

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027344.D
 Acq On : 19 Oct 2023 13:38
 Operator : SY/MD
 Sample : 04922-10MSD
 Misc : 6.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 02:49:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	405672	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	364013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	161456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	147822	23.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
7) Chloroethane-d5	2.899	69	116002	26.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.360%
11) 1,1-Dichloroethene-d2	4.021	65	75495	24.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.360%
21) 2-Butanone-d5	7.075	46	120097	58.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.720%
24) Chloroform-d	7.648	84	319021	26.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.560%
26) 1,2-Dichloroethane-d4	8.307	65	176878	27.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.920%
32) Benzene-d6	8.276	84	648650	26.338	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.360%
36) 1,2-Dichloropropane-d6	9.270	67	205734	27.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	10.319	98	554894	24.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.575	79	88619	25.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.360%
47) 2-Hexanone-d5	10.922	63	93642	60.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	164216	29.260	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	155870	26.640	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	93342	19.338	ug/L	# 80
3) Chloromethane	2.222	50	132976	23.972	ug/L	98
5) Vinyl chloride	2.375	62	142560	23.008	ug/L	98
6) Bromomethane	2.789	94	80404	22.782	ug/L	94
8) Chloroethane	2.936	64	84272	23.628	ug/L	99
9) Trichlorofluoromethane	3.265	101	114838	26.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	120067	21.935	ug/L	95
12) 1,1-Dichloroethene	4.045	96	123550	23.226	ug/L	93
13) Acetone	4.118	43	106217	59.762	ug/L	99
14) Carbon disulfide	4.387	76	351333	21.304	ug/L	100
15) Methyl Acetate	4.667	43	81645	26.895	ug/L	99
16) Methylene chloride	4.917	84	154924	20.863	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	133288	23.314	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	259443	26.303	ug/L	100
19) 1,1-Dichloroethane	6.216	63	284020	24.350	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	153415	23.762	ug/L	97
22) 2-Butanone	7.167	43	132745	49.898	ug/L	99
23) Bromochloromethane	7.514	128	63014	23.640	ug/L	85
25) Chloroform	7.679	83	270270	24.757	ug/L	99

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 Response via : Initial Calibration

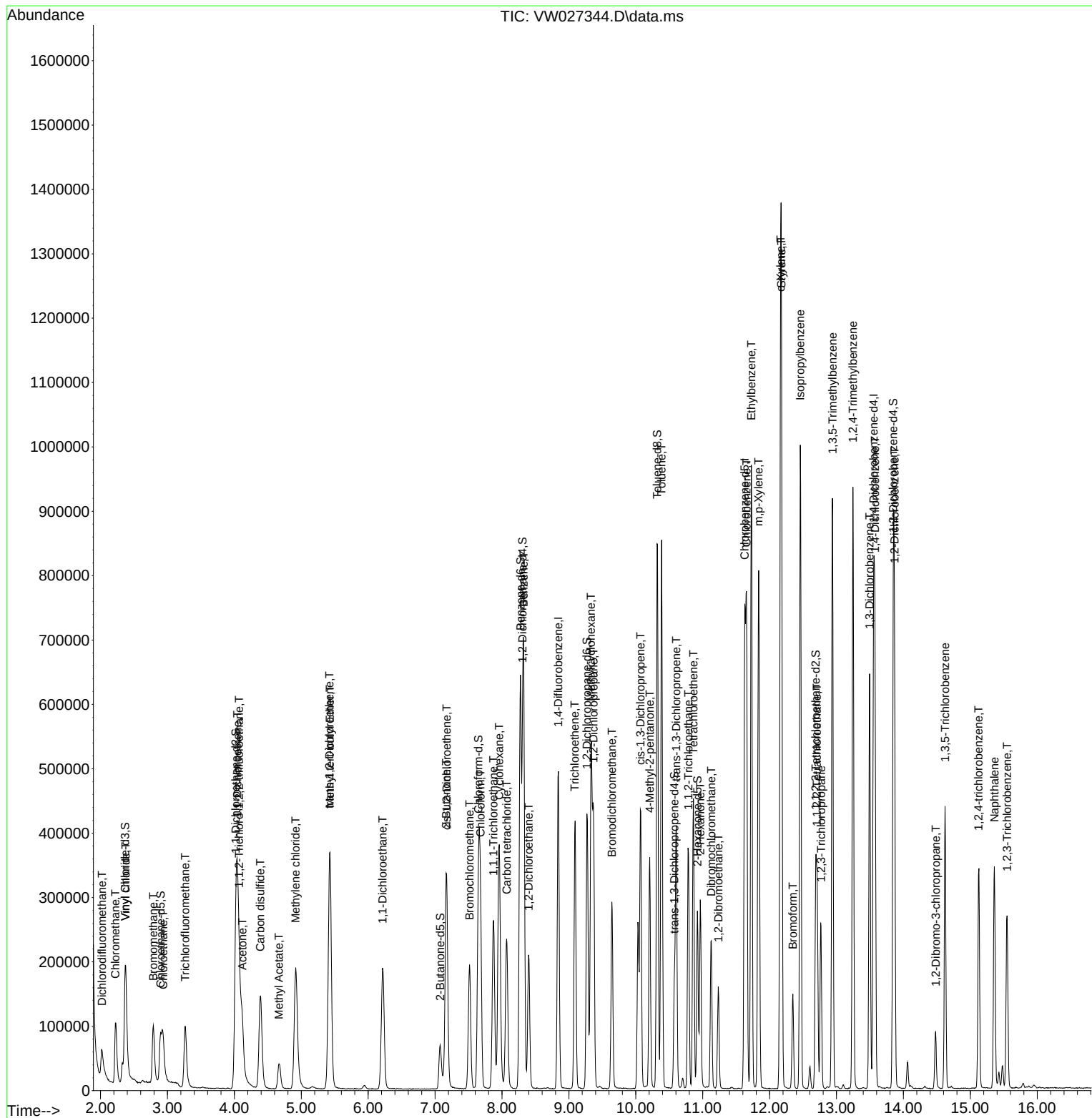
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	190938	25.748	ug/L	98
29) Cyclohexane	7.959	56	243620	22.042	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	218471	24.604	ug/L	98
31) Carbon tetrachloride	8.069	117	181983	22.729	ug/L	100
33) Benzene	8.325	78	585169	24.598	ug/L	100
34) Trichloroethene	9.087	95	150353	23.926	ug/L	91
35) Methylcyclohexane	9.331	83	214327	19.072	ug/L	99
37) 1,2-Dichloropropane	9.368	63	162811	25.311	ug/L	99
38) Bromodichloromethane	9.642	83	194058	24.535	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	260082	24.477	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	245574	55.514	ug/L	100
42) Toluene	10.386	91	601432	24.100	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	217804	24.293	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	117658	26.581	ug/L	96
46) Tetrachloroethene	10.861	164	97264	22.416	ug/L	94
48) 2-Hexanone	10.965	43	187673	57.320	ug/L	100
49) Dibromochloromethane	11.129	129	120826	24.579	ug/L	99
50) 1,2-Dibromoethane	11.233	107	106960	24.923	ug/L #	99
51) Chlorobenzene	11.654	112	361439	23.128	ug/L	95
52) Ethylbenzene	11.727	91	672348	23.184	ug/L	95
53) m,p-Xylene	11.837	106	252129	22.922	ug/L	99
54) o-Xylene	12.166	106	238384	22.632	ug/L	99
55) Styrene	12.178	104	416947	23.178	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	142447	26.362	ug/L	96
59) Bromoform	12.349	173	61507	25.601	ug/L	98
60) Isopropylbenzene	12.458	105	638699	25.182	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	108175	30.685	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	493051	23.304	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	499541	24.132	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	240494	23.382	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	249165	24.258	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	218597	23.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	24018	27.260	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	119291	17.866	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	102233	17.989	ug/L	99
71) Naphthalene	15.360	128	292797	25.054	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86420	18.493	ug/L	94

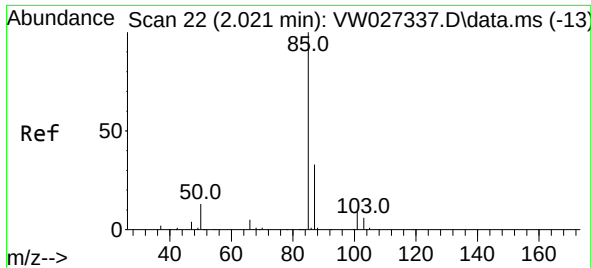
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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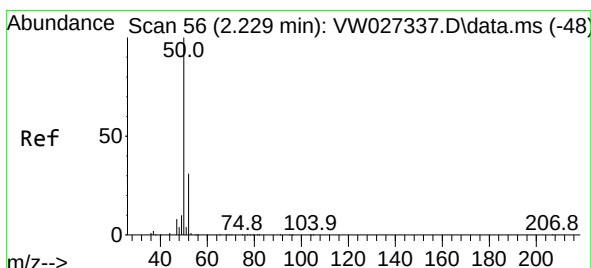
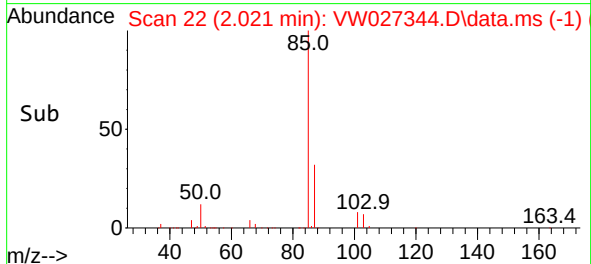
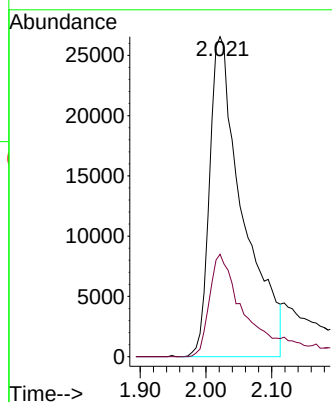
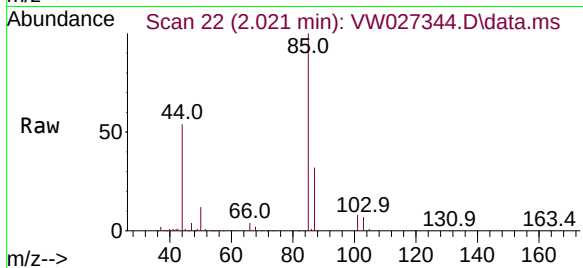




#2
 Dichlorodifluoromethane
 Concen: 19.338 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

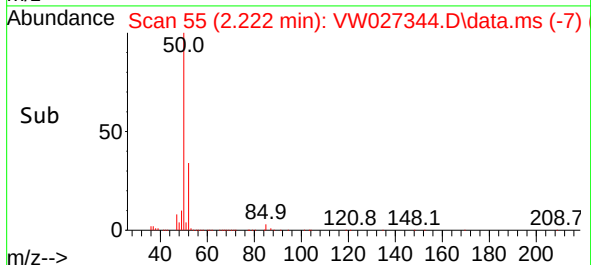
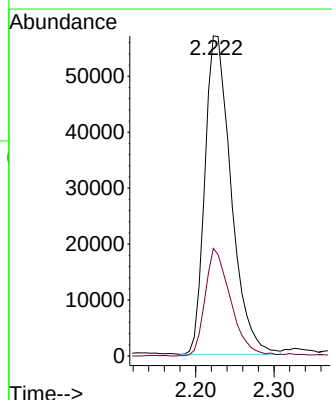
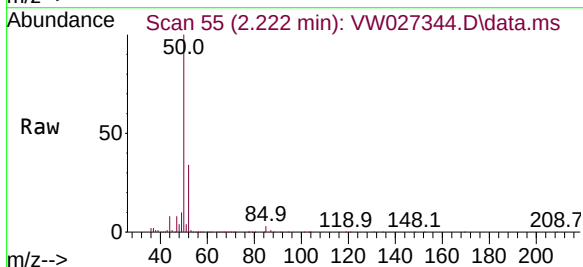
Instrument :
 MSVOA_W
 ClientSampleId :

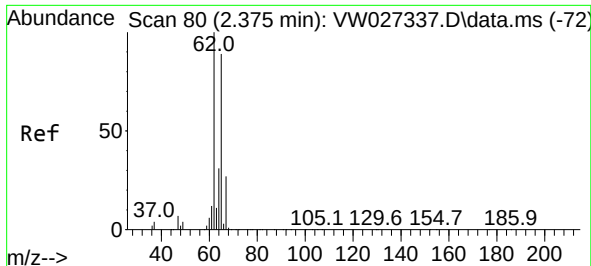
Tgt Ion: 85 Resp: 93342
 Ion Ratio Lower Upper
 85 100
 87 32.3 18.3 27.5#



#3
 Chloromethane
 Concen: 23.972 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

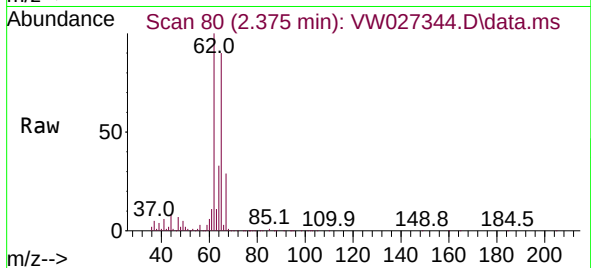
Tgt Ion: 50 Resp: 132976
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.7 42.3



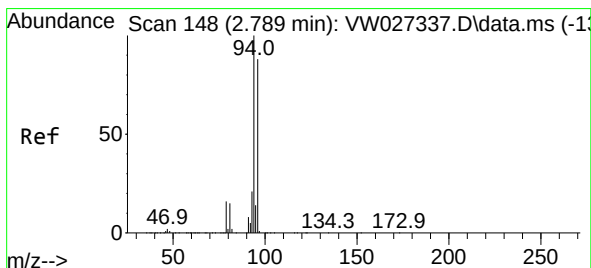
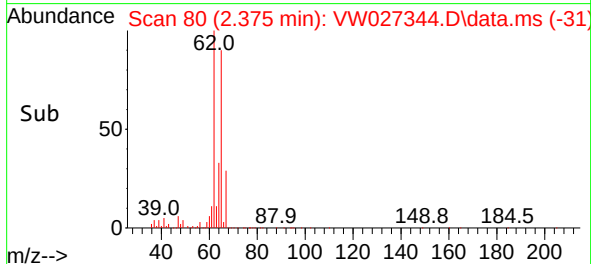
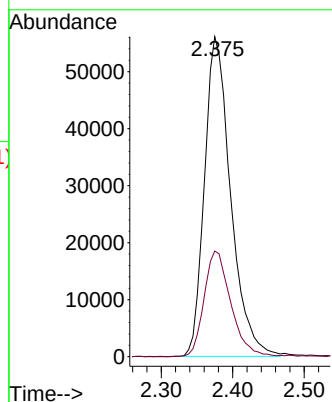


#5
 Vinyl chloride
 Concen: 23.008 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

Instrument :
 MSVOA_W
 ClientSampleId :

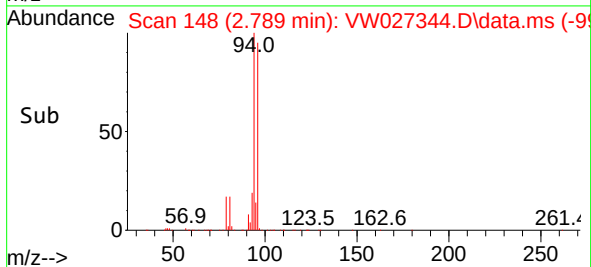
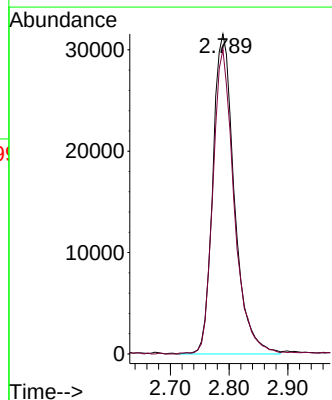
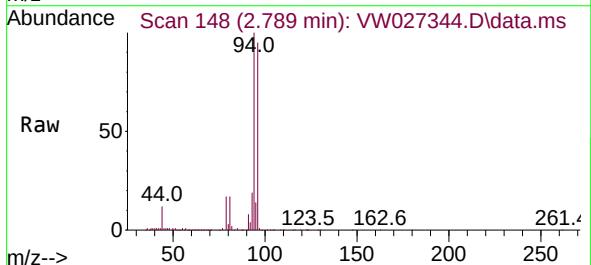


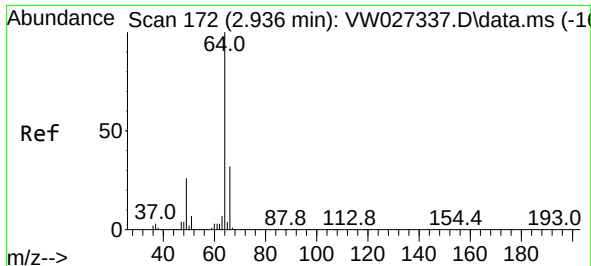
Tgt Ion: 62 Resp: 142560
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.8 44.2



#6
 Bromomethane
 Concen: 22.782 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

Tgt Ion: 94 Resp: 80404
 Ion Ratio Lower Upper
 94 100
 96 95.1 62.9 116.9

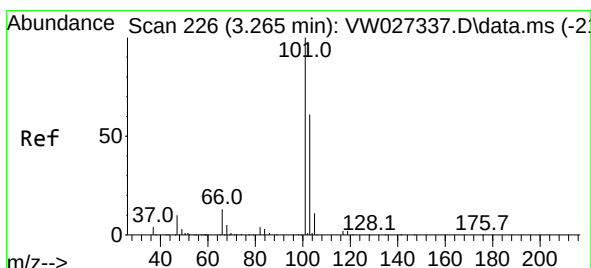
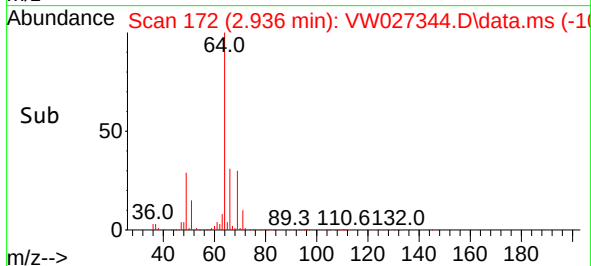
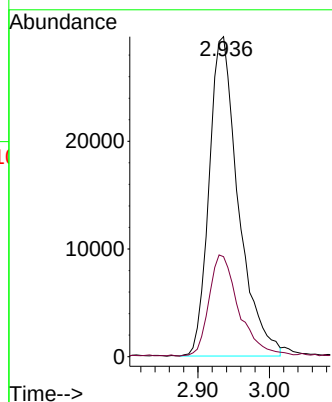
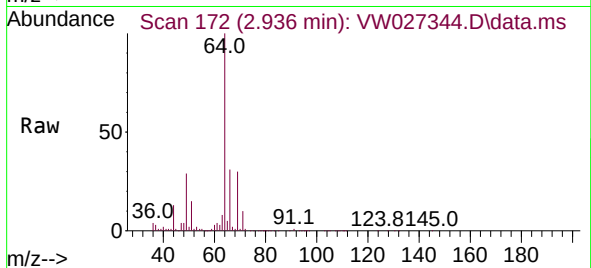




#8
Chloroethane
Concen: 23.628 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

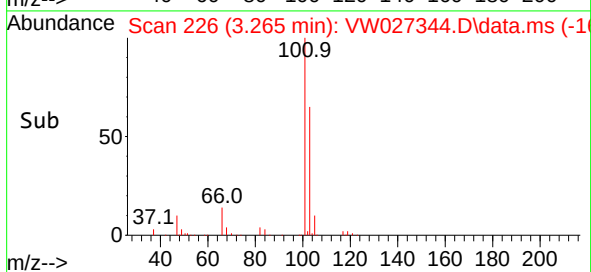
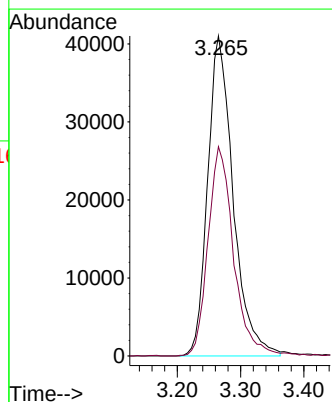
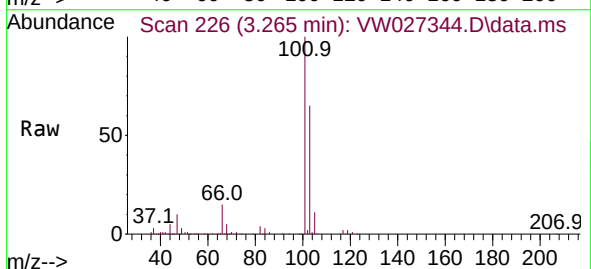
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MSVOA_W
ClientSampleId :

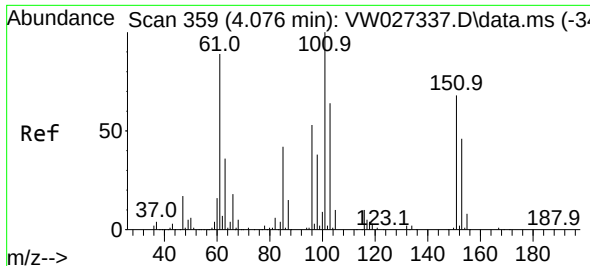
Tgt Ion: 64 Resp: 84272
Ion Ratio Lower Upper
64 100
66 31.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.271 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion:101 Resp: 114838
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

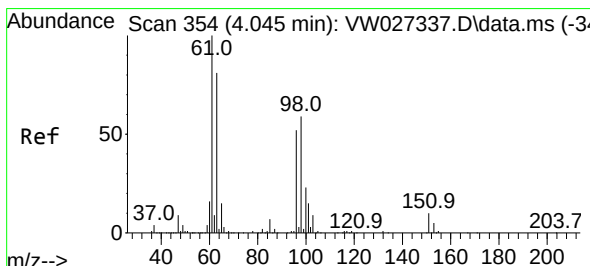
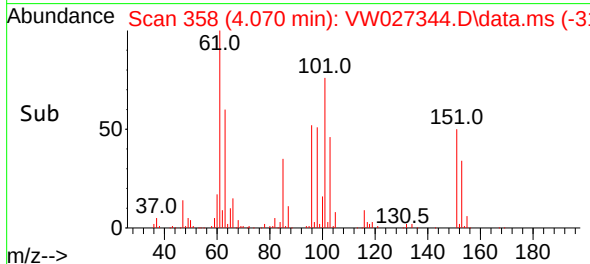
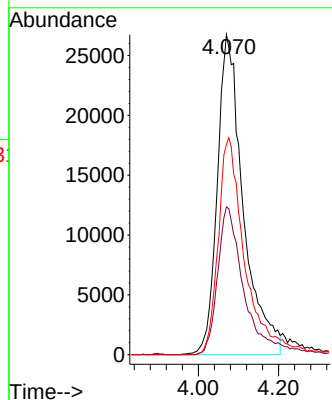
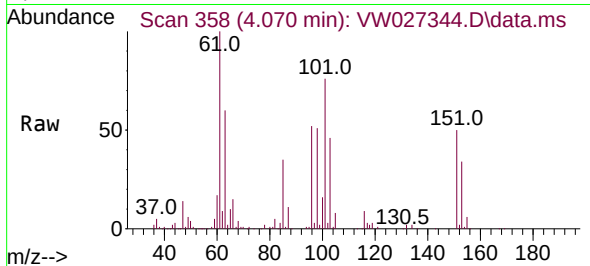




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.935 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

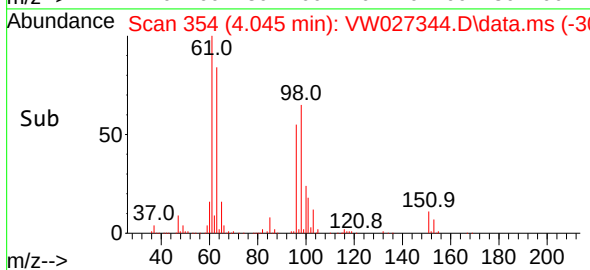
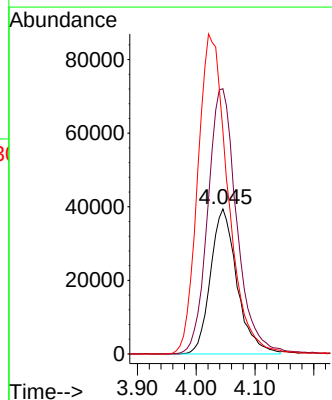
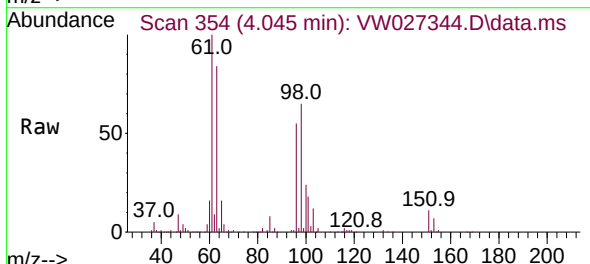
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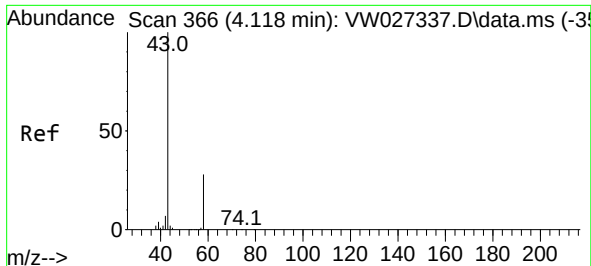
Tgt Ion:101 Resp: 120067
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.1 51.1
 151 66.0 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 23.226 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

Tgt Ion: 96 Resp: 123550
 Ion Ratio Lower Upper
 96 100
 61 183.0 133.3 247.5
 63 153.8 115.8 215.2





#13

Acetone

Concen: 59.762 ug/L

RT: 4.118 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

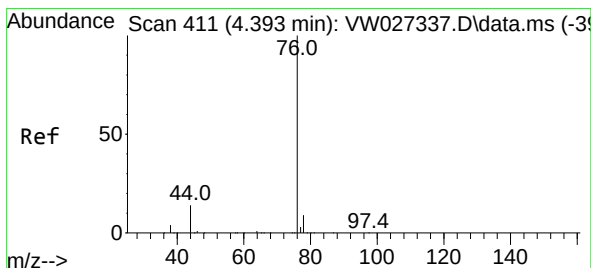
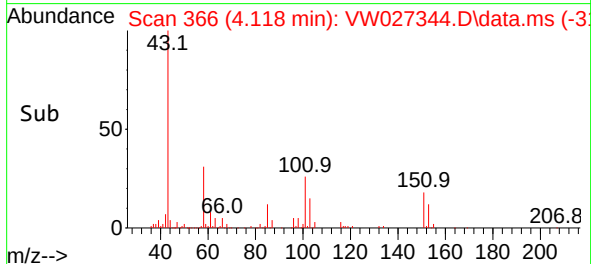
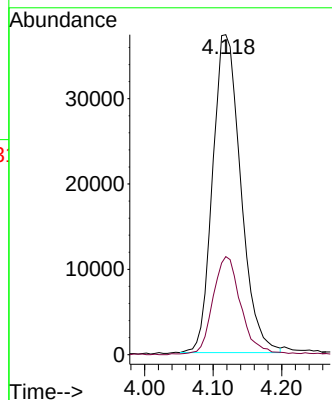
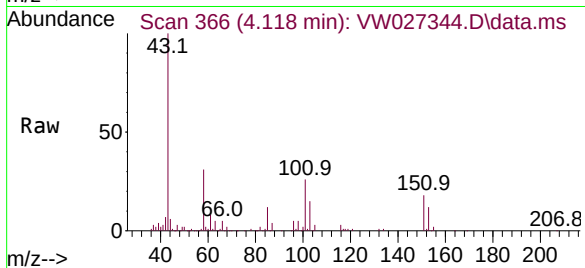
ClientSampleId :

Tgt Ion: 43 Resp: 106217

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.8



#14

Carbon disulfide

Concen: 21.304 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW027344.D

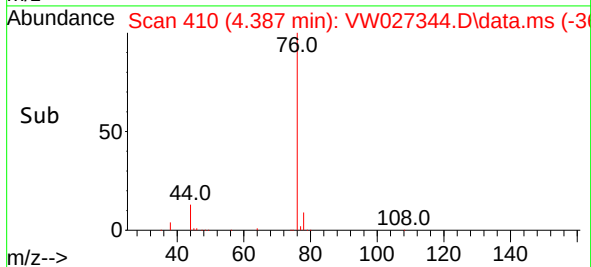
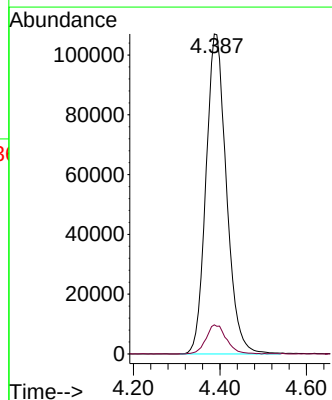
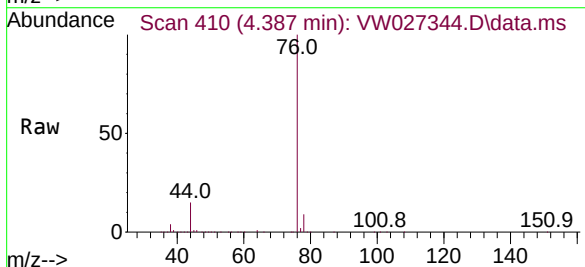
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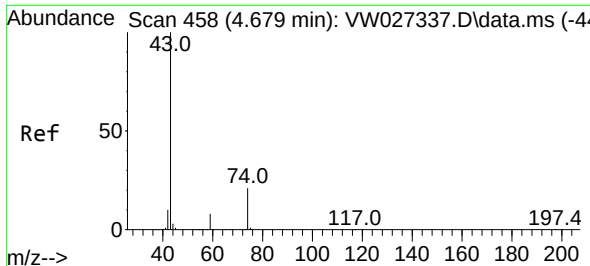
Tgt Ion: 76 Resp: 351333

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

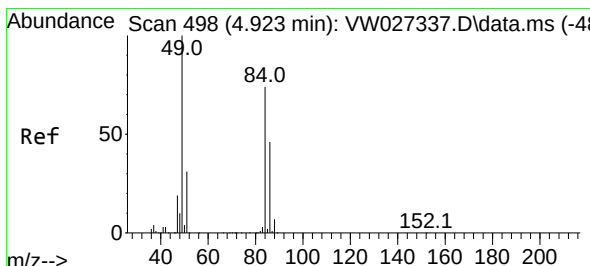
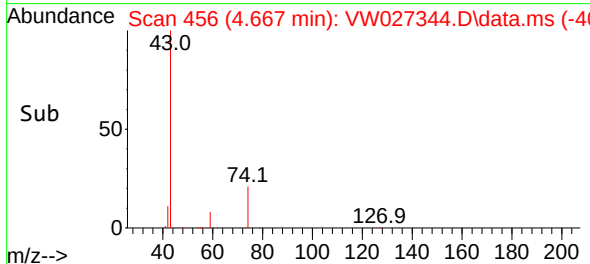
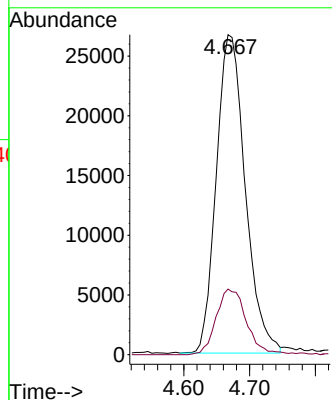
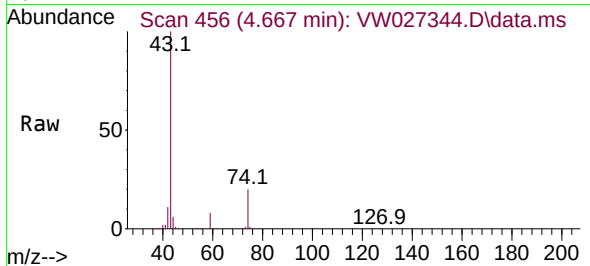




#15
Methyl Acetate
Concen: 26.895 ug/L
RT: 4.667 min Scan# 415
Delta R.T. -0.012 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

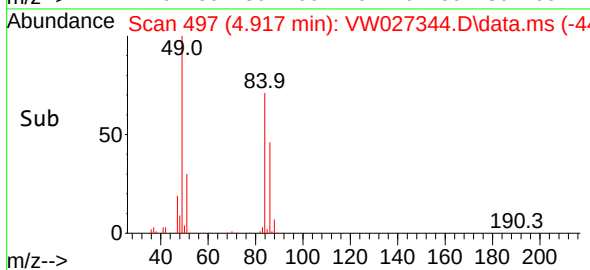
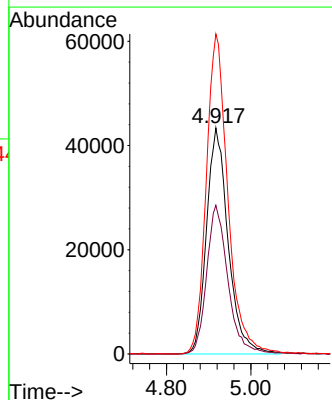
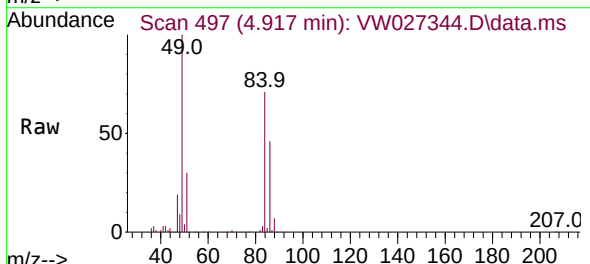
Instrument :
MSVOA_W
ClientSampleId :

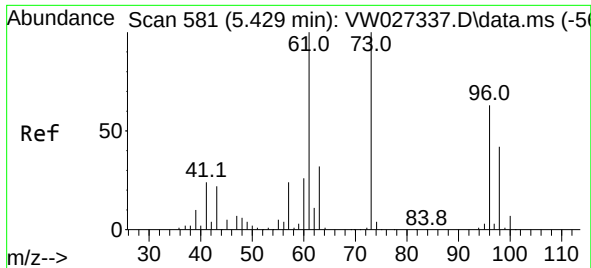
Tgt Ion: 43 Resp: 81645
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3



#16
Methylene chloride
Concen: 20.863 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 84 Resp: 154924
Ion Ratio Lower Upper
84 100
86 65.8 41.3 76.7
49 141.5 92.8 172.4

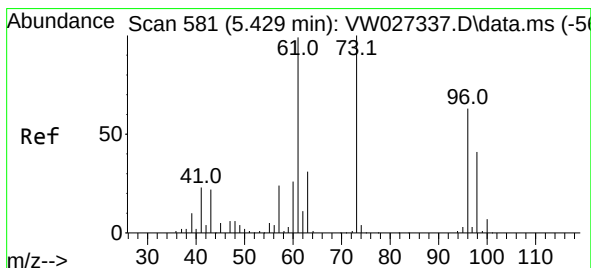
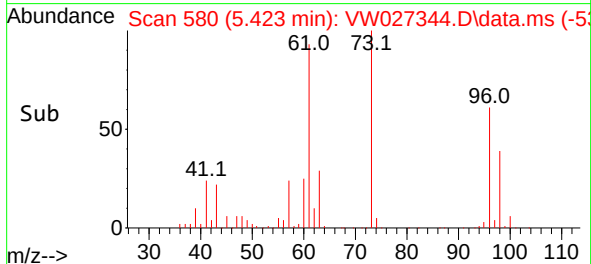
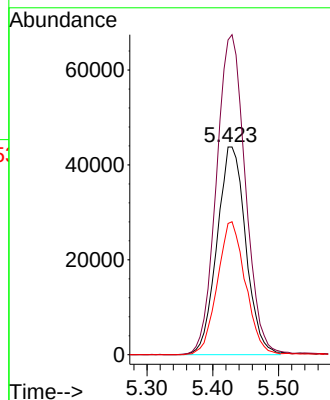
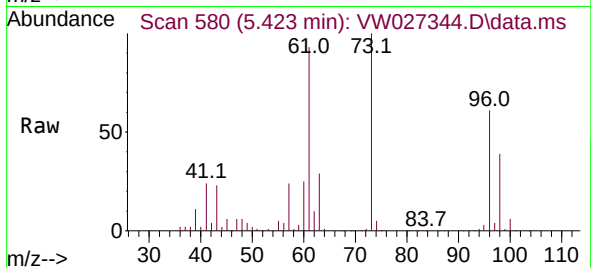




#17
trans-1,2-Dichloroethene
Concen: 23.314 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

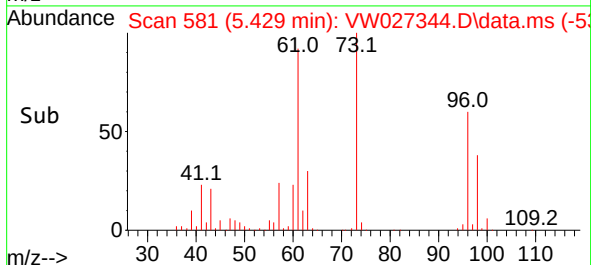
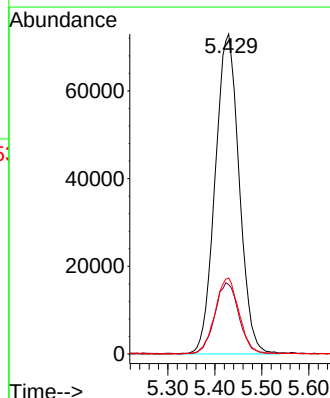
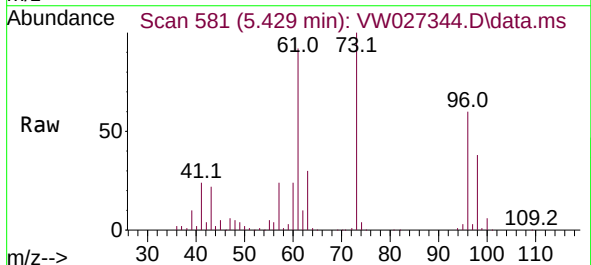
Instrument :
MSVOA_W
ClientSampleId :

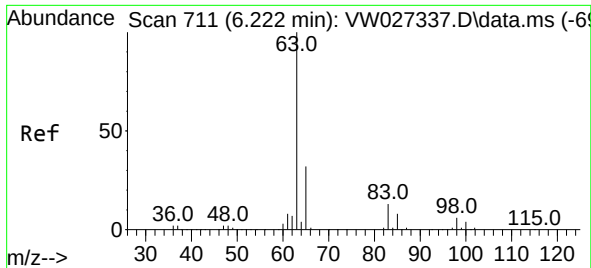
Tgt Ion: 96 Resp: 133288
Ion Ratio Lower Upper
96 100
61 151.6 105.6 196.0
98 63.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.303 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 73 Resp: 259443
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 23.5 18.5 27.7

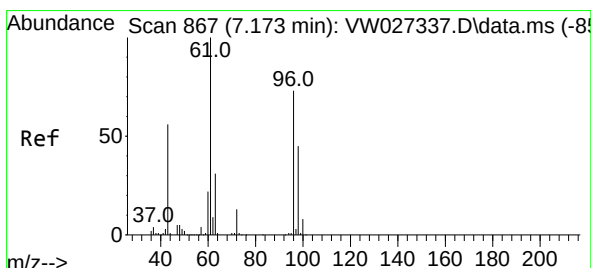
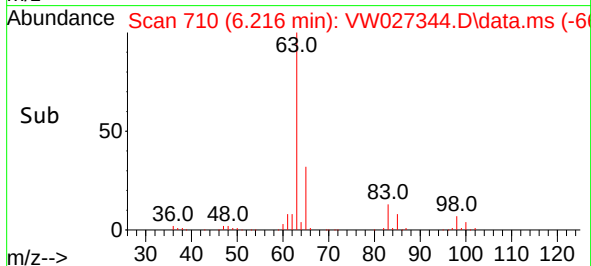
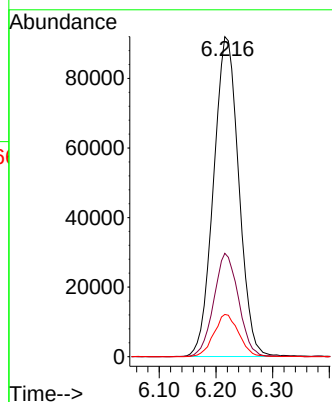
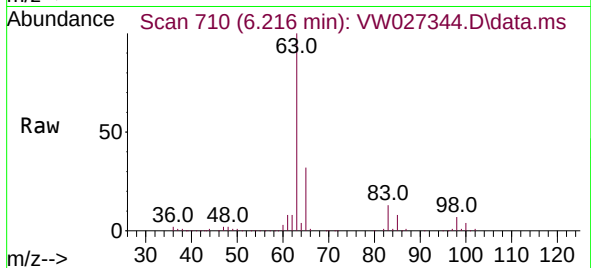




#19
1,1-Dichloroethane
Concen: 24.350 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

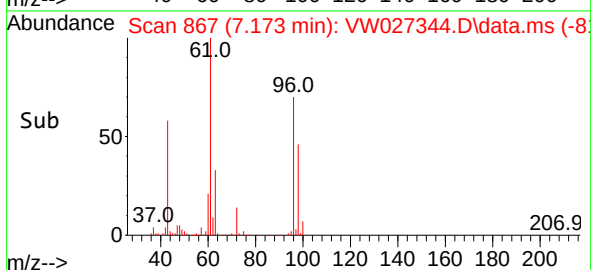
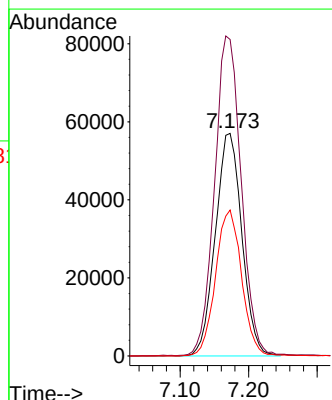
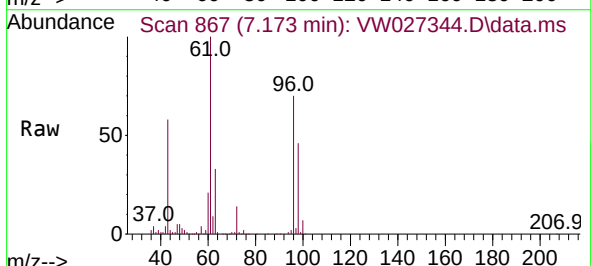
Instrument :
MSVOA_W
ClientSampleId :

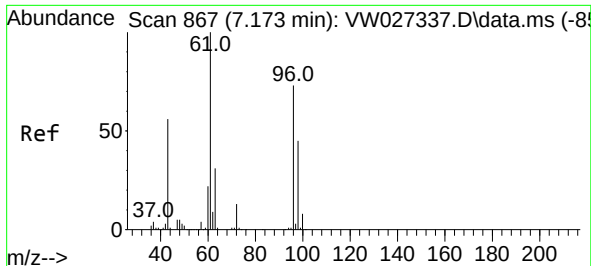
Tgt Ion: 63 Resp: 284020
Ion Ratio Lower Upper
63 100
65 32.3 22.9 42.5
83 13.2 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 23.762 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 96 Resp: 153415
Ion Ratio Lower Upper
96 100
61 142.1 96.2 178.8
98 65.5 46.0 85.4

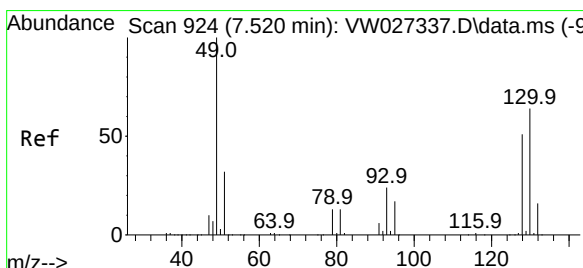
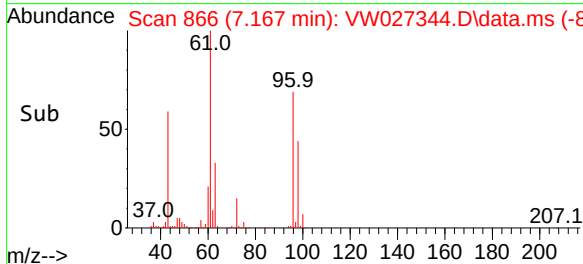
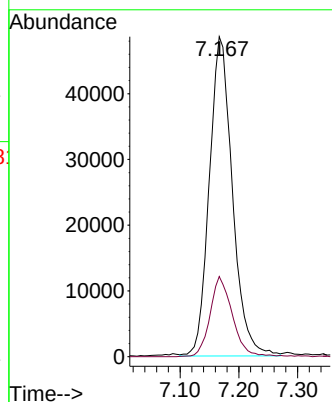
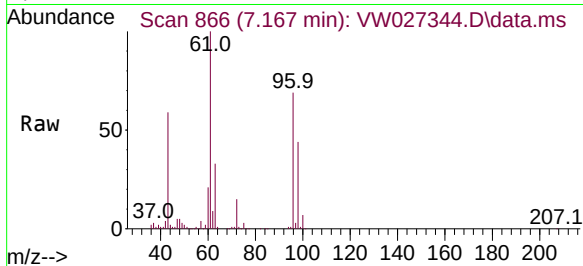




#22
2-Butanone
Concen: 49.898 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

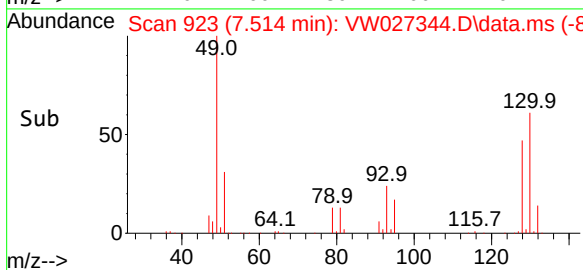
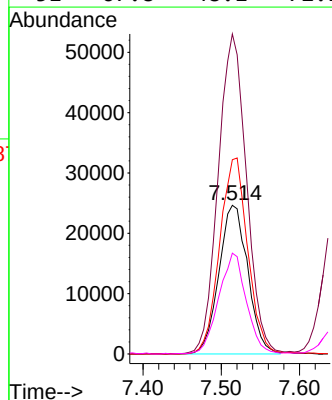
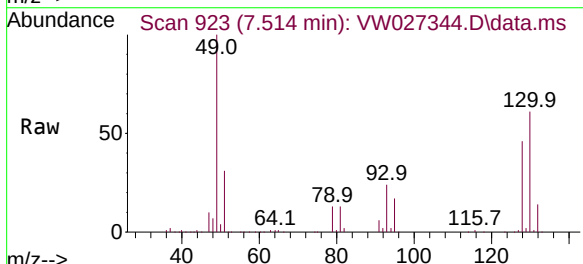
Instrument :
MSVOA_W
ClientSampleId :

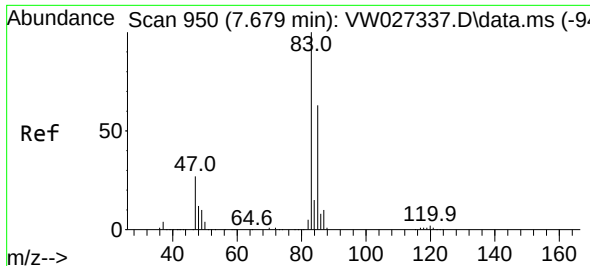
Tgt Ion: 43 Resp: 132745
Ion Ratio Lower Upper
43 100
72 24.0 12.3 36.8



#23
Bromochloromethane
Concen: 23.640 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 128 Resp: 63014
Ion Ratio Lower Upper
128 100
49 215.3 128.9 239.5
130 130.6 85.0 157.8
51 67.8 48.1 72.1

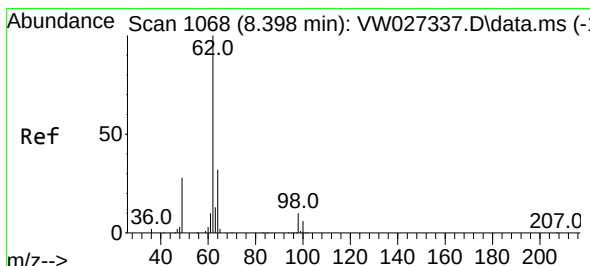
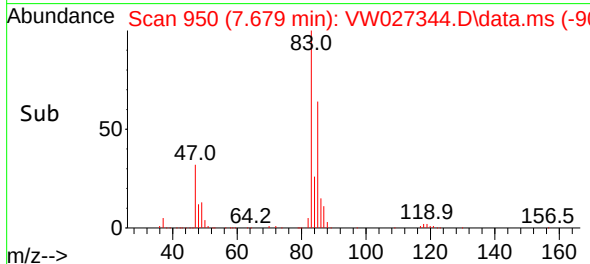
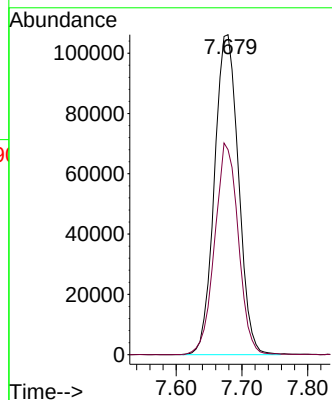
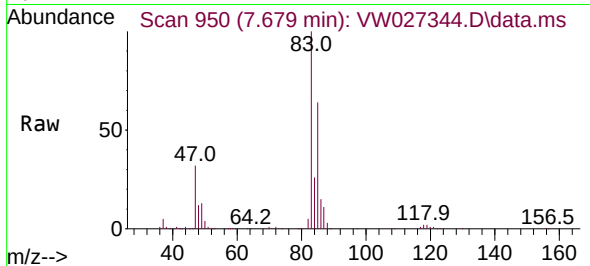




#25
Chloroform
Concen: 24.757 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

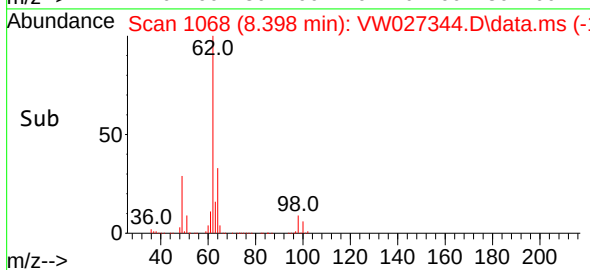
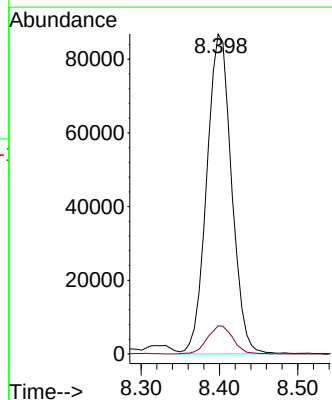
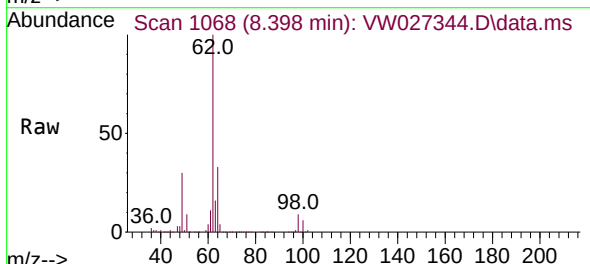
Instrument :
MSVOA_W
ClientSampleId :

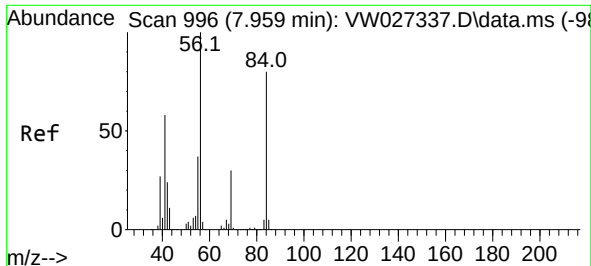
Tgt Ion: 83 Resp: 270270
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.748 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 62 Resp: 190938
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3





#29

Cyclohexane

Concen: 22.042 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

ClientSampleId :

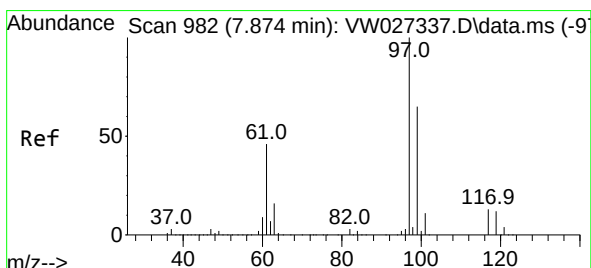
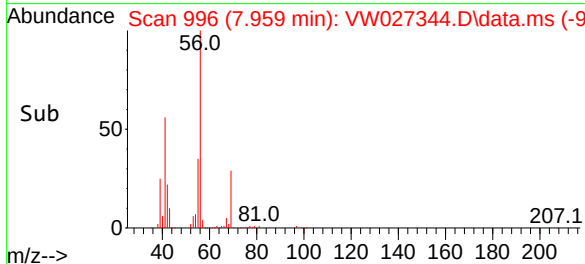
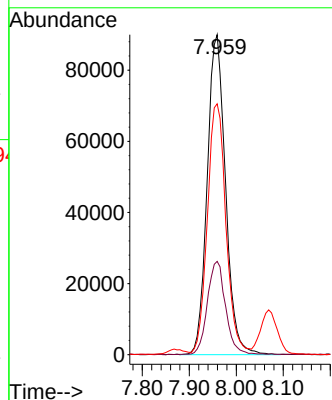
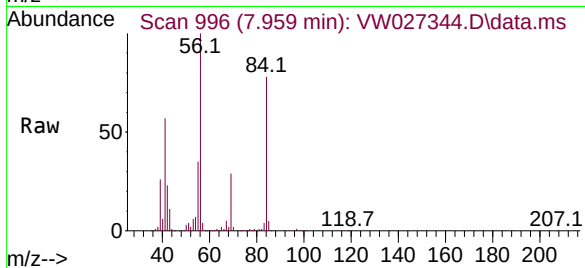
Tgt Ion: 56 Resp: 243620

Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 79.7 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 24.604 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

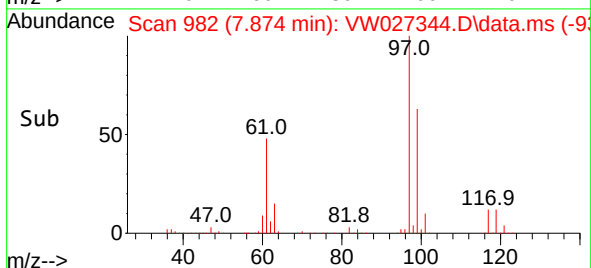
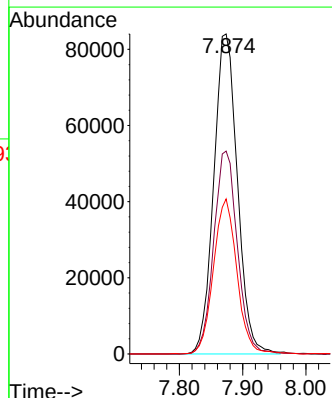
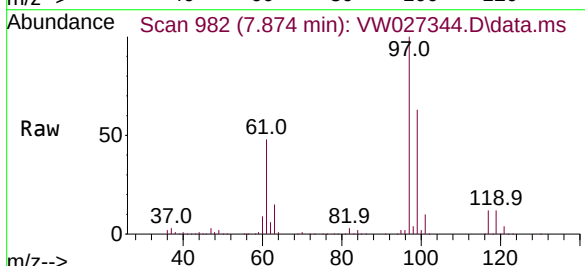
Tgt Ion: 97 Resp: 218471

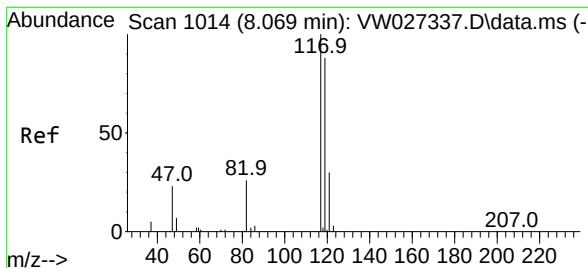
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

61 48.1 37.4 56.0

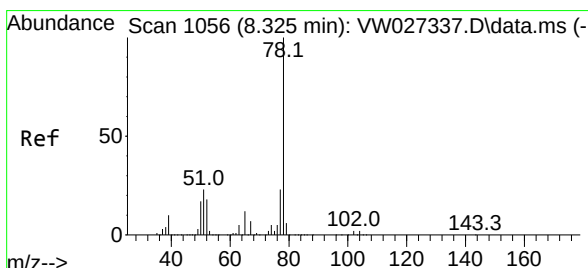
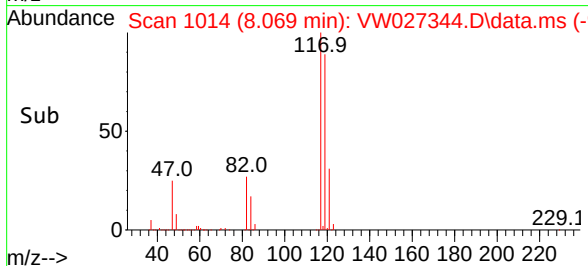
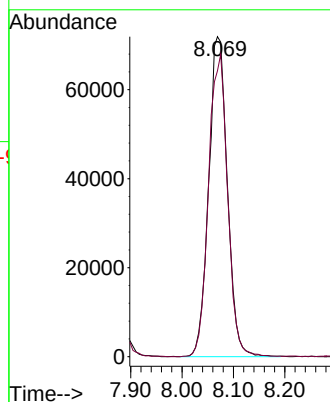
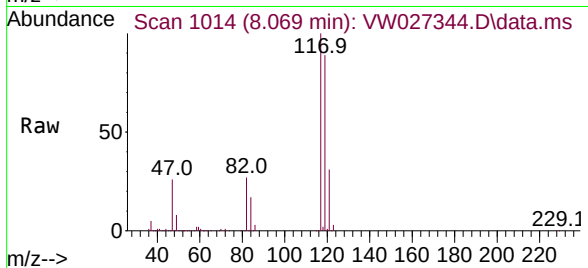




#31
Carbon tetrachloride
Concen: 22.729 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

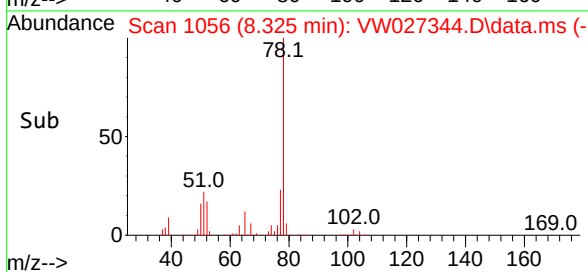
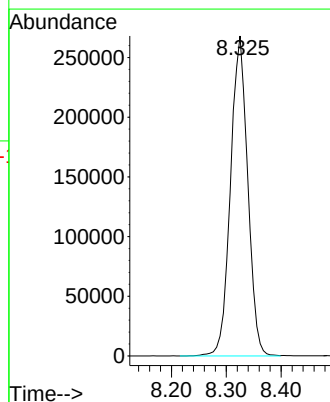
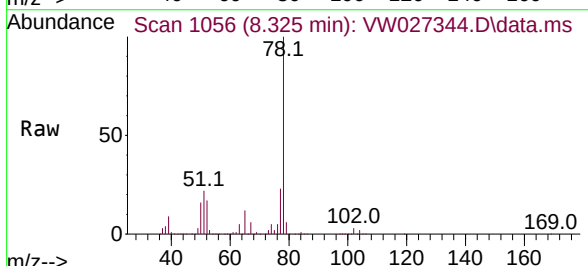
Instrument :
MSVOA_W
ClientSampleId :

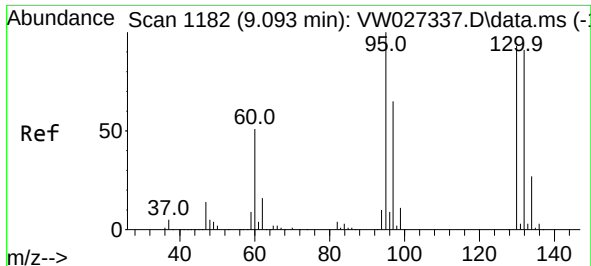
Tgt Ion:117 Resp: 181983
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 24.598 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

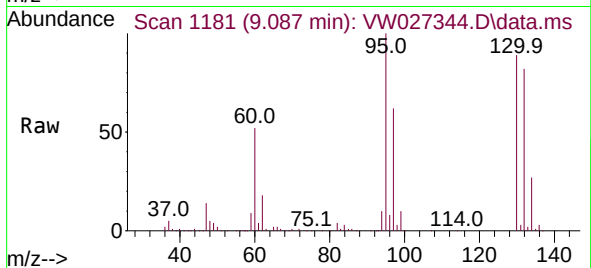
Tgt Ion: 78 Resp: 585169





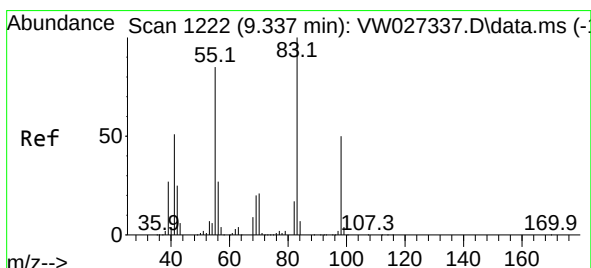
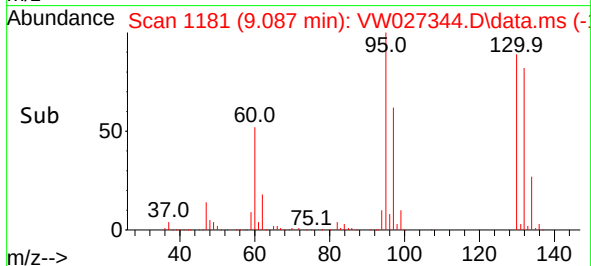
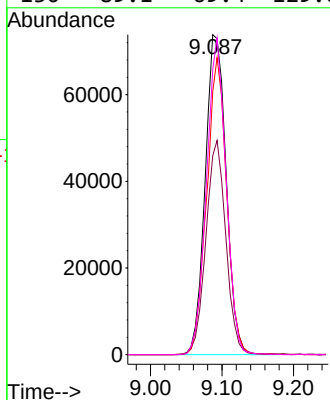
#34
Trichloroethene
Concen: 23.926 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 150353

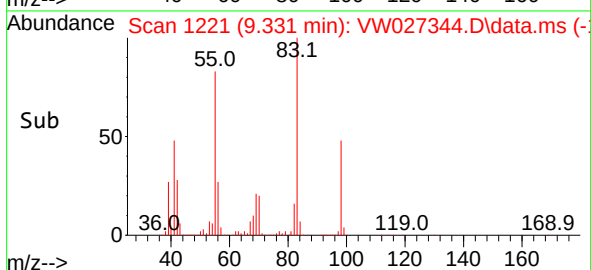
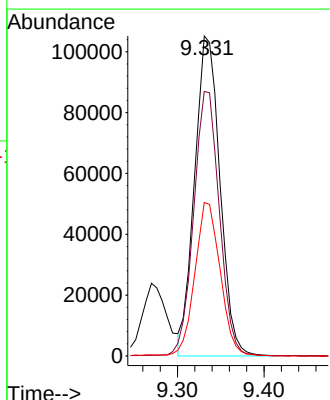
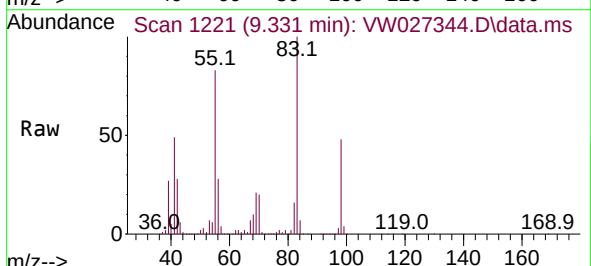
Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.4	80.6
132	82.3	67.6	125.6
130	89.1	69.4	129.0

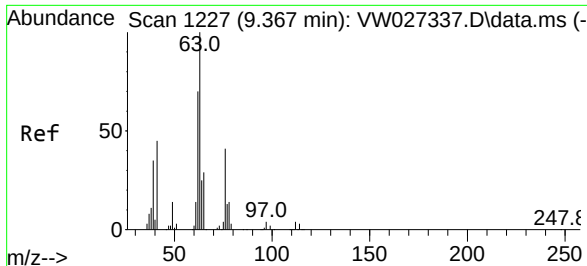


#35
Methylcyclohexane
Concen: 19.072 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 83 Resp: 214327

Ion	Ratio	Lower	Upper
83	100		
55	83.7	65.8	98.8
98	47.8	38.1	57.1

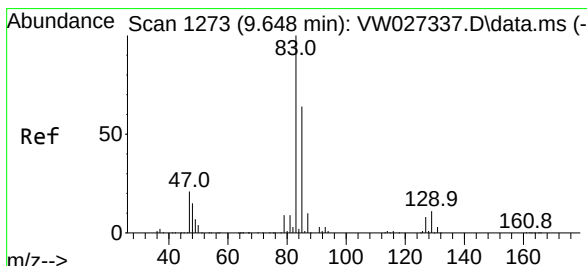
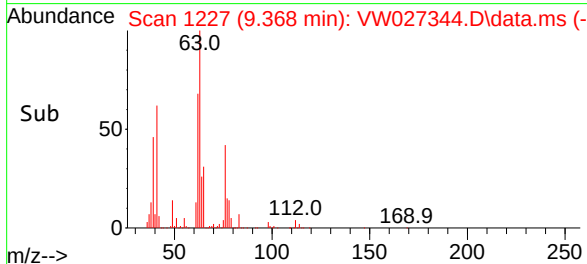
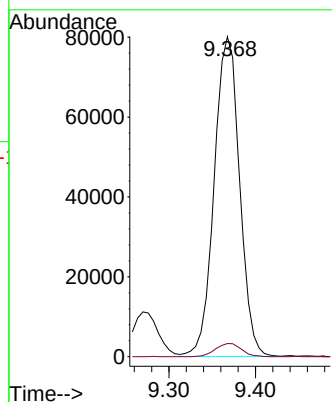
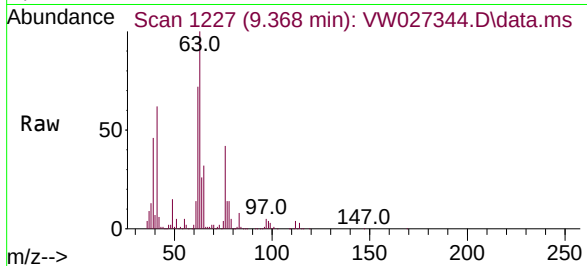




#37
1,2-Dichloropropane
Concen: 25.311 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

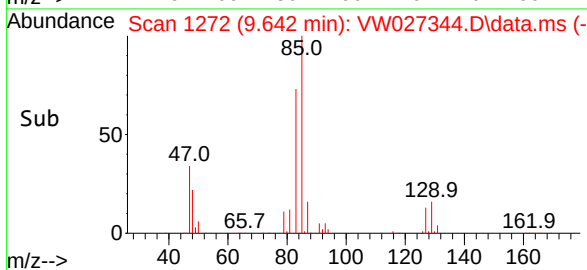
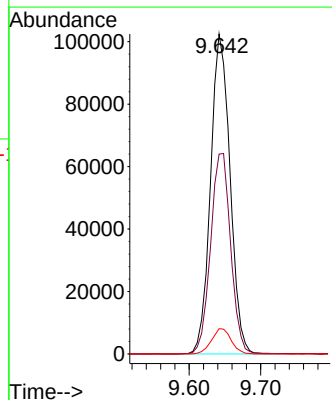
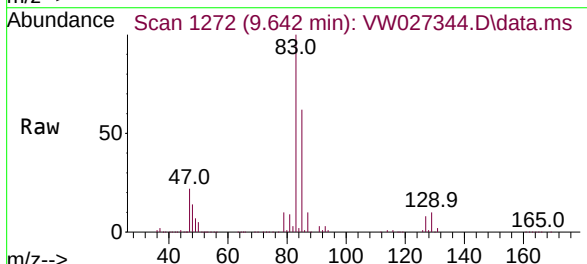
Instrument :
MSVOA_W
ClientSampleId :

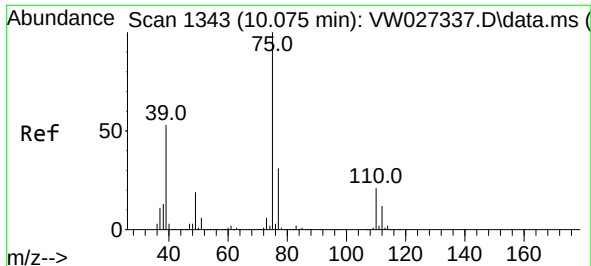
Tgt Ion: 63 Resp: 162811
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 24.535 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 83 Resp: 194058
Ion Ratio Lower Upper
83 100
85 62.5 43.9 81.5
127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.477 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

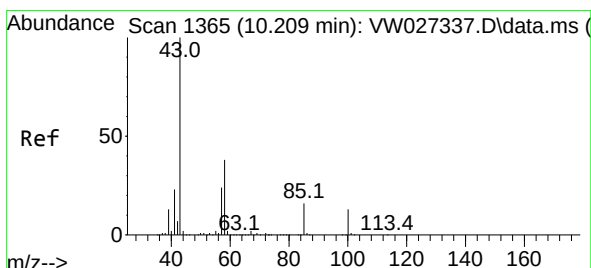
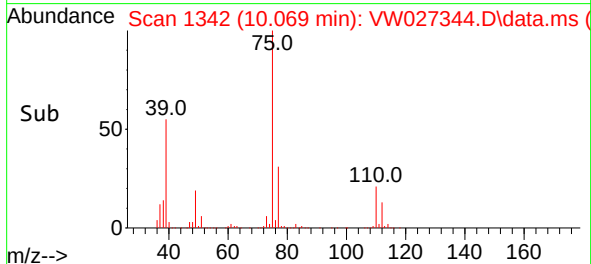
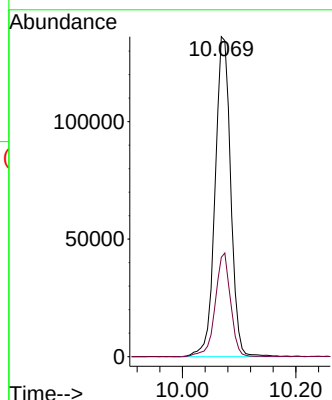
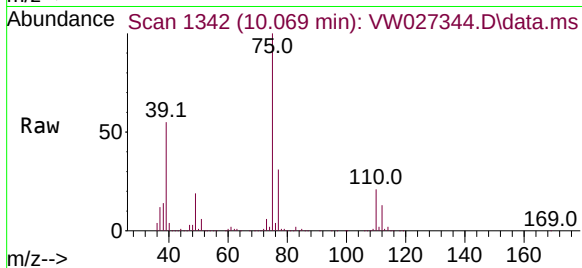
ClientSampleId :

Tgt Ion: 75 Resp: 260082

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 55.514 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

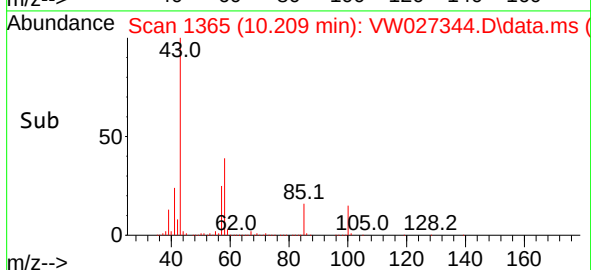
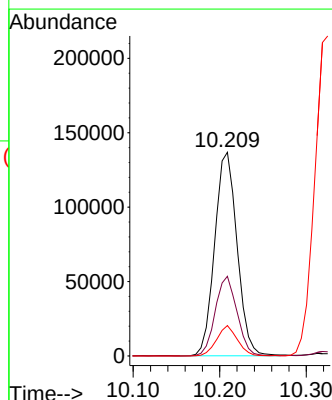
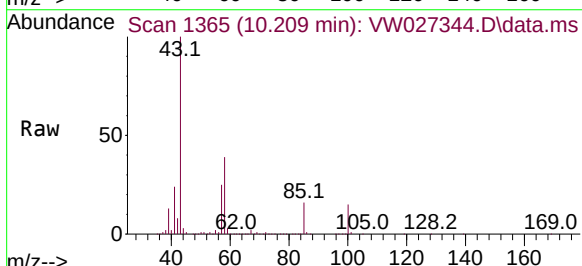
Tgt Ion: 43 Resp: 245574

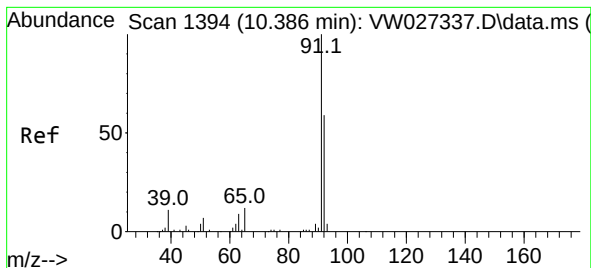
Ion Ratio Lower Upper

43 100

58 38.2 30.5 45.7

100 13.9 11.5 17.3





#42

Toluene

Concen: 24.100 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

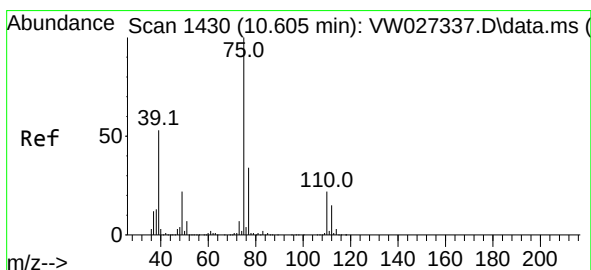
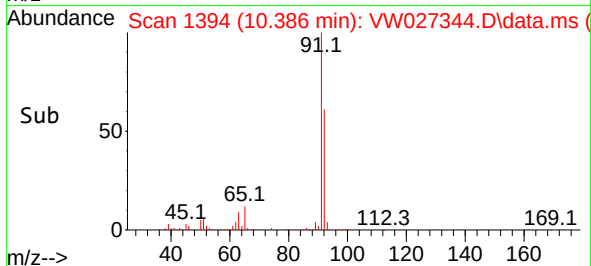
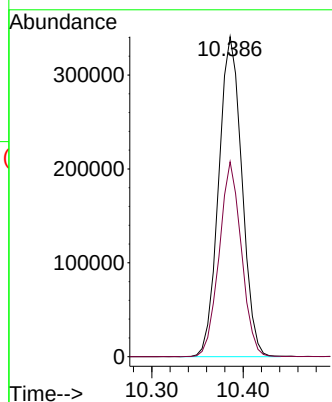
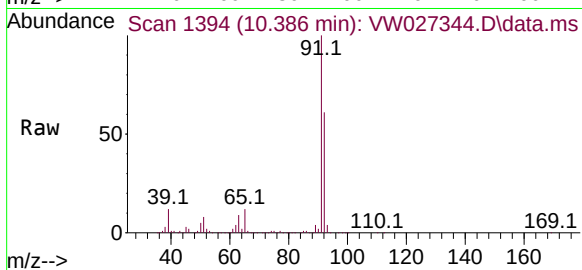
ClientSampleId :

Tgt Ion: 91 Resp: 601432

Ion Ratio Lower Upper

91 100

92 60.9 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 24.293 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027344.D

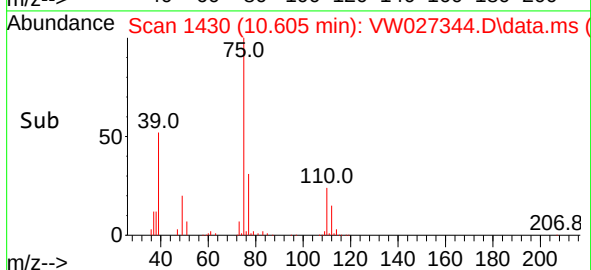
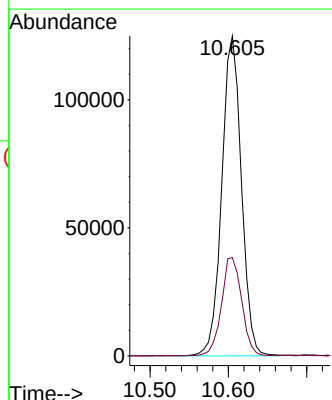
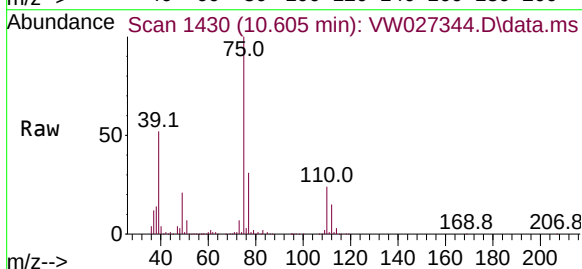
Acq: 19 Oct 2023 13:38

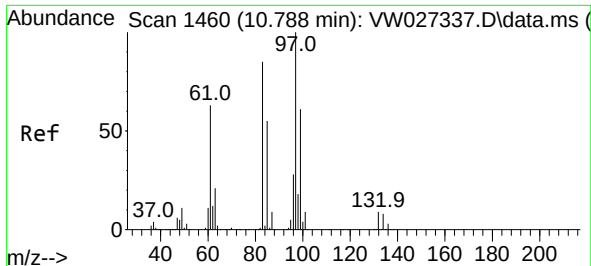
Tgt Ion: 75 Resp: 217804

Ion Ratio Lower Upper

75 100

77 30.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.581 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 117658

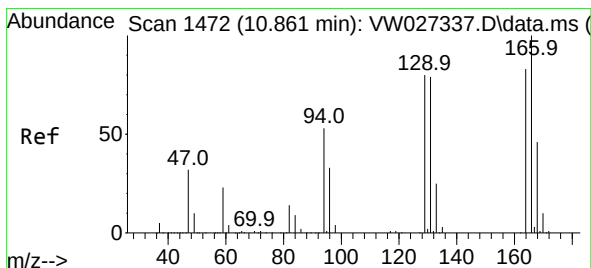
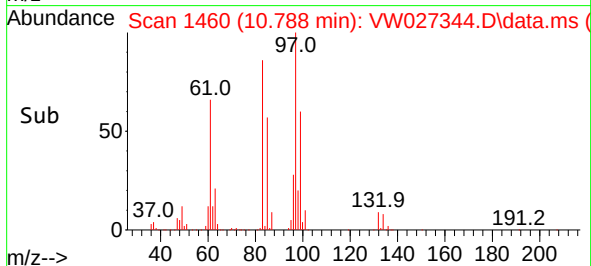
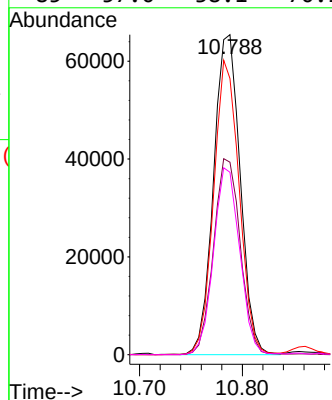
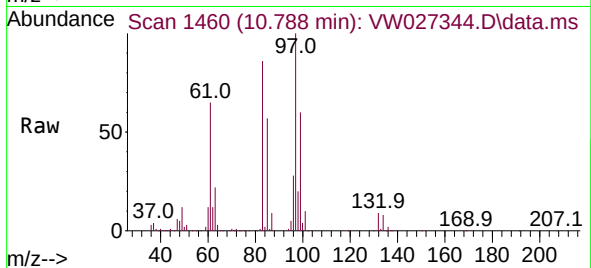
Ion Ratio Lower Upper

97 100

99 60.2 43.8 81.4

83 86.3 57.5 106.7

85 57.0 38.1 70.9



#46

Tetrachloroethene

Concen: 22.416 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Tgt Ion:164 Resp: 97264

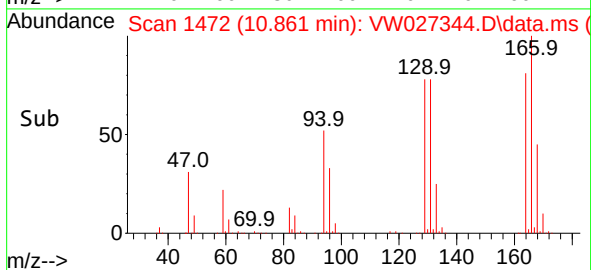
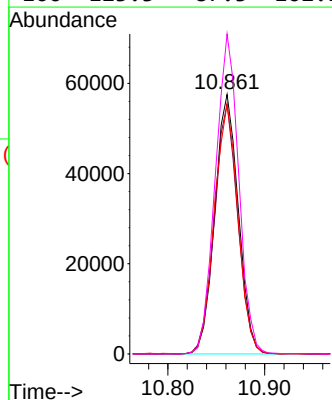
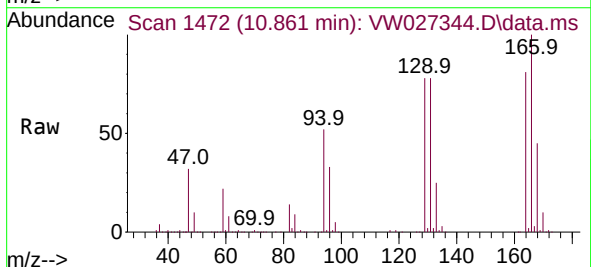
Ion Ratio Lower Upper

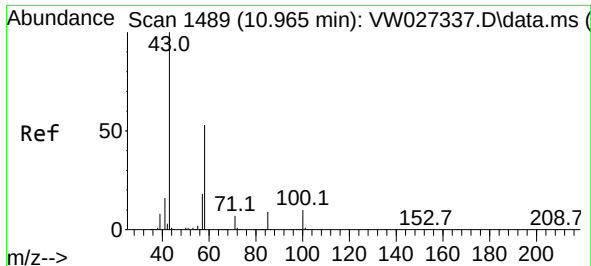
164 100

129 96.4 74.7 138.7

131 96.2 73.2 136.0

166 123.3 87.3 162.1

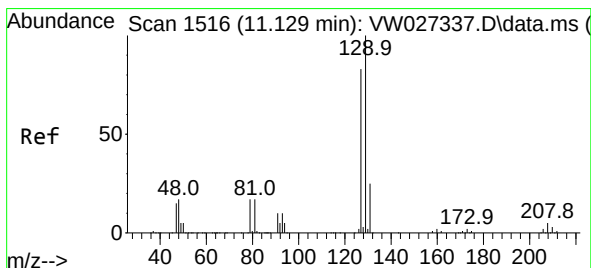
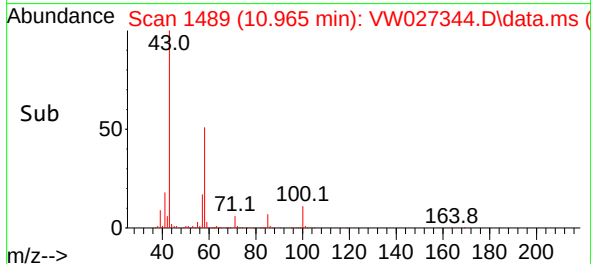
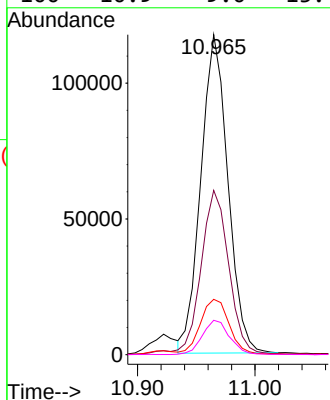
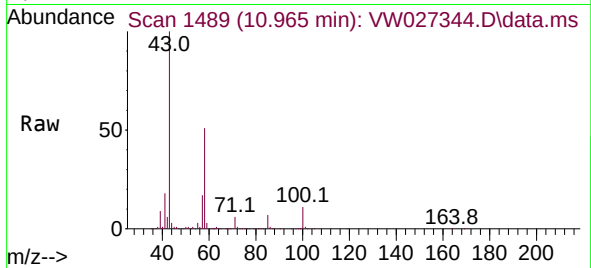




#48
2-Hexanone
Concen: 57.320 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

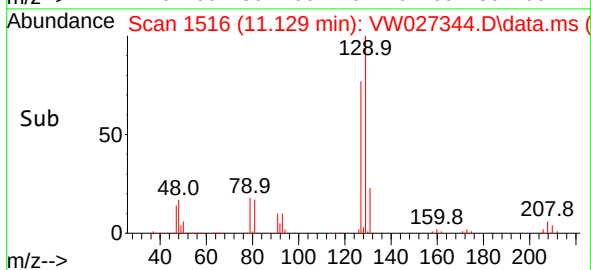
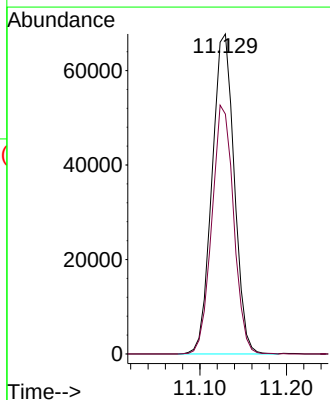
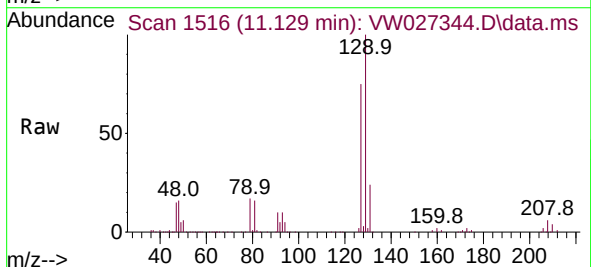
Instrument :
MSVOA_W
ClientSampleId :

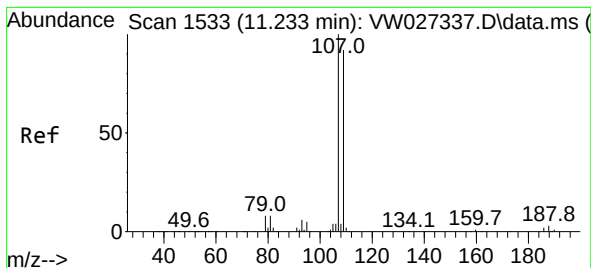
Tgt Ion: 43 Resp: 187673
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.4
57 18.6 15.1 22.7
100 10.9 9.0 13.4



#49
Dibromochloromethane
Concen: 24.579 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion: 129 Resp: 120826
Ion Ratio Lower Upper
129 100
127 75.0 51.7 95.9

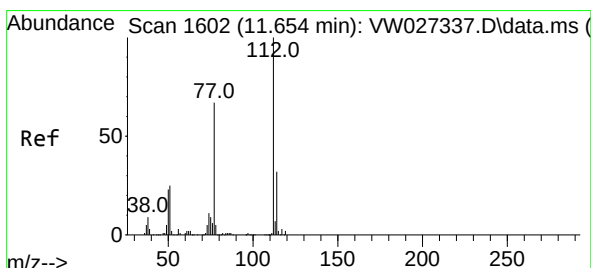
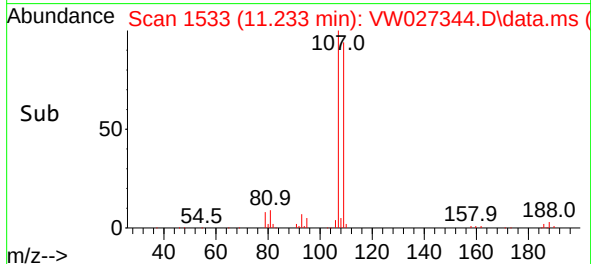
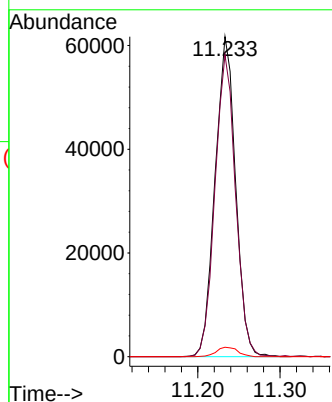
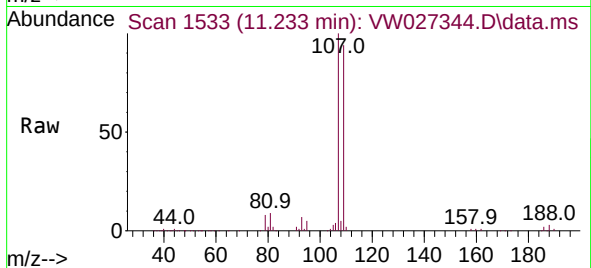




#50
1,2-Dibromoethane
Concen: 24.923 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

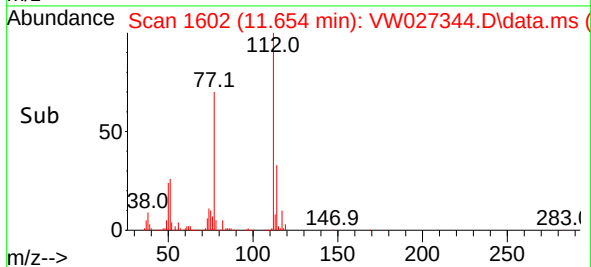
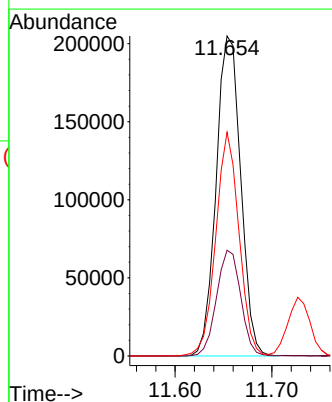
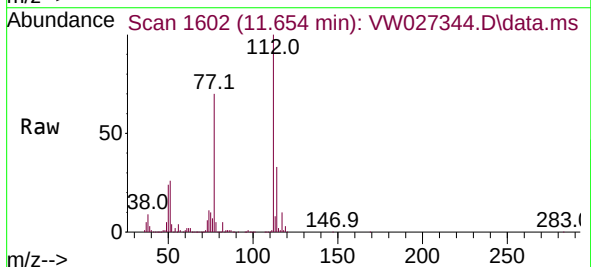
Instrument :
MSVOA_W
ClientSampleId :

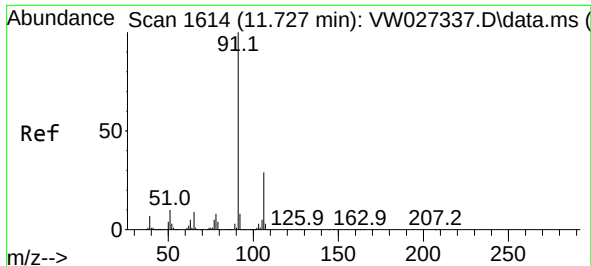
Tgt Ion:107 Resp: 106960
Ion Ratio Lower Upper
107 100
109 94.3 66.3 123.1
188 2.9 3.0 4.4#



#51
Chlorobenzene
Concen: 23.128 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

Tgt Ion:112 Resp: 361439
Ion Ratio Lower Upper
112 100
114 33.0 21.8 40.6
77 69.9 52.2 78.4





#52

Ethylbenzene

Concen: 23.184 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

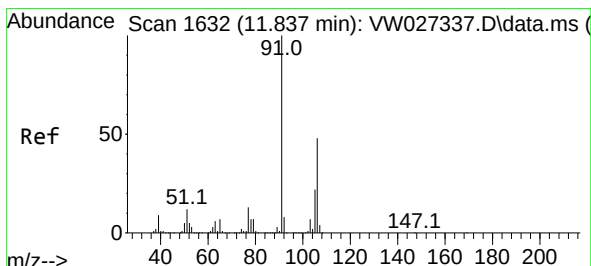
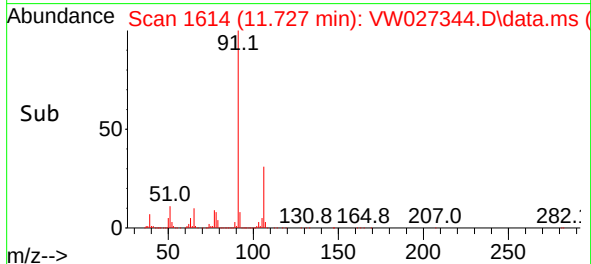
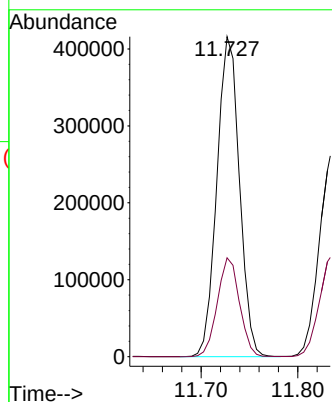
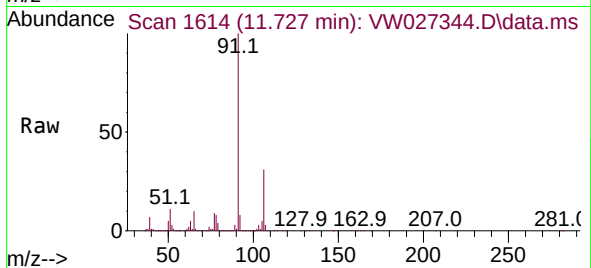
ClientSampleId :

Tgt Ion: 91 Resp: 672348

Ion Ratio Lower Upper

91 100

106 30.9 19.8 36.8



#53

m,p-Xylene

Concen: 22.922 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027344.D

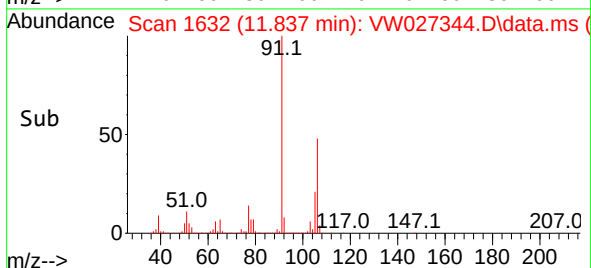
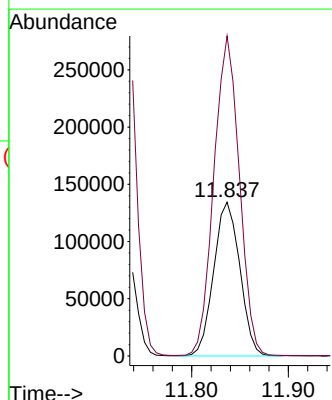
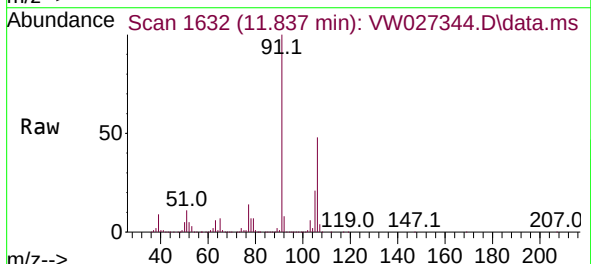
Acq: 19 Oct 2023 13:38

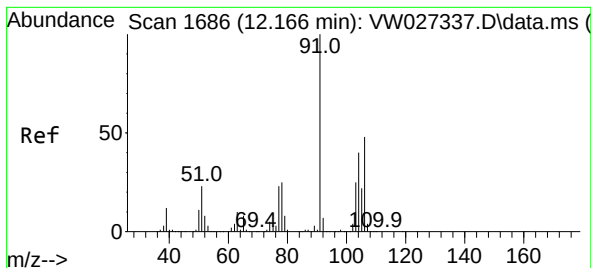
Tgt Ion:106 Resp: 252129

Ion Ratio Lower Upper

106 100

91 208.1 144.5 268.4





#54

o-Xylene

Concen: 22.632 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

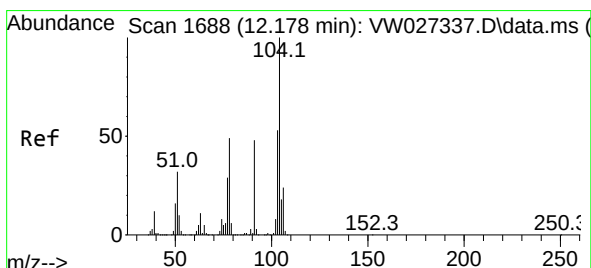
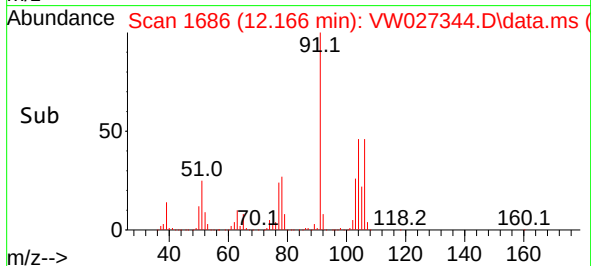
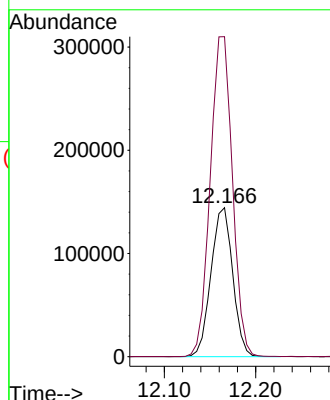
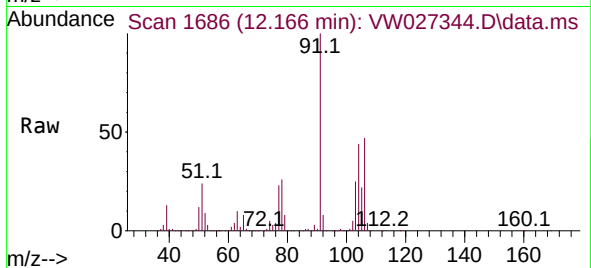
ClientSampleId :

Tgt Ion:106 Resp: 238384

Ion Ratio Lower Upper

106 100

91 214.9 152.0 282.2



#55

Styrene

Concen: 23.178 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027344.D

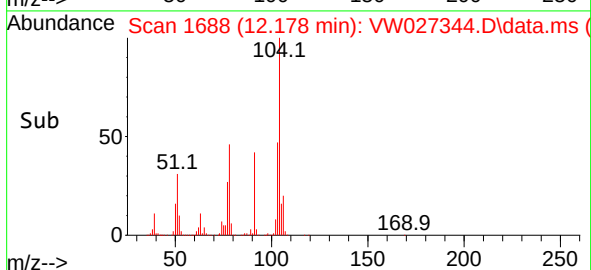
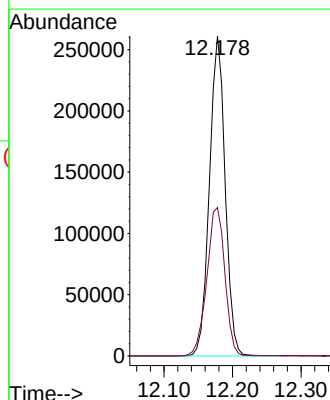
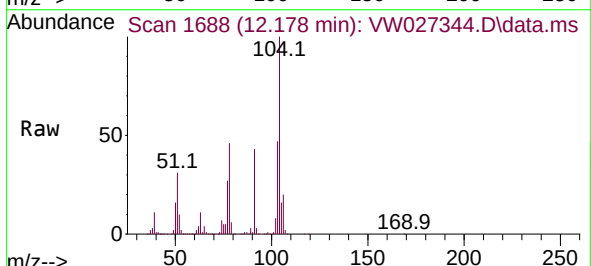
Acq: 19 Oct 2023 13:38

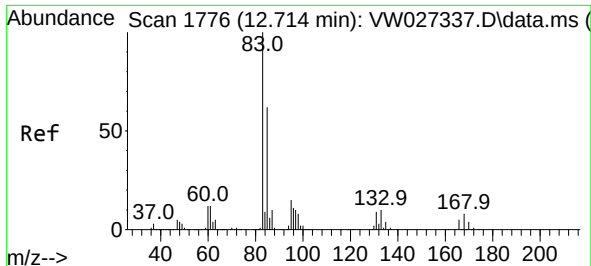
Tgt Ion:104 Resp: 416947

Ion Ratio Lower Upper

104 100

78 46.4 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.362 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027344.D

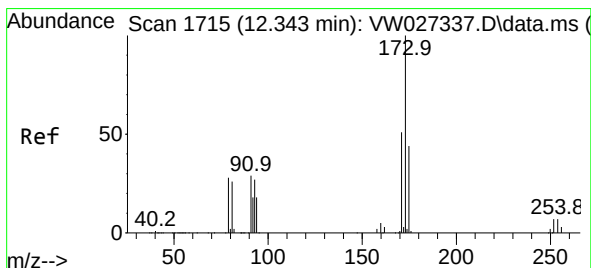
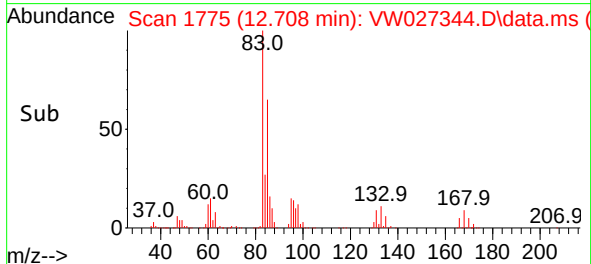
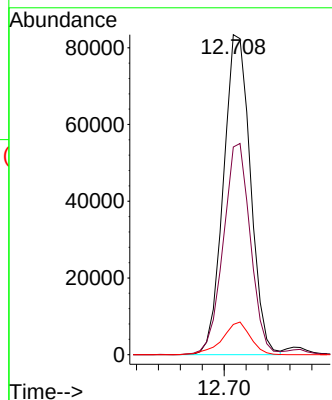
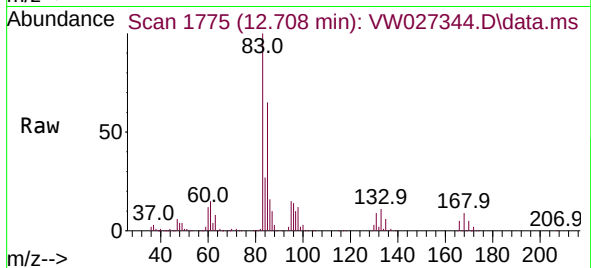
Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	142447
Ion	Ratio	Lower	Upper
83	100		
85	64.9	43.2	80.2
131	9.4	7.2	10.8



#59

Bromoform

Concen: 25.601 ug/L

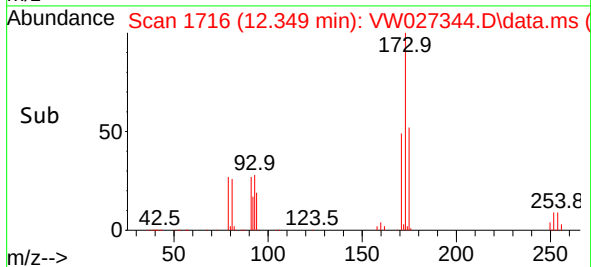
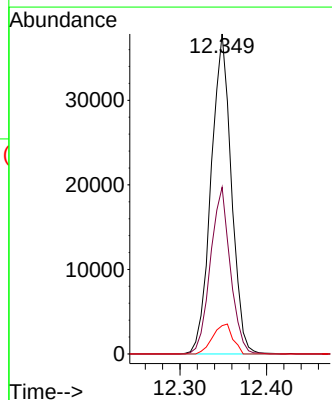
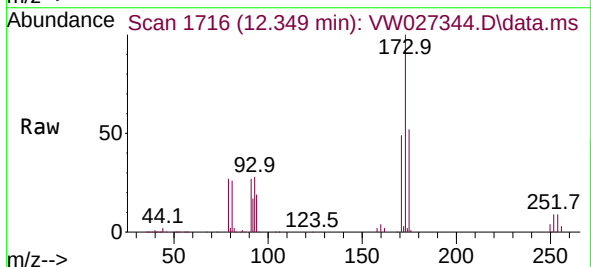
RT: 12.349 min Scan# 1716

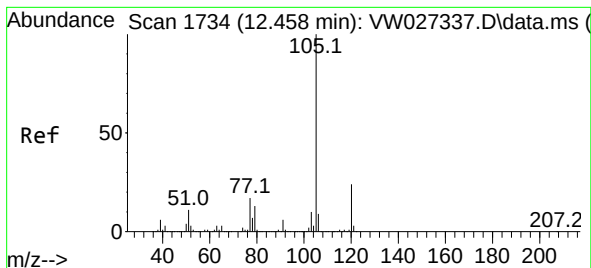
Delta R.T. 0.006 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

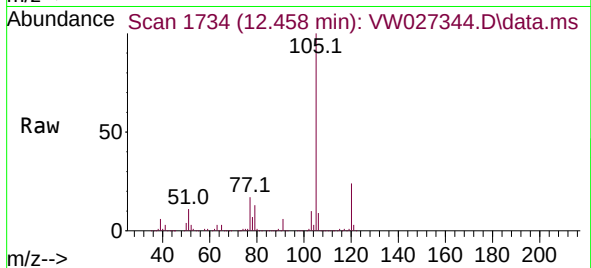
Tgt Ion:	173	Resp:	61507
Ion	Ratio	Lower	Upper
173	100		
175	51.0	39.6	59.4
254	9.2	6.6	10.0



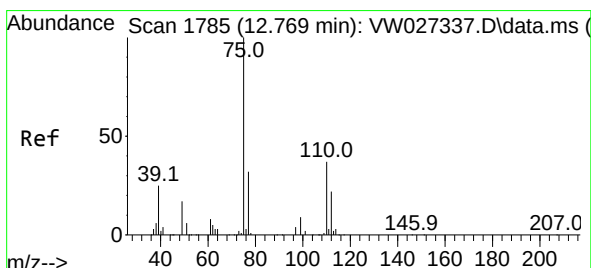
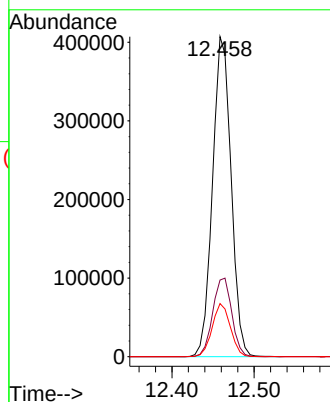
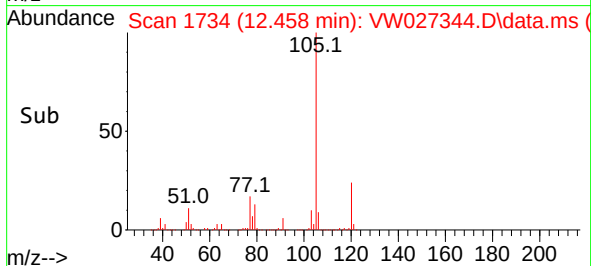


#60
Isopropylbenzene
Concen: 25.182 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

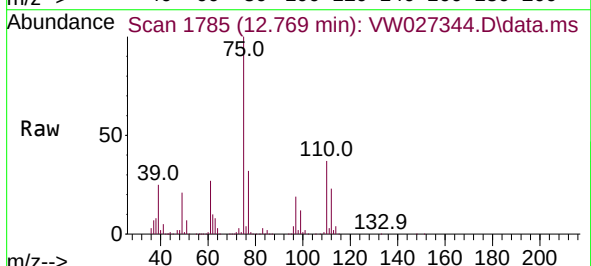
Instrument :
MSVOA_W
ClientSampleId :



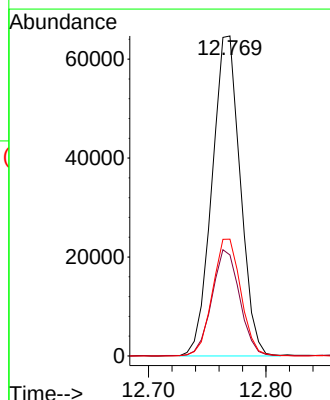
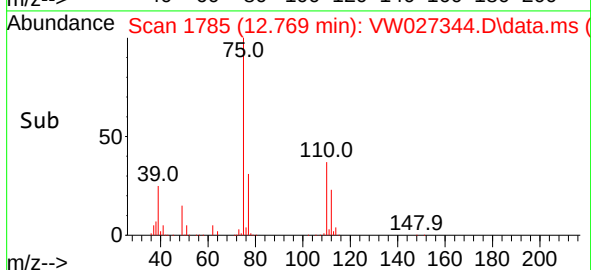
Tgt Ion:105 Resp: 638699
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.3 12.9 19.3

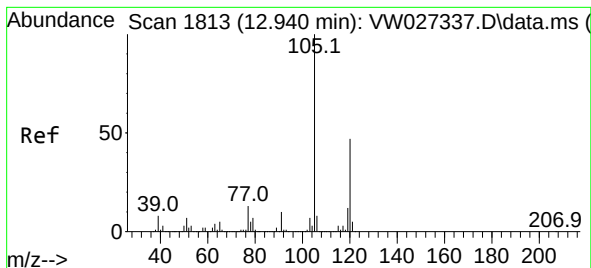


#61
1,2,3-Trichloropropane
Concen: 30.685 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38



Tgt Ion: 75 Resp: 108175
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 36.7 29.7 44.5

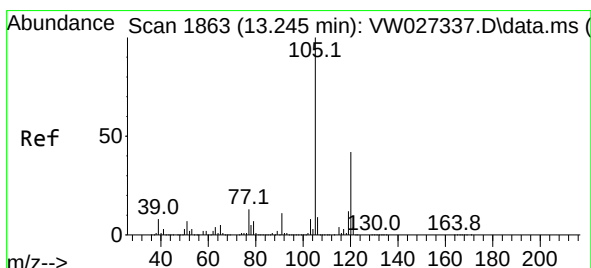
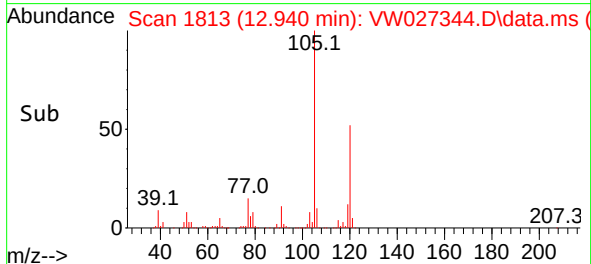
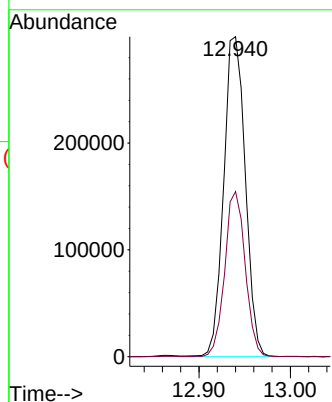
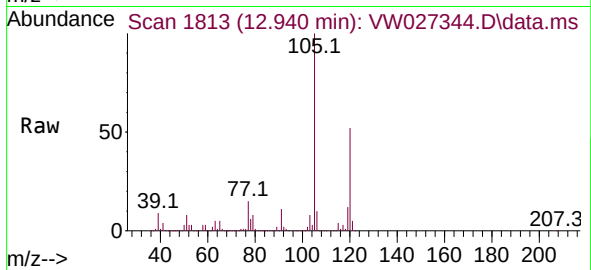




#62
1,3,5-Trimethylbenzene
Concen: 23.304 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

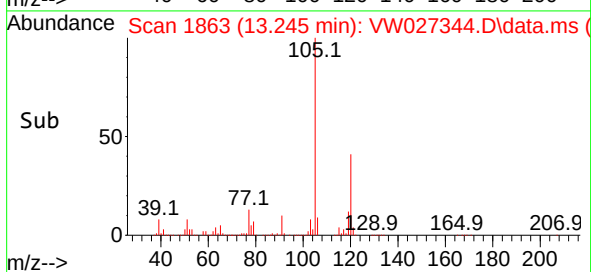
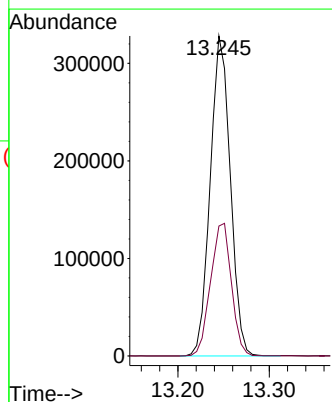
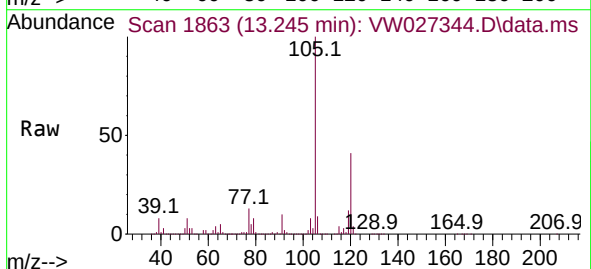
Instrument :
MSVOA_W
ClientSampleId :

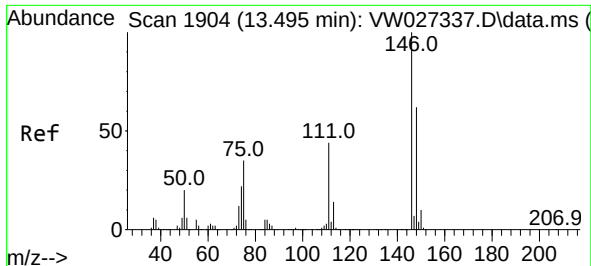
Tgt Ion:105 Resp: 493051
Ion Ratio Lower Upper
105 100
120 48.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.132 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

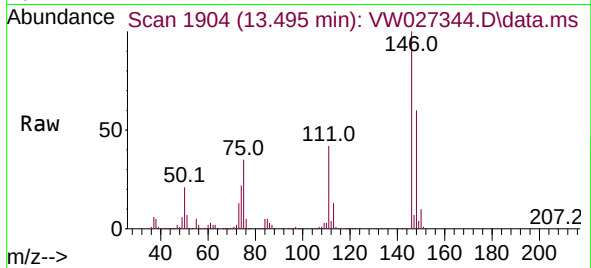
Tgt Ion:105 Resp: 499541
Ion Ratio Lower Upper
105 100
120 43.1 35.4 53.2



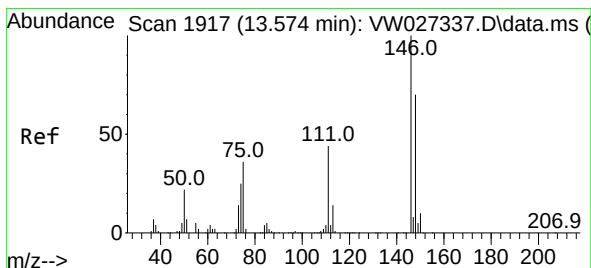
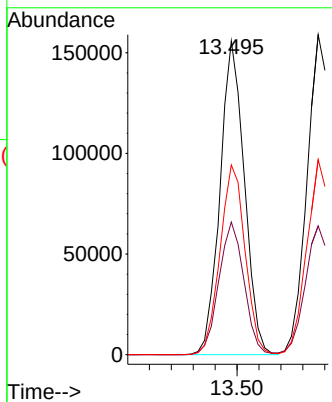
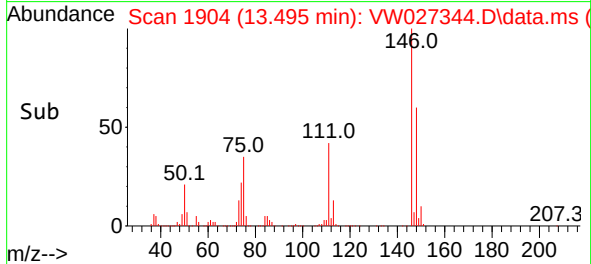


#64
1,3-Dichlorobenzene
Concen: 23.382 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38

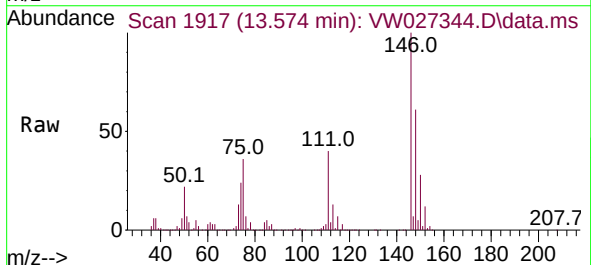
Instrument :
MSVOA_W
ClientSampleId :



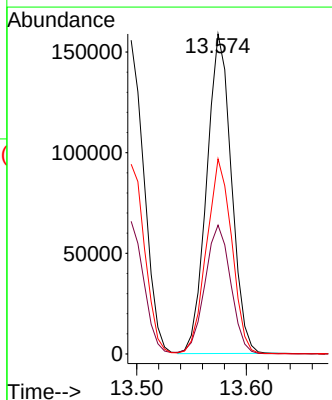
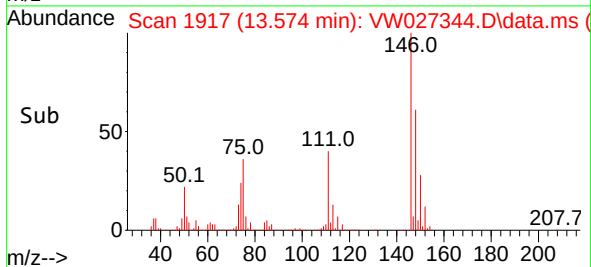
Tgt Ion:146 Resp: 240494
Ion Ratio Lower Upper
146 100
111 42.3 30.8 57.2
148 60.5 46.3 85.9

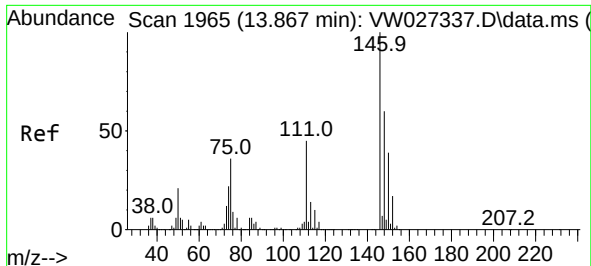


#65
1,4-Dichlorobenzene
Concen: 24.258 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027344.D
Acq: 19 Oct 2023 13:38



Tgt Ion:146 Resp: 249165
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.9
148 61.0 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 23.951 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

ClientSampleId :

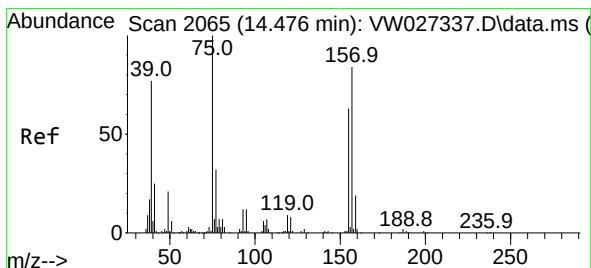
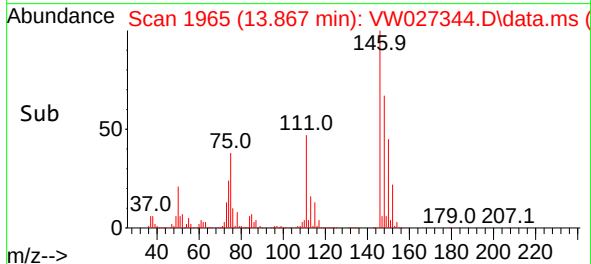
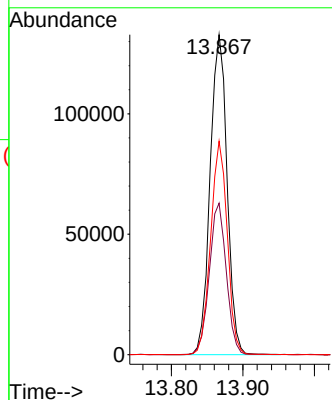
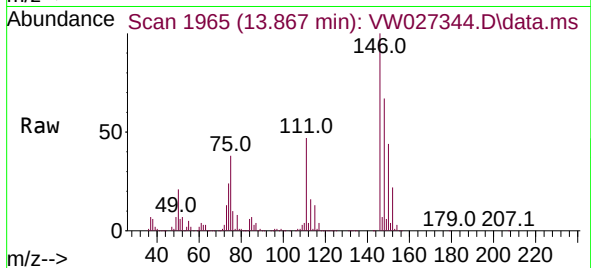
Tgt Ion:146 Resp: 218597

Ion Ratio Lower Upper

146 100

111 47.4 36.8 55.2

148 66.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 27.260 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

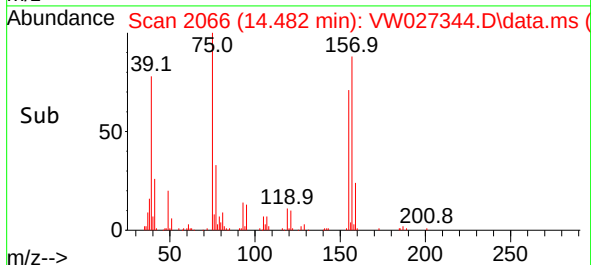
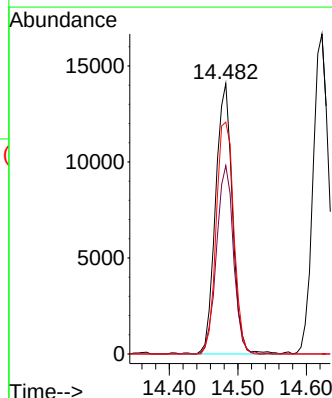
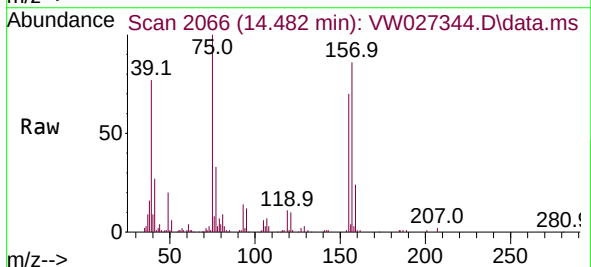
Tgt Ion: 75 Resp: 24018

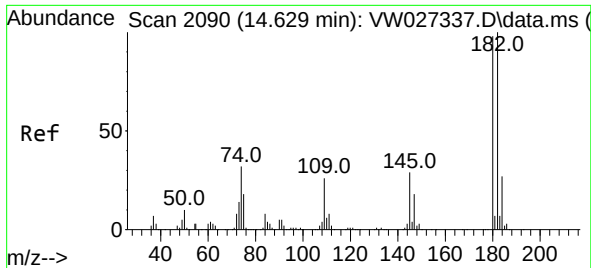
Ion Ratio Lower Upper

75 100

155 69.6 54.9 82.3

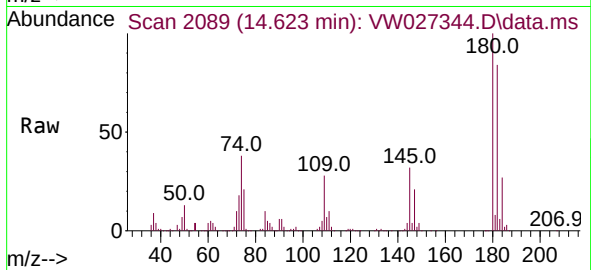
157 85.7 64.7 97.1



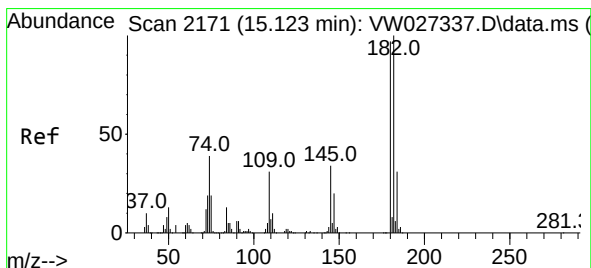
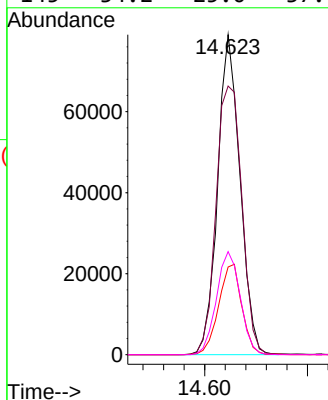
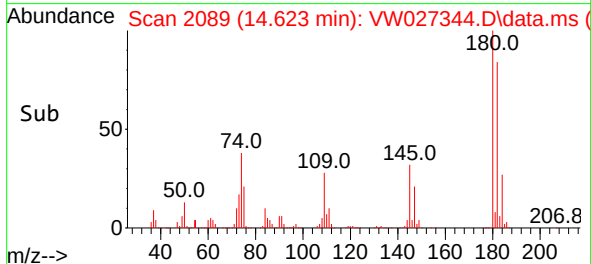


#69
 1,3,5-Trichlorobenzene
 Concen: 17.866 ug/L
 RT: 14.623 min Scan# 2090
 Delta R.T. -0.006 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

Instrument :
 MSVOA_W
 ClientSampleId :

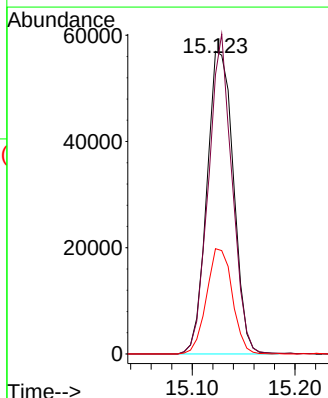
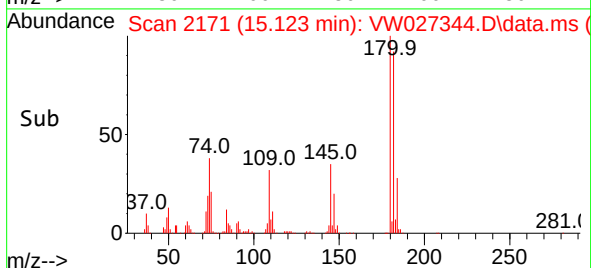
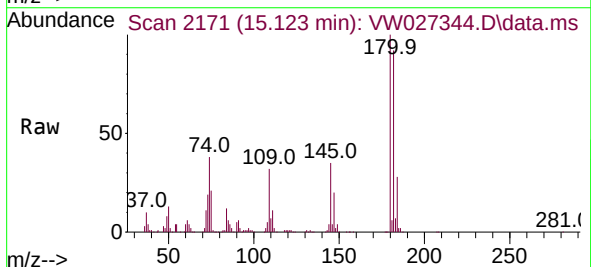


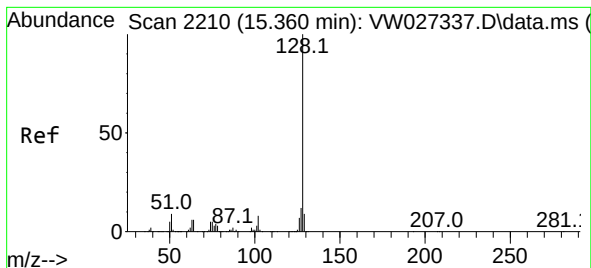
Tgt Ion:180	Resp:	119291
Ion Ratio	Lower	Upper
180	100	
182	97.1	73.4 110.0
184	29.3	23.3 34.9
145	34.2	25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 17.989 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW027344.D
 Acq: 19 Oct 2023 13:38

Tgt Ion:180	Resp:	102233
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.5 113.3
145	33.7	26.4 39.6





#71

Naphthalene

Concen: 25.054 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Instrument :

MSVOA_W

ClientSampleId :

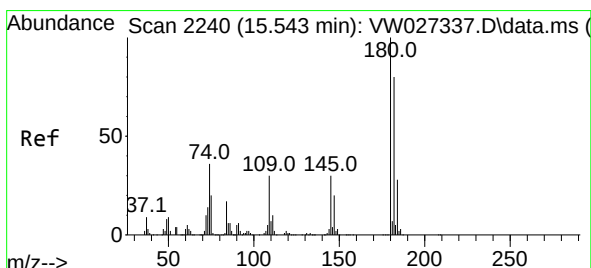
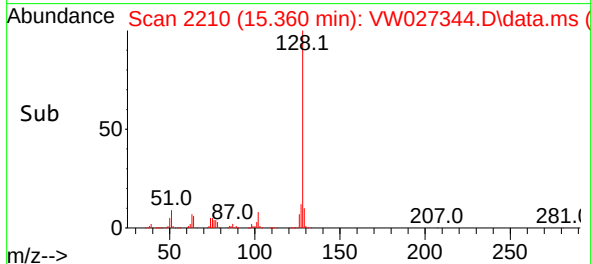
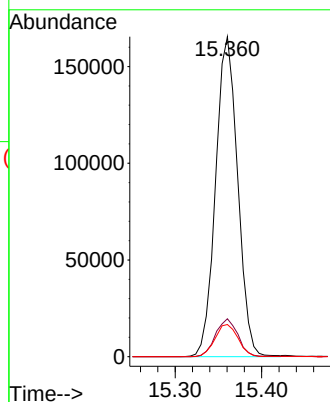
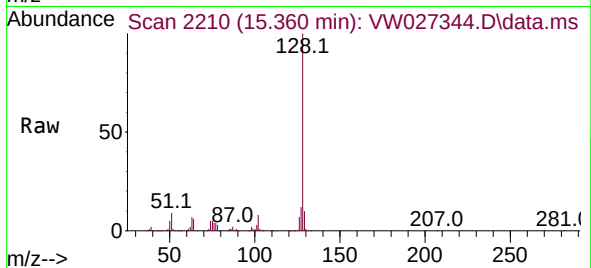
Tgt Ion:128 Resp: 292797

Ion Ratio Lower Upper

128 100

127 12.0 10.0 15.0

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 18.493 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027344.D

Acq: 19 Oct 2023 13:38

Tgt Ion:180 Resp: 86420

Ion Ratio Lower Upper

180 100

182 95.8 81.1 121.7

145 34.8 30.6 45.8

