

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027337.D
 Acq On : 19 Oct 2023 09:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 02:43:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 18 22:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	428344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	392194	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	207288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	165130	25.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.040%	
7) Chloroethane-d5	2.899	69	129044	27.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.960%	
11) 1,1-Dichloroethene-d2	4.021	65	85199	26.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.040%	
21) 2-Butanone-d5	7.081	46	118352	54.469	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.940%	
24) Chloroform-d	7.648	84	357084	27.970	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.880%	
26) 1,2-Dichloroethane-d4	8.307	65	191115	27.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.480%	
32) Benzene-d6	8.276	84	725154	27.329	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.320%	
36) 1,2-Dichloropropane-d6	9.276	67	224997	27.761	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.040%	
41) Toluene-d8	10.325	98	626990	26.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.240%	
43) trans-1,3-Dichloroprop...	10.575	79	96021	25.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.920%	
47) 2-Hexanone-d5	10.922	63	93064	55.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.000%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	174267	28.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.280%	
66) 1,2-Dichlorobenzene-d4	13.848	152	186812	24.869	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	112758	22.124	ug/L #	90
3) Chloromethane	2.229	50	150407	25.680	ug/L	98
5) Vinyl chloride	2.375	62	168527	25.759	ug/L	95
6) Bromomethane	2.789	94	94387	25.329	ug/L	98
8) Chloroethane	2.936	64	99855	26.515	ug/L	98
9) Trichlorofluoromethane	3.265	101	139409	30.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	154632	26.754	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	146231	26.034	ug/L	97
13) Acetone	4.118	43	117358	62.535	ug/L	99
14) Carbon disulfide	4.393	76	418526	24.036	ug/L	100
15) Methyl Acetate	4.679	43	83394	26.017	ug/L	100
16) Methylene chloride	4.923	84	181617	23.163	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	154155	25.537	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	279463	26.833	ug/L	100
19) 1,1-Dichloroethane	6.222	63	329987	26.793	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	177846	26.088	ug/L	98
22) 2-Butanone	7.173	43	143913	51.233	ug/L	99
23) Bromochloromethane	7.520	128	71583	25.434	ug/L	94
25) Chloroform	7.679	83	313767	27.220	ug/L	99

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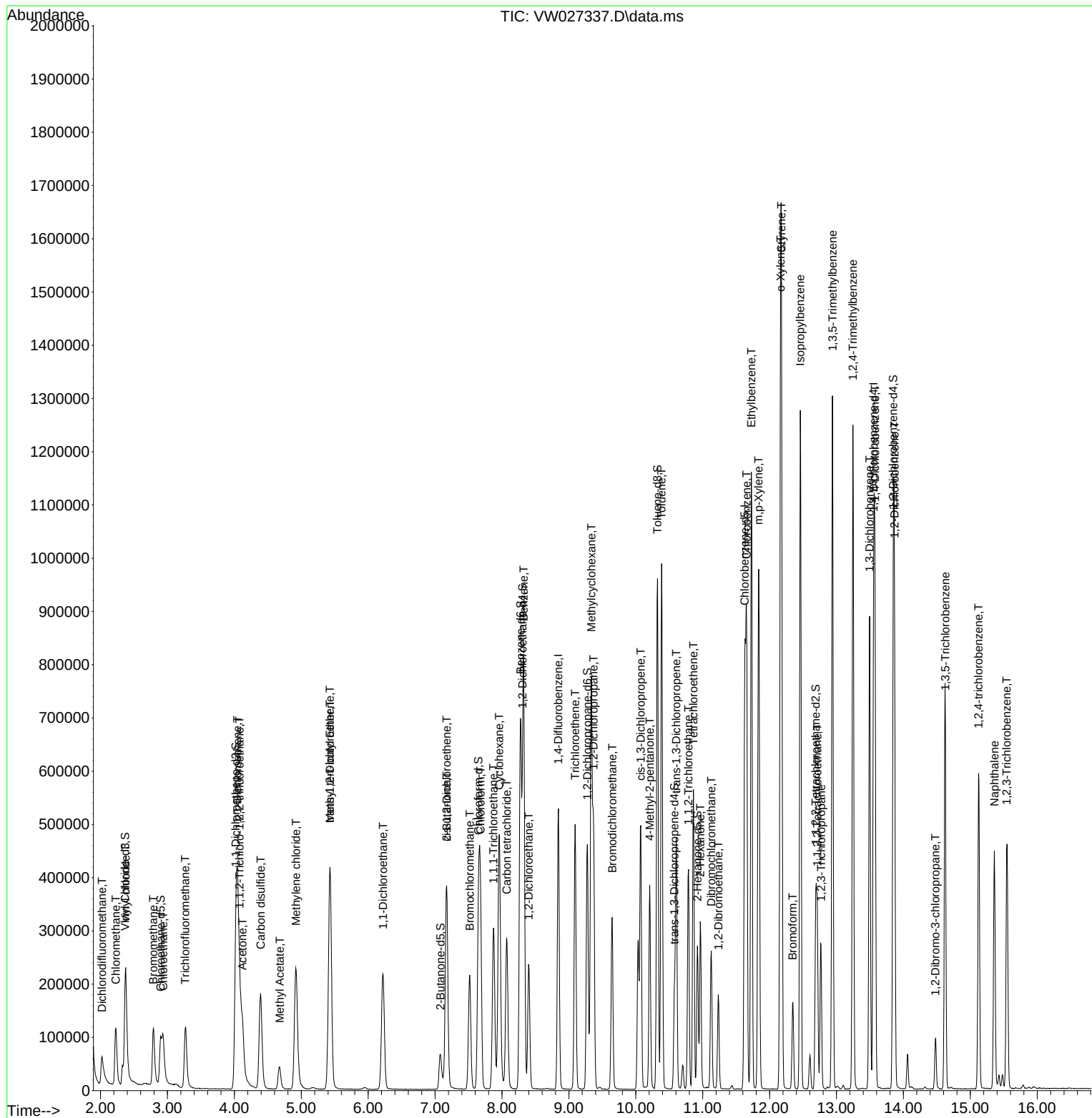
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	215394	27.508	ug/L	100
29) Cyclohexane	7.959	56	299387	25.142	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	252255	26.368	ug/L	98
31) Carbon tetrachloride	8.069	117	222750	25.822	ug/L	97
33) Benzene	8.325	78	676314	26.386	ug/L	100
34) Trichloroethene	9.093	95	177186	26.170	ug/L	95
35) Methylcyclohexane	9.337	83	303229	25.045	ug/L	99
37) 1,2-Dichloropropane	9.367	63	189818	27.389	ug/L	98
38) Bromodichloromethane	9.648	83	222101	26.063	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	297880	26.020	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	259561	54.460	ug/L	99
42) Toluene	10.386	91	707858	26.326	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	246089	25.476	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	131144	27.499	ug/L	98
46) Tetrachloroethene	10.861	164	120616	25.800	ug/L	93
48) 2-Hexanone	10.965	43	203017	57.551	ug/L	99
49) Dibromochloromethane	11.129	129	134307	25.358	ug/L	89
50) 1,2-Dibromoethane	11.233	107	119044	25.746	ug/L	98
51) Chlorobenzene	11.654	112	434351	25.797	ug/L	98
52) Ethylbenzene	11.727	91	812169	25.993	ug/L	98
53) m,p-Xylene	11.837	106	304436	25.689	ug/L	98
54) o-Xylene	12.166	106	300390	26.469	ug/L	93
55) Styrene	12.178	104	500870	25.842	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	158023	27.143	ug/L	100
59) Bromoform	12.343	173	74710	24.221	ug/L	98
60) Isopropylbenzene	12.458	105	810259	24.882	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	118220	26.120	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	687816	25.322	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	667092	25.101	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	331557	25.108	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	328833	24.935	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	285165	24.336	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	26250	23.206	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	211423	24.664	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	172828	23.687	ug/L	97
71) Naphthalene	15.360	128	371027	24.728	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	152894	25.484	ug/L	89

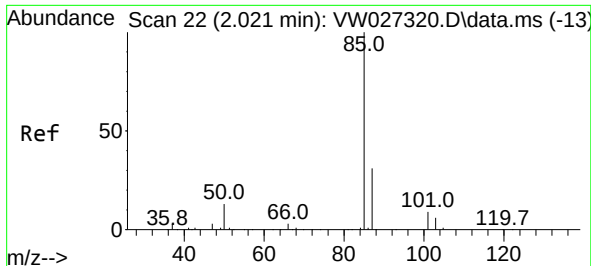
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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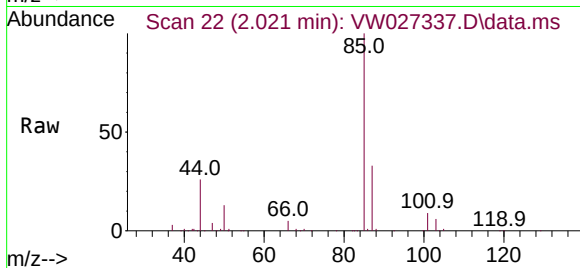
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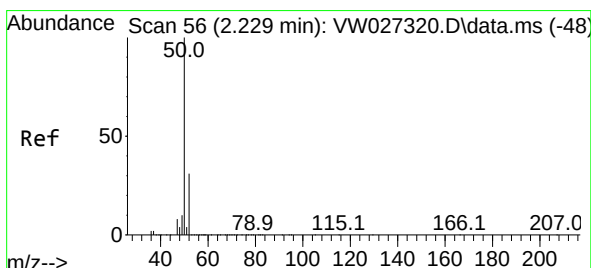
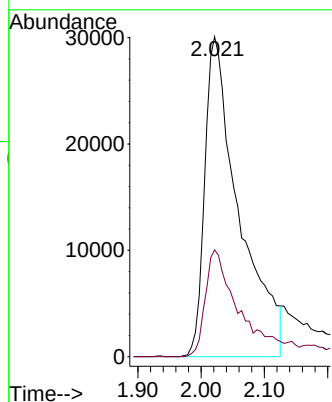
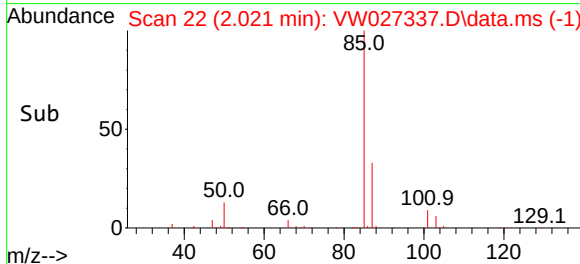


#2
 Dichlorodifluoromethane
 Concen: 22.124 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027337.D
 Acq: 19 Oct 2023 09:39

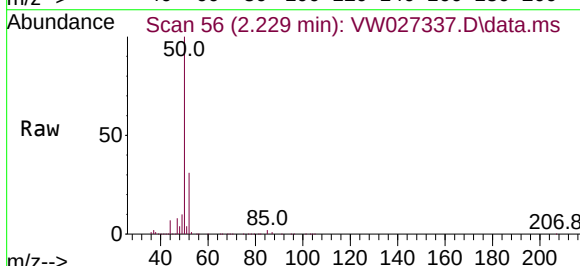
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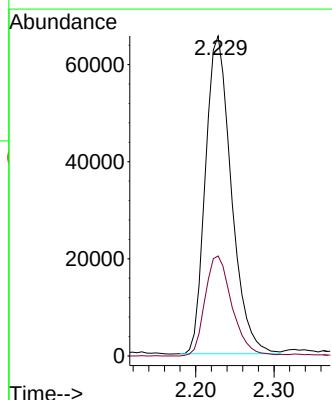
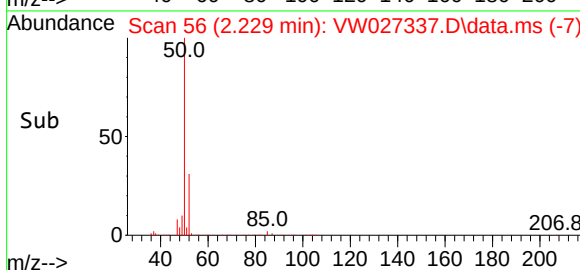
Tgt Ion: 85 Resp: 112758
 Ion Ratio Lower Upper
 85 100
 87 27.8 18.3 27.5#

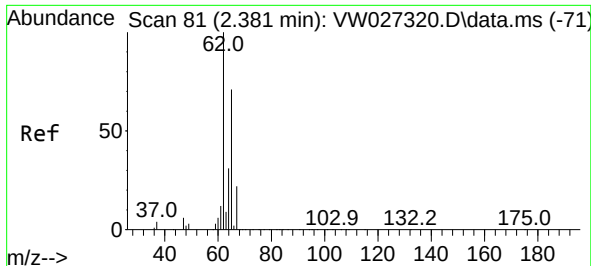


#3
 Chloromethane
 Concen: 25.680 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027337.D
 Acq: 19 Oct 2023 09:39



Tgt Ion: 50 Resp: 150407
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.7 42.3

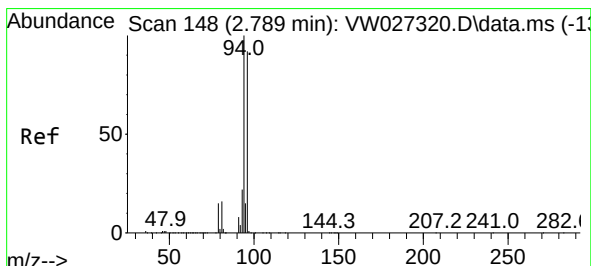
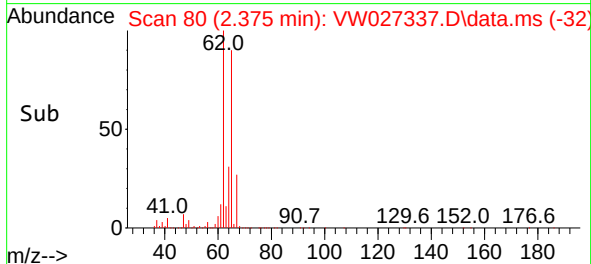
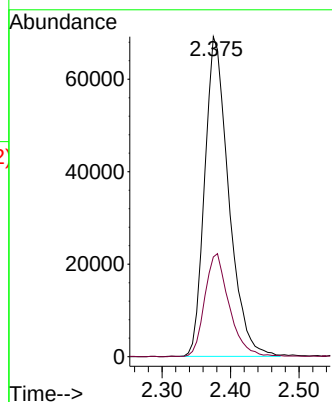
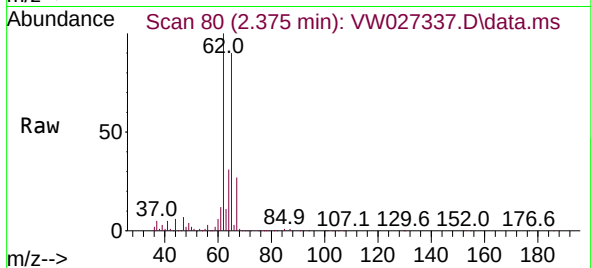




#5
 Vinyl chloride
 Concen: 25.759 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027337.D
 Acq: 19 Oct 2023 09:39

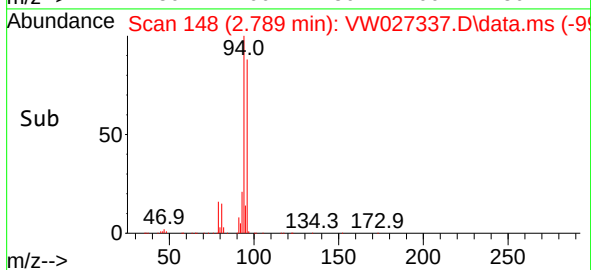
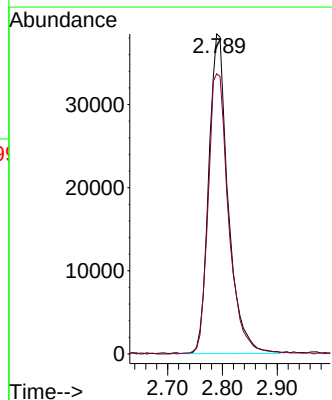
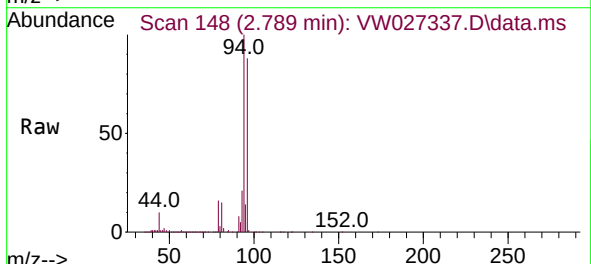
Instrument :
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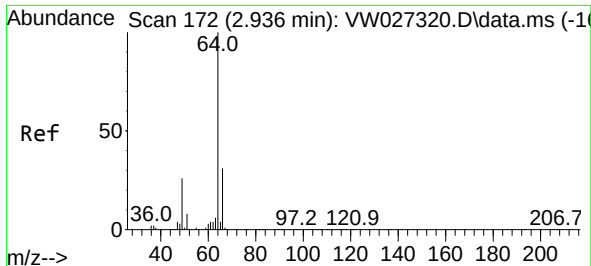
Tgt Ion: 62 Resp: 168527
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.8 44.2



#6
 Bromomethane
 Concen: 25.329 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027337.D
 Acq: 19 Oct 2023 09:39

Tgt Ion: 94 Resp: 94387
 Ion Ratio Lower Upper
 94 100
 96 87.5 62.9 116.9

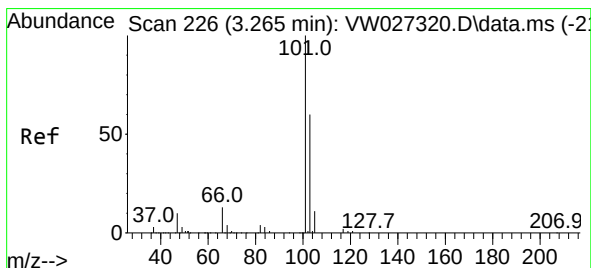
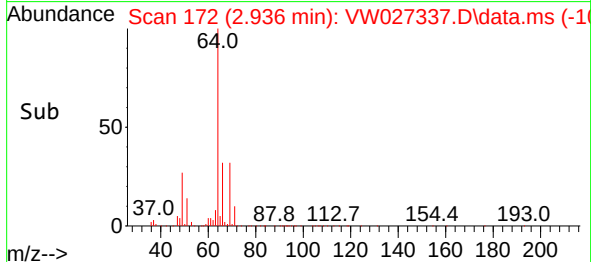
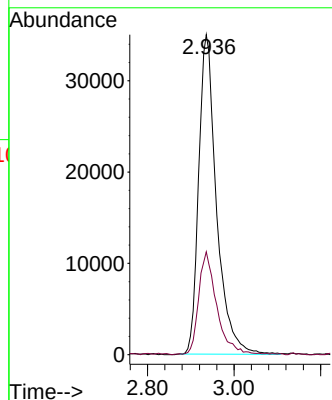
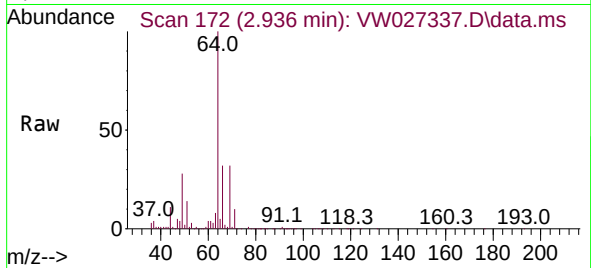




#8
Chloroethane
Concen: 26.515 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

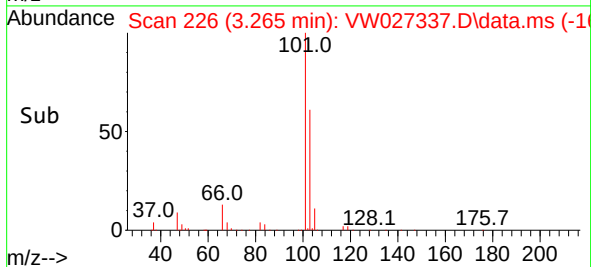
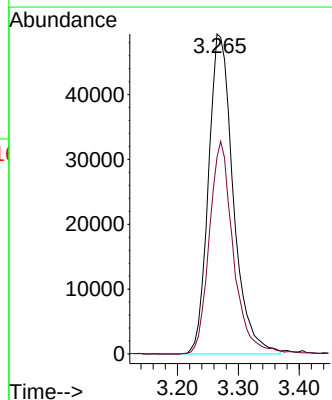
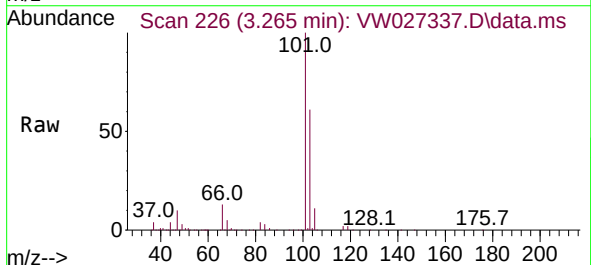
Instrument :
MSVOA_W
ClientSampleId :

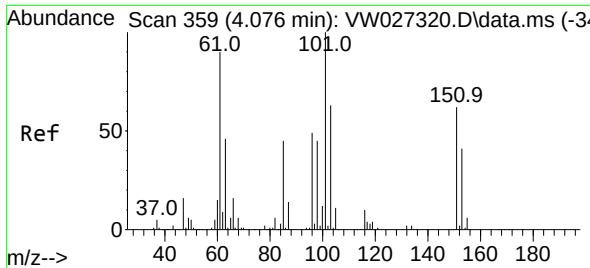
Tgt Ion: 64 Resp: 99855
Ion Ratio Lower Upper
64 100
66 32.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 30.203 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 101 Resp: 139409
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

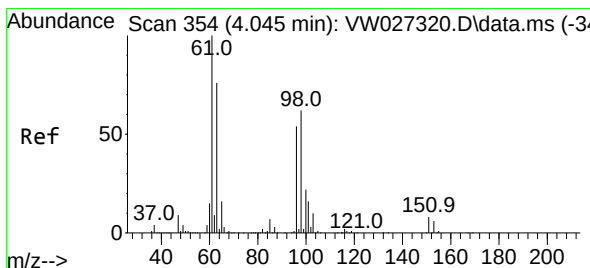
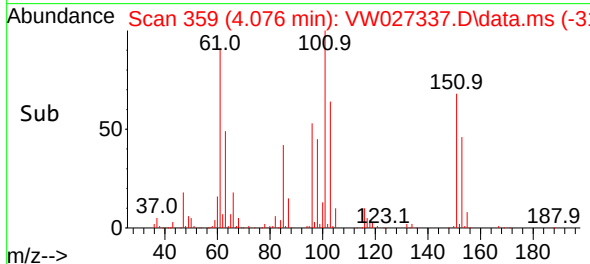
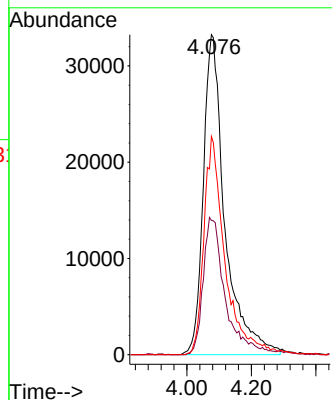
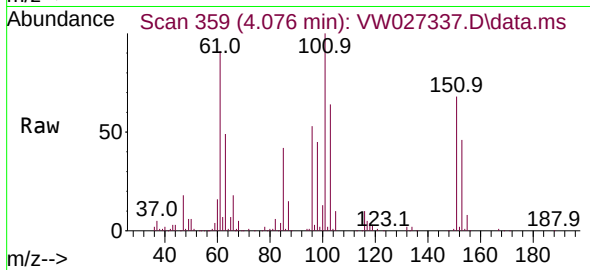




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.754 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW027337.D
 Acq: 19 Oct 2023 09:39

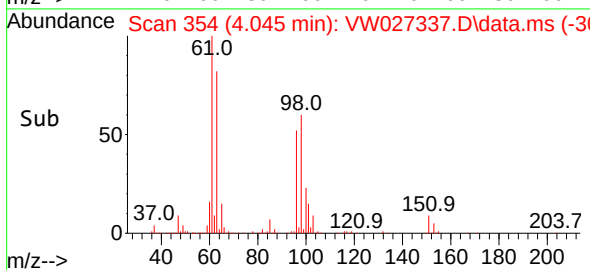
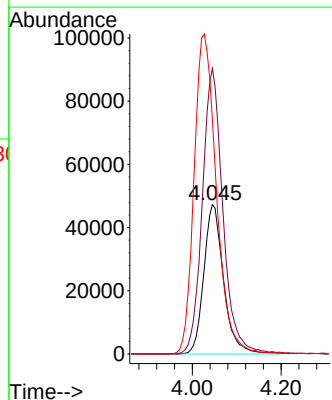
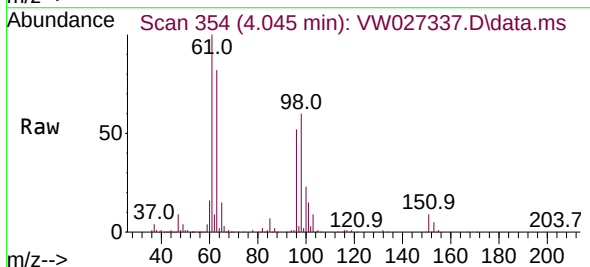
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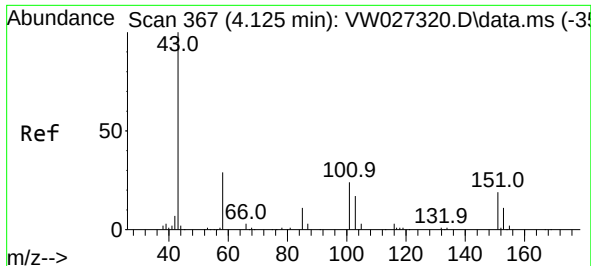
Tgt Ion:101 Resp: 154632
 Ion Ratio Lower Upper
 101 100
 85 20.9 34.1 51.1#
 151 62.8 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 26.034 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027337.D
 Acq: 19 Oct 2023 09:39

Tgt Ion: 96 Resp: 146231
 Ion Ratio Lower Upper
 96 100
 61 191.1 133.3 247.5
 63 157.4 115.8 215.2

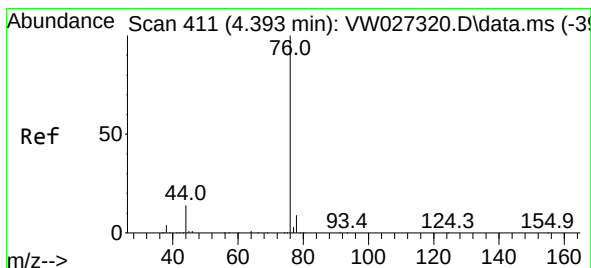
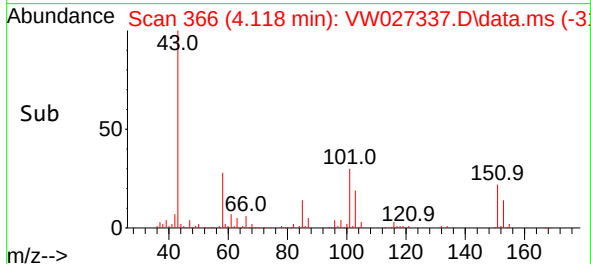
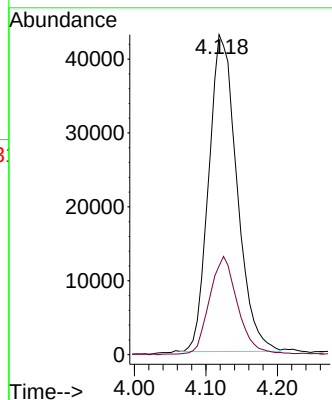
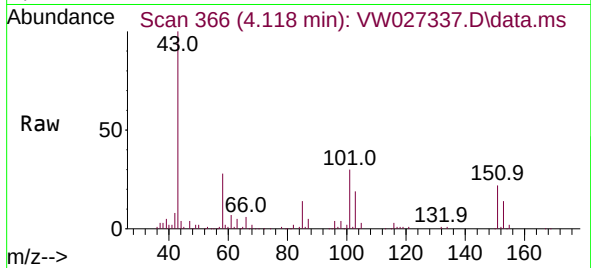




#13
Acetone
Concen: 62.535 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

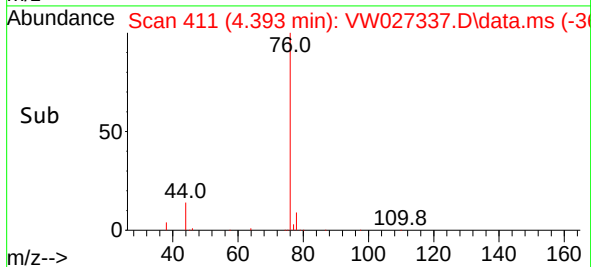
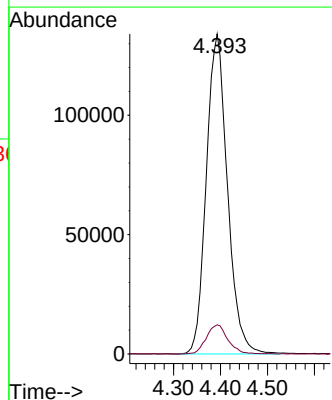
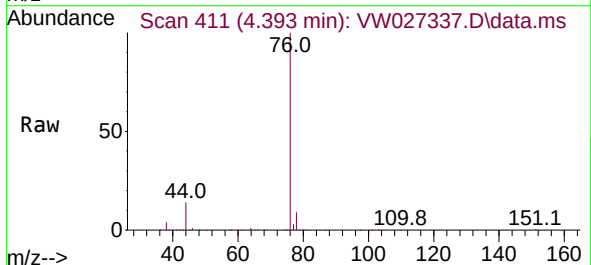
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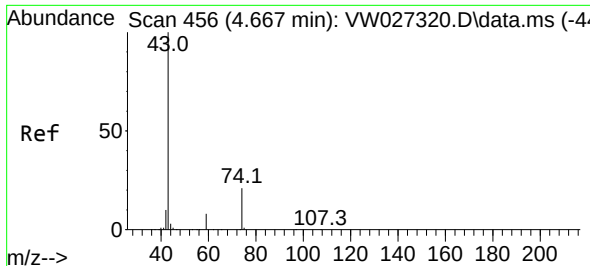
Tgt Ion: 43 Resp: 117358
Ion Ratio Lower Upper
43 100
58 31.0 0.0 60.8



#14
Carbon disulfide
Concen: 24.036 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 418526
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

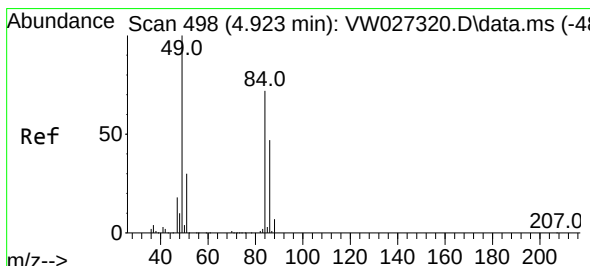
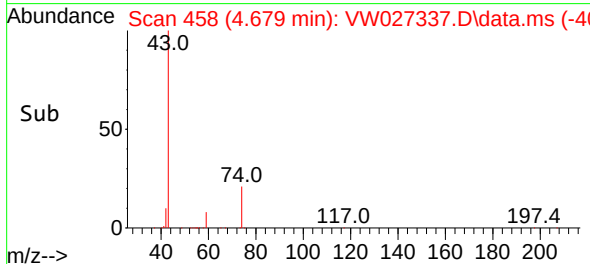
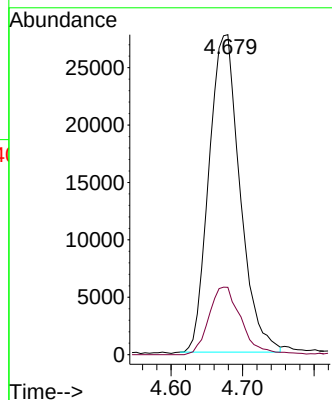
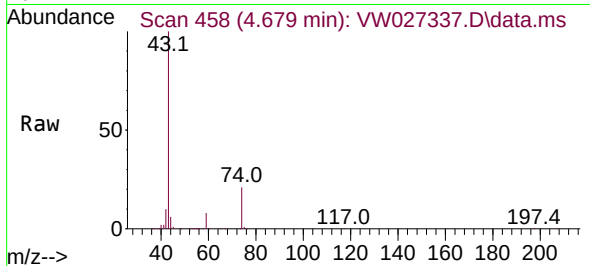




#15
Methyl Acetate
Concen: 26.017 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

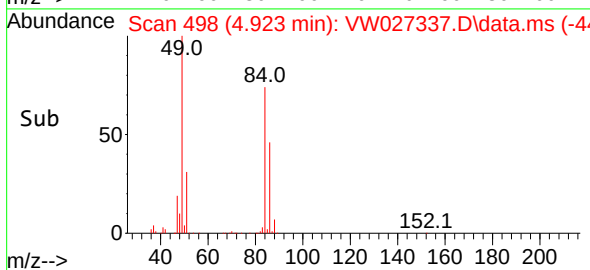
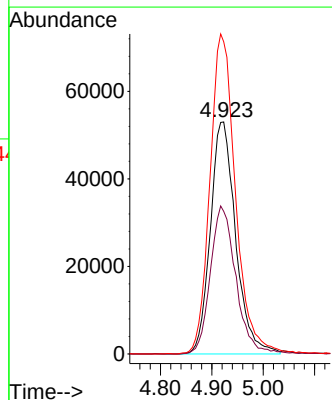
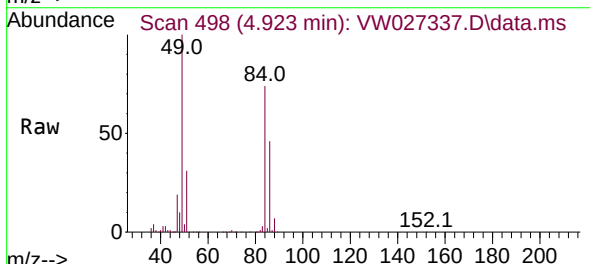
Instrument :
MSVOA_W
ClientSampleId :

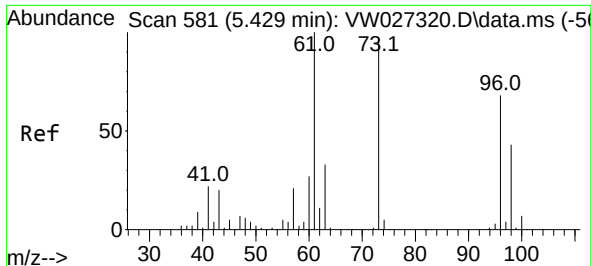
Tgt Ion: 43 Resp: 83394
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#16
Methylene chloride
Concen: 23.163 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 84 Resp: 181617
Ion Ratio Lower Upper
84 100
86 61.4 41.3 76.7
49 134.6 92.8 172.4

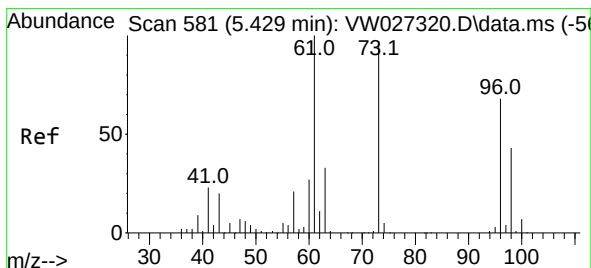
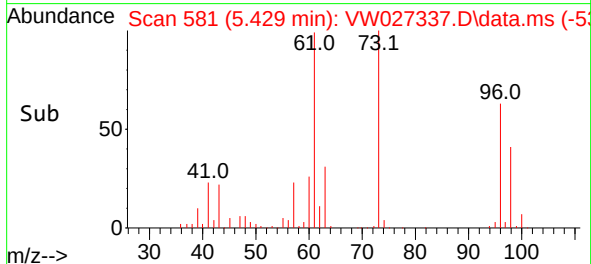
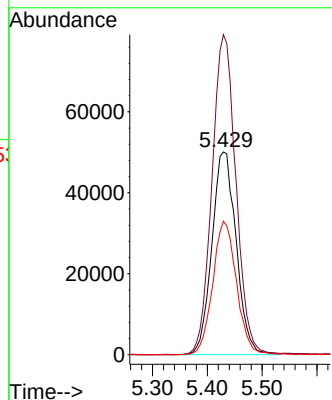
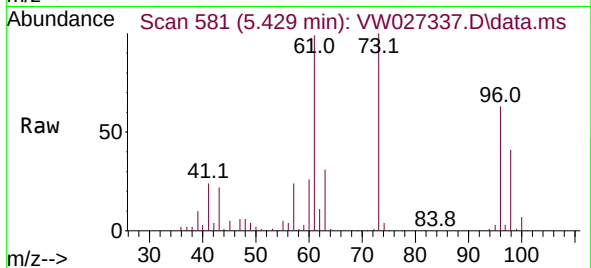




#17
trans-1,2-Dichloroethene
Concen: 25.537 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

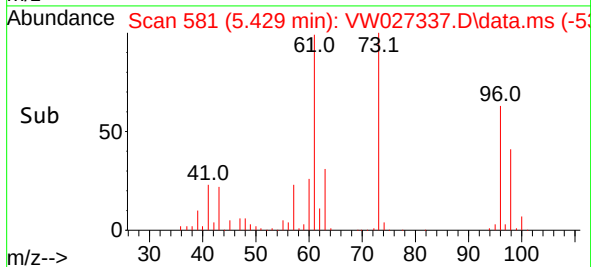
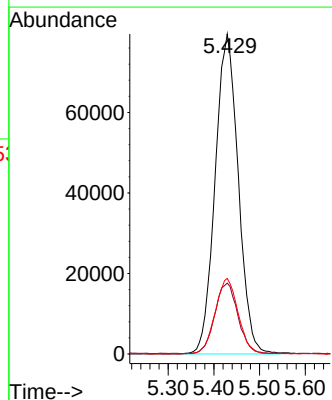
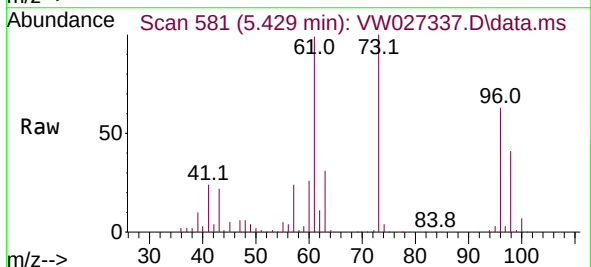
Instrument :
MSVOA_W
ClientSampleId :

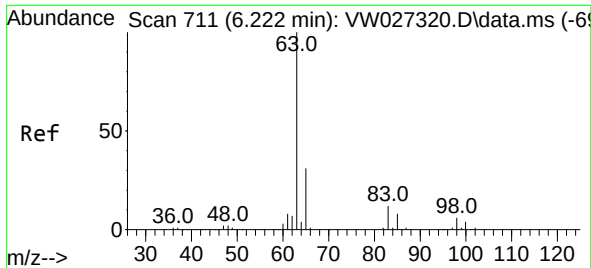
Tgt Ion: 96 Resp: 154155
Ion Ratio Lower Upper
96 100
61 157.8 105.6 196.0
98 65.8 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.833 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 73 Resp: 279463
Ion Ratio Lower Upper
73 100
43 21.9 17.7 26.5
57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.793 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

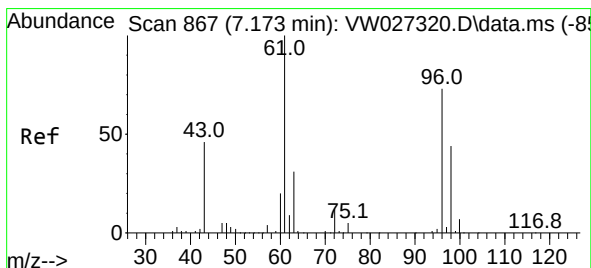
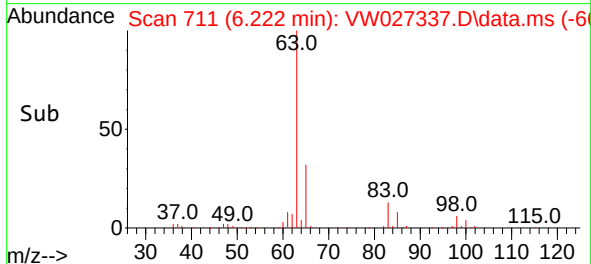
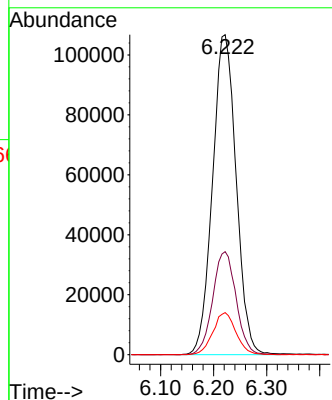
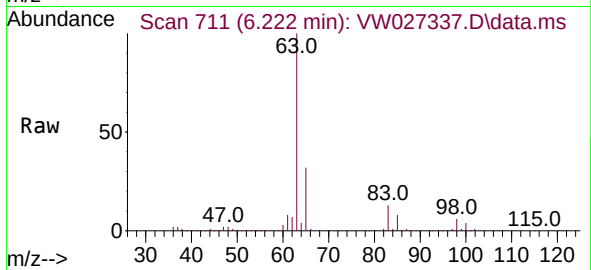
Tgt Ion: 63 Resp: 329987

Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 13.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.088 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

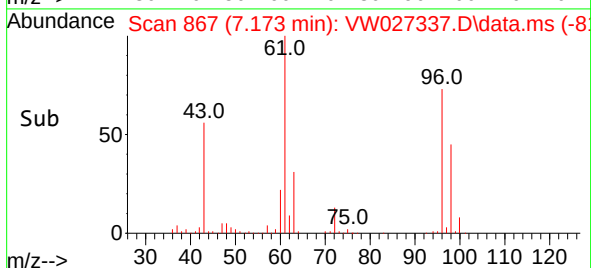
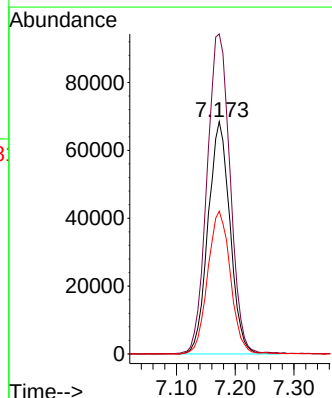
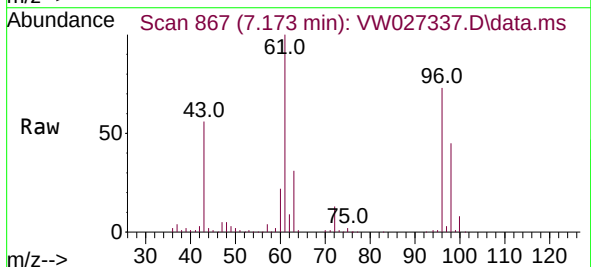
Tgt Ion: 96 Resp: 177846

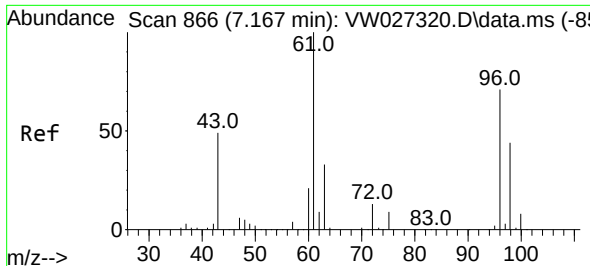
Ion Ratio Lower Upper

96 100

61 137.7 96.2 178.8

98 61.5 46.0 85.4

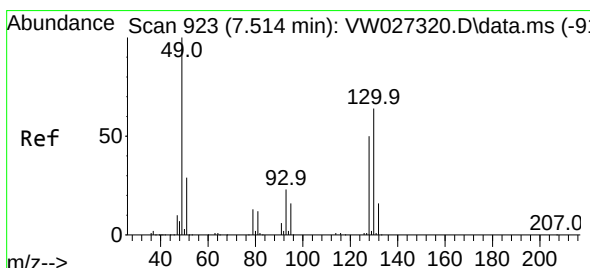
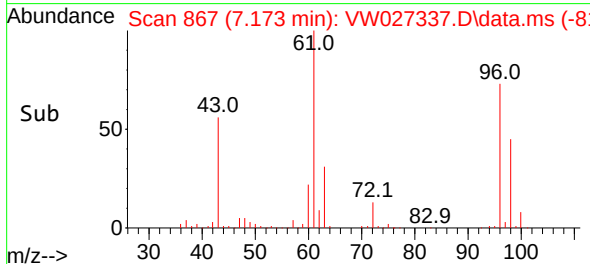
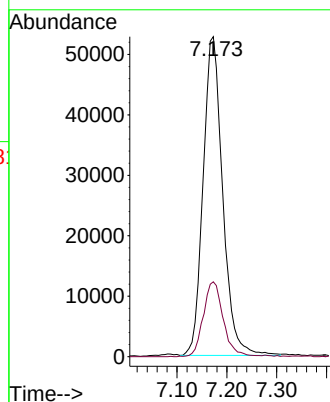
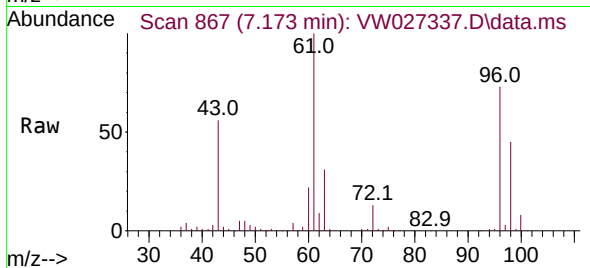




#22
2-Butanone
Concen: 51.233 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

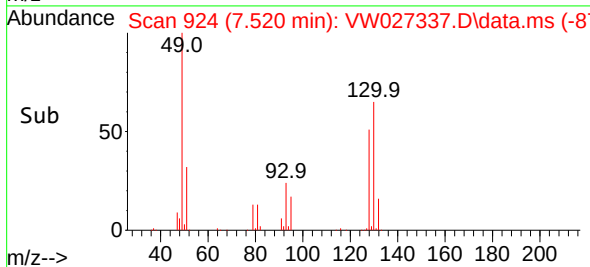
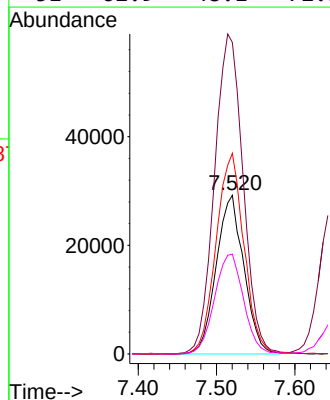
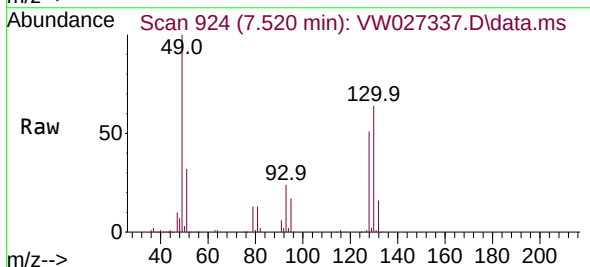
Instrument :
MSVOA_W
ClientSampleId :

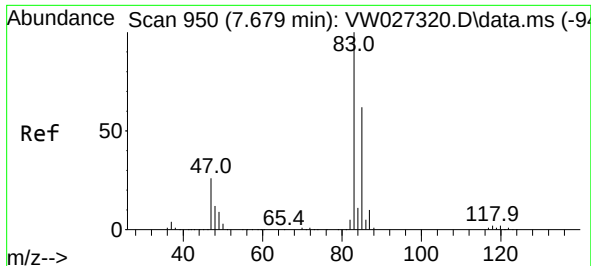
Tgt Ion: 43 Resp: 143913
Ion Ratio Lower Upper
43 100
72 23.9 12.3 36.8



#23
Bromochloromethane
Concen: 25.434 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 128 Resp: 71583
Ion Ratio Lower Upper
128 100
49 196.2 128.9 239.5
130 126.4 85.0 157.8
51 62.9 48.1 72.1

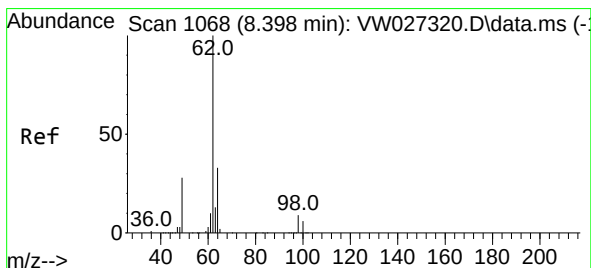
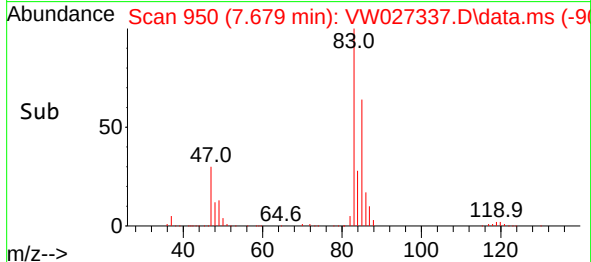
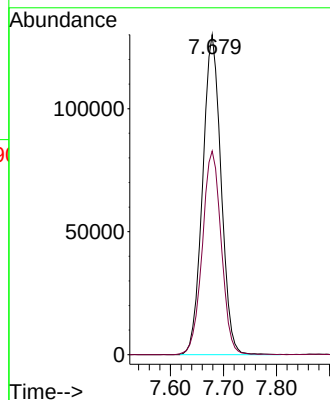
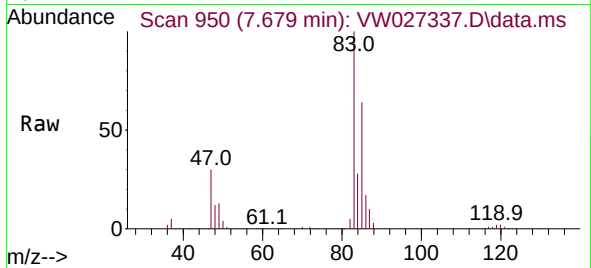




#25
Chloroform
Concen: 27.220 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

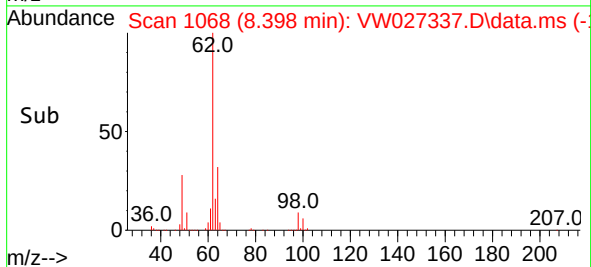
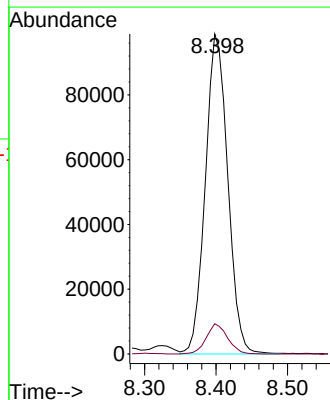
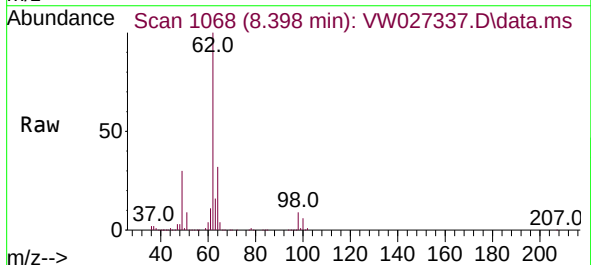
Instrument :
MSVOA_W
ClientSampleId :

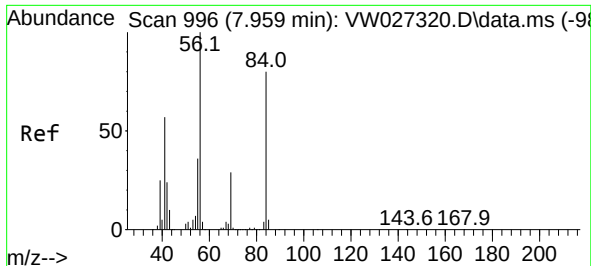
Tgt Ion: 83 Resp: 313767
Ion Ratio Lower Upper
83 100
85 63.6 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.508 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 62 Resp: 215394
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3





#29

Cyclohexane

Concen: 25.142 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

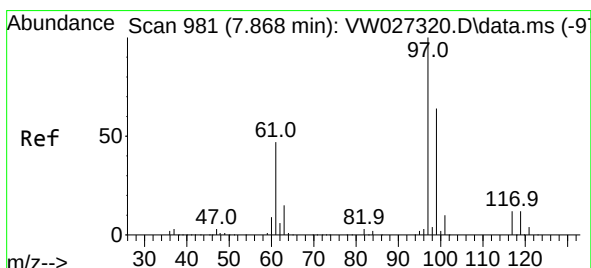
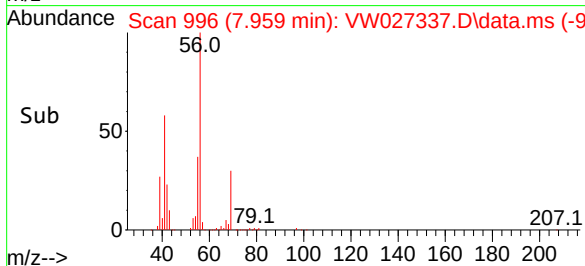
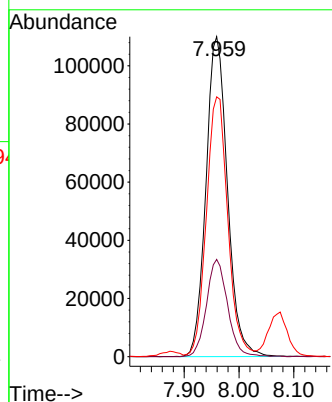
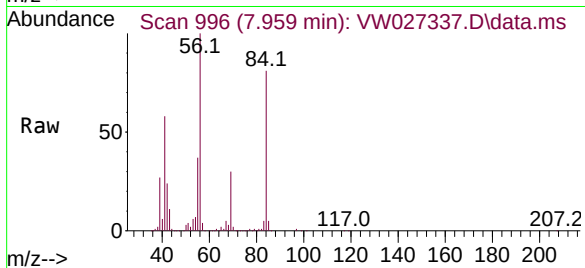
Tgt Ion: 56 Resp: 299387

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

84 81.0 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 26.368 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

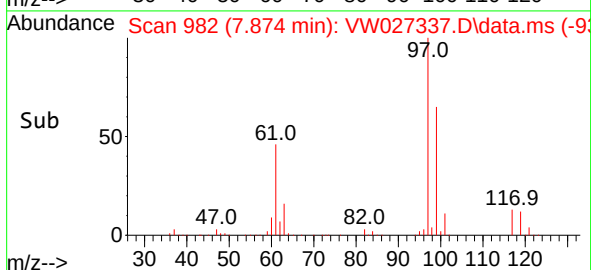
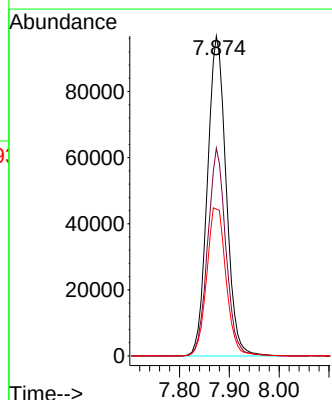
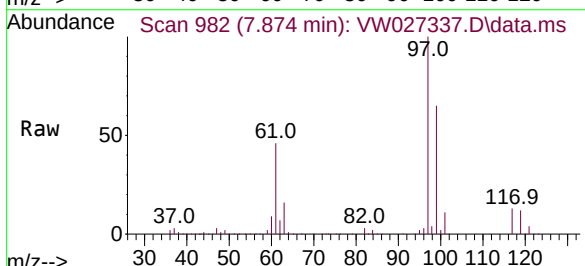
Tgt Ion: 97 Resp: 252255

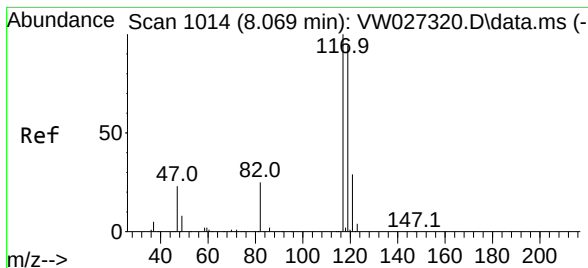
Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.0

61 48.0 37.4 56.0

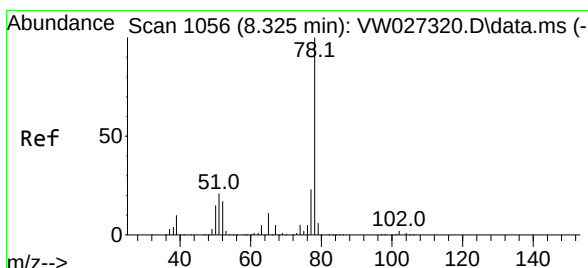
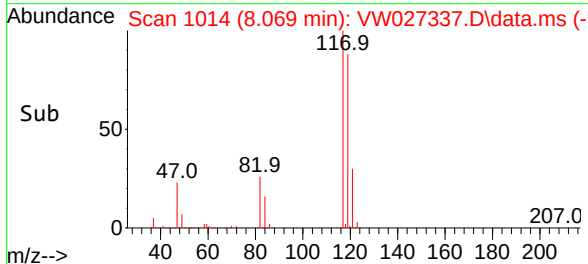
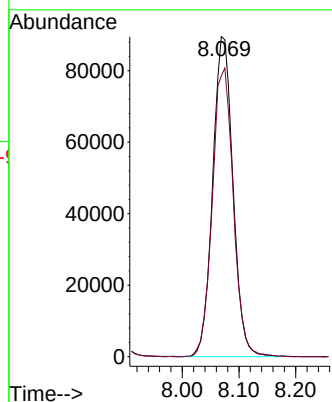
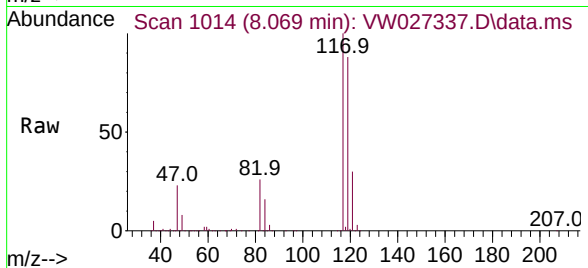




#31
Carbon tetrachloride
Concen: 25.822 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

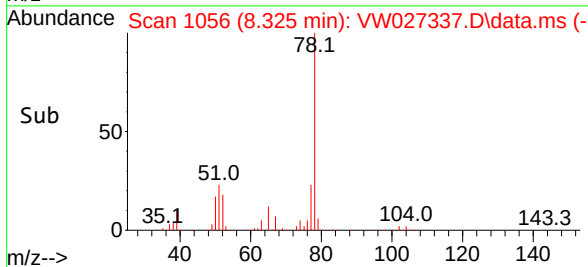
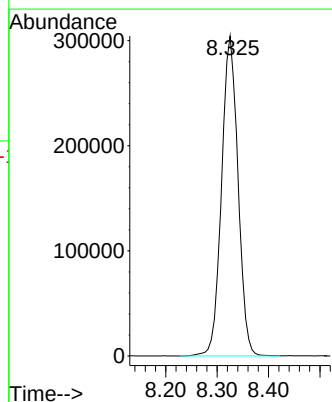
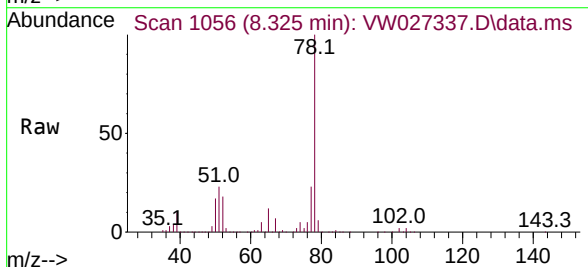
Instrument :
MSVOA_W
ClientSampleId :

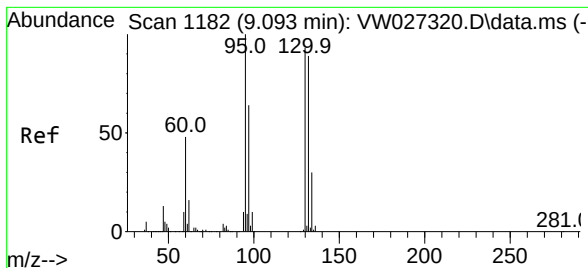
Tgt Ion:117 Resp: 222750
Ion Ratio Lower Upper
117 100
119 93.2 77.1 115.7



#33
Benzene
Concen: 26.386 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 78 Resp: 676314





#34

Trichloroethene

Concen: 26.170 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

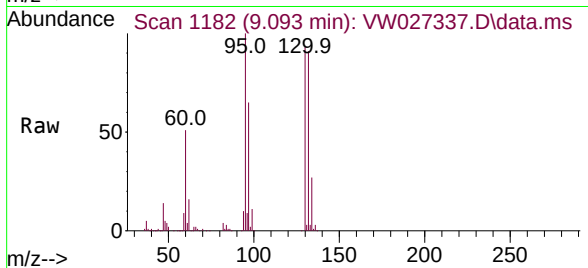
Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 177186

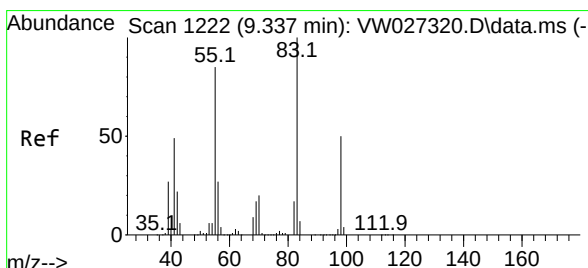
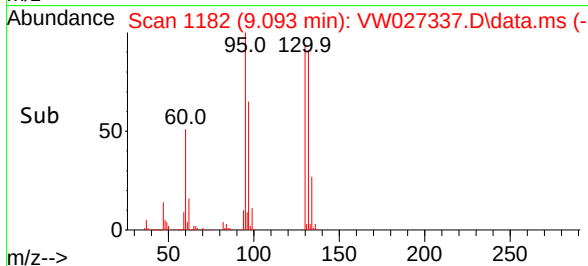
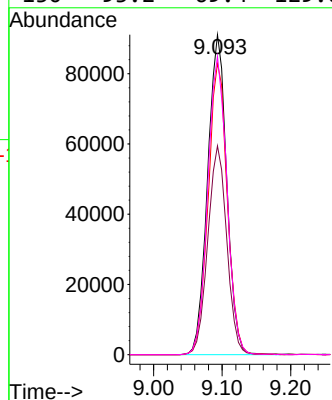
Ion Ratio Lower Upper

95 100

97 65.3 43.4 80.6

132 91.1 67.6 125.6

130 93.2 69.4 129.0



#35

Methylcyclohexane

Concen: 25.045 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

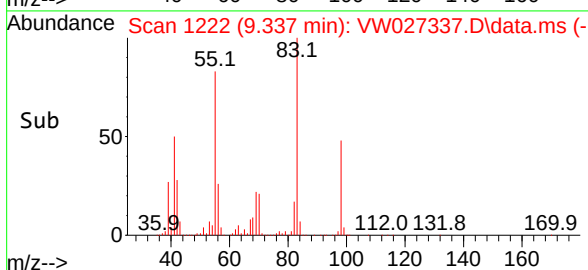
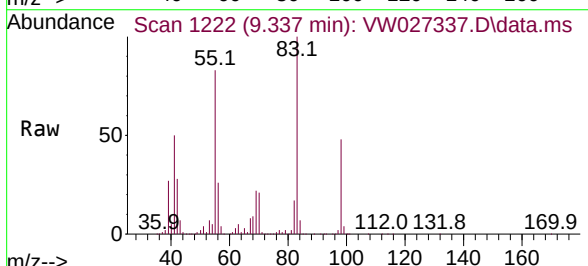
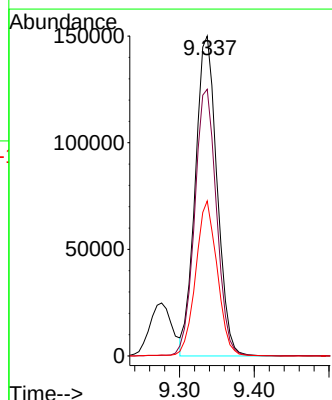
Tgt Ion: 83 Resp: 303229

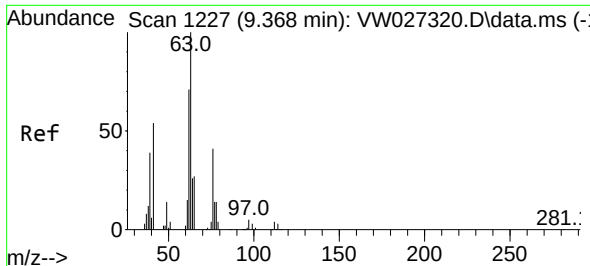
Ion Ratio Lower Upper

83 100

55 83.9 65.8 98.8

98 48.0 38.1 57.1





#37

1,2-Dichloropropane

Concen: 27.389 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

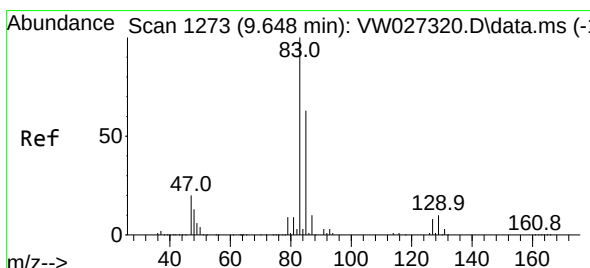
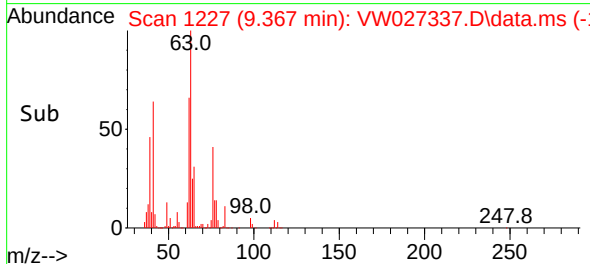
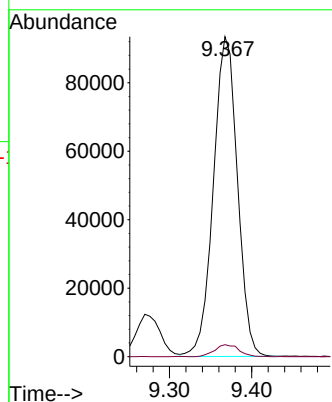
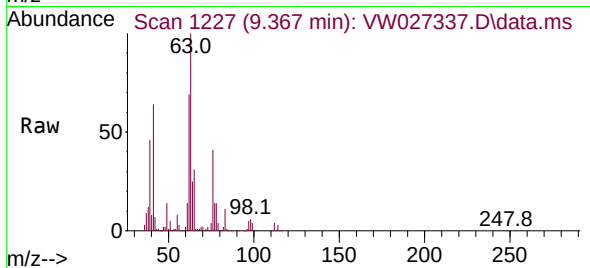
ClientSampleId :

Tgt Ion: 63 Resp: 189818

Ion Ratio Lower Upper

63 100

112 3.8 3.5 5.3



#38

Bromodichloromethane

Concen: 26.063 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

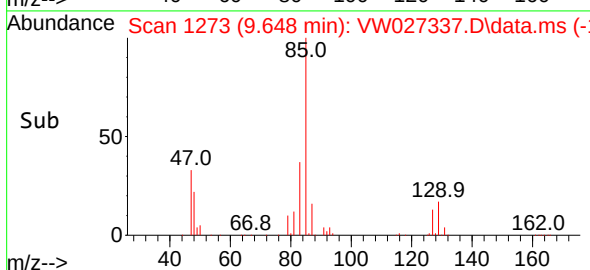
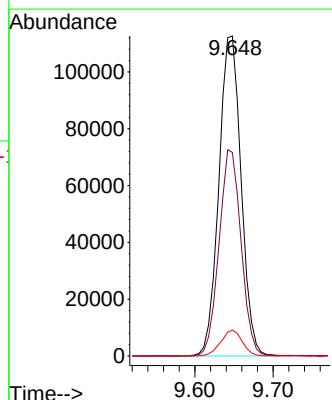
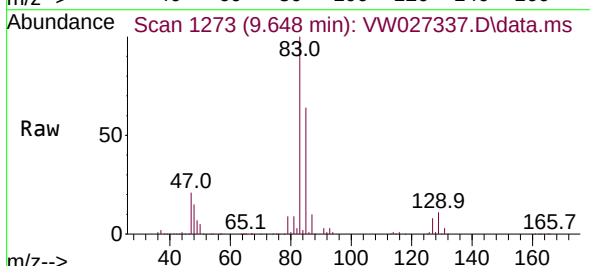
Tgt Ion: 83 Resp: 222101

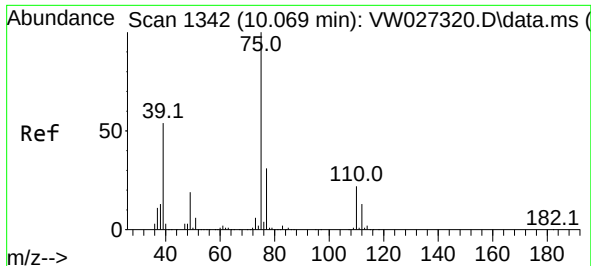
Ion Ratio Lower Upper

83 100

85 63.6 43.9 81.5

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 26.020 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

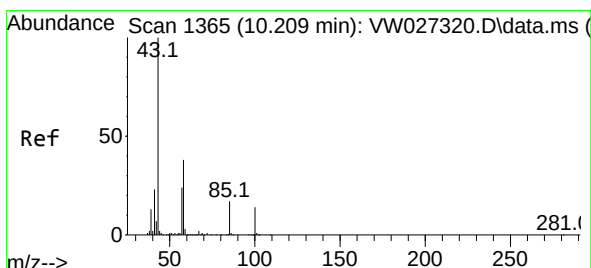
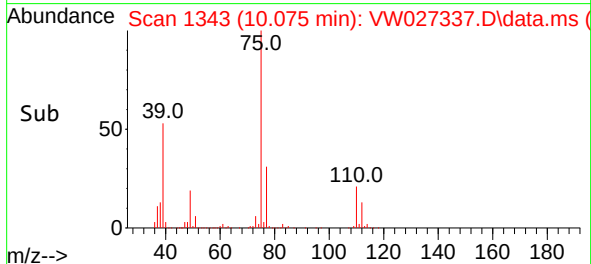
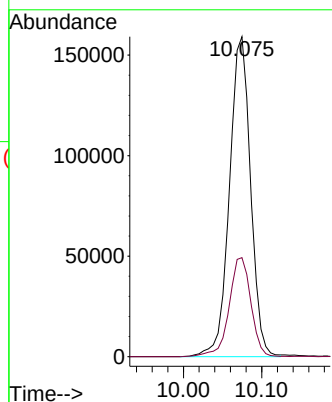
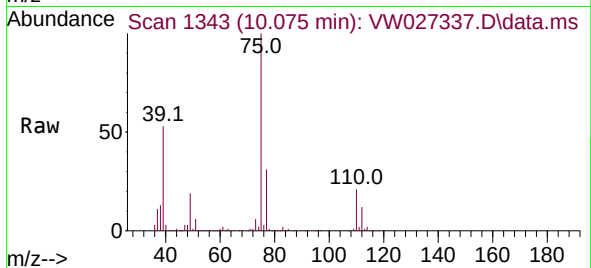
ClientSampleId :

Tgt Ion: 75 Resp: 297880

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 54.460 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

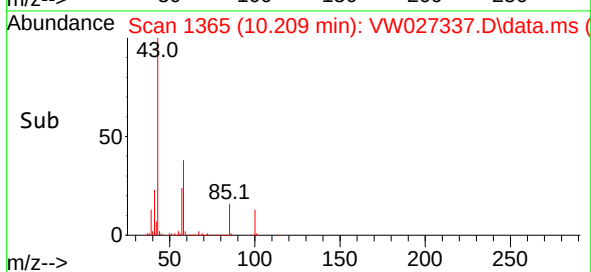
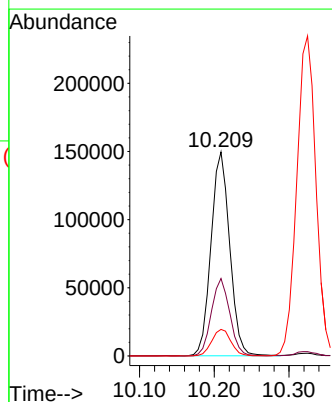
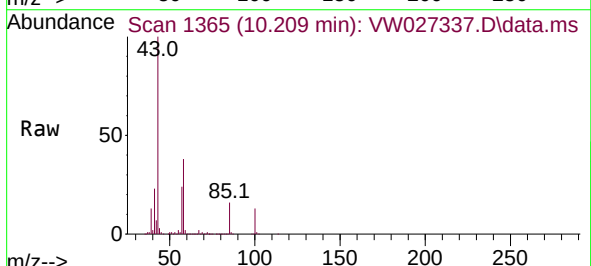
Tgt Ion: 43 Resp: 259561

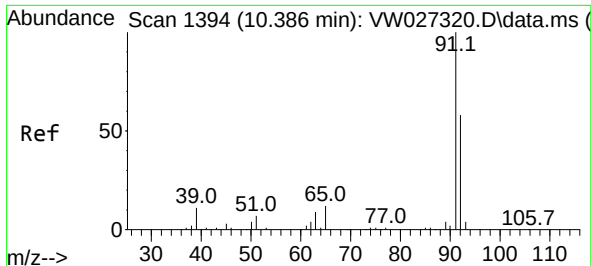
Ion Ratio Lower Upper

43 100

58 37.5 30.5 45.7

100 13.5 11.5 17.3





#42

Toluene

Concen: 26.326 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

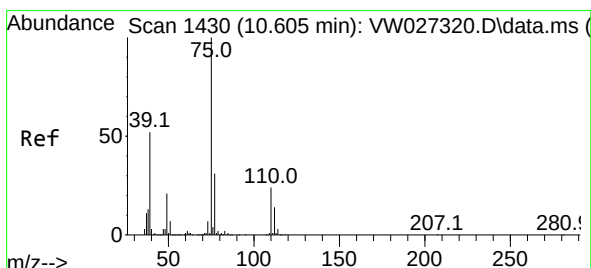
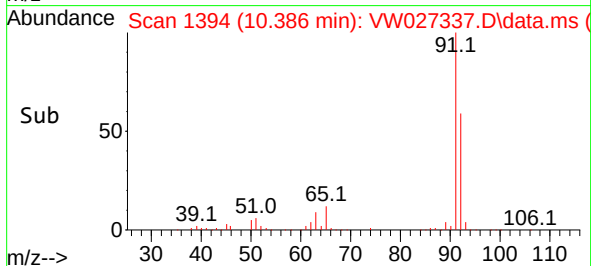
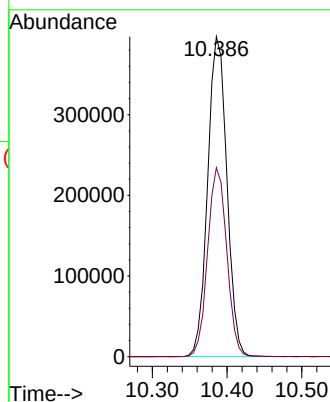
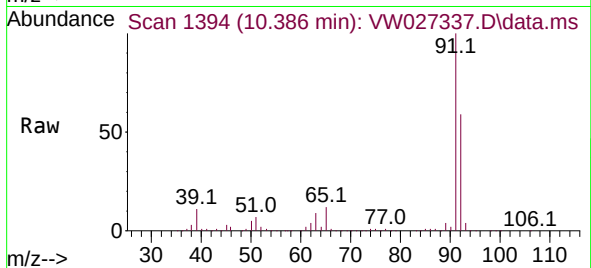
ClientSampleId :

Tgt Ion: 91 Resp: 707858

Ion Ratio Lower Upper

91 100

92 59.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 25.476 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027337.D

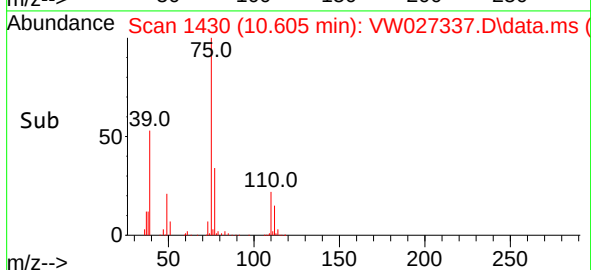
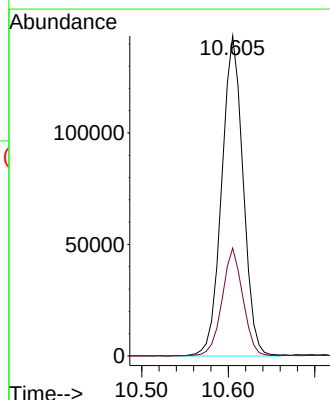
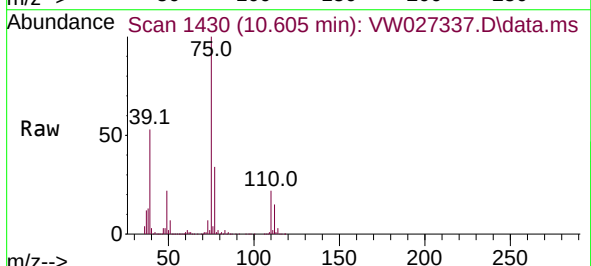
Acq: 19 Oct 2023 09:39

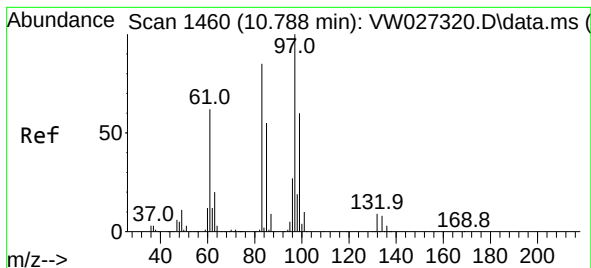
Tgt Ion: 75 Resp: 246089

Ion Ratio Lower Upper

75 100

77 33.7 22.0 41.0

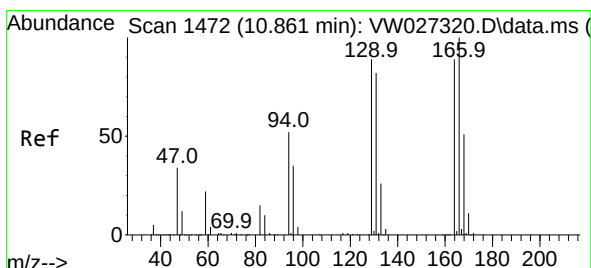
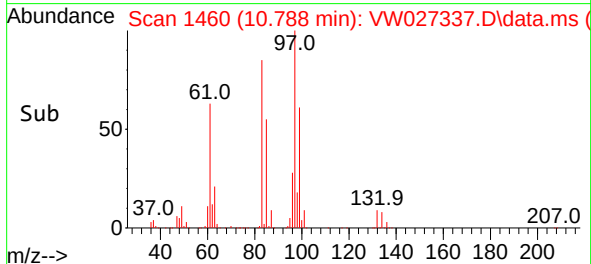
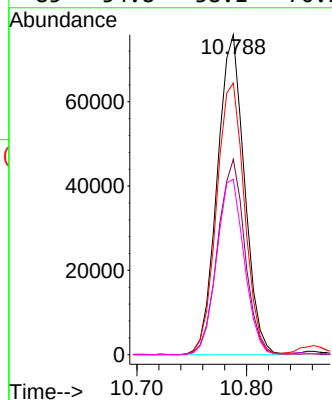
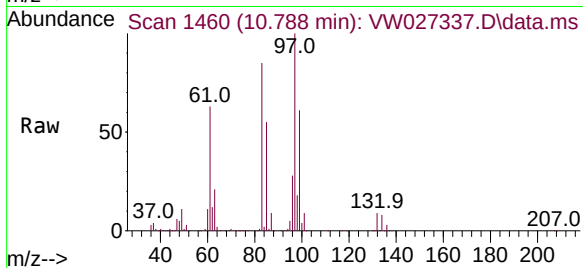




#45
1,1,2-Trichloroethane
Concen: 27.499 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

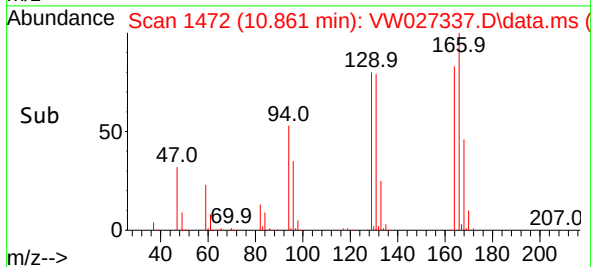
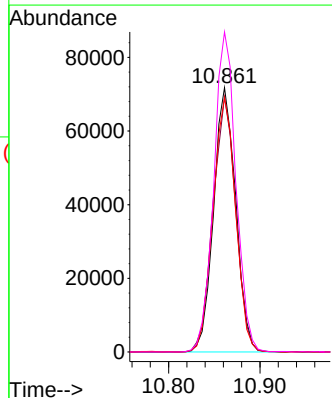
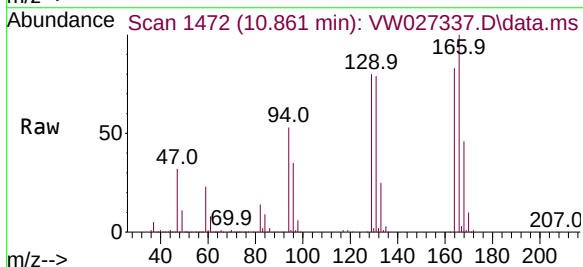
Instrument :
MSVOA_W
ClientSampleId :

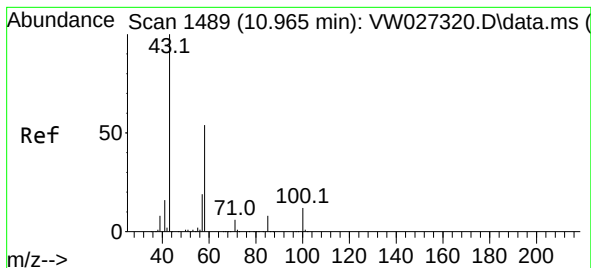
Tgt Ion: 97	Resp: 131144
Ion Ratio	Lower Upper
97 100	
99 61.0	43.8 81.4
83 84.9	57.5 106.7
85 54.8	38.1 70.9



#46
Tetrachloroethene
Concen: 25.800 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt	Ion:164	Resp:	120616
Ion	Ratio	Lower	Upper
164	100		
129	96.5	74.7	138.7
131	96.2	73.2	136.0
166	121.1	87.3	162.1





#48

2-Hexanone

Concen: 57.551 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 203017

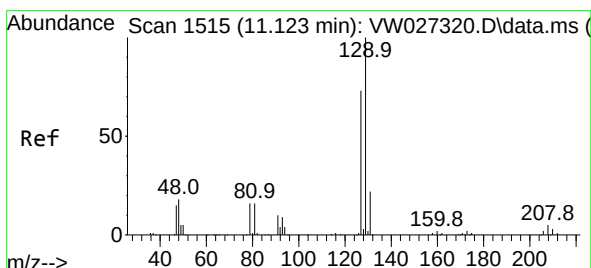
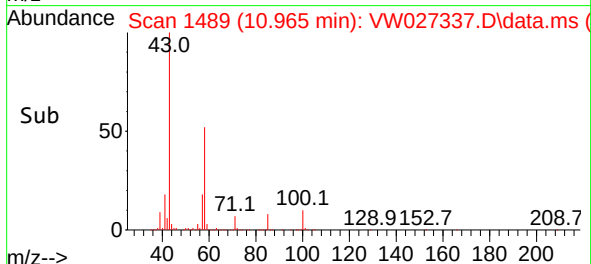
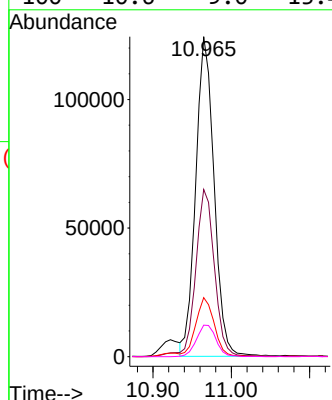
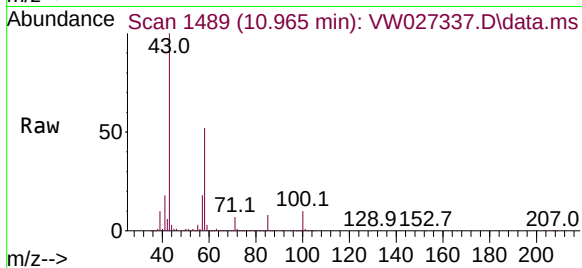
Ion Ratio Lower Upper

43 100

58 52.0 42.2 63.4

57 18.2 15.1 22.7

100 10.6 9.0 13.4



#49

Dibromochloromethane

Concen: 25.358 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW027337.D

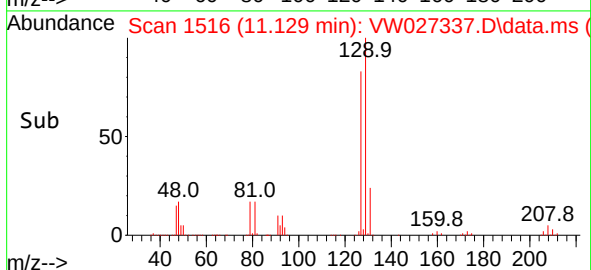
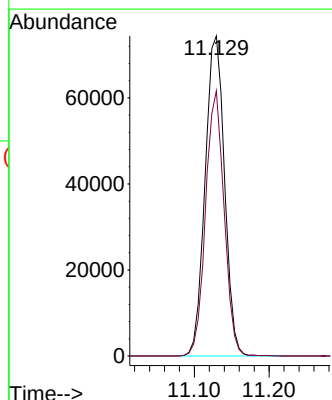
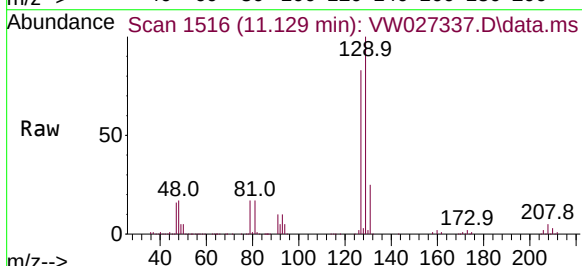
Acq: 19 Oct 2023 09:39

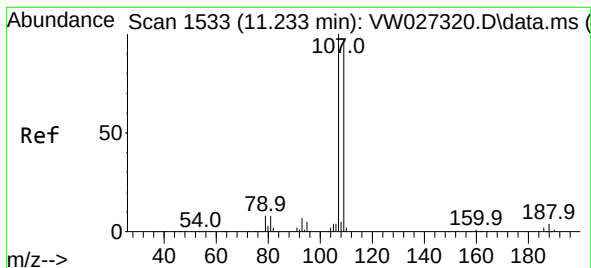
Tgt Ion:129 Resp: 134307

Ion Ratio Lower Upper

129 100

127 82.8 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.746 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

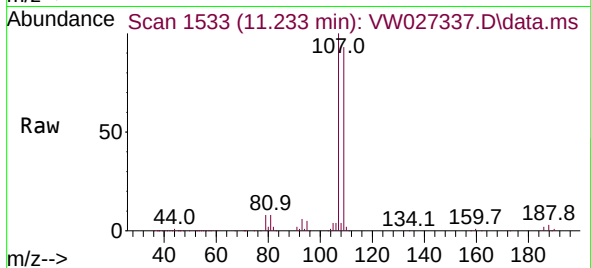
Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :



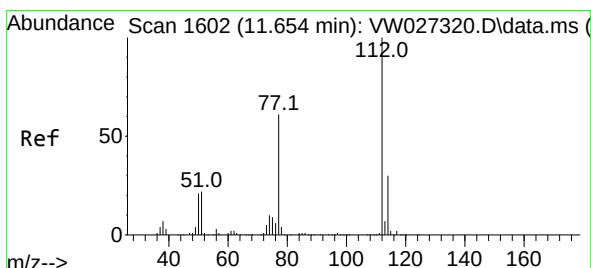
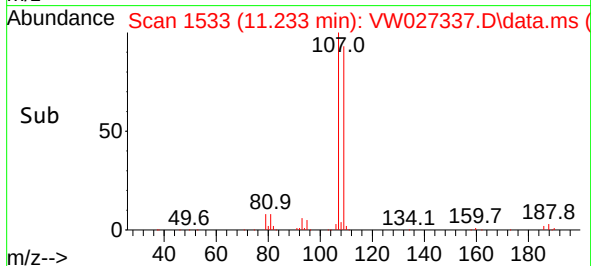
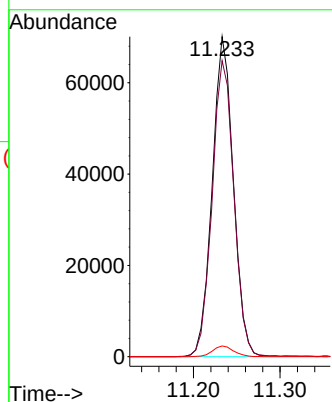
Tgt Ion:107 Resp: 119044

Ion Ratio Lower Upper

107 100

109 92.5 66.3 123.1

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 25.797 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

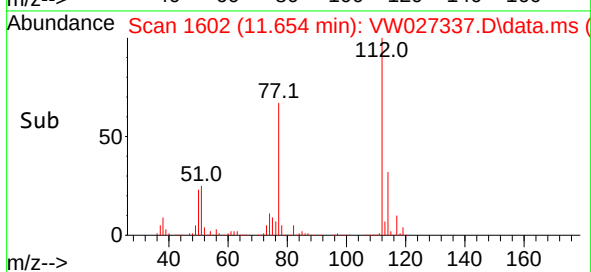
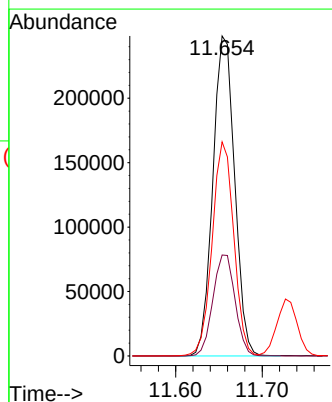
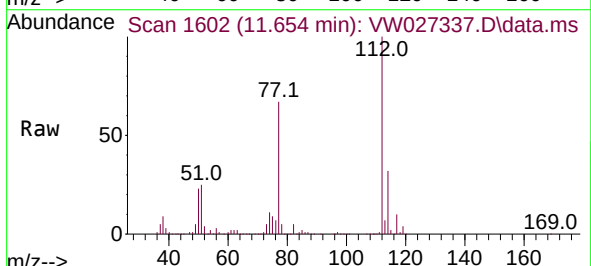
Tgt Ion:112 Resp: 434351

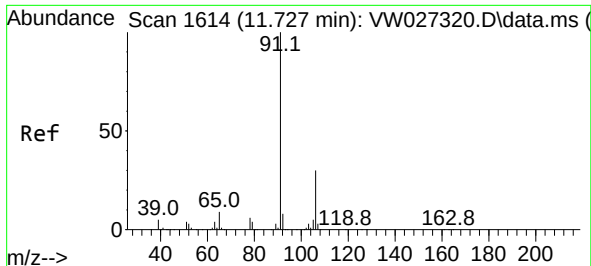
Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.6

77 66.9 52.2 78.4

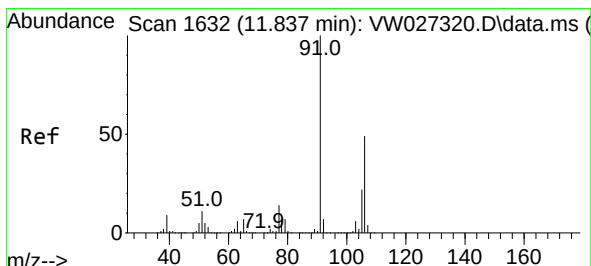
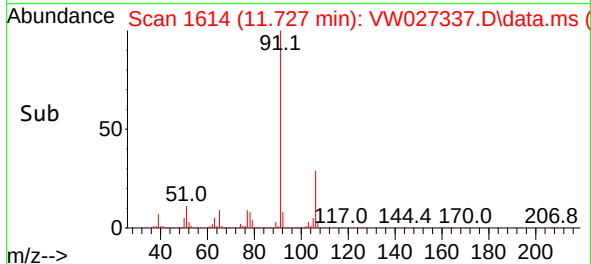
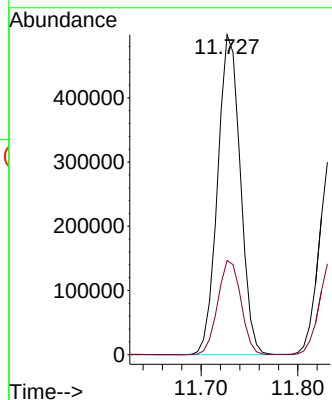
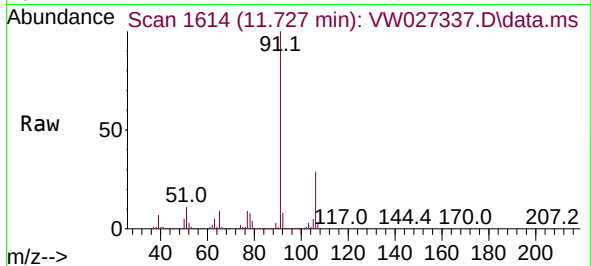




#52
Ethylbenzene
Concen: 25.993 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

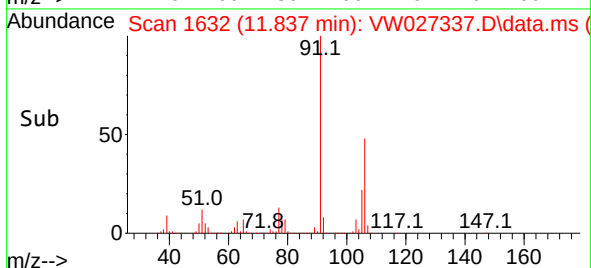
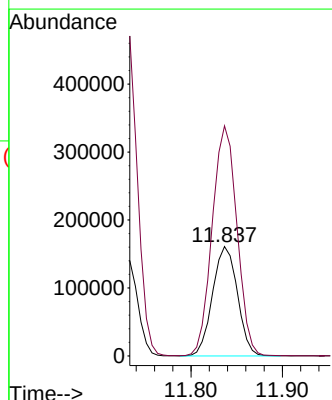
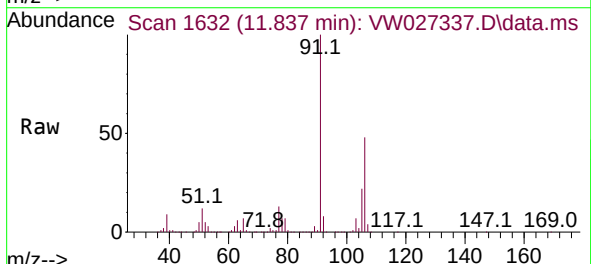
Instrument :
MSVOA_W
ClientSampleId :

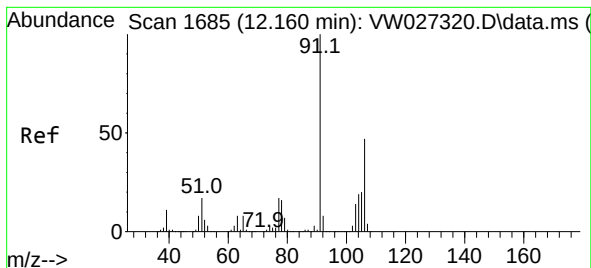
Tgt Ion: 91 Resp: 812169
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8



#53
m,p-Xylene
Concen: 25.689 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion:106 Resp: 304436
Ion Ratio Lower Upper
106 100
91 210.3 144.5 268.4





#54

o-Xylene

Concen: 26.469 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

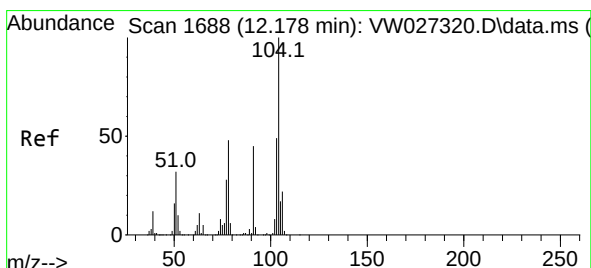
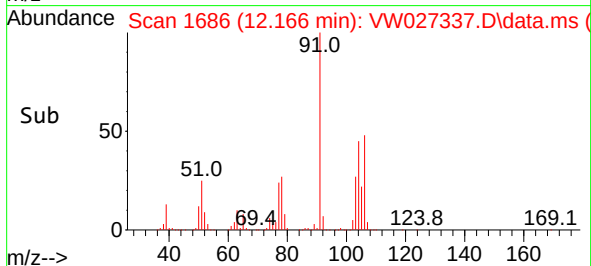
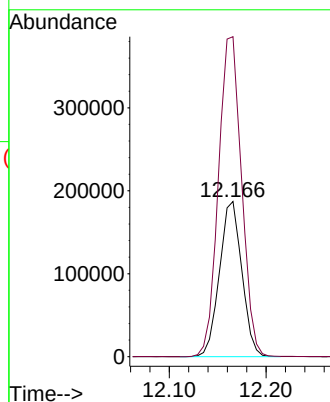
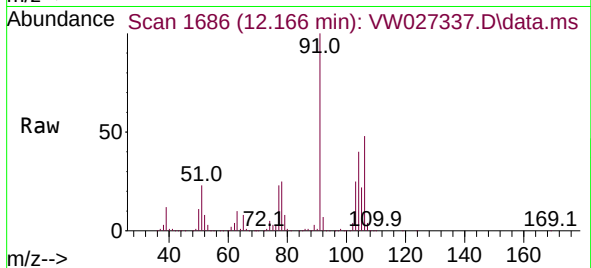
ClientSampleId :

Tgt Ion:106 Resp: 300390

Ion Ratio Lower Upper

106 100

91 206.2 152.0 282.2



#55

Styrene

Concen: 25.842 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027337.D

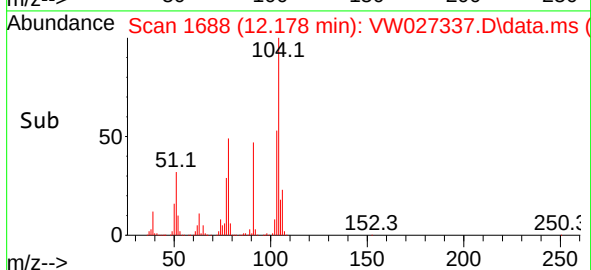
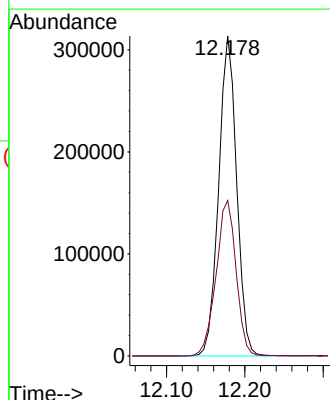
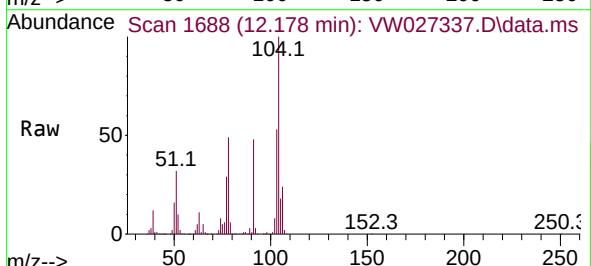
Acq: 19 Oct 2023 09:39

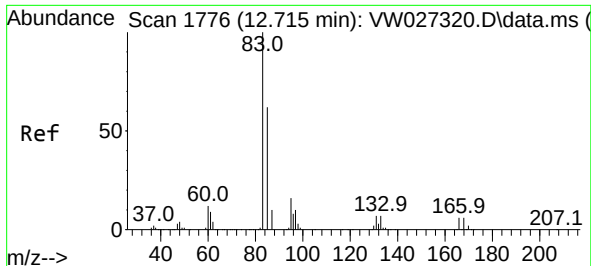
Tgt Ion:104 Resp: 500870

Ion Ratio Lower Upper

104 100

78 48.6 33.2 61.6





#57

1,1,2-Tetrachloroethane

Concen: 27.143 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

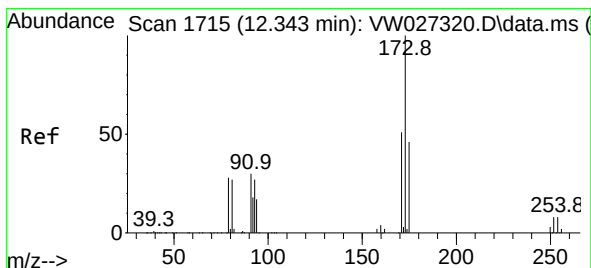
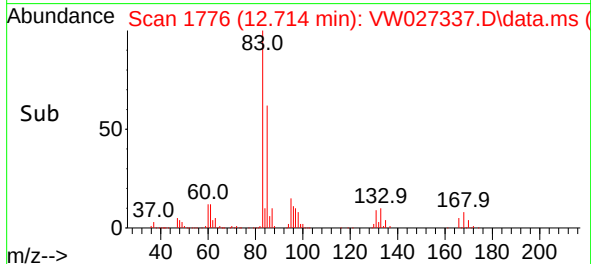
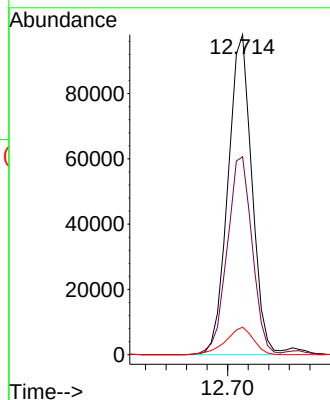
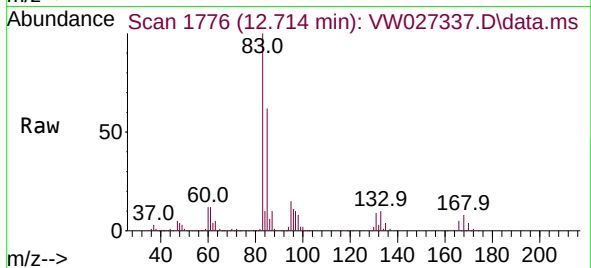
Tgt Ion: 83 Resp: 158023

Ion Ratio Lower Upper

83 100

85 61.9 43.2 80.2

131 8.6 7.2 10.8



#59

Bromoform

Concen: 24.221 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

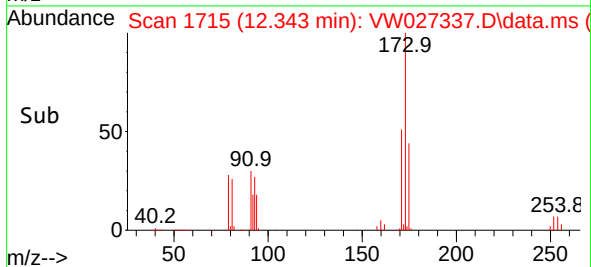
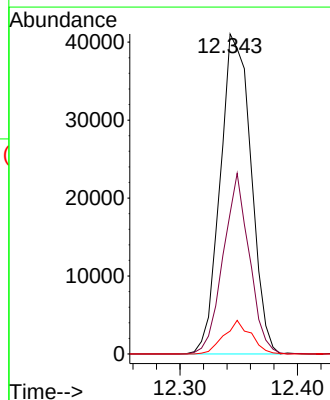
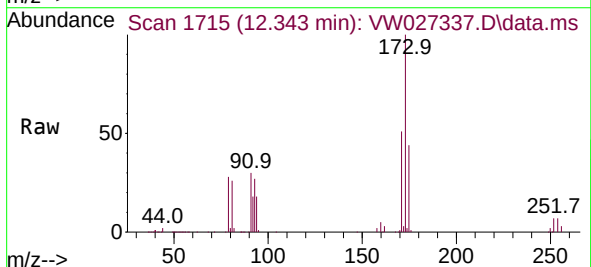
Tgt Ion:173 Resp: 74710

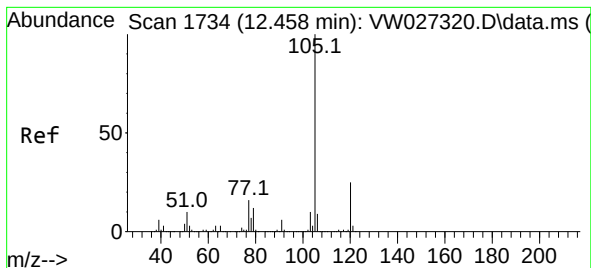
Ion Ratio Lower Upper

173 100

175 48.0 39.6 59.4

254 9.1 6.6 10.0





#60

Isopropylbenzene

Concen: 24.882 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :

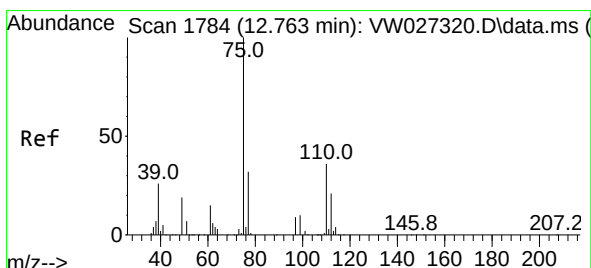
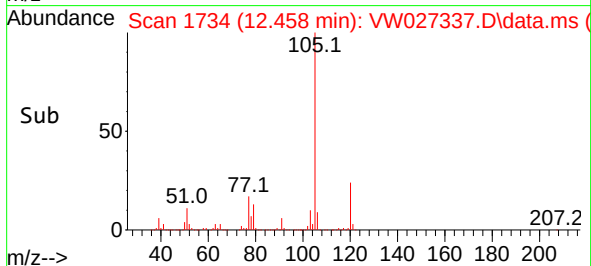
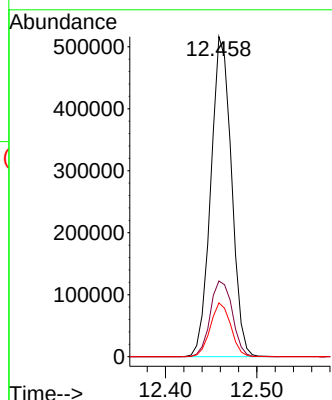
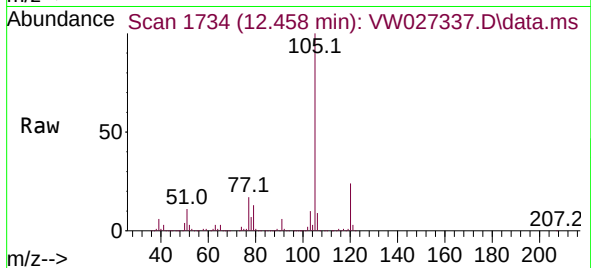
Tgt Ion:105 Resp: 810259

Ion Ratio Lower Upper

105 100

120 25.3 20.1 30.1

77 16.6 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 26.120 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

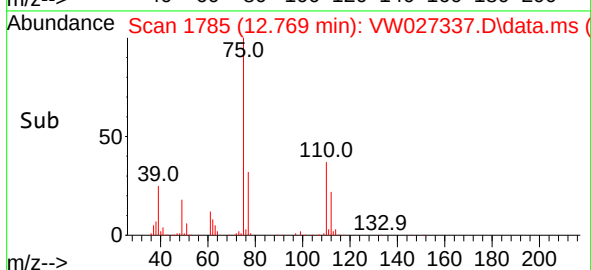
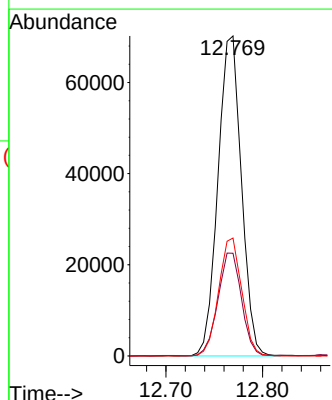
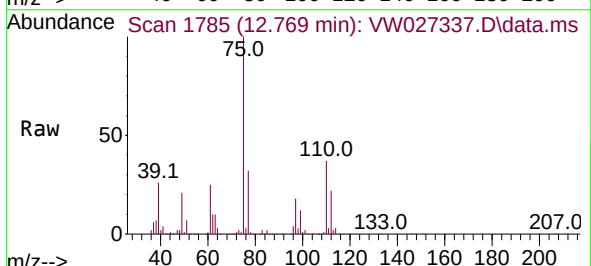
Tgt Ion: 75 Resp: 118220

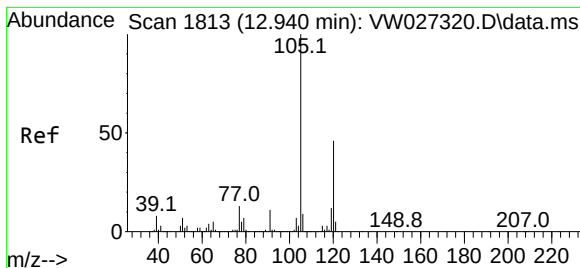
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

110 36.4 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 25.322 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

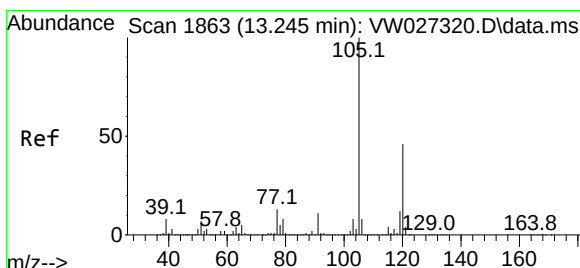
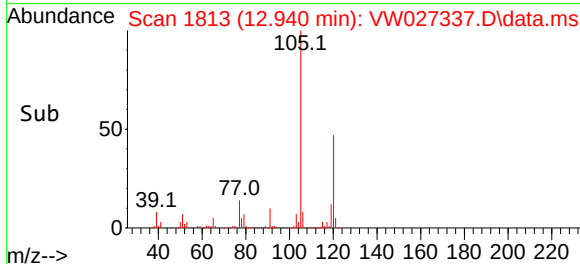
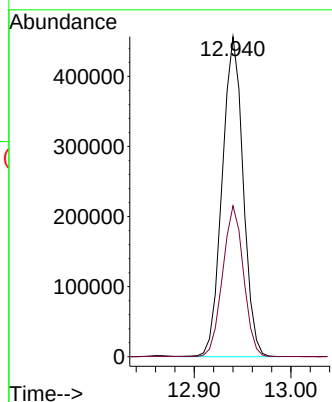
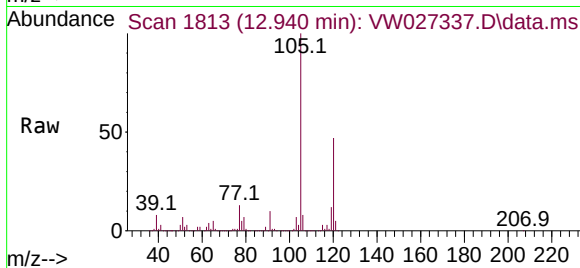
ClientSampleId :

Tgt Ion:105 Resp: 687816

Ion Ratio Lower Upper

105 100

120 46.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 25.101 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027337.D

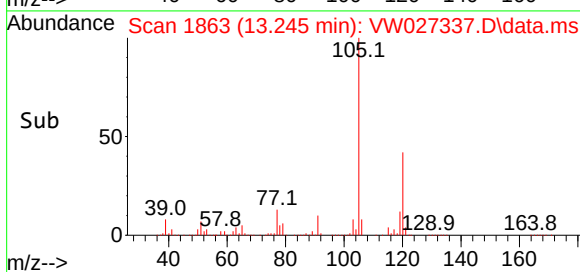
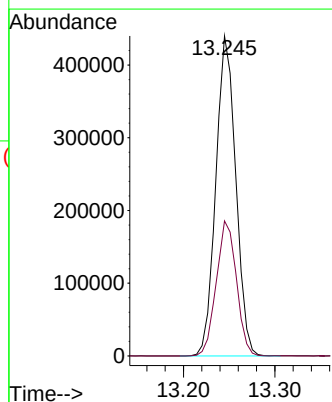
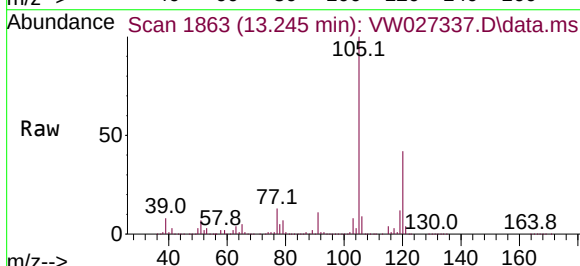
Acq: 19 Oct 2023 09:39

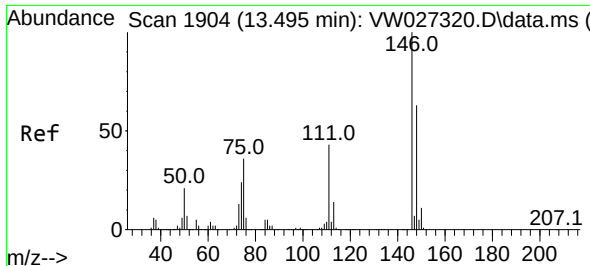
Tgt Ion:105 Resp: 667092

Ion Ratio Lower Upper

105 100

120 42.7 35.4 53.2

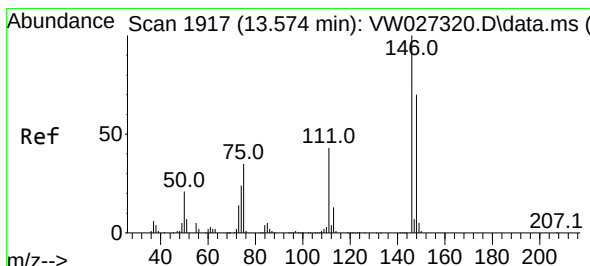
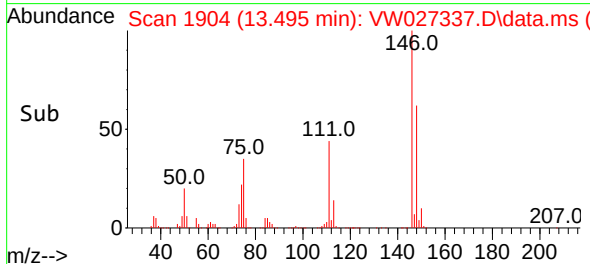
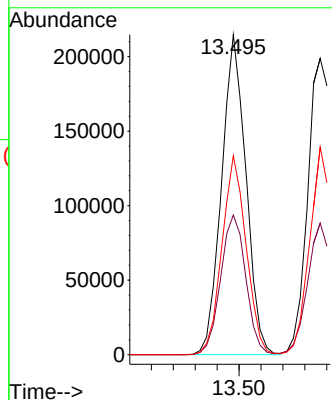
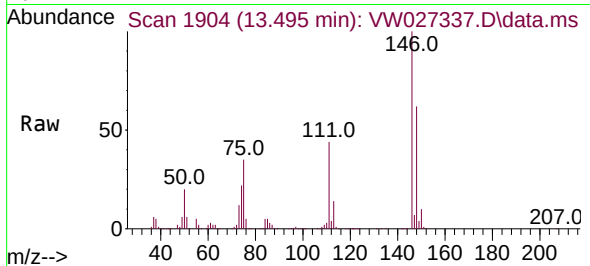




#64
1,3-Dichlorobenzene
Concen: 25.108 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

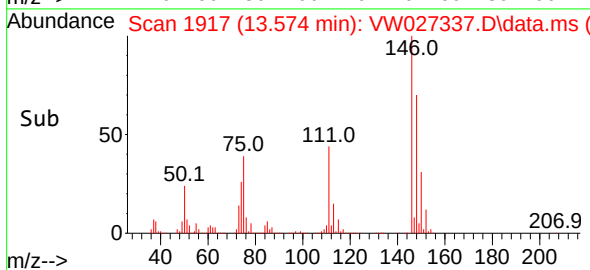
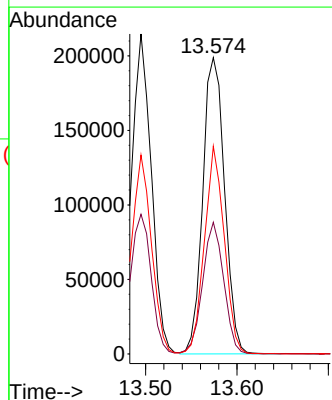
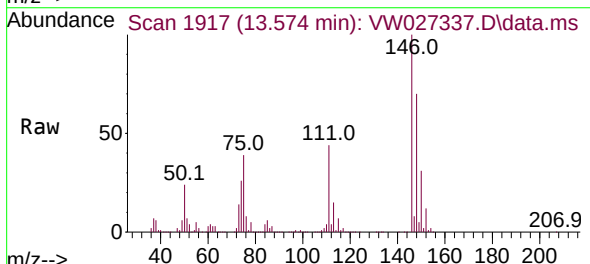
Instrument :
MSVOA_W
ClientSampleId :

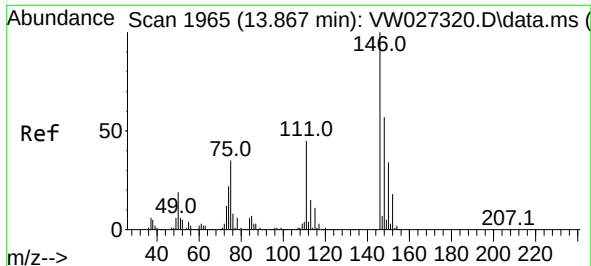
Tgt Ion:146 Resp: 331557
Ion Ratio Lower Upper
146 100
111 43.7 30.8 57.2
148 62.2 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.935 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion:146 Resp: 328833
Ion Ratio Lower Upper
146 100
111 44.4 29.5 54.9
148 70.1 43.0 79.8

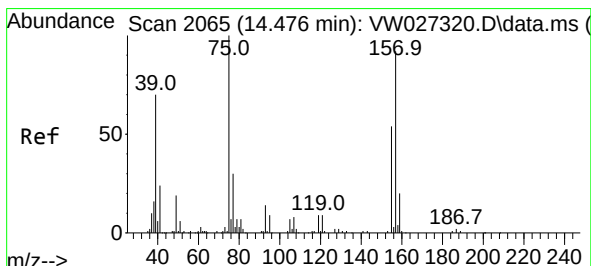
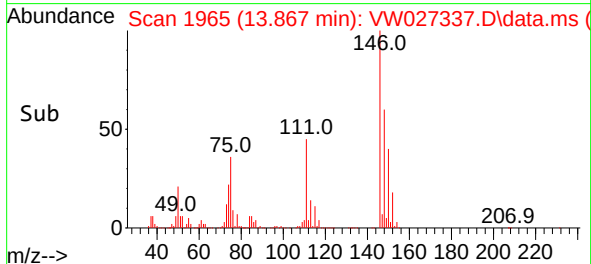
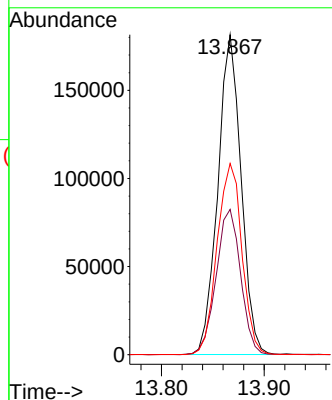
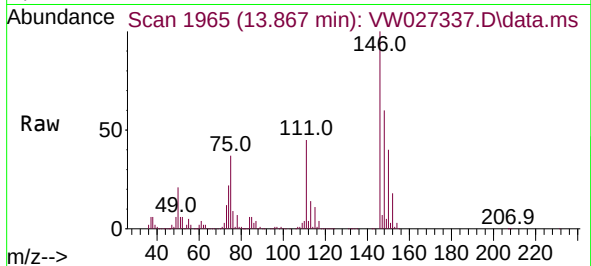




#67
1,2-Dichlorobenzene
Concen: 24.336 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

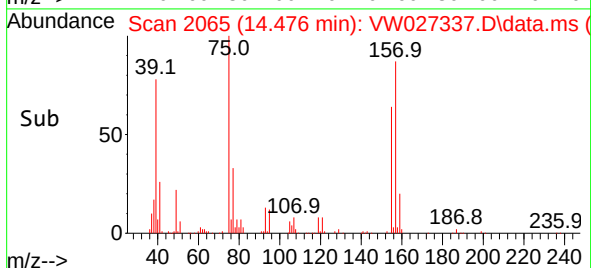
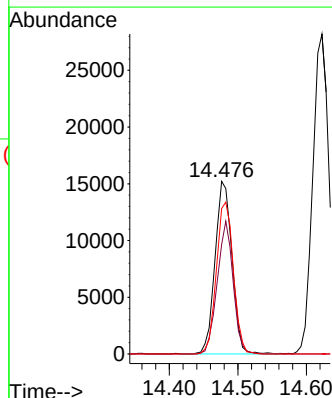
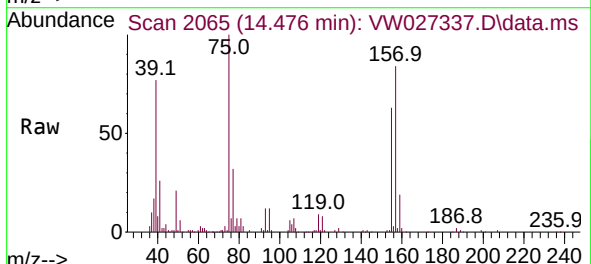
Instrument :
MSVOA_W
ClientSampleId :

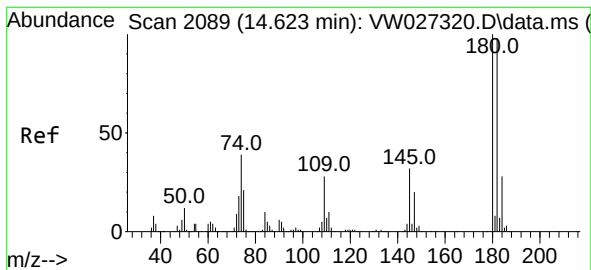
Tgt Ion:146 Resp: 285165
Ion Ratio Lower Upper
146 100
111 45.4 36.8 55.2
148 59.8 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.206 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion: 75 Resp: 26250
Ion Ratio Lower Upper
75 100
155 63.5 54.9 82.3
157 84.3 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 24.664 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

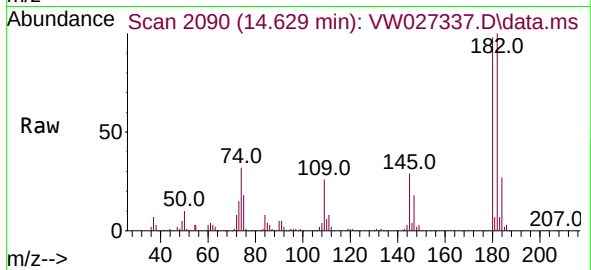
Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 211423

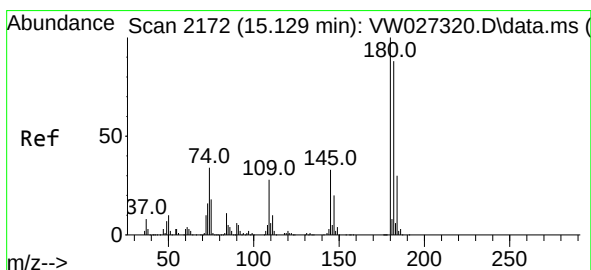
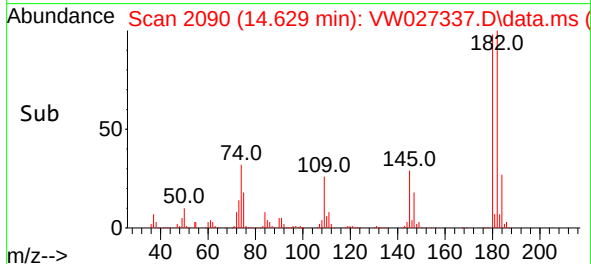
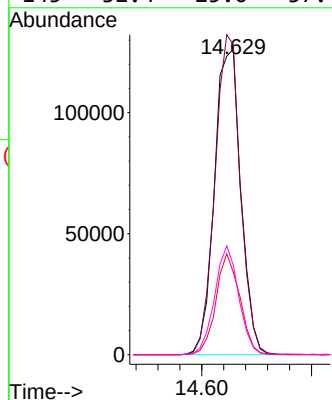
Ion Ratio Lower Upper

180 100

182 100.5 73.4 110.0

184 29.9 23.3 34.9

145 32.4 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 23.687 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027337.D

Acq: 19 Oct 2023 09:39

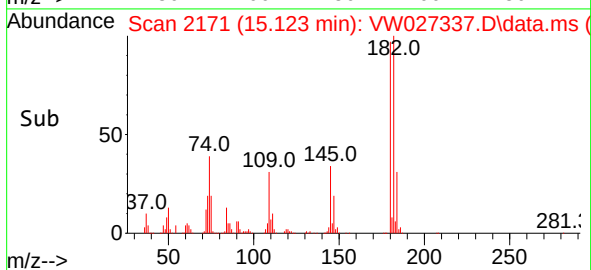
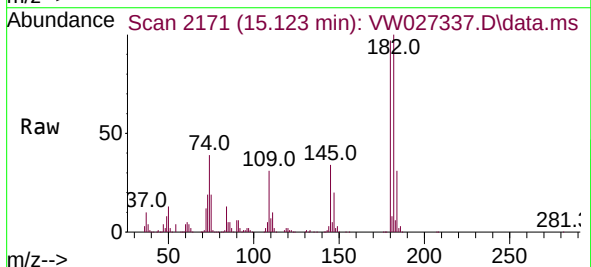
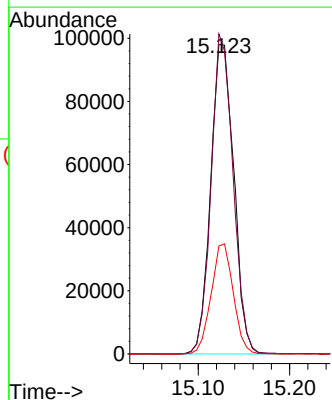
Tgt Ion:180 Resp: 172828

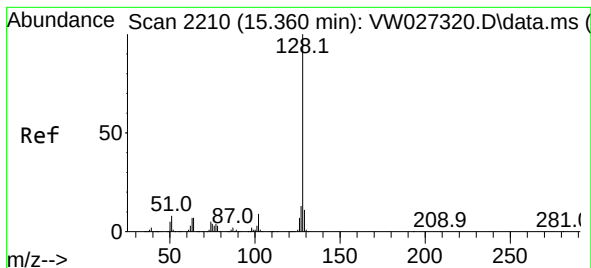
Ion Ratio Lower Upper

180 100

182 97.8 75.5 113.3

145 34.0 26.4 39.6

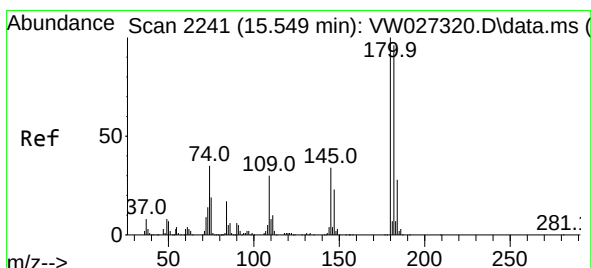
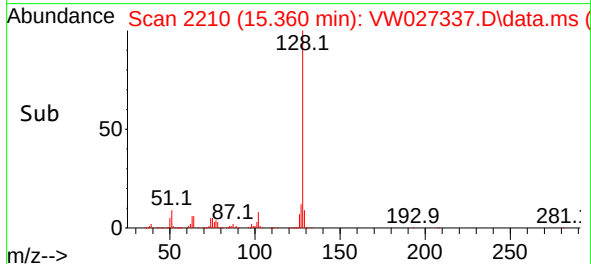
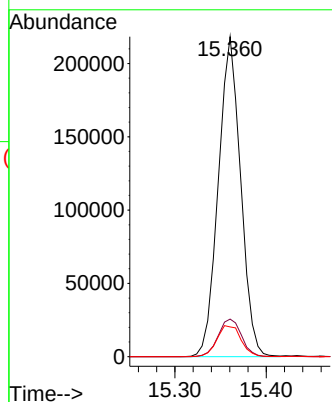
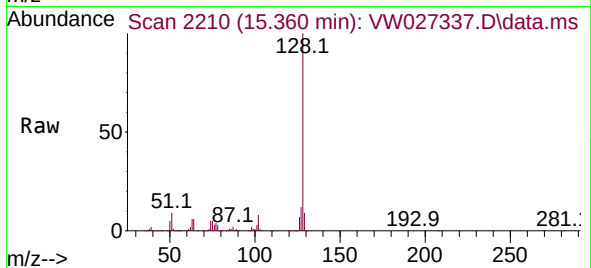




#71
Naphthalene
Concen: 24.728 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 371027
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.5 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.484 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027337.D
Acq: 19 Oct 2023 09:39

Tgt Ion:180 Resp: 152894
Ion Ratio Lower Upper
180 100
182 88.8 81.1 121.7
145 34.2 30.6 45.8

