

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027381.D
 Acq On : 20 Oct 2023 18:34
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 04:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	352671	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179891	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	136842	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.960%
7) Chloroethane-d5	2.899	69	109742	26.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.080%
11) 1,1-Dichloroethene-d2	4.021	65	70622	24.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.800%
21) 2-Butanone-d5	7.081	46	103040	53.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.580%
24) Chloroform-d	7.648	84	306635	27.243	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.960%
26) 1,2-Dichloroethane-d4	8.307	65	167594	27.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.880%
32) Benzene-d6	8.276	84	613665	25.719	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.880%
36) 1,2-Dichloropropane-d6	9.276	67	197422	27.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.360%
41) Toluene-d8	10.325	98	534133	24.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.575	79	78988	23.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.080%
47) 2-Hexanone-d5	10.922	63	80401	53.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152963	28.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	165636	25.408	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	90130	20.059	ug/L	94
3) Chloromethane	2.229	50	132738	25.706	ug/L	98
5) Vinyl chloride	2.381	62	142423	24.692	ug/L	97
6) Bromomethane	2.789	94	80231	24.421	ug/L	99
8) Chloroethane	2.930	64	85348	25.706	ug/L	99
9) Trichlorofluoromethane	3.265	101	107582	26.438	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	123387	24.215	ug/L	97
12) 1,1-Dichloroethene	4.051	96	120286	24.291	ug/L	89
13) Acetone	4.137	43	72361	43.735	ug/L	96
14) Carbon disulfide	4.393	76	336287	21.906	ug/L	99
15) Methyl Acetate	4.673	43	73988	26.182	ug/L	99
16) Methylene chloride	4.923	84	146907	21.252	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	131213	24.655	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	245896	26.780	ug/L	99
19) 1,1-Dichloroethane	6.222	63	286867	26.419	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	154040	25.630	ug/L	96
22) 2-Butanone	7.179	43	105497	42.599	ug/L	99
23) Bromochloromethane	7.520	128	63432	25.564	ug/L	93
25) Chloroform	7.679	83	271693	26.735	ug/L	98

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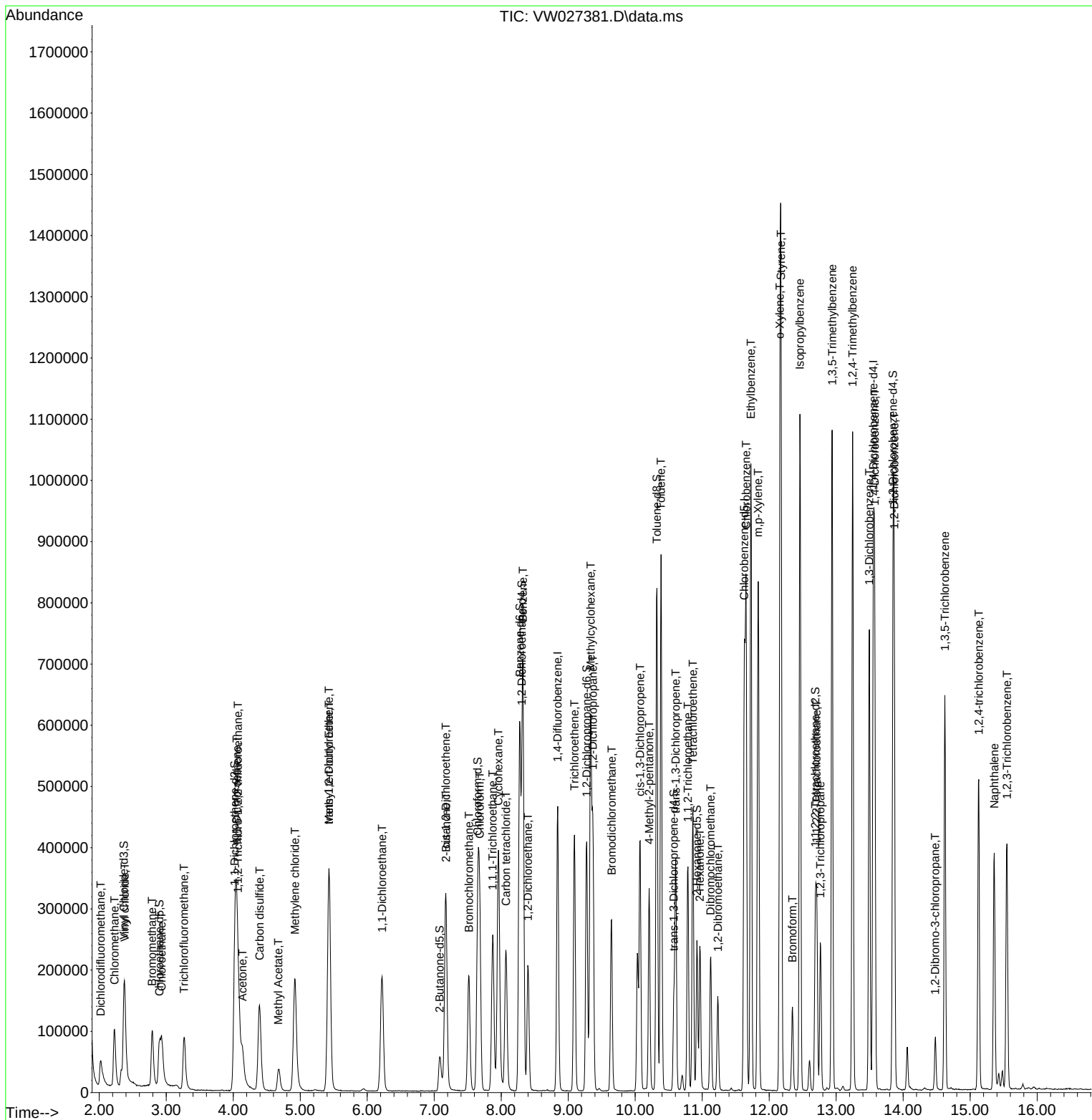
Instrument :
 MSVOA_W
 ClientSampleId :

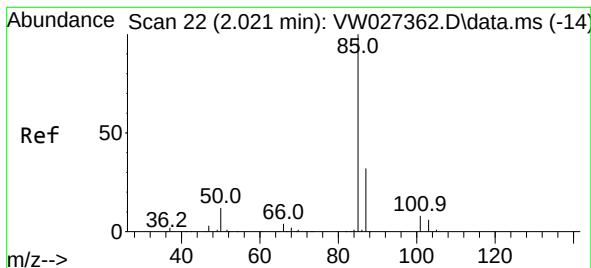
Quant Time: Oct 21 04:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	185684	26.898	ug/L	97
29) Cyclohexane	7.959	56	244992	22.879	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	210721	24.495	ug/L	99
31) Carbon tetrachloride	8.069	117	178727	23.041	ug/L	98
33) Benzene	8.325	78	582896	25.290	ug/L	100
34) Trichloroethene	9.093	95	150804	24.770	ug/L	95
35) Methylcyclohexane	9.337	83	249213	22.890	ug/L	98
37) 1,2-Dichloropropane	9.367	63	163843	26.291	ug/L	99
38) Bromodichloromethane	9.648	83	192634	25.138	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	248601	24.149	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	225895	52.708	ug/L	99
42) Toluene	10.386	91	615906	25.473	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	207634	23.904	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	114908	26.795	ug/L	98
46) Tetrachloroethene	10.861	164	99673	23.710	ug/L	88
48) 2-Hexanone	10.965	43	158158	49.859	ug/L	98
49) Dibromochloromethane	11.123	129	111816	23.478	ug/L	95
50) 1,2-Dibromoethane	11.233	107	105999	25.494	ug/L	94
51) Chlorobenzene	11.654	112	383039	25.299	ug/L	97
52) Ethylbenzene	11.727	91	701922	24.982	ug/L	97
53) m,p-Xylene	11.837	106	254744	23.904	ug/L	94
54) o-Xylene	12.160	106	250573	24.554	ug/L	99
55) Styrene	12.178	104	441672	25.342	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	137835	26.329	ug/L	97
59) Bromoform	12.349	173	57219	21.376	ug/L	96
60) Isopropylbenzene	12.458	105	699929	24.768	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	103987	26.474	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	574837	24.386	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	560636	24.308	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	288626	25.186	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	280301	24.492	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	247201	24.309	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	21743	22.149	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	178157	23.948	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	146135	23.079	ug/L	96
71) Naphthalene	15.360	128	319543	24.540	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121319	23.301	ug/L	98

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

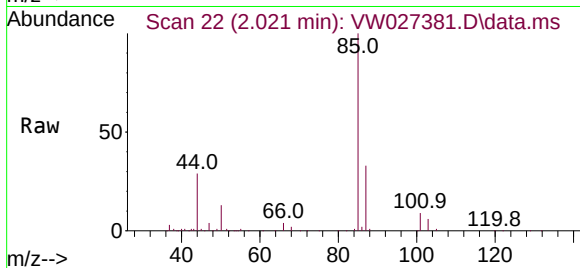
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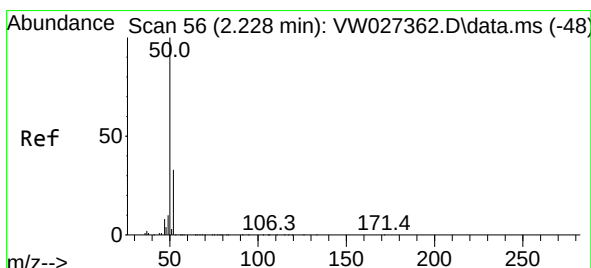
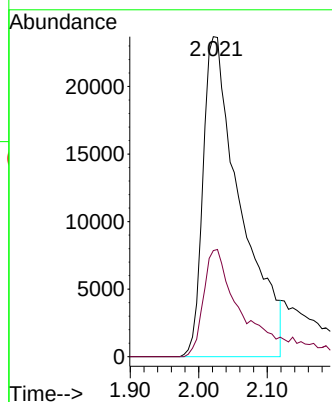
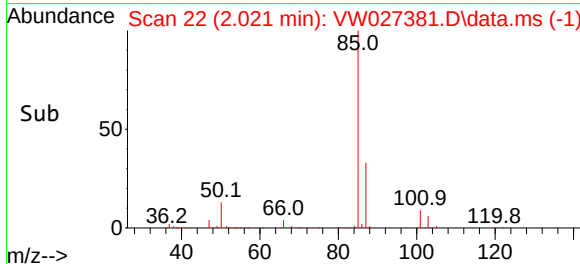


#2
 Dichlorodifluoromethane
 Concen: 20.059 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

Instrument :
 MSVOA_W
 ClientSampleId :

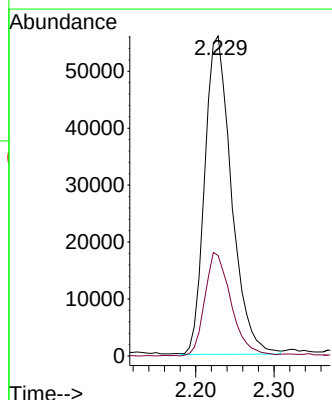
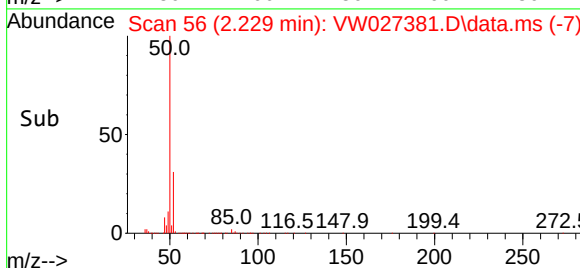
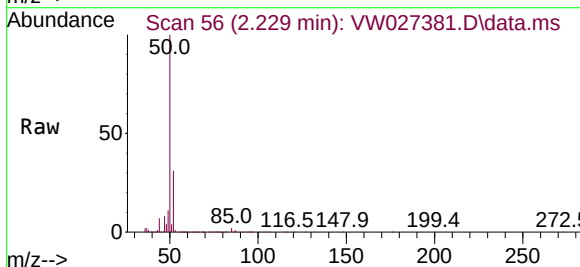


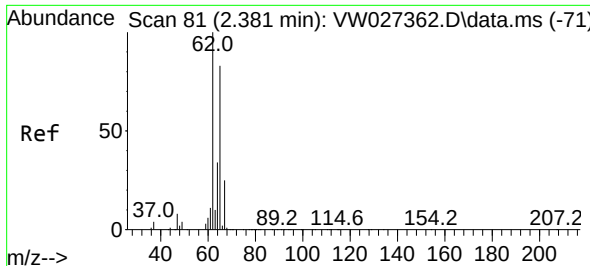
Tgt Ion: 85 Resp: 90130
 Ion Ratio Lower Upper
 85 100
 87 26.0 18.3 27.5



#3
 Chloromethane
 Concen: 25.706 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

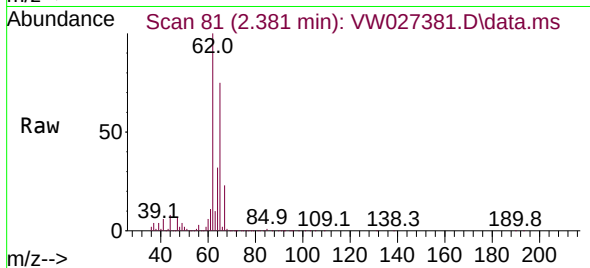
Tgt Ion: 50 Resp: 132738
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.7 42.3



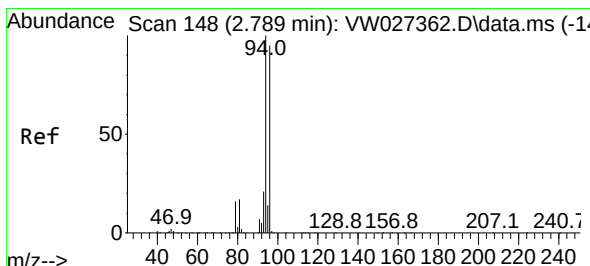
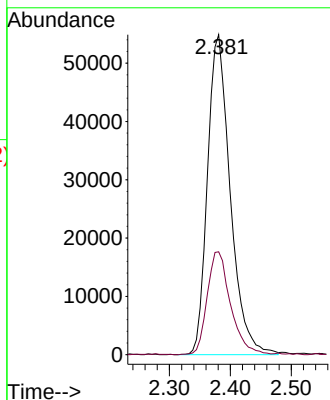
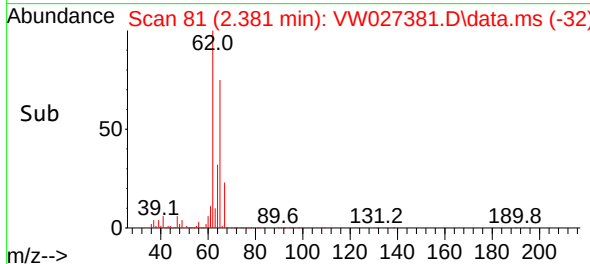


#5
 Vinyl chloride
 Concen: 24.692 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

Instrument :
 MSVOA_W
 ClientSampleId :

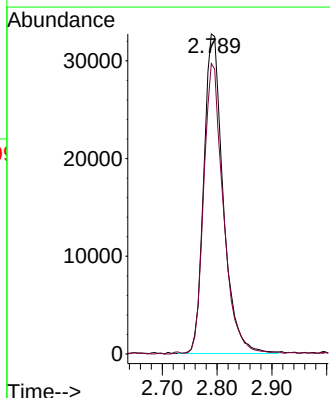
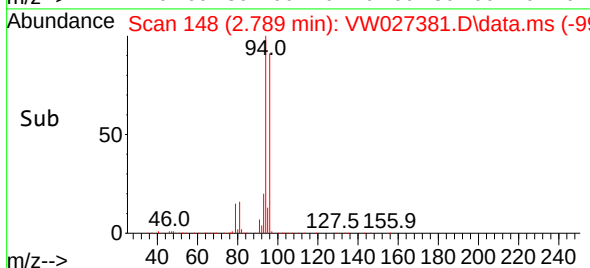
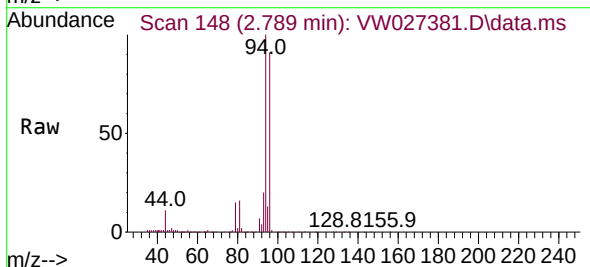


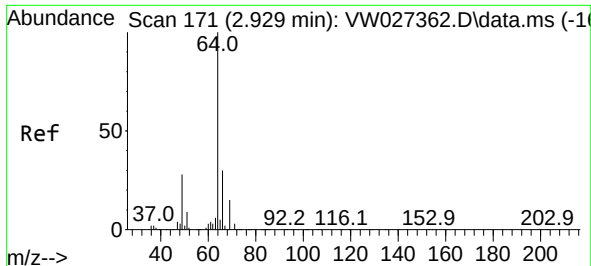
Tgt Ion: 62 Resp: 142423
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.8 44.2



#6
 Bromomethane
 Concen: 24.421 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

Tgt Ion: 94 Resp: 80231
 Ion Ratio Lower Upper
 94 100
 96 90.7 62.9 116.9

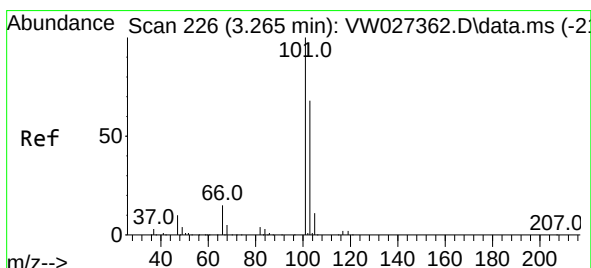
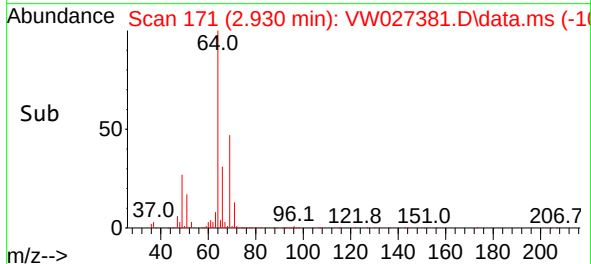
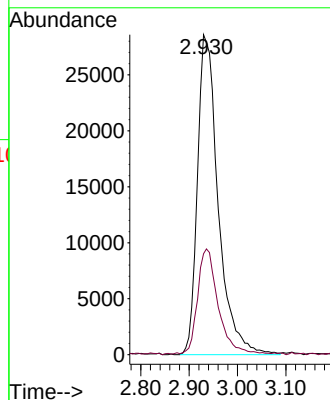
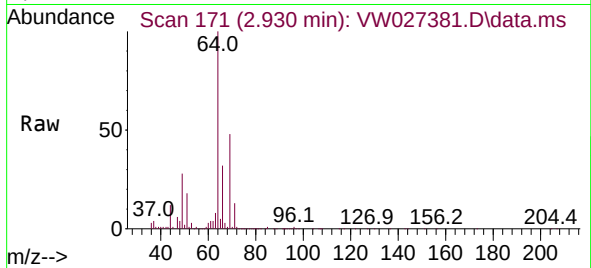




#8
Chloroethane
Concen: 25.706 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

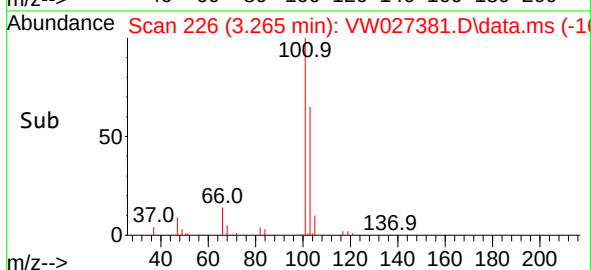
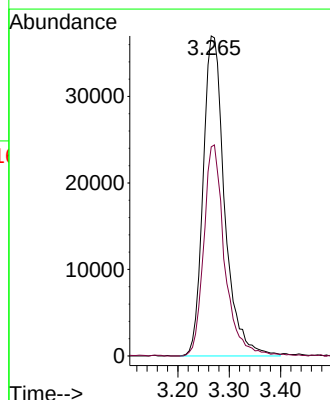
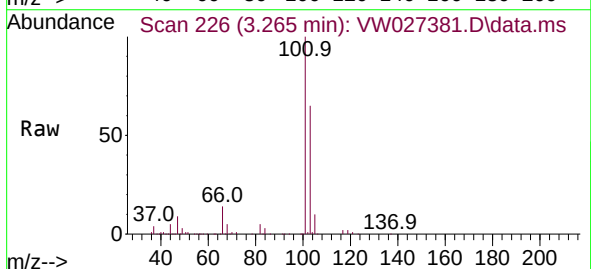
Instrument :
MSVOA_W
ClientSampleId :

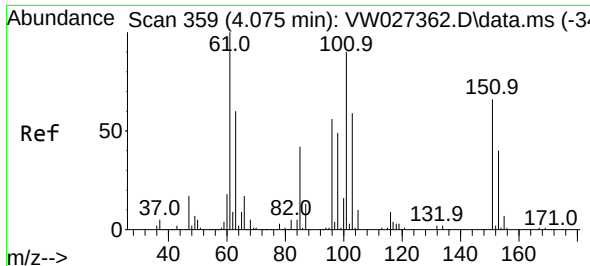
Tgt Ion: 64 Resp: 85348
Ion Ratio Lower Upper
64 100
66 31.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.438 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 101 Resp: 107582
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

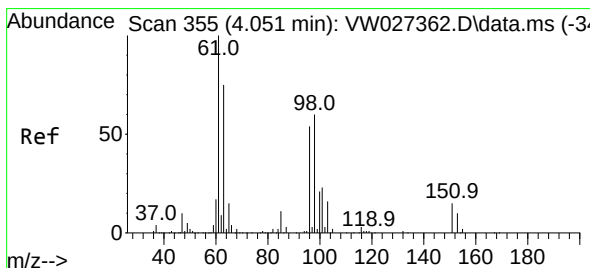
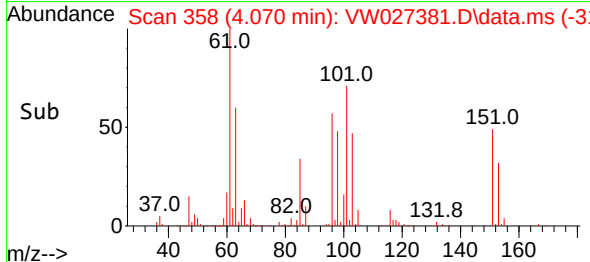
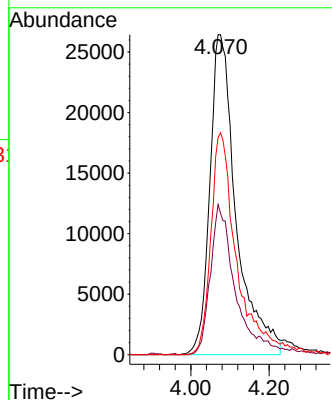
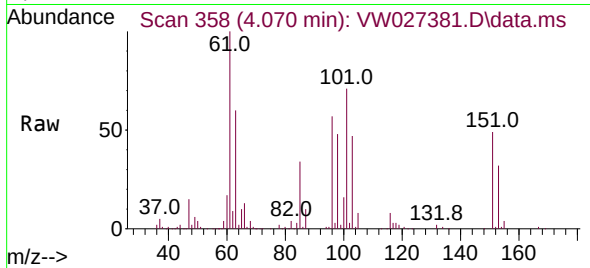




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.215 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

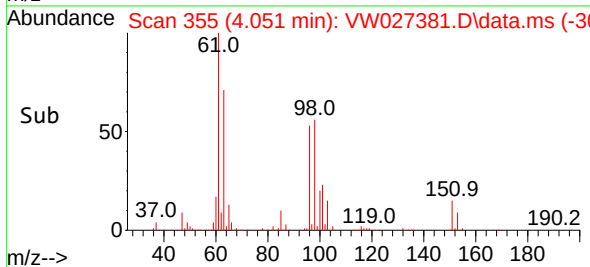
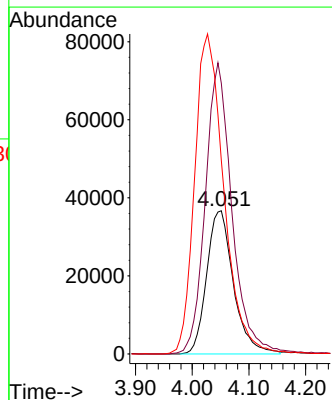
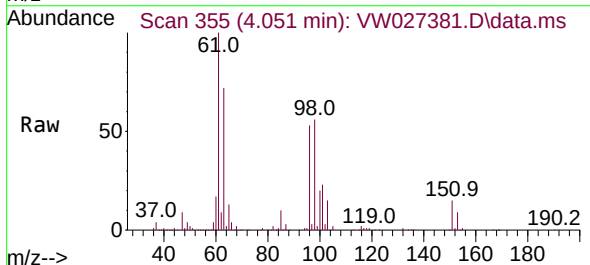
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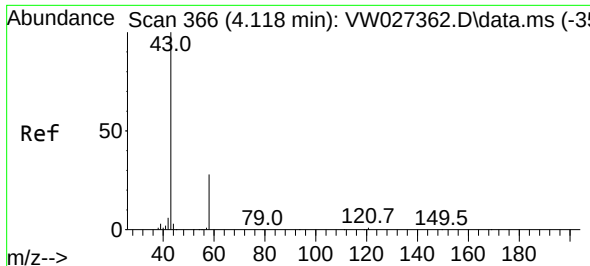
Tgt Ion:101 Resp: 123387
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.1 51.1
 151 58.6 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 24.291 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

Tgt Ion: 96 Resp: 120286
 Ion Ratio Lower Upper
 96 100
 61 189.1 133.3 247.5
 63 135.2 115.8 215.2





#13

Acetone

Concen: 43.735 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.019 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

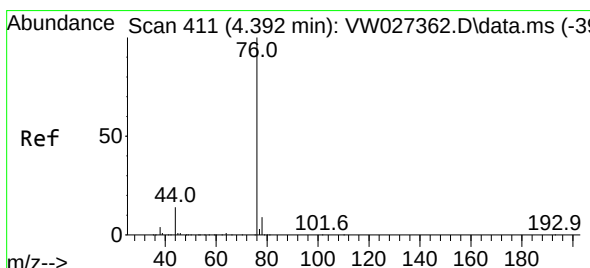
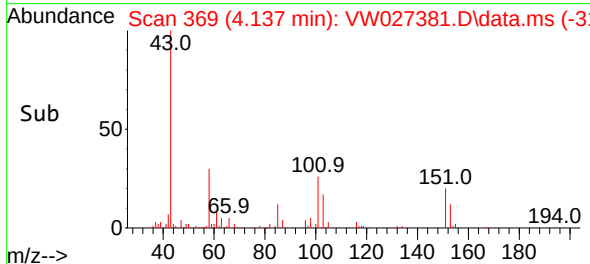
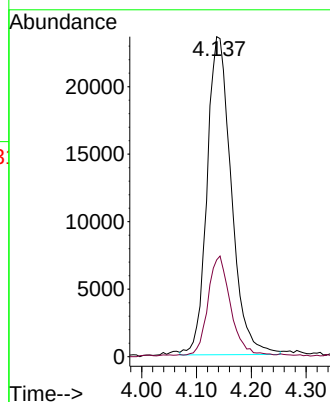
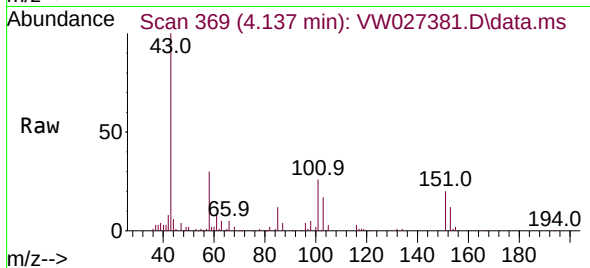
ClientSampleId :

Tgt Ion: 43 Resp: 72361

Ion Ratio Lower Upper

43 100

58 28.3 0.0 60.8



#14

Carbon disulfide

Concen: 21.906 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027381.D

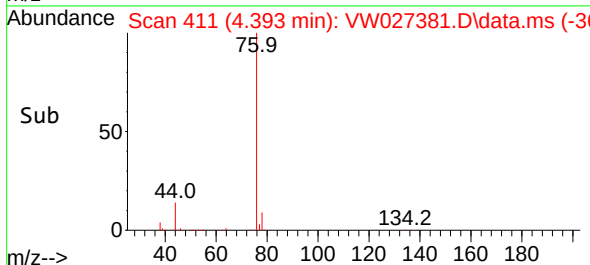
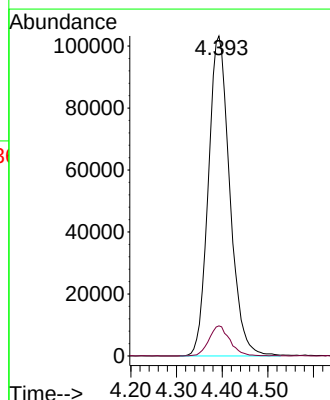
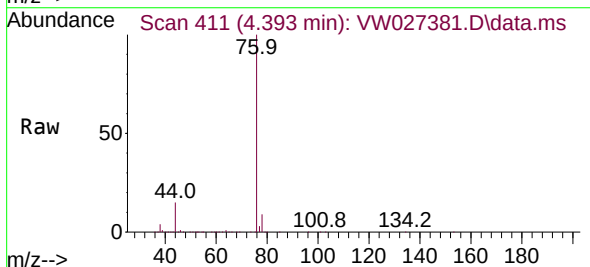
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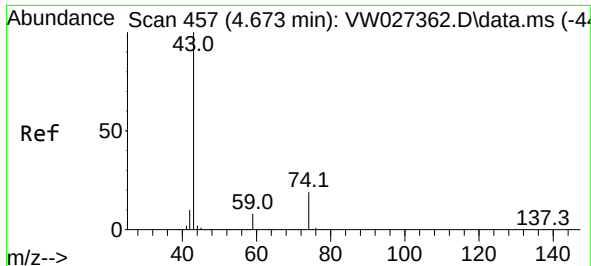
Tgt Ion: 76 Resp: 336287

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

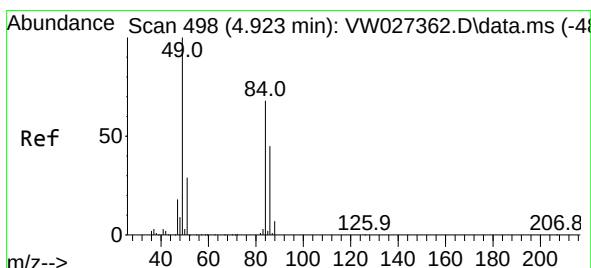
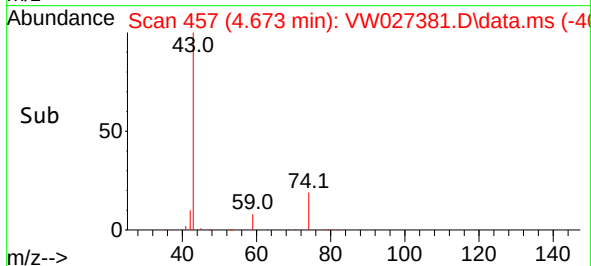
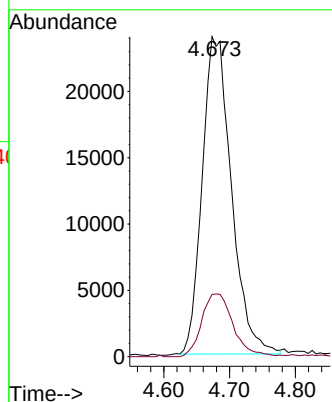
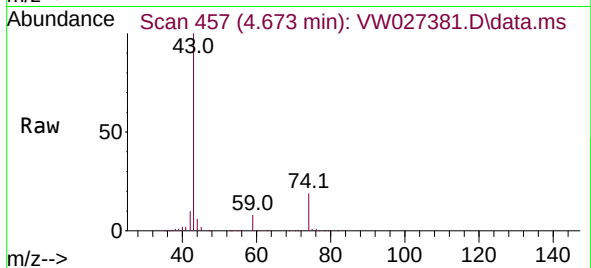




#15
Methyl Acetate
Concen: 26.182 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

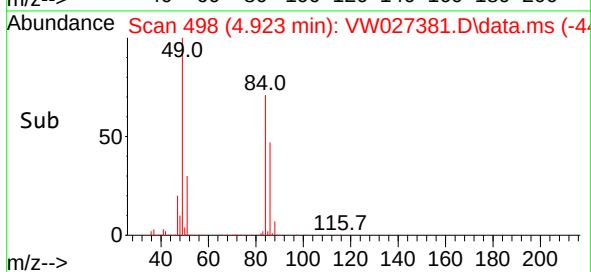
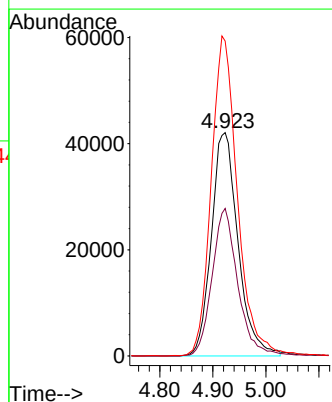
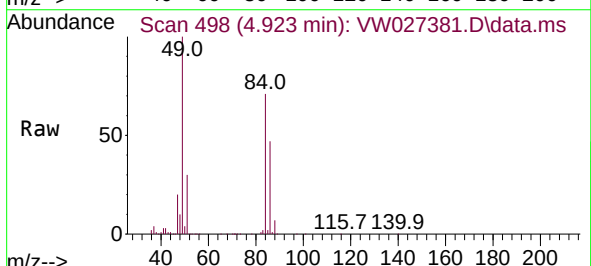
Instrument :
MSVOA_W
ClientSampleId :

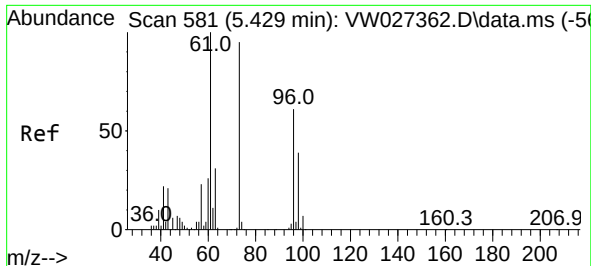
Tgt Ion: 43 Resp: 73988
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3



#16
Methylene chloride
Concen: 21.252 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

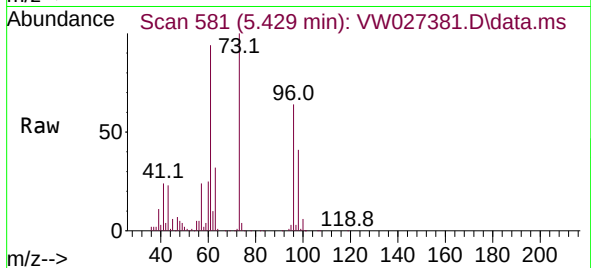
Tgt Ion: 84 Resp: 146907
Ion Ratio Lower Upper
84 100
86 66.0 41.3 76.7
49 141.0 92.8 172.4





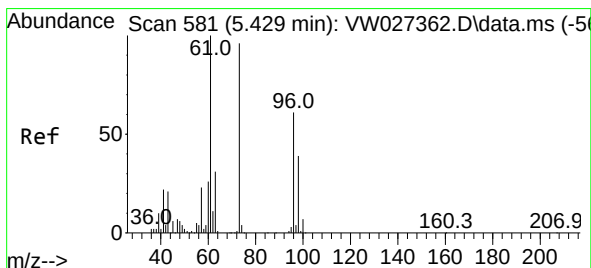
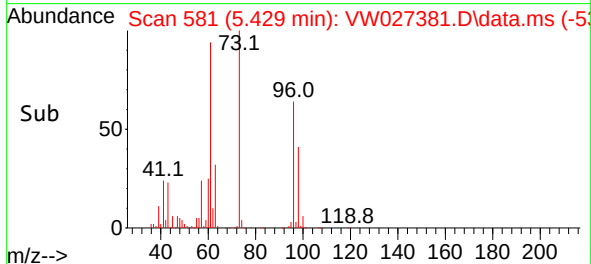
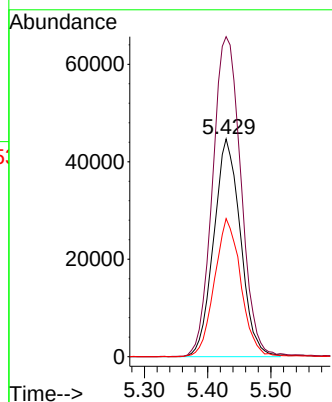
#17
 trans-1,2-Dichloroethene
 Concen: 24.655 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 131213

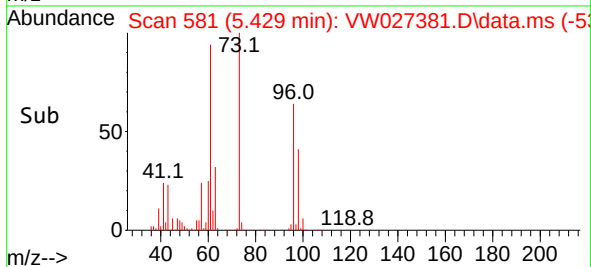
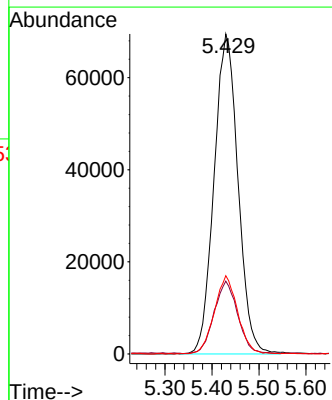
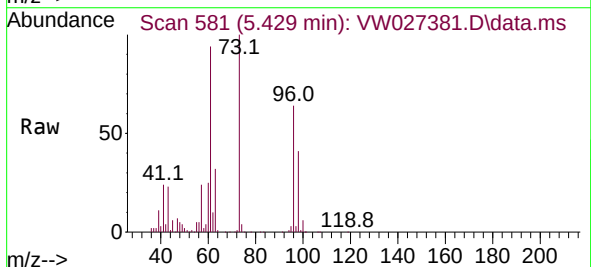
Ion	Ratio	Lower	Upper
96	100		
61	147.0	105.6	196.0
98	63.4	45.0	83.6

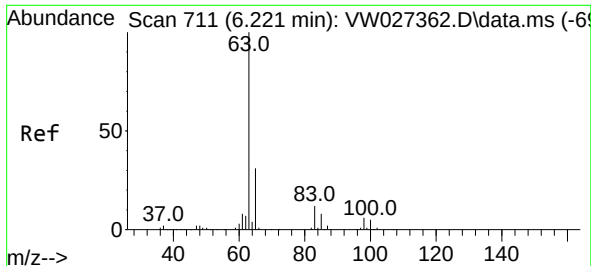


#18
 Methyl tert-butyl Ether
 Concen: 26.780 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW027381.D
 Acq: 20 Oct 2023 18:34

Tgt Ion: 73 Resp: 245896

Ion	Ratio	Lower	Upper
73	100		
43	22.3	17.7	26.5
57	23.7	18.5	27.7





#19

1,1-Dichloroethane

Concen: 26.419 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :

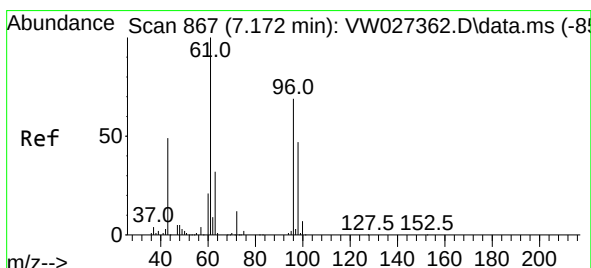
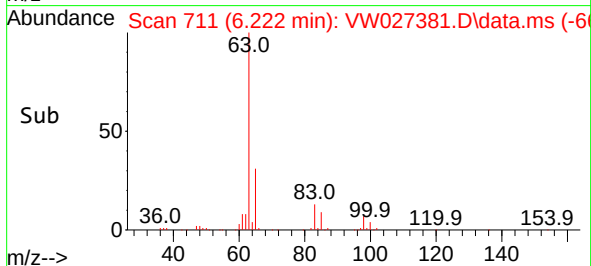
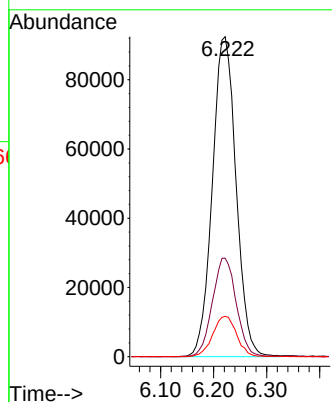
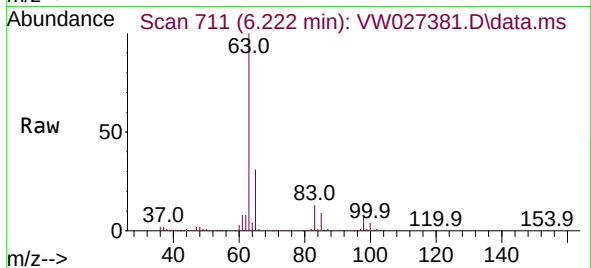
Tgt Ion: 63 Resp: 286867

Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 12.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.630 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

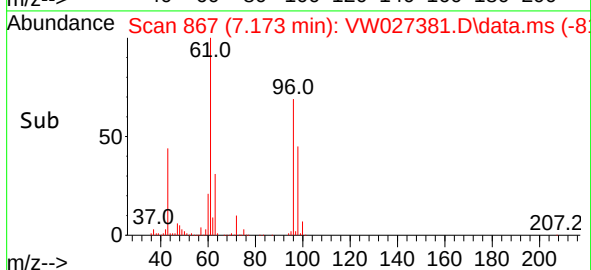
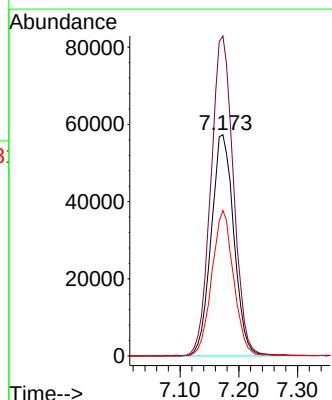
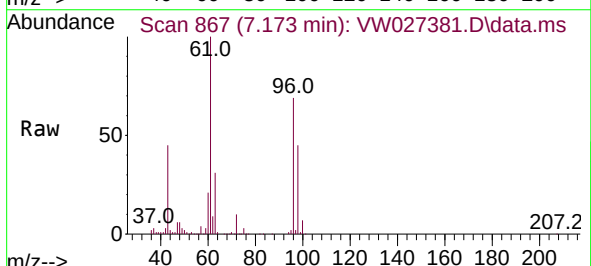
Tgt Ion: 96 Resp: 154040

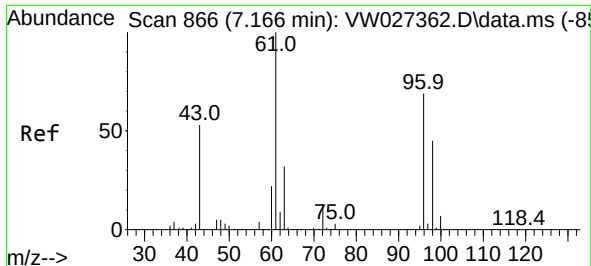
Ion Ratio Lower Upper

96 100

61 144.6 96.2 178.8

98 65.7 46.0 85.4

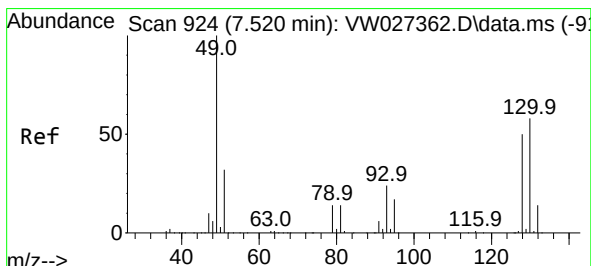
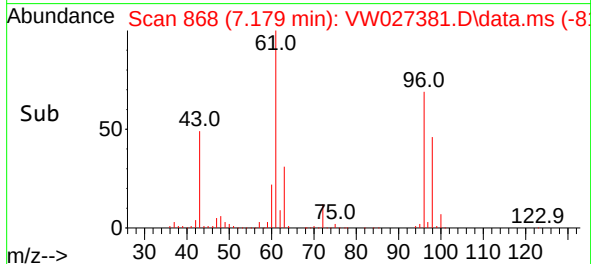
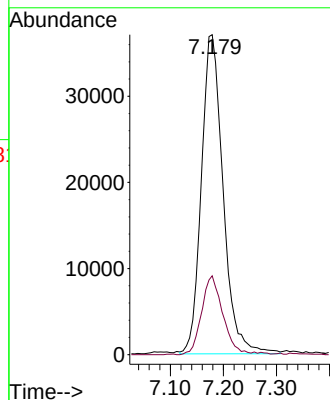
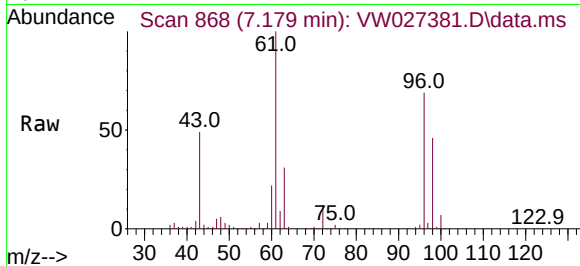




#22
2-Butanone
Concen: 42.599 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.013 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

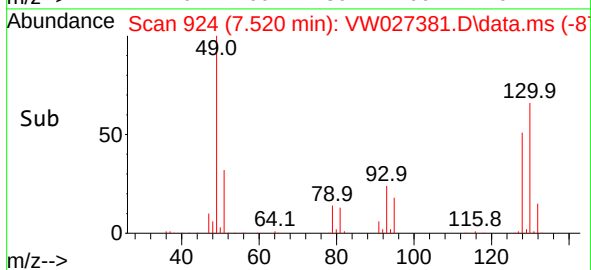
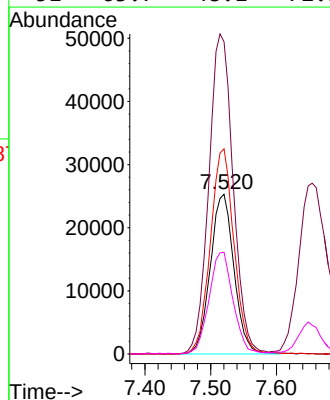
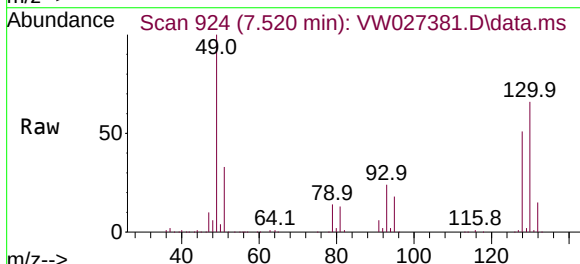
Instrument :
MSVOA_W
ClientSampleId :

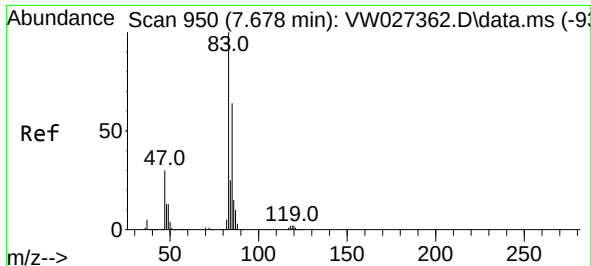
Tgt Ion: 43 Resp: 105497
Ion Ratio Lower Upper
43 100
72 23.9 12.3 36.8



#23
Bromochloromethane
Concen: 25.564 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 128 Resp: 63432
Ion Ratio Lower Upper
128 100
49 195.4 128.9 239.5
130 128.5 85.0 157.8
51 63.7 48.1 72.1

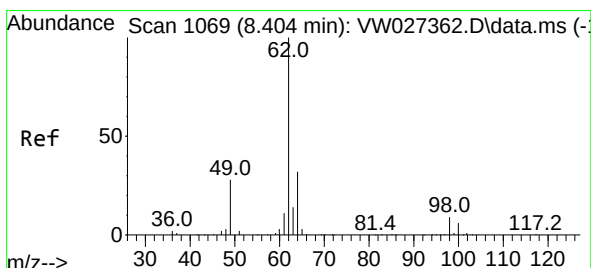
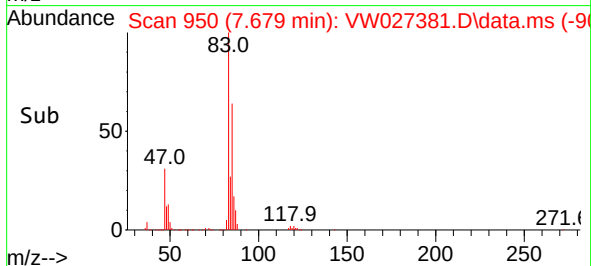
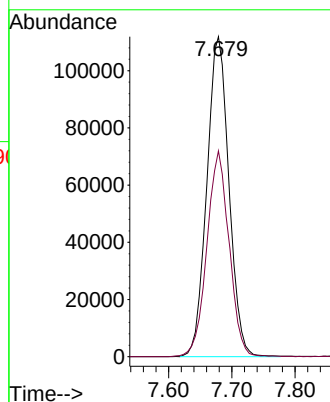
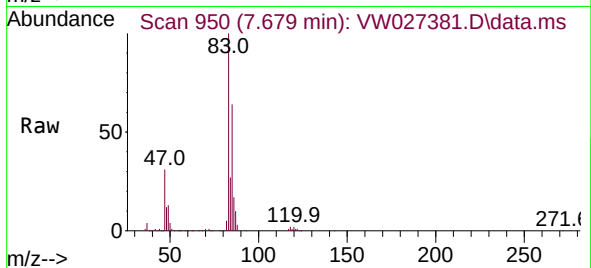




#25
Chloroform
Concen: 26.735 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

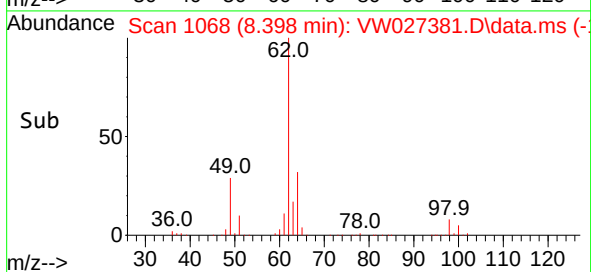
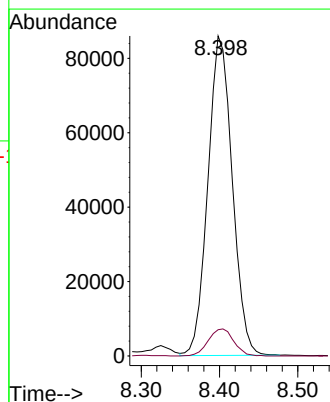
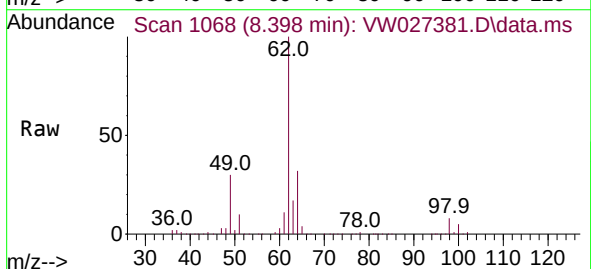
Instrument :
MSVOA_W
ClientSampleId :

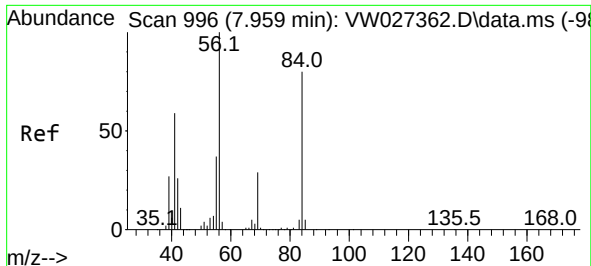
Tgt Ion: 83 Resp: 271693
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.898 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 62 Resp: 185684
Ion Ratio Lower Upper
62 100
98 8.2 7.5 11.3





#29

Cyclohexane

Concen: 22.879 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

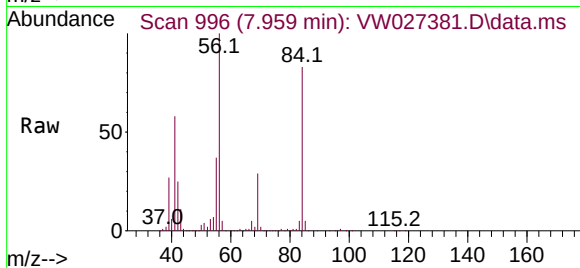
Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :



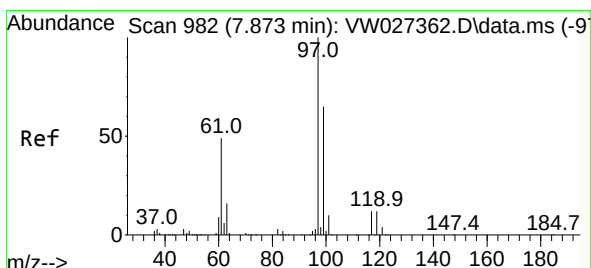
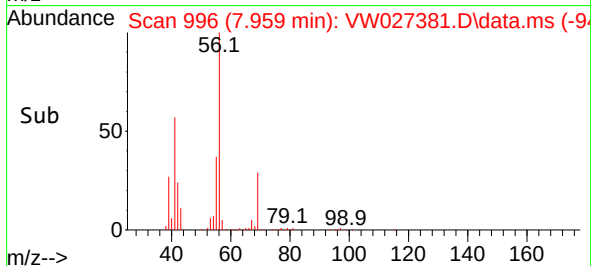
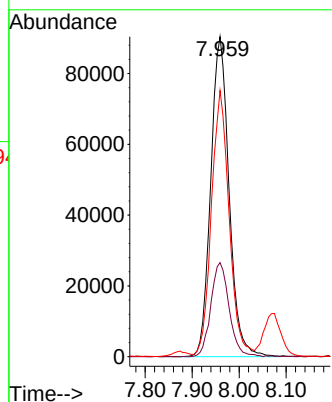
Tgt Ion: 56 Resp: 244992

Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.4

84 80.3 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 24.495 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

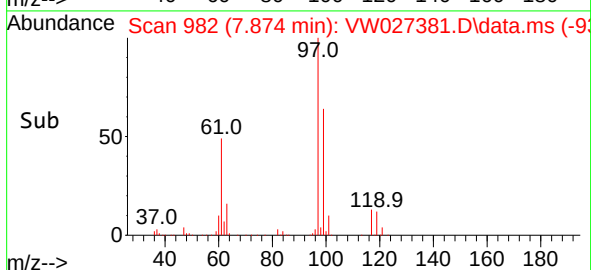
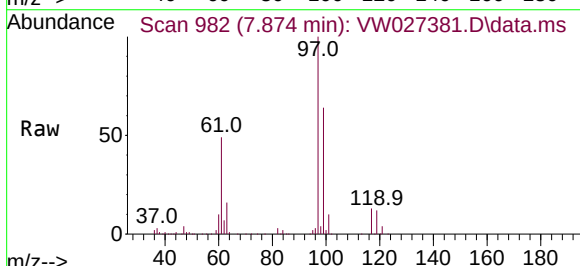
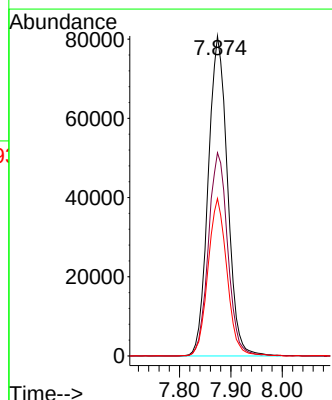
Tgt Ion: 97 Resp: 210721

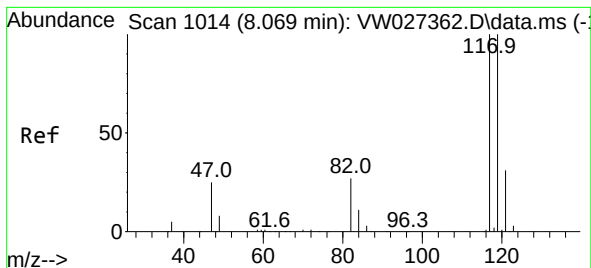
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 48.1 37.4 56.0

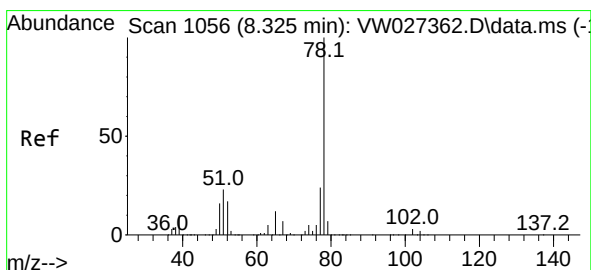
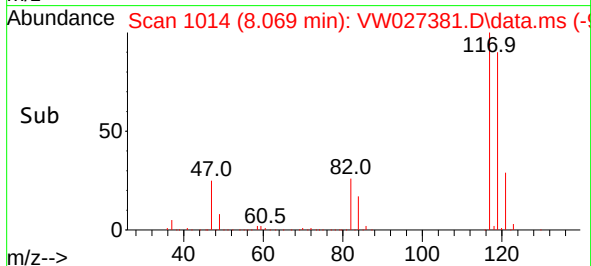
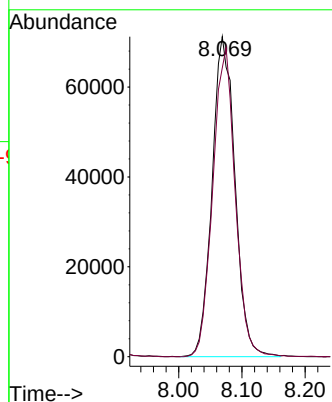
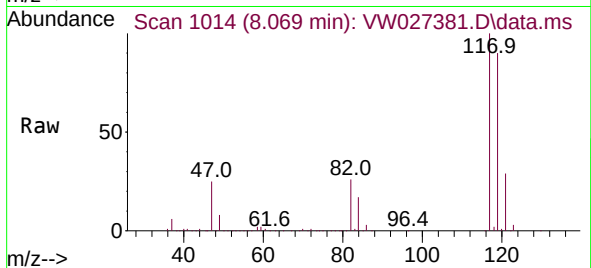




#31
Carbon tetrachloride
Concen: 23.041 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

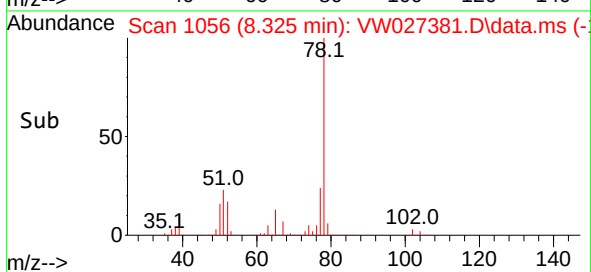
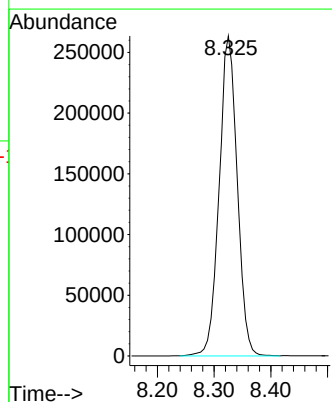
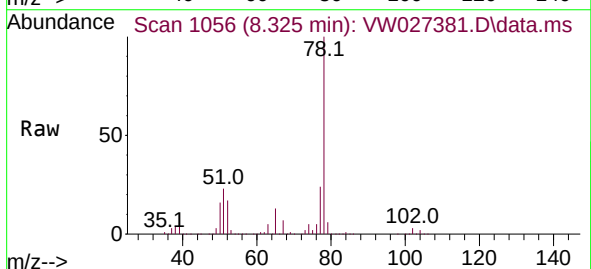
Instrument :
MSVOA_W
ClientSampleId :

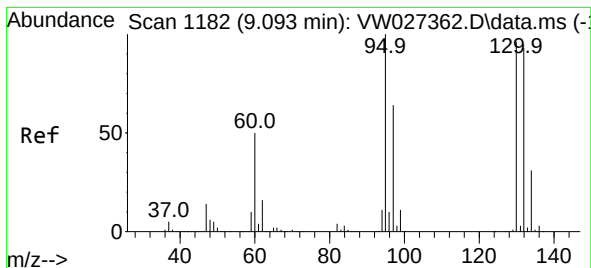
Tgt Ion:117 Resp: 178727
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7



#33
Benzene
Concen: 25.290 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 78 Resp: 582896





#34

Trichloroethene

Concen: 24.770 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 150804

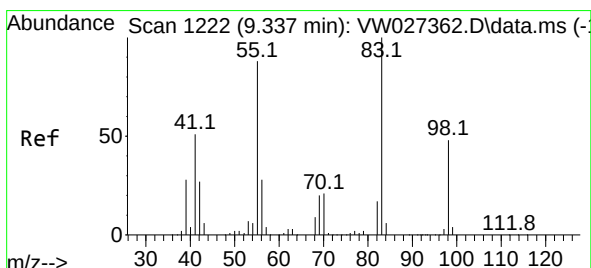
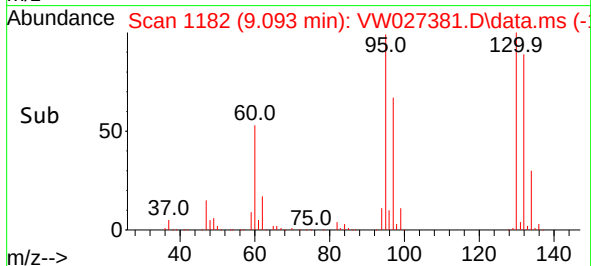
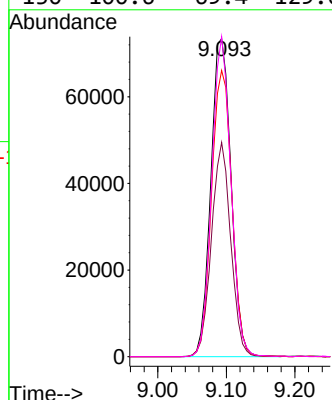
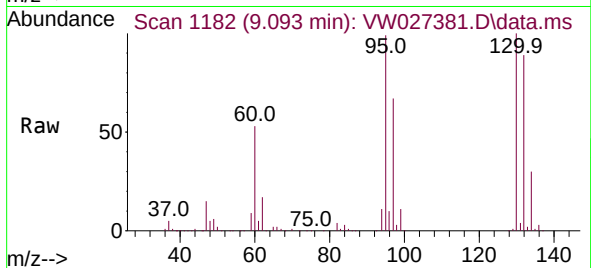
Ion Ratio Lower Upper

95 100

97 67.4 43.4 80.6

132 90.0 67.6 125.6

130 100.6 69.4 129.0



#35

Methylcyclohexane

Concen: 22.890 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

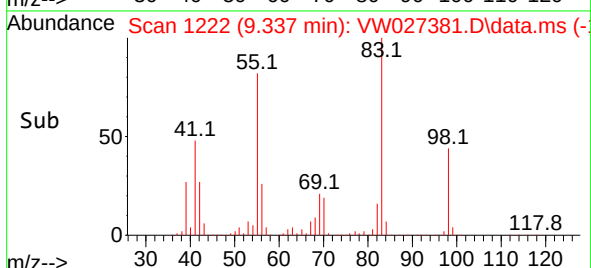
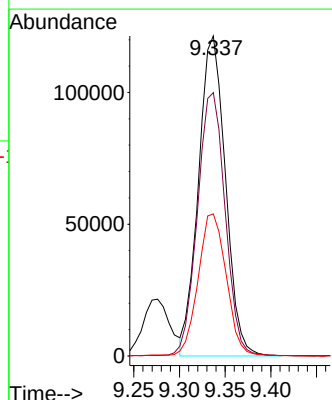
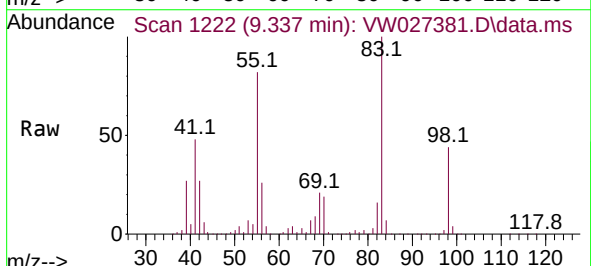
Tgt Ion: 83 Resp: 249213

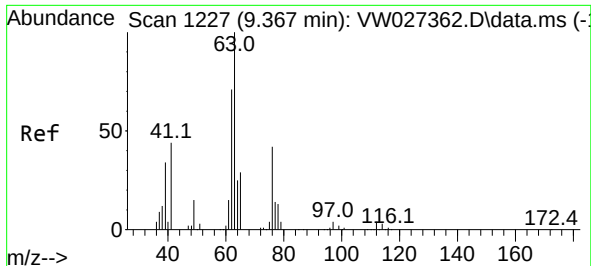
Ion Ratio Lower Upper

83 100

55 84.4 65.8 98.8

98 46.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.291 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

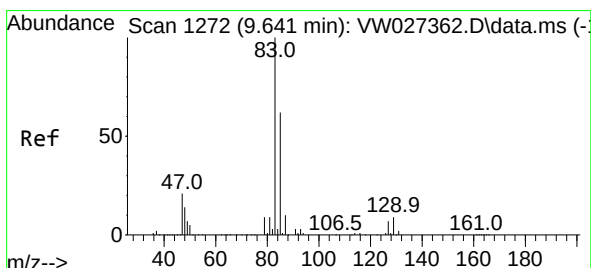
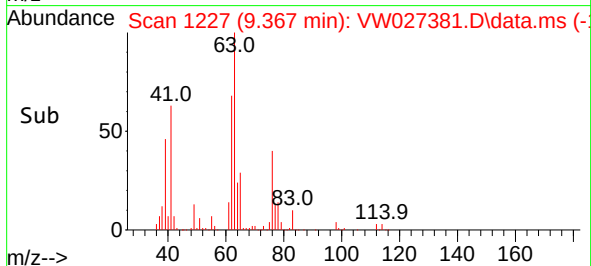
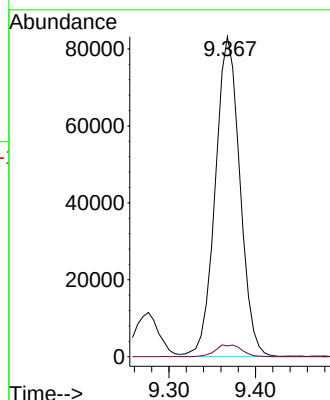
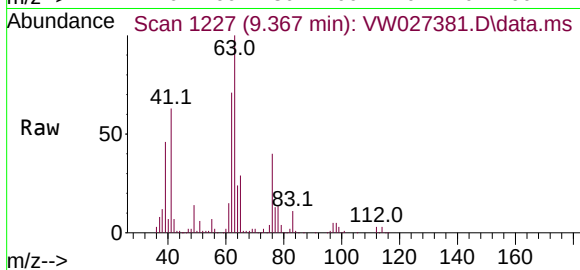
ClientSampleId :

Tgt Ion: 63 Resp: 163843

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 25.138 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

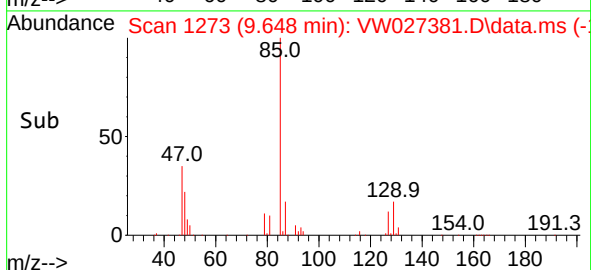
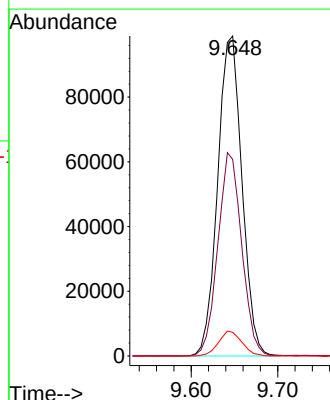
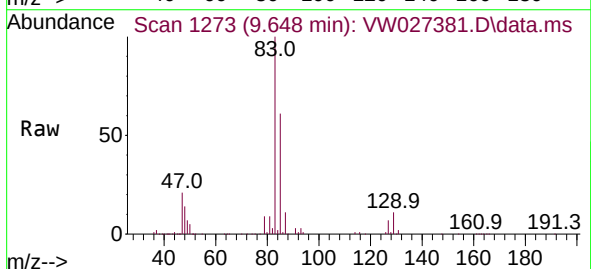
Tgt Ion: 83 Resp: 192634

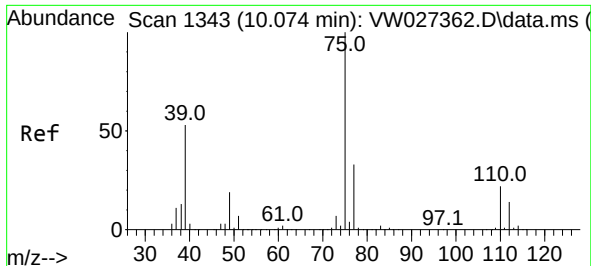
Ion Ratio Lower Upper

83 100

85 61.4 43.9 81.5

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.149 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

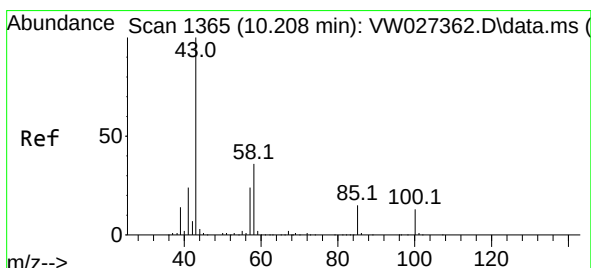
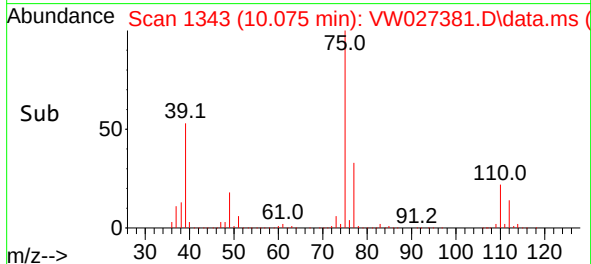
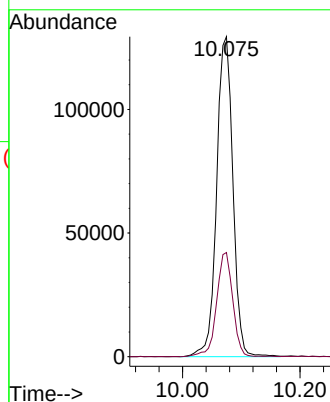
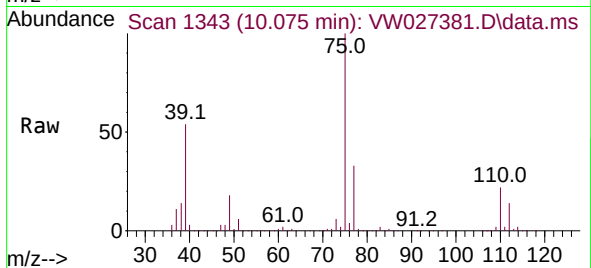
ClientSampleId :

Tgt Ion: 75 Resp: 248601

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 52.708 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

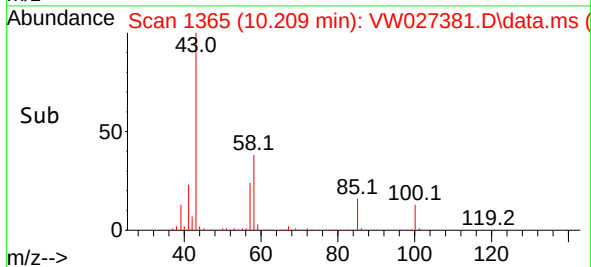
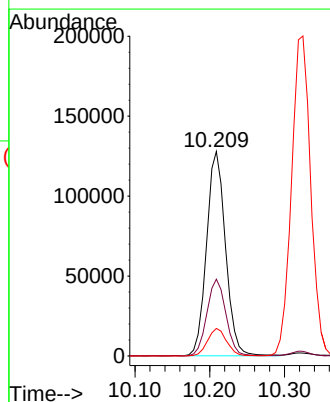
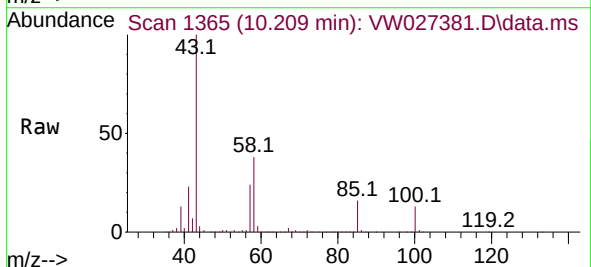
Tgt Ion: 43 Resp: 225895

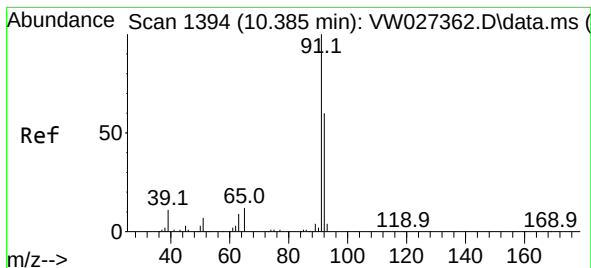
Ion Ratio Lower Upper

43 100

58 37.7 30.5 45.7

100 13.5 11.5 17.3





#42

Toluene

Concen: 25.473 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

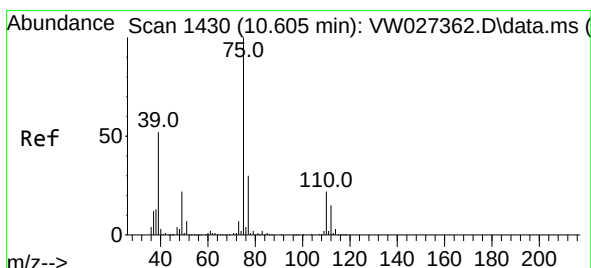
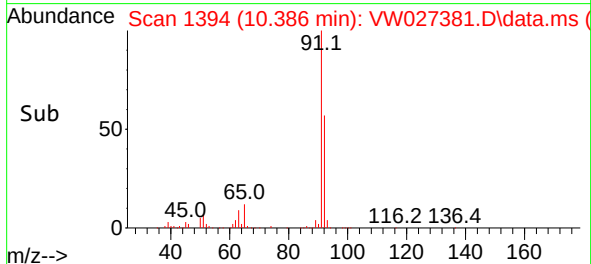
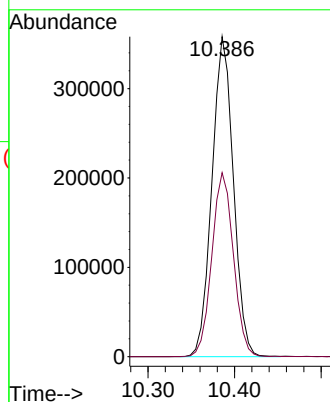
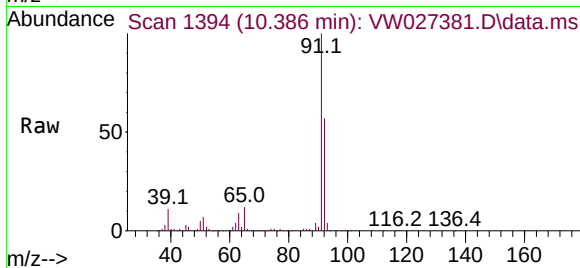
ClientSampleId :

Tgt Ion: 91 Resp: 615906

Ion Ratio Lower Upper

91 100

92 57.5 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 23.904 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027381.D

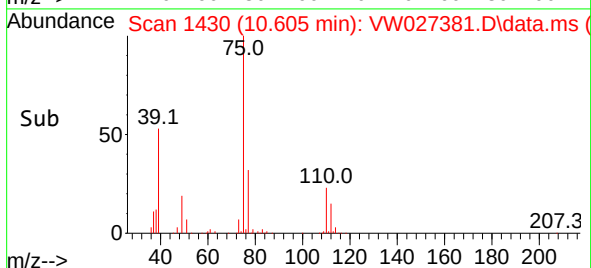
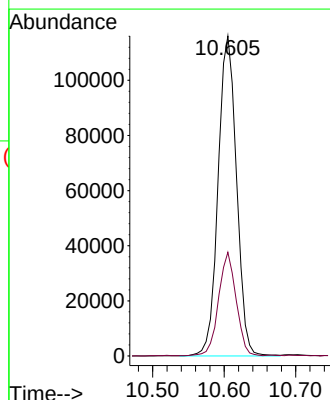
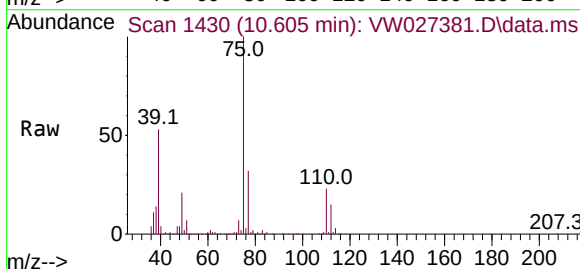
Acq: 20 Oct 2023 18:34

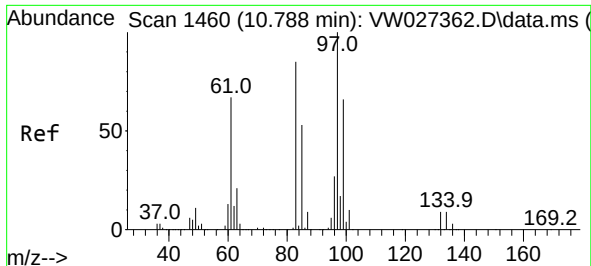
Tgt Ion: 75 Resp: 207634

Ion Ratio Lower Upper

75 100

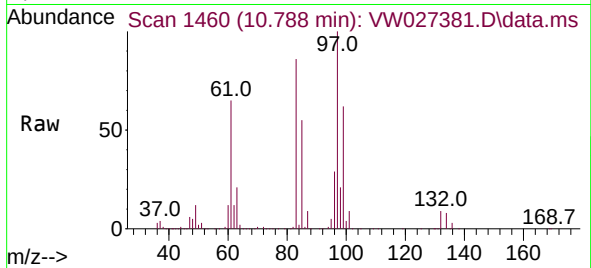
77 32.4 22.0 41.0



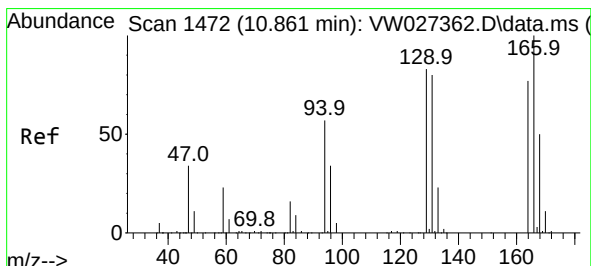
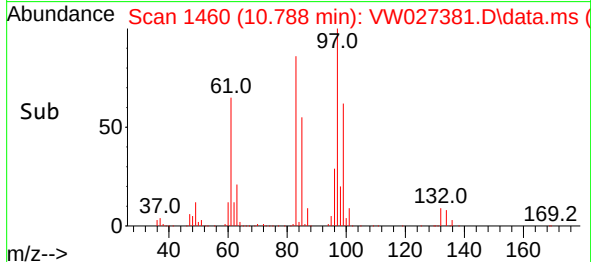
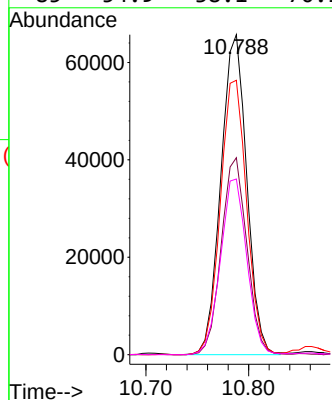


#45
1,1,2-Trichloroethane
Concen: 26.795 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Instrument :
MSVOA_W
ClientSampleId :

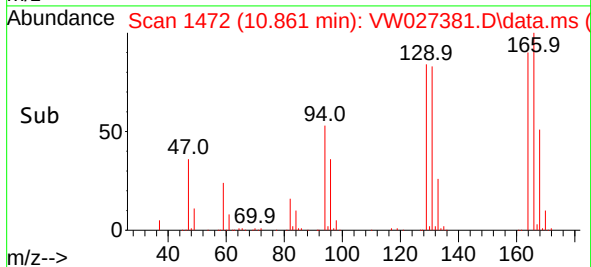
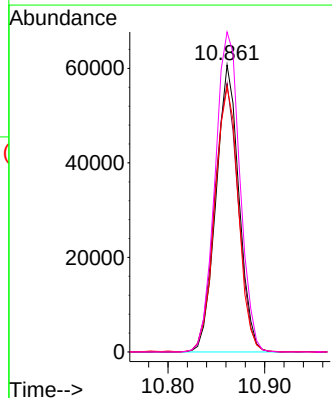
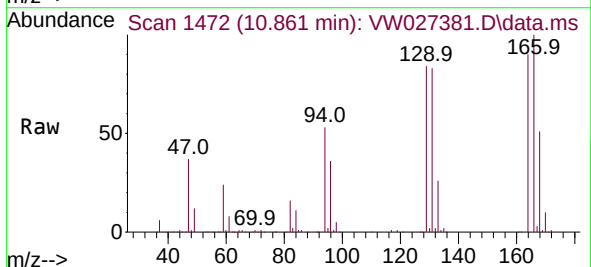


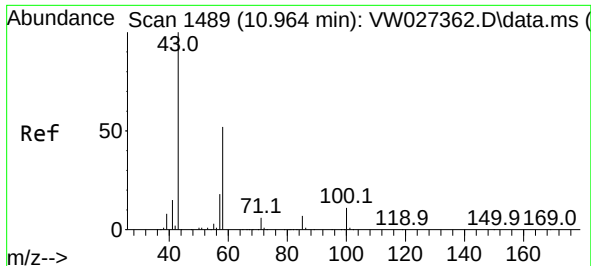
Tgt Ion:	97	Resp:	114908
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.8	81.4
83	85.8	57.5	106.7
85	54.9	38.1	70.9



#46
Tetrachloroethene
Concen: 23.710 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion:	164	Resp:	99673
Ion	Ratio	Lower	Upper
164	100		
129	93.6	74.7	138.7
131	92.3	73.2	136.0
166	111.5	87.3	162.1

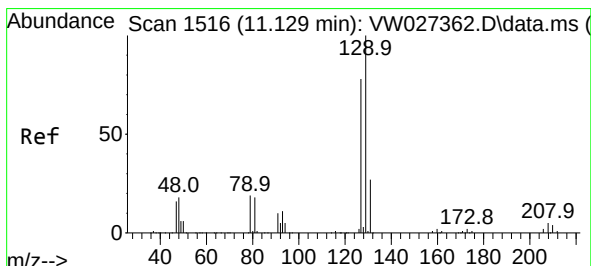
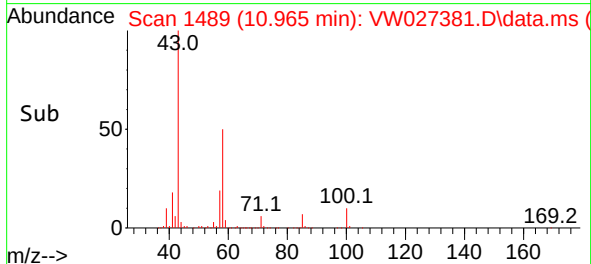
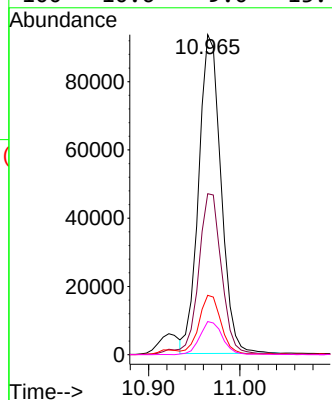
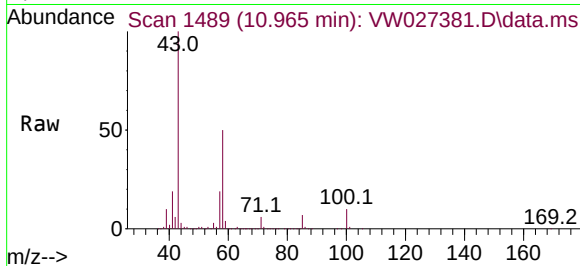




#48
2-Hexanone
Concen: 49.859 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

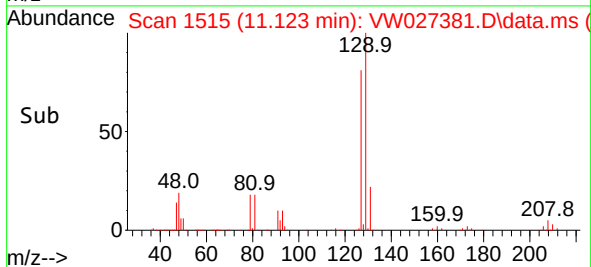
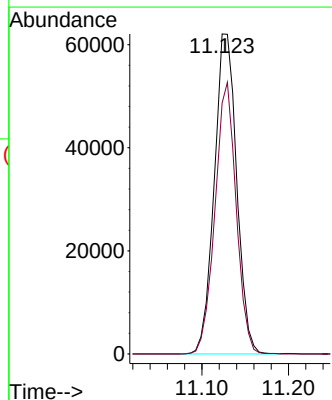
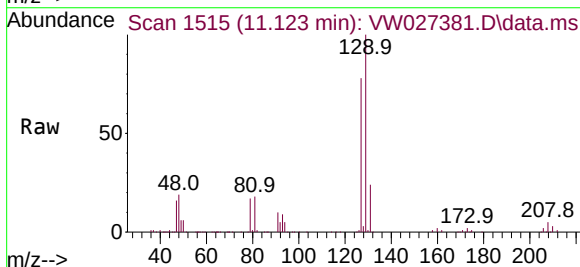
Instrument :
MSVOA_W
ClientSampleId :

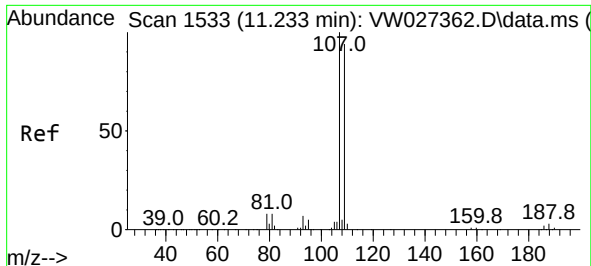
Tgt Ion: 43 Resp: 158158
Ion Ratio Lower Upper
43 100
58 51.2 42.2 63.4
57 18.5 15.1 22.7
100 10.6 9.0 13.4



#49
Dibromochloromethane
Concen: 23.478 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 129 Resp: 111816
Ion Ratio Lower Upper
129 100
127 78.4 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.494 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :

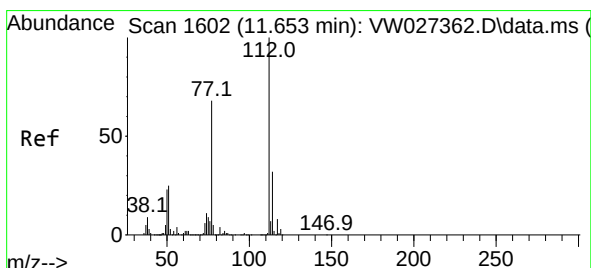
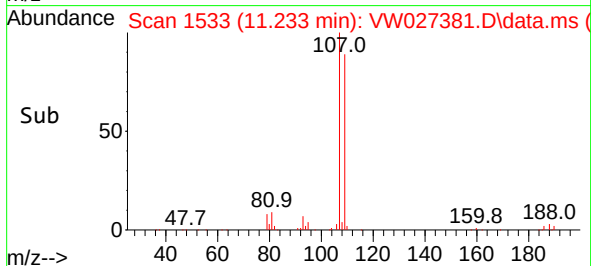
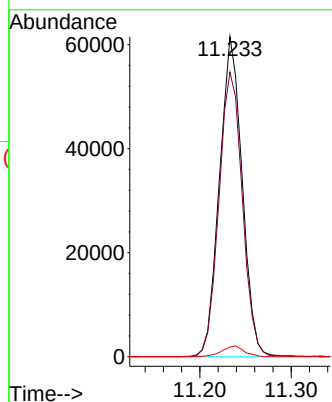
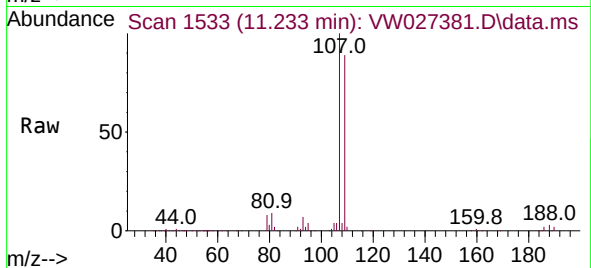
Tgt Ion:107 Resp: 105999

Ion Ratio Lower Upper

107 100

109 88.9 66.3 123.1

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 25.299 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

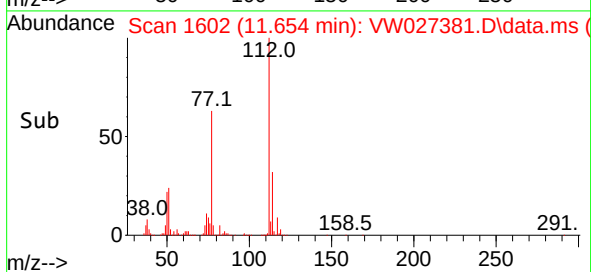
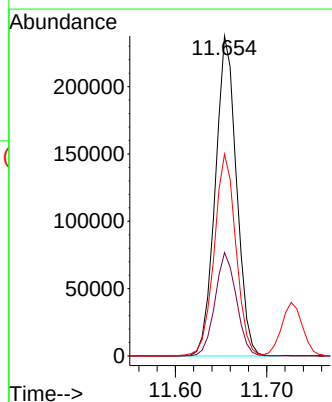
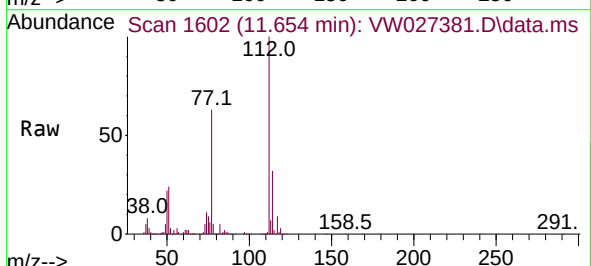
Tgt Ion:112 Resp: 383039

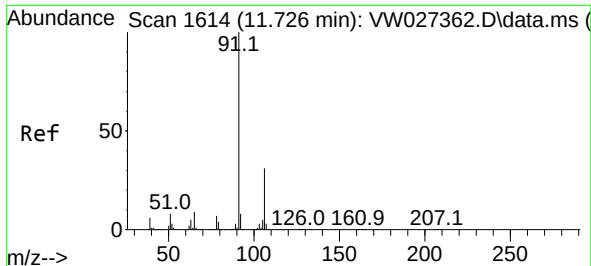
Ion Ratio Lower Upper

112 100

114 32.3 21.8 40.6

77 63.1 52.2 78.4

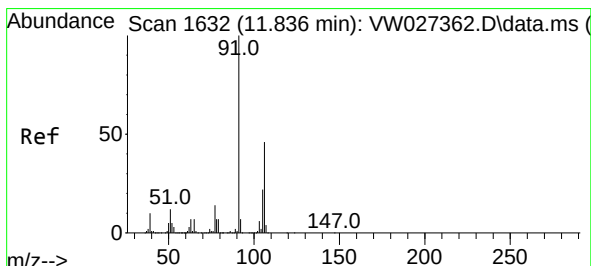
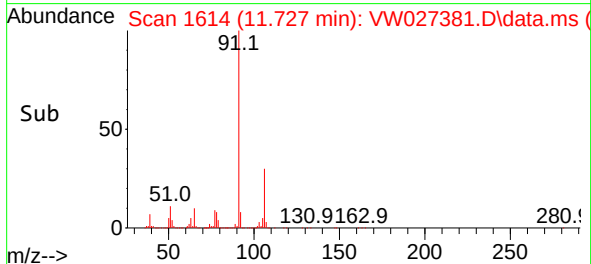
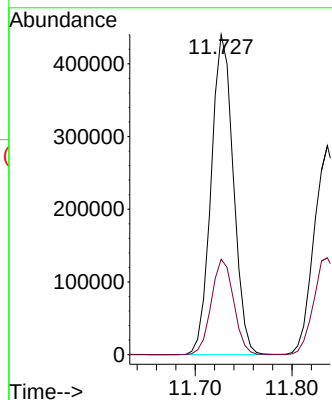
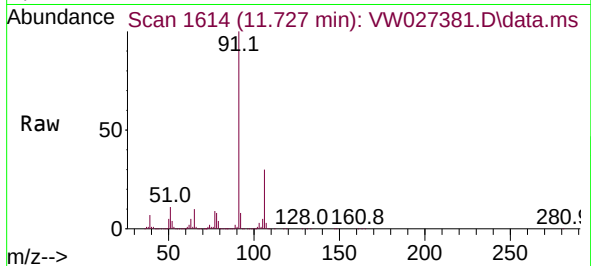




#52
Ethylbenzene
Concen: 24.982 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

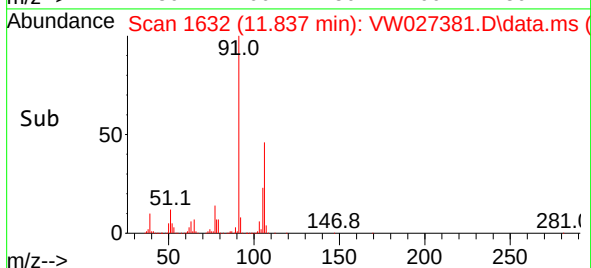
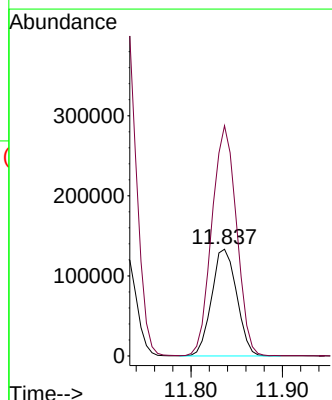
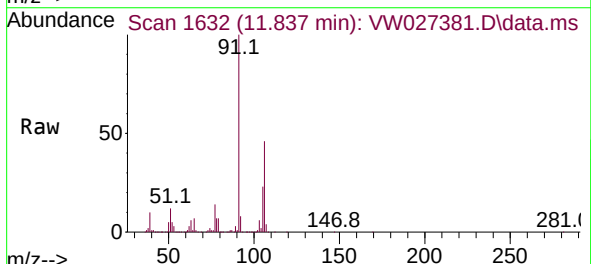
Instrument :
MSVOA_W
ClientSampleId :

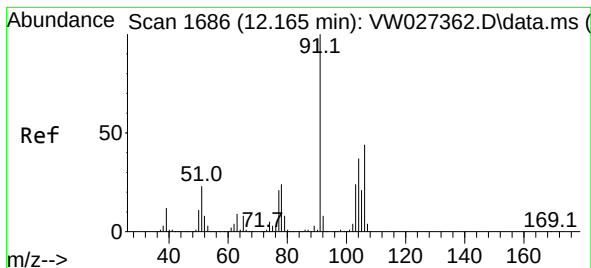
Tgt Ion: 91 Resp: 701922
Ion Ratio Lower Upper
91 100
106 29.9 19.8 36.8



#53
m,p-Xylene
Concen: 23.904 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion:106 Resp: 254744
Ion Ratio Lower Upper
106 100
91 215.9 144.5 268.4

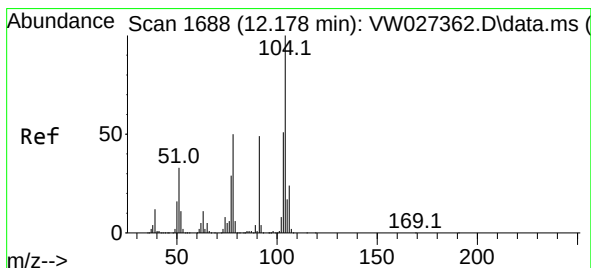
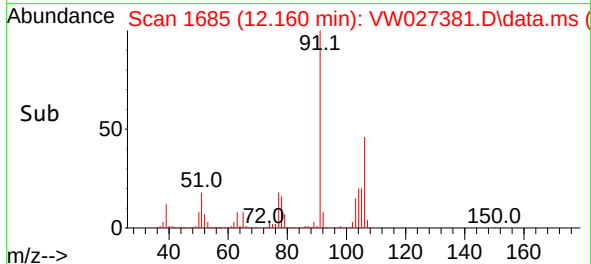
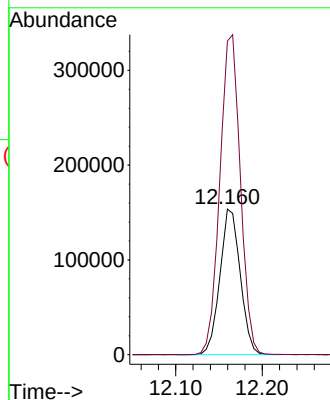
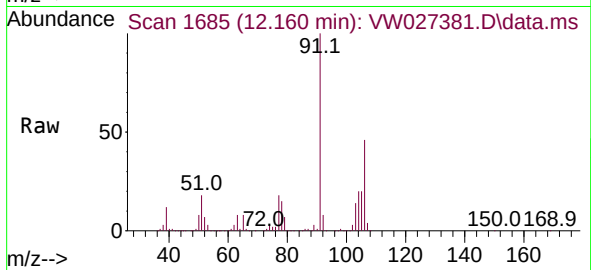




#54
o-Xylene
Concen: 24.554 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

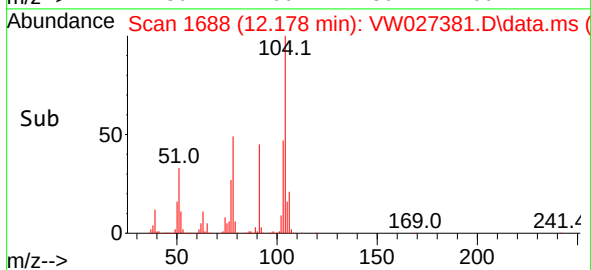
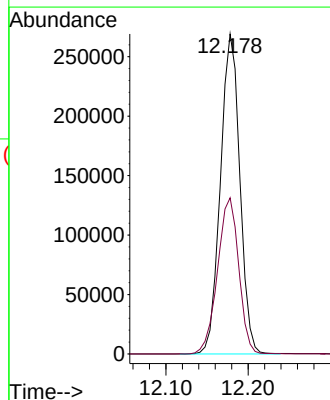
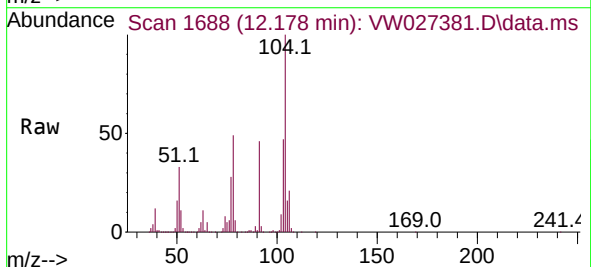
Instrument :
MSVOA_W
ClientSampleId :

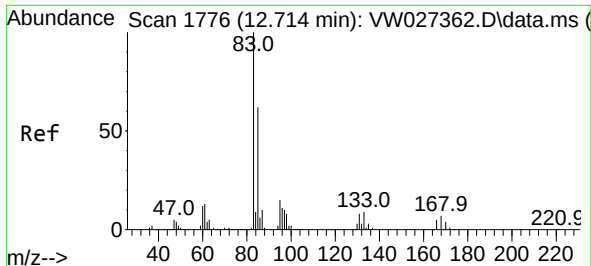
Tgt Ion:106 Resp: 250573
Ion Ratio Lower Upper
106 100
91 215.4 152.0 282.2



#55
Styrene
Concen: 25.342 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion:104 Resp: 441672
Ion Ratio Lower Upper
104 100
78 48.8 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.329 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :

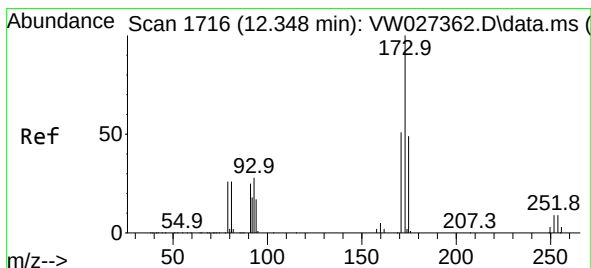
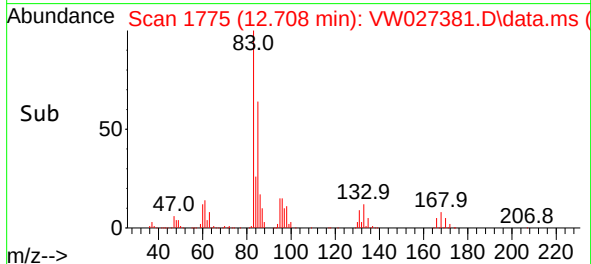
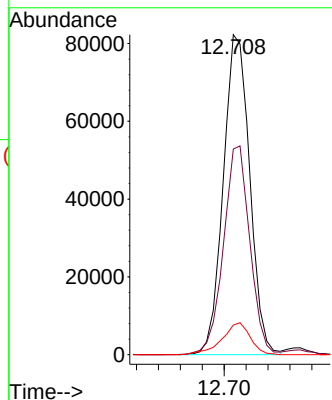
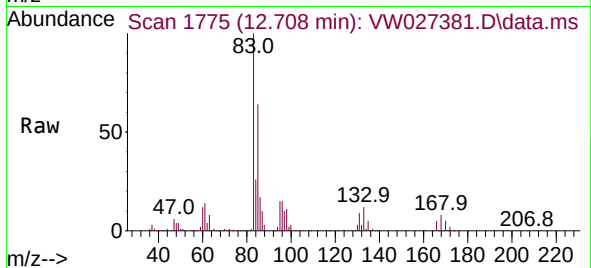
Tgt Ion: 83 Resp: 137835

Ion Ratio Lower Upper

83 100

85 64.3 43.2 80.2

131 9.3 7.2 10.8



#59

Bromoform

Concen: 21.376 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

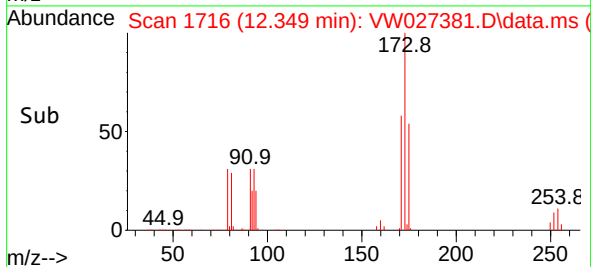
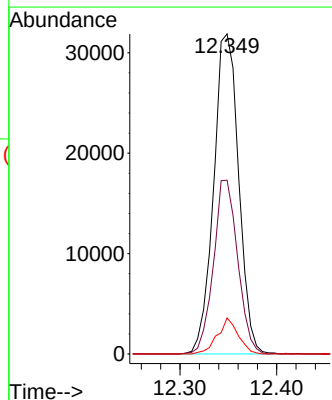
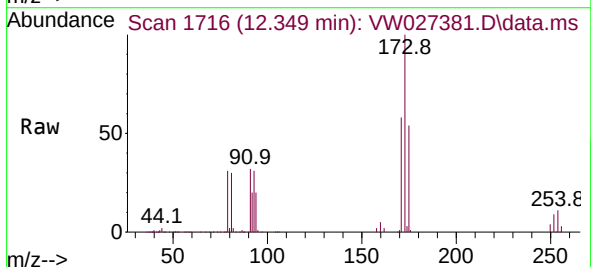
Tgt Ion: 173 Resp: 57219

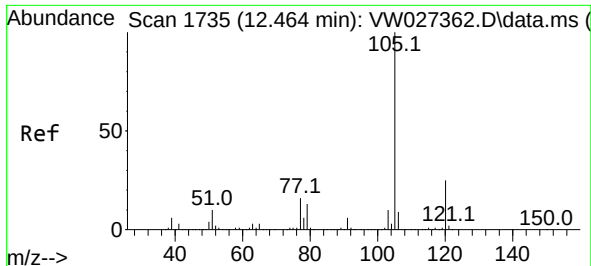
Ion Ratio Lower Upper

173 100

175 52.6 39.6 59.4

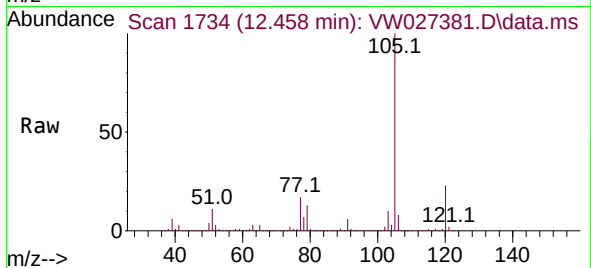
254 9.3 6.6 10.0



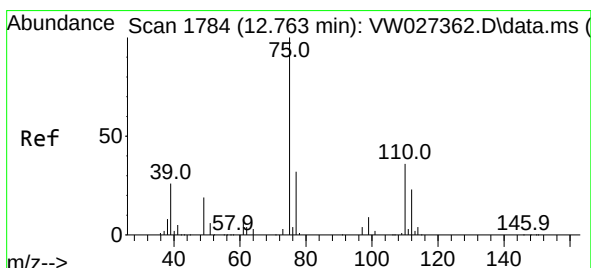
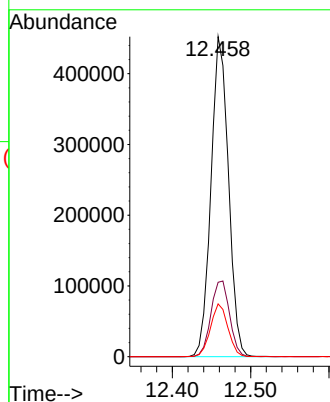
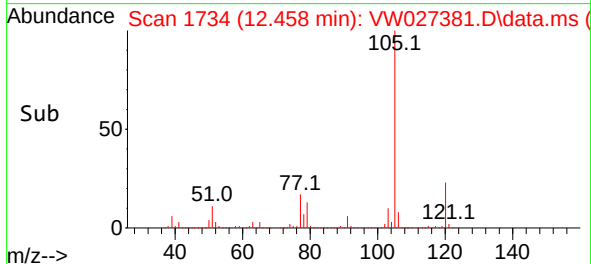


#60
Isopropylbenzene
Concen: 24.768 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Instrument :
MSVOA_W
ClientSampleId :

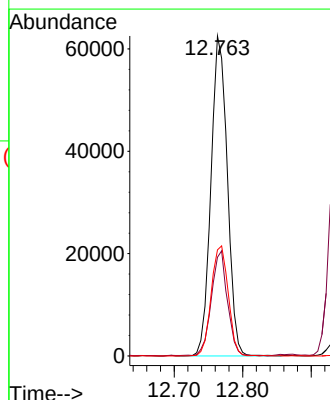
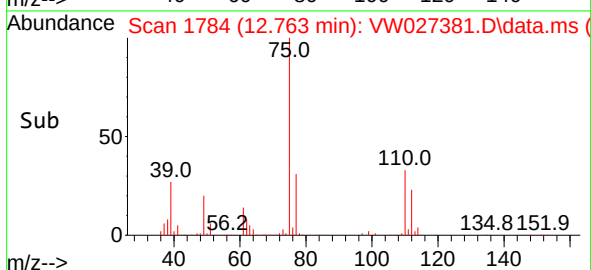
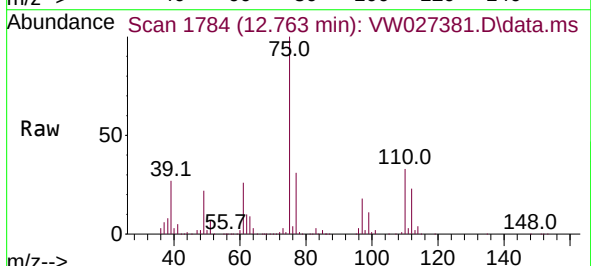


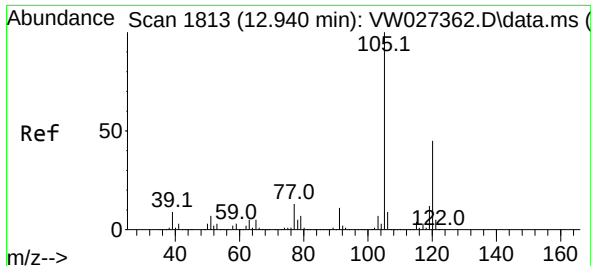
Tgt Ion:105 Resp: 699929
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 26.474 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 75 Resp: 103987
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 35.5 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 24.386 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

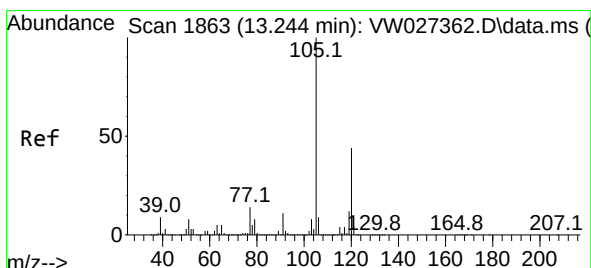
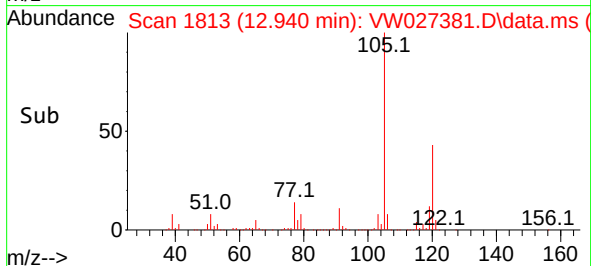
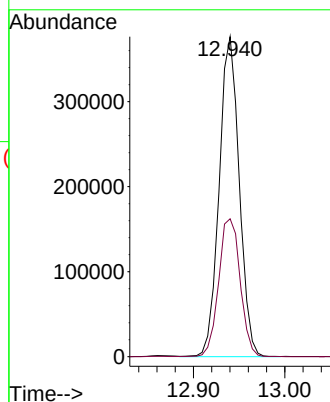
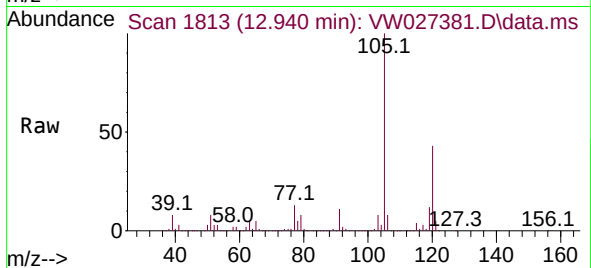
ClientSampleId :

Tgt Ion:105 Resp: 574837

Ion Ratio Lower Upper

105 100

120 46.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 24.308 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027381.D

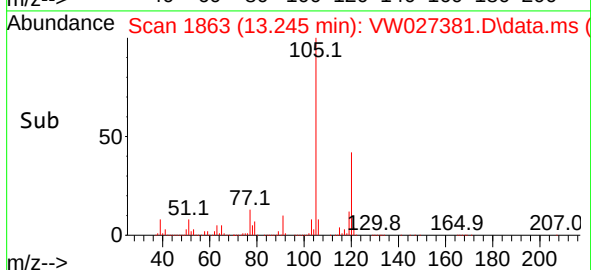
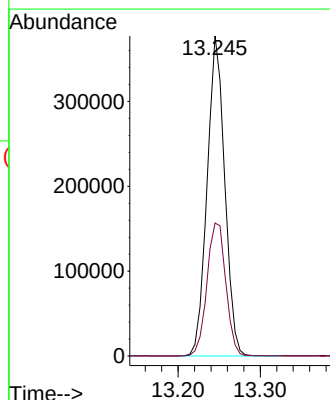
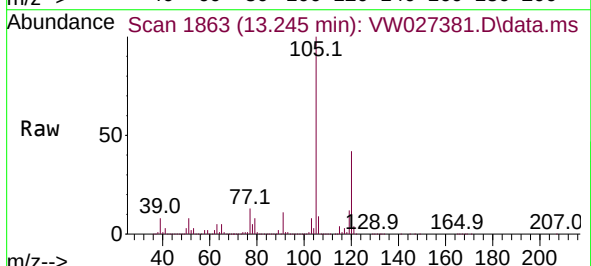
Acq: 20 Oct 2023 18:34

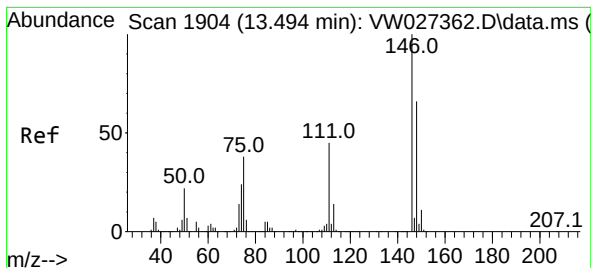
Tgt Ion:105 Resp: 560636

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 25.186 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :

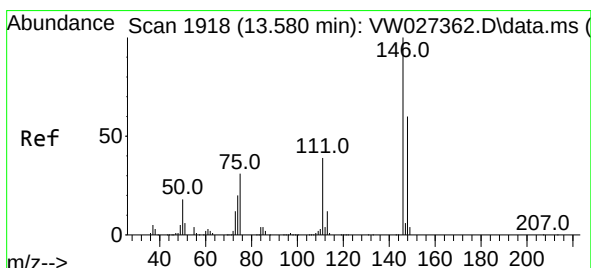
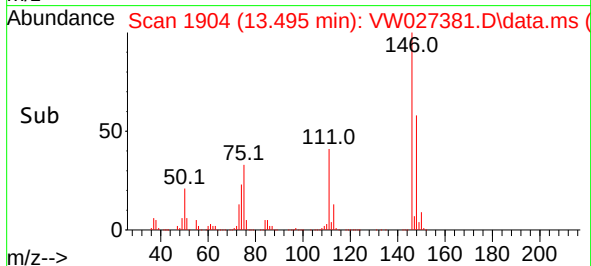
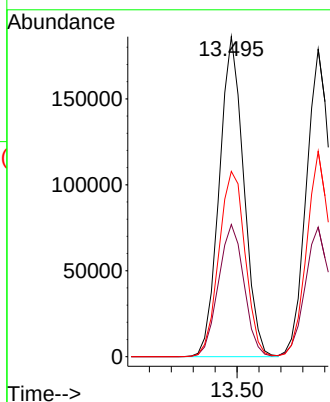
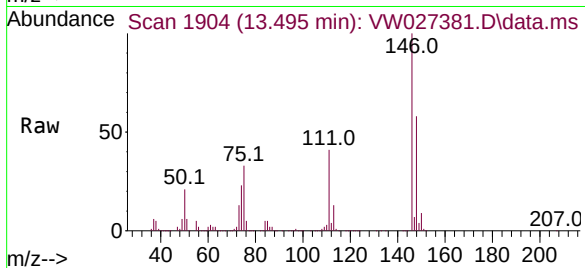
Tgt Ion:146 Resp: 288626

Ion Ratio Lower Upper

146 100

111 41.3 30.8 57.2

148 57.9 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 24.492 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

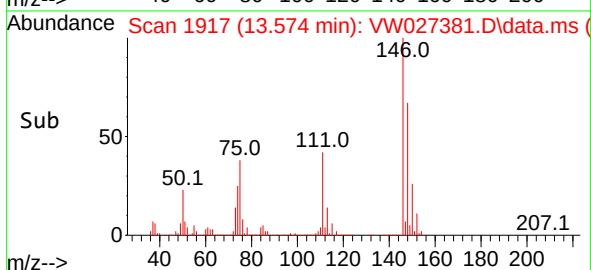
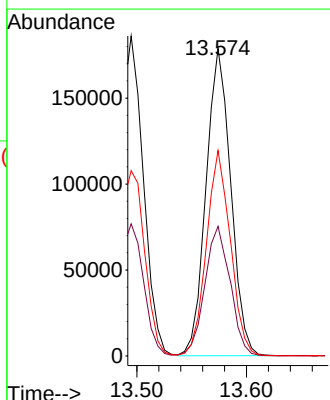
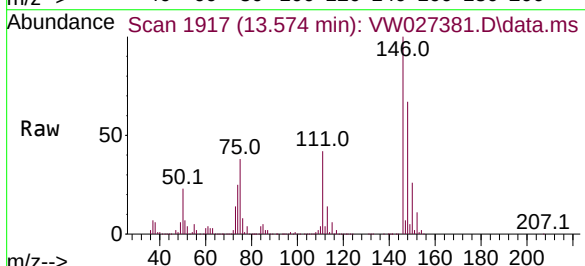
Tgt Ion:146 Resp: 280301

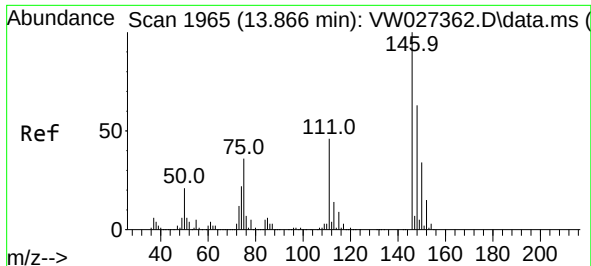
Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.9

148 66.8 43.0 79.8

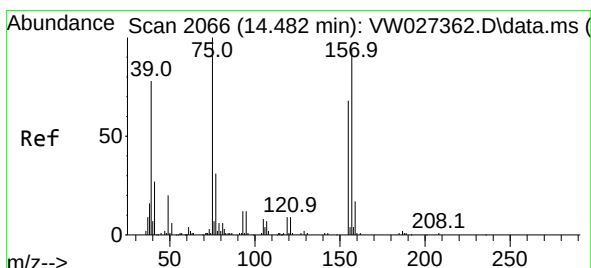
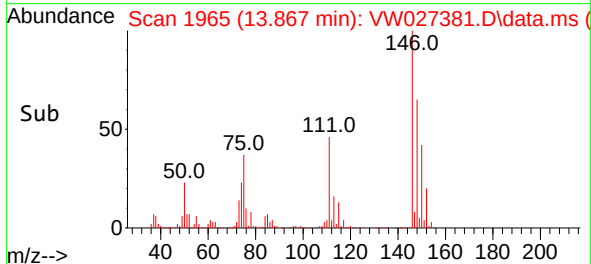
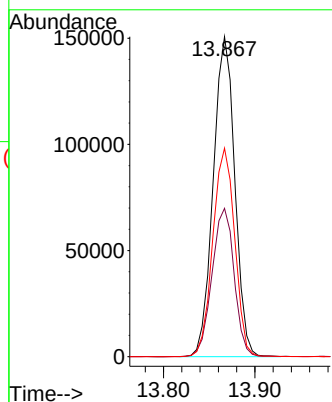
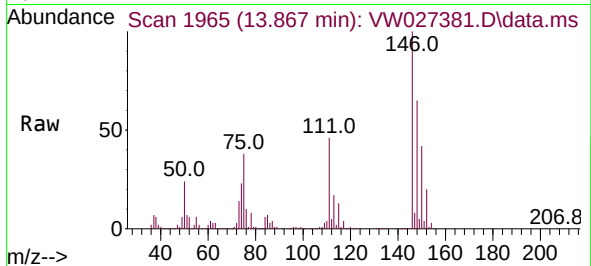




#67
1,2-Dichlorobenzene
Concen: 24.309 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

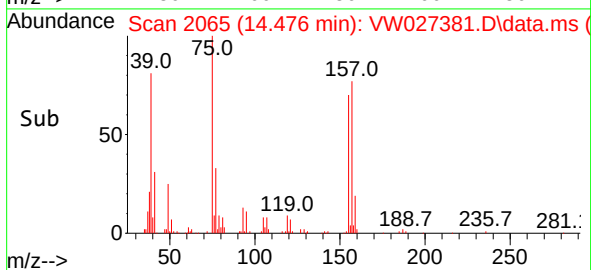
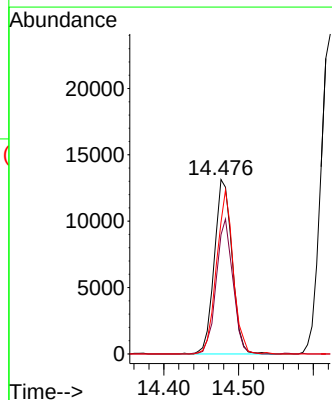
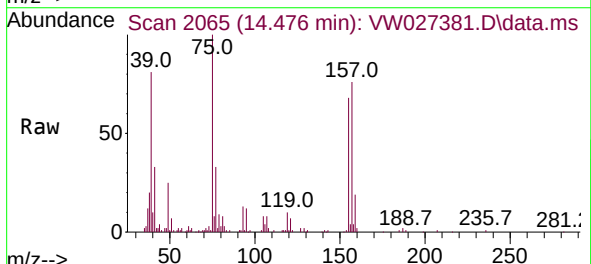
Instrument :
MSVOA_W
ClientSampleId :

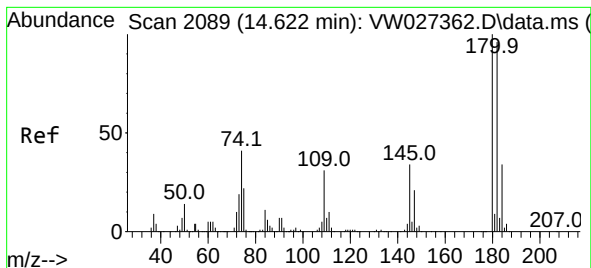
Tgt Ion:146 Resp: 247201
Ion Ratio Lower Upper
146 100
111 46.4 36.8 55.2
148 65.2 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.149 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027381.D
Acq: 20 Oct 2023 18:34

Tgt Ion: 75 Resp: 21743
Ion Ratio Lower Upper
75 100
155 68.4 54.9 82.3
157 75.5 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 23.948 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

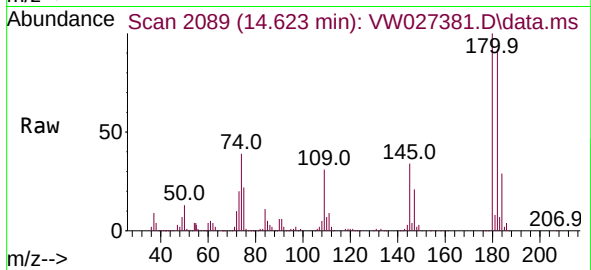
Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 178157

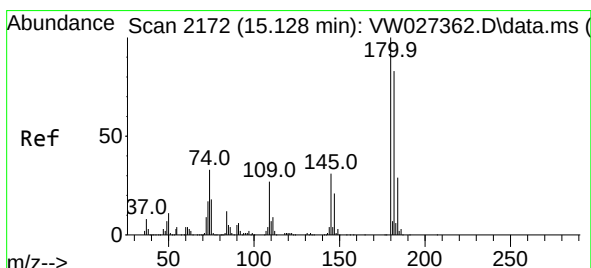
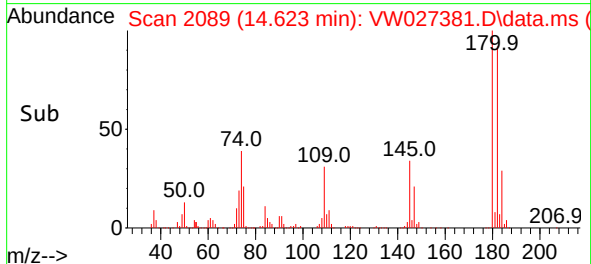
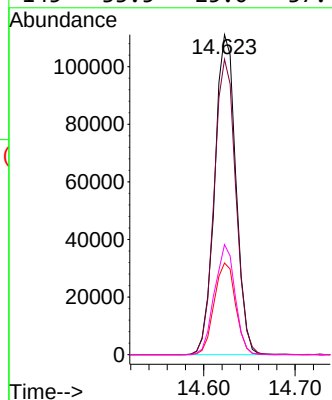
Ion Ratio Lower Upper

180 100

182 94.4 73.4 110.0

184 29.1 23.3 34.9

145 33.5 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 23.079 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

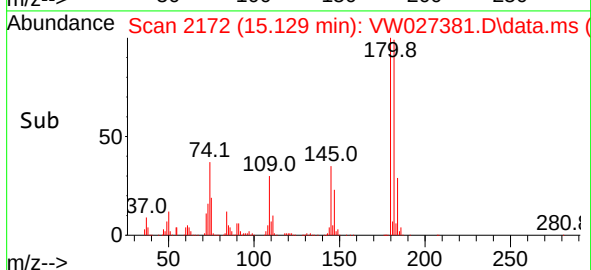
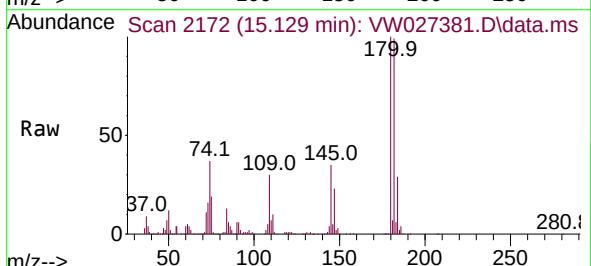
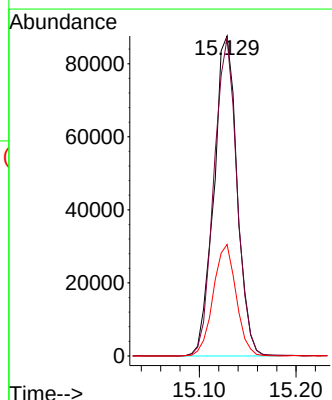
Tgt Ion:180 Resp: 146135

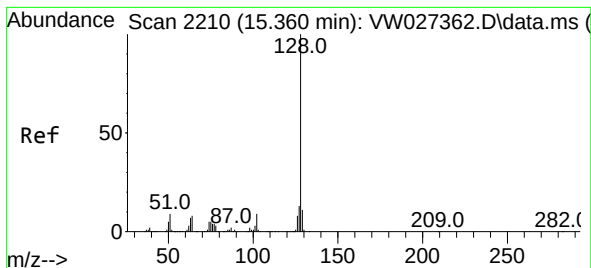
Ion Ratio Lower Upper

180 100

182 98.2 75.5 113.3

145 34.4 26.4 39.6





#71

Naphthalene

Concen: 24.540 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Instrument :

MSVOA_W

ClientSampleId :

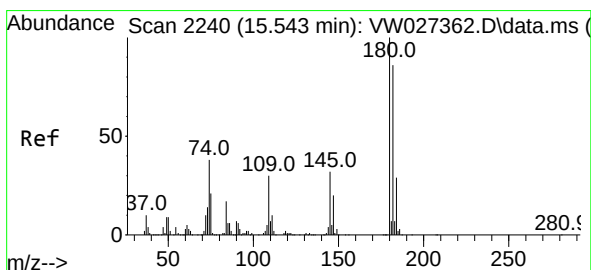
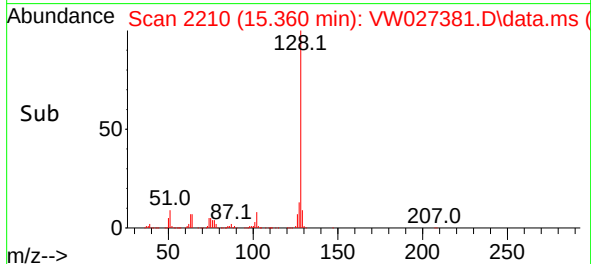
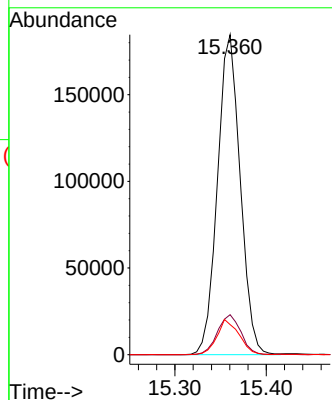
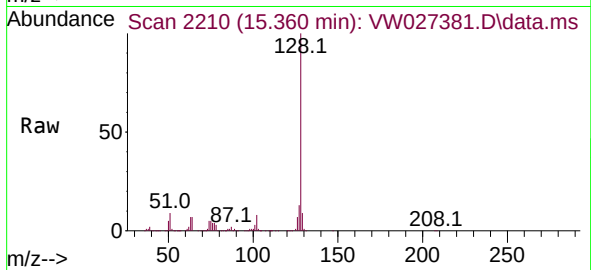
Tgt Ion:128 Resp: 319543

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.301 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027381.D

Acq: 20 Oct 2023 18:34

Tgt Ion:180 Resp: 121319

Ion Ratio Lower Upper

180 100

182 100.2 81.1 121.7

145 35.5 30.6 45.8

