

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027718.D
 Acq On : 18 Dec 2023 09:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 22:12:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	382141	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	336433	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	115609	21.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
7) Chloroethane-d5	2.899	69	94292	22.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	4.021	65	48182	22.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.920%
21) 2-Butanone-d5	7.081	46	47205	51.222	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.440%
24) Chloroform-d	7.648	84	221915	24.405	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.307	65	104623	24.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	8.276	84	478634	24.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.270	67	136910	24.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	10.318	98	435754	23.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.575	79	55190	25.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.922	63	44209	54.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108862	25.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	151776	24.974	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	95012	21.362	ug/L	98
3) Chloromethane	2.222	50	117969	22.518	ug/L	98
5) Vinyl chloride	2.375	62	140271	22.506	ug/L	100
6) Bromomethane	2.795	94	92255	23.255	ug/L	90
8) Chloroethane	2.936	64	82912	22.250	ug/L	97
9) Trichlorofluoromethane	3.271	101	127540	22.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	107681	22.519	ug/L #	79
12) 1,1-Dichloroethene	4.045	96	112688	24.074	ug/L	97
13) Acetone	4.137	43	45993	54.977	ug/L	96
14) Carbon disulfide	4.387	76	361818	23.008	ug/L	99
15) Methyl Acetate	4.679	43	35739	23.646	ug/L	98
16) Methylene chloride	4.917	84	117993	19.692	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	116895	23.616	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	151206	23.105	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196361	23.329	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	124026	23.803	ug/L	95
22) 2-Butanone	7.179	43	55549	50.002	ug/L	97
23) Bromochloromethane	7.520	128	52974	24.077	ug/L	95
25) Chloroform	7.679	83	195170	23.545	ug/L	93

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 Response via : Initial Calibration

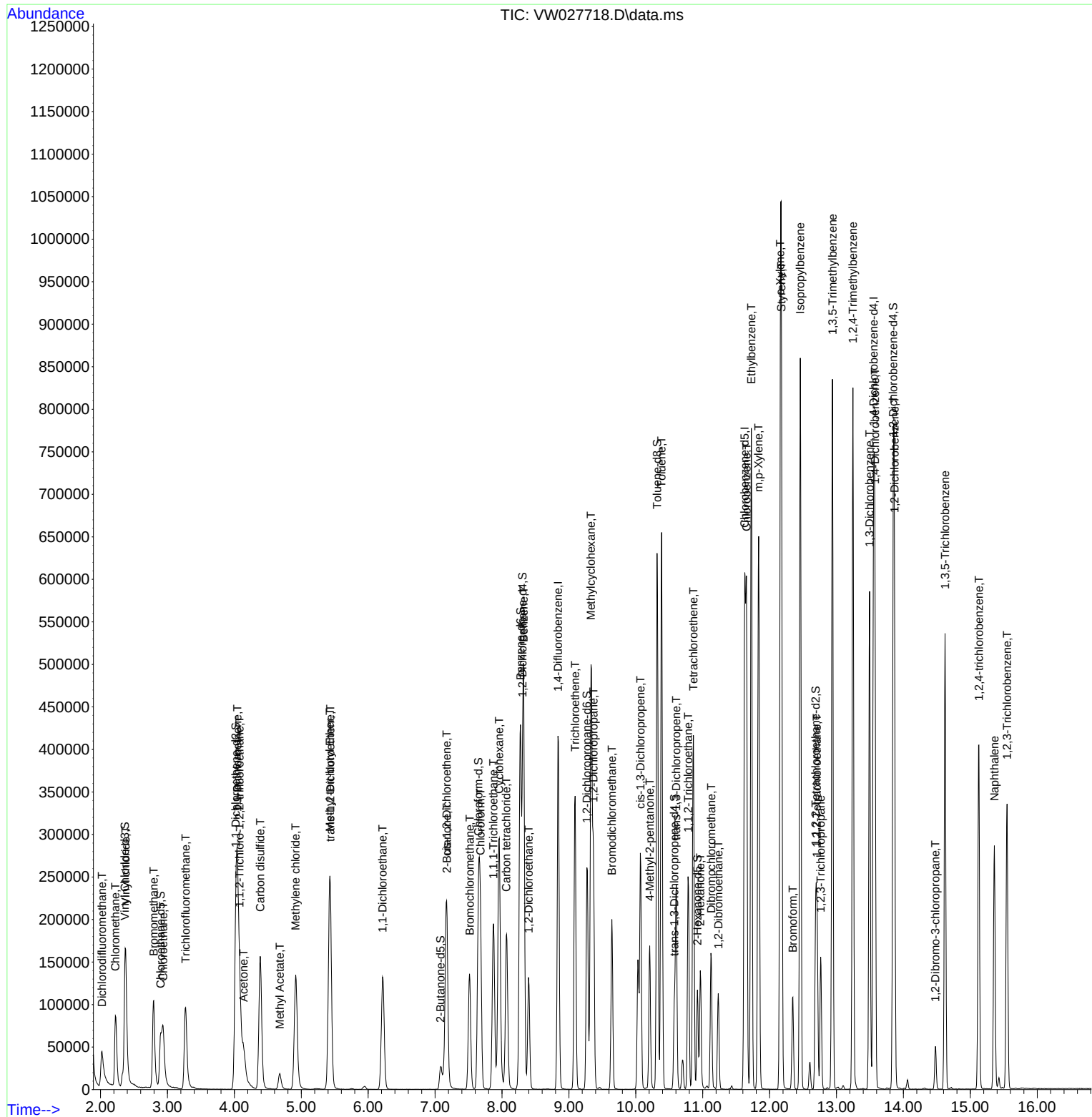
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118089	24.298	ug/L	99
29) Cyclohexane	7.959	56	180985	22.736	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	164175	23.361	ug/L	98
31) Carbon tetrachloride	8.063	117	146164	23.633	ug/L	97
33) Benzene	8.325	78	463213	23.751	ug/L	100
34) Trichloroethene	9.093	95	126086	23.718	ug/L	95
35) Methylcyclohexane	9.331	83	222744	23.231	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110616	23.496	ug/L	100
38) Bromodichloromethane	9.642	83	136553	23.864	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	176219	24.558	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	104138	50.610	ug/L	100
42) Toluene	10.386	91	495319	23.604	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140333	24.835	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	83722	24.020	ug/L	97
46) Tetrachloroethene	10.861	164	101928	24.011	ug/L	91
48) 2-Hexanone	10.965	43	82728	54.016	ug/L	98
49) Dibromochloromethane	11.129	129	90040	24.699	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78236	23.619	ug/L	92
51) Chlorobenzene	11.654	112	314750	23.477	ug/L	92
52) Ethylbenzene	11.727	91	562056	23.769	ug/L	98
53) m,p-Xylene	11.836	106	220640	24.292	ug/L	99
54) o-Xylene	12.160	106	204176	24.141	ug/L	91
55) Styrene	12.178	104	350707	24.598	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	96519	24.293	ug/L	98
59) Bromoform	12.349	173	52819	25.416	ug/L	98
60) Isopropylbenzene	12.458	105	565539	23.602	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67154	23.732	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	463848	24.216	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	449157	23.821	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	249398	24.086	ug/L	85
65) 1,4-Dichlorobenzene	13.574	146	246028	23.655	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	218318	24.247	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13638	24.126	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	168656	23.409	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	136538	23.077	ug/L	95
71) Naphthalene	15.360	128	256777	24.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	119840	24.225	ug/L	98

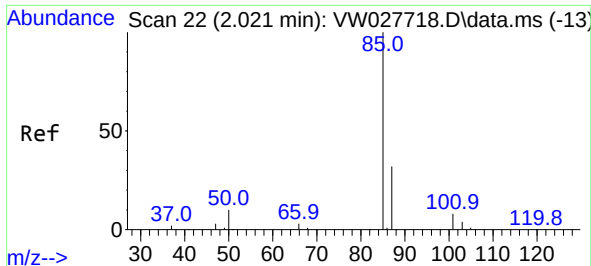
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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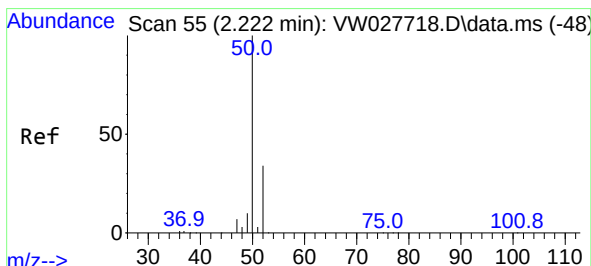
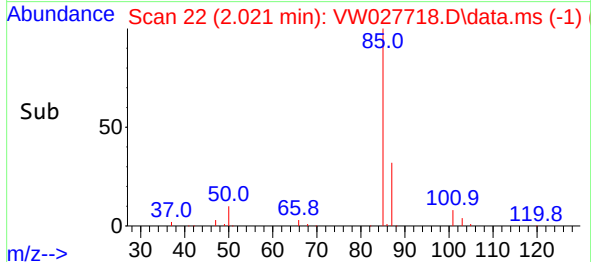
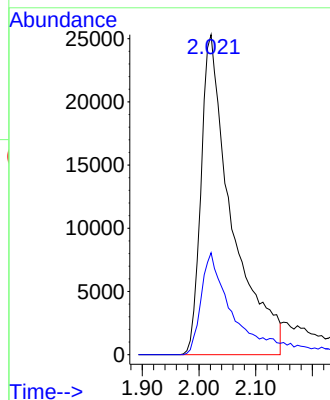
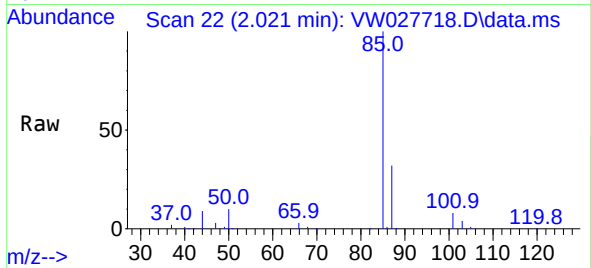




#2
Dichlorodifluoromethane
Concen: 21.362 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

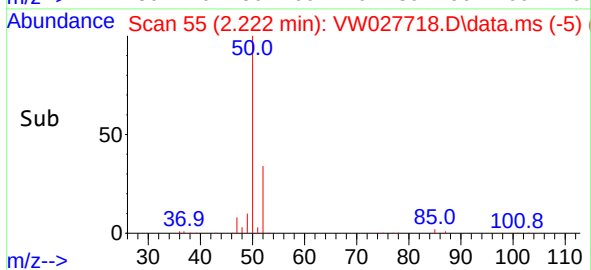
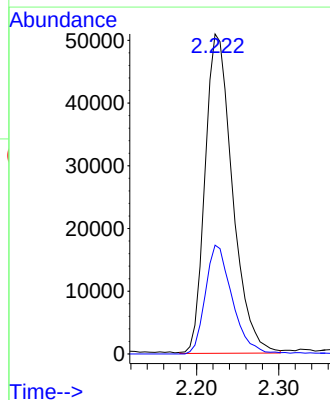
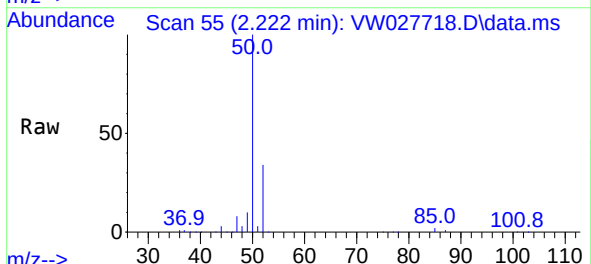
Instrument :
MSVOA_W
ClientSampleId :

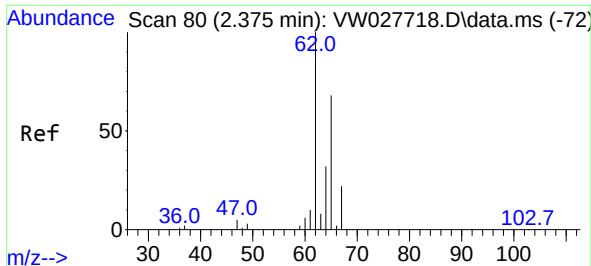
Tgt Ion: 85 Resp: 95012
Ion Ratio Lower Upper
85 100
87 30.1 23.2 34.8



#3
Chloromethane
Concen: 22.518 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 50 Resp: 117969
Ion Ratio Lower Upper
50 100
52 34.0 22.8 42.4

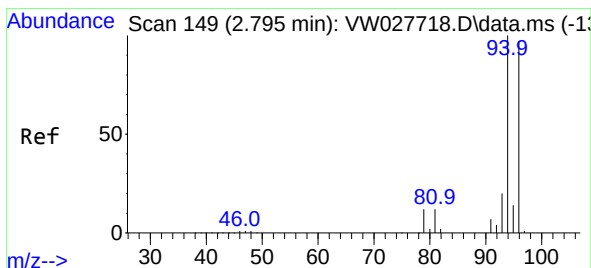
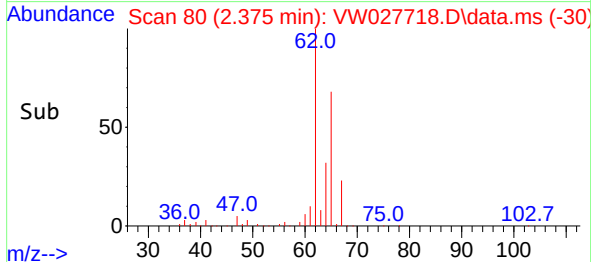
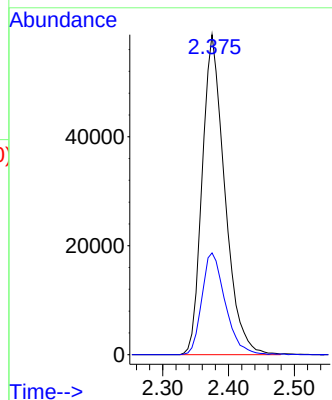
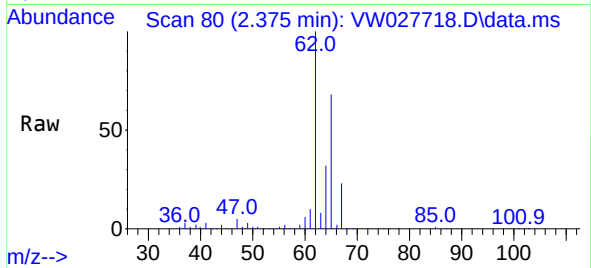




#5
 Vinyl chloride
 Concen: 22.506 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027718.D
 Acq: 18 Dec 2023 09:17

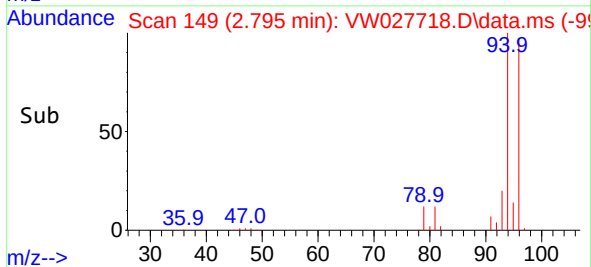
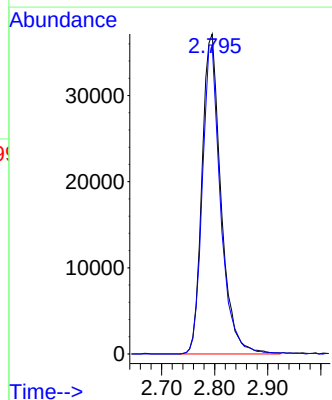
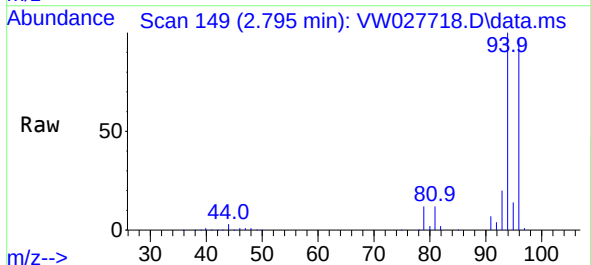
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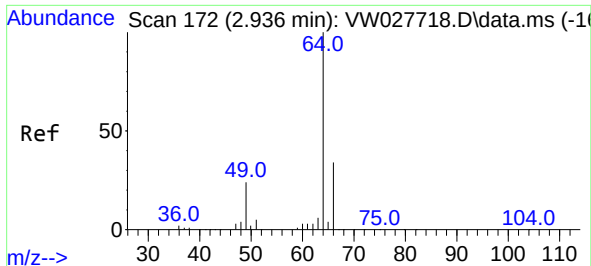
Tgt Ion: 62 Resp: 140271
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.2 41.2



#6
 Bromomethane
 Concen: 23.255 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027718.D
 Acq: 18 Dec 2023 09:17

Tgt Ion: 94 Resp: 92255
 Ion Ratio Lower Upper
 94 100
 96 96.6 61.2 113.8

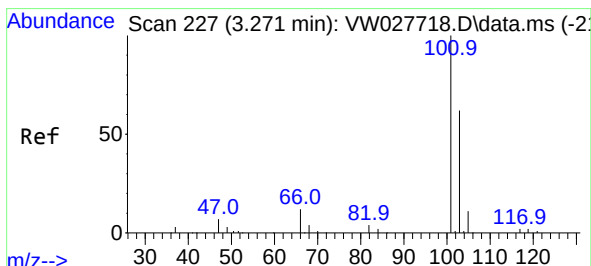
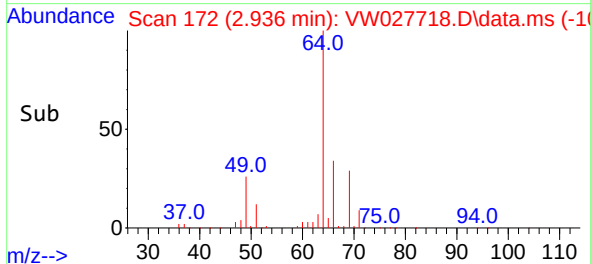
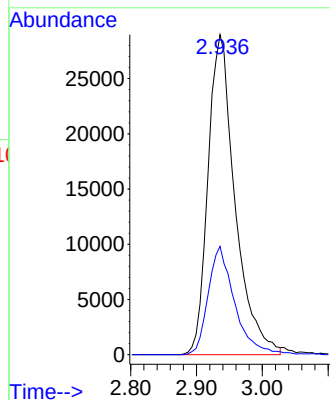
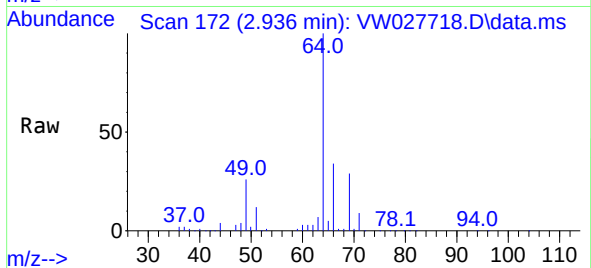




#8
Chloroethane
Concen: 22.250 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

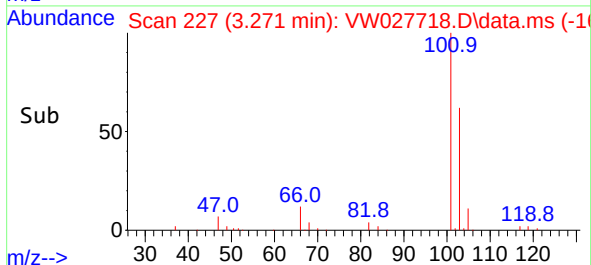
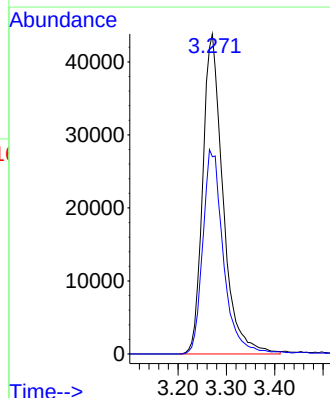
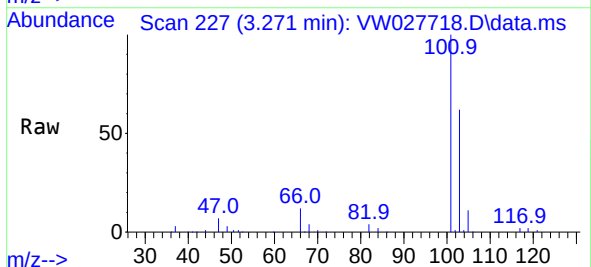
Instrument :
MSVOA_W
ClientSampleId :

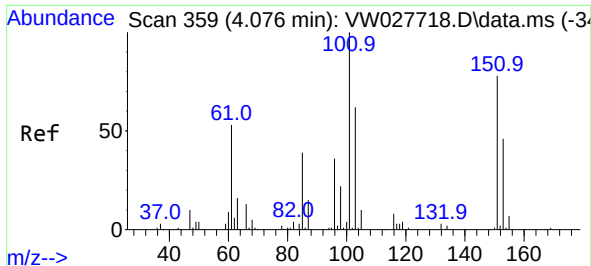
Tgt Ion: 64 Resp: 82912
Ion Ratio Lower Upper
64 100
66 33.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 22.657 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion:101 Resp: 127540
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7

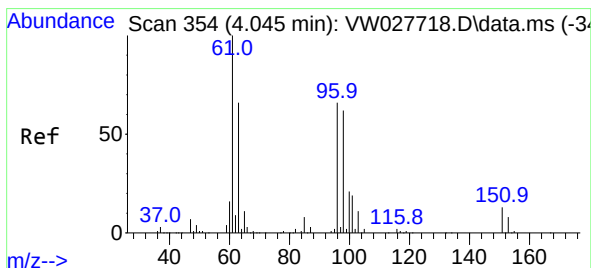
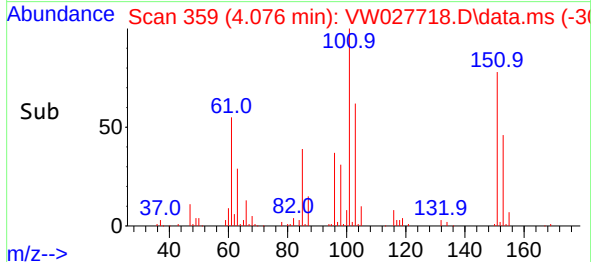
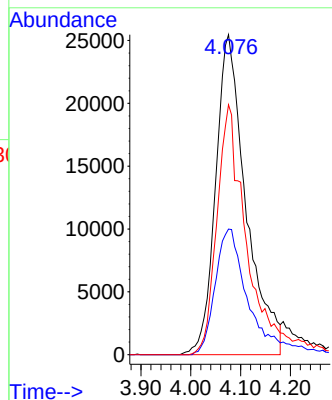
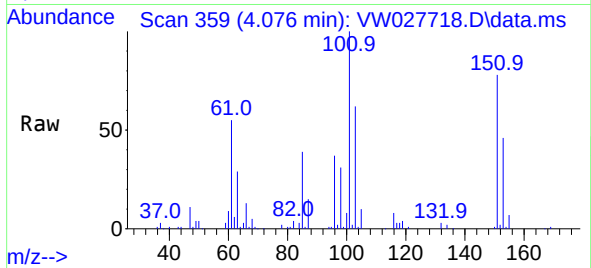




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.519 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

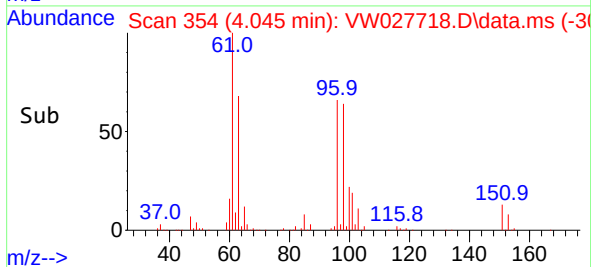
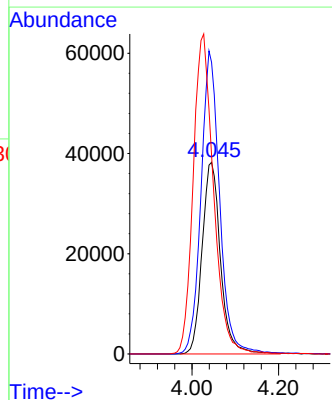
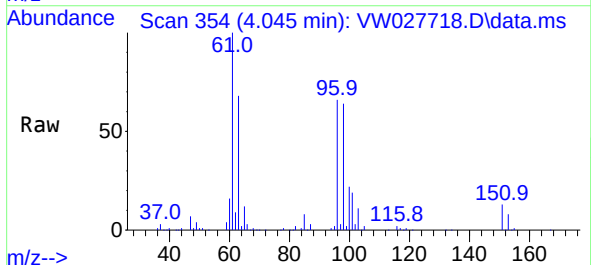
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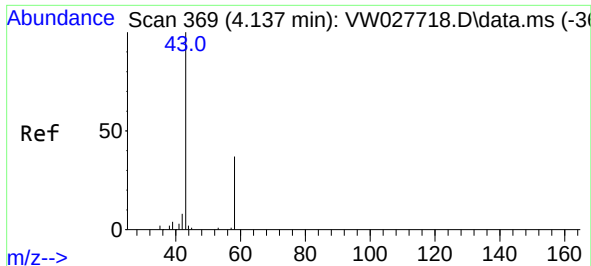
Tgt Ion:101 Resp: 107681
Ion Ratio Lower Upper
101 100
85 38.4 33.0 49.4
151 48.5 58.9 88.3#



#12
1,1-Dichloroethene
Concen: 24.074 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 96 Resp: 112688
Ion Ratio Lower Upper
96 100
61 152.2 110.9 206.1
63 103.8 73.6 136.6

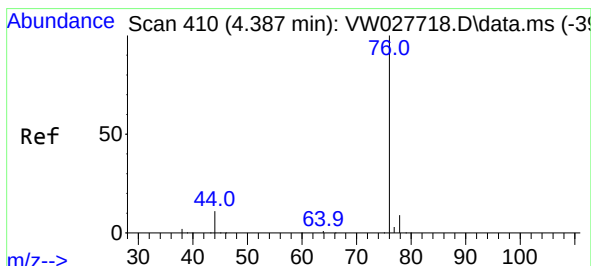
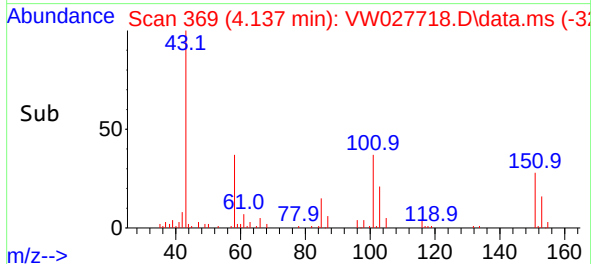
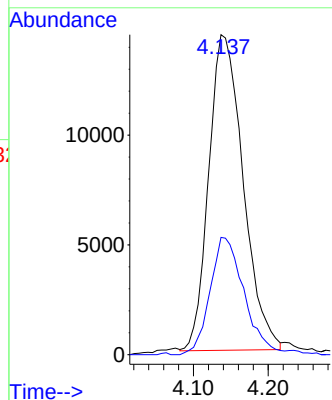
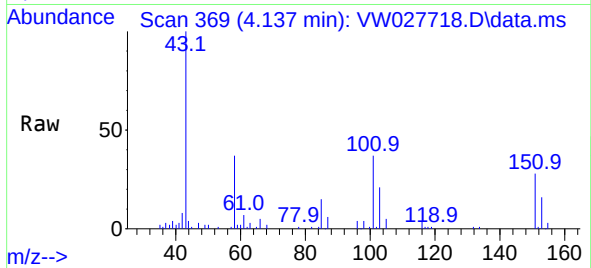




#13
Acetone
Concen: 54.977 ug/L
RT: 4.137 min Scan# 369
Delta R.T. -0.049 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

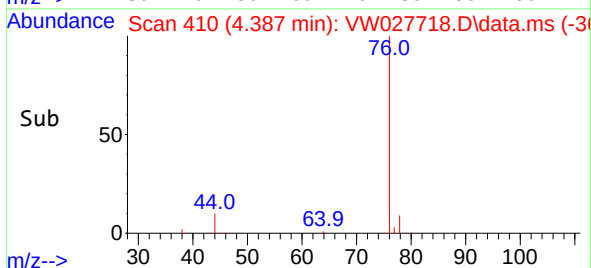
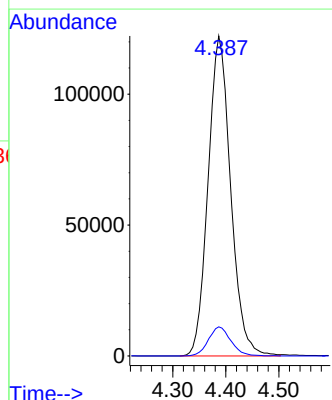
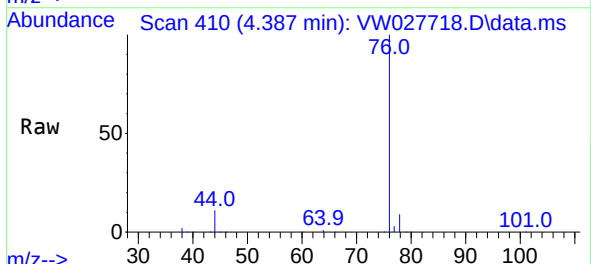
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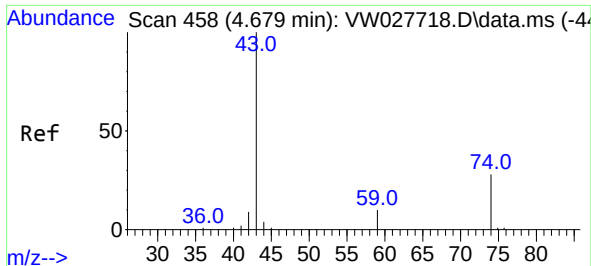
Tgt Ion: 43 Resp: 45993
Ion Ratio Lower Upper
43 100
58 36.7 0.0 68.6



#14
Carbon disulfide
Concen: 23.008 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 361818
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

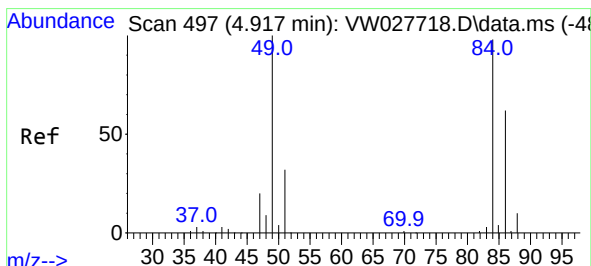
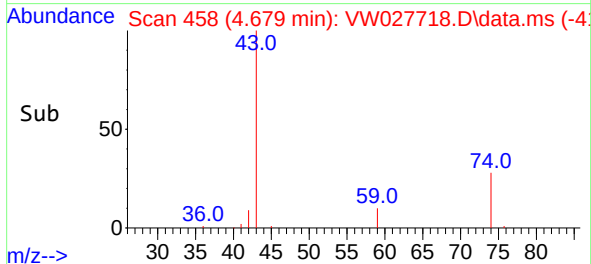
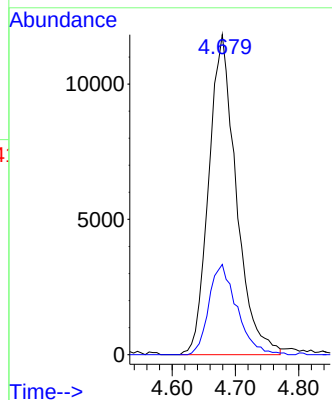
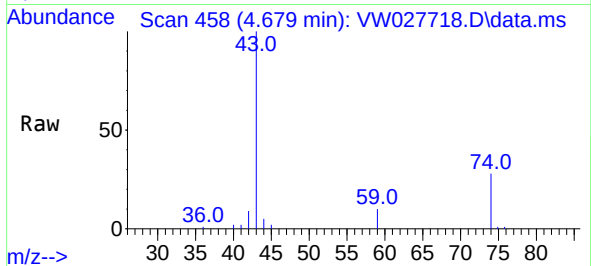




#15
Methyl Acetate
Concen: 23.646 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.019 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

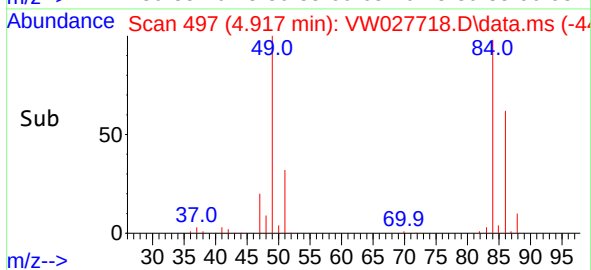
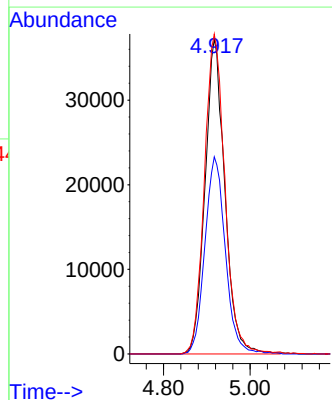
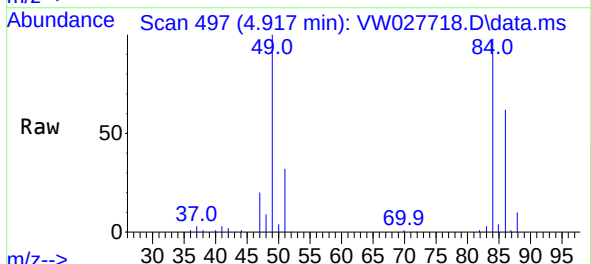
Instrument :
MSVOA_W
ClientSampleId :

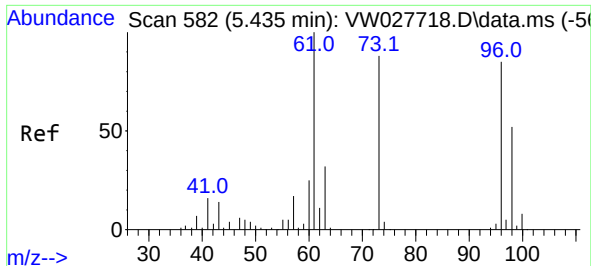
Tgt Ion: 43 Resp: 35739
Ion Ratio Lower Upper
43 100
74 28.7 22.1 33.1



#16
Methylene chloride
Concen: 19.692 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 84 Resp: 117993
Ion Ratio Lower Upper
84 100
86 62.6 45.8 85.2
49 101.6 76.2 141.6

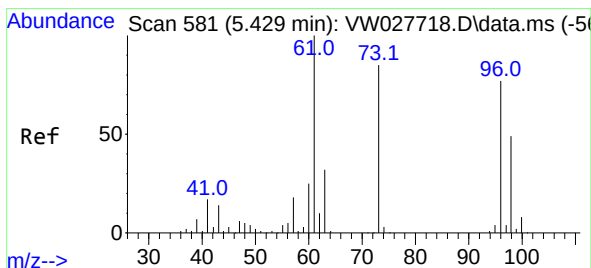
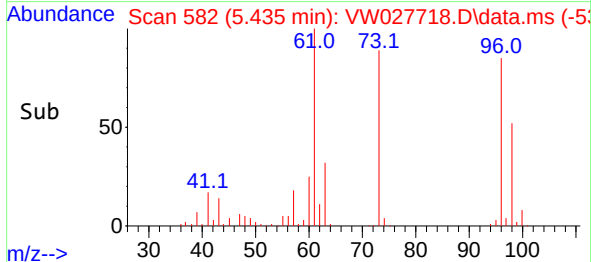
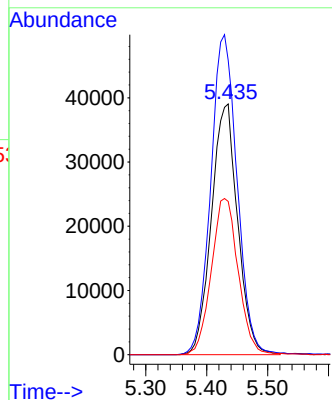
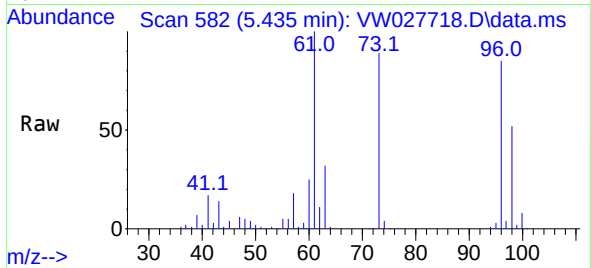




#17
trans-1,2-Dichloroethene
Concen: 23.616 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

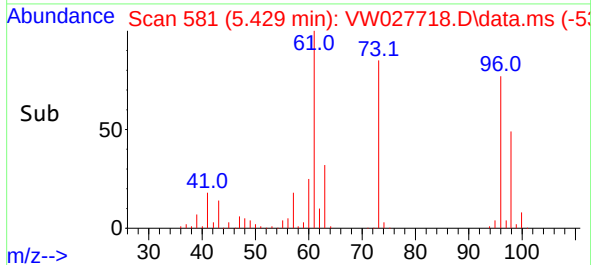
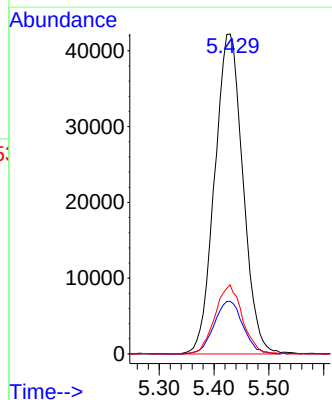
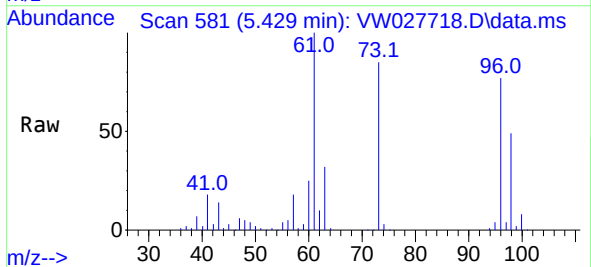
Instrument :
MSVOA_W
ClientSampleId :

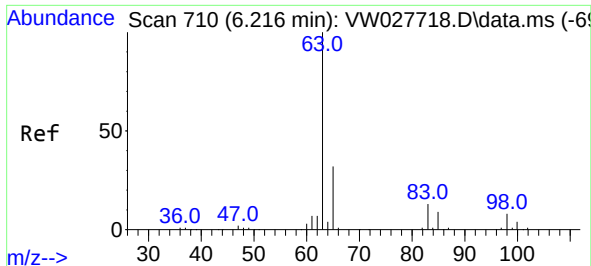
Tgt Ion: 96 Resp: 116895
Ion Ratio Lower Upper
96 100
61 117.4 88.5 164.3
98 61.1 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.105 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 73 Resp: 151206
Ion Ratio Lower Upper
73 100
43 16.8 13.5 20.3
57 20.8 17.4 26.0





#19

1,1-Dichloroethane

Concen: 23.329 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

ClientSampleId :

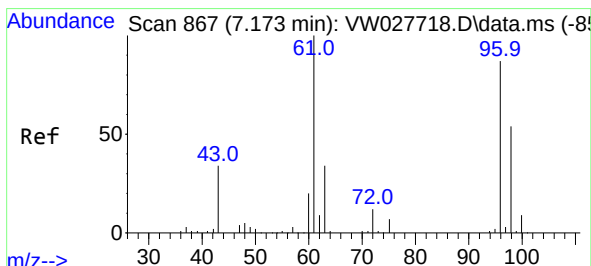
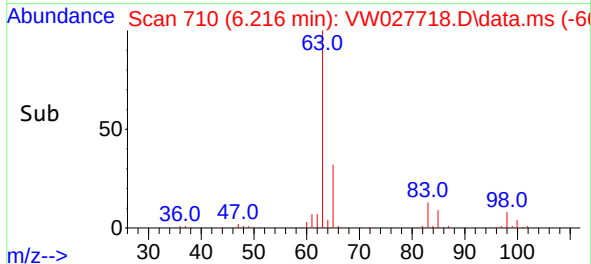
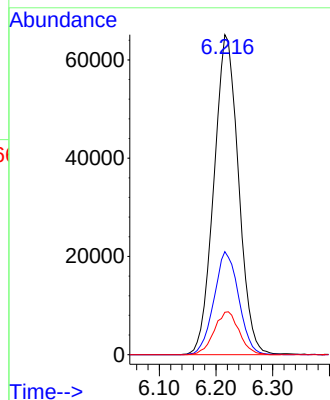
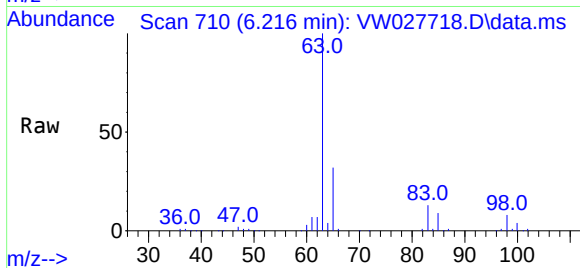
Tgt Ion: 63 Resp: 196361

Ion Ratio Lower Upper

63 100

65 32.2 23.0 42.8

83 13.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 23.803 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

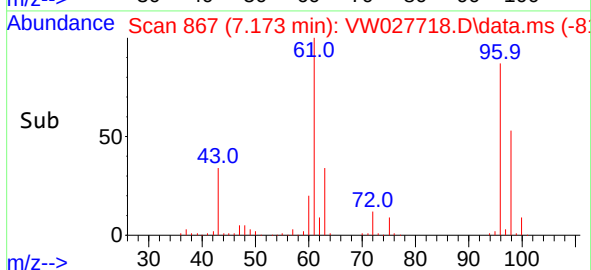
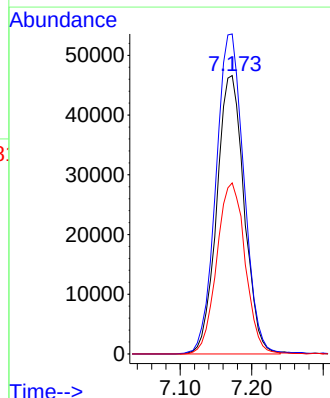
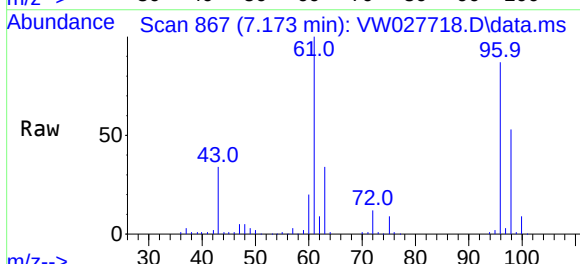
Tgt Ion: 96 Resp: 124026

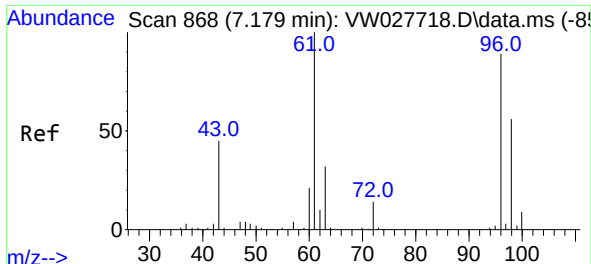
Ion Ratio Lower Upper

96 100

61 115.0 83.5 155.1

98 61.4 46.5 86.5

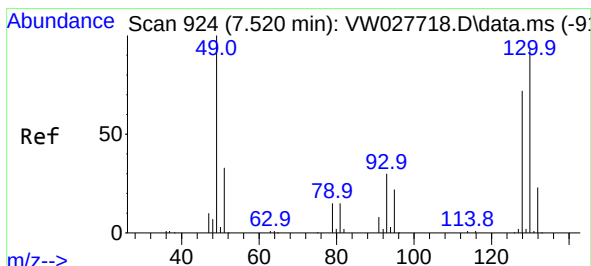
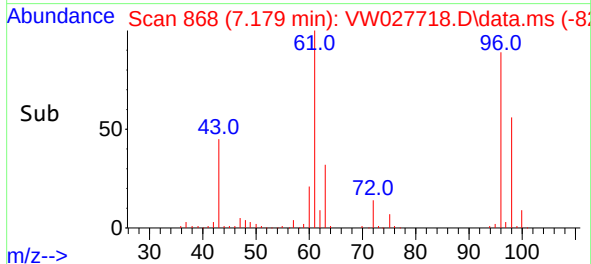
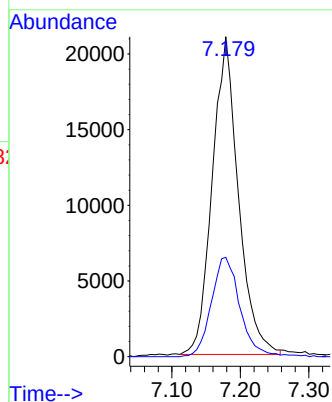
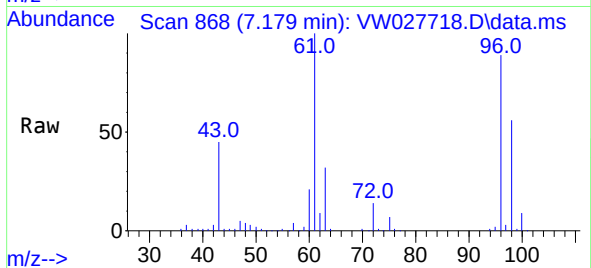




#22
2-Butanone
Concen: 50.002 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.018 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

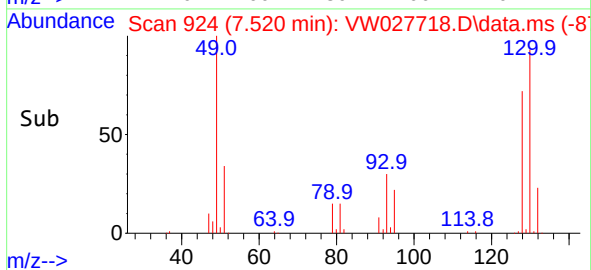
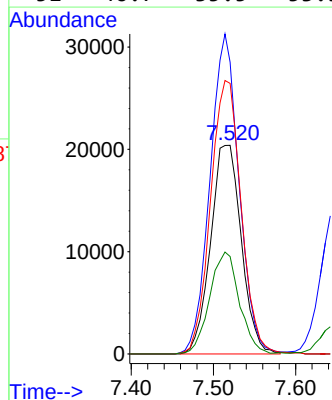
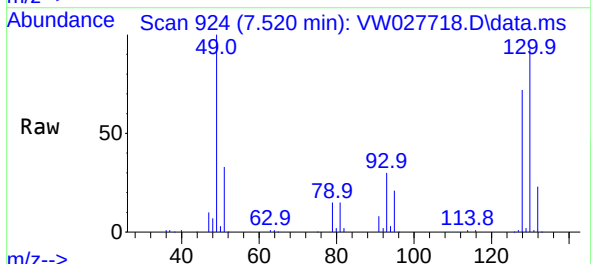
Instrument :
MSVOA_W
ClientSampleId :

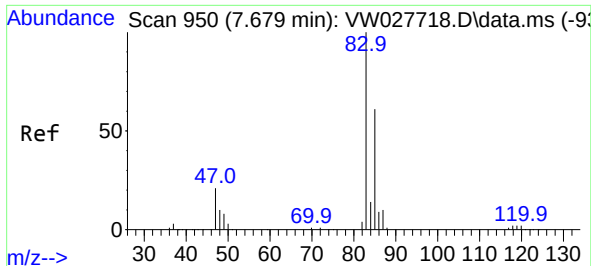
Tgt Ion: 43 Resp: 55549
Ion Ratio Lower Upper
43 100
72 34.0 16.1 48.2



#23
Bromochloromethane
Concen: 24.077 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 128 Resp: 52974
Ion Ratio Lower Upper
128 100
49 139.8 94.1 174.7
130 129.6 86.2 160.0
51 46.7 35.5 53.3





#25

Chloroform

Concen: 23.545 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

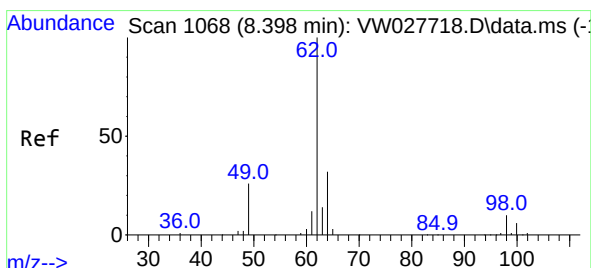
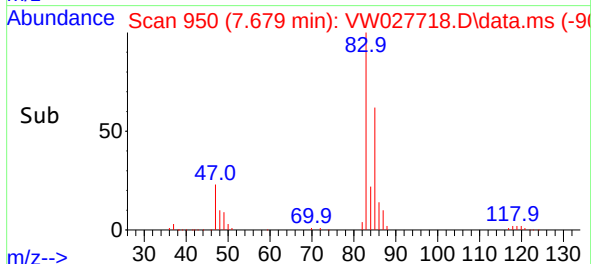
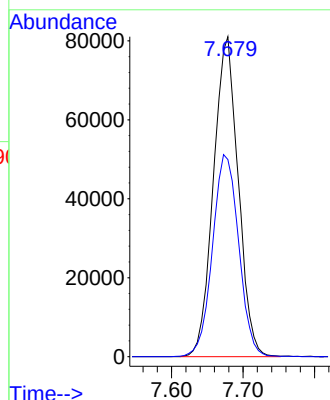
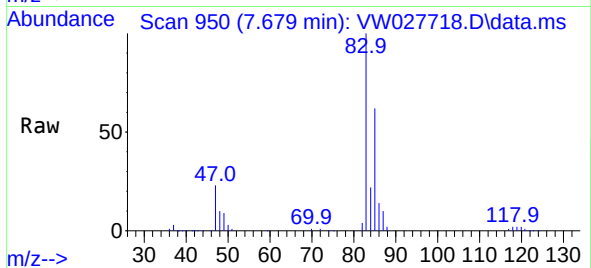
ClientSampleId :

Tgt Ion: 83 Resp: 195170

Ion Ratio Lower Upper

83 100

85 61.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 24.298 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027718.D

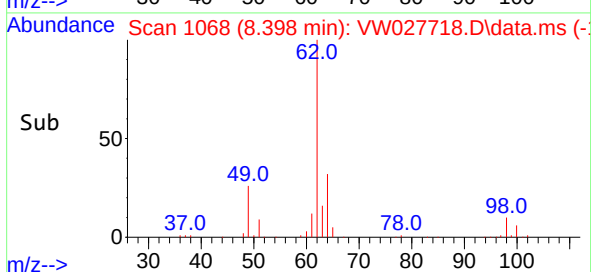
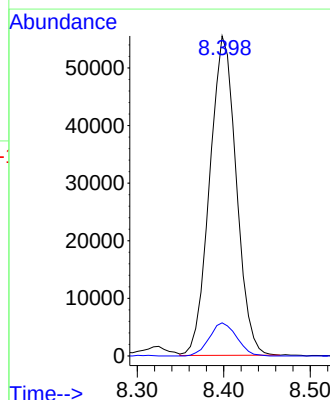
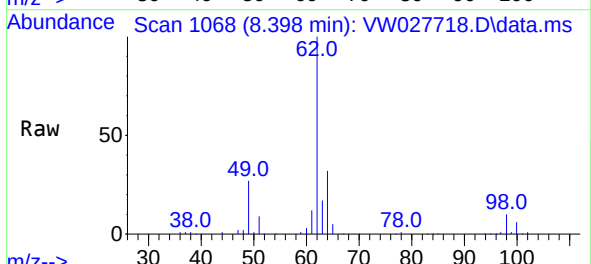
Acq: 18 Dec 2023 09:17

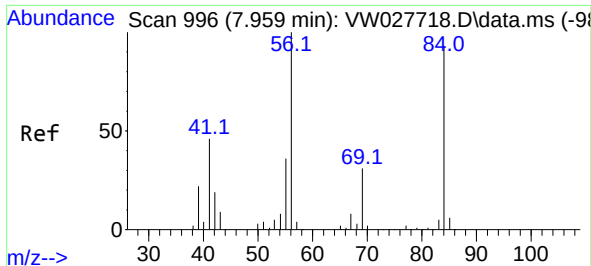
Tgt Ion: 62 Resp: 118089

Ion Ratio Lower Upper

62 100

98 10.4 8.1 12.1





#29

Cyclohexane

Concen: 22.736 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

ClientSampleId :

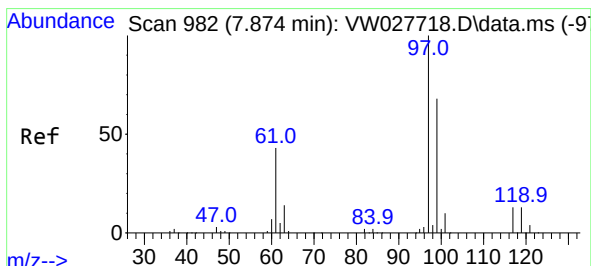
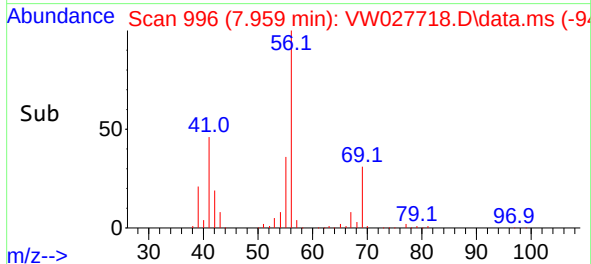
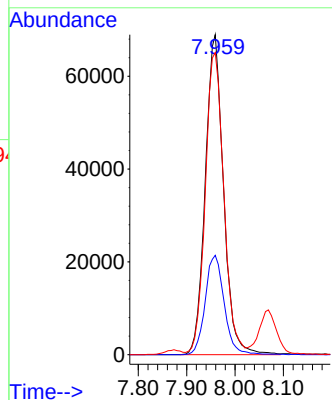
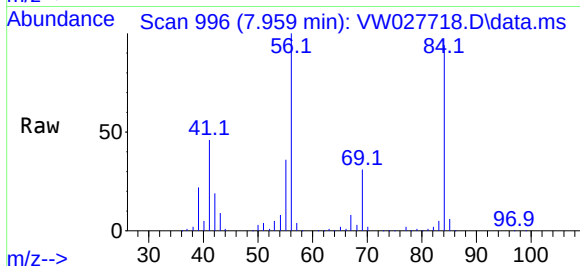
Tgt Ion: 56 Resp: 180985

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

84 95.6 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 23.361 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

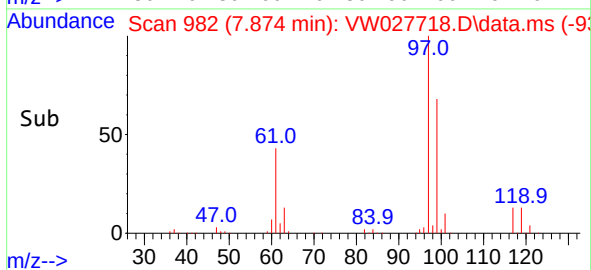
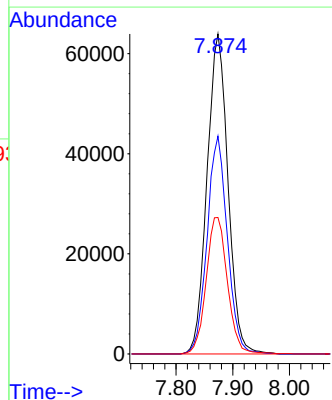
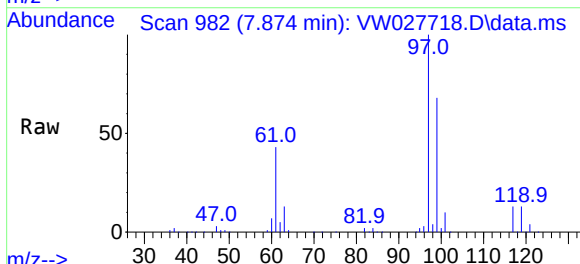
Tgt Ion: 97 Resp: 164175

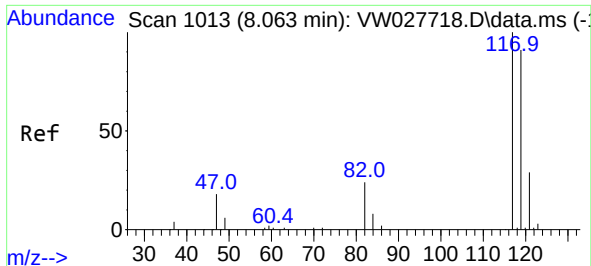
Ion Ratio Lower Upper

97 100

99 66.0 51.1 76.7

61 43.4 34.2 51.4

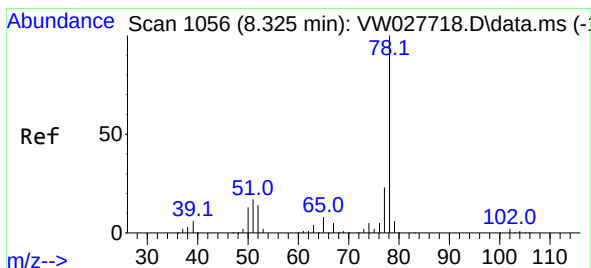
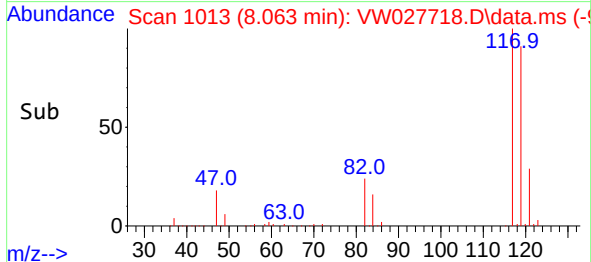
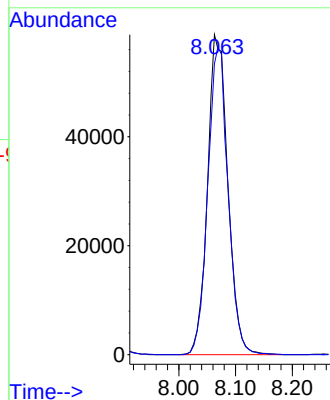
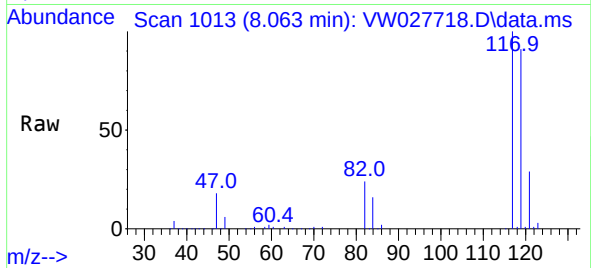




#31
Carbon tetrachloride
Concen: 23.633 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

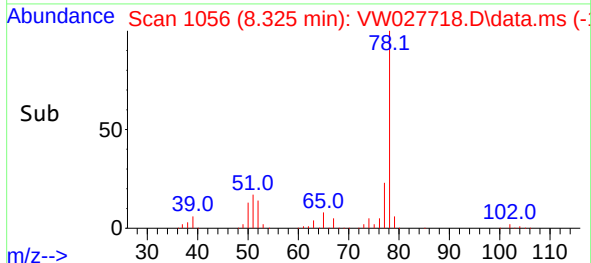
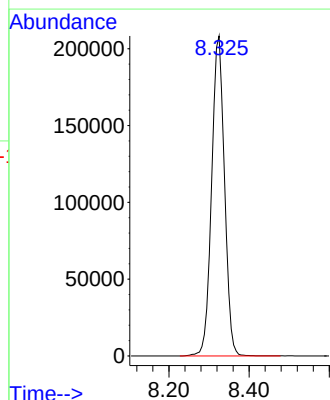
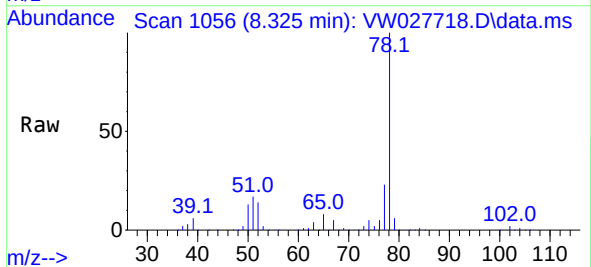
Instrument :
MSVOA_W
ClientSampleId :

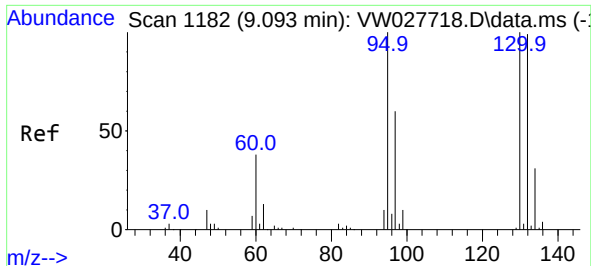
Tgt Ion:117 Resp: 146164
Ion Ratio Lower Upper
117 100
119 95.8 74.6 112.0



#33
Benzene
Concen: 23.751 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

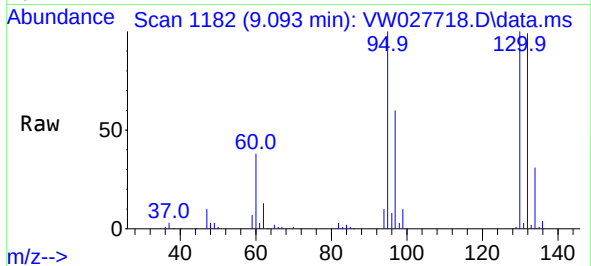
Tgt Ion: 78 Resp: 463213



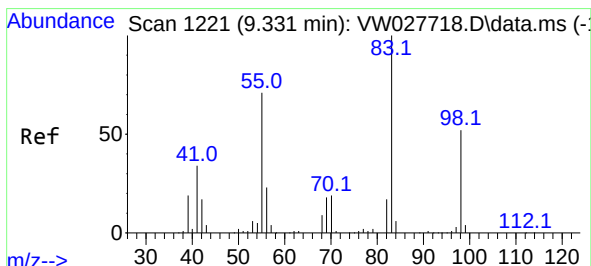
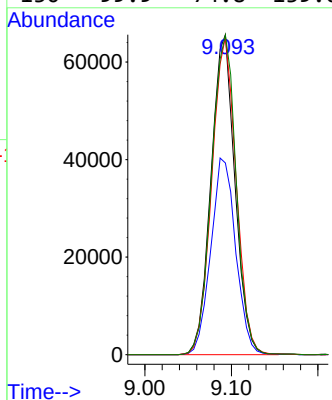


#34
Trichloroethene
Concen: 23.718 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Instrument :
MSVOA_W
ClientSampleId :

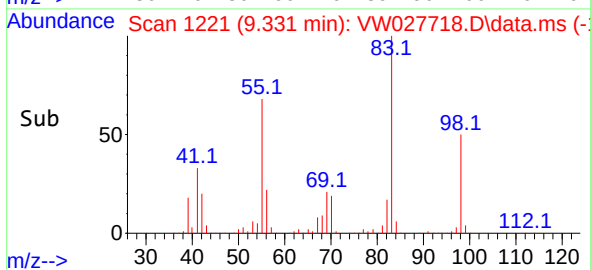
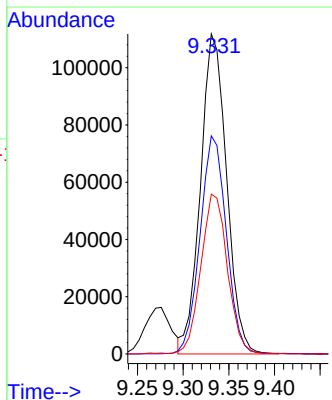
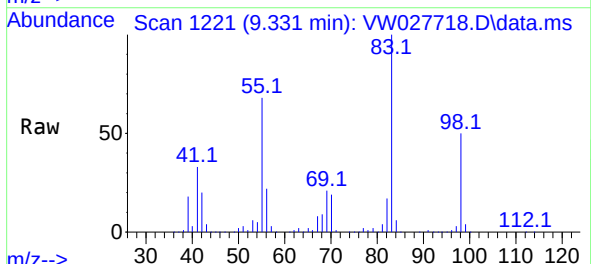


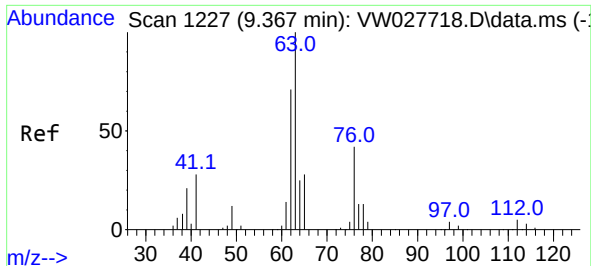
Tgt Ion: 95 Resp: 126086
Ion Ratio Lower Upper
95 100
97 59.9 45.9 85.3
132 99.3 70.4 130.8
130 99.9 74.8 139.0



#35
Methylcyclohexane
Concen: 23.231 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 83 Resp: 222744
Ion Ratio Lower Upper
83 100
55 68.8 55.1 82.7
98 50.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 23.496 ug/L

RT: 9.367 min Scan# 110616

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

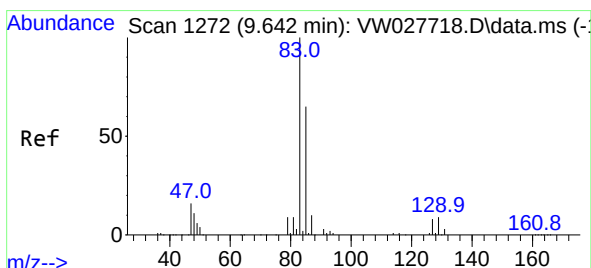
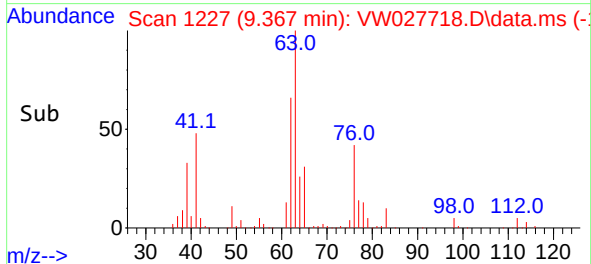
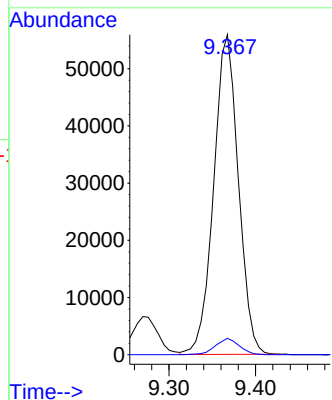
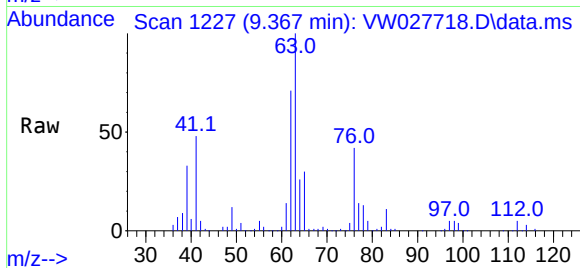
ClientSampleId :

Tgt Ion: 63 Resp: 110616

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 23.864 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

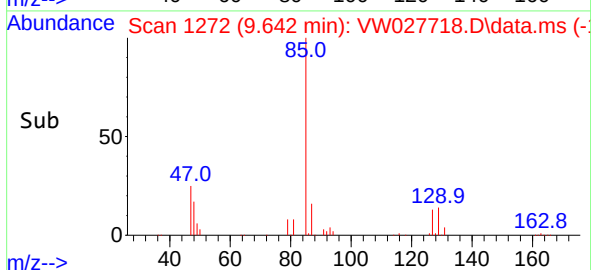
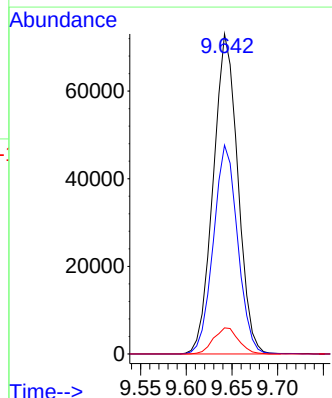
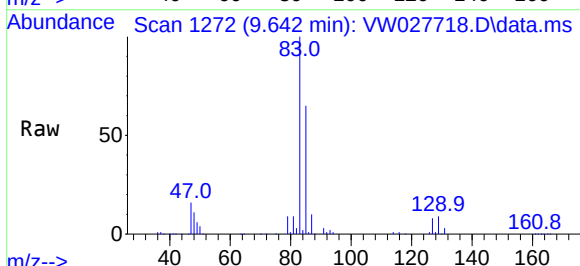
Tgt Ion: 83 Resp: 136553

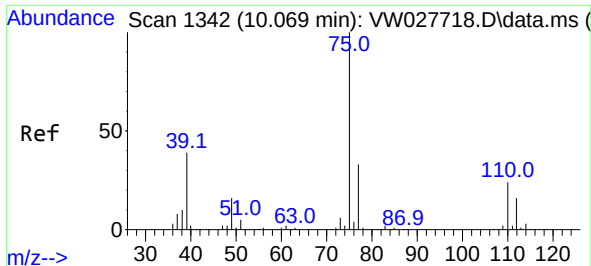
Ion Ratio Lower Upper

83 100

85 65.3 45.3 84.1

127 8.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.558 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

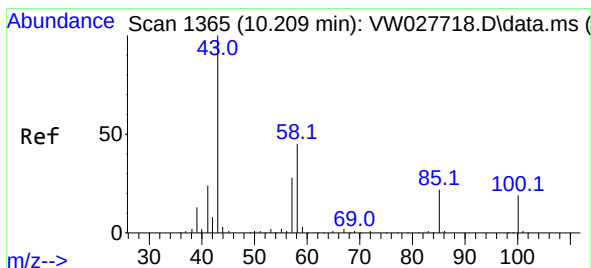
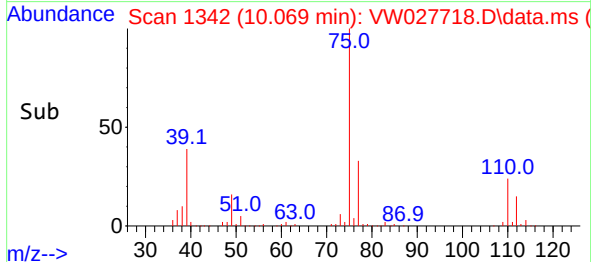
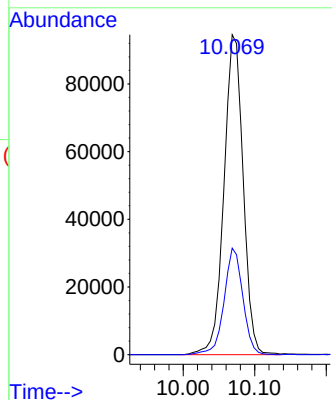
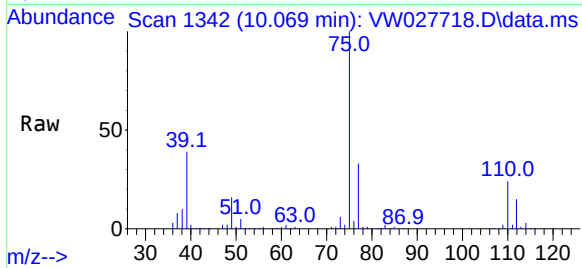
ClientSampleId :

Tgt Ion: 75 Resp: 176219

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.610 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

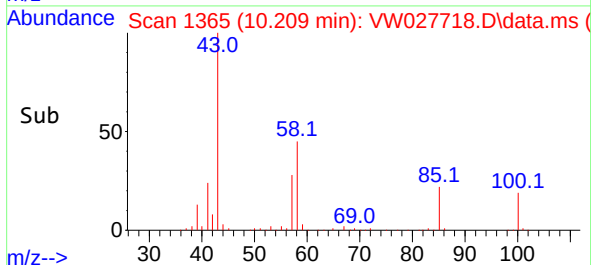
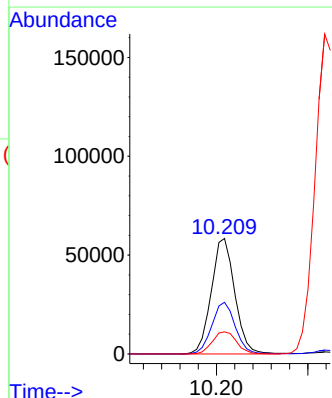
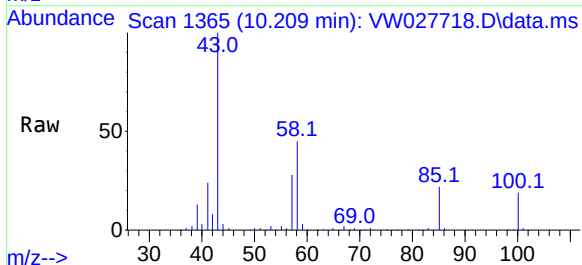
Tgt Ion: 43 Resp: 104138

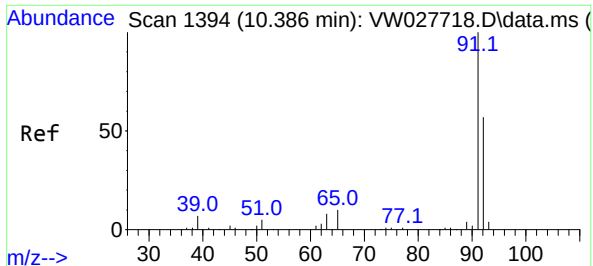
Ion Ratio Lower Upper

43 100

58 44.7 36.1 54.1

100 19.9 15.8 23.8

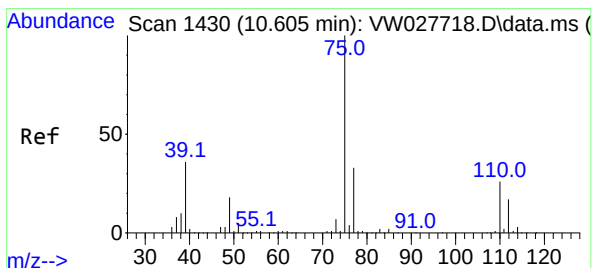
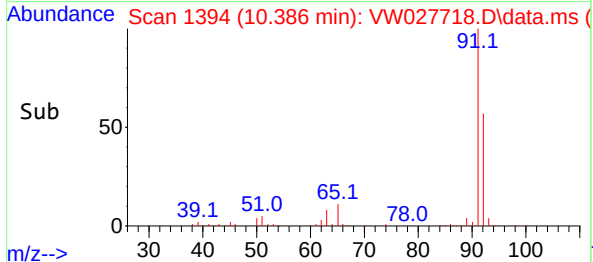
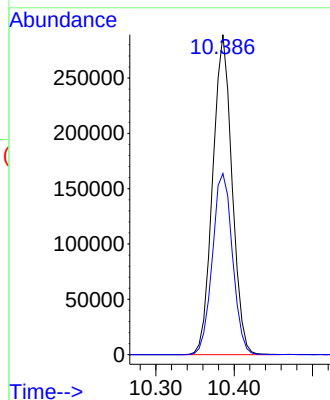
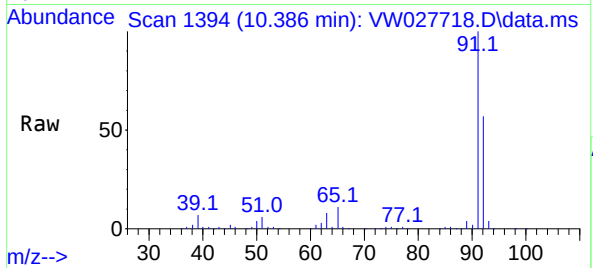




#42
Toluene
Concen: 23.604 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

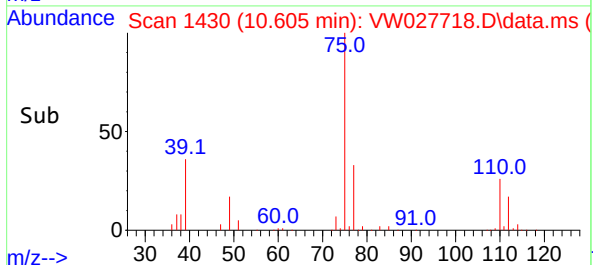
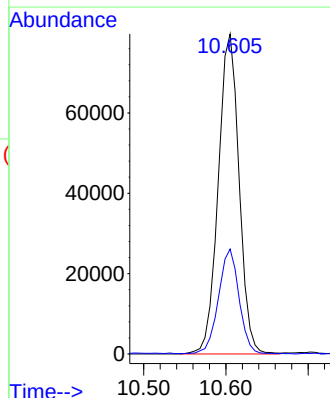
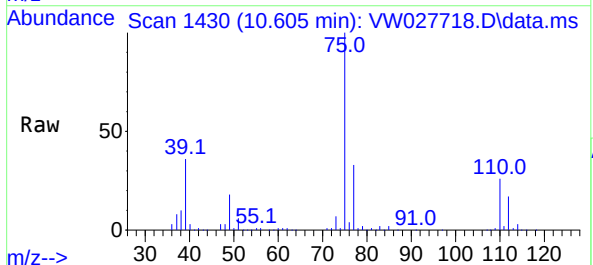
Instrument :
MSVOA_W
ClientSampleId :

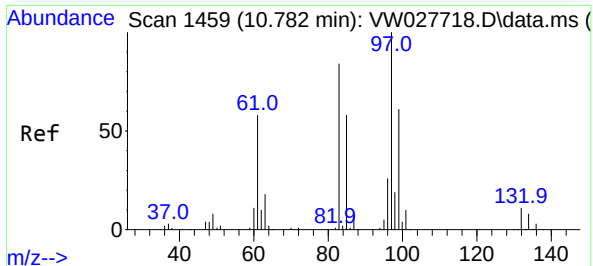
Tgt Ion: 91 Resp: 495319
Ion Ratio Lower Upper
91 100
92 56.6 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 24.835 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 75 Resp: 140333
Ion Ratio Lower Upper
75 100
77 32.8 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.020 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 83722

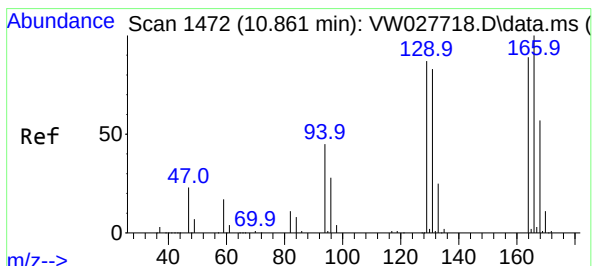
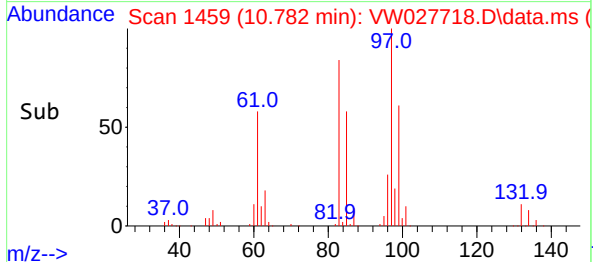
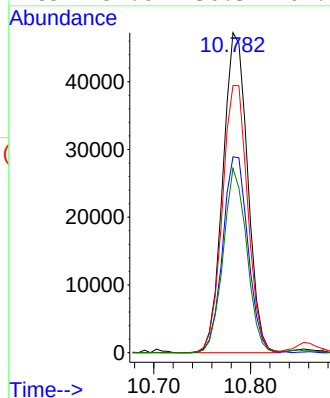
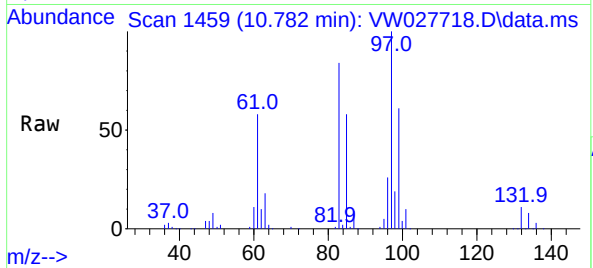
Ion Ratio Lower Upper

97 100

99 61.2 43.4 80.6

83 83.5 59.0 109.6

85 57.6 36.3 67.5



#46

Tetrachloroethene

Concen: 24.011 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Tgt Ion:164 Resp: 101928

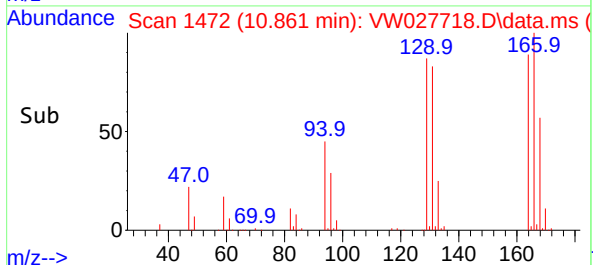
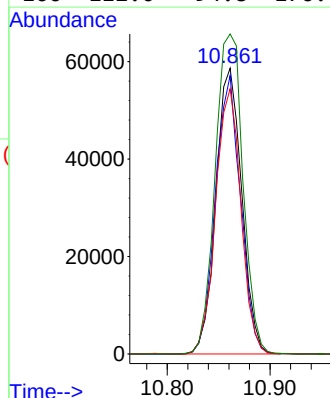
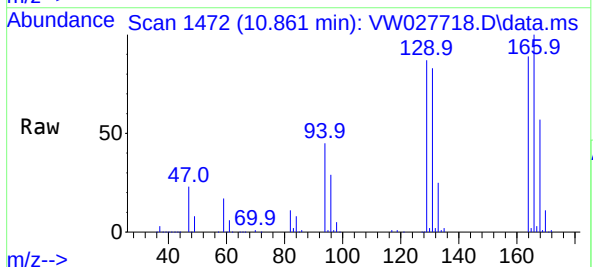
Ion Ratio Lower Upper

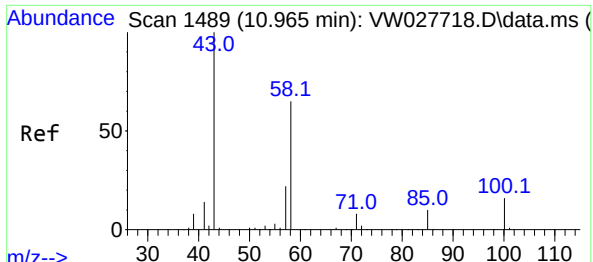
164 100

129 97.4 70.5 130.9

131 92.9 64.8 120.3

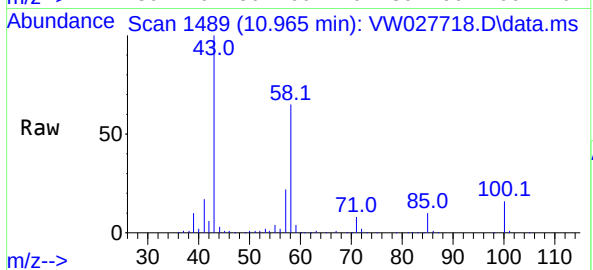
166 112.0 94.8 176.0





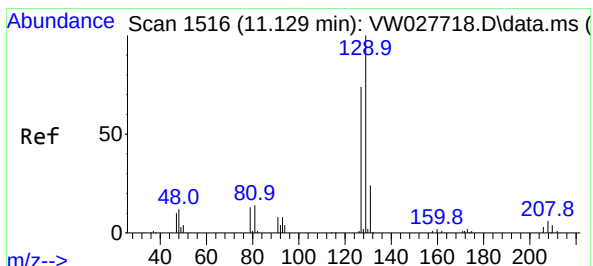
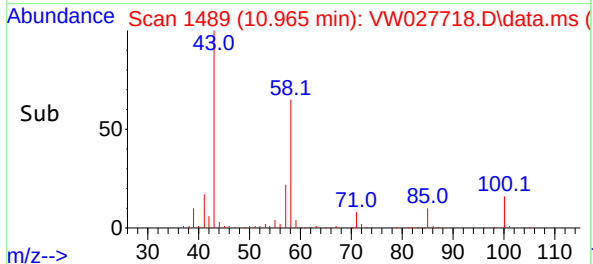
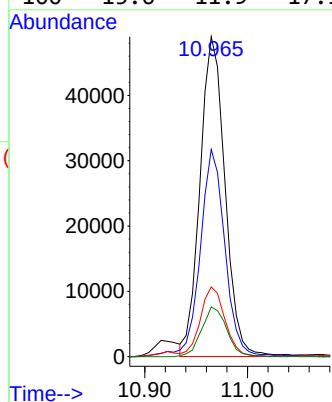
#48
2-Hexanone
Concen: 54.016 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 82728

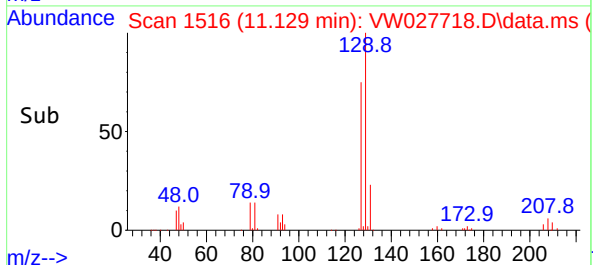
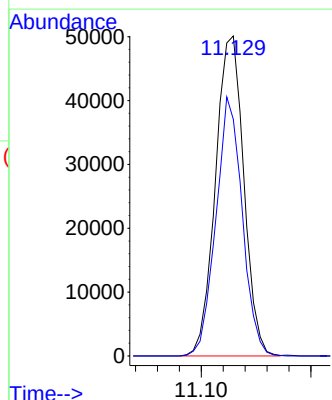
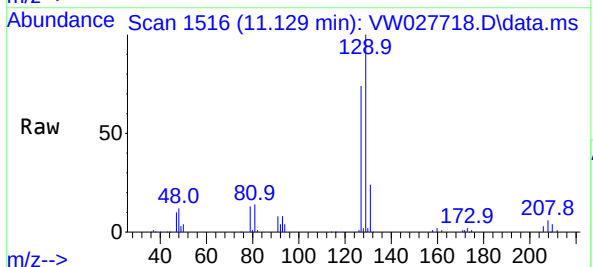
Ion	Ratio	Lower	Upper
43	100		
58	64.7	50.4	75.6
57	21.6	17.0	25.6
100	15.6	11.9	17.9

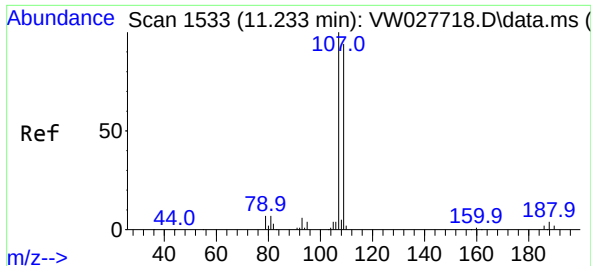


#49
Dibromochloromethane
Concen: 24.699 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 129 Resp: 90040

Ion	Ratio	Lower	Upper
129	100		
127	73.9	55.4	102.8



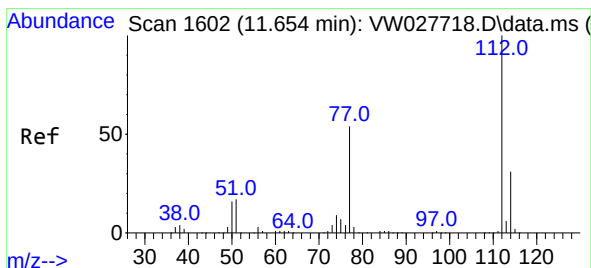
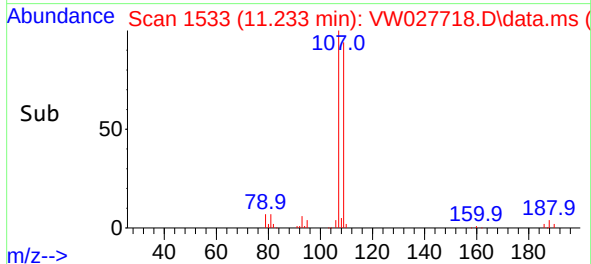
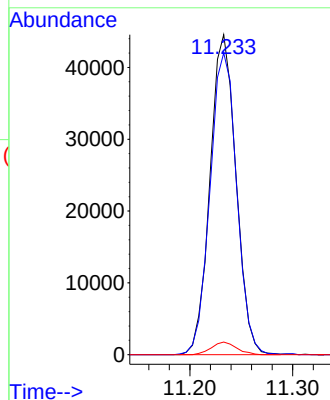
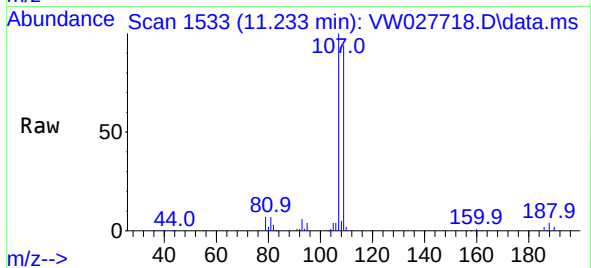


#50
1,2-Dibromoethane
Concen: 23.619 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 78236

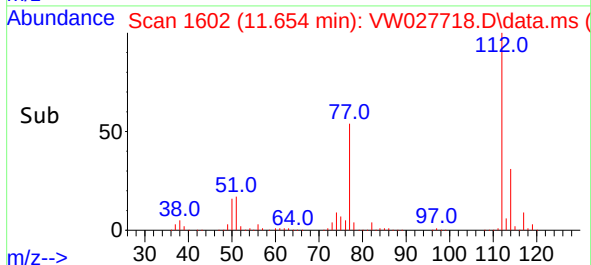
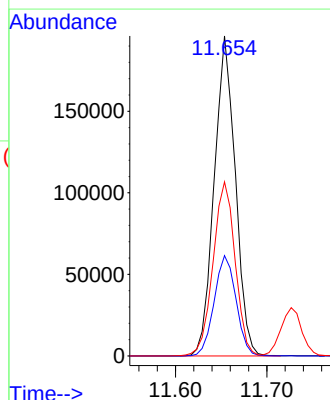
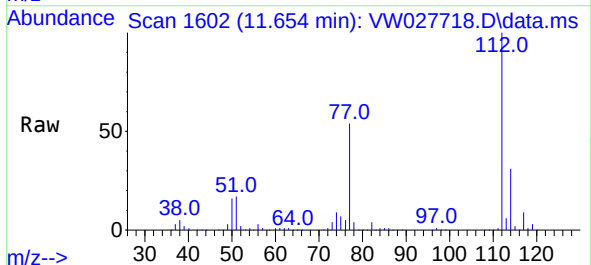
Ion	Ratio	Lower	Upper
107	100		
109	94.3	72.1	133.9
188	4.0	3.0	4.4

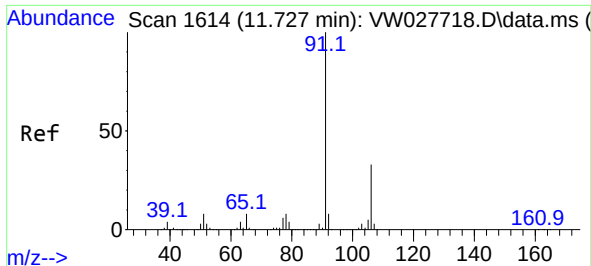


#51
Chlorobenzene
Concen: 23.477 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion:112 Resp: 314750

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	46.4
77	54.4	48.1	72.1

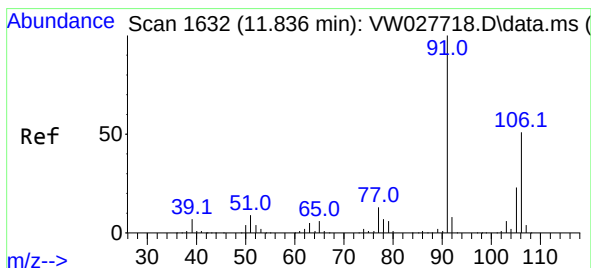
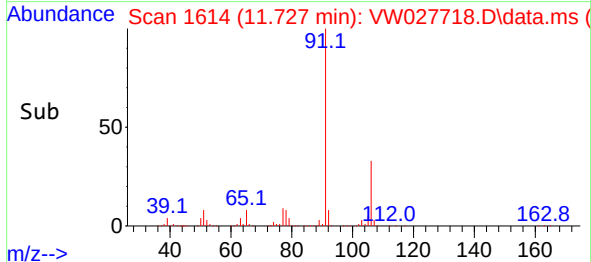
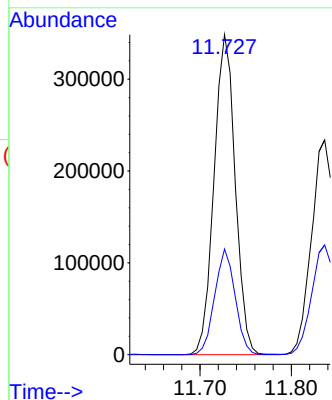
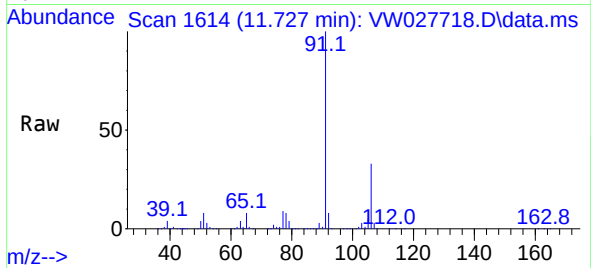




#52
Ethylbenzene
Concen: 23.769 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

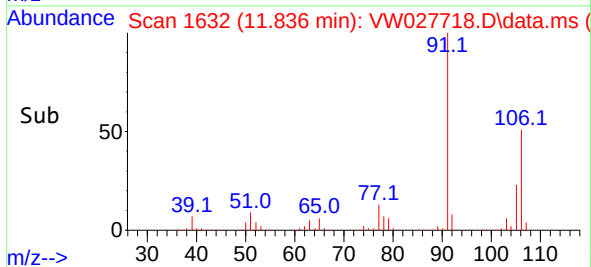
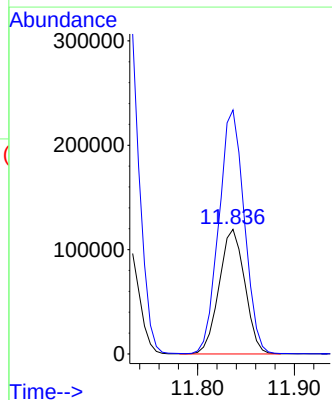
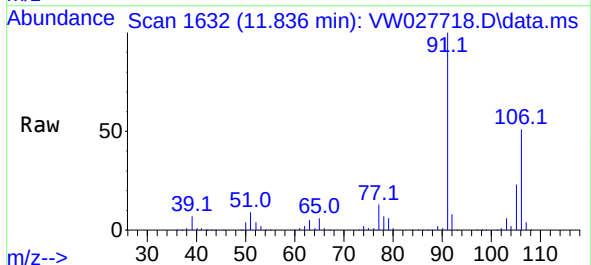
Instrument :
MSVOA_W
ClientSampleId :

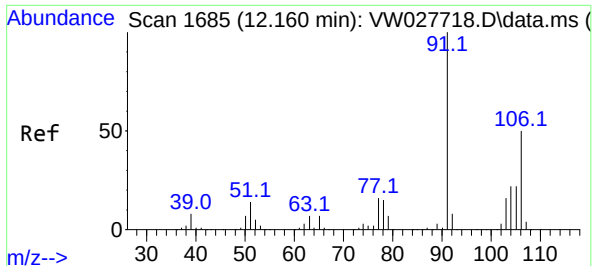
Tgt Ion: 91 Resp: 562056
Ion Ratio Lower Upper
91 100
106 33.0 23.7 44.1



#53
m,p-Xylene
Concen: 24.292 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion:106 Resp: 220640
Ion Ratio Lower Upper
106 100
91 195.7 135.7 251.9

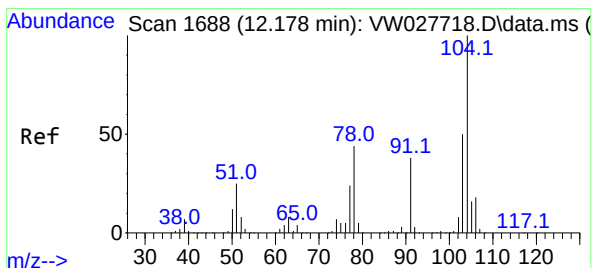
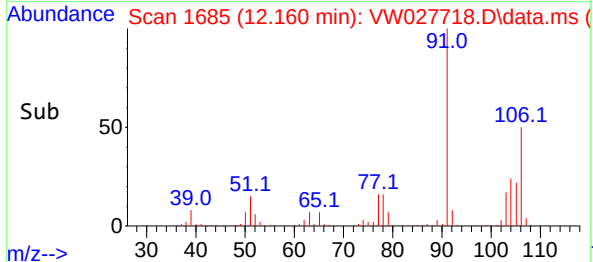
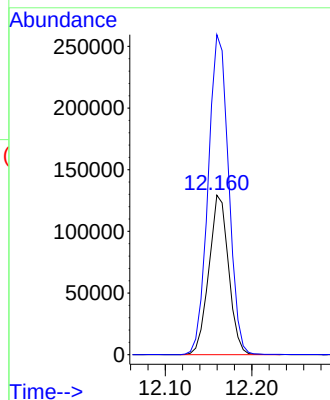
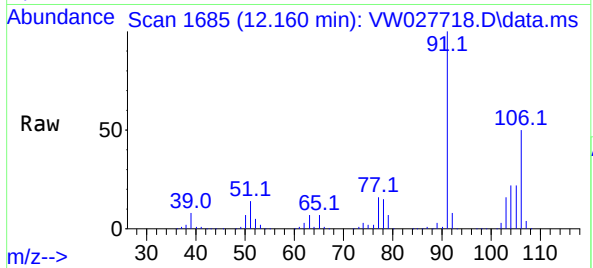




#54
o-Xylene
Concen: 24.141 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

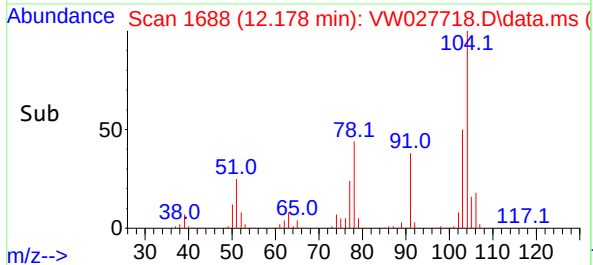
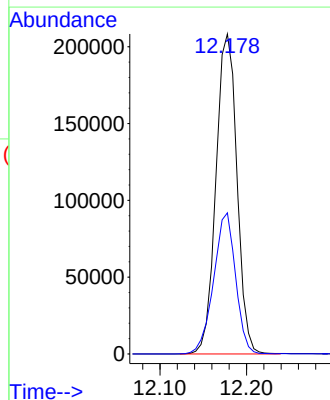
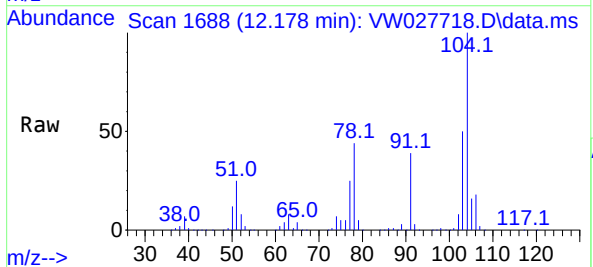
Instrument :
MSVOA_W
ClientSampleId :

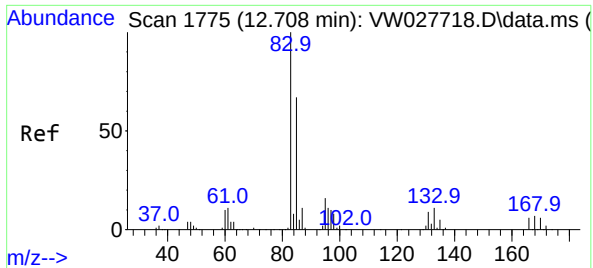
Tgt Ion:106 Resp: 204176
Ion Ratio Lower Upper
106 100
91 200.6 149.9 278.3



#55
Styrene
Concen: 24.598 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion:104 Resp: 350707
Ion Ratio Lower Upper
104 100
78 44.1 29.6 55.0



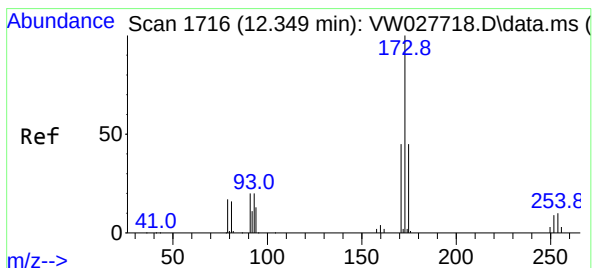
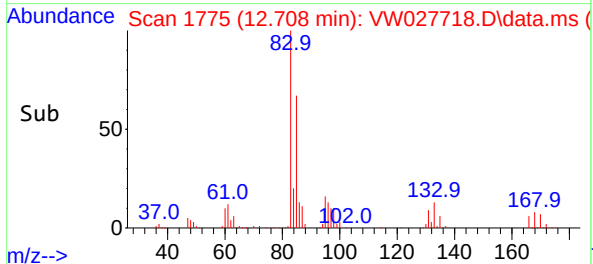
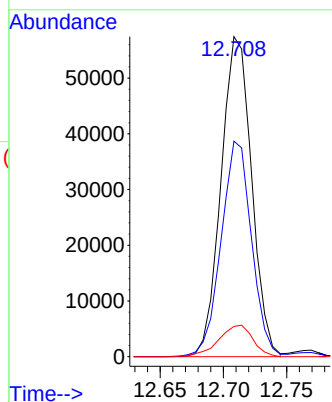
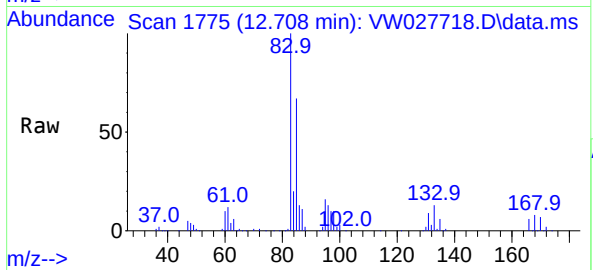


#57
1,1,2,2-Tetrachloroethane
Concen: 24.293 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 96519

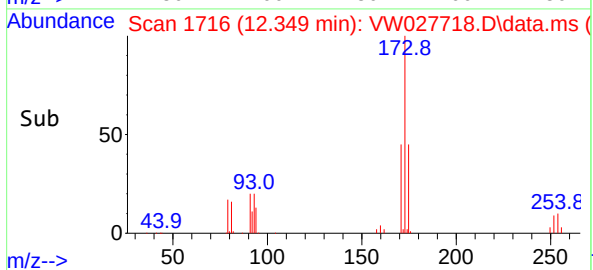
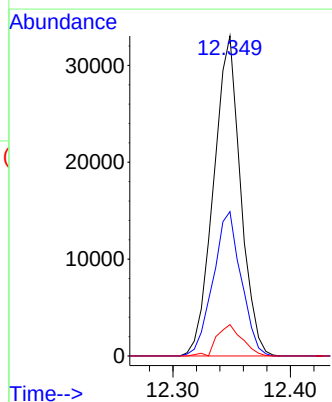
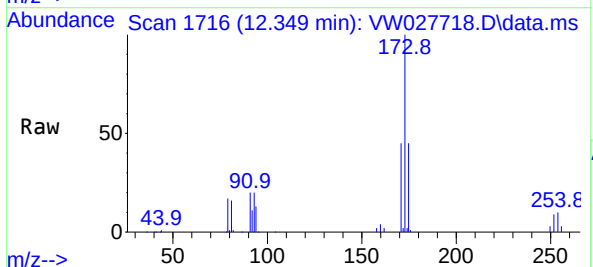
Ion	Ratio	Lower	Upper
83	100		
85	67.3	45.8	85.2
131	9.5	7.0	10.6



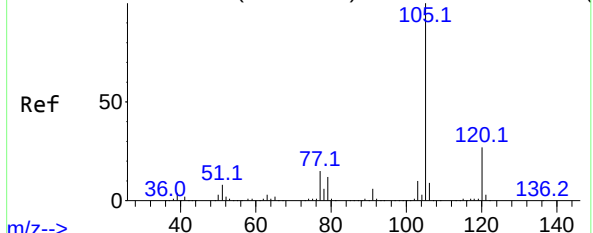
#59
Bromoform
Concen: 25.416 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 173 Resp: 52819

Ion	Ratio	Lower	Upper
173	100		
175	46.7	36.3	54.5
254	8.9	7.5	11.3



Abundance Scan 1734 (12.458 min): VW027718.D\data.ms (

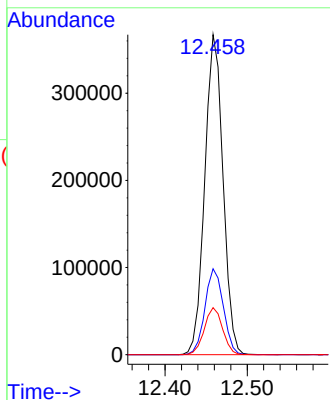
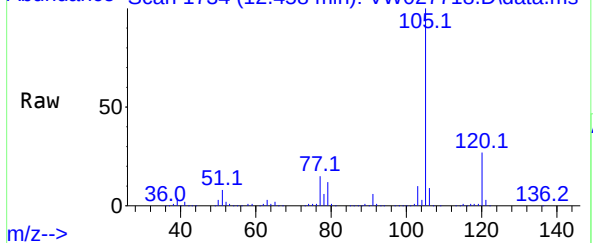


#60
Isopropylbenzene
Concen: 23.602 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

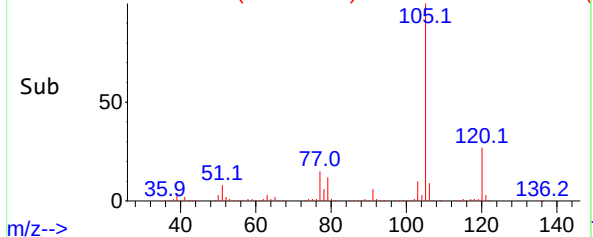
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	105	Resp:	565539
Ion Ratio	Lower	Upper	
105	100		
120	27.1	21.0	31.4
77	14.8	12.0	18.0

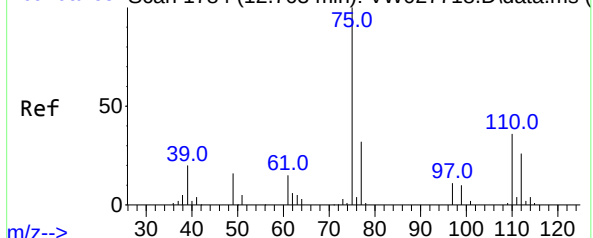
Abundance Scan 1734 (12.458 min): VW027718.D\data.ms



Abundance Scan 1734 (12.458 min): VW027718.D\data.ms (



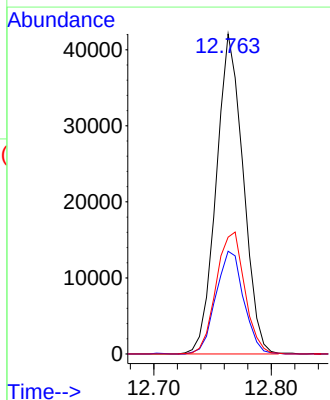
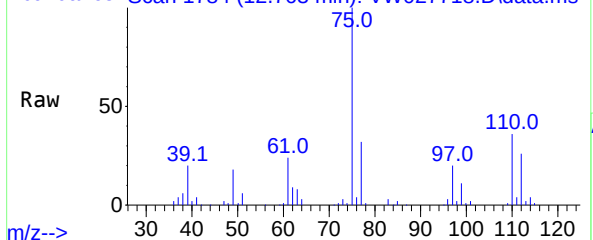
Abundance Scan 1784 (12.763 min): VW027718.D\data.ms (



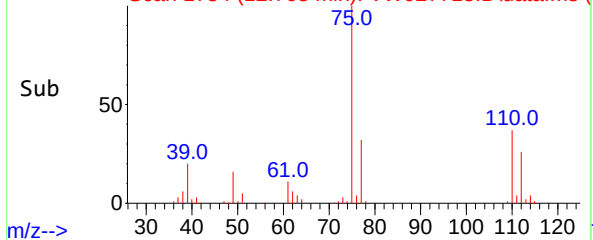
#61
1,2,3-Trichloropropane
Concen: 23.732 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

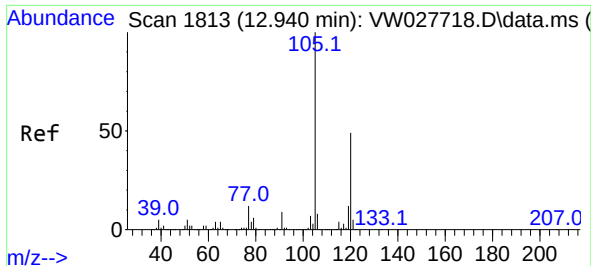
Tgt Ion:	75	Resp:	67154
Ion Ratio	Lower	Upper	
75	100		
77	33.1	26.2	39.4
110	40.3	32.2	48.2

Abundance Scan 1784 (12.763 min): VW027718.D\data.ms



Abundance Scan 1784 (12.763 min): VW027718.D\data.ms (

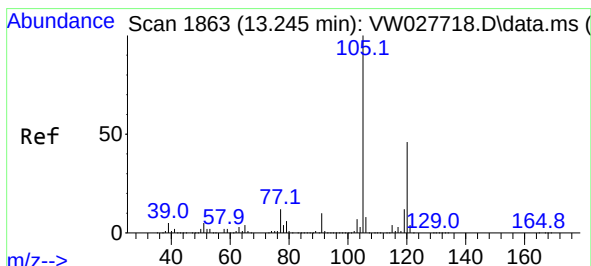
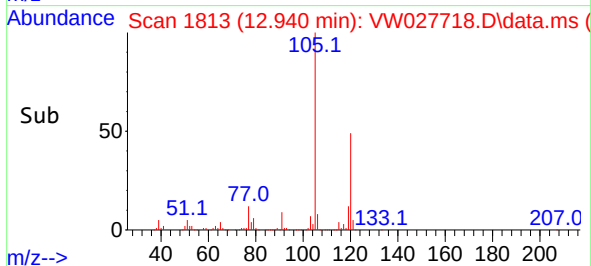
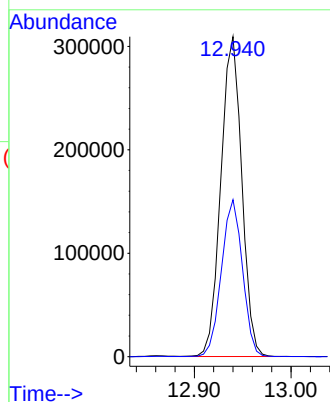
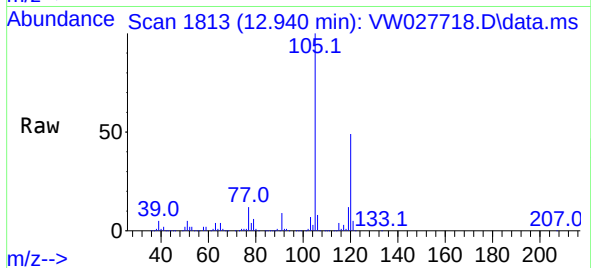




#62
 1,3,5-Trimethylbenzene
 Concen: 24.216 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW027718.D
 Acq: 18 Dec 2023 09:17

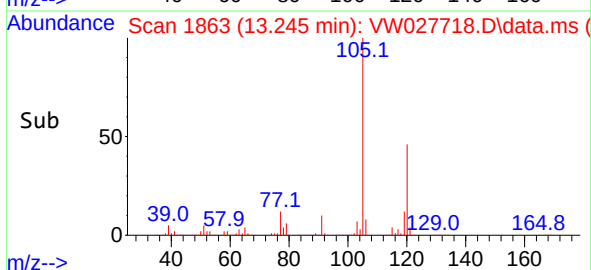
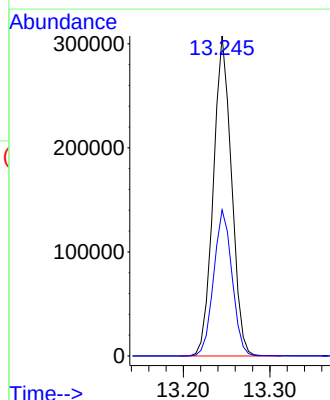
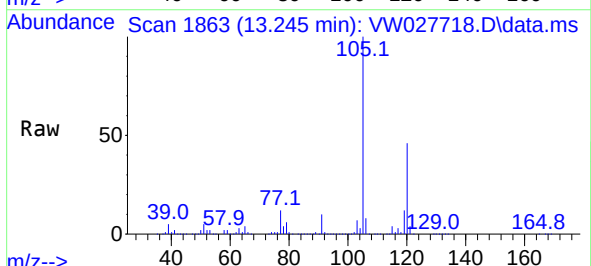
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 463848
 Ion Ratio Lower Upper
 105 100
 120 49.5 40.0 60.0

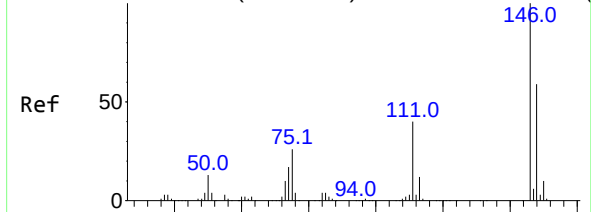


#63
 1,2,4-Trimethylbenzene
 Concen: 23.821 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW027718.D
 Acq: 18 Dec 2023 09:17

Tgt Ion:105 Resp: 449157
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.4 54.6

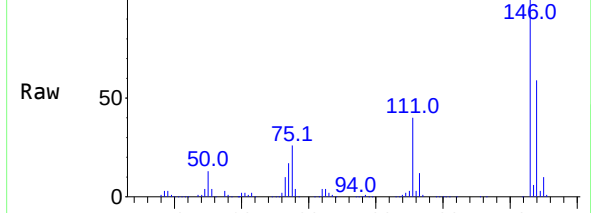


Abundance Scan 1904 (13.495 min): VW027718.D\data.ms (



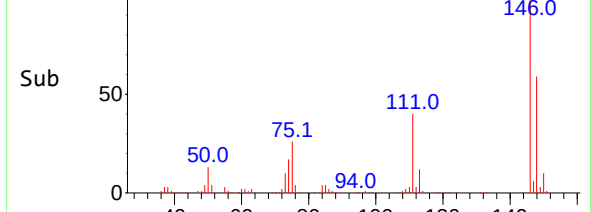
m/z-->

Abundance Scan 1904 (13.495 min): VW027718.D\data.ms



m/z-->

Abundance Scan 1904 (13.495 min): VW027718.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 24.086 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 249398

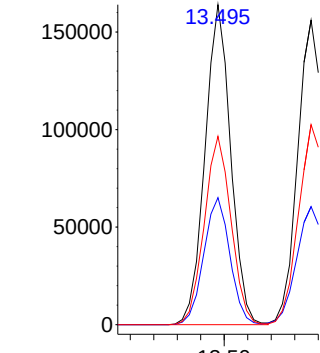
Ion Ratio Lower Upper

146 100

111 39.7 31.1 57.7

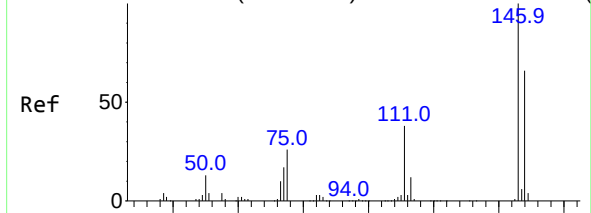
148 58.8 52.6 97.8

Abundance



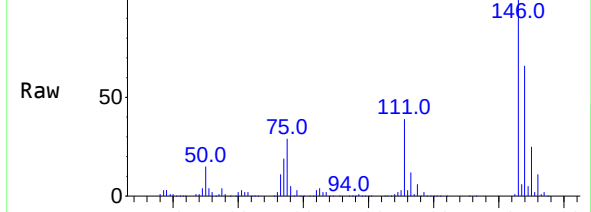
Time-->

Abundance Scan 1917 (13.574 min): VW027718.D\data.ms (



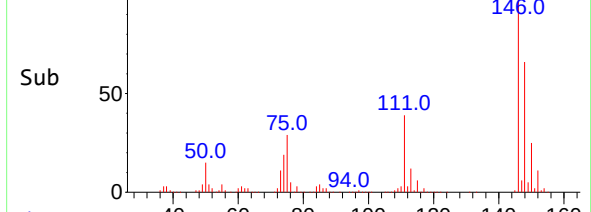
m/z-->

Abundance Scan 1917 (13.574 min): VW027718.D\data.ms



m/z-->

Abundance Scan 1917 (13.574 min): VW027718.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 23.655 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Tgt Ion:146 Resp: 246028

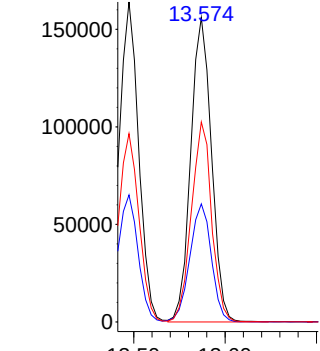
Ion Ratio Lower Upper

146 100

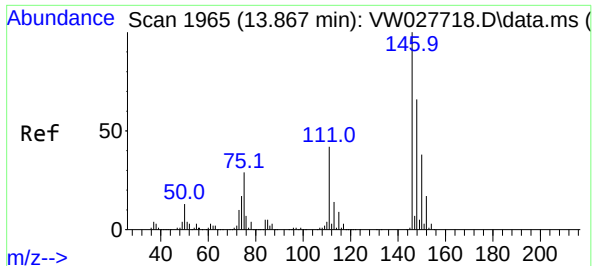
111 38.8 26.2 48.6

148 65.7 46.3 85.9

Abundance



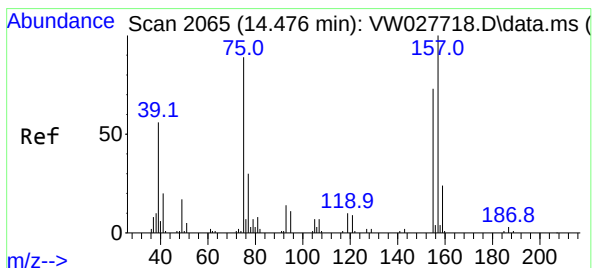
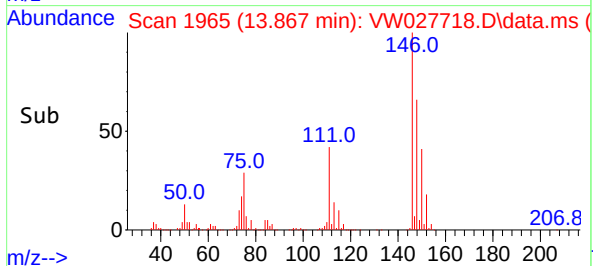
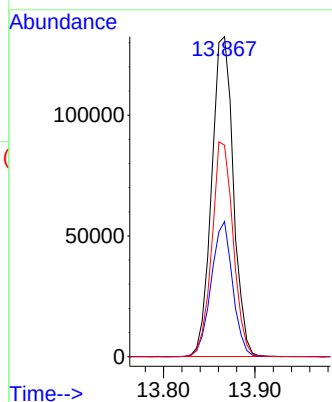
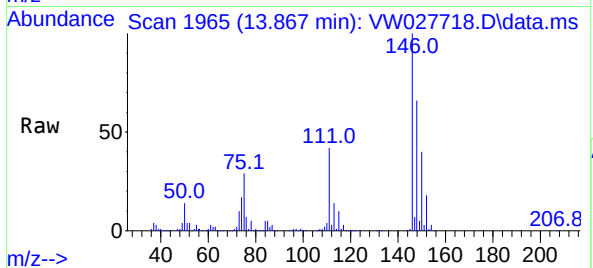
Time-->



#67
1,2-Dichlorobenzene
Concen: 24.247 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

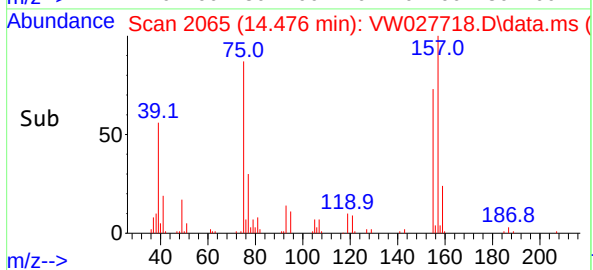
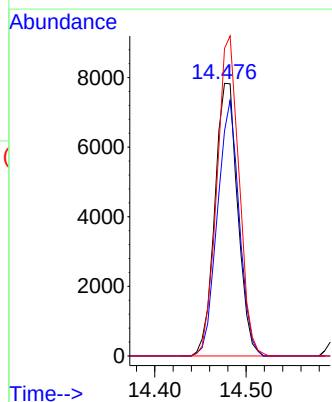
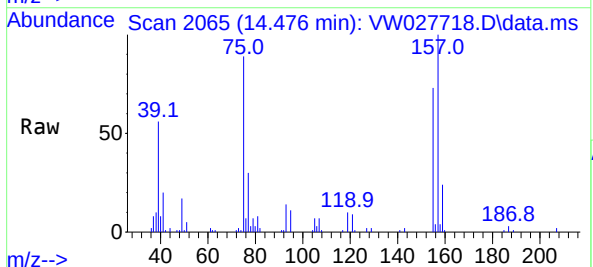
Instrument :
MSVOA_W
ClientSampleId :

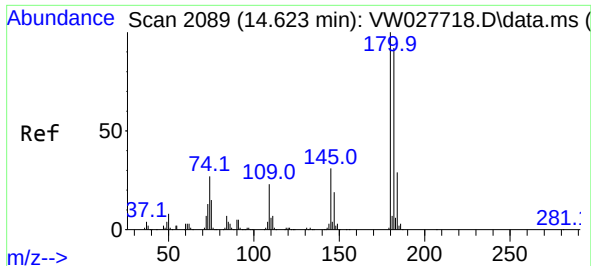
Tgt Ion:146 Resp: 218318
Ion Ratio Lower Upper
146 100
111 42.3 32.1 48.1
148 66.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.126 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion: 75 Resp: 13638
Ion Ratio Lower Upper
75 100
155 82.5 59.8 89.6
157 112.8 87.5 131.3





#69

1,3,5-Trichlorobenzene

Concen: 23.409 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 168656

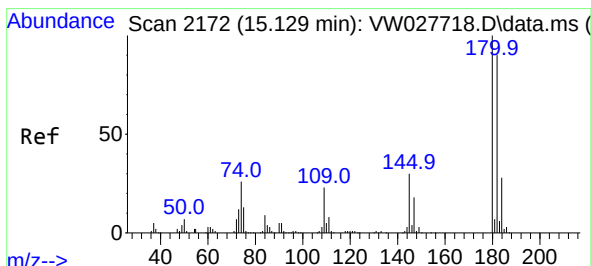
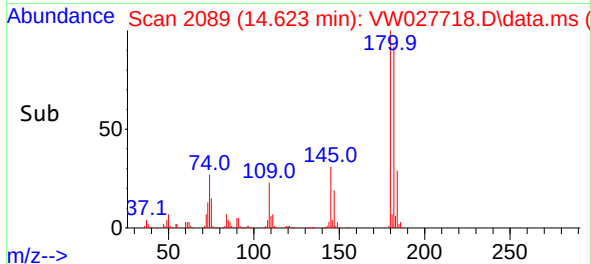
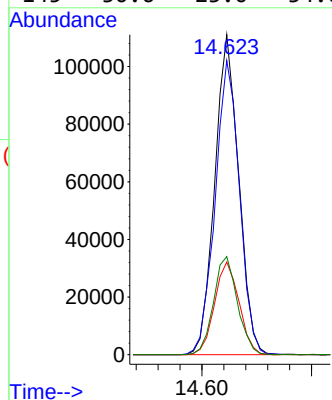
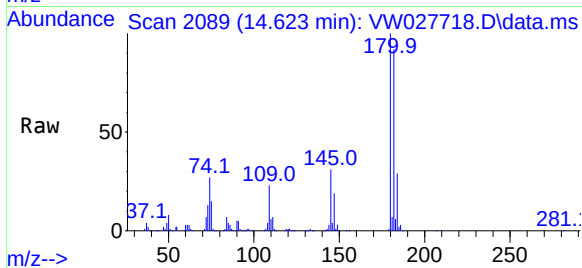
Ion Ratio Lower Upper

180 100

182 93.6 72.6 109.0

184 29.6 23.0 34.6

145 30.6 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 23.077 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027718.D

Acq: 18 Dec 2023 09:17

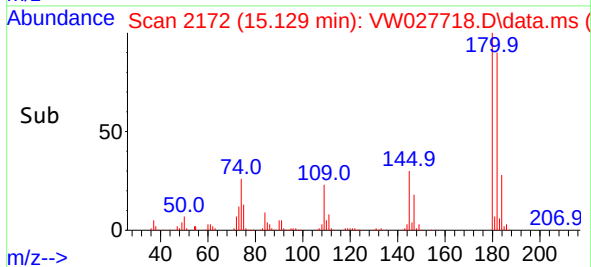
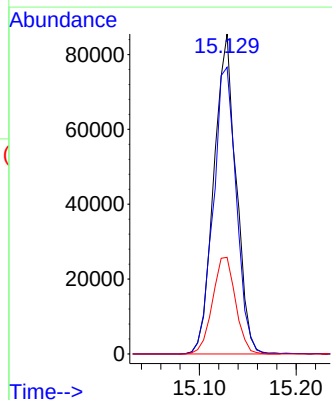
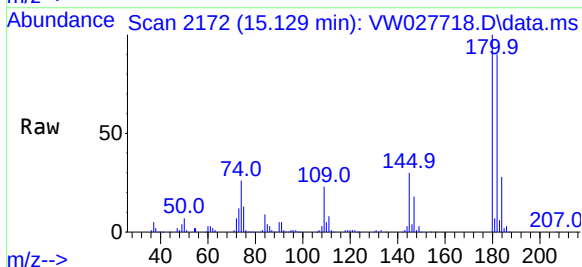
Tgt Ion:180 Resp: 136538

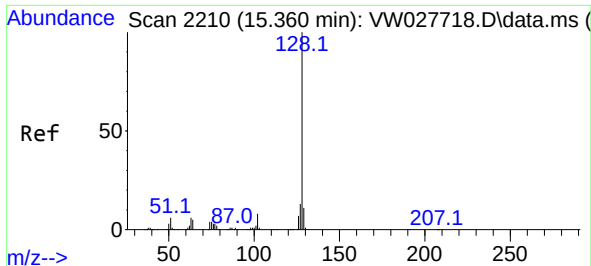
Ion Ratio Lower Upper

180 100

182 92.5 69.7 104.5

145 31.3 24.1 36.1

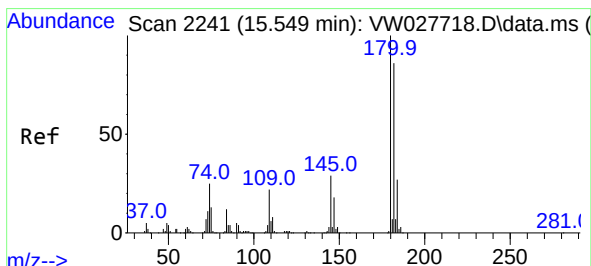
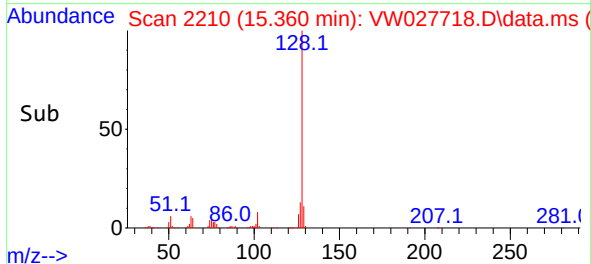
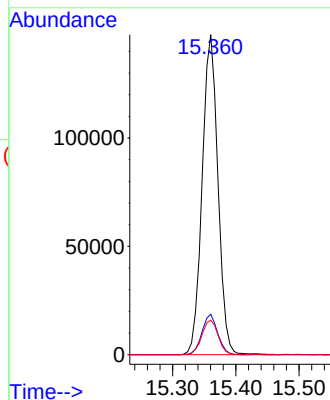
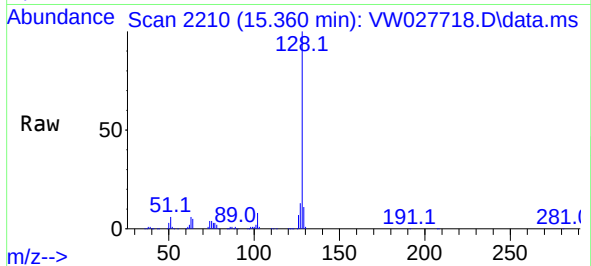




#71
Naphthalene
Concen: 24.490 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 256777
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.225 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027718.D
Acq: 18 Dec 2023 09:17

Tgt Ion:180 Resp: 119840
Ion Ratio Lower Upper
180 100
182 91.3 75.5 113.3
145 31.2 25.0 37.6

