

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027503.D
 Acq On : 01 Nov 2023 15:29
 Operator : SY/MD
 Sample : 05205-06MSD
 Misc : 4.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 03:36:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	522751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523408	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	112130	14.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.200%
7) Chloroethane-d5	2.893	69	99906	17.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
11) 1,1-Dichloroethene-d2	4.021	65	60459	15.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.480%
21) 2-Butanone-d5	7.075	46	170214	64.190	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.380%
24) Chloroform-d	7.648	84	332865	21.364	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.440%
26) 1,2-Dichloroethane-d4	8.307	65	190963	22.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.270	84	597668	16.877	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.520%
36) 1,2-Dichloropropane-d6	9.276	67	219117	20.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.040%
41) Toluene-d8	10.319	98	522210	16.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.040%
43) trans-1,3-Dichloroprop...	10.575	79	88006	17.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.400%
47) 2-Hexanone-d5	10.922	63	139487	62.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234703	29.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.320%
66) 1,2-Dichlorobenzene-d4	13.855	152	201363	19.879	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	116238	18.688	ug/L	# 80
3) Chloromethane	2.223	50	151376	21.178	ug/L	97
5) Vinyl chloride	2.375	62	170528	21.358	ug/L	97
6) Bromomethane	2.783	94	95598	21.021	ug/L	98
8) Chloroethane	2.930	64	100021	21.763	ug/L	97
9) Trichlorofluoromethane	3.265	101	126119	22.389	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	148194	21.010	ug/L	94
12) 1,1-Dichloroethene	4.045	96	148955	21.730	ug/L	83
13) Acetone	4.119	43	91214	39.826	ug/L	100
14) Carbon disulfide	4.387	76	363753	17.117	ug/L	100
15) Methyl Acetate	4.667	43	110733	28.308	ug/L	98
16) Methylene chloride	4.923	84	189182	19.771	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	158561	21.523	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	346232	27.240	ug/L	99
19) 1,1-Dichloroethane	6.216	63	365272	24.302	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	199026	23.923	ug/L	97
22) 2-Butanone	7.167	43	156223	45.571	ug/L	99
23) Bromochloromethane	7.514	128	88342	25.720	ug/L	92
25) Chloroform	7.673	83	352311	25.044	ug/L	98

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 Response via : Initial Calibration

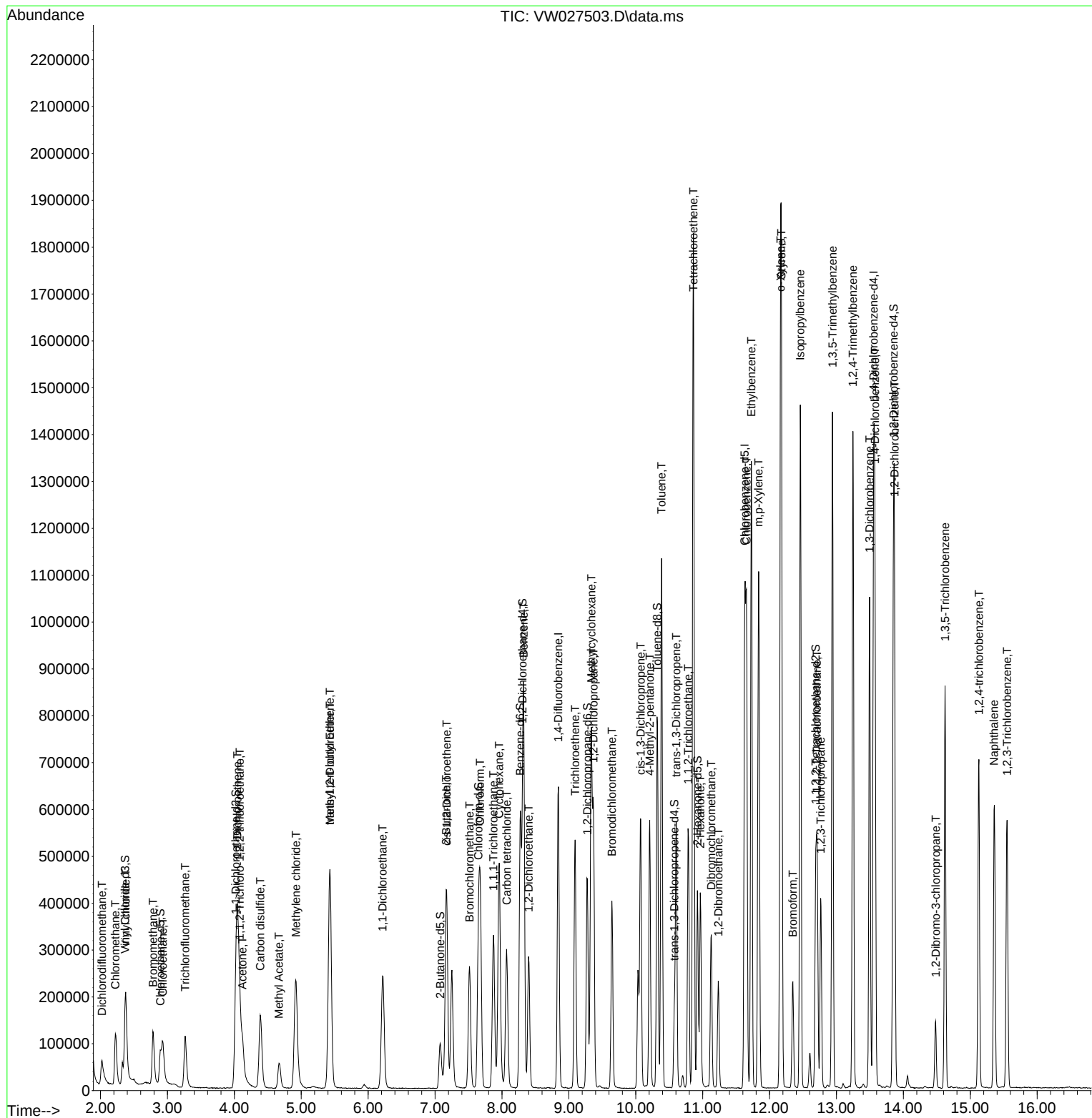
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	258420	27.043	ug/L	98
29) Cyclohexane	7.959	56	292870	18.429	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	268674	21.043	ug/L	99
31) Carbon tetrachloride	8.069	117	222011	19.284	ug/L	99
33) Benzene	8.325	78	732387	21.411	ug/L	100
34) Trichloroethene	9.093	95	190710	21.106	ug/L	96
35) Methylcyclohexane	9.337	83	304779	18.862	ug/L	99
37) 1,2-Dichloropropane	9.368	63	223285	24.141	ug/L	99
38) Bromodichloromethane	9.642	83	267965	23.562	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	341652	22.362	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	393817	61.914	ug/L	99
42) Toluene	10.386	91	796416	22.194	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	302462	23.462	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	172830	27.155	ug/L	95
46) Tetrachloroethene	10.861	164	392121	62.849	ug/L	92
48) 2-Hexanone	10.965	43	271906	57.756	ug/L	98
49) Dibromochloromethane	11.130	129	165842	23.463	ug/L	99
50) 1,2-Dibromoethane	11.233	107	154811	25.088	ug/L	98
51) Chlorobenzene	11.654	112	509478	22.673	ug/L	94
52) Ethylbenzene	11.727	91	929025	22.279	ug/L	98
53) m,p-Xylene	11.837	106	335060	21.185	ug/L	99
54) o-Xylene	12.166	106	333245	22.003	ug/L	98
55) Styrene	12.178	104	562768	21.757	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	234644	30.200	ug/L	97
59) Bromoform	12.349	173	99301	23.874	ug/L	100
60) Isopropylbenzene	12.459	105	916380	20.869	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	170994	28.017	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	764595	20.874	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	750150	20.932	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	394448	22.152	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	404907	22.770	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	362864	22.965	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	37814	24.790	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	238839	20.662	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	206588	20.997	ug/L	98
71) Naphthalene	15.354	128	511768	25.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178900	22.113	ug/L	95

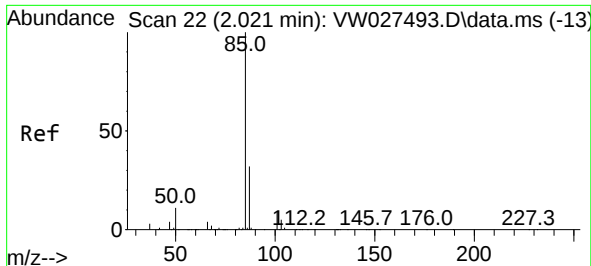
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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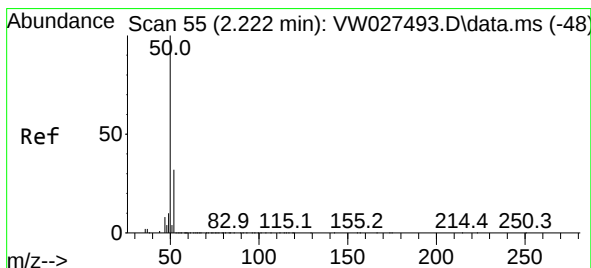
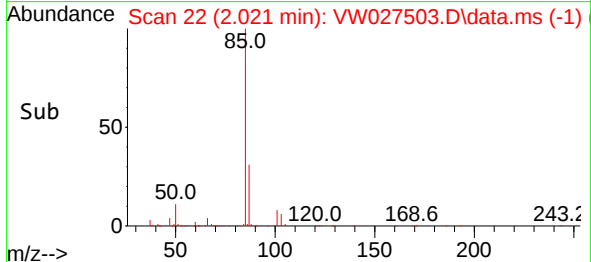
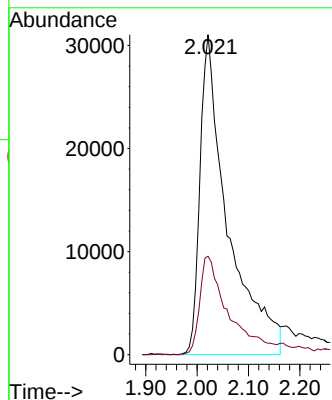
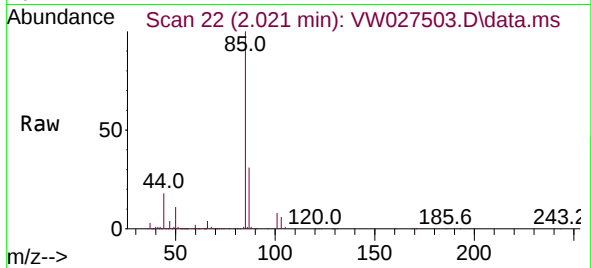




#2
Dichlorodifluoromethane
Concen: 18.688 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

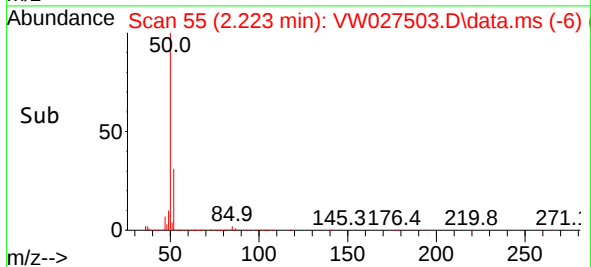
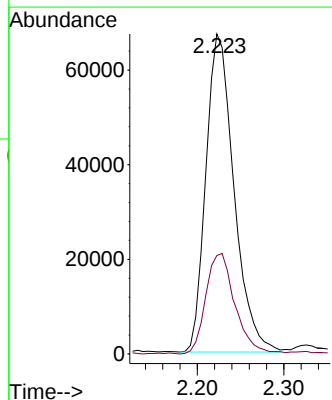
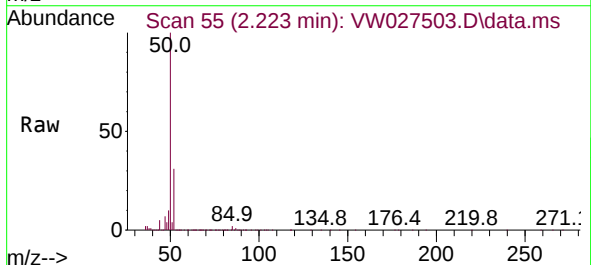
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ClientSampleId :

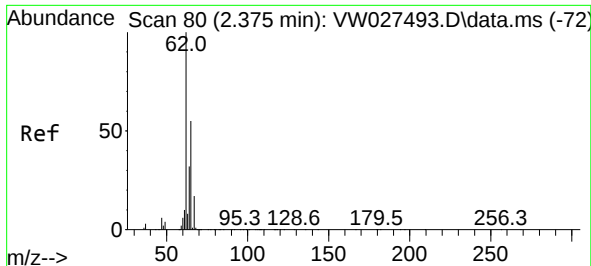
Tgt Ion: 85 Resp: 116238
Ion Ratio Lower Upper
85 100
87 32.4 18.3 27.5#



#3
Chloromethane
Concen: 21.178 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 50 Resp: 151376
Ion Ratio Lower Upper
50 100
52 30.7 22.7 42.3

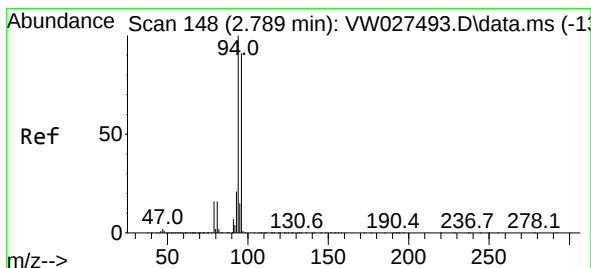
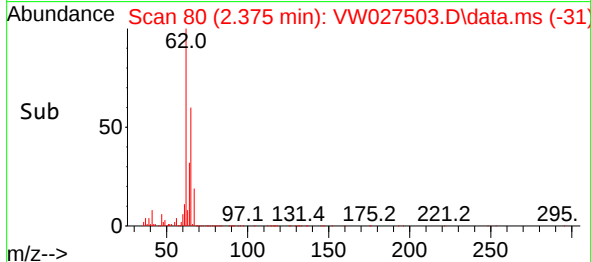
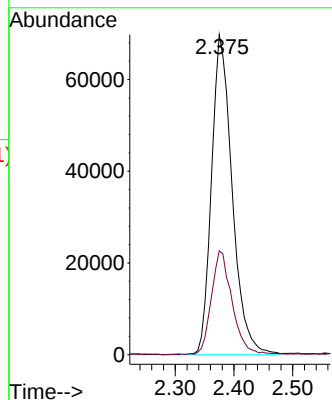
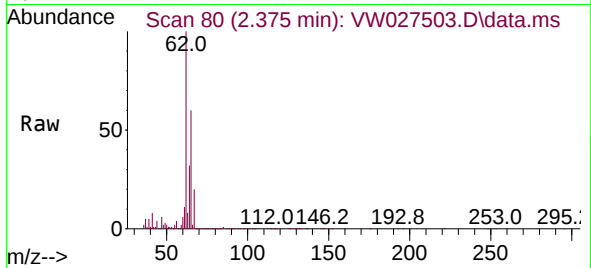




#5
 Vinyl chloride
 Concen: 21.358 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027503.D
 Acq: 01 Nov 2023 15:29

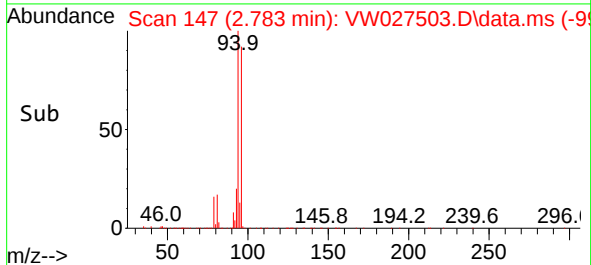
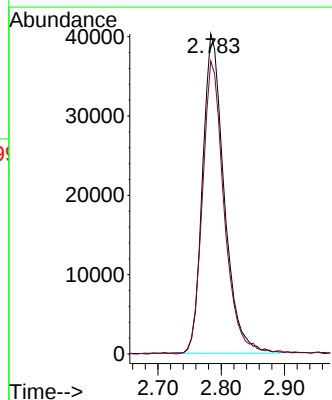
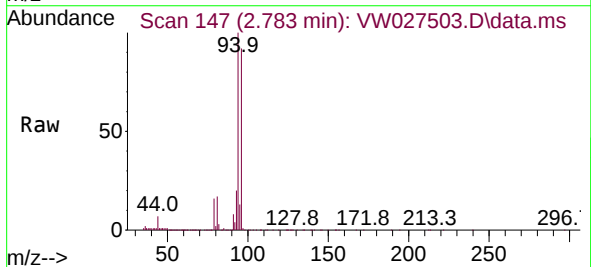
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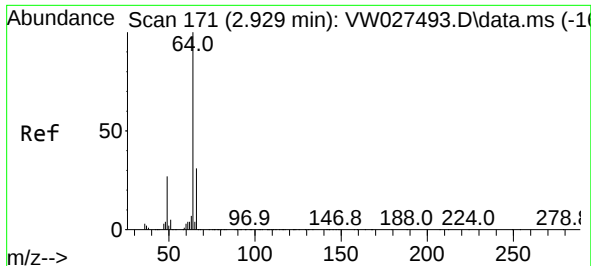
Tgt Ion: 62 Resp: 170528
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.8 44.2



#6
 Bromomethane
 Concen: 21.021 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027503.D
 Acq: 01 Nov 2023 15:29

Tgt Ion: 94 Resp: 95598
 Ion Ratio Lower Upper
 94 100
 96 91.6 62.9 116.9

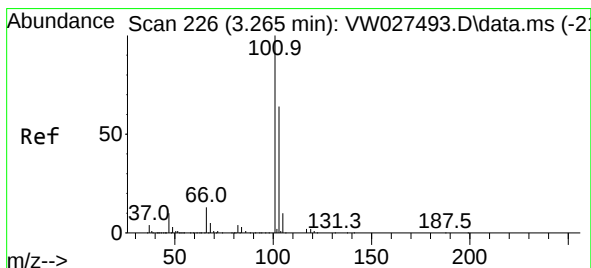
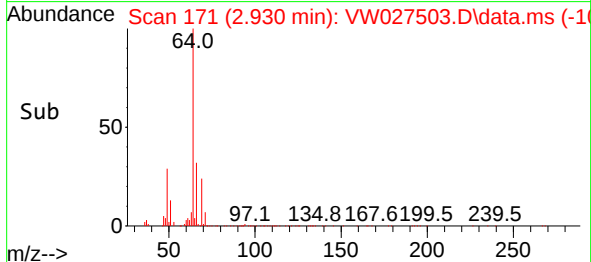
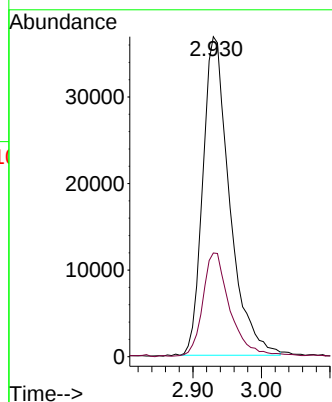
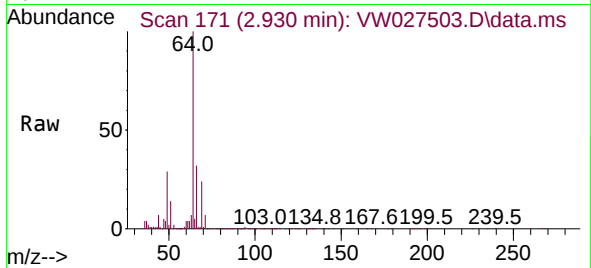




#8
Chloroethane
Concen: 21.763 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

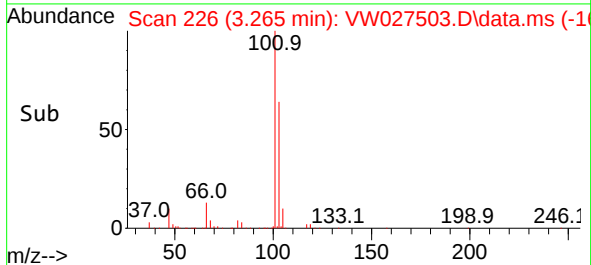
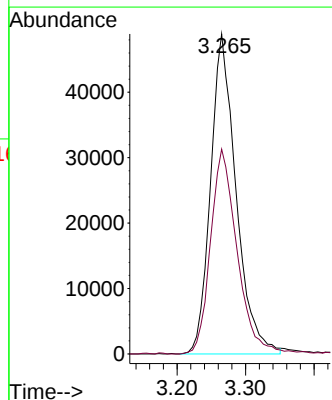
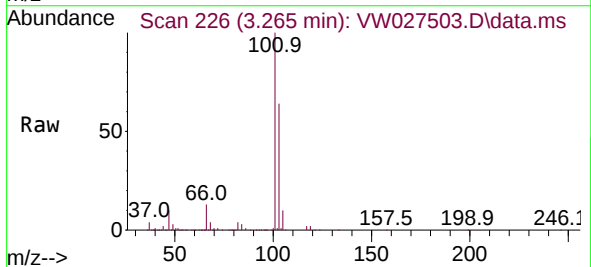
Instrument :
MSVOA_W
ClientSampleId :

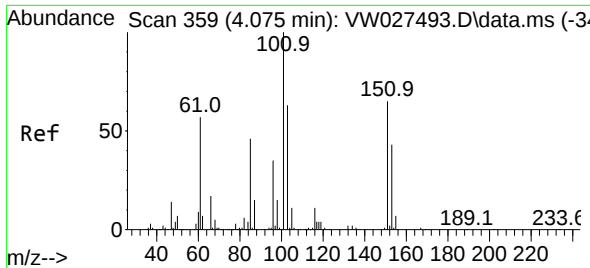
Tgt Ion: 64 Resp: 100021
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.389 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 101 Resp: 126119
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4

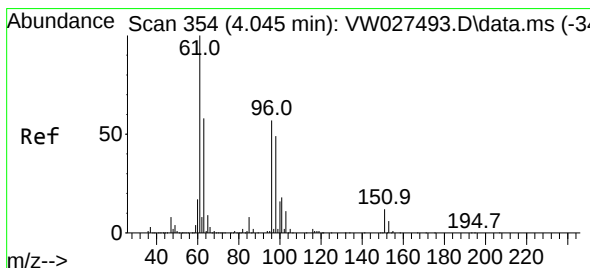
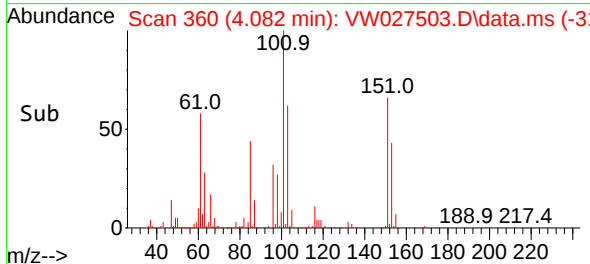
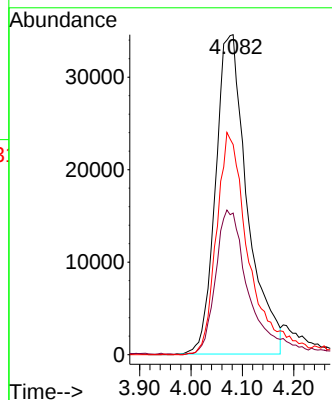
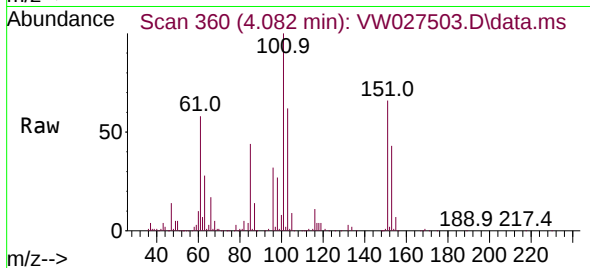




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.010 ug/L
 RT: 4.082 min Scan# 359
 Delta R.T. 0.007 min
 Lab File: VW027503.D
 Acq: 01 Nov 2023 15:29

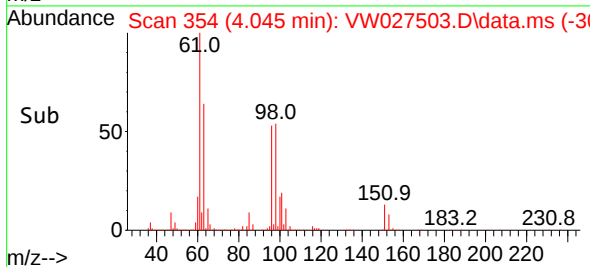
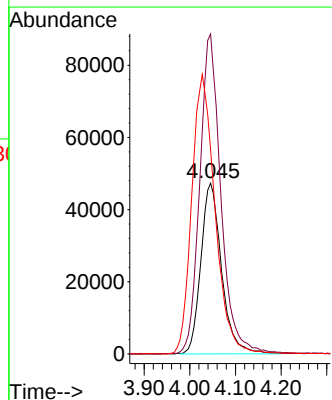
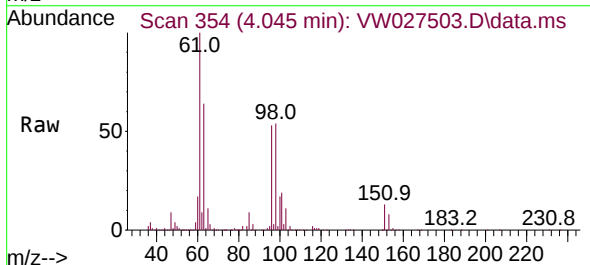
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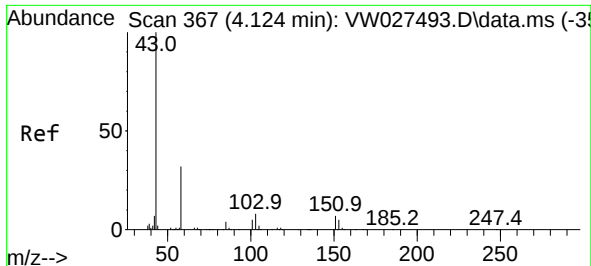
Tgt Ion:101 Resp: 148194
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.1 51.1
 151 67.0 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 21.730 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027503.D
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Tgt Ion: 96 Resp: 148955
 Ion Ratio Lower Upper
 96 100
 61 187.4 133.3 247.5
 63 119.6 115.8 215.2

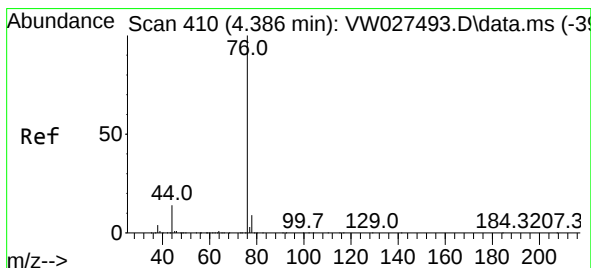
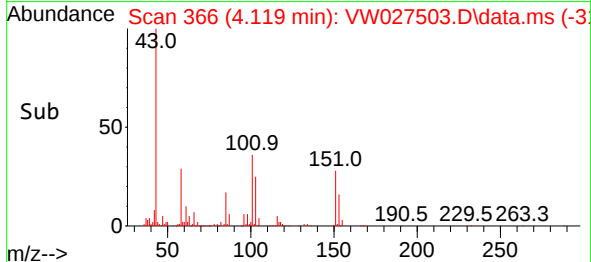
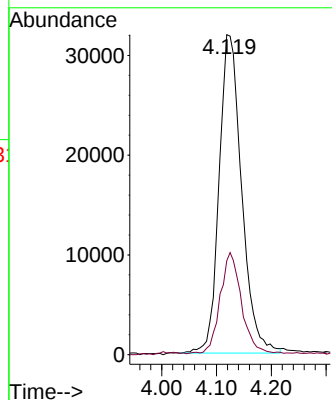
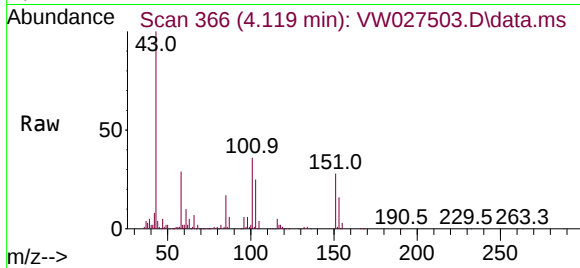




#13
Acetone
Concen: 39.826 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

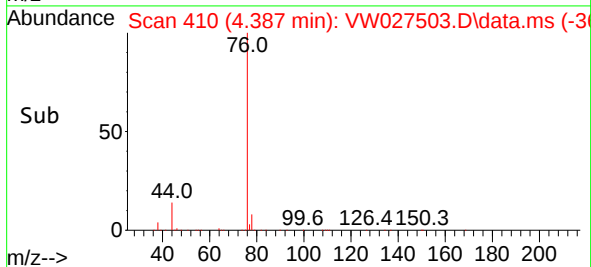
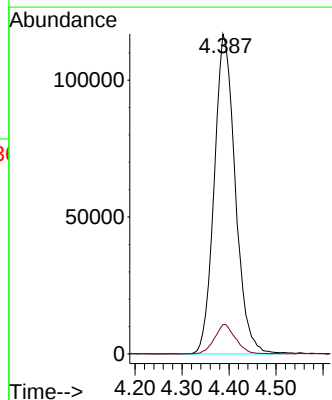
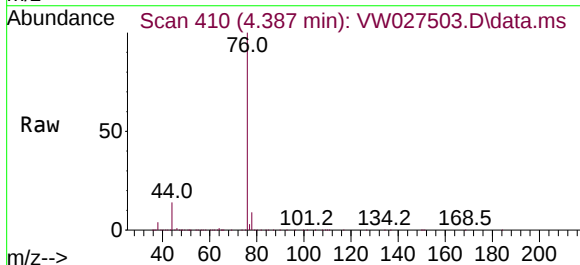
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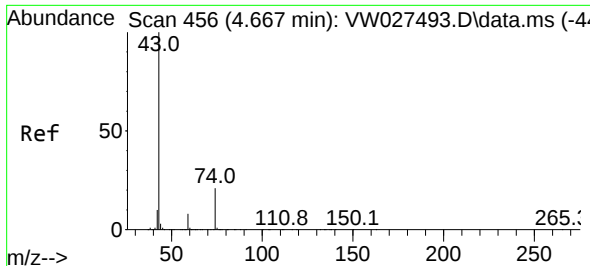
Tgt Ion: 43 Resp: 91214
Ion Ratio Lower Upper
43 100
58 30.2 0.0 60.8



#14
Carbon disulfide
Concen: 17.117 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 363753
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

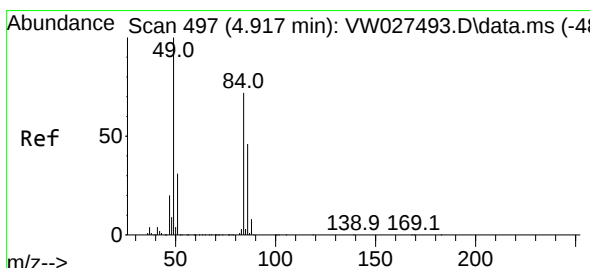
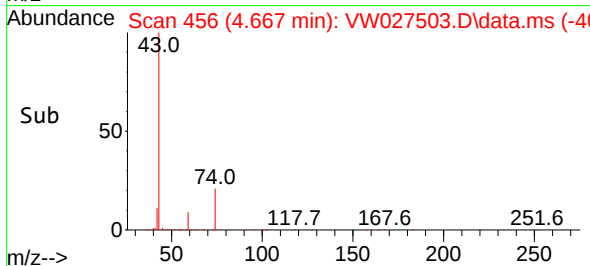
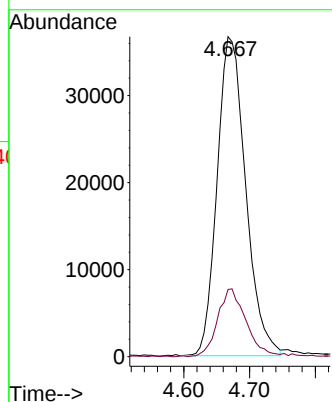
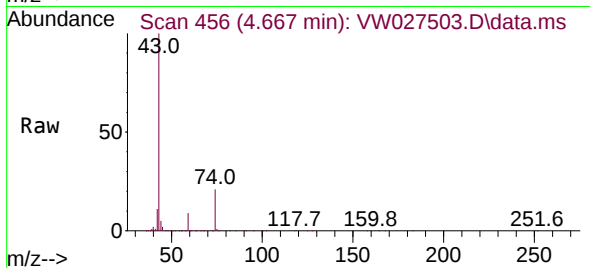




#15
Methyl Acetate
Concen: 28.308 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

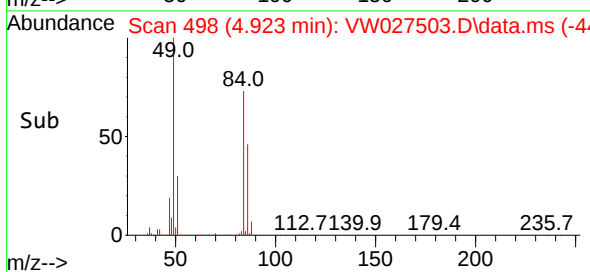
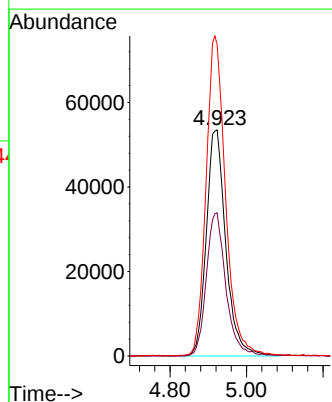
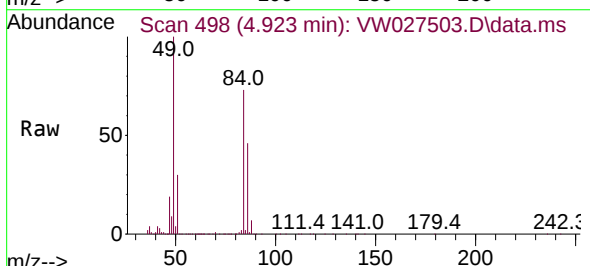
Instrument :
MSVOA_W
ClientSampleId :

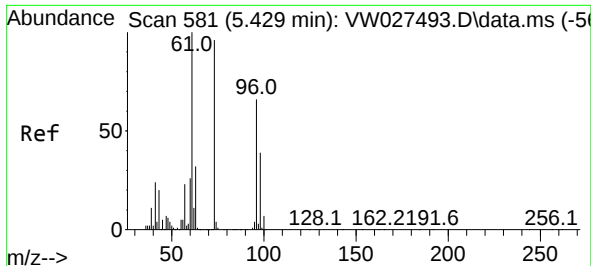
Tgt Ion: 43 Resp: 110733
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3



#16
Methylene chloride
Concen: 19.771 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.007 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 84 Resp: 189182
Ion Ratio Lower Upper
84 100
86 63.3 41.3 76.7
49 137.7 92.8 172.4

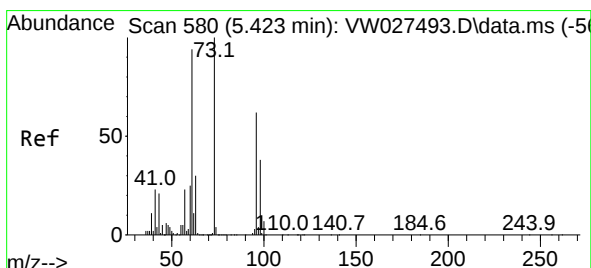
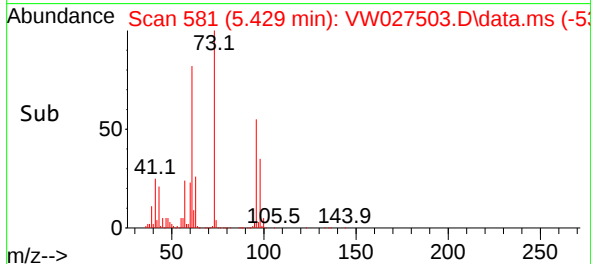
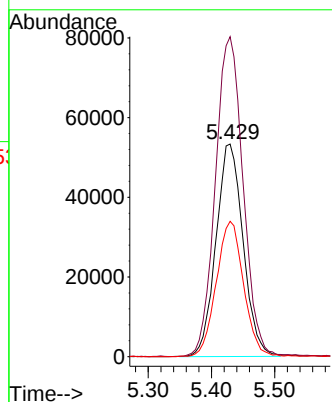
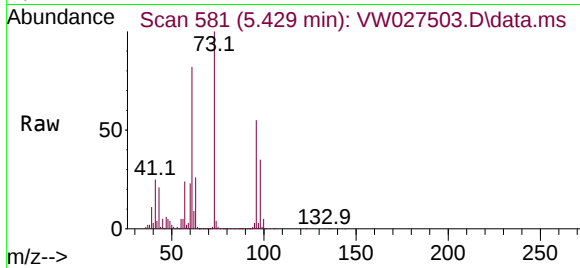




#17
trans-1,2-Dichloroethene
Concen: 21.523 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

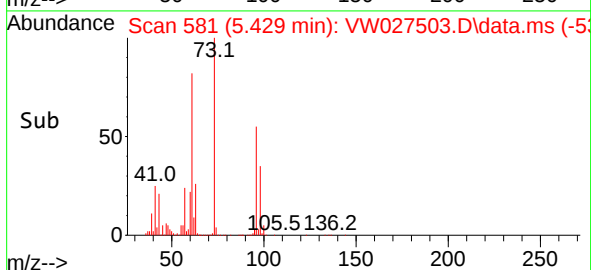
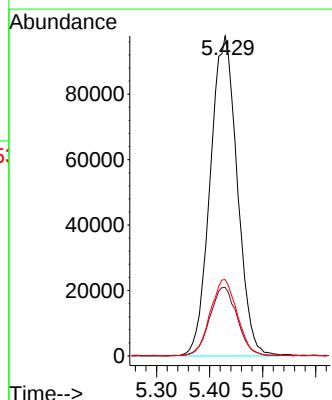
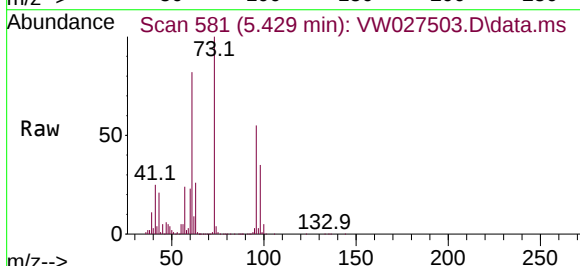
Instrument :
MSVOA_W
ClientSampleId :

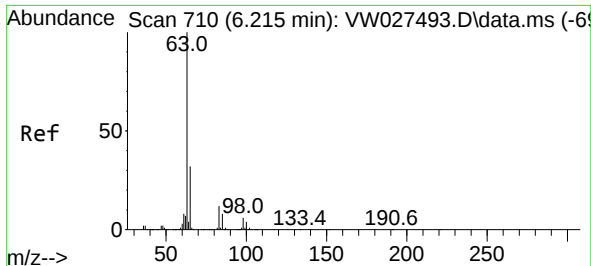
Tgt Ion: 96 Resp: 158561
Ion Ratio Lower Upper
96 100
61 150.5 105.6 196.0
98 63.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 27.240 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.007 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 73 Resp: 346232
Ion Ratio Lower Upper
73 100
43 21.5 17.7 26.5
57 23.8 18.5 27.7





#19

1,1-Dichloroethane

Concen: 24.302 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

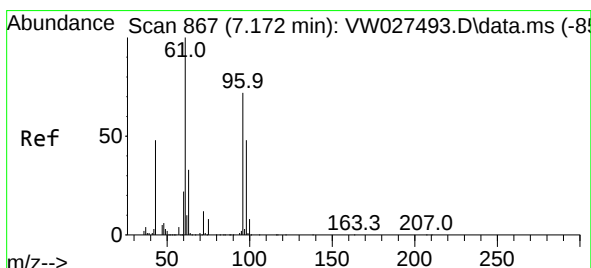
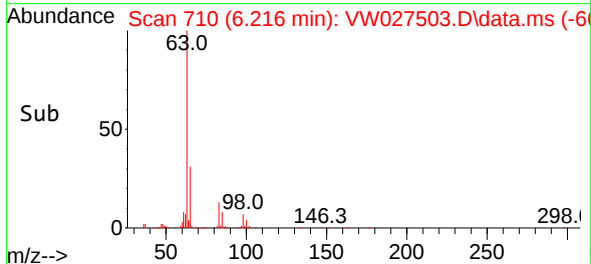
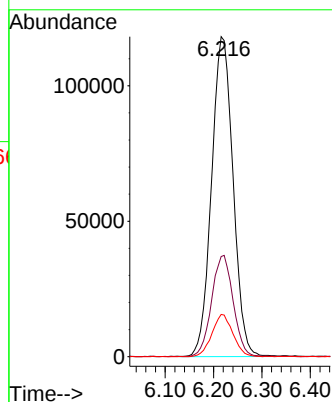
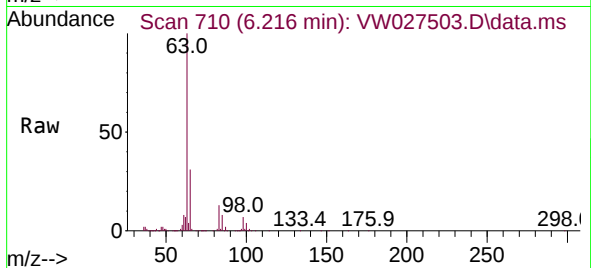
Tgt Ion: 63 Resp: 365272

Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 23.923 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

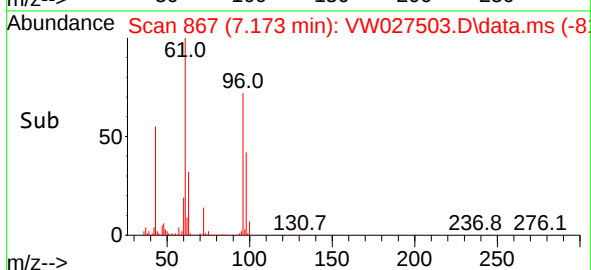
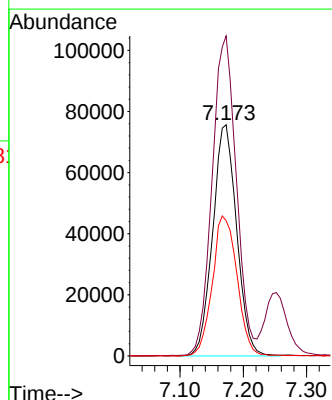
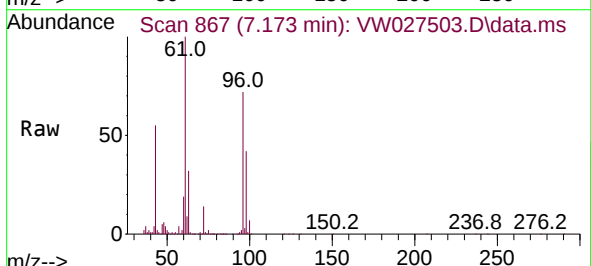
Tgt Ion: 96 Resp: 199026

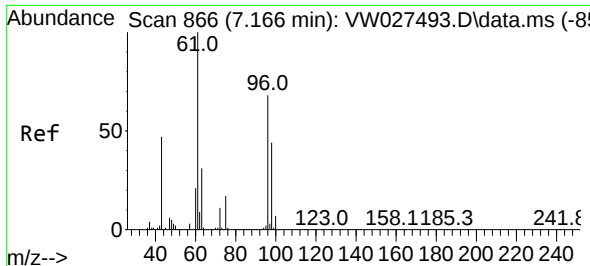
Ion Ratio Lower Upper

96 100

61 138.4 96.2 178.8

98 58.6 46.0 85.4

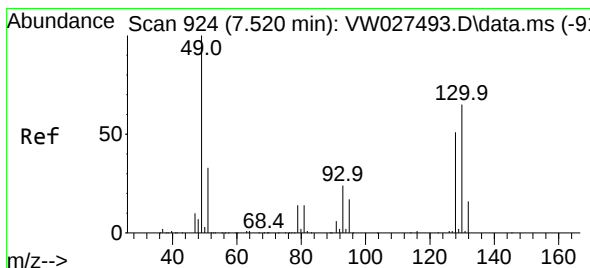
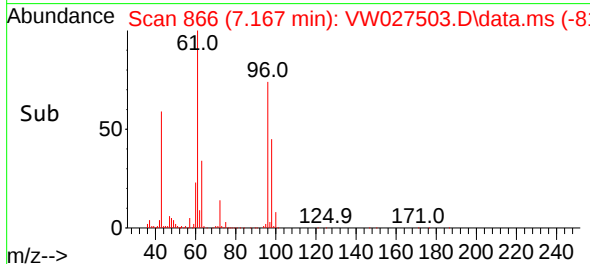
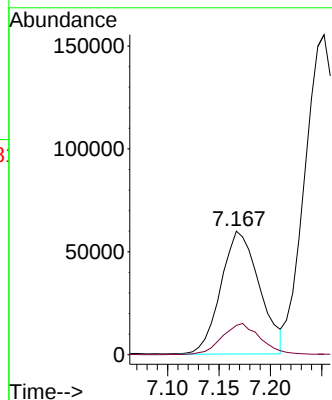
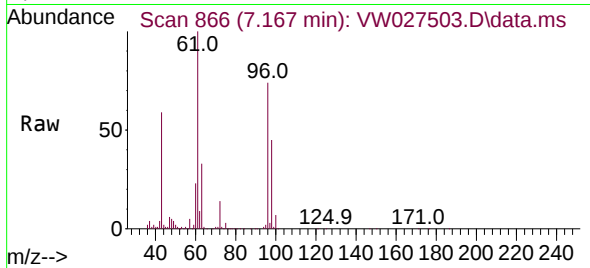




#22
2-Butanone
Concen: 45.571 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

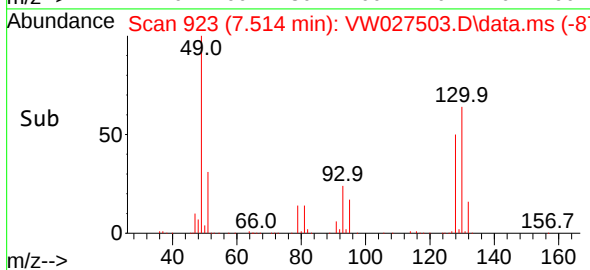
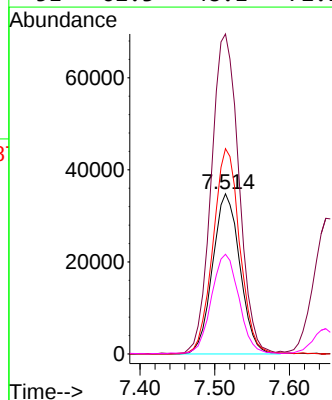
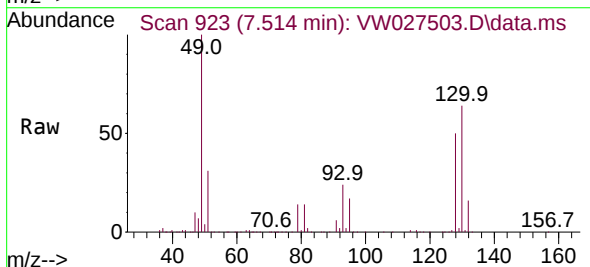
Instrument :
MSVOA_W
ClientSampleId :

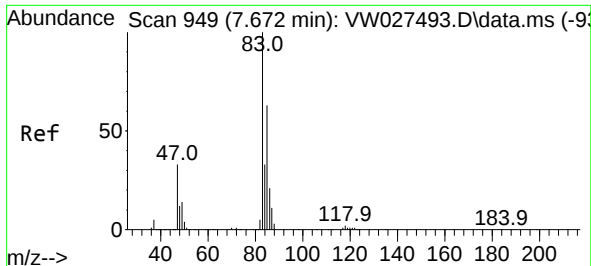
Tgt Ion: 43 Resp: 156223
Ion Ratio Lower Upper
43 100
72 25.0 12.3 36.8



#23
Bromochloromethane
Concen: 25.720 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 128 Resp: 88342
Ion Ratio Lower Upper
128 100
49 199.8 128.9 239.5
130 128.2 85.0 157.8
51 62.3 48.1 72.1





#25

Chloroform

Concen: 25.044 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

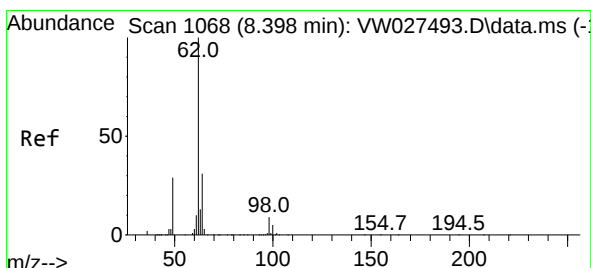
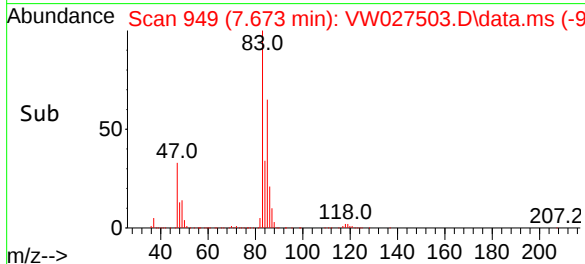
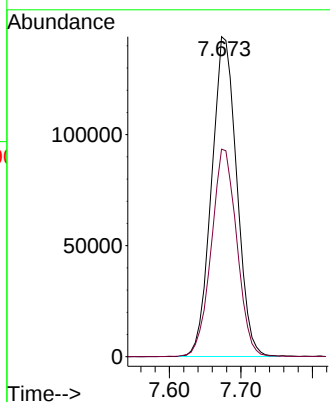
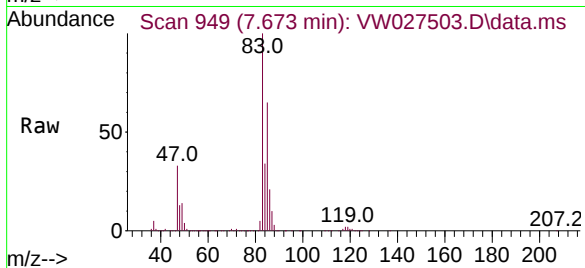
ClientSampleId :

Tgt Ion: 83 Resp: 352311

Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9



#27

1,2-Dichloroethane

Concen: 27.043 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027503.D

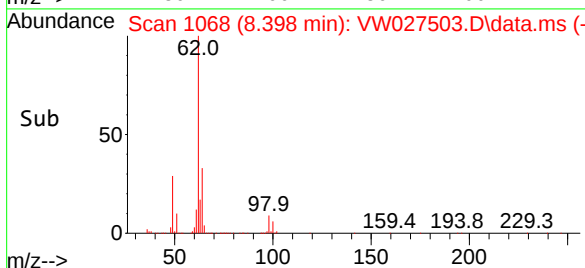
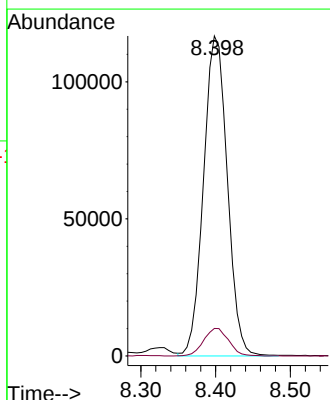
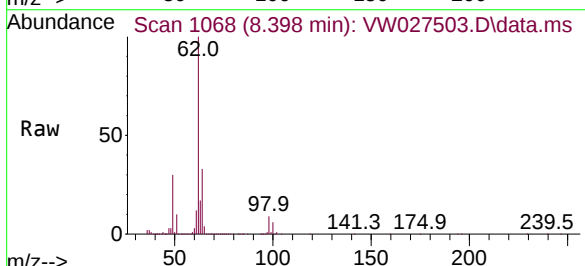
Acq: 01 Nov 2023 15:29

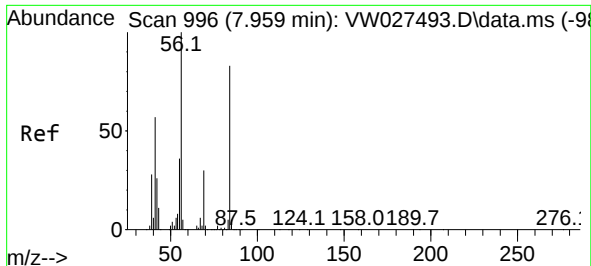
Tgt Ion: 62 Resp: 258420

Ion Ratio Lower Upper

62 100

98 8.6 7.5 11.3

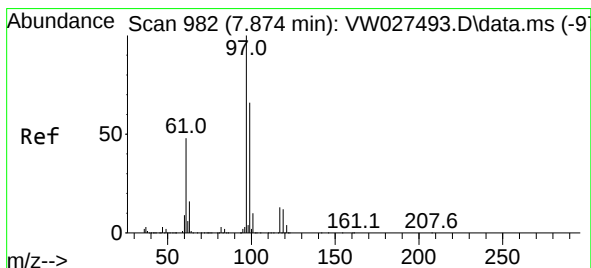
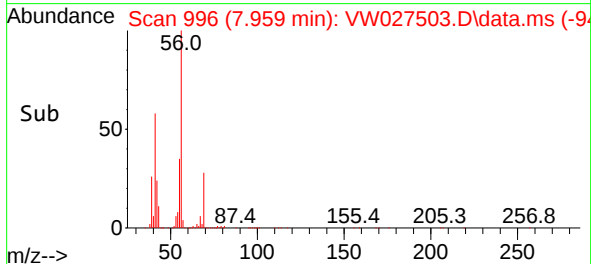
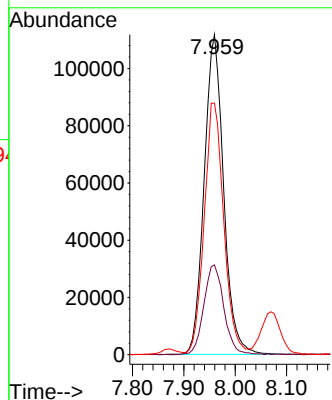
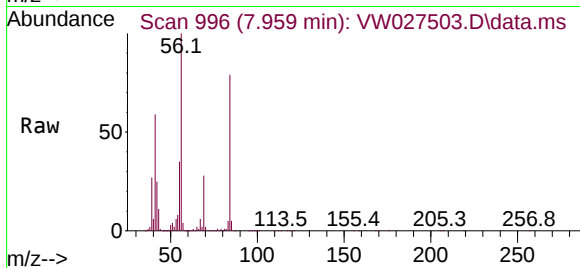




#29
Cyclohexane
Concen: 18.429 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

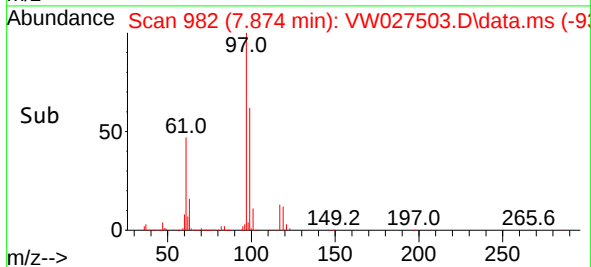
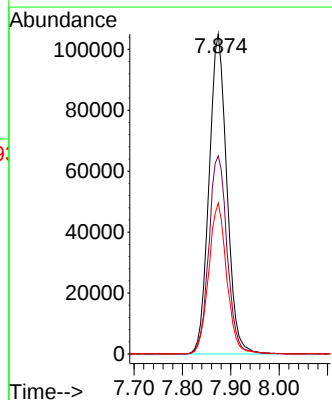
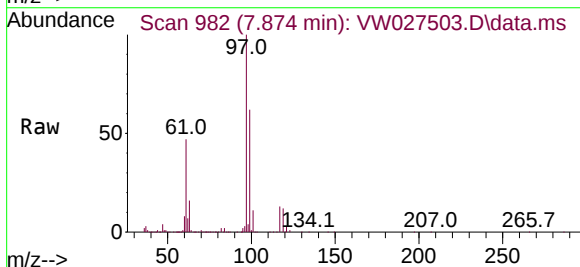
Instrument :
MSVOA_W
ClientSampleId :

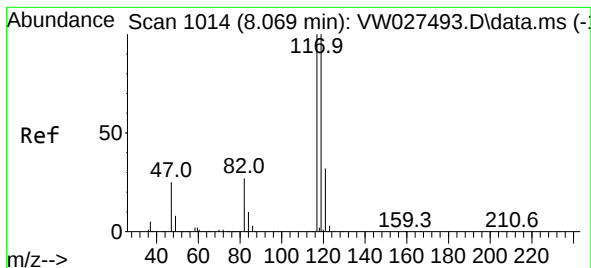
Tgt Ion: 56 Resp: 292870
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.4
84 79.1 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 21.043 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 97 Resp: 268674
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 47.8 37.4 56.0





#31

Carbon tetrachloride

Concen: 19.284 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

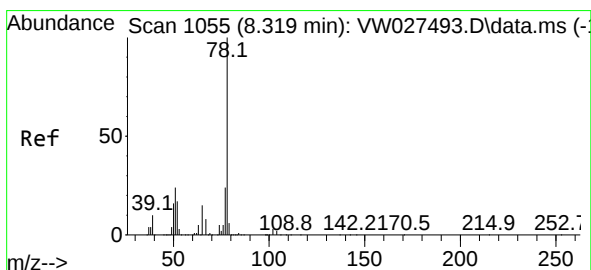
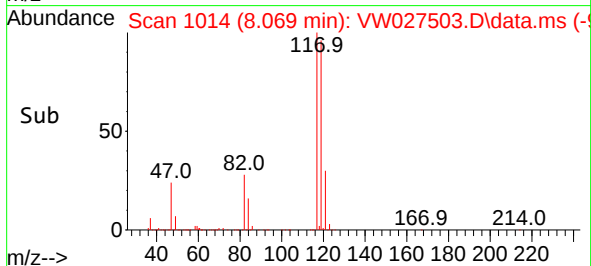
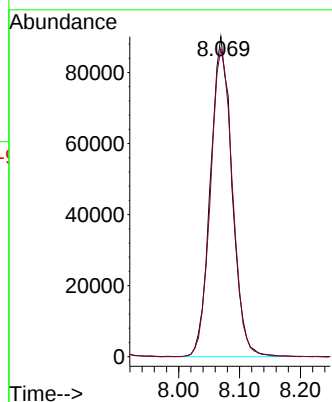
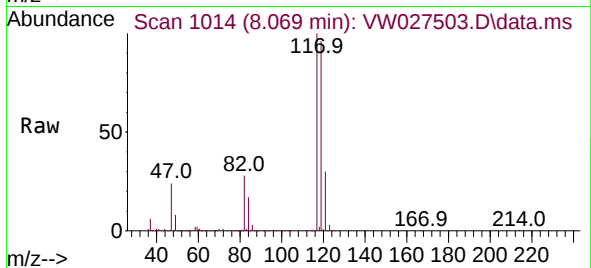
ClientSampleId :

Tgt Ion:117 Resp: 222011

Ion Ratio Lower Upper

117 100

119 97.8 77.1 115.7



#33

Benzene

Concen: 21.411 ug/L

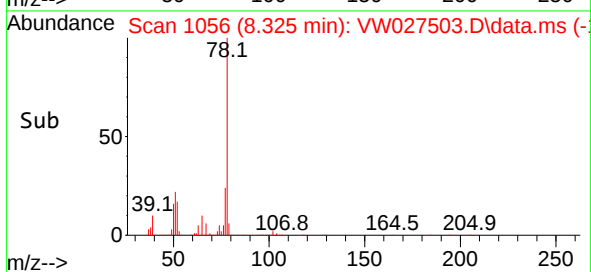
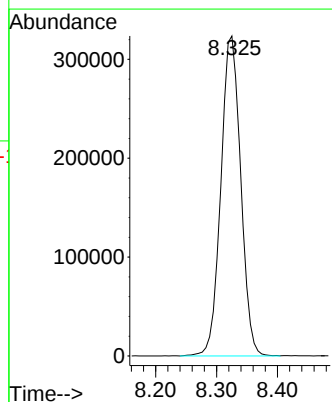
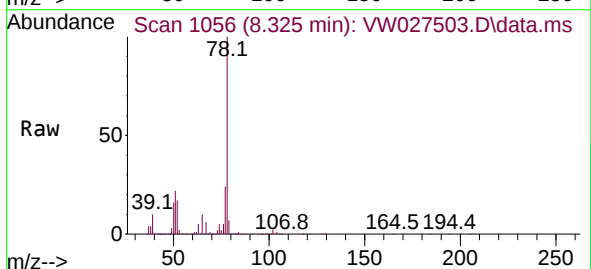
RT: 8.325 min Scan# 1056

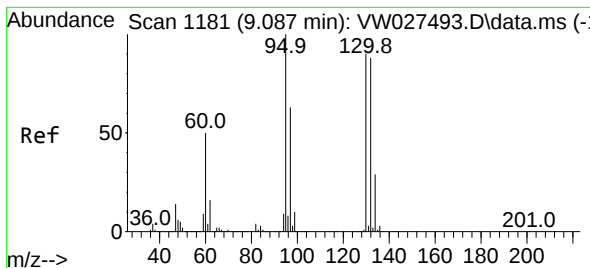
Delta R.T. 0.007 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Tgt Ion: 78 Resp: 732387





#34

Trichloroethene

Concen: 21.106 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.007 min

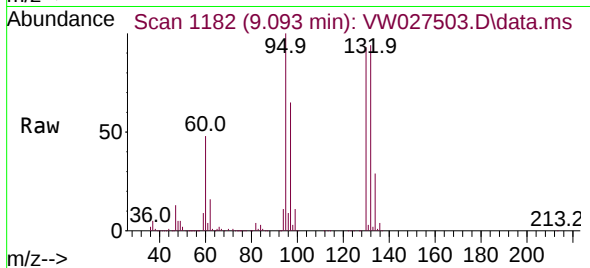
Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 190710

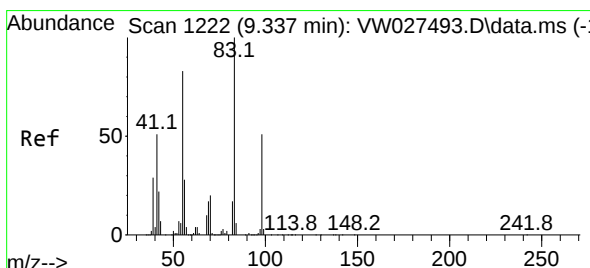
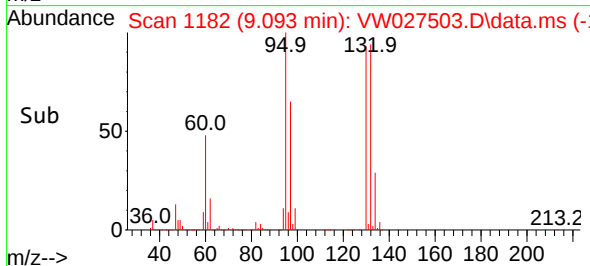
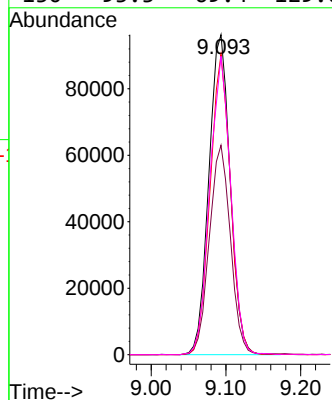
Ion Ratio Lower Upper

95 100

97 65.4 43.4 80.6

132 93.8 67.6 125.6

130 93.3 69.4 129.0



#35

Methylcyclohexane

Concen: 18.862 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

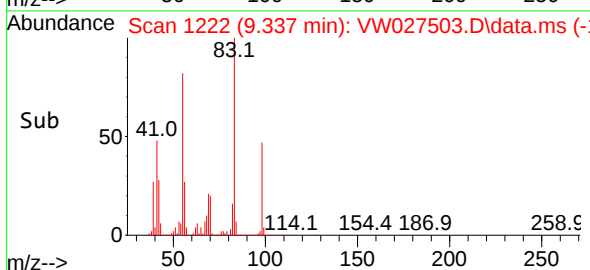
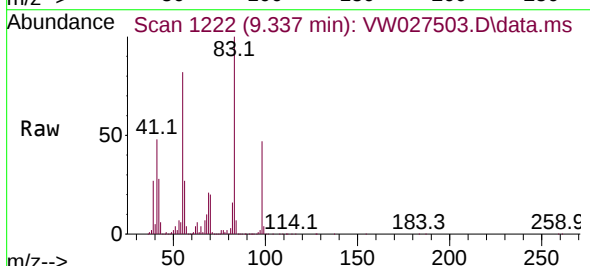
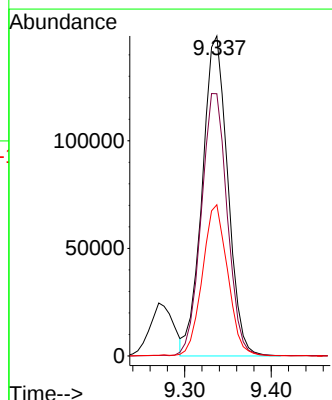
Tgt Ion: 83 Resp: 304779

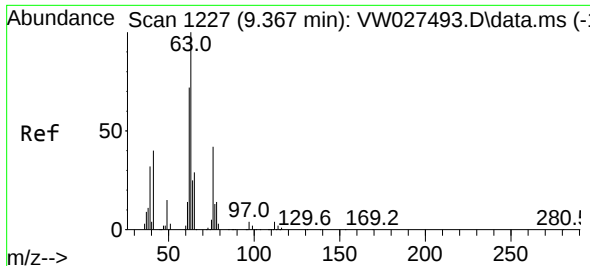
Ion Ratio Lower Upper

83 100

55 83.3 65.8 98.8

98 46.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 24.141 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

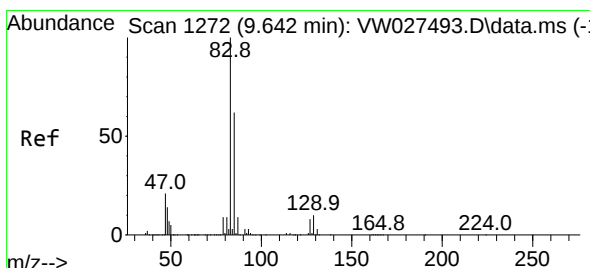
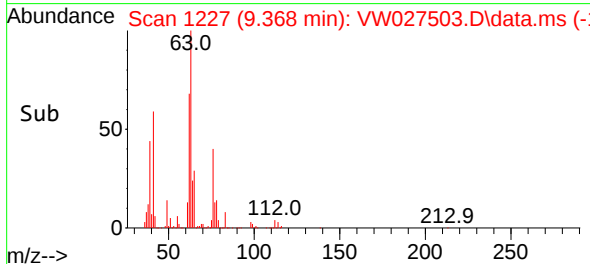
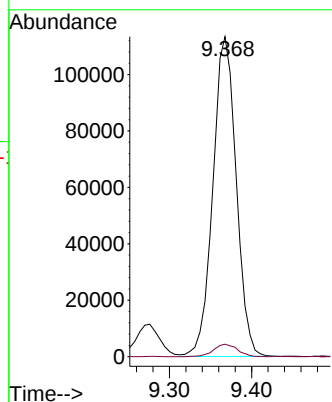
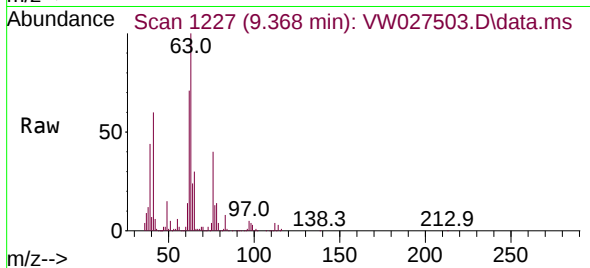
ClientSampleId :

Tgt Ion: 63 Resp: 223285

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 23.562 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

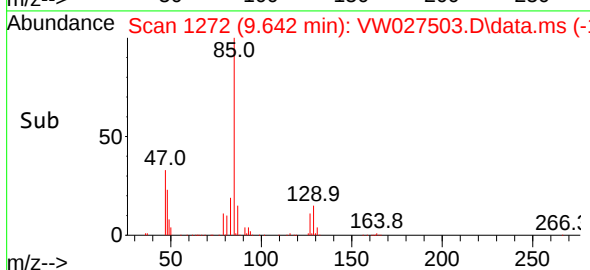
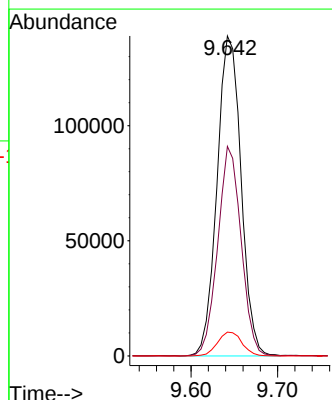
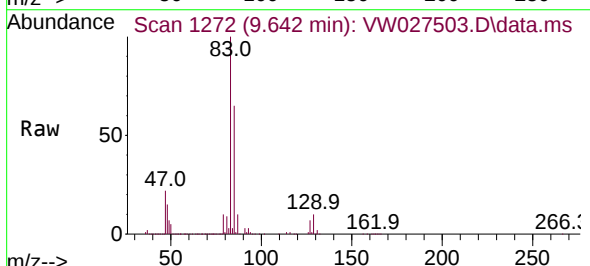
Tgt Ion: 83 Resp: 267965

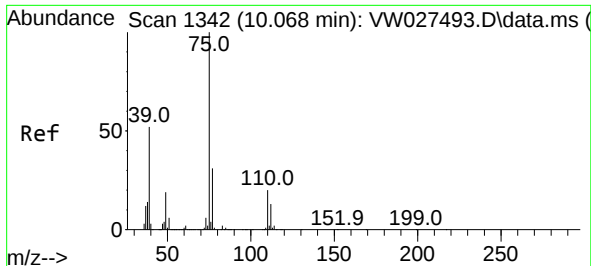
Ion Ratio Lower Upper

83 100

85 65.5 43.9 81.5

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.362 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.007 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

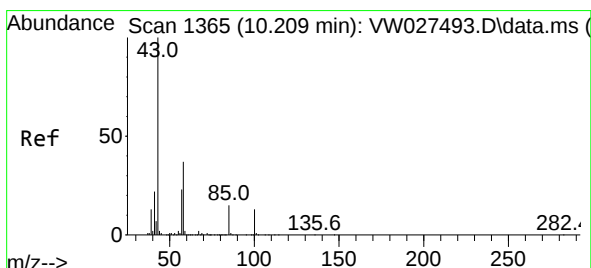
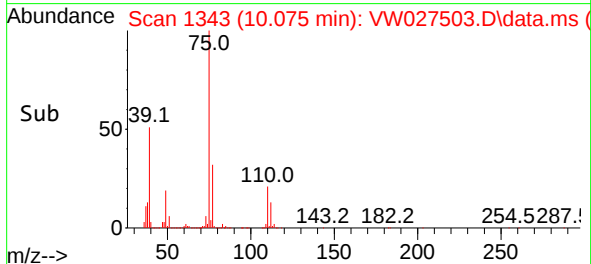
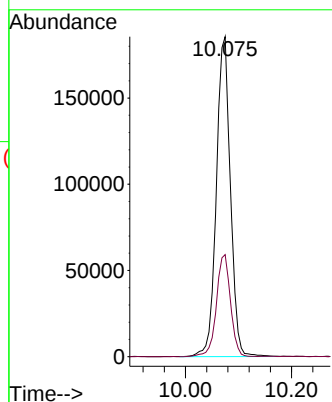
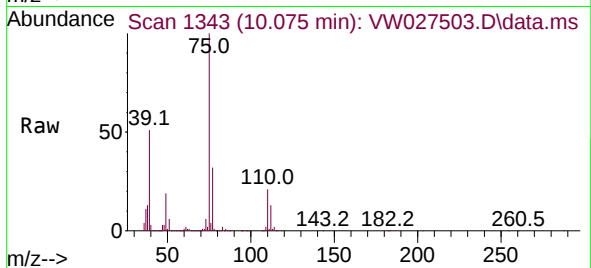
ClientSampleId :

Tgt Ion: 75 Resp: 341652

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 61.914 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

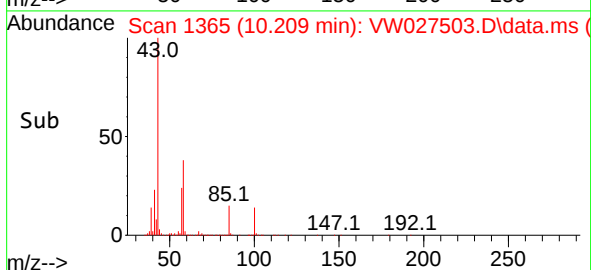
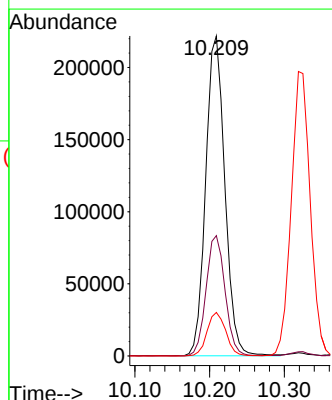
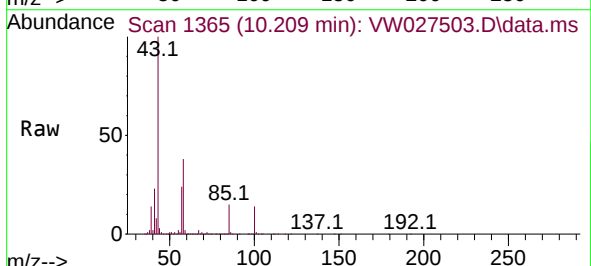
Tgt Ion: 43 Resp: 393817

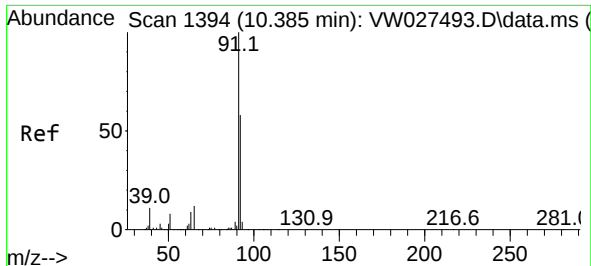
Ion Ratio Lower Upper

43 100

58 37.5 30.5 45.7

100 13.4 11.5 17.3

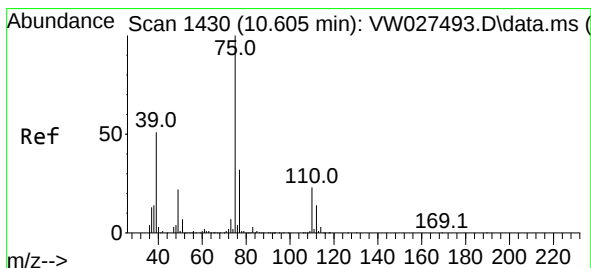
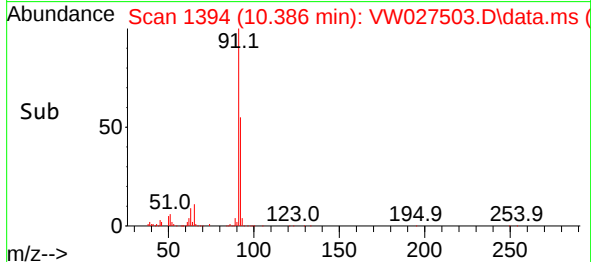
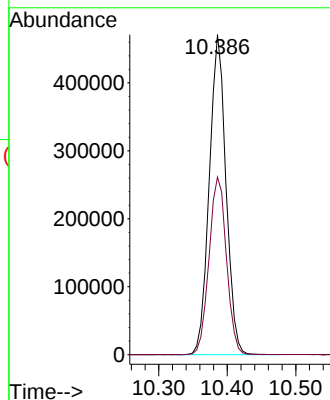
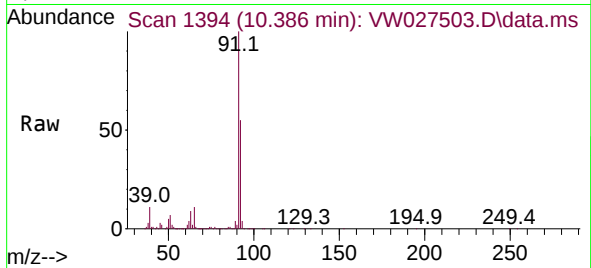




#42
Toluene
Concen: 22.194 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

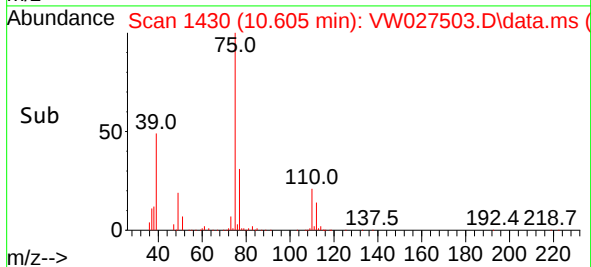
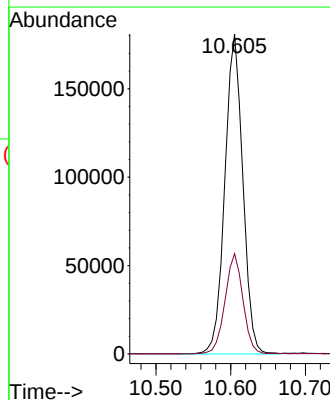
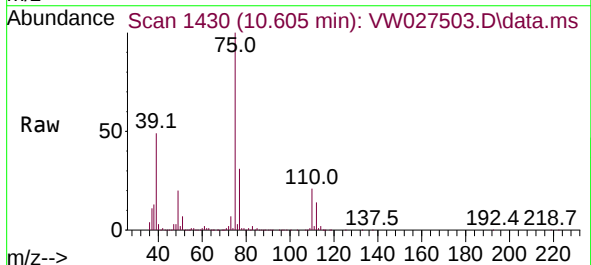
Instrument :
MSVOA_W
ClientSampleId :

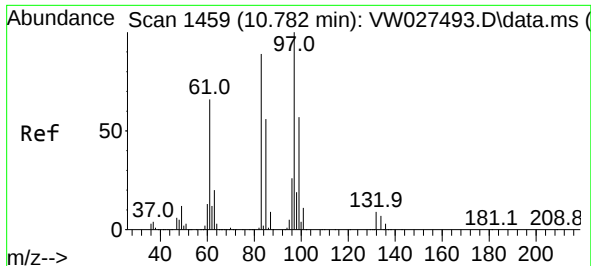
Tgt Ion: 91 Resp: 796416
Ion Ratio Lower Upper
91 100
92 55.5 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 23.462 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion: 75 Resp: 302462
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0

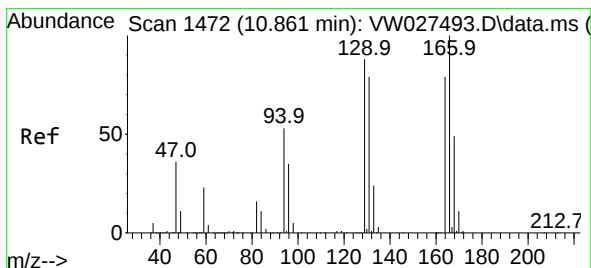
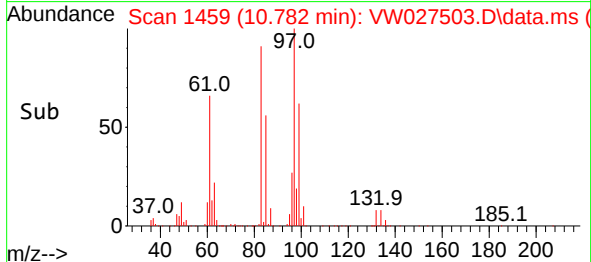
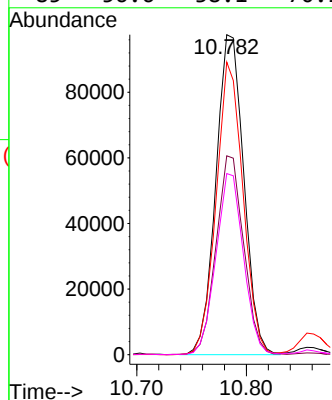
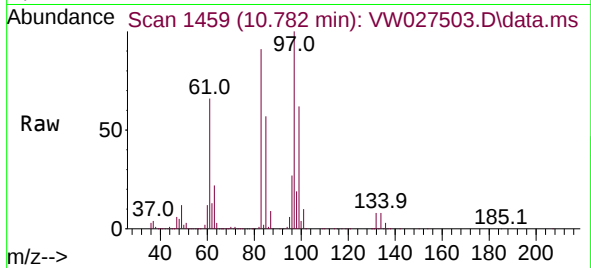




#45
1,1,2-Trichloroethane
Concen: 27.155 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

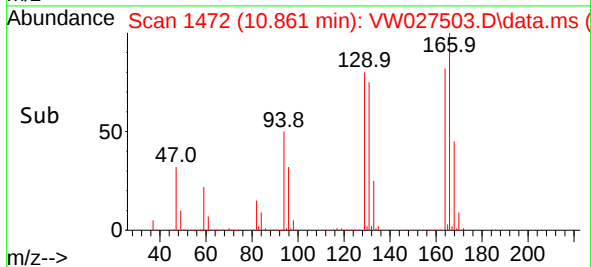
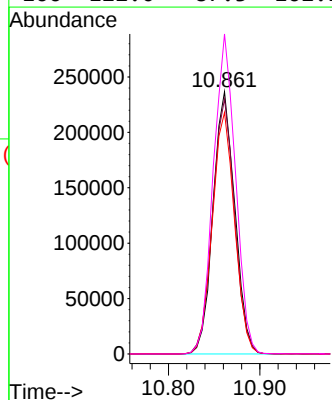
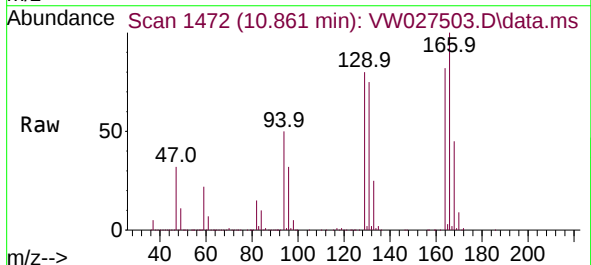
Instrument :
MSVOA_W
ClientSampleId :

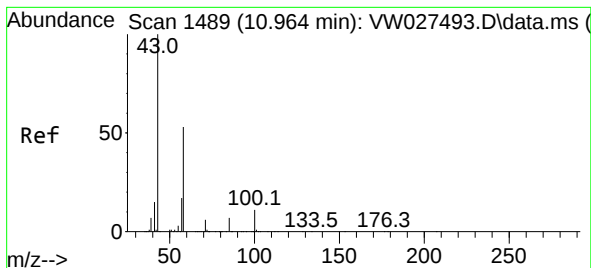
Tgt Ion: 97	Resp: 172830
Ion Ratio	Lower Upper
97 100	
99 62.2	43.8 81.4
83 91.4	57.5 106.7
85 56.6	38.1 70.9



#46
Tetrachloroethene
Concen: 62.849 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt	Ion:164	Resp:	392121
Ion	Ratio	Lower	Upper
164	100		
129	97.2	74.7	138.7
131	92.1	73.2	136.0
166	122.0	87.3	162.1





#48

2-Hexanone

Concen: 57.756 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 271906

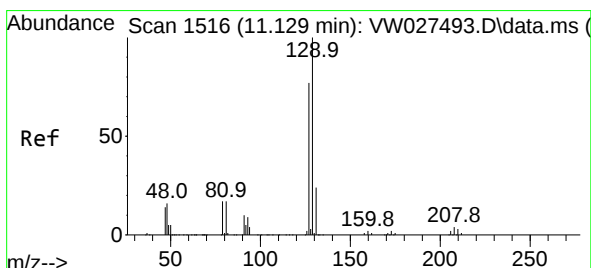
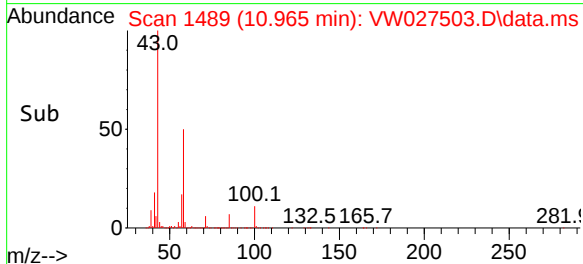
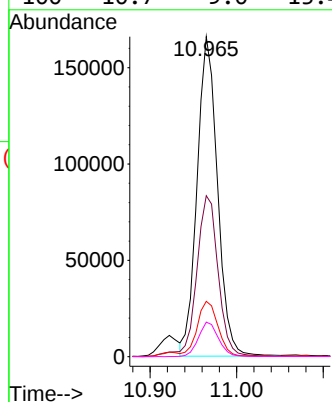
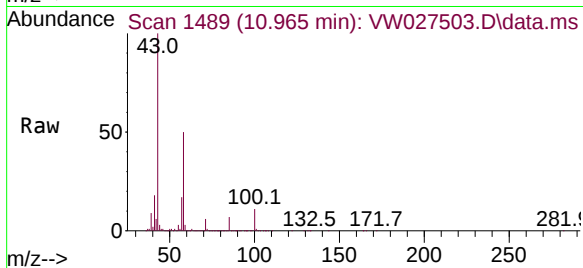
Ion Ratio Lower Upper

43 100

58 51.2 42.2 63.4

57 17.8 15.1 22.7

100 10.7 9.0 13.4



#49

Dibromochloromethane

Concen: 23.463 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027503.D

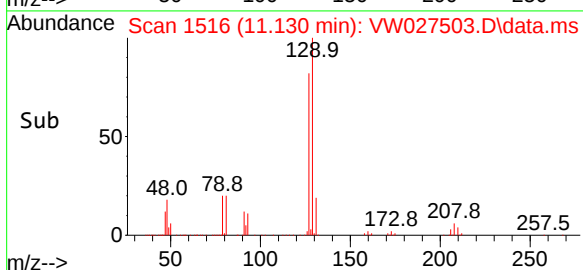
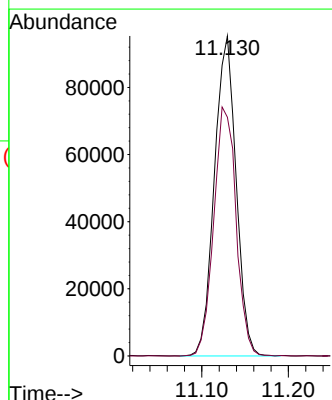
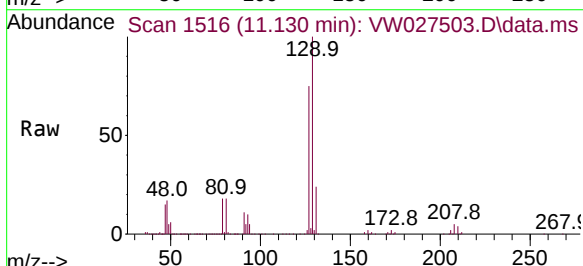
Acq: 01 Nov 2023 15:29

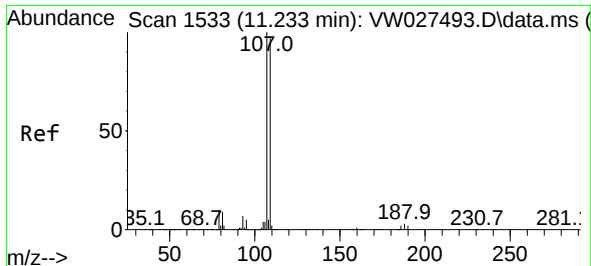
Tgt Ion:129 Resp: 165842

Ion Ratio Lower Upper

129 100

127 74.6 51.7 95.9

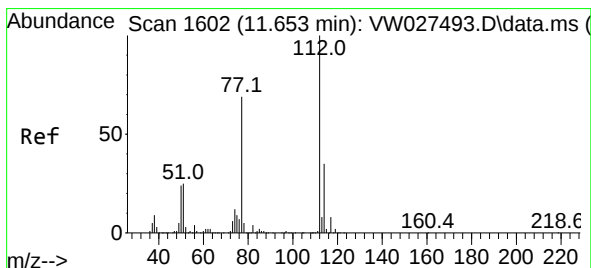
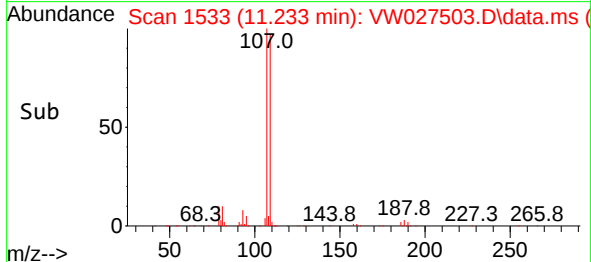
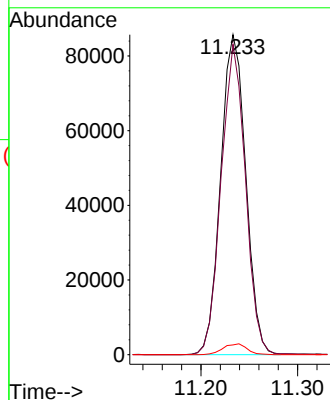
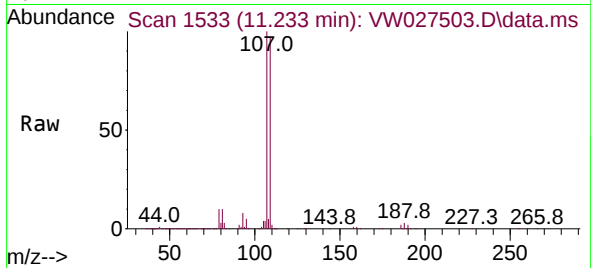




#50
1,2-Dibromoethane
Concen: 25.088 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

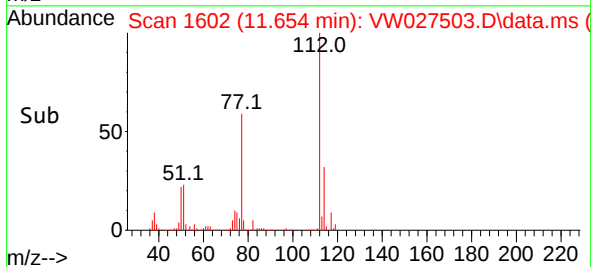
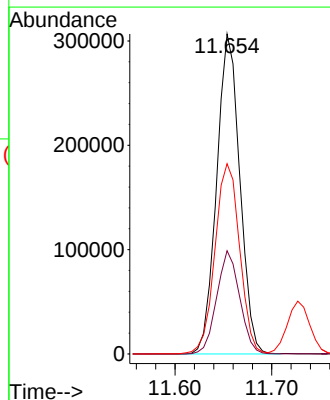
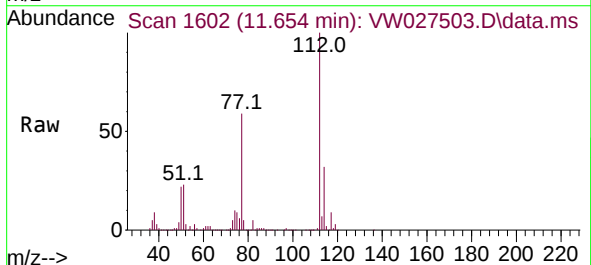
Instrument :
MSVOA_W
ClientSampleId :

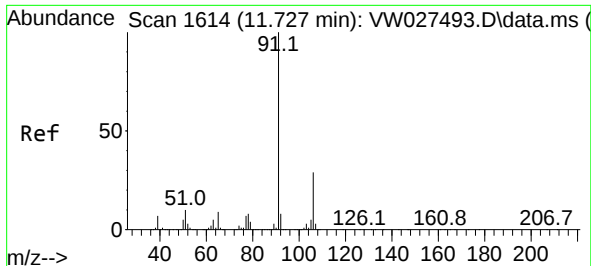
Tgt Ion:107 Resp: 154811
Ion Ratio Lower Upper
107 100
109 97.0 66.3 123.1
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 22.673 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion:112 Resp: 509478
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.6
77 59.5 52.2 78.4

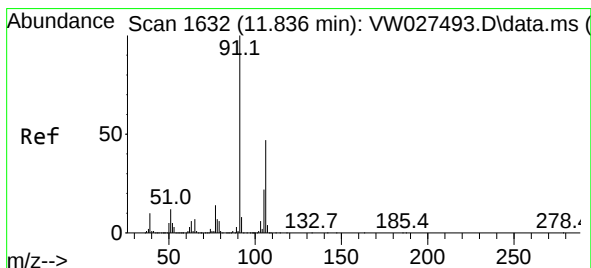
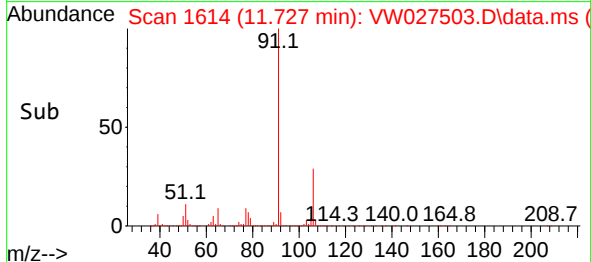
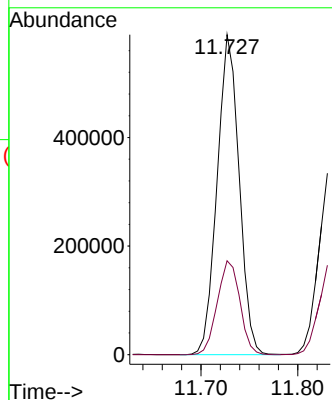
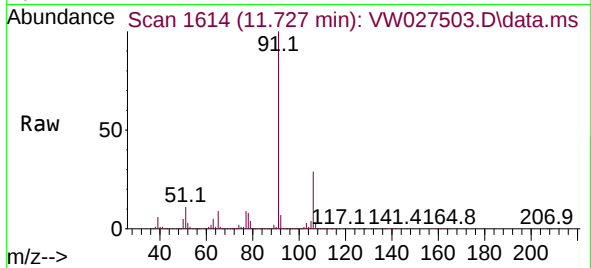




#52
Ethylbenzene
Concen: 22.279 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

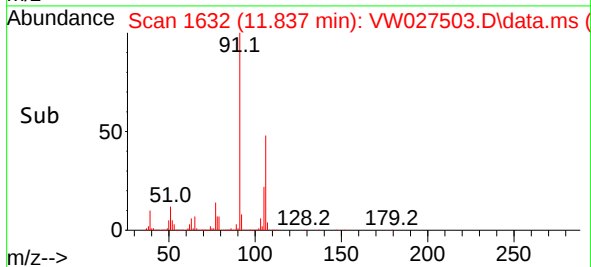
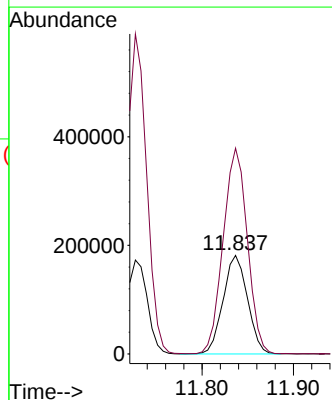
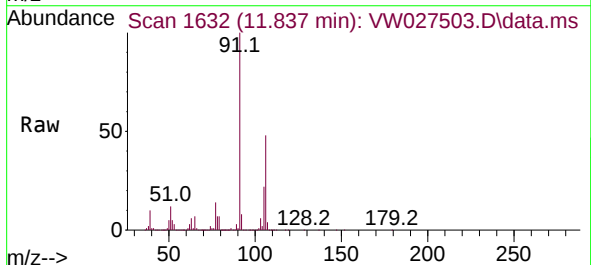
Instrument :
MSVOA_W
ClientSampleId :

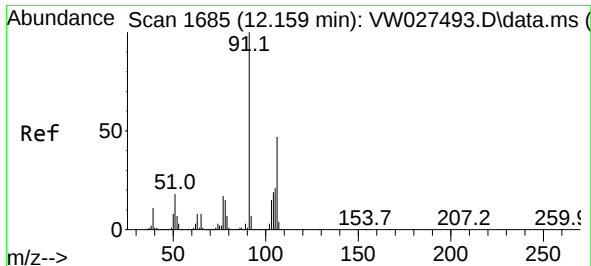
Tgt Ion: 91 Resp: 929025
Ion Ratio Lower Upper
91 100
106 29.4 19.8 36.8



#53
m,p-Xylene
Concen: 21.185 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion:106 Resp: 335060
Ion Ratio Lower Upper
106 100
91 208.6 144.5 268.4

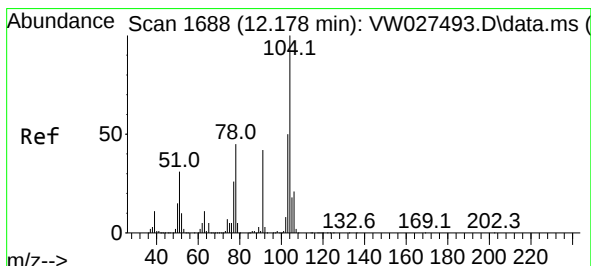
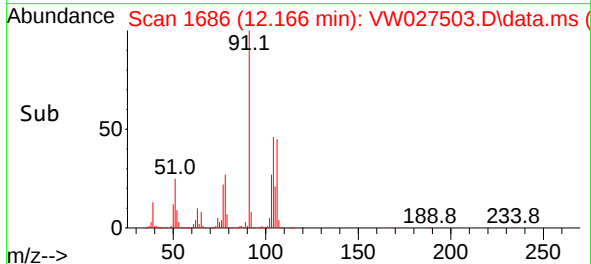
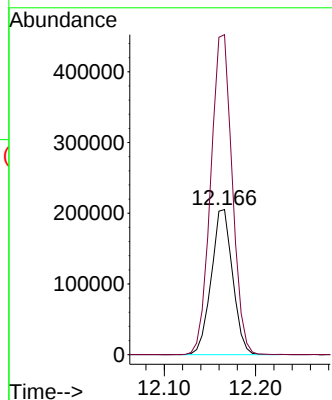
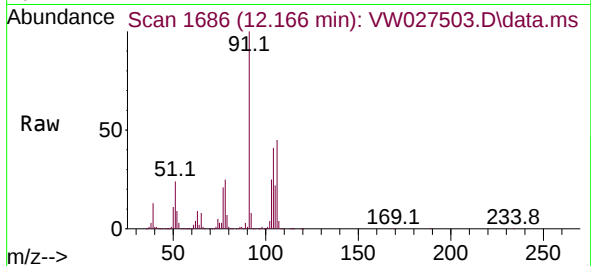




#54
o-Xylene
Concen: 22.003 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.007 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

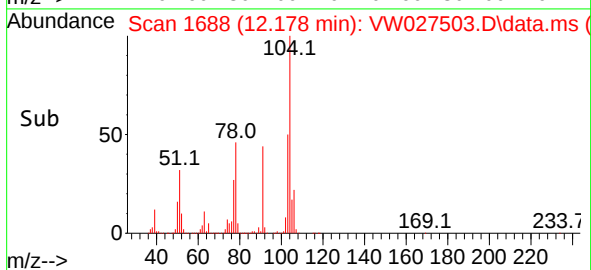
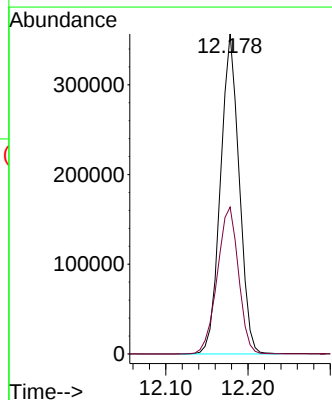
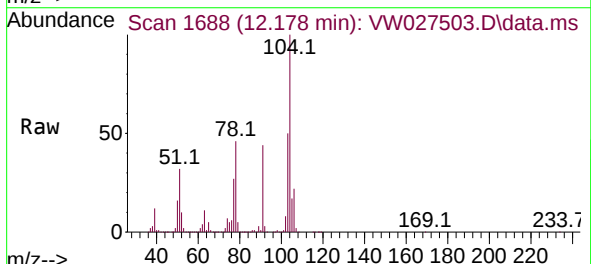
Instrument :
MSVOA_W
ClientSampleId :

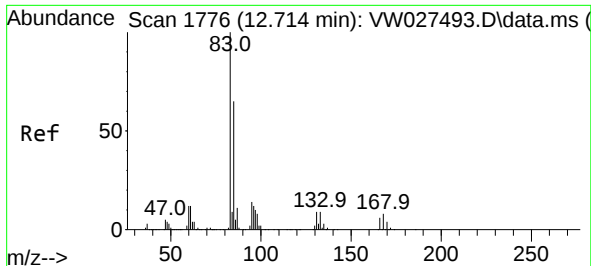
Tgt Ion:106 Resp: 333245
Ion Ratio Lower Upper
106 100
91 220.5 152.0 282.2



#55
Styrene
Concen: 21.757 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion:104 Resp: 562768
Ion Ratio Lower Upper
104 100
78 45.9 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 30.200 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

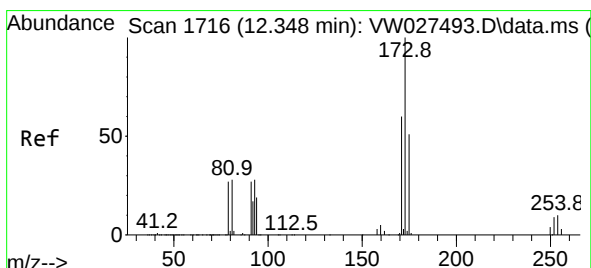
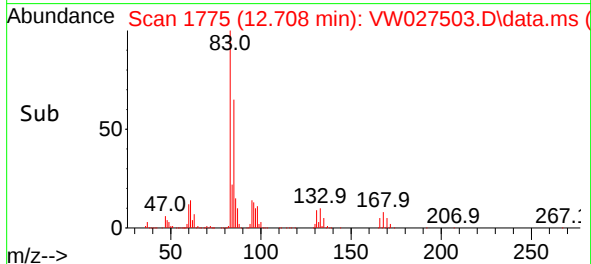
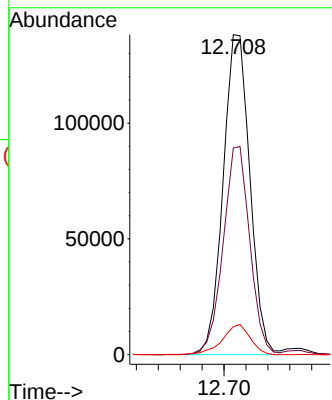
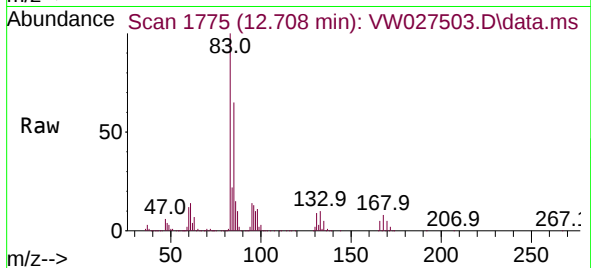
Tgt Ion: 83 Resp: 234644

Ion Ratio Lower Upper

83 100

85 64.6 43.2 80.2

131 8.7 7.2 10.8



#59

Bromoform

Concen: 23.874 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

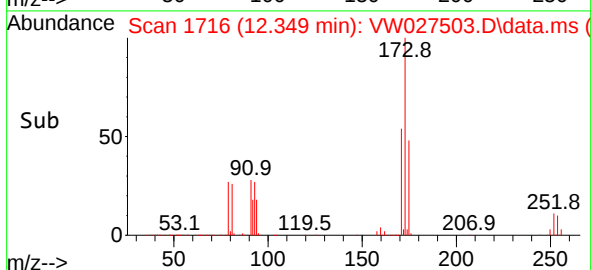
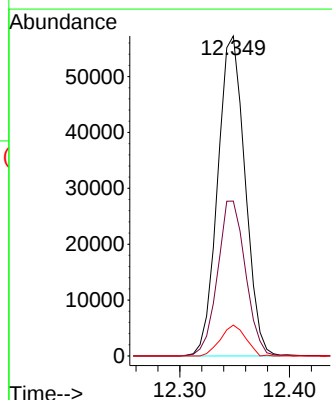
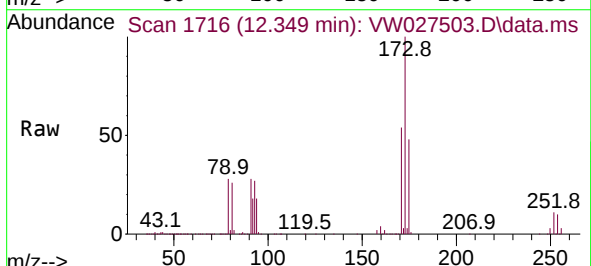
Tgt Ion:173 Resp: 99301

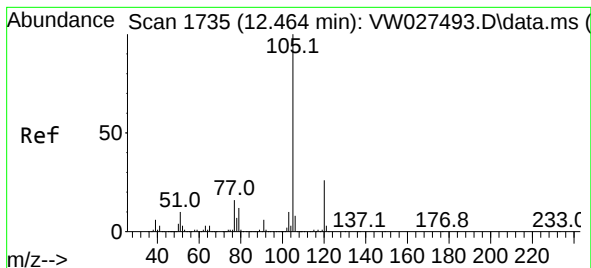
Ion Ratio Lower Upper

173 100

175 49.4 39.6 59.4

254 8.8 6.6 10.0





#60

Isopropylbenzene

Concen: 20.869 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027503.D

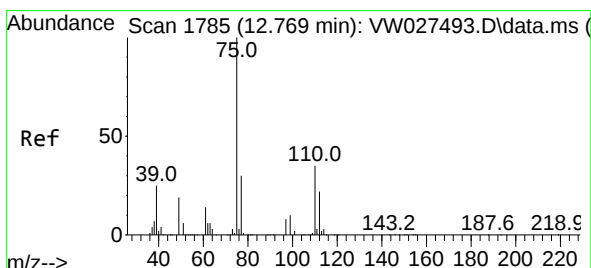
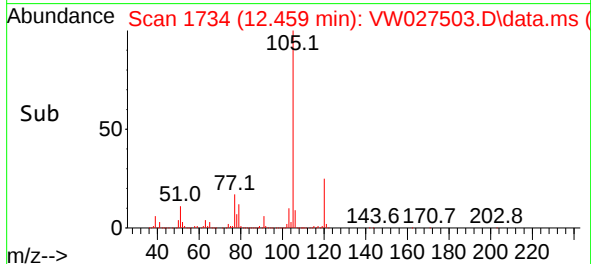
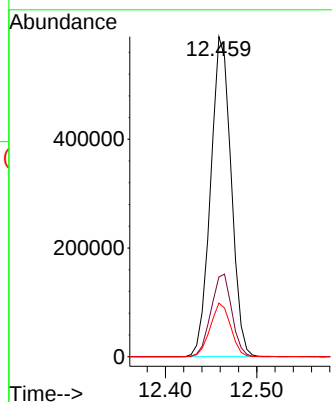
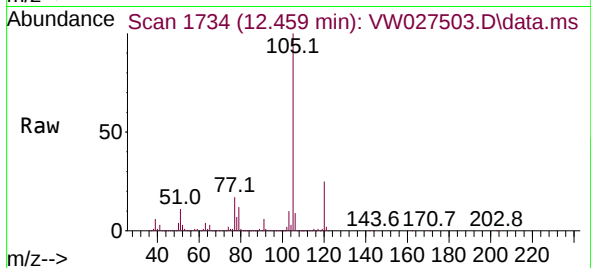
Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	916380
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.1	30.1
77	16.6	12.9	19.3



#61

1,2,3-Trichloropropane

Concen: 28.017 ug/L

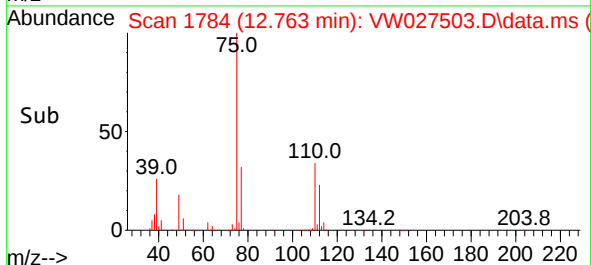
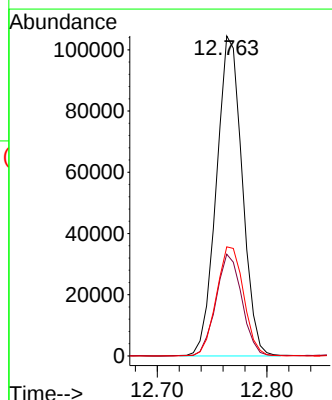
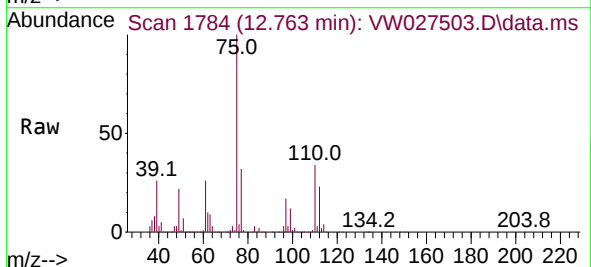
RT: 12.763 min Scan# 1784

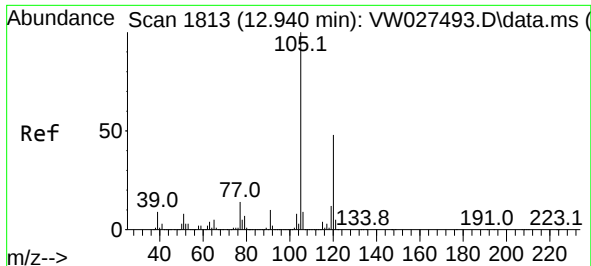
Delta R.T. -0.006 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Tgt Ion:	75	Resp:	170994
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
110	35.9	29.7	44.5

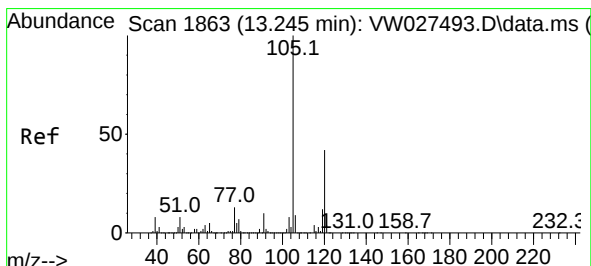
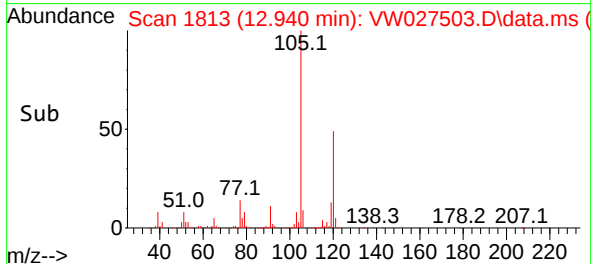
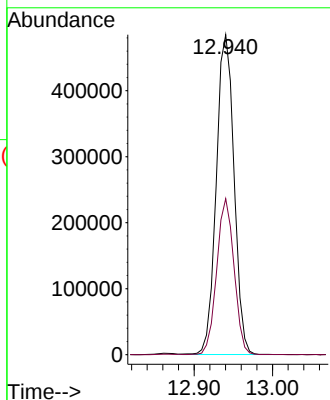
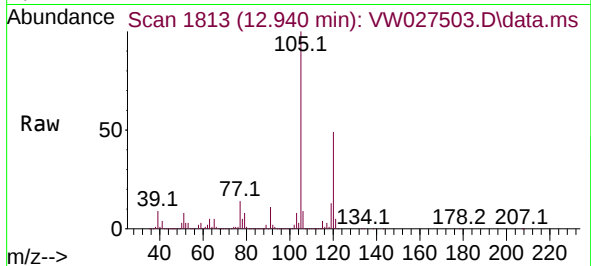




#62
1,3,5-Trimethylbenzene
Concen: 20.874 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

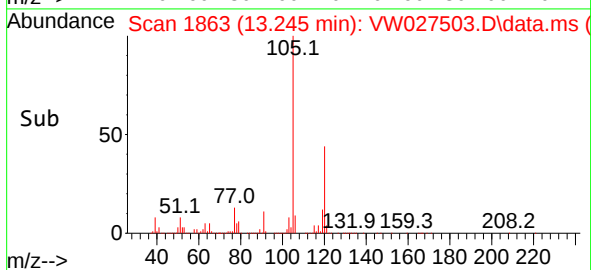
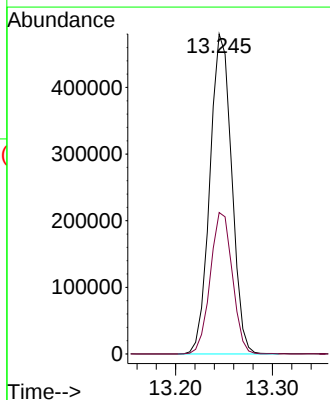
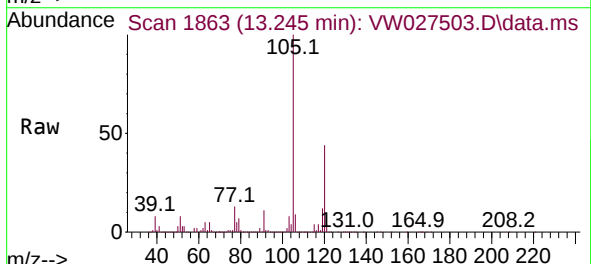
Instrument :
MSVOA_W
ClientSampleId :

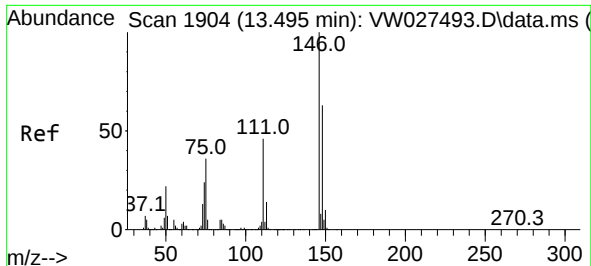
Tgt Ion:105 Resp: 764595
Ion Ratio Lower Upper
105 100
120 47.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 20.932 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion:105 Resp: 750150
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.2

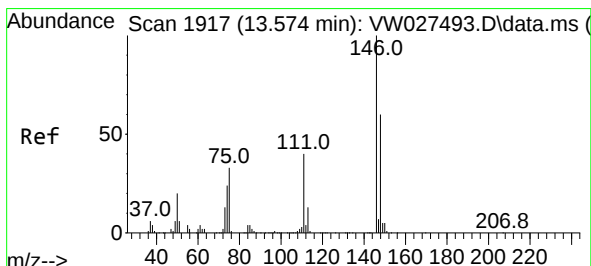
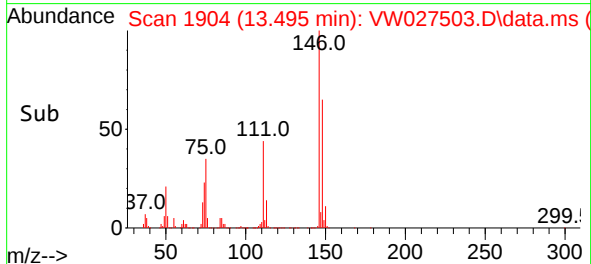
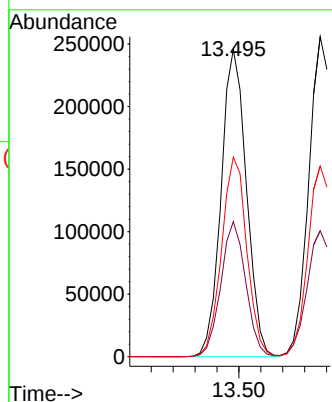
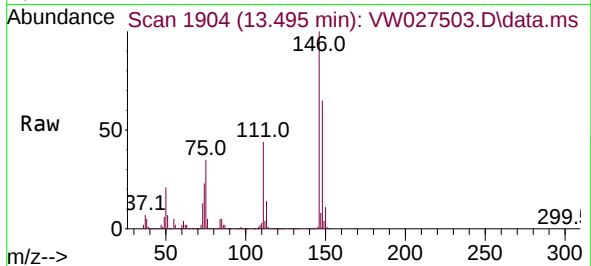




#64
1,3-Dichlorobenzene
Concen: 22.152 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

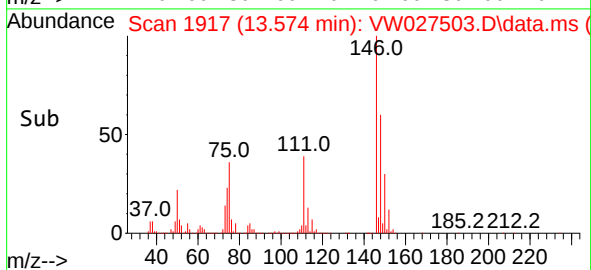
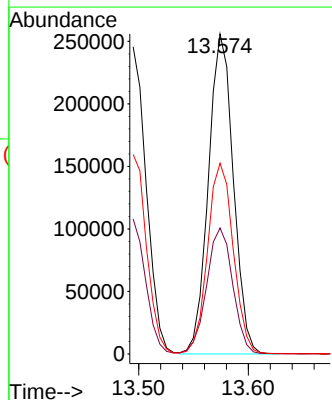
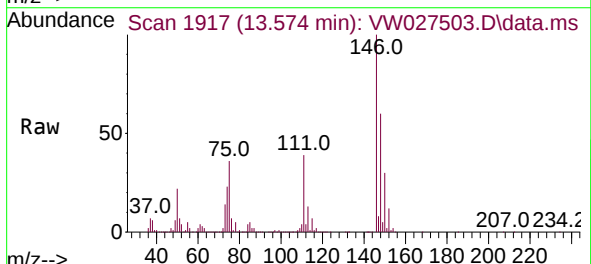
Instrument :
MSVOA_W
ClientSampleId :

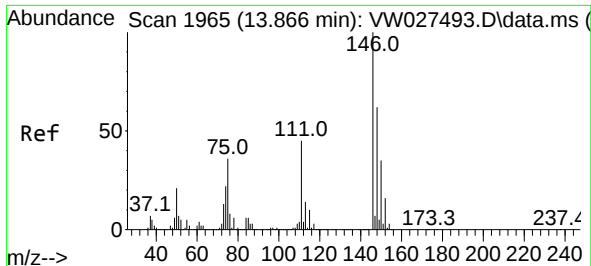
Tgt Ion:146 Resp: 394448
Ion Ratio Lower Upper
146 100
111 44.0 30.8 57.2
148 64.9 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 22.770 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027503.D
Acq: 01 Nov 2023 15:29

Tgt Ion:146 Resp: 404907
Ion Ratio Lower Upper
146 100
111 39.3 29.5 54.9
148 59.6 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 22.965 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

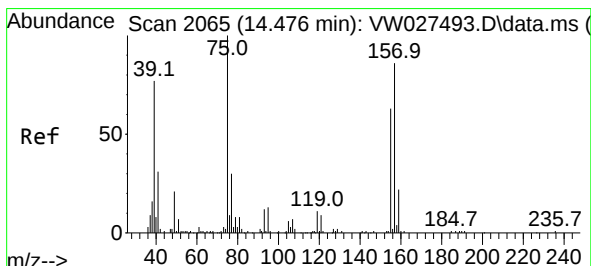
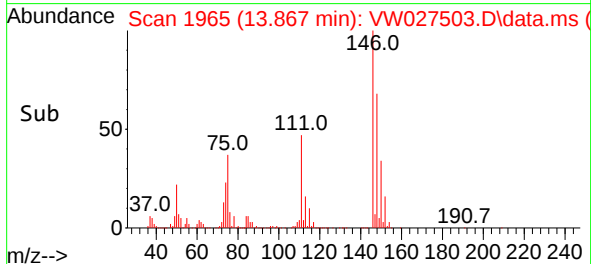
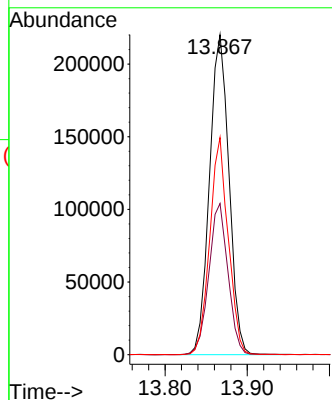
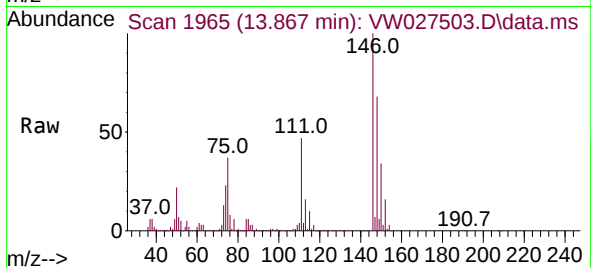
Tgt Ion:146 Resp: 362864

Ion Ratio Lower Upper

146 100

111 47.3 36.8 55.2

148 67.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.790 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.007 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

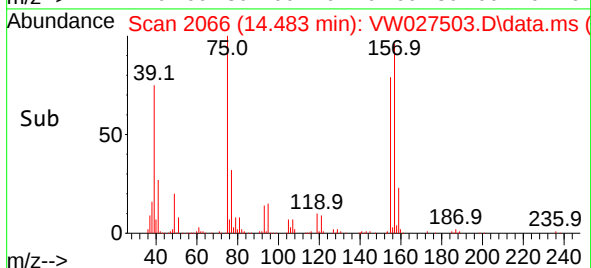
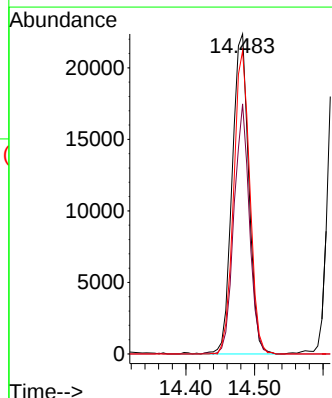
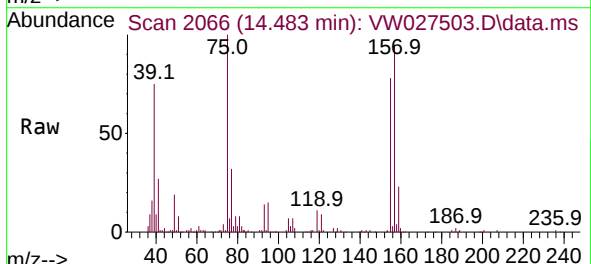
Tgt Ion: 75 Resp: 37814

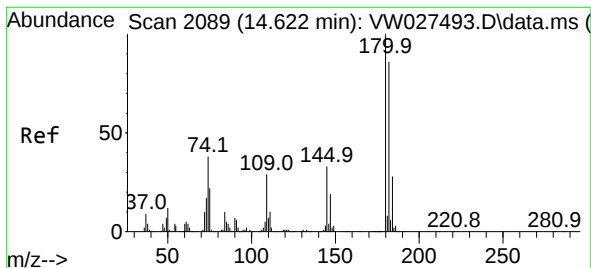
Ion Ratio Lower Upper

75 100

155 78.1 54.9 82.3

157 94.7 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 20.662 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

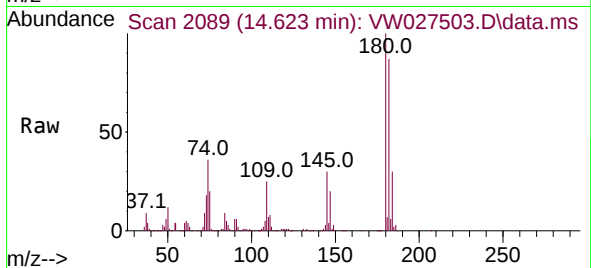
Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 238839

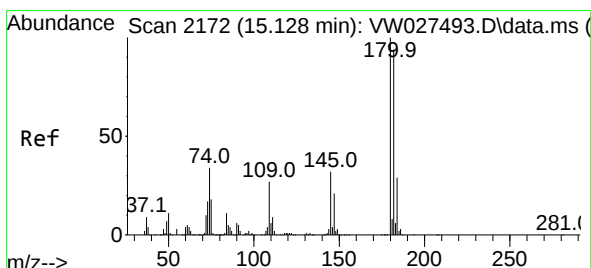
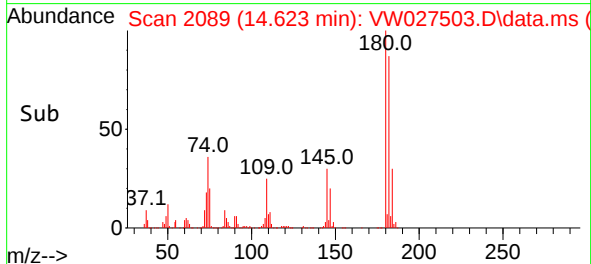
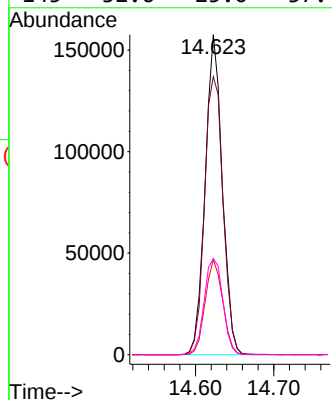
Ion Ratio Lower Upper

180 100

182 94.0 73.4 110.0

184 30.4 23.3 34.9

145 32.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 20.997 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

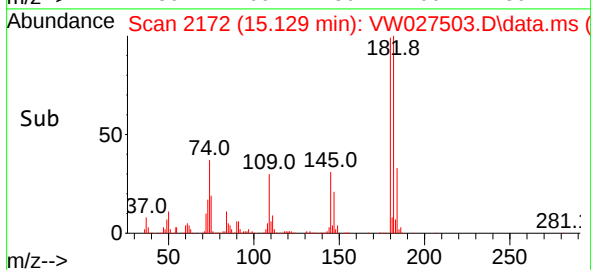
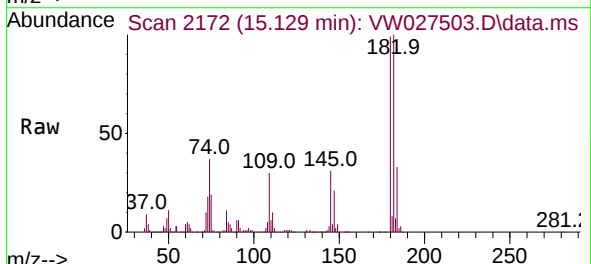
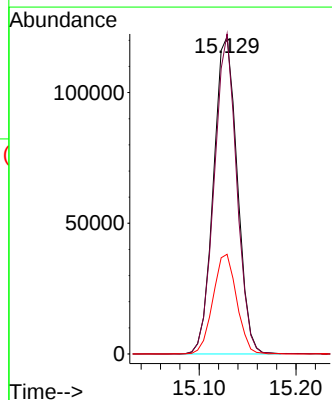
Tgt Ion:180 Resp: 206588

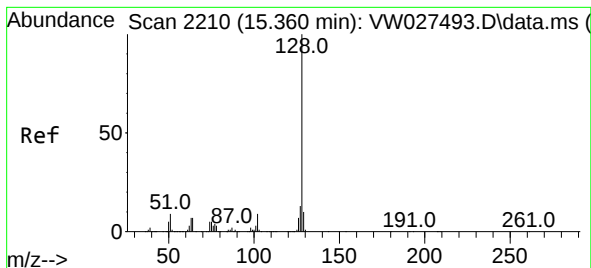
Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

145 31.3 26.4 39.6





#71

Naphthalene

Concen: 25.294 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Instrument :

MSVOA_W

ClientSampleId :

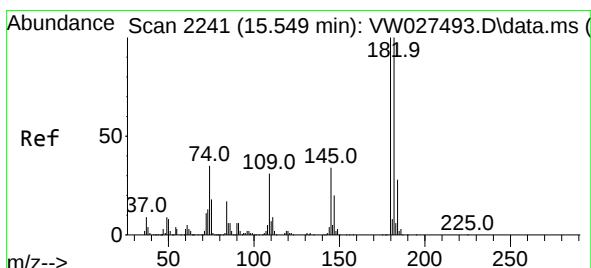
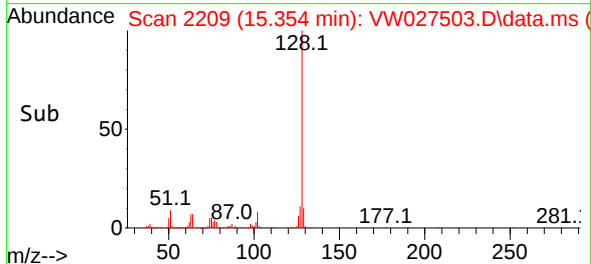
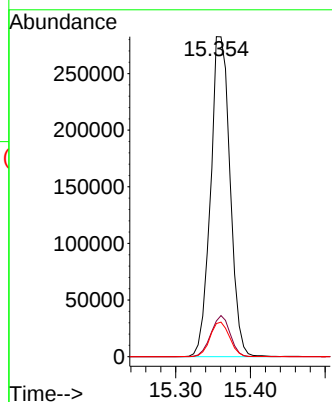
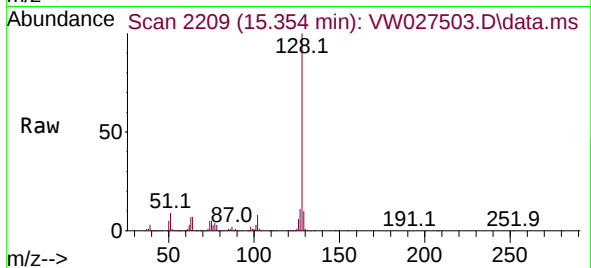
Tgt Ion:128 Resp: 511768

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 22.113 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027503.D

Acq: 01 Nov 2023 15:29

Tgt Ion:180 Resp: 178900

Ion Ratio Lower Upper

180 100

182 96.9 81.1 121.7

145 35.3 30.6 45.8

