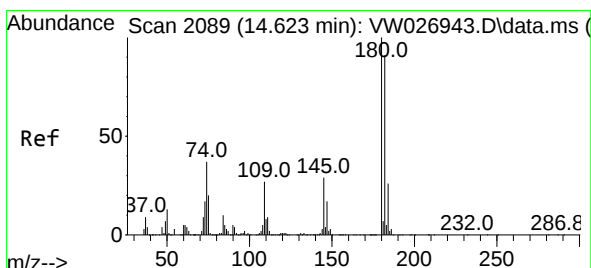
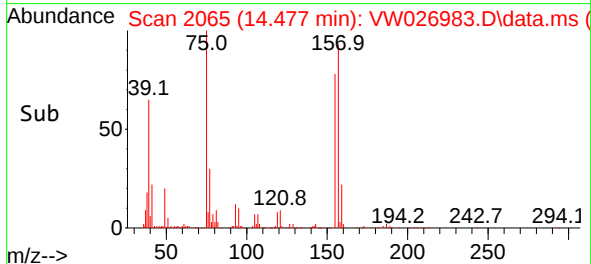
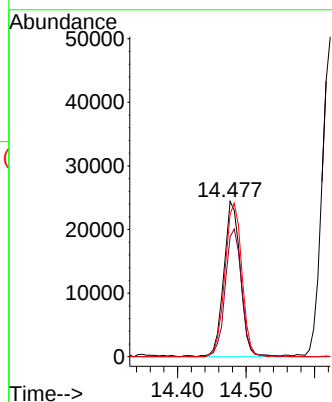
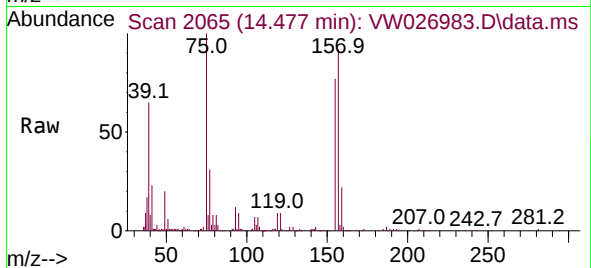




#68
 1,2-Dibromo-3-chloropropane
 Concen: 18.728 ug/L
 RT: 14.477 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

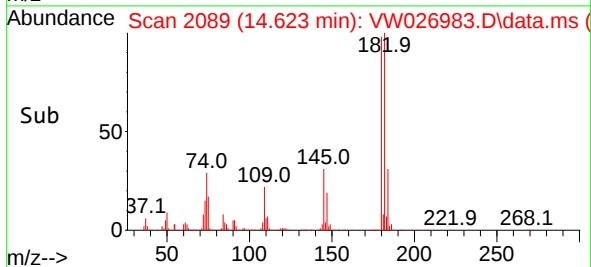
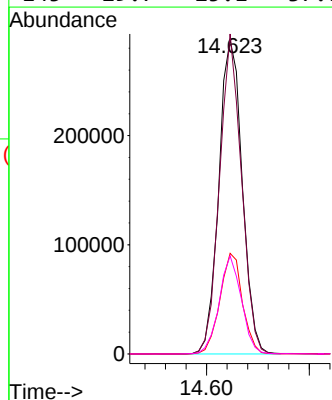
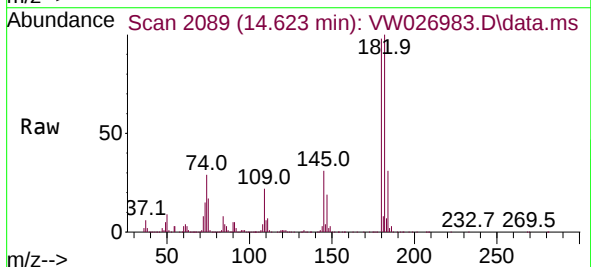
Instrument :
 MSVOA_W
 ClientSampleId :

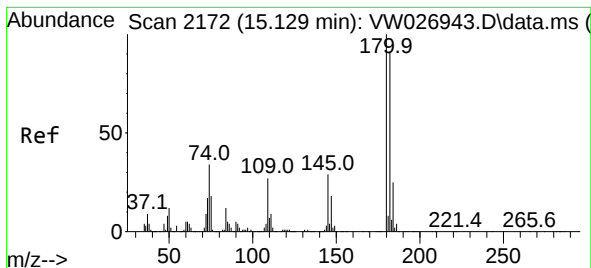
Tgt Ion: 75 Resp: 40950
 Ion Ratio Lower Upper
 75 100
 155 77.2 55.0 82.6
 157 91.9 77.8 116.6



#69
 1,3,5-Trichlorobenzene
 Concen: 27.785 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

Tgt Ion:180 Resp: 453835
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.2 112.8
 184 30.9 23.8 35.8
 145 29.7 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 27.388 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

Instrument :

MSVOA_W

ClientSampleId :

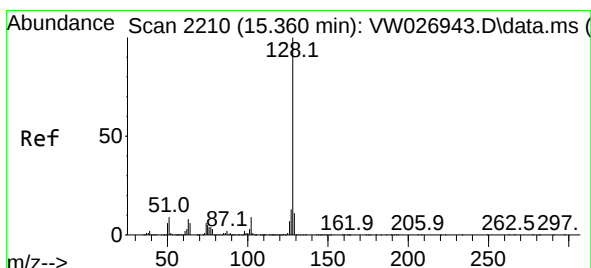
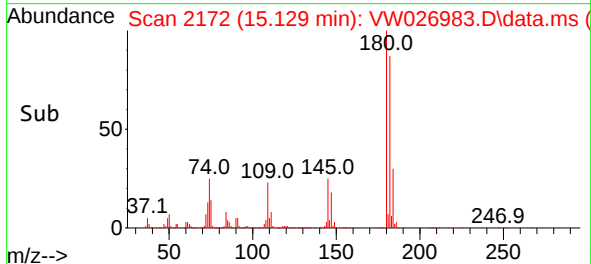
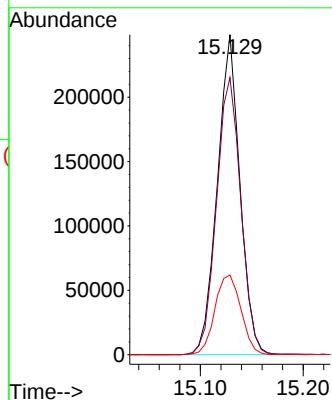
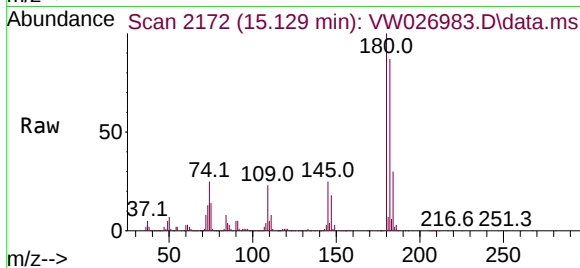
Tgt Ion:180 Resp: 379297

Ion Ratio Lower Upper

180 100

182 93.2 72.5 108.7

145 28.7 24.7 37.1



#71

Naphthalene

Concen: 25.055 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026983.D

Acq: 01 Sep 2023 09:46

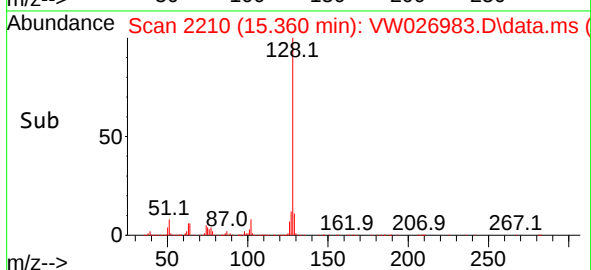
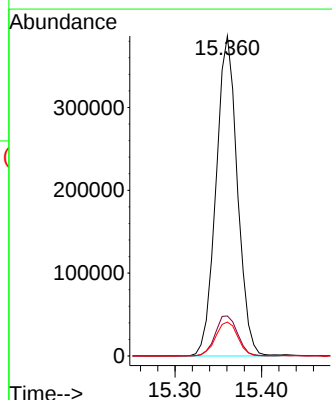
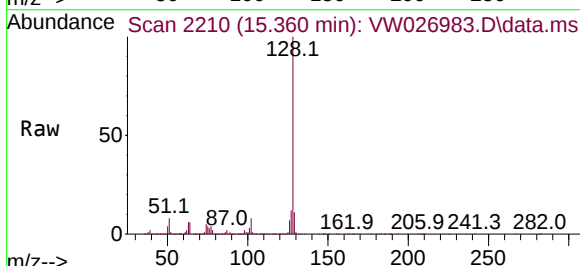
Tgt Ion:128 Resp: 661871

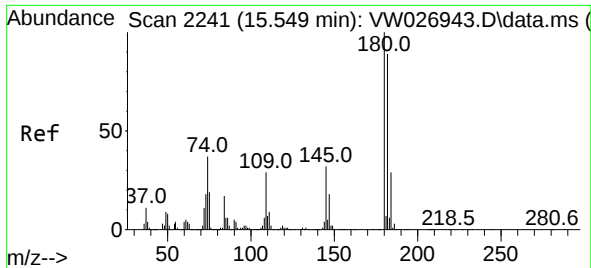
Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

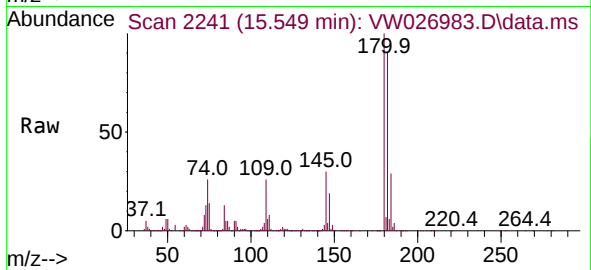
129 11.0 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 26.745 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026983.D
 Acq: 01 Sep 2023 09:46

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	74.6	112.0
145	32.4	27.0	40.6

