

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027543.D
 Acq On : 06 Nov 2023 12:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:38:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	447947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	413388	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205241	25.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.120%
7) Chloroethane-d5	2.899	69	146268	26.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.880%
11) 1,1-Dichloroethene-d2	4.021	65	88399	25.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.040%
21) 2-Butanone-d5	7.075	46	95446	54.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.020%
24) Chloroform-d	7.648	84	339260	25.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.840%
26) 1,2-Dichloroethane-d4	8.307	65	176616	26.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	8.276	84	725996	26.268	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.080%
36) 1,2-Dichloropropane-d6	9.270	67	218110	25.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.325	98	635343	25.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.575	79	86146	26.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.320%
47) 2-Hexanone-d5	10.922	63	72195	55.554	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	156236	27.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	190468	25.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	126954	25.719	ug/L	94
3) Chloromethane	2.223	50	167348	25.286	ug/L	99
5) Vinyl chloride	2.375	62	182800	24.346	ug/L	100
6) Bromomethane	2.796	94	103864	25.086	ug/L	98
8) Chloroethane	2.936	64	105083	24.654	ug/L	98
9) Trichlorofluoromethane	3.271	101	128679	22.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	139011	23.614	ug/L #	85
12) 1,1-Dichloroethene	4.051	96	140268	23.730	ug/L	93
13) Acetone	4.119	43	95073	51.239	ug/L	99
14) Carbon disulfide	4.387	76	487241	23.965	ug/L	99
15) Methyl Acetate	4.667	43	72783	25.531	ug/L	99
16) Methylene chloride	4.923	84	162171	22.181	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	152943	24.430	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	235200	25.182	ug/L	99
19) 1,1-Dichloroethane	6.216	63	309419	24.826	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	169290	25.017	ug/L	99
22) 2-Butanone	7.173	43	121370	50.791	ug/L	100
23) Bromochloromethane	7.514	128	68983	24.517	ug/L	97
25) Chloroform	7.679	83	286687	24.775	ug/L	97

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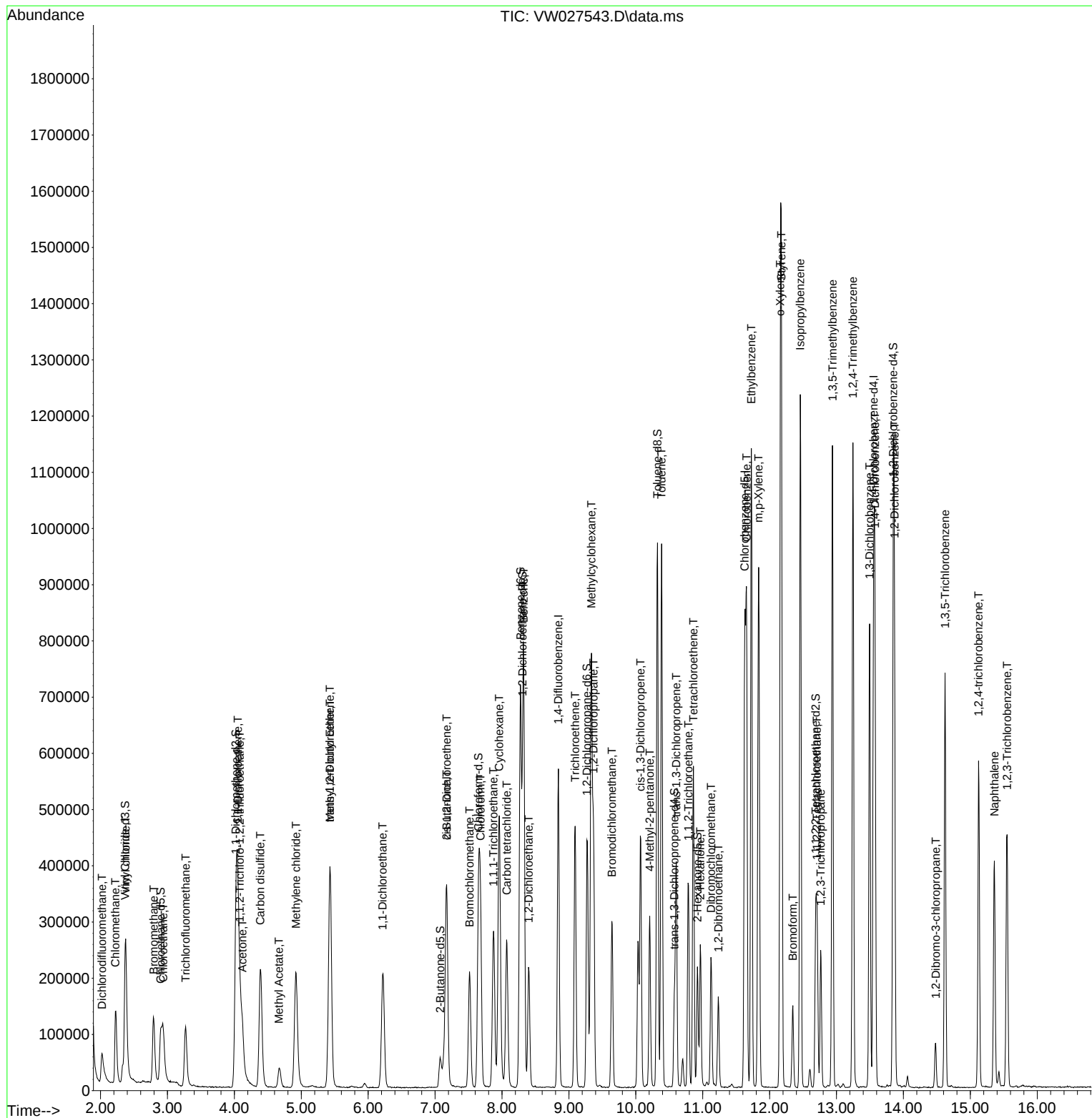
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192854	25.328	ug/L	97
29) Cyclohexane	7.959	56	296959	23.714	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	228780	23.646	ug/L	99
31) Carbon tetrachloride	8.069	117	197064	23.270	ug/L	98
33) Benzene	8.325	78	658654	24.113	ug/L	100
34) Trichloroethene	9.093	95	168067	23.806	ug/L	93
35) Methylcyclohexane	9.337	83	302858	23.683	ug/L	100
37) 1,2-Dichloropropane	9.368	63	174377	24.280	ug/L	100
38) Bromodichloromethane	9.642	83	202144	24.745	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	267504	25.154	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	207597	51.765	ug/L	100
42) Toluene	10.386	91	694037	24.491	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	214297	25.116	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	115314	24.693	ug/L	97
46) Tetrachloroethene	10.861	164	119709	23.628	ug/L	94
48) 2-Hexanone	10.965	43	164857	51.659	ug/L	100
49) Dibromochloromethane	11.123	129	120627	25.550	ug/L	96
50) 1,2-Dibromoethane	11.233	107	107725	24.617	ug/L	95
51) Chlorobenzene	11.654	112	417873	23.959	ug/L	98
52) Ethylbenzene	11.727	91	791522	24.491	ug/L	100
53) m,p-Xylene	11.837	106	291724	24.479	ug/L	95
54) o-Xylene	12.160	106	279795	24.798	ug/L	100
55) Styrene	12.178	104	482835	25.253	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	138228	25.267	ug/L	99
59) Bromoform	12.349	173	62878	24.512	ug/L	97
60) Isopropylbenzene	12.458	105	782900	24.052	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	101452	24.746	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	590883	23.809	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	612107	24.100	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	315229	23.832	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	307687	23.220	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	273345	23.682	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	20810	22.869	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	200677	23.651	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	168998	24.513	ug/L	95
71) Naphthalene	15.360	128	333006	25.941	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	143819	25.083	ug/L	98

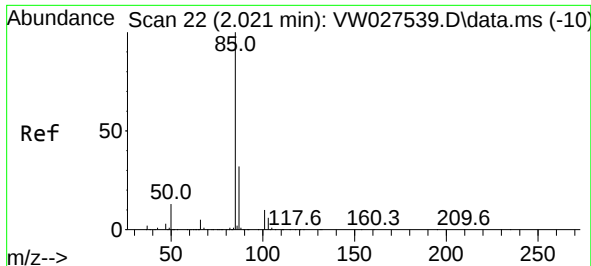
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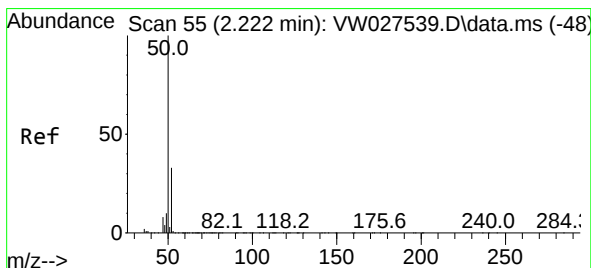
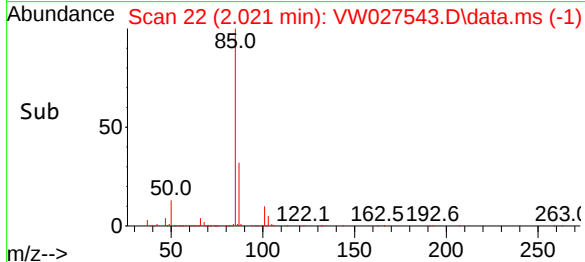
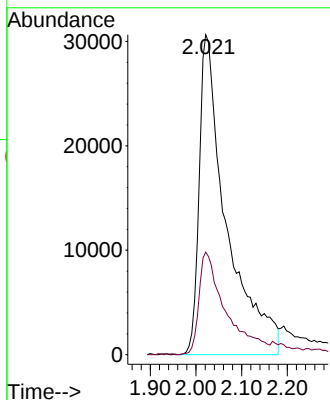
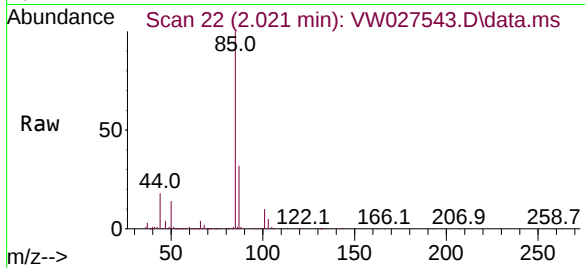




#2
 Dichlorodifluoromethane
 Concen: 25.719 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027543.D
 Acq: 06 Nov 2023 12:05

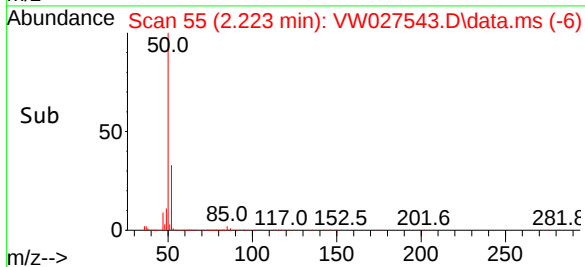
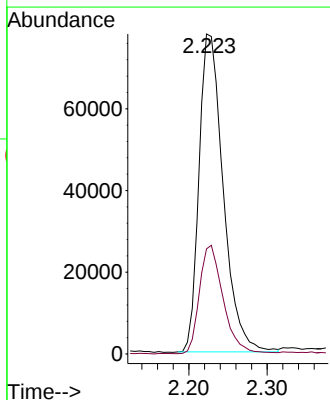
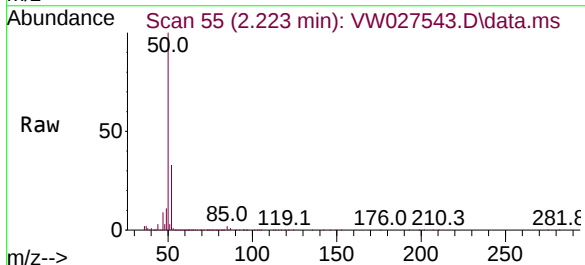
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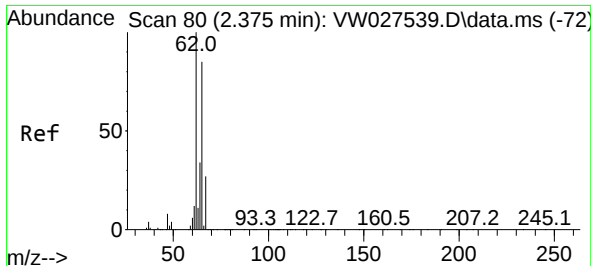
Tgt Ion: 85 Resp: 126954
 Ion Ratio Lower Upper
 85 100
 87 27.5 24.5 36.7



#3
 Chloromethane
 Concen: 25.286 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027543.D
 Acq: 06 Nov 2023 12:05

Tgt Ion: 50 Resp: 167348
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.6 42.0

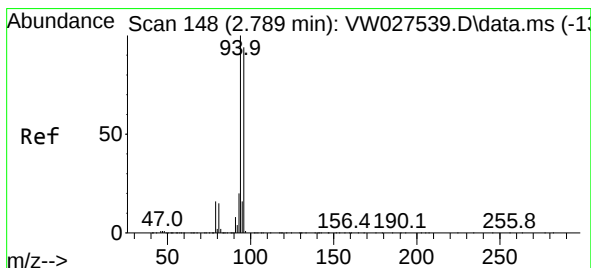
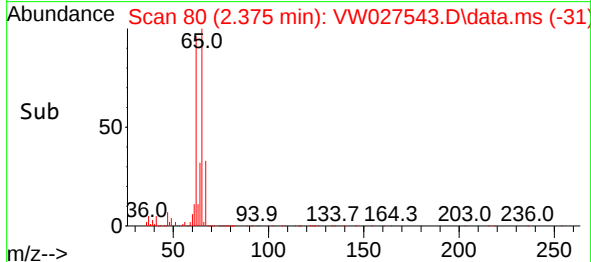
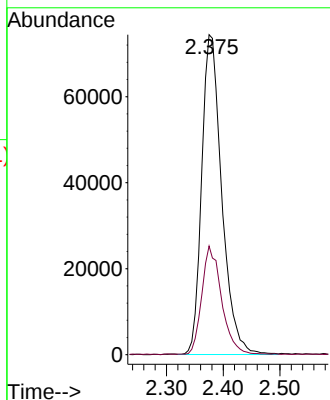
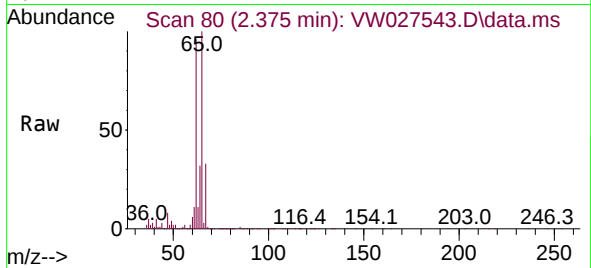




#5
 Vinyl chloride
 Concen: 24.346 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027543.D
 Acq: 06 Nov 2023 12:05

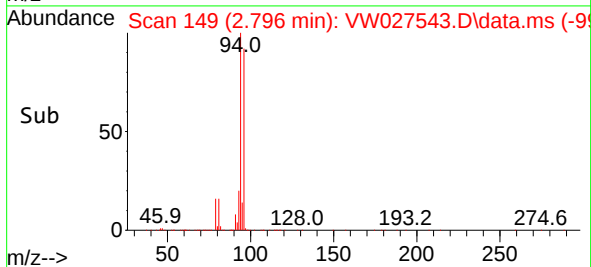
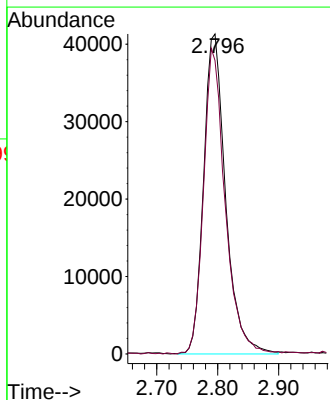
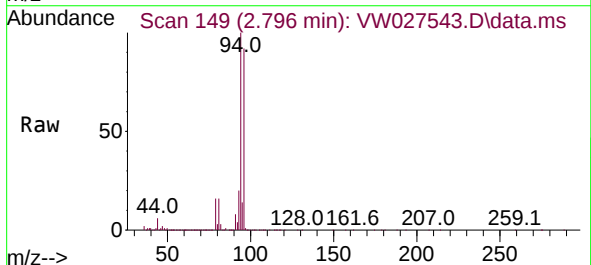
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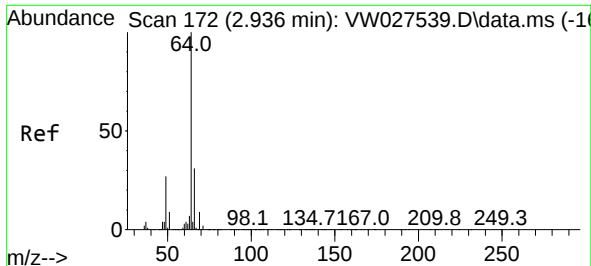
Tgt Ion: 62 Resp: 182800
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.3



#6
 Bromomethane
 Concen: 25.086 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027543.D
 Acq: 06 Nov 2023 12:05

Tgt Ion: 94 Resp: 103864
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.7 122.1

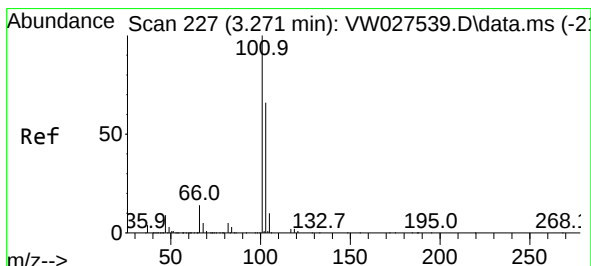
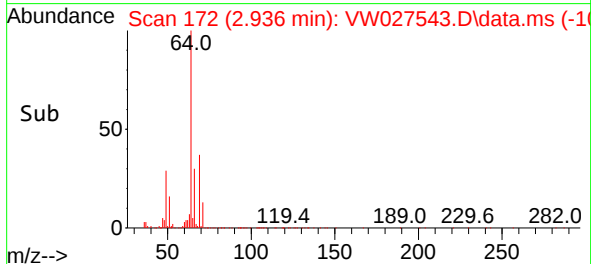
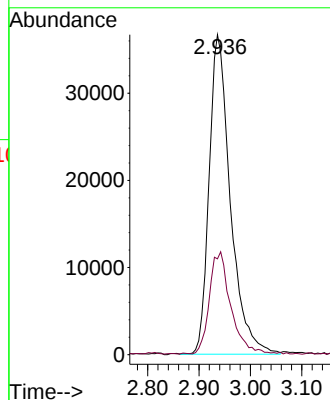
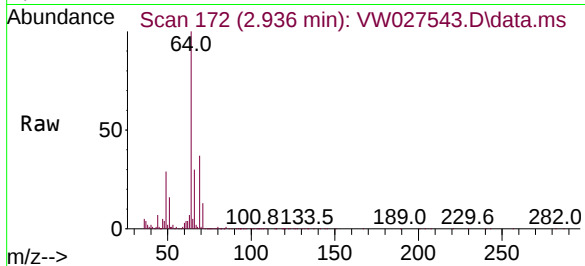




#8
Chloroethane
Concen: 24.654 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

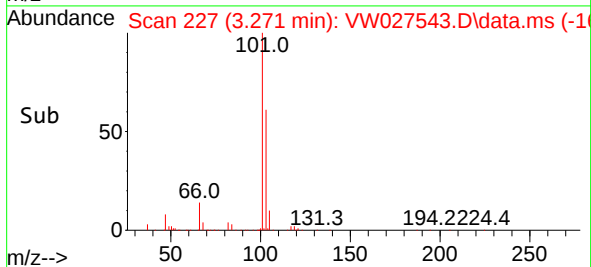
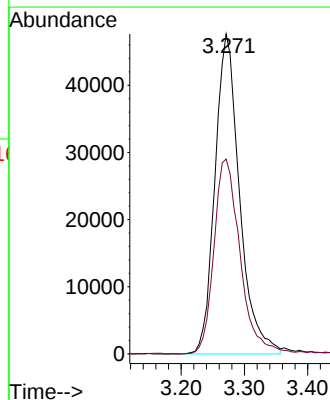
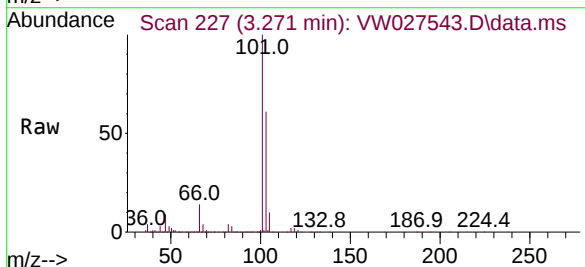
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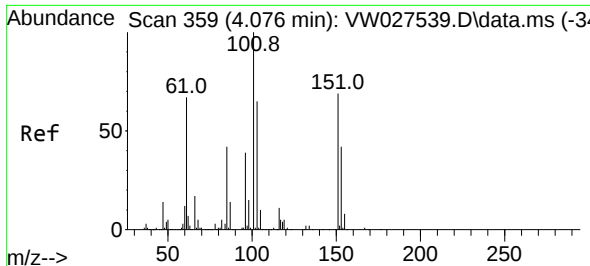
Tgt Ion: 64 Resp: 105083
Ion Ratio Lower Upper
64 100
66 29.9 21.8 40.6



#9
Trichlorofluoromethane
Concen: 22.644 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 101 Resp: 128679
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8

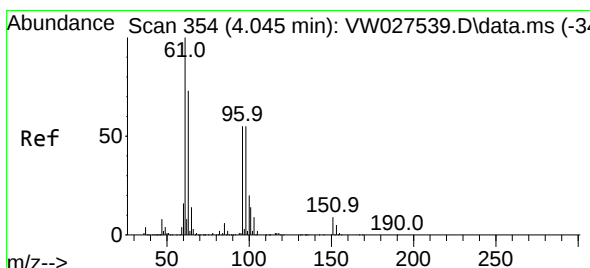
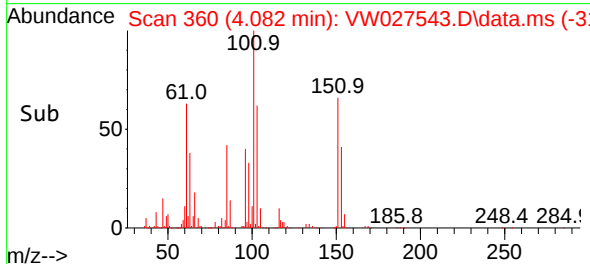
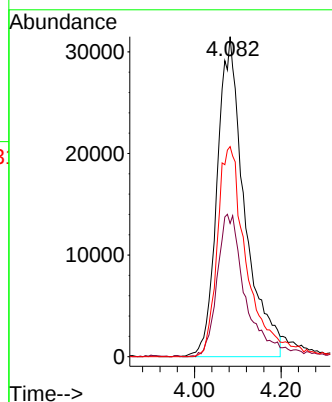
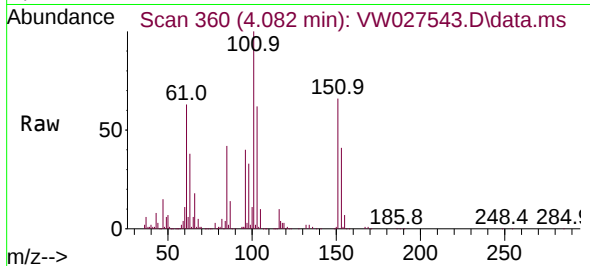




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.614 ug/L
RT: 4.082 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

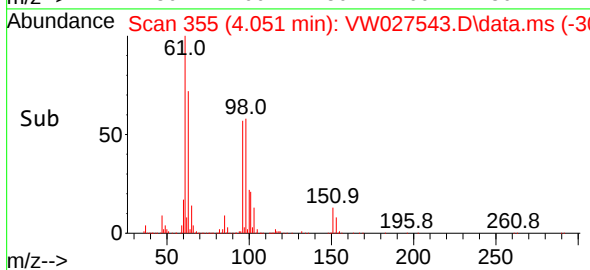
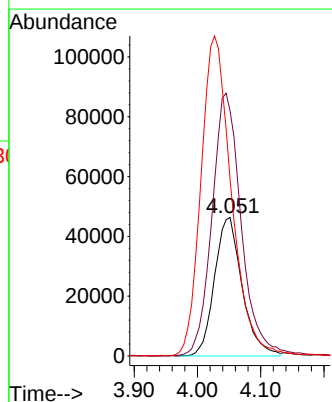
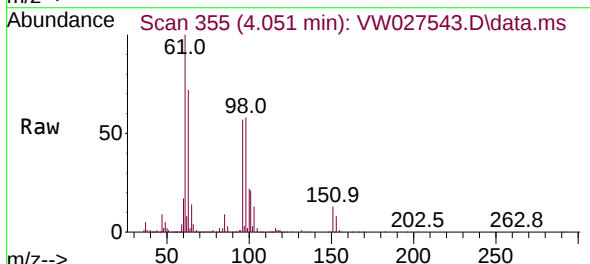
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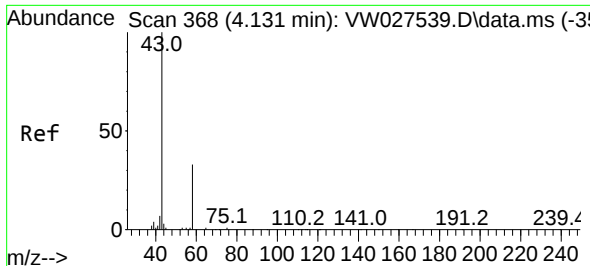
Tgt Ion:101 Resp: 139011
Ion Ratio Lower Upper
101 100
85 21.9 35.6 53.4#
151 68.0 56.6 84.8



#12
1,1-Dichloroethene
Concen: 23.730 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 96 Resp: 140268
Ion Ratio Lower Upper
96 100
61 176.7 128.9 239.3
63 126.9 96.4 179.0

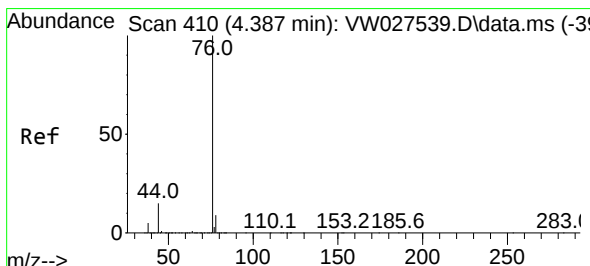
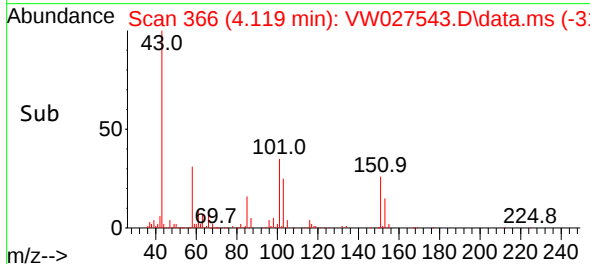
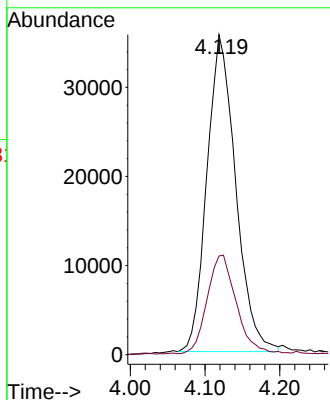
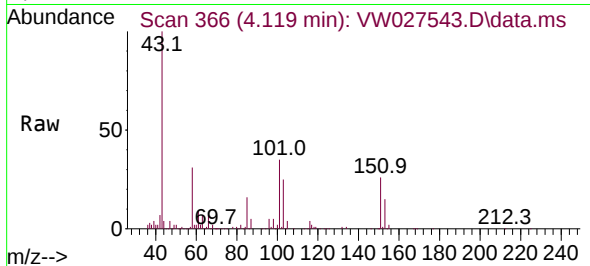




#13
Acetone
Concen: 51.239 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

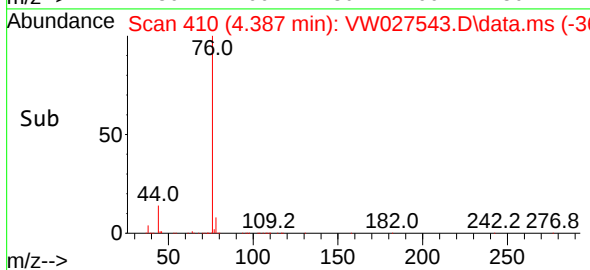
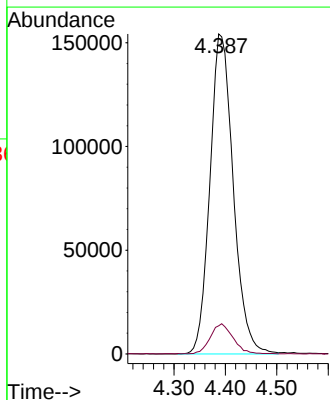
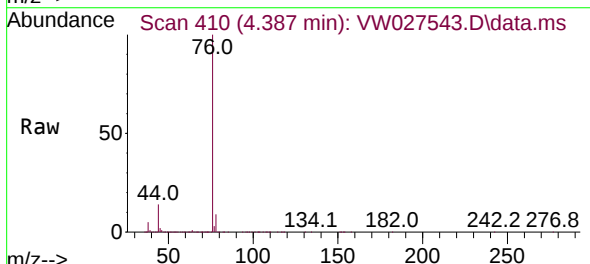
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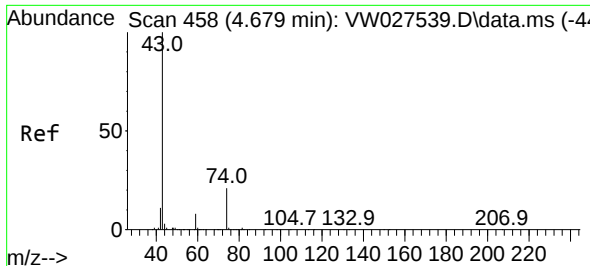
Tgt Ion: 43 Resp: 95073
Ion Ratio Lower Upper
43 100
58 31.8 0.0 64.4



#14
Carbon disulfide
Concen: 23.965 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 76 Resp: 487241
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

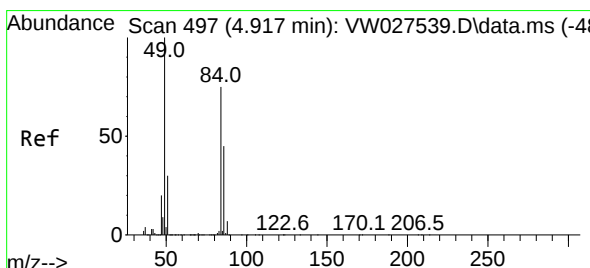
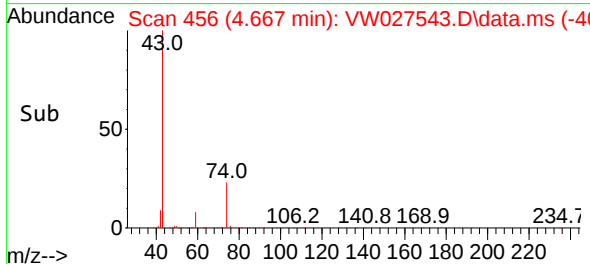
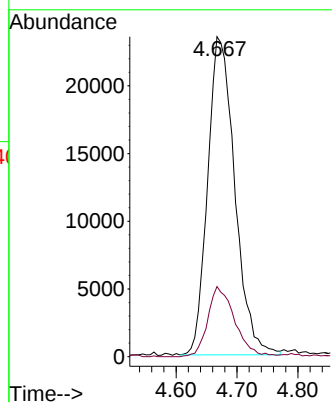
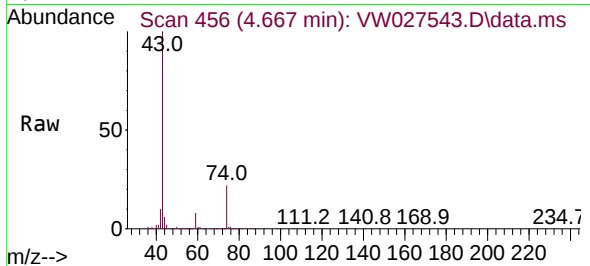




#15
Methyl Acetate
Concen: 25.531 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

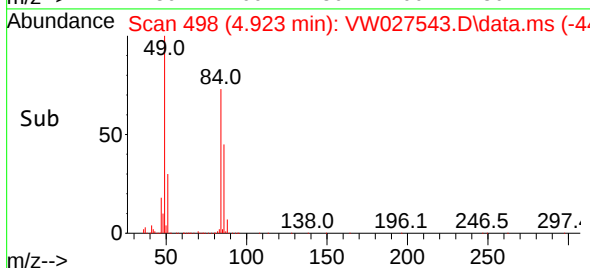
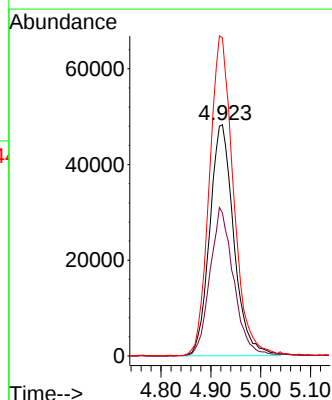
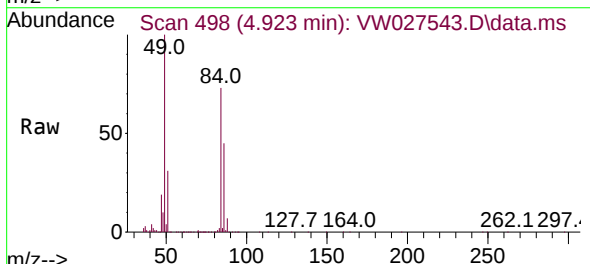
Instrument :
MSVOA_W
ClientSampleId :

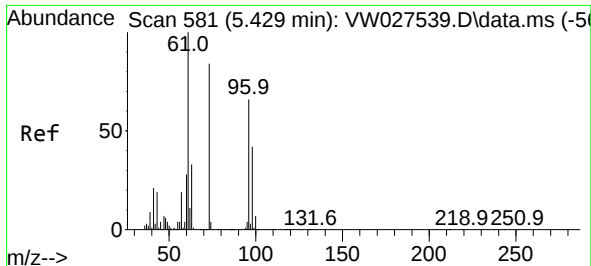
Tgt Ion: 43 Resp: 72783
Ion Ratio Lower Upper
43 100
74 21.5 16.9 25.3



#16
Methylene chloride
Concen: 22.181 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 84 Resp: 162171
Ion Ratio Lower Upper
84 100
86 61.8 42.7 79.3
49 137.6 94.0 174.6





#17

trans-1,2-Dichloroethene

Concen: 24.430 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

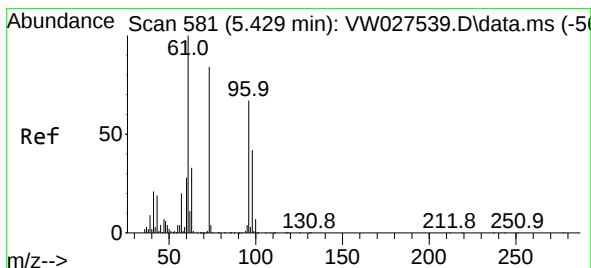
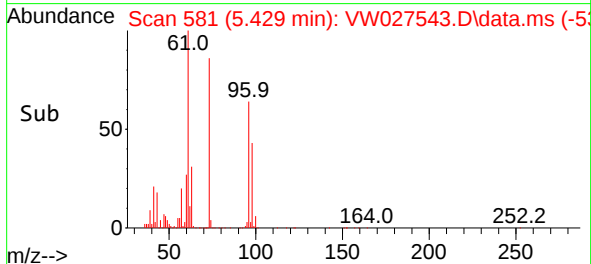
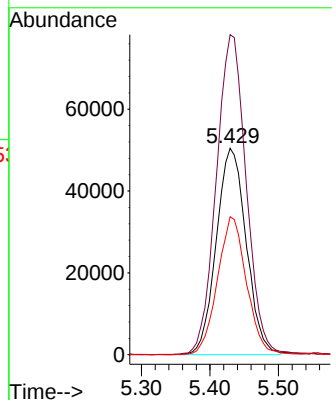
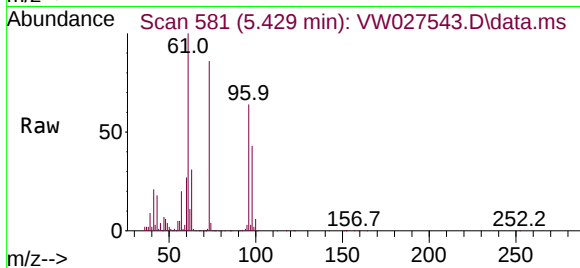
Tgt Ion: 96 Resp: 152943

Ion Ratio Lower Upper

96 100

61 155.0 105.3 195.6

98 66.8 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 25.182 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

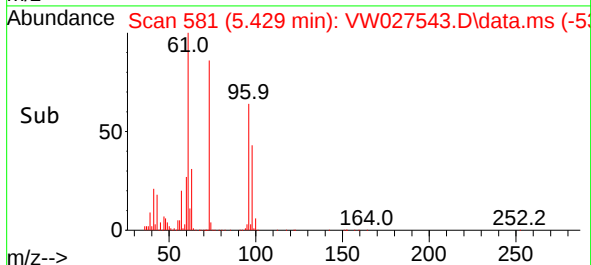
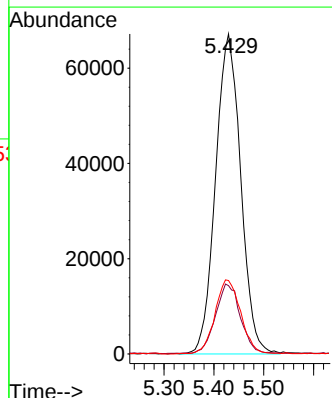
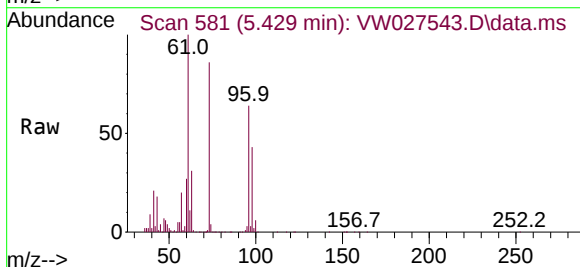
Tgt Ion: 73 Resp: 235200

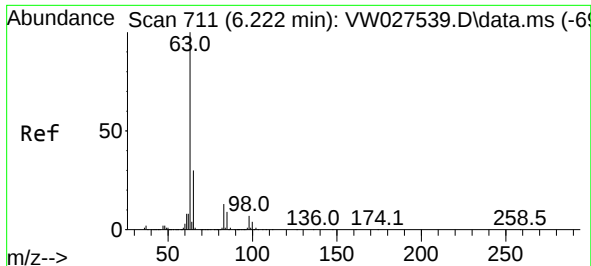
Ion Ratio Lower Upper

73 100

43 21.4 17.1 25.7

57 23.2 19.4 29.0





#19

1,1-Dichloroethane

Concen: 24.826 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

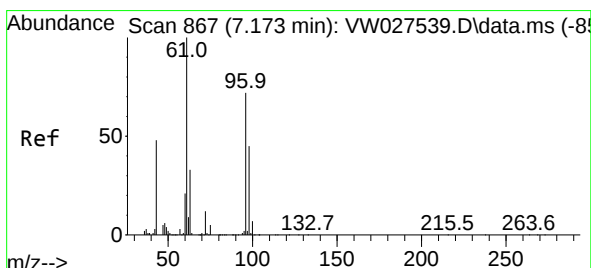
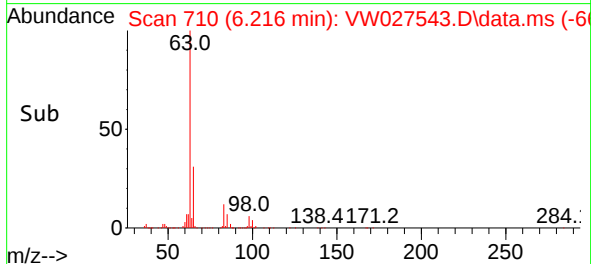
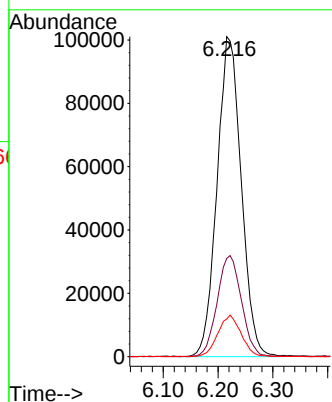
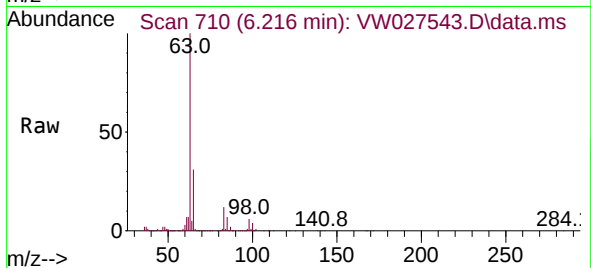
Tgt Ion: 63 Resp: 309419

Ion Ratio Lower Upper

63 100

65 30.7 21.1 39.3

83 11.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.017 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

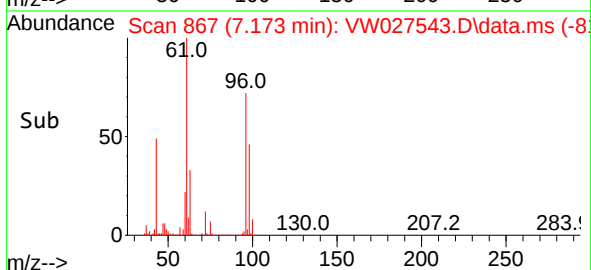
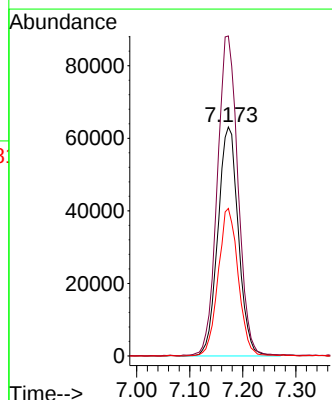
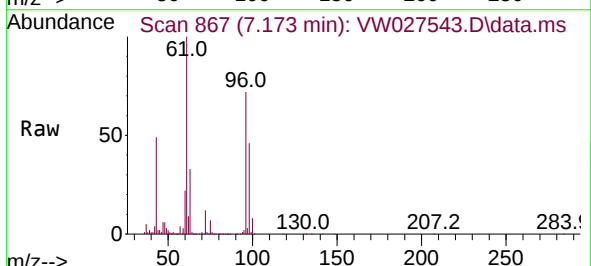
Tgt Ion: 96 Resp: 169290

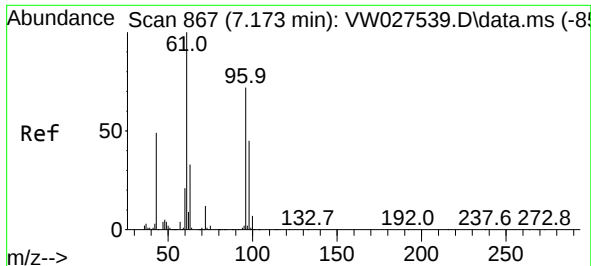
Ion Ratio Lower Upper

96 100

61 139.8 97.9 181.7

98 64.5 43.5 80.9

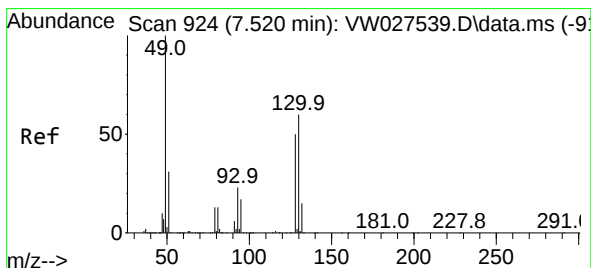
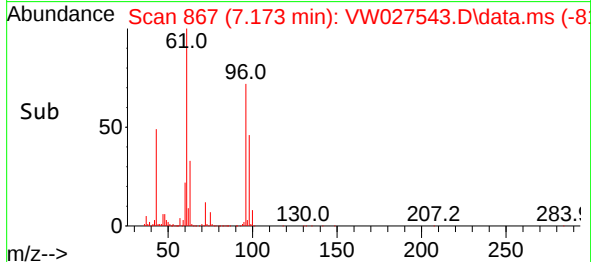
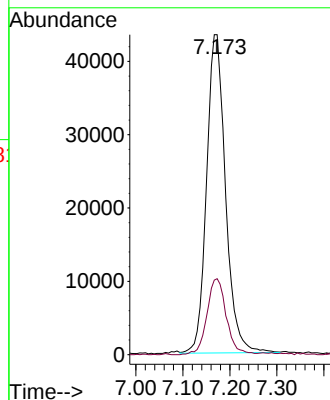
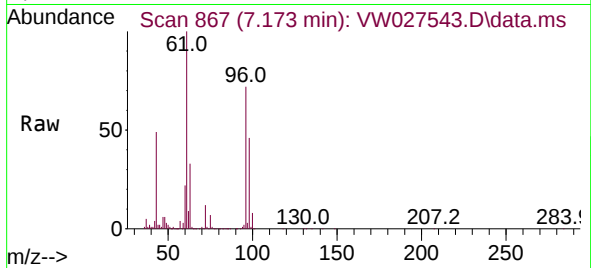




#22
2-Butanone
Concen: 50.791 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

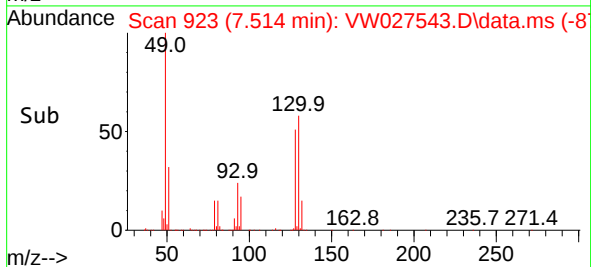
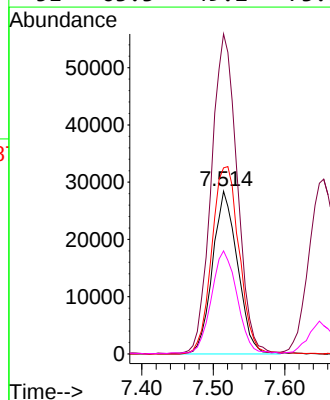
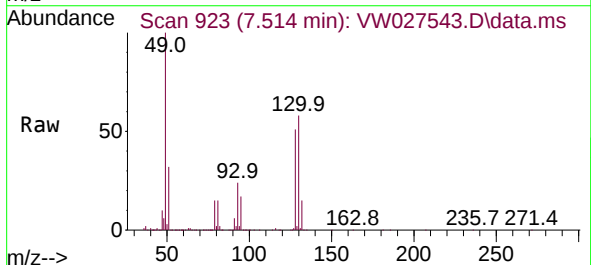
Instrument :
MSVOA_W
ClientSampleId :

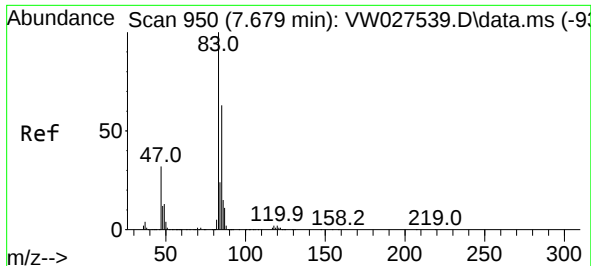
Tgt Ion: 43 Resp: 121370
Ion Ratio Lower Upper
43 100
72 24.4 12.3 36.9



#23
Bromochloromethane
Concen: 24.517 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 128 Resp: 68983
Ion Ratio Lower Upper
128 100
49 196.7 139.7 259.5
130 114.3 83.4 155.0
51 63.3 49.2 73.8

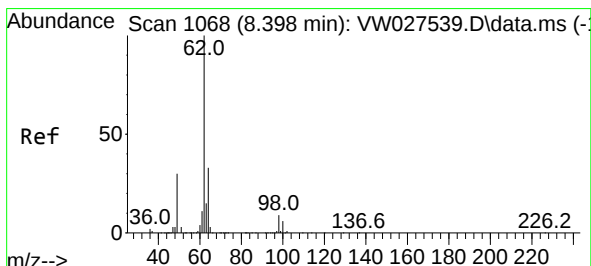
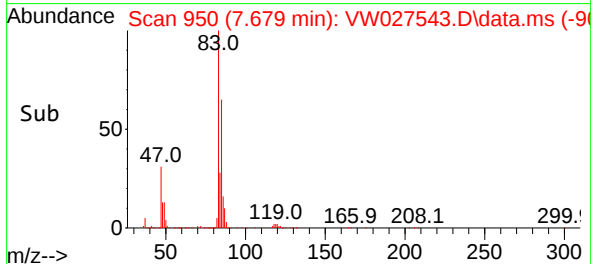
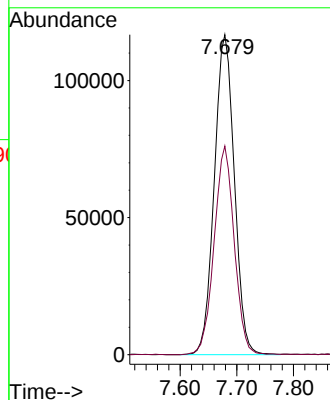
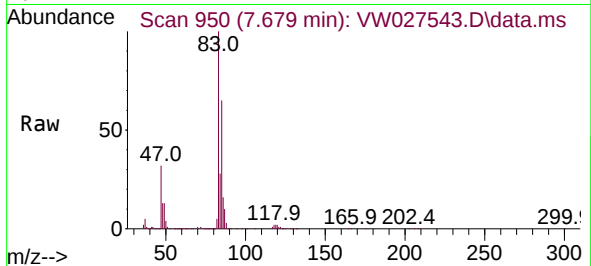




#25
Chloroform
Concen: 24.775 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

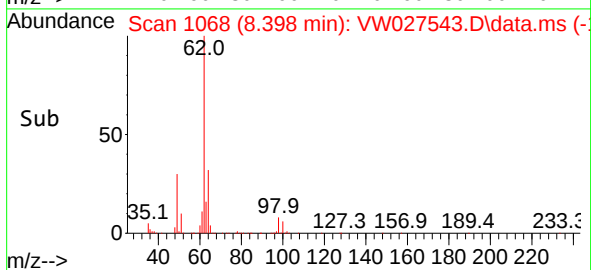
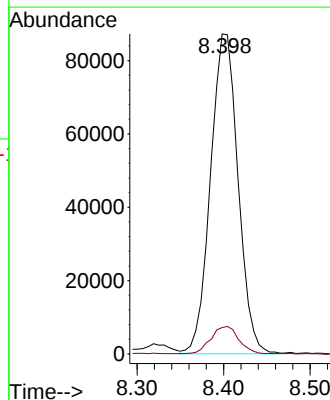
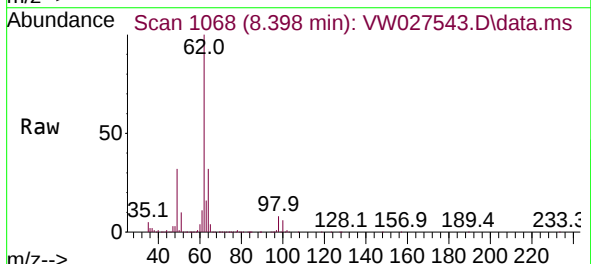
Instrument :
MSVOA_W
ClientSampleId :

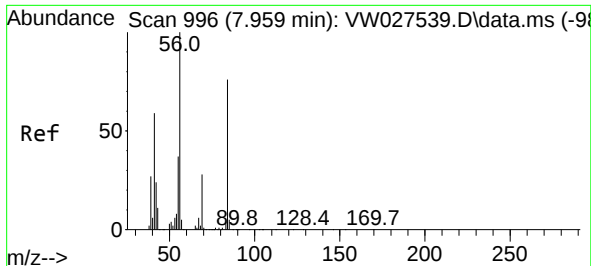
Tgt Ion: 83 Resp: 286687
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.0



#27
1,2-Dichloroethane
Concen: 25.328 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 62 Resp: 192854
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0





#29

Cyclohexane

Concen: 23.714 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

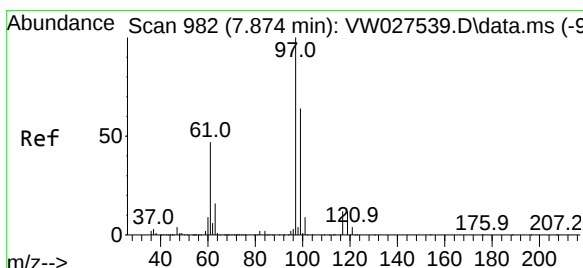
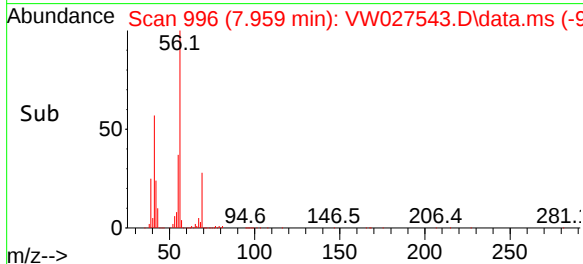
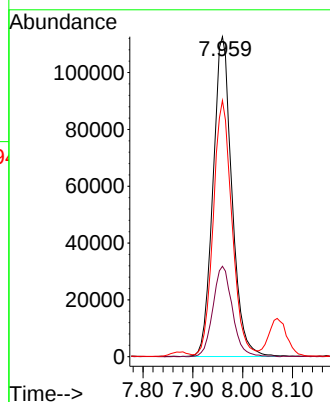
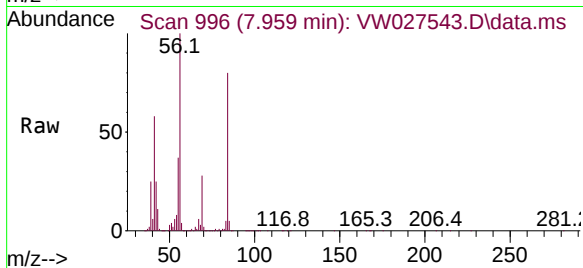
Tgt Ion: 56 Resp: 296959

Ion Ratio Lower Upper

56 100

69 28.9 23.0 34.6

84 79.1 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 23.646 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

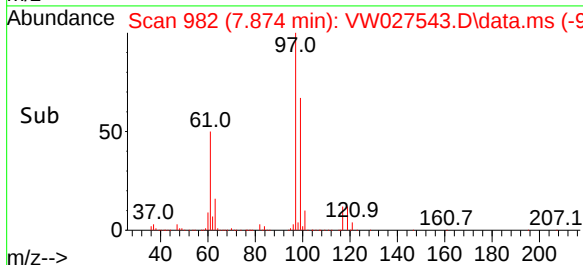
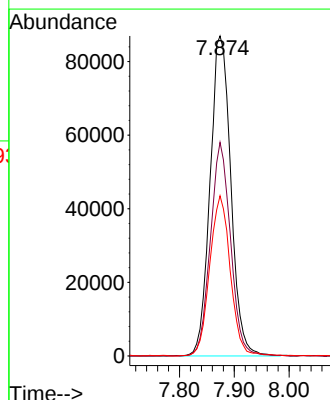
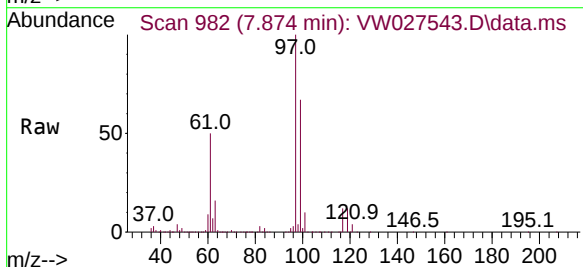
Tgt Ion: 97 Resp: 228780

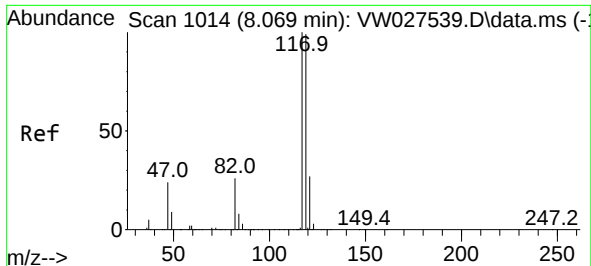
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 49.6 39.1 58.7

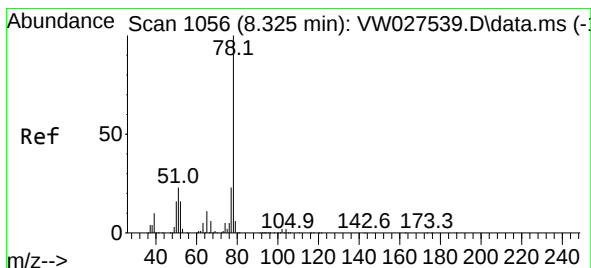
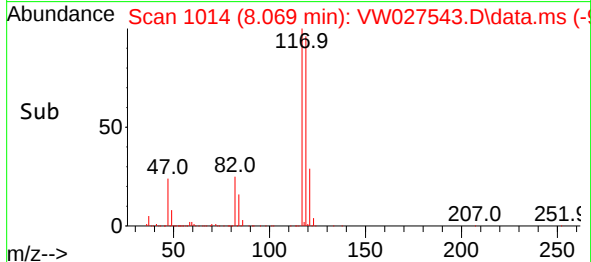
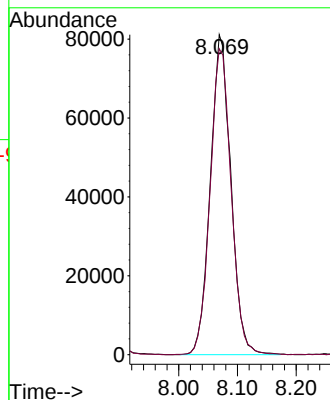
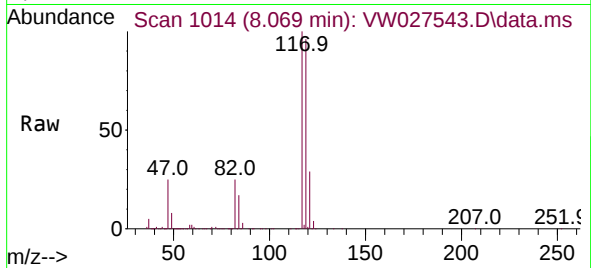




#31
Carbon tetrachloride
Concen: 23.270 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

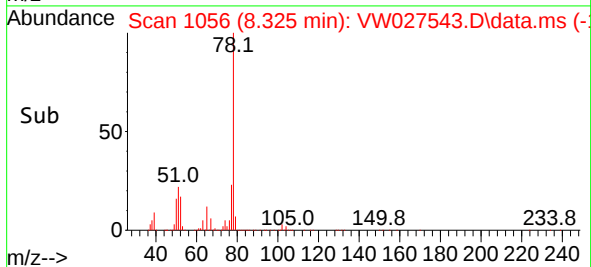
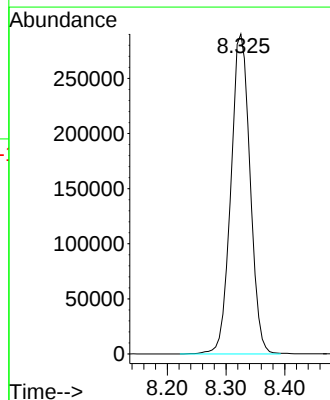
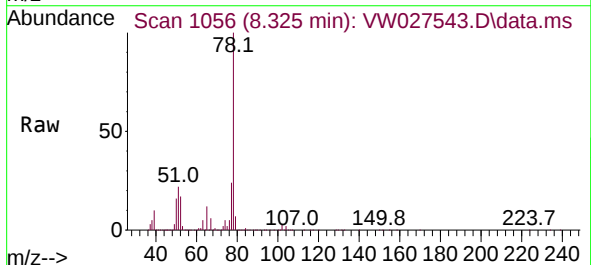
Instrument :
MSVOA_W
ClientSampleId :

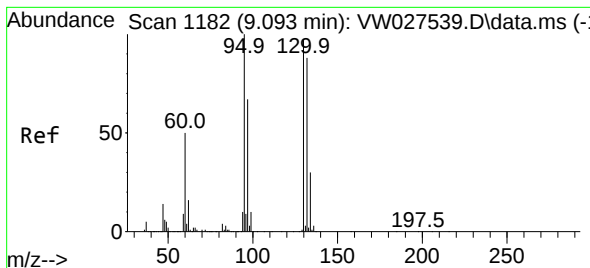
Tgt Ion:117 Resp: 197064
Ion Ratio Lower Upper
117 100
119 97.9 76.5 114.7



#33
Benzene
Concen: 24.113 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 78 Resp: 658654





#34

Trichloroethene

Concen: 23.806 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

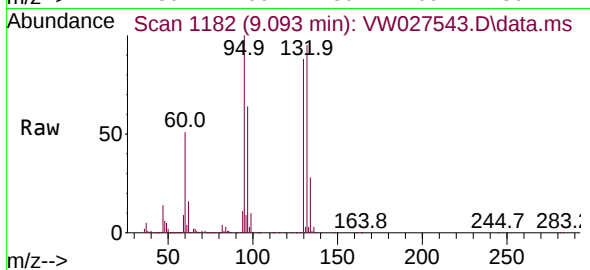
Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 168067

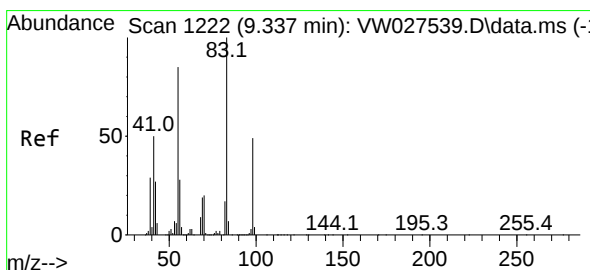
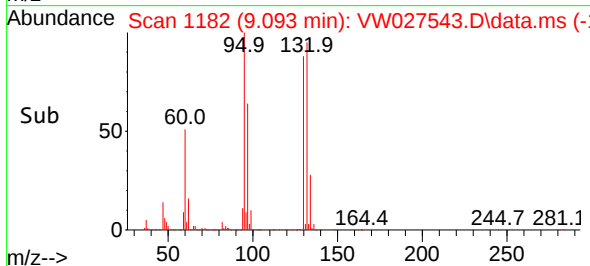
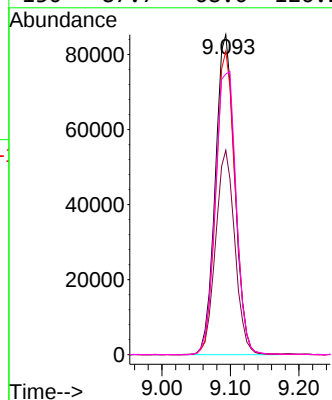
Ion Ratio Lower Upper

95 100

97 63.9 46.9 87.1

132 94.8 61.8 114.8

130 87.7 68.0 126.2



#35

Methylcyclohexane

Concen: 23.683 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

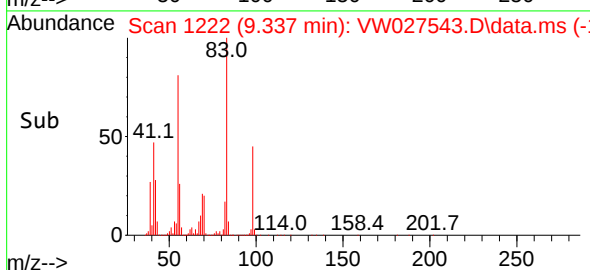
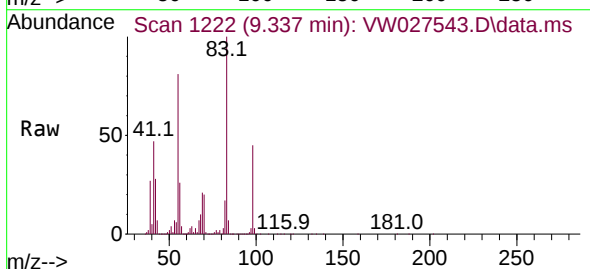
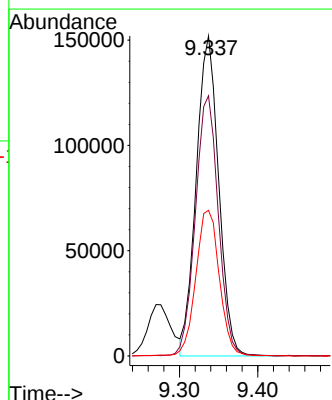
Tgt Ion: 83 Resp: 302858

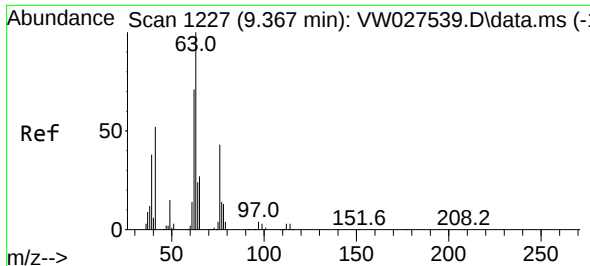
Ion Ratio Lower Upper

83 100

55 83.0 66.2 99.2

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.280 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

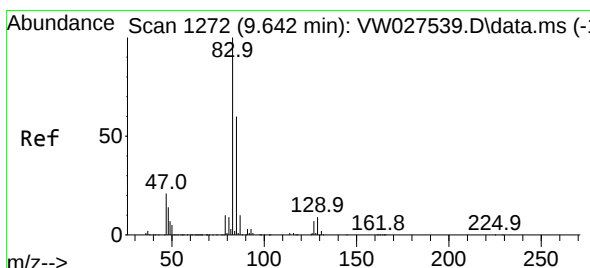
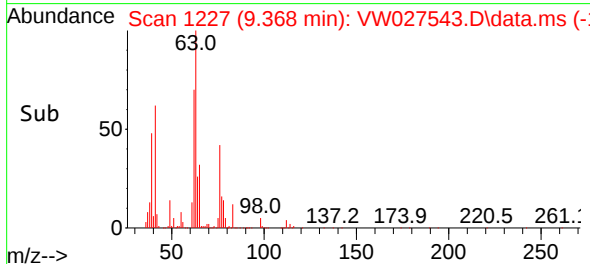
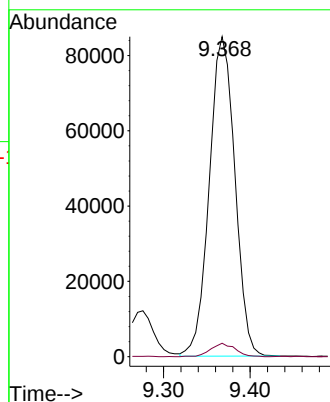
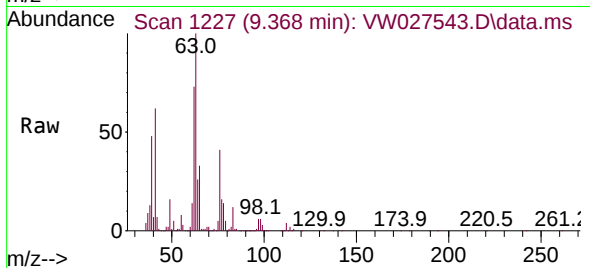
ClientSampleId :

Tgt Ion: 63 Resp: 174377

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 24.745 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

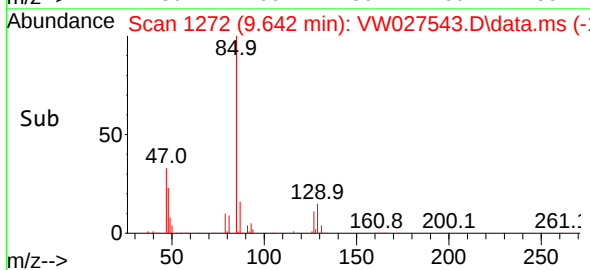
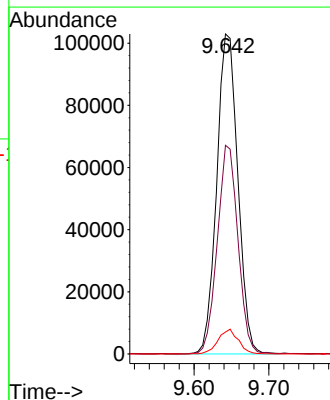
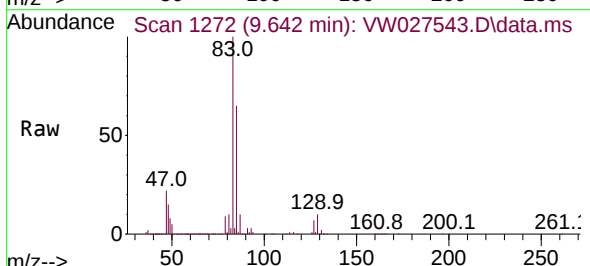
Tgt Ion: 83 Resp: 202144

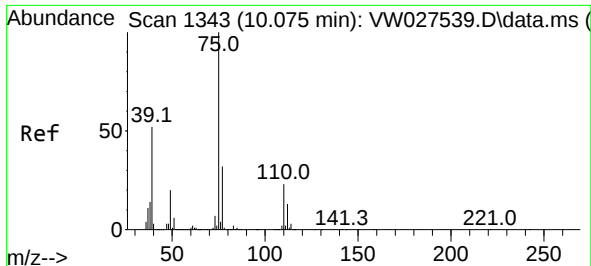
Ion Ratio Lower Upper

83 100

85 65.2 42.2 78.4

127 6.9 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 25.154 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

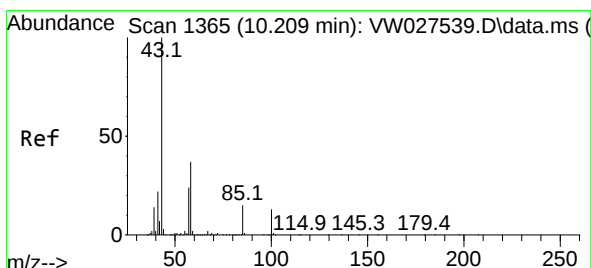
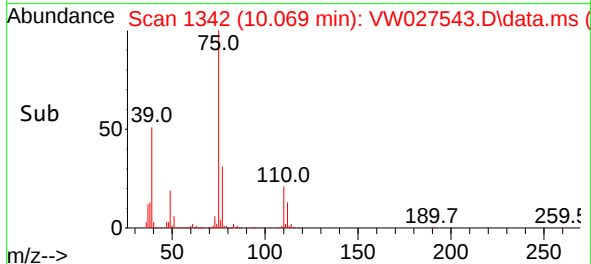
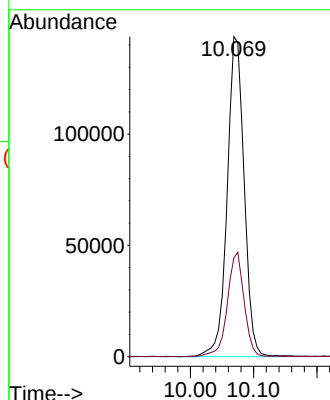
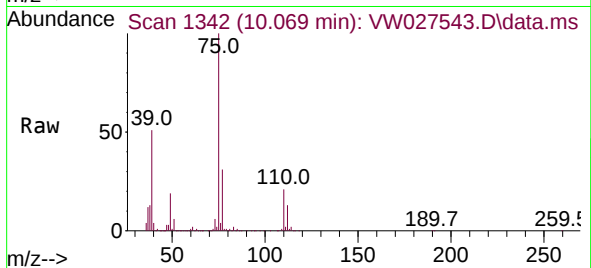
ClientSampleId :

Tgt Ion: 75 Resp: 267504

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.765 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

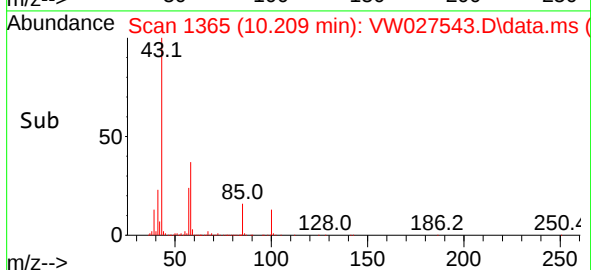
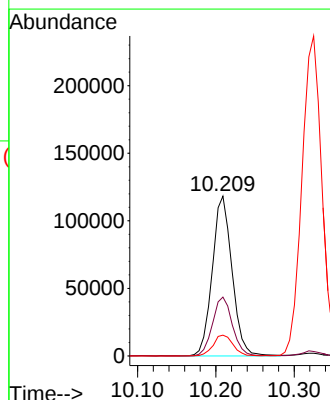
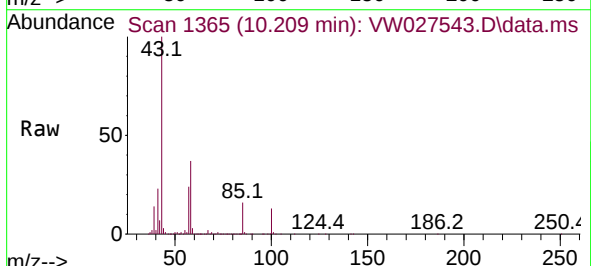
Tgt Ion: 43 Resp: 207597

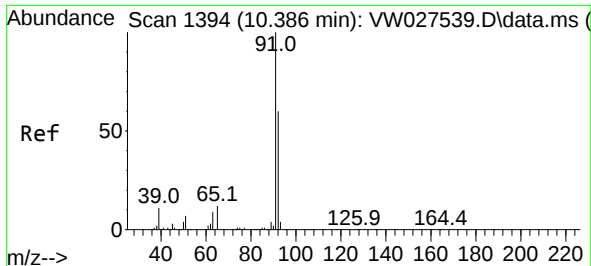
Ion Ratio Lower Upper

43 100

58 37.1 29.6 44.4

100 13.2 10.7 16.1

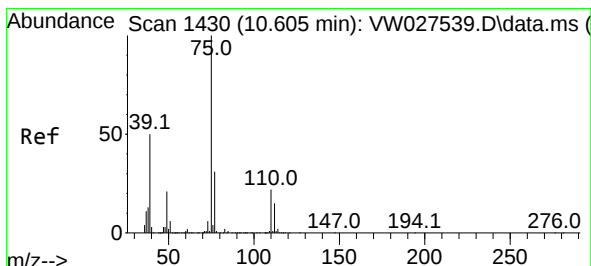
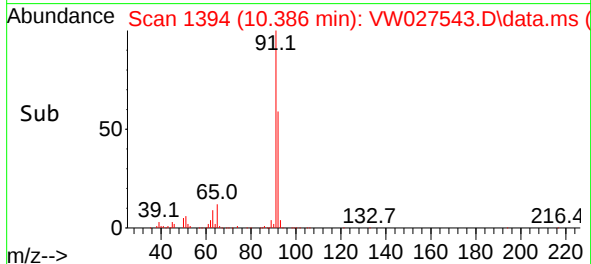
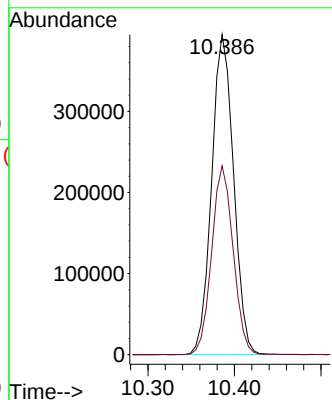
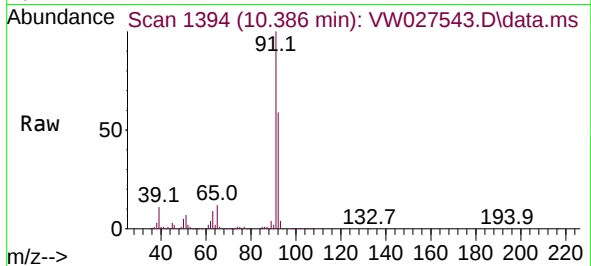




#42
Toluene
Concen: 24.491 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

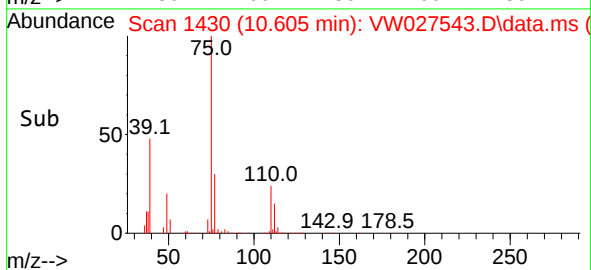
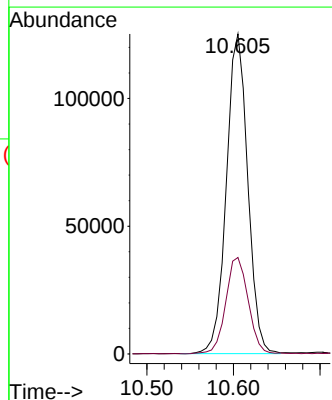
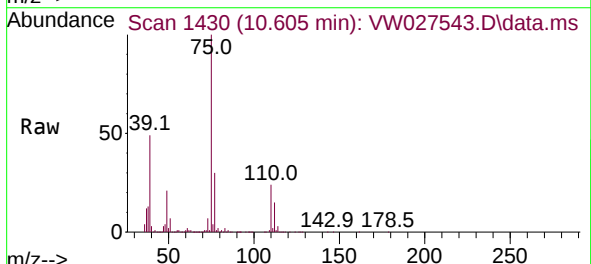
Instrument :
MSVOA_W
ClientSampleId :

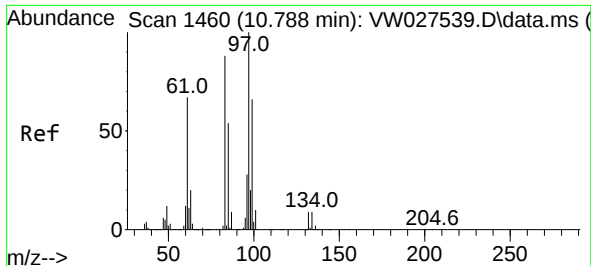
Tgt Ion: 91 Resp: 694037
Ion Ratio Lower Upper
91 100
92 59.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.116 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 75 Resp: 214297
Ion Ratio Lower Upper
75 100
77 30.2 22.0 41.0



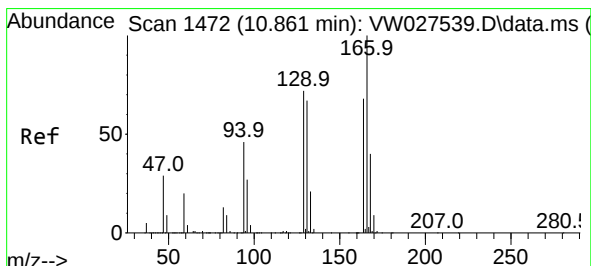
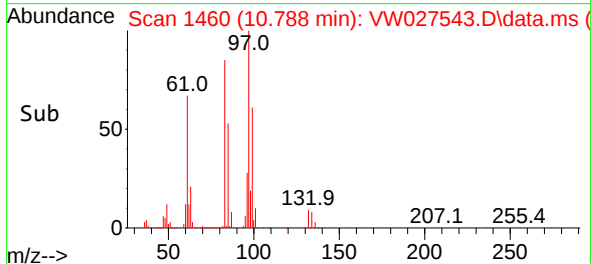
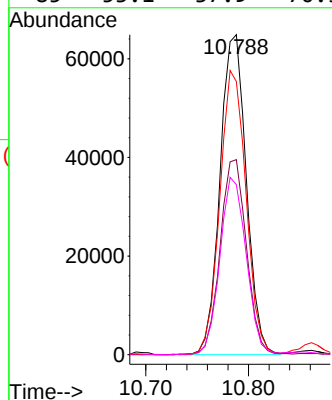
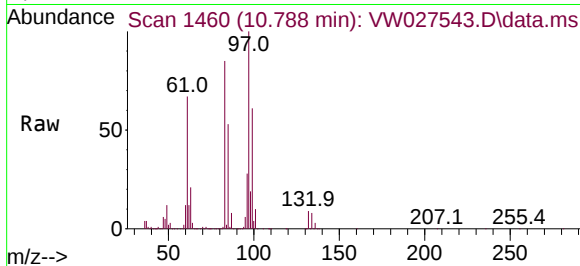


#45
1,1,2-Trichloroethane
Concen: 24.693 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 115314

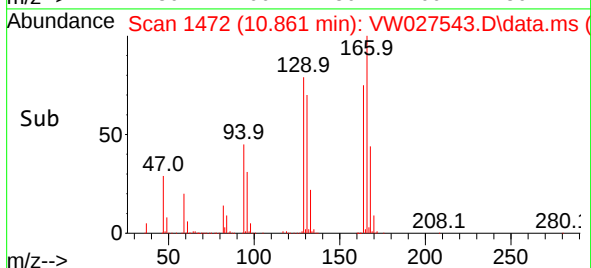
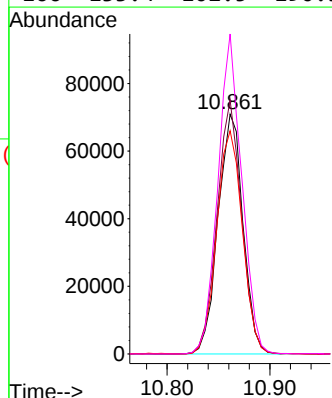
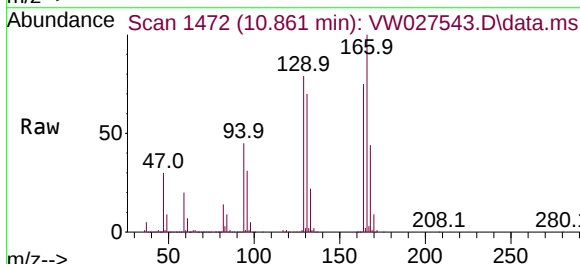
Ion	Ratio	Lower	Upper
97	100		
99	61.0	46.1	85.5
83	85.3	61.5	114.3
85	53.1	37.9	70.5

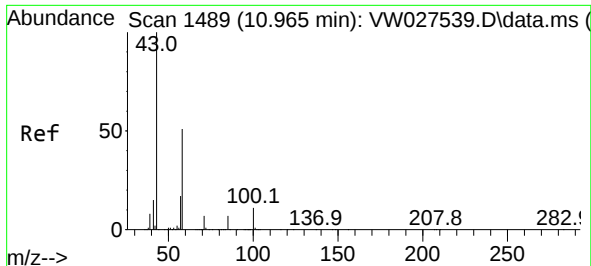


#46
Tetrachloroethene
Concen: 23.628 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 164 Resp: 119709

Ion	Ratio	Lower	Upper
164	100		
129	105.8	73.4	136.2
131	93.1	68.4	127.0
166	133.4	102.5	190.3

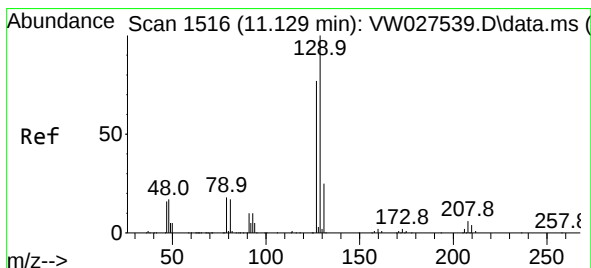
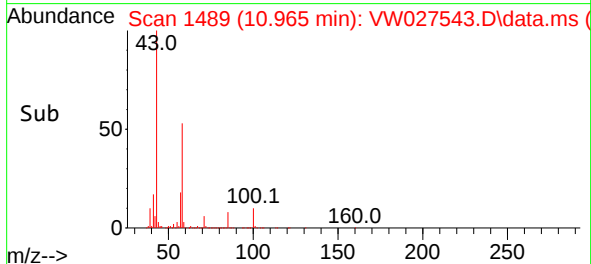
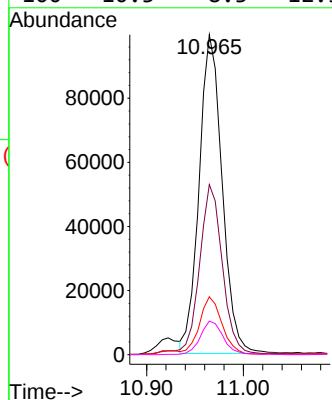
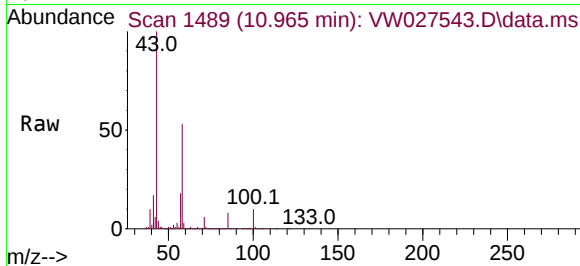




#48
2-Hexanone
Concen: 51.659 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

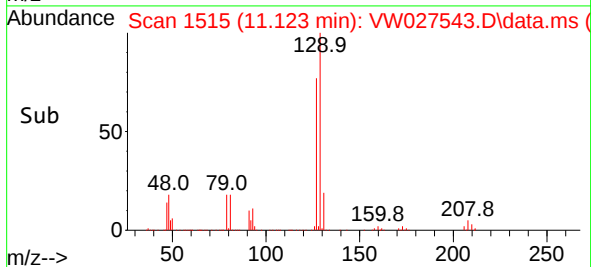
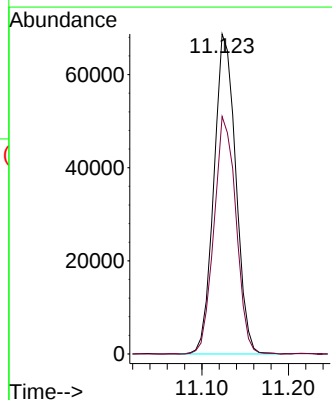
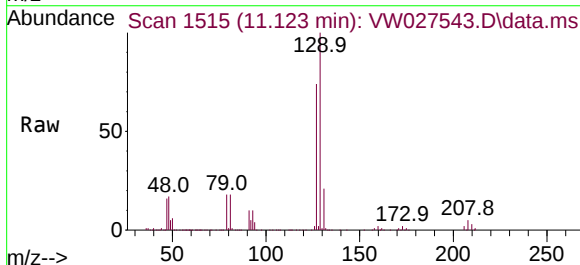
Instrument :
MSVOA_W
ClientSampleId :

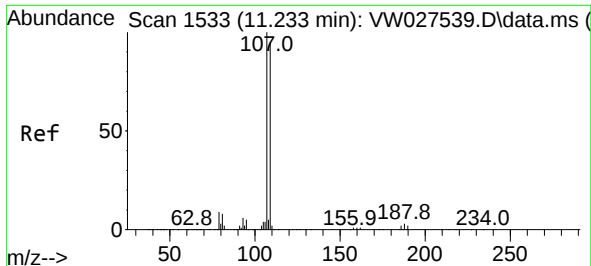
Tgt Ion: 43 Resp: 164857
Ion Ratio Lower Upper
43 100
58 51.8 41.7 62.5
57 18.0 14.2 21.2
100 10.3 8.3 12.5



#49
Dibromochloromethane
Concen: 25.550 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion: 129 Resp: 120627
Ion Ratio Lower Upper
129 100
127 74.2 54.1 100.5





#50

1,2-Dibromoethane

Concen: 24.617 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

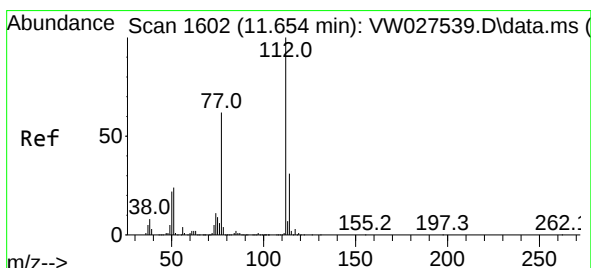
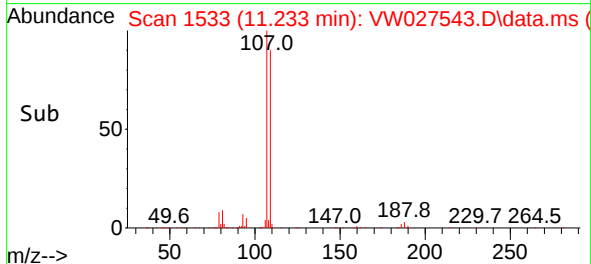
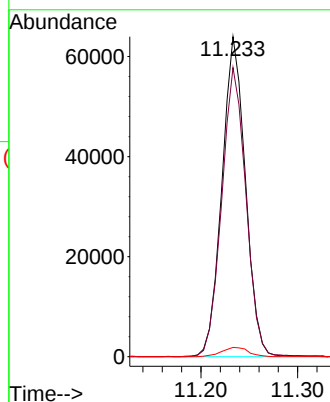
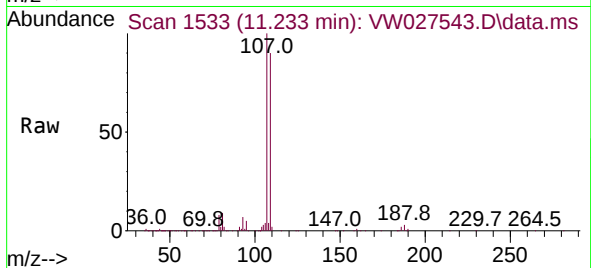
Tgt Ion:107 Resp: 107725

Ion Ratio Lower Upper

107 100

109 90.4 66.7 123.9

188 2.9 2.2 3.2



#51

Chlorobenzene

Concen: 23.959 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

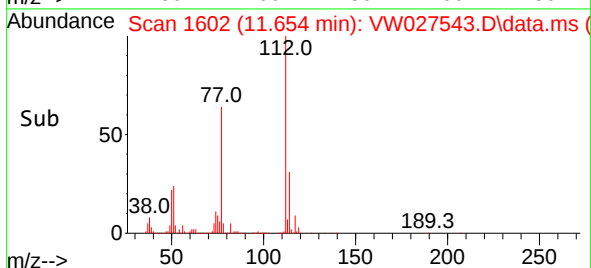
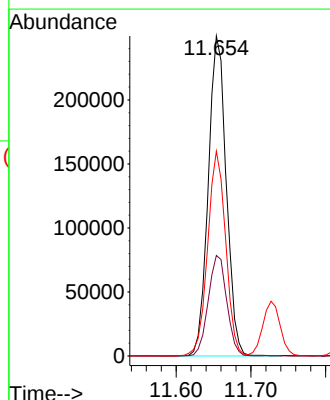
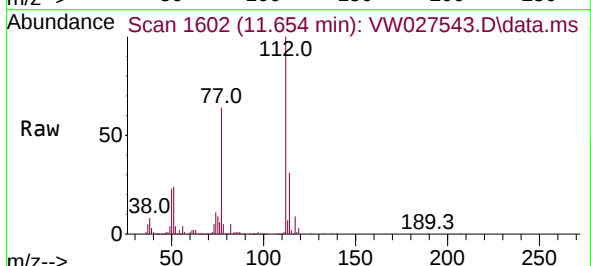
Tgt Ion:112 Resp: 417873

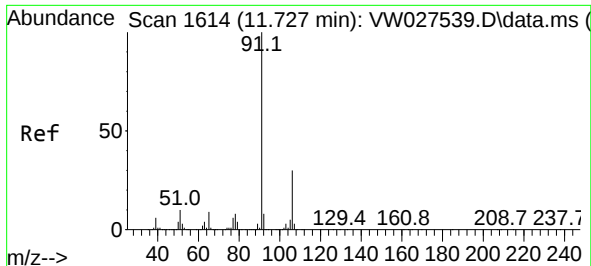
Ion Ratio Lower Upper

112 100

114 31.4 21.7 40.3

77 64.0 49.9 74.9

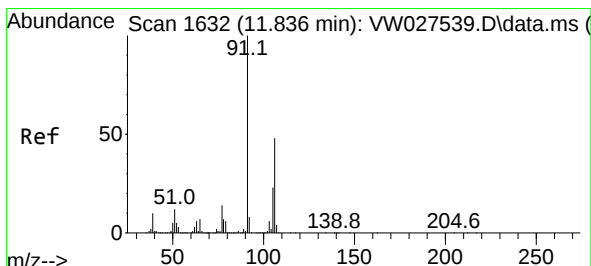
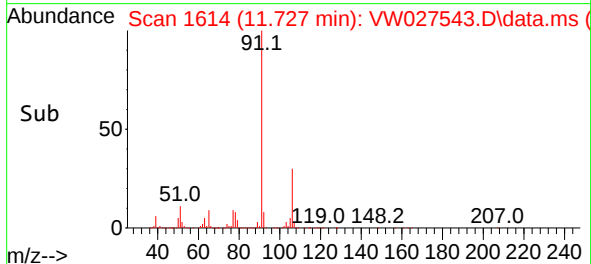
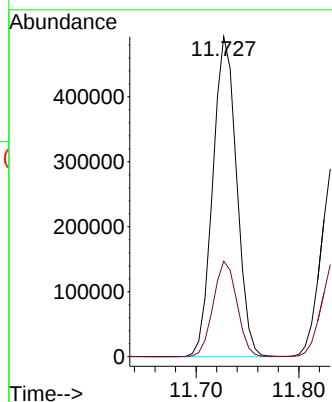
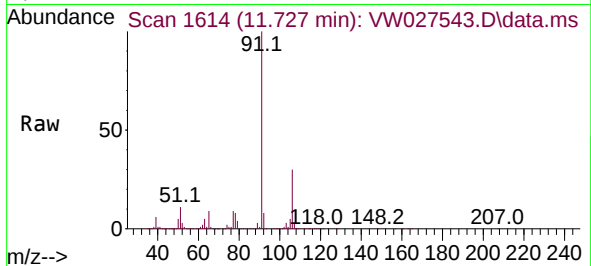




#52
Ethylbenzene
Concen: 24.491 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

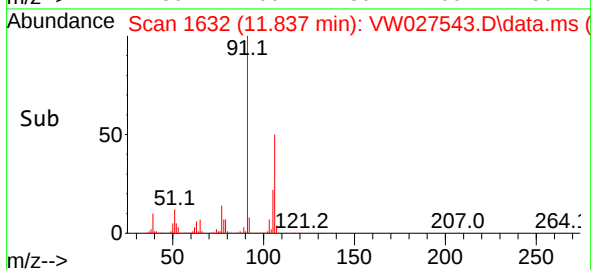
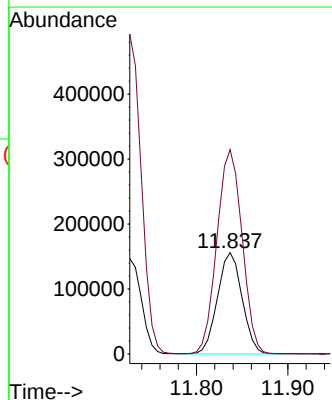
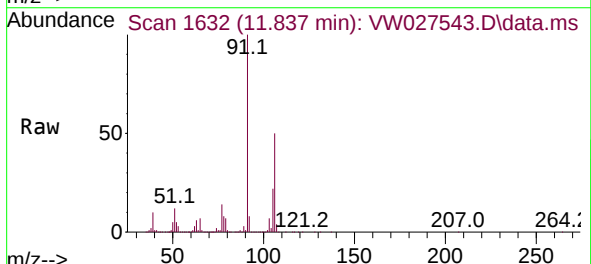
Instrument :
MSVOA_W
ClientSampleId :

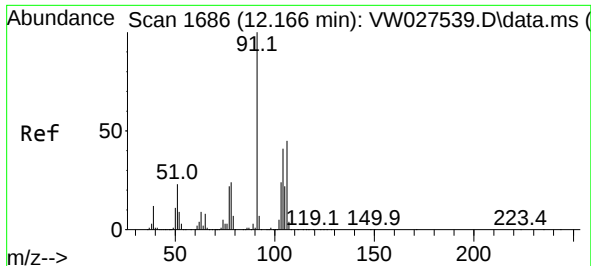
Tgt Ion: 91 Resp: 791522
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 24.479 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion:106 Resp: 291724
Ion Ratio Lower Upper
106 100
91 201.6 146.3 271.7

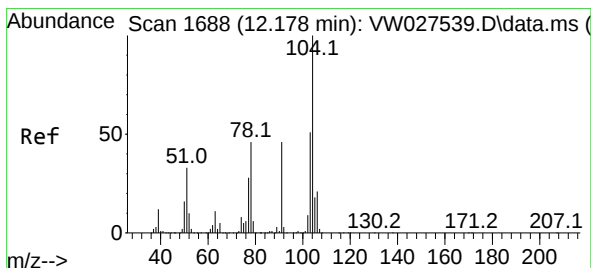
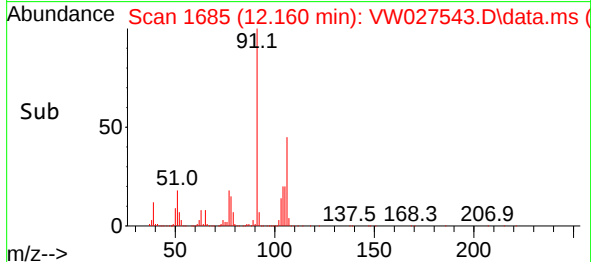
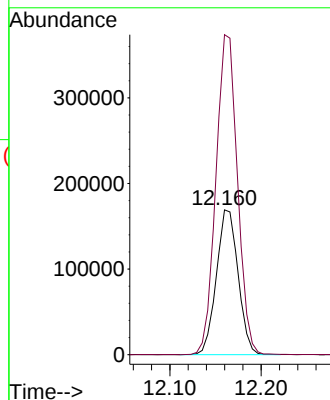
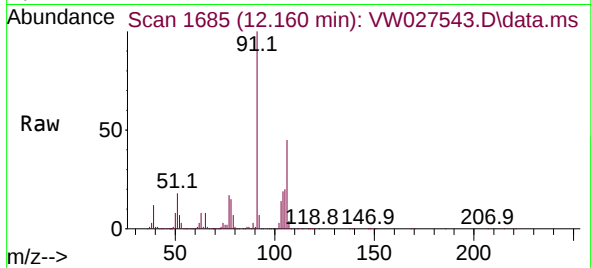




#54
o-Xylene
Concen: 24.798 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

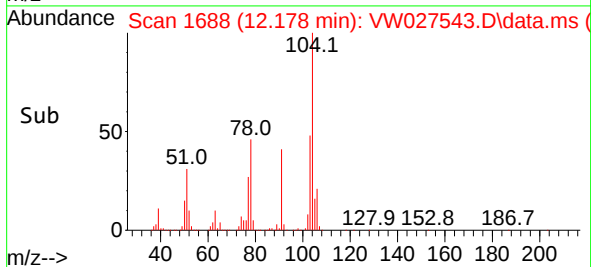
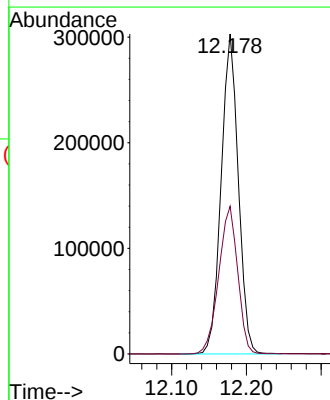
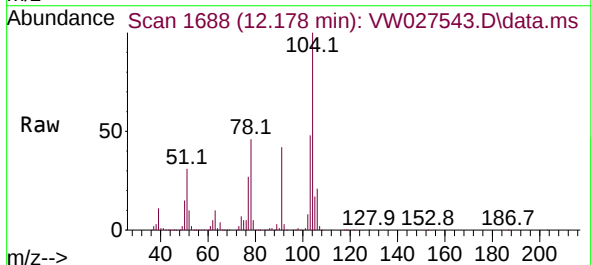
Instrument :
MSVOA_W
ClientSampleId :

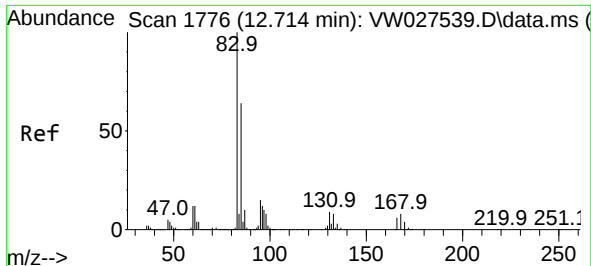
Tgt Ion:106 Resp: 279795
Ion Ratio Lower Upper
106 100
91 220.9 154.1 286.3



#55
Styrene
Concen: 25.253 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion:104 Resp: 482835
Ion Ratio Lower Upper
104 100
78 46.2 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.267 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

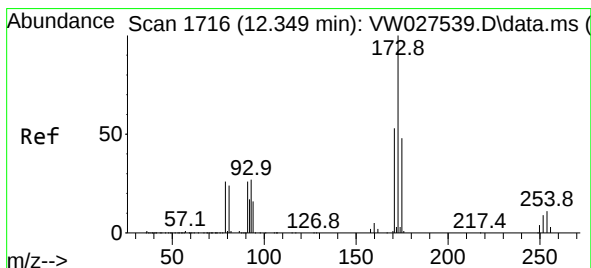
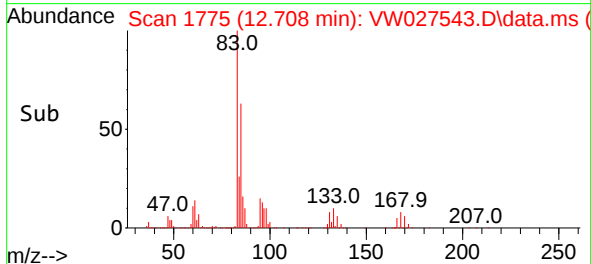
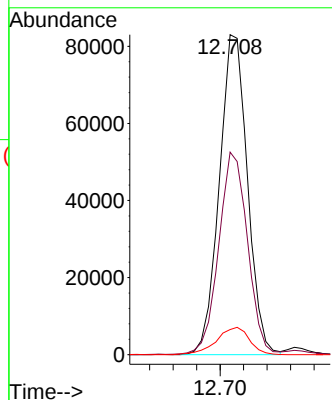
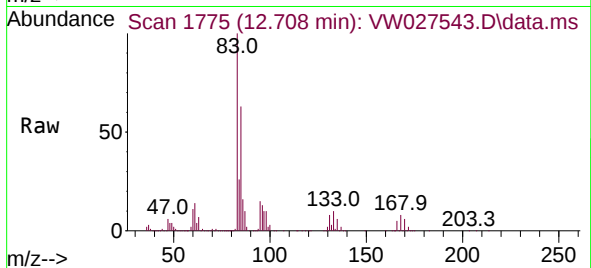
Tgt Ion: 83 Resp: 138228

Ion Ratio Lower Upper

83 100

85 63.3 44.6 82.8

131 7.8 7.3 10.9



#59

Bromoform

Concen: 24.512 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

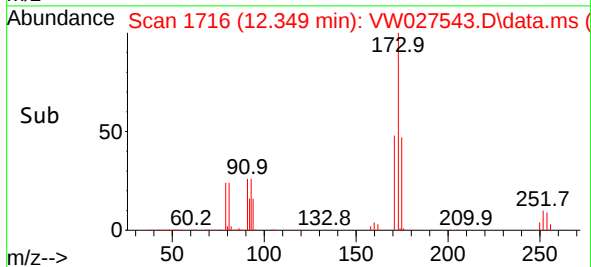
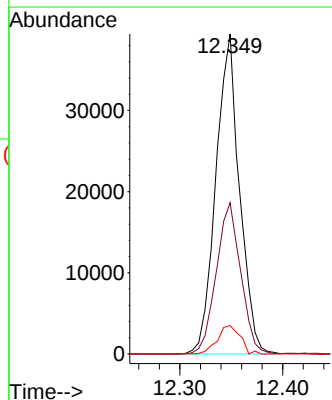
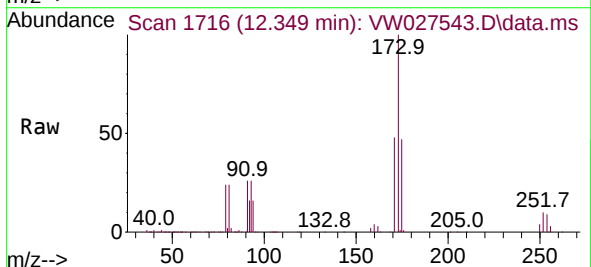
Tgt Ion:173 Resp: 62878

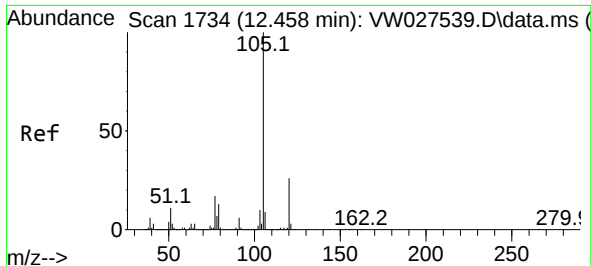
Ion Ratio Lower Upper

173 100

175 48.8 40.6 61.0

254 8.4 7.8 11.6

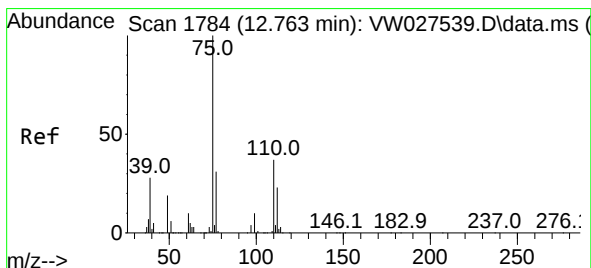
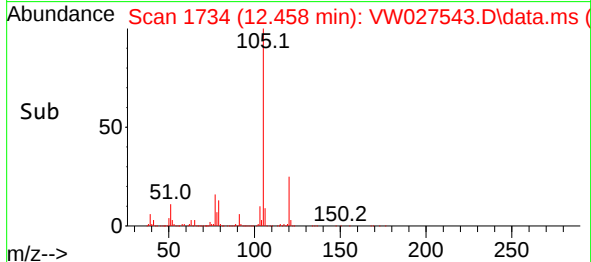
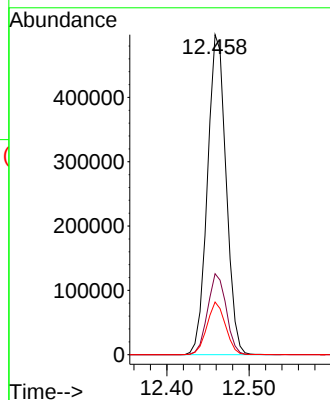
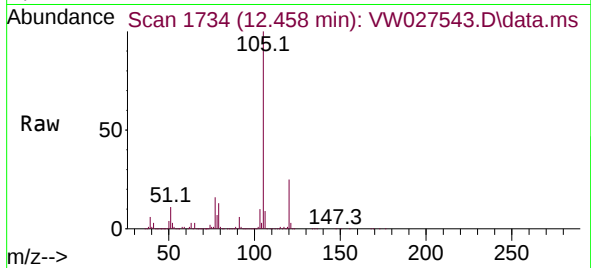




#60
Isopropylbenzene
Concen: 24.052 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

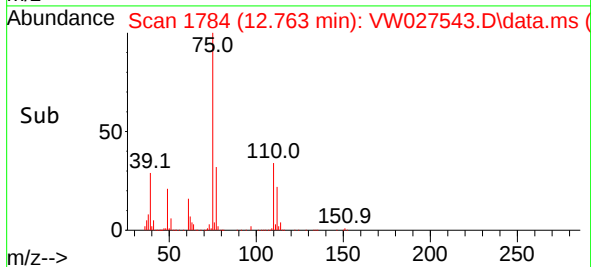
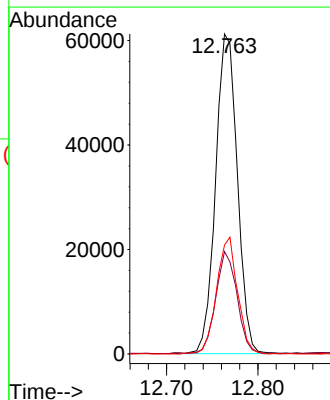
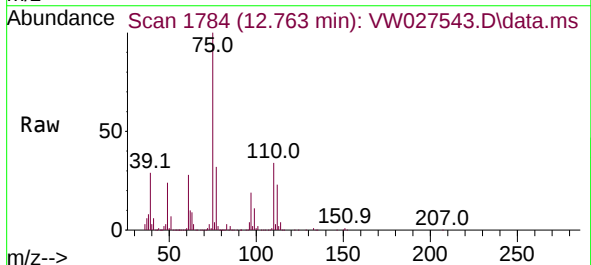
Instrument :
MSVOA_W
ClientSampleId :

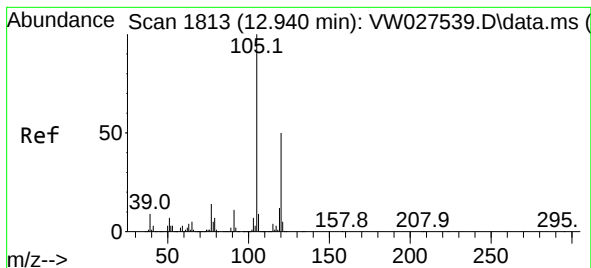
Tgt Ion:105 Resp: 782900
Ion Ratio Lower Upper
105 100
120 25.2 20.8 31.2
77 16.3 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 24.746 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

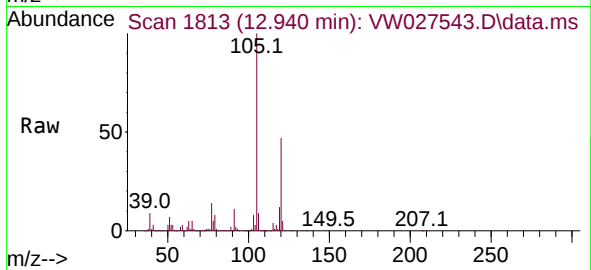
Tgt Ion: 75 Resp: 101452
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
110 35.1 28.8 43.2



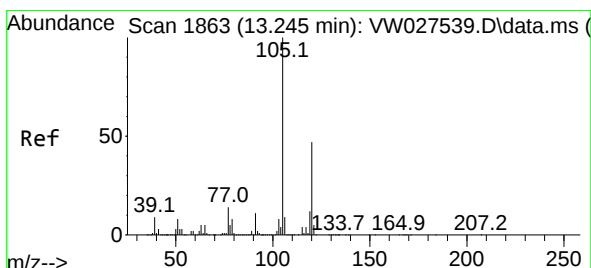
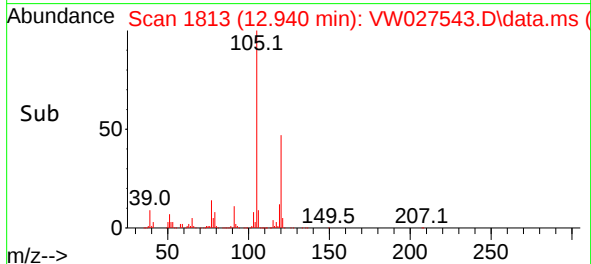
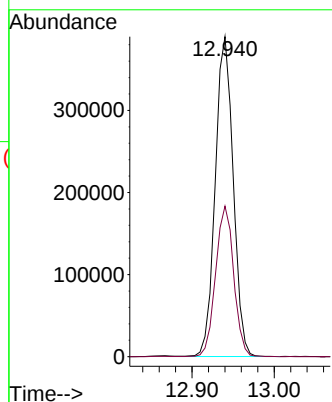


#62
1,3,5-Trimethylbenzene
Concen: 23.809 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :

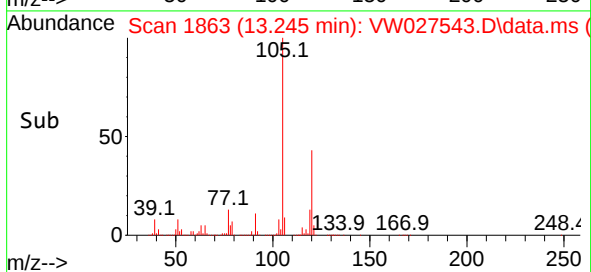
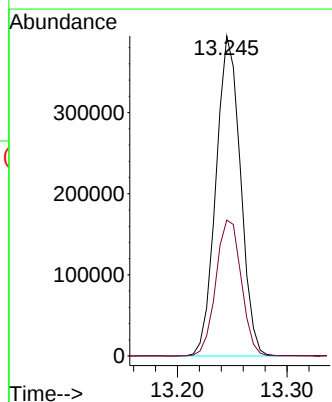
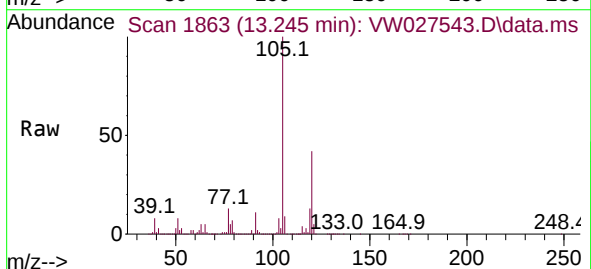


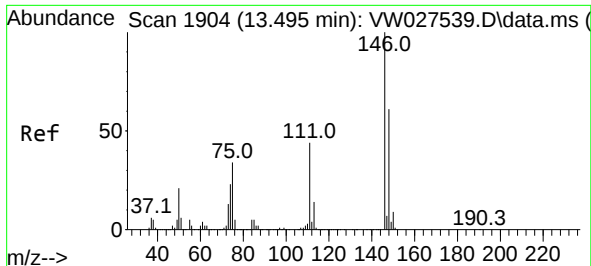
Tgt Ion:105 Resp: 590883
Ion Ratio Lower Upper
105 100
120 47.5 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 24.100 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion:105 Resp: 612107
Ion Ratio Lower Upper
105 100
120 43.9 36.6 54.8

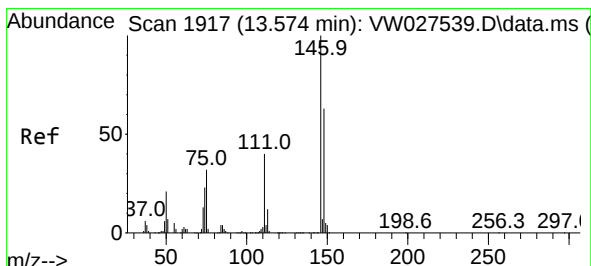
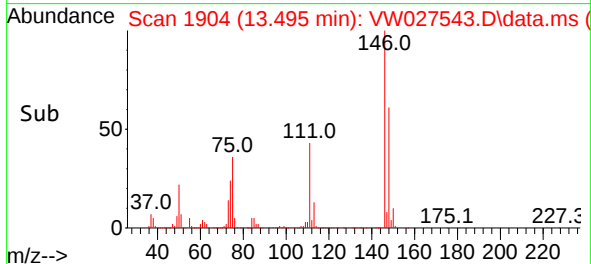
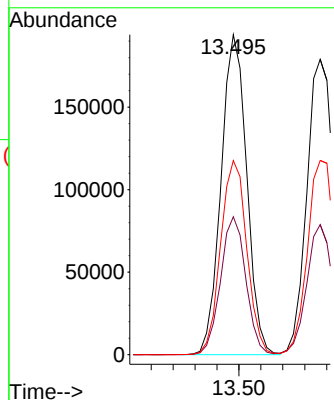
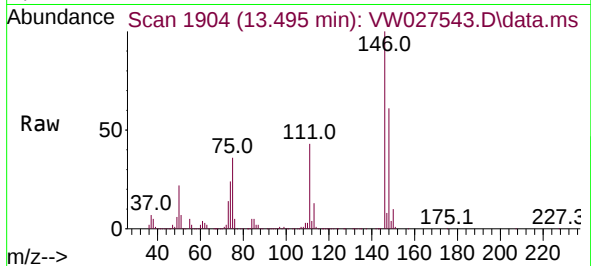




#64
1,3-Dichlorobenzene
Concen: 23.832 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

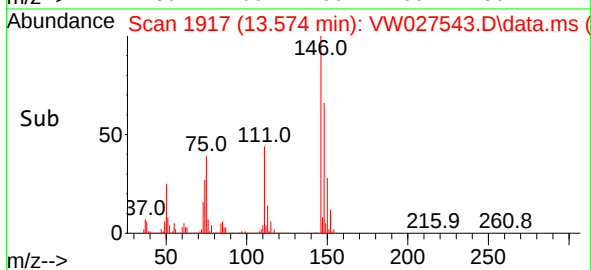
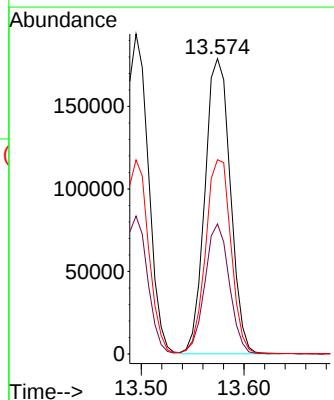
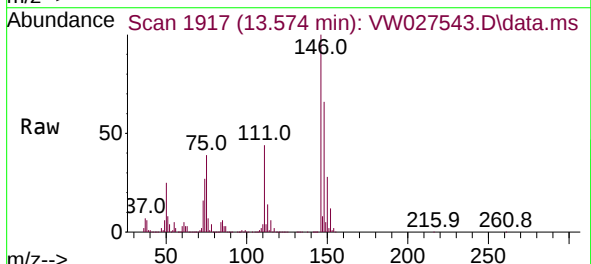
Instrument :
MSVOA_W
ClientSampleId :

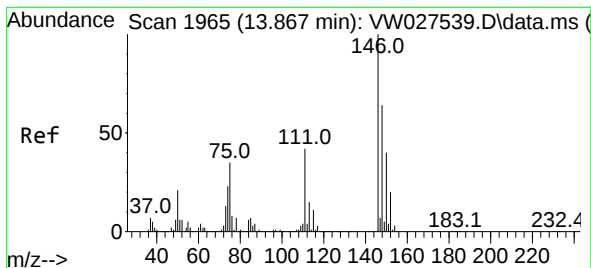
Tgt Ion:146 Resp: 315229
Ion Ratio Lower Upper
146 100
111 43.1 30.5 56.7
148 60.7 43.0 79.8



#65
1,4-Dichlorobenzene
Concen: 23.220 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027543.D
Acq: 06 Nov 2023 12:05

Tgt Ion:146 Resp: 307687
Ion Ratio Lower Upper
146 100
111 44.1 27.9 51.9
148 65.8 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 23.682 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

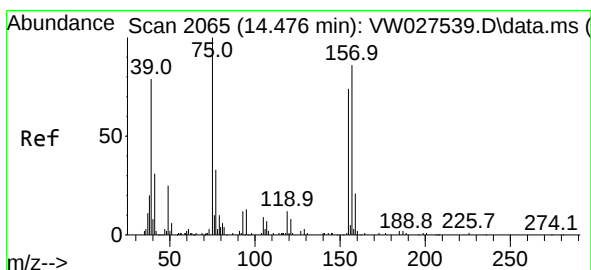
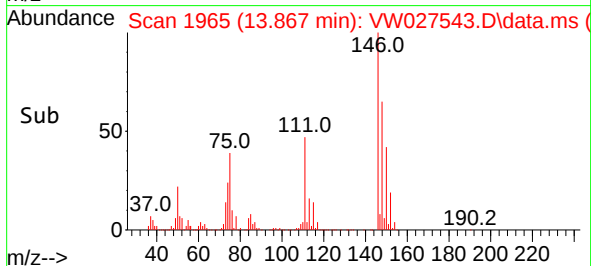
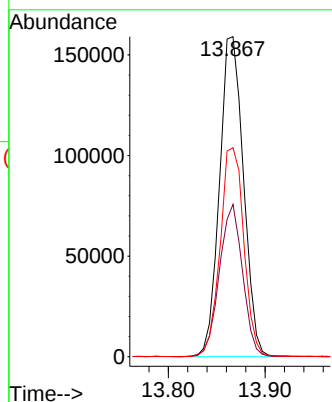
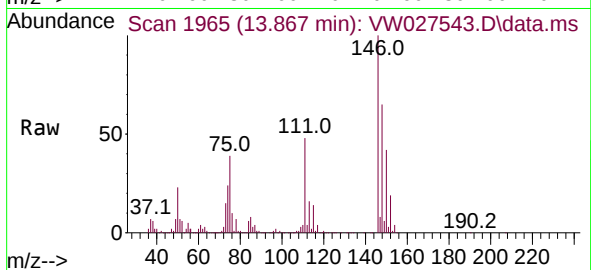
Tgt Ion:146 Resp: 273345

Ion Ratio Lower Upper

146 100

111 47.6 33.4 50.2

148 65.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.869 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

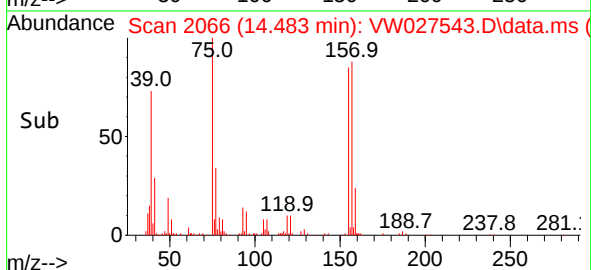
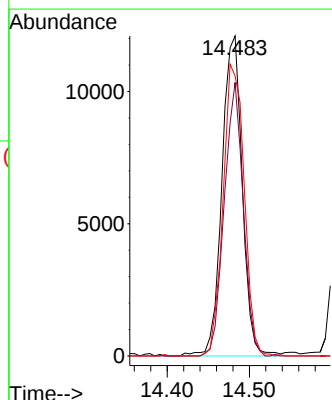
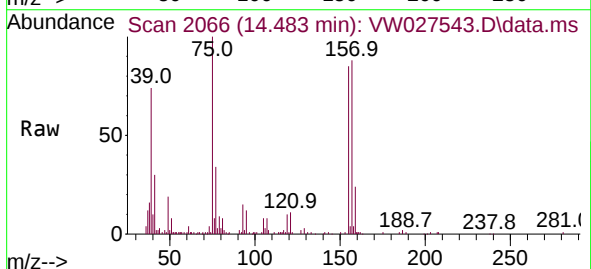
Tgt Ion: 75 Resp: 20810

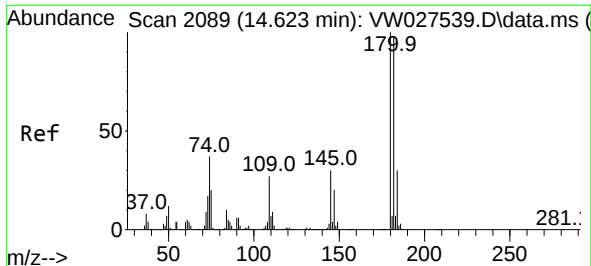
Ion Ratio Lower Upper

75 100

155 85.5 59.0 88.6

157 87.5 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 23.651 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 200677

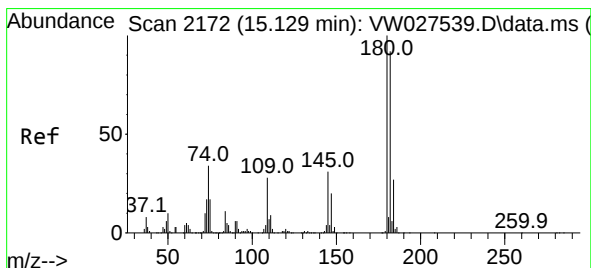
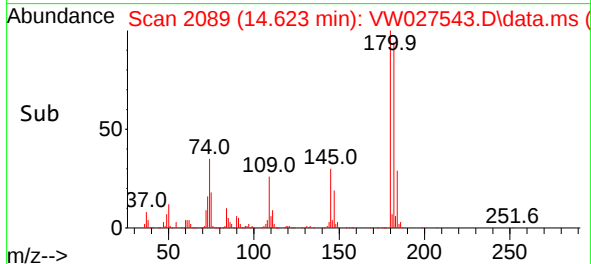
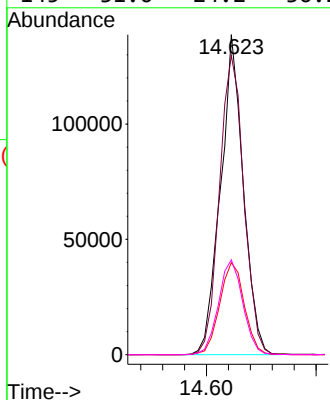
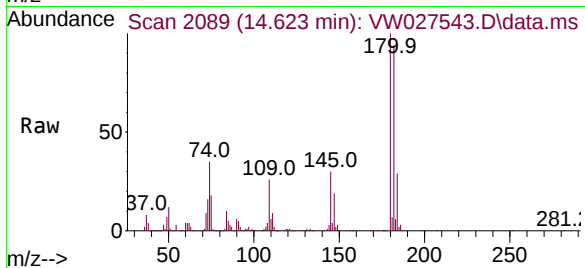
Ion Ratio Lower Upper

180 100

182 99.7 78.4 117.6

184 31.1 23.4 35.0

145 31.6 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.513 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

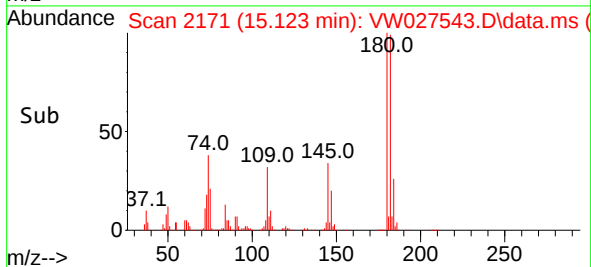
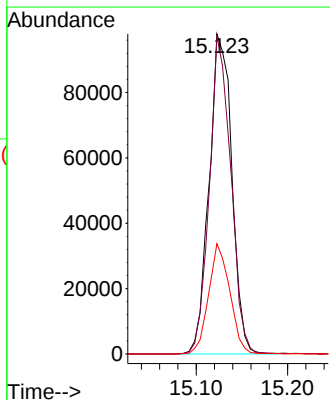
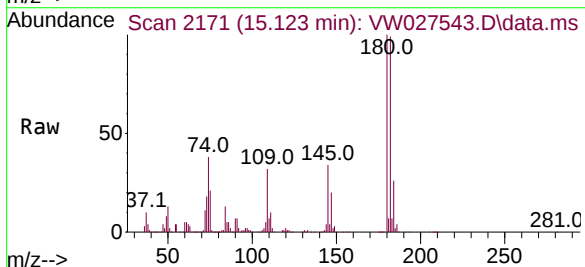
Tgt Ion:180 Resp: 168998

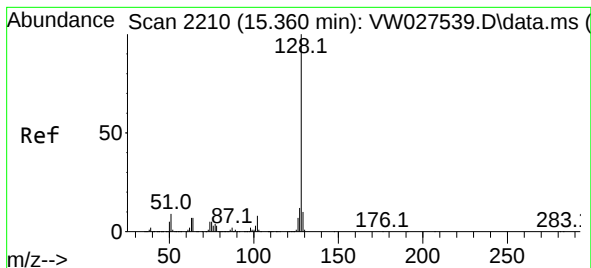
Ion Ratio Lower Upper

180 100

182 93.7 70.3 105.5

145 32.2 24.8 37.2





#71

Naphthalene

Concen: 25.941 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

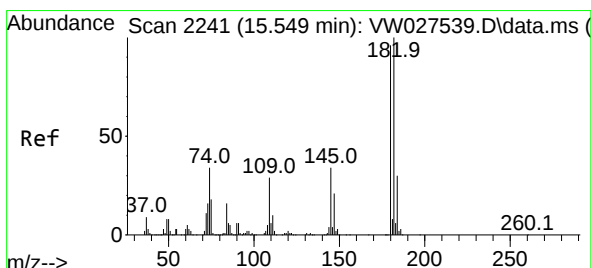
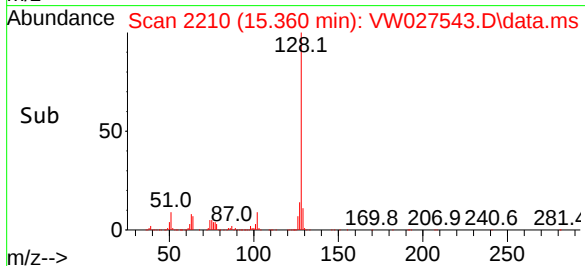
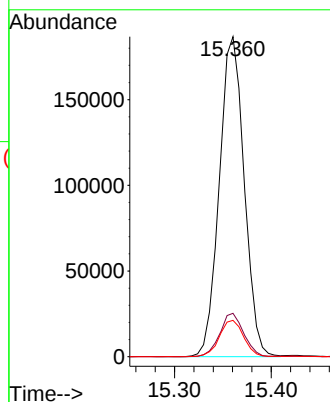
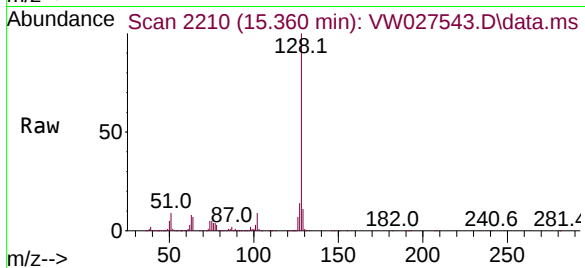
Tgt Ion:128 Resp: 333006

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.083 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027543.D

Acq: 06 Nov 2023 12:05

Tgt Ion:180 Resp: 143819

Ion Ratio Lower Upper

180 100

182 97.4 76.5 114.7

145 35.2 27.5 41.3

