

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020924\
 Data File : VW027977.D
 Acq On : 09 Feb 2024 10:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 09 22:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 23:51:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	289176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	138806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80464	23.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.899	69	68614	26.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.840%
11) 1,1-Dichloroethene-d2	4.021	65	33743	23.284	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.087	46	35039	66.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.160%
24) Chloroform-d	7.648	84	171401	25.349	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	8.301	65	81743	26.768	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.080%
32) Benzene-d6	8.276	84	345347	24.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.320%
36) 1,2-Dichloropropane-d6	9.270	67	94157	24.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.319	98	331986	24.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	10.575	79	41403	26.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.760%
47) 2-Hexanone-d5	10.922	63	33759	65.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.600%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	84299	29.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.600%
66) 1,2-Dichlorobenzene-d4	13.855	152	116734	24.743	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	53769	21.592	ug/L	98
3) Chloromethane	2.223	50	57939	21.186	ug/L	96
5) Vinyl chloride	2.375	62	78485	21.174	ug/L	100
6) Bromomethane	2.796	94	58032	22.157	ug/L	96
8) Chloroethane	2.936	64	51018	24.360	ug/L	94
9) Trichlorofluoromethane	3.271	101	73816	21.912	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	75774	22.316	ug/L	98
12) 1,1-Dichloroethene	4.045	96	70980	22.471	ug/L	99
13) Acetone	4.143	43	31067	60.710	ug/L	95
14) Carbon disulfide	4.393	76	191702	20.499	ug/L	99
15) Methyl Acetate	4.679	43	23096	27.111	ug/L	96
16) Methylene chloride	4.923	84	74909	20.725	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	74899	22.070	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	102405	25.453	ug/L	99
19) 1,1-Dichloroethane	6.222	63	126776	22.995	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	83277	23.238	ug/L	98
22) 2-Butanone	7.179	43	35181	59.558	ug/L	94
23) Bromochloromethane	7.514	128	39494	24.810	ug/L	84
25) Chloroform	7.673	83	140574	23.718	ug/L	94

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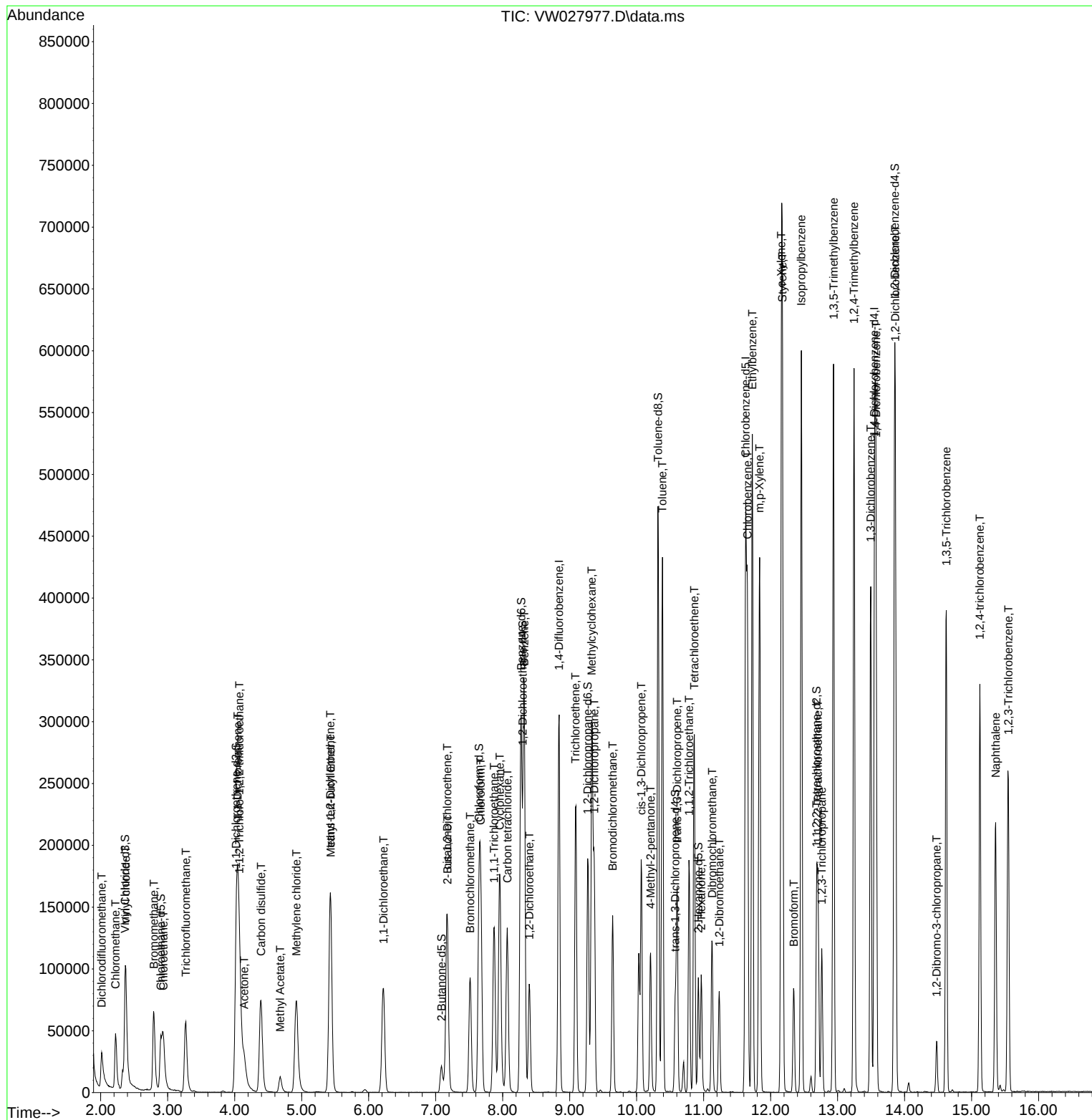
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82682	25.051	ug/L	97
29) Cyclohexane	7.959	56	103738	22.386	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	117707	23.452	ug/L	99
31) Carbon tetrachloride	8.069	117	105702	22.765	ug/L	99
33) Benzene	8.325	78	301471	23.215	ug/L	100
34) Trichloroethene	9.087	95	83560	22.415	ug/L	96
35) Methylcyclohexane	9.331	83	137604	22.431	ug/L	99
37) 1,2-Dichloropropane	9.368	63	72162	23.648	ug/L	100
38) Bromodichloromethane	9.642	83	98601	24.207	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	119465	24.425	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	68115	59.140	ug/L	99
42) Toluene	10.386	91	338552	23.252	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	98713	25.428	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	61745	25.563	ug/L	96
46) Tetrachloroethene	10.861	164	71908	22.924	ug/L	95
48) 2-Hexanone	10.965	43	52899	60.638	ug/L	99
49) Dibromochloromethane	11.129	129	69415	25.208	ug/L	96
50) 1,2-Dibromoethane	11.233	107	56963	25.266	ug/L	88
51) Chlorobenzene	11.654	112	226182	23.356	ug/L	97
52) Ethylbenzene	11.727	91	388816	23.685	ug/L	99
53) m,p-Xylene	11.837	106	153061	23.775	ug/L	97
54) o-Xylene	12.160	106	142544	23.608	ug/L	98
55) Styrene	12.178	104	240807	23.944	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	70422	27.227	ug/L	96
59) Bromoform	12.349	173	42122	25.710	ug/L #	99
60) Isopropylbenzene	12.458	105	396061	22.852	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49065	26.486	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	322323	23.240	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	326139	24.031	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	185373	23.283	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	185933	22.969	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	165143	23.484	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10423	28.340	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	129795	22.703	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	105051	22.755	ug/L	99
71) Naphthalene	15.360	128	203054	28.304	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95573	24.813	ug/L	99

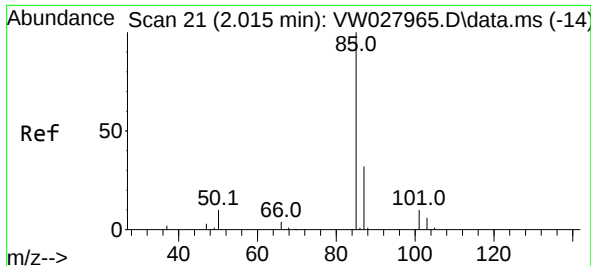
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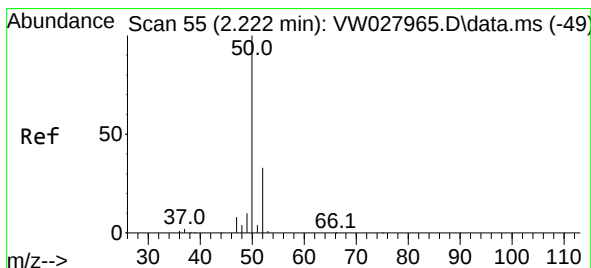
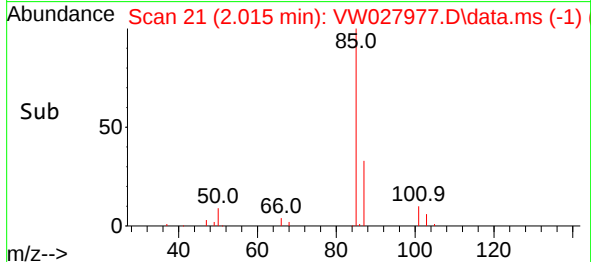
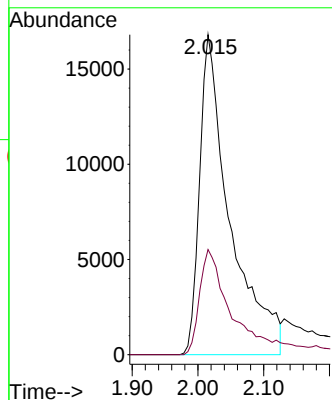
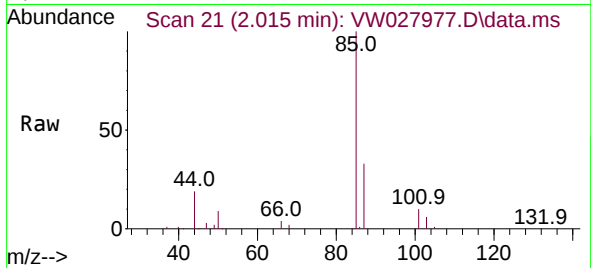




#2
 Dichlorodifluoromethane
 Concen: 21.592 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

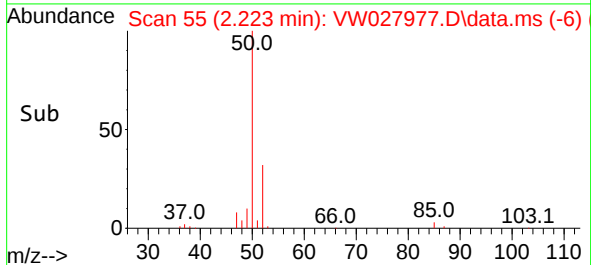
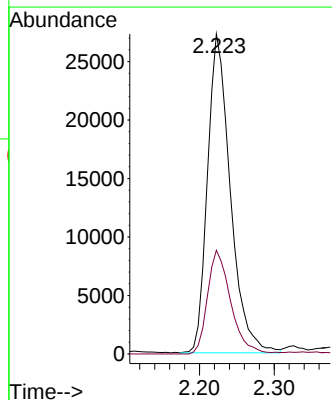
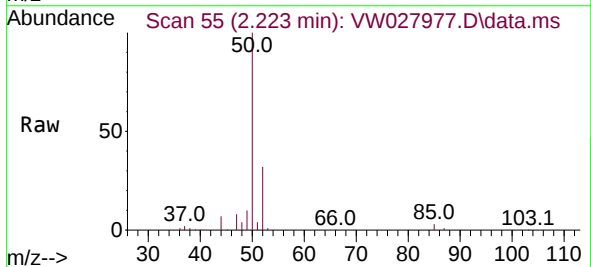
Instrument :
 MSVOA_W
 ClientSampleId :

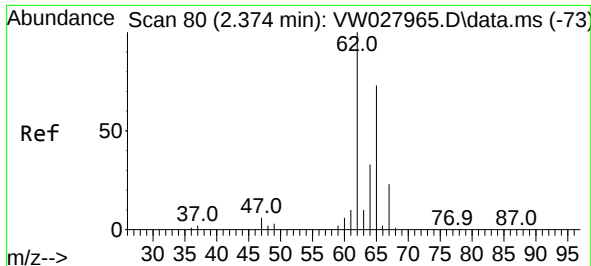
Tgt Ion: 85 Resp: 53769
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.3 37.9



#3
 Chloromethane
 Concen: 21.186 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

Tgt Ion: 50 Resp: 57939
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.3 45.1

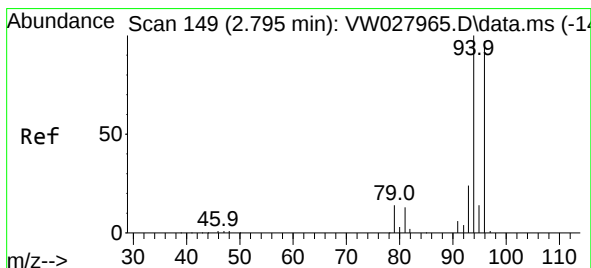
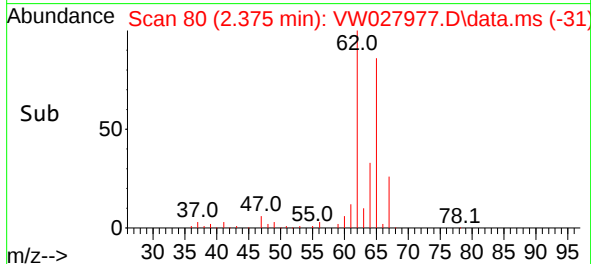
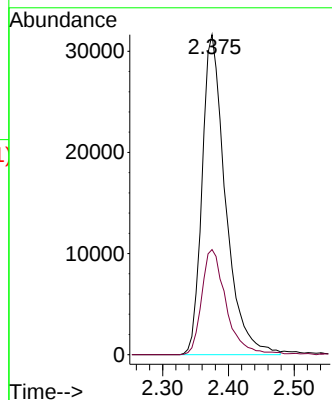
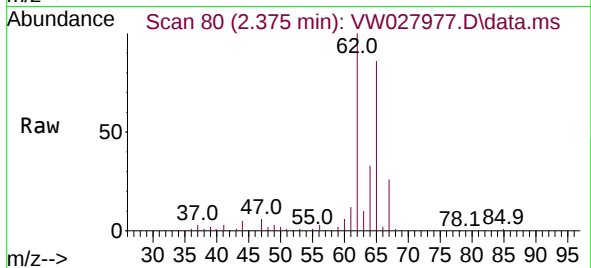




#5
 Vinyl chloride
 Concen: 21.174 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

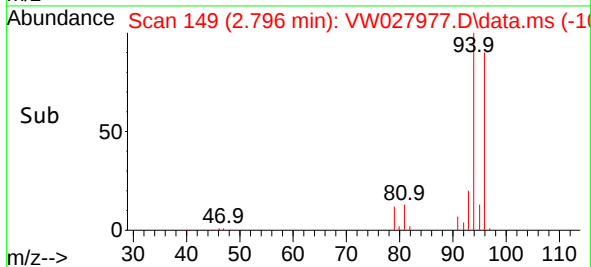
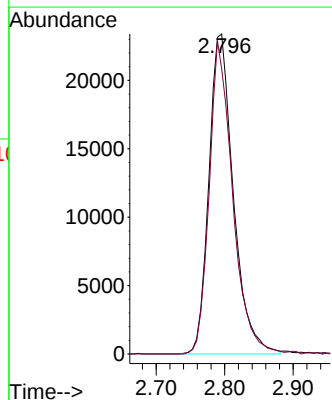
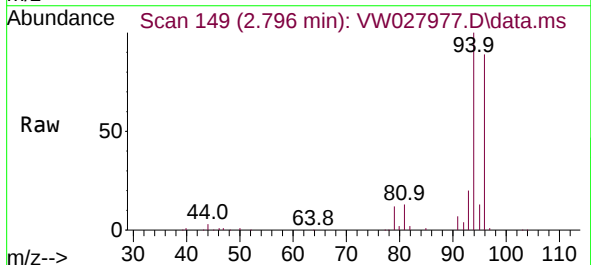
Instrument :
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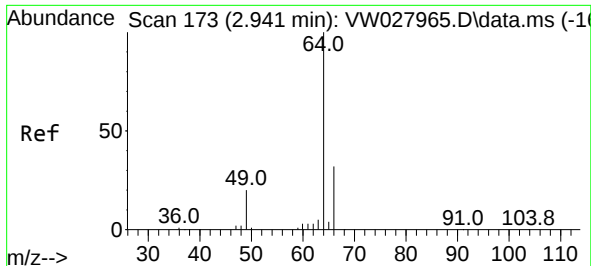
Tgt Ion: 62 Resp: 78485
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 22.157 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

Tgt Ion: 94 Resp: 58032
 Ion Ratio Lower Upper
 94 100
 96 89.2 65.3 121.3

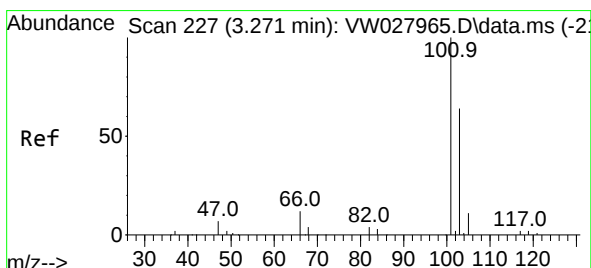
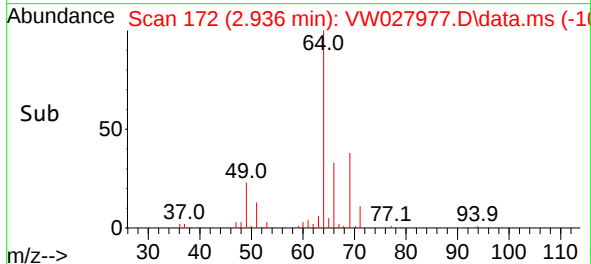
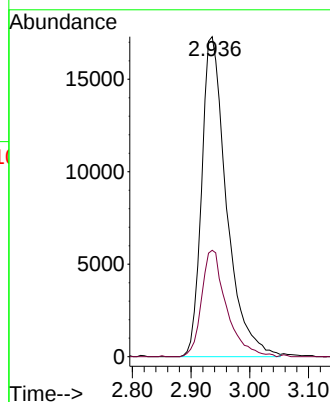
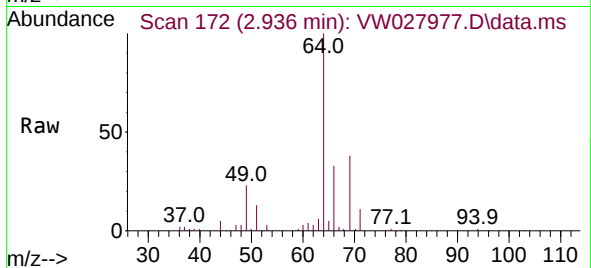




#8
Chloroethane
Concen: 24.360 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

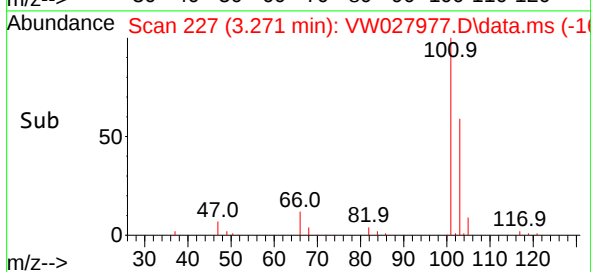
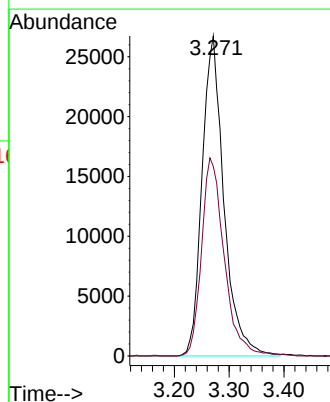
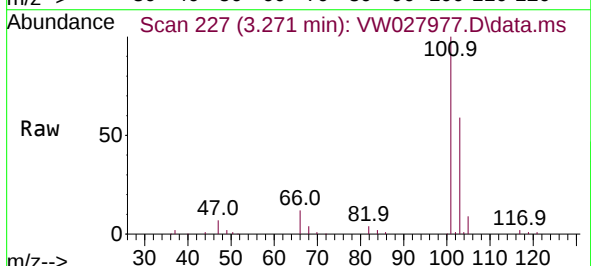
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MSVOA_W
ClientSampleId :

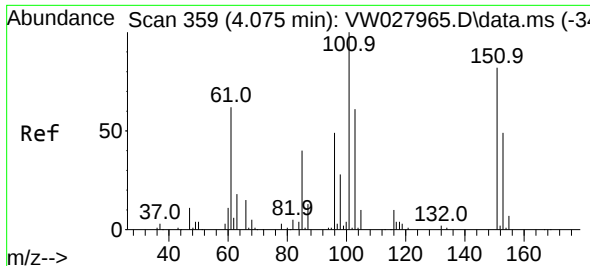
Tgt Ion: 64 Resp: 51018
Ion Ratio Lower Upper
64 100
66 33.3 20.9 38.7



#9
Trichlorofluoromethane
Concen: 21.912 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion:101 Resp: 73816
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

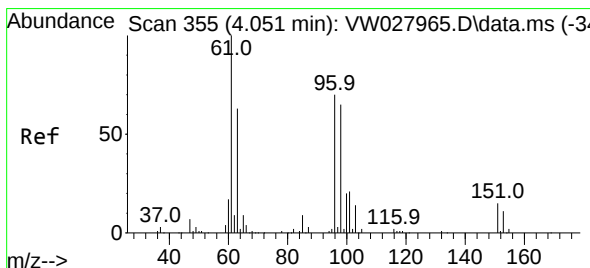
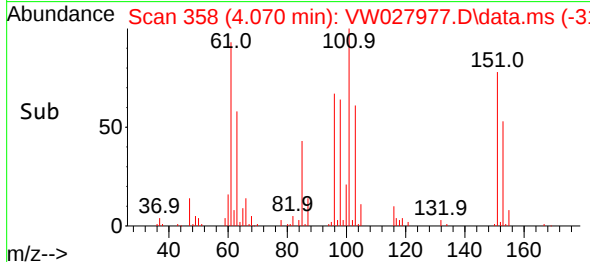
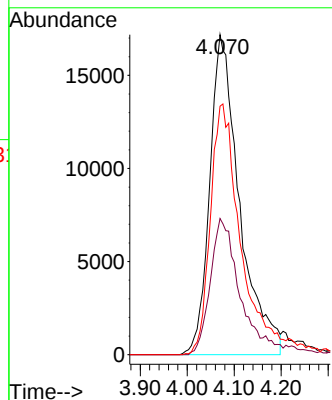
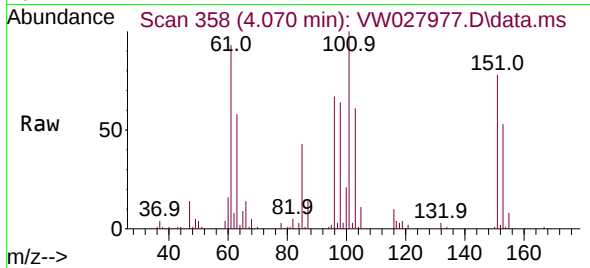




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.316 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

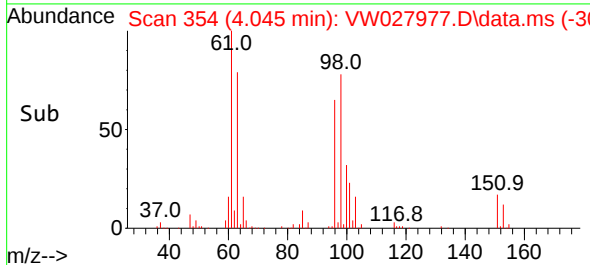
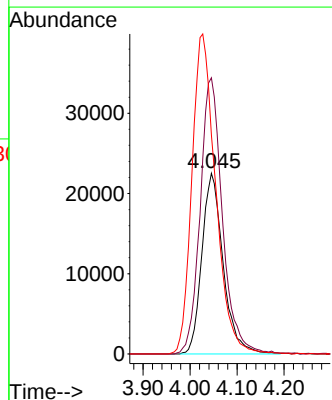
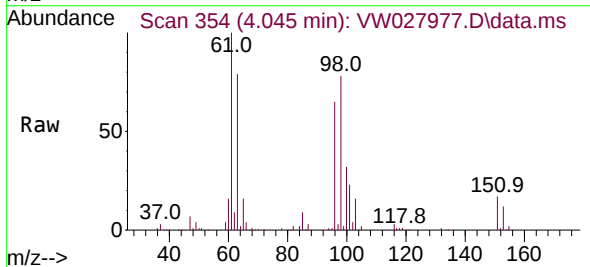
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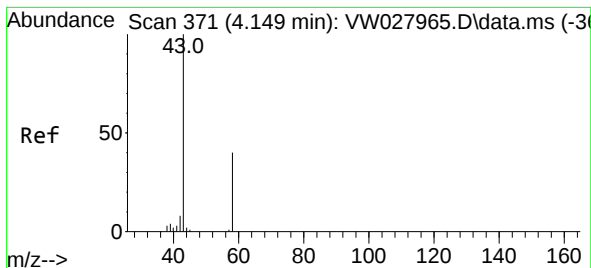
Tgt Ion:101 Resp: 75774
Ion Ratio Lower Upper
101 100
85 39.7 33.8 50.6
151 78.7 62.6 93.8



#12
1,1-Dichloroethene
Concen: 22.471 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion: 96 Resp: 70980
Ion Ratio Lower Upper
96 100
61 152.9 107.4 199.4
63 121.2 86.0 159.6





#13

Acetone

Concen: 60.710 ug/L

RT: 4.143 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

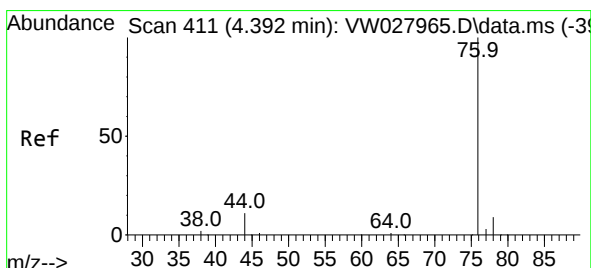
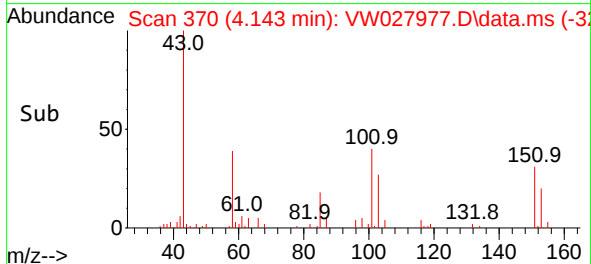
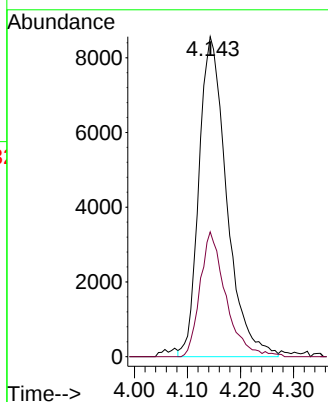
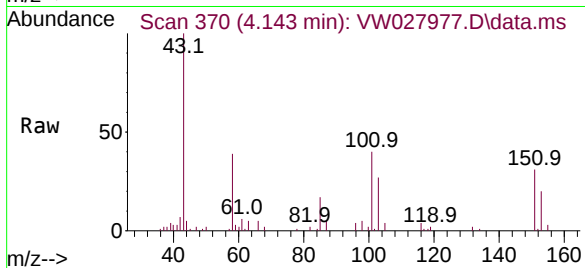
ClientSampleId :

Tgt Ion: 43 Resp: 31067

Ion Ratio Lower Upper

43 100

58 35.6 0.0 66.0



#14

Carbon disulfide

Concen: 20.499 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027977.D

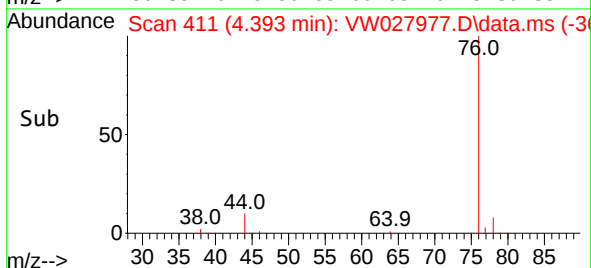
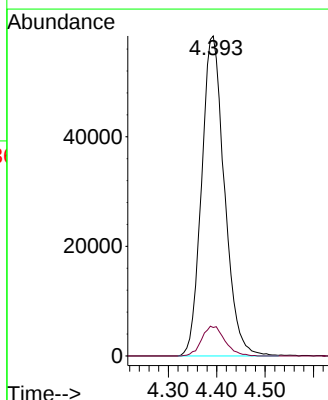
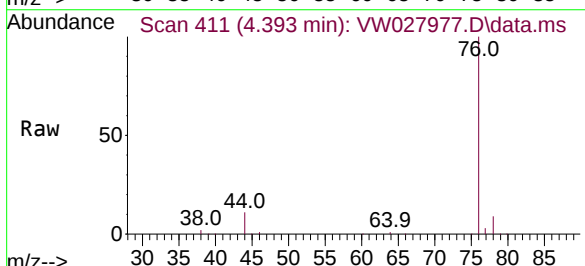
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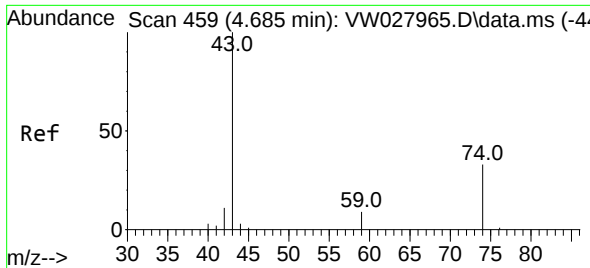
Tgt Ion: 76 Resp: 191702

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

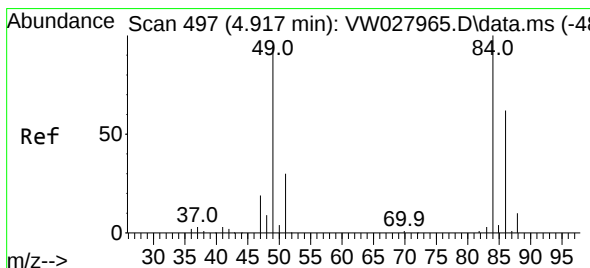
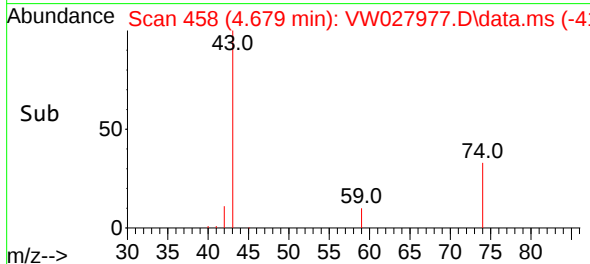
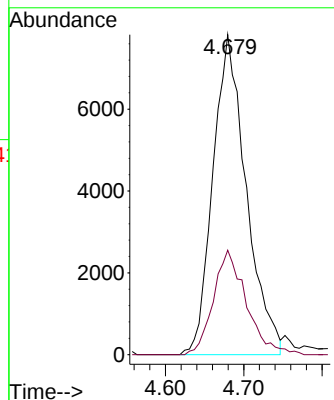
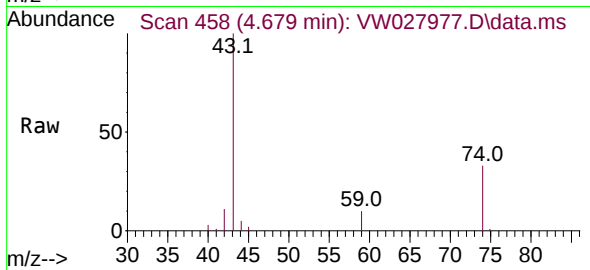




#15
Methyl Acetate
Concen: 27.111 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

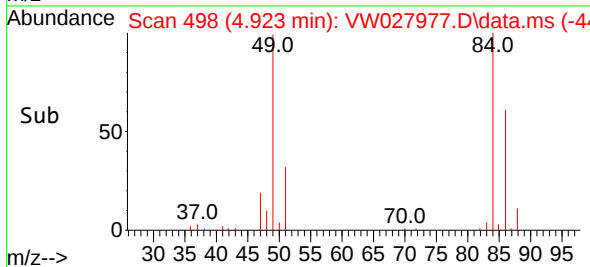
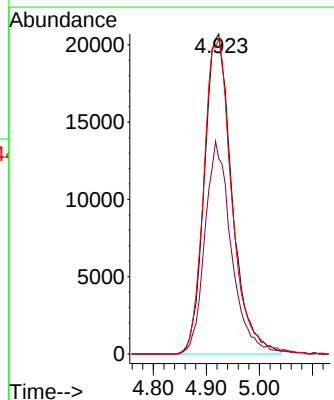
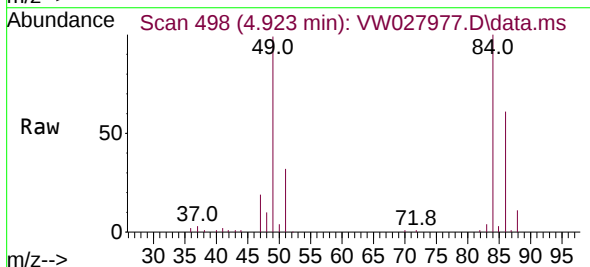
Instrument :
MSVOA_W
ClientSampleId :

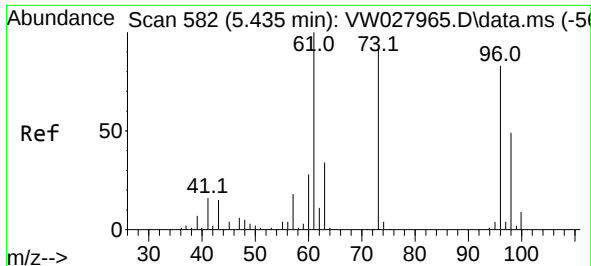
Tgt Ion: 43 Resp: 23096
Ion Ratio Lower Upper
43 100
74 32.3 24.2 36.2



#16
Methylene chloride
Concen: 20.725 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.007 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion: 84 Resp: 74909
Ion Ratio Lower Upper
84 100
86 61.0 45.4 84.4
49 98.6 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 22.070 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

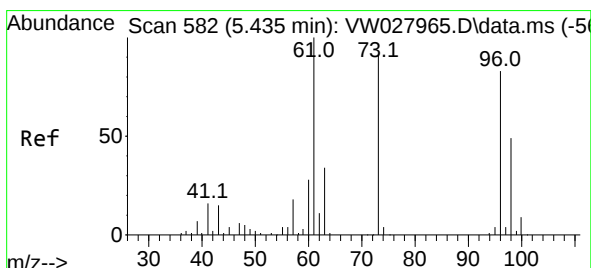
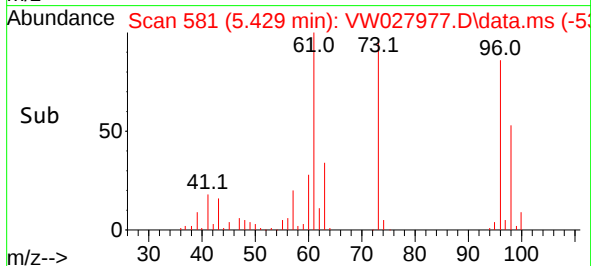
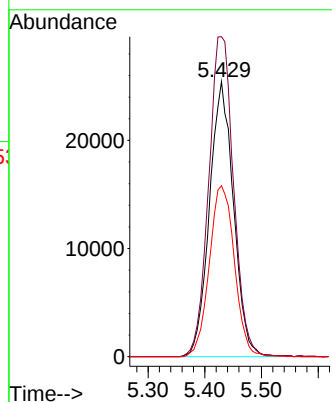
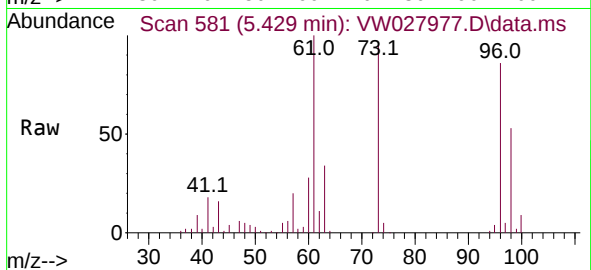
Tgt Ion: 96 Resp: 74899

Ion Ratio Lower Upper

96 100

61 116.3 80.1 148.7

98 62.1 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 25.453 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

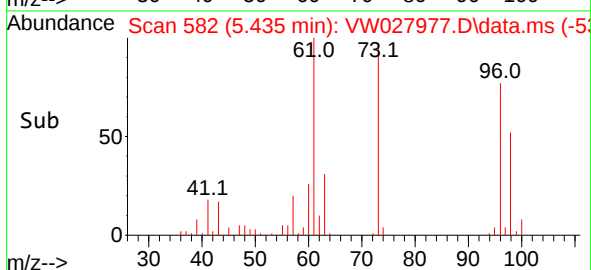
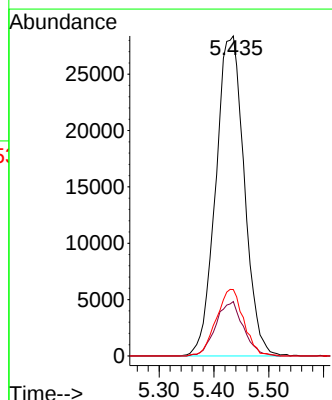
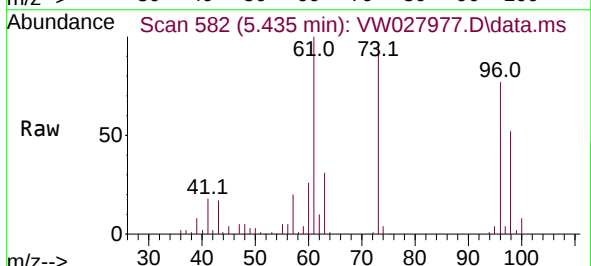
Tgt Ion: 73 Resp: 102405

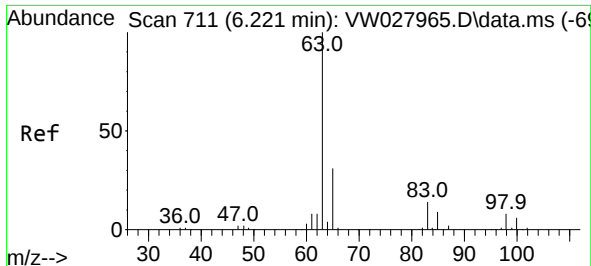
Ion Ratio Lower Upper

73 100

43 16.5 13.4 20.0

57 19.8 16.3 24.5





#19

1,1-Dichloroethane

Concen: 22.995 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

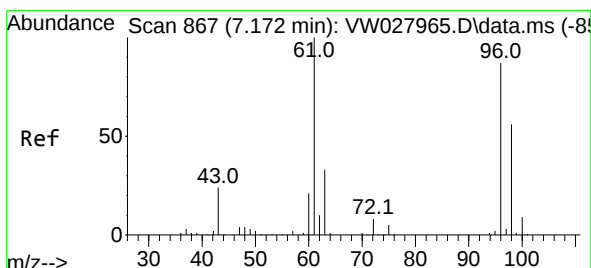
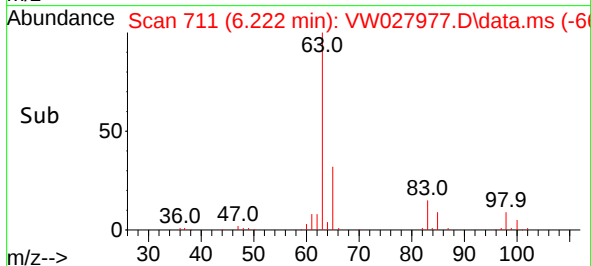
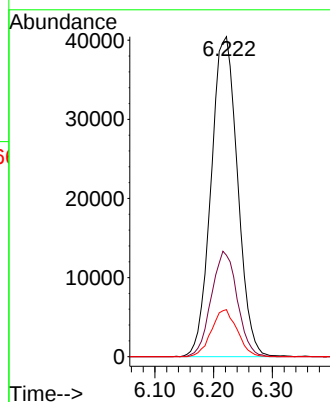
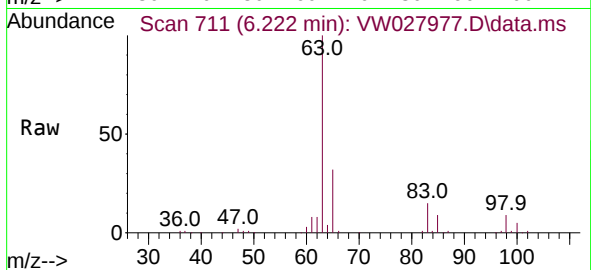
Tgt Ion: 63 Resp: 126776

Ion Ratio Lower Upper

63 100

65 31.7 23.1 42.9

83 14.7 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 23.238 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

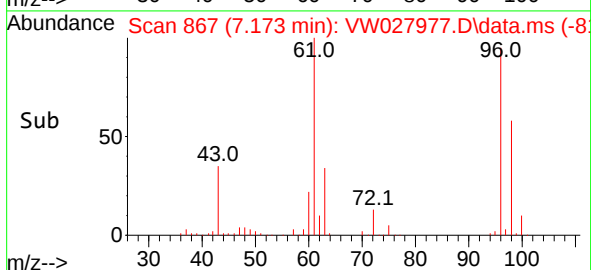
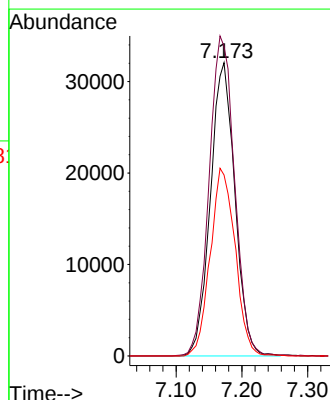
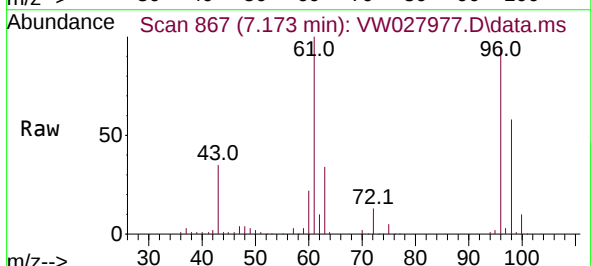
Tgt Ion: 96 Resp: 83277

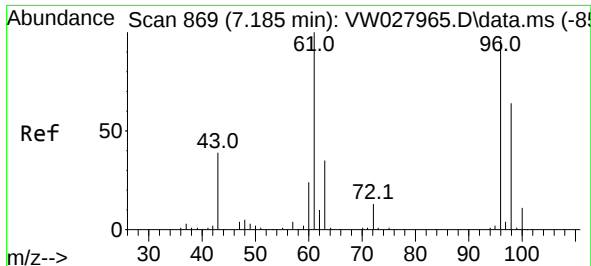
Ion Ratio Lower Upper

96 100

61 105.5 76.3 141.7

98 61.7 42.9 79.7

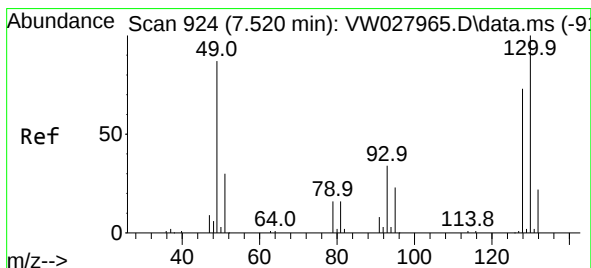
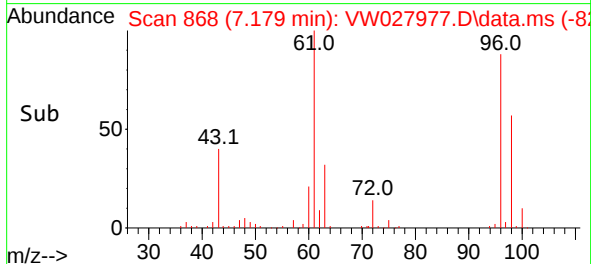
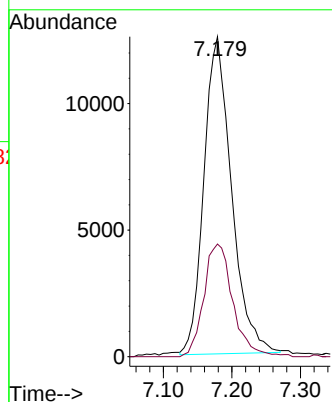
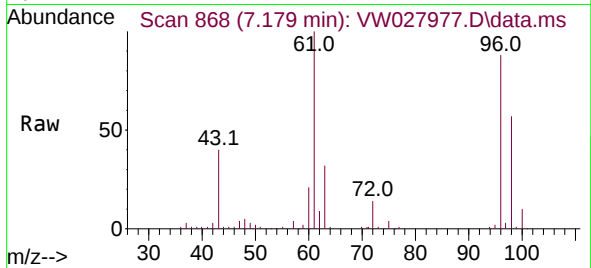




#22
2-Butanone
Concen: 59.558 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

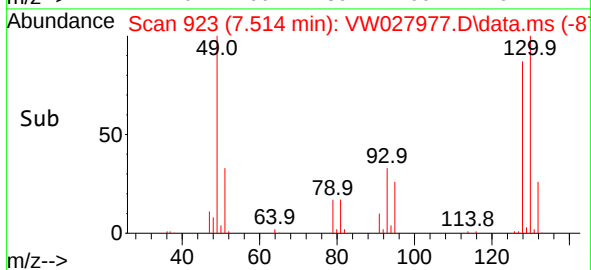
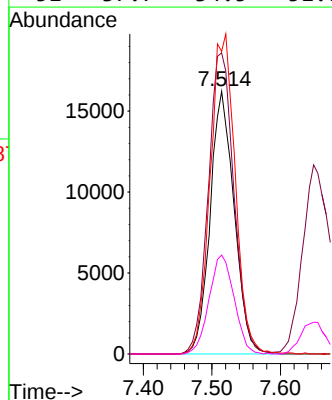
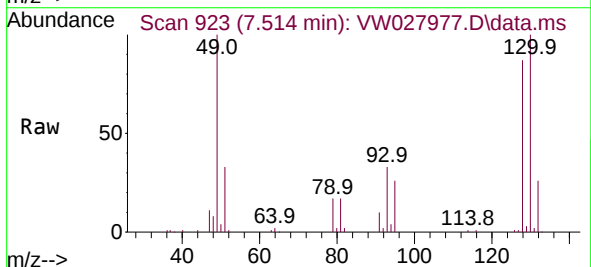
Instrument :
MSVOA_W
ClientSampleId :

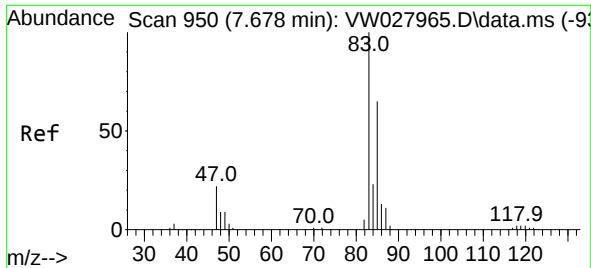
Tgt Ion: 43 Resp: 35181
Ion Ratio Lower Upper
43 100
72 37.1 17.0 50.9



#23
Bromochloromethane
Concen: 24.810 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion: 128 Resp: 39494
Ion Ratio Lower Upper
128 100
49 114.7 93.2 173.2
130 115.2 97.4 180.8
51 37.7 34.5 51.7

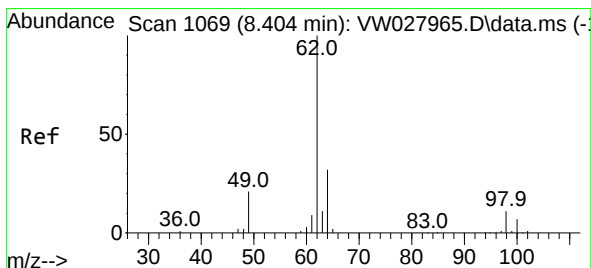
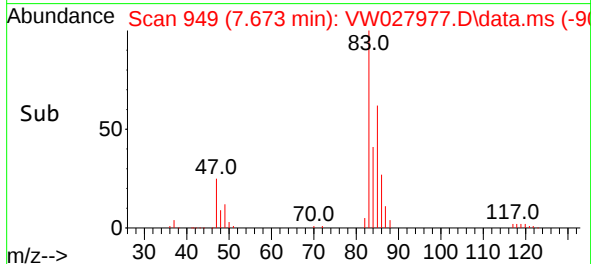
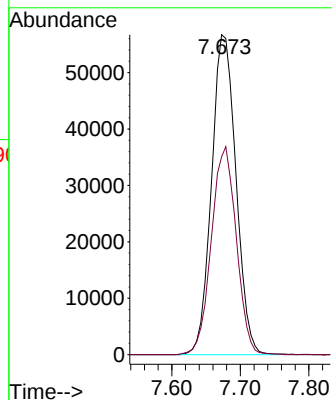
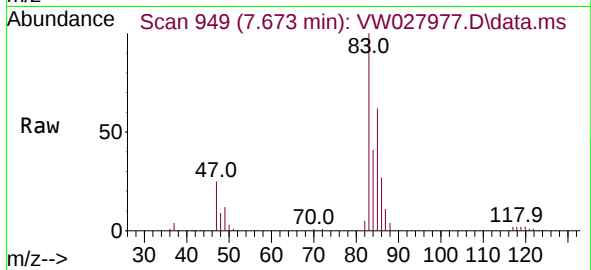




#25
Chloroform
Concen: 23.718 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

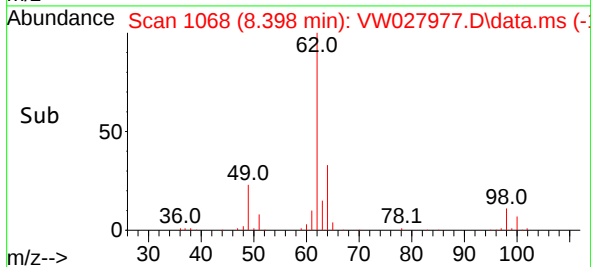
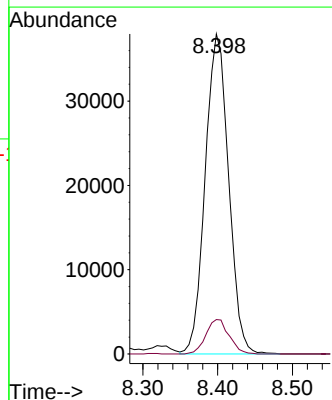
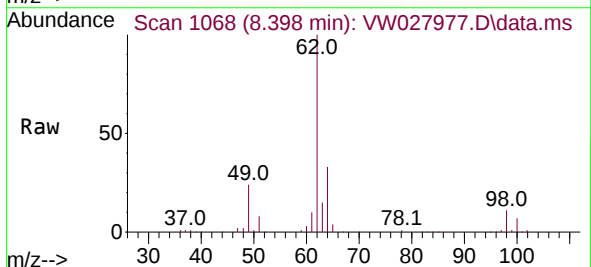
Instrument :
MSVOA_W
ClientSampleId :

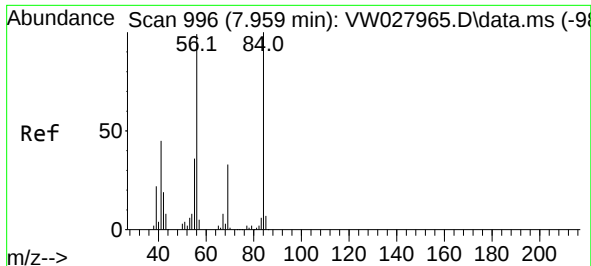
Tgt Ion: 83 Resp: 140574
Ion Ratio Lower Upper
83 100
85 61.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.051 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

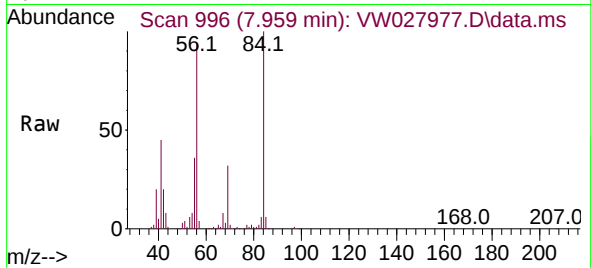
Tgt Ion: 62 Resp: 82682
Ion Ratio Lower Upper
62 100
98 10.8 9.4 14.2



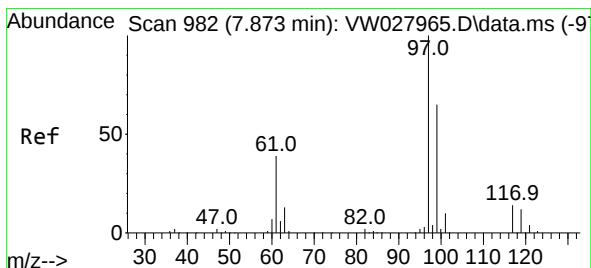
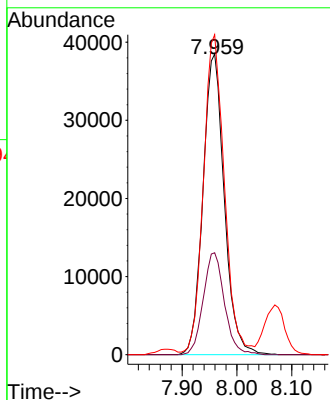
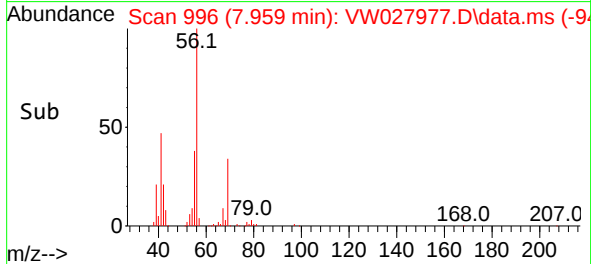


#29
Cyclohexane
Concen: 22.386 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Instrument :
MSVOA_W
ClientSampleId :

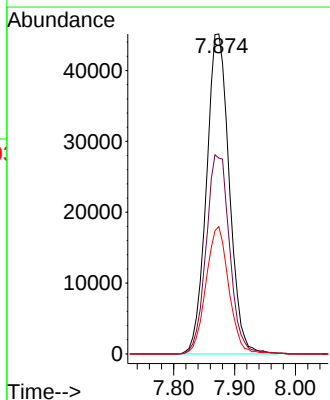
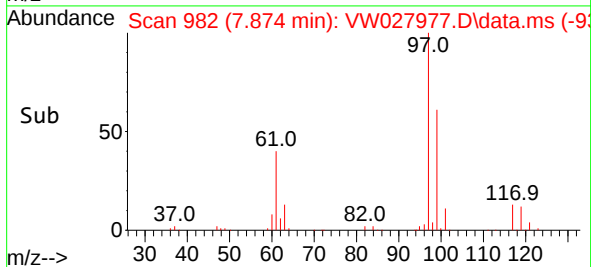
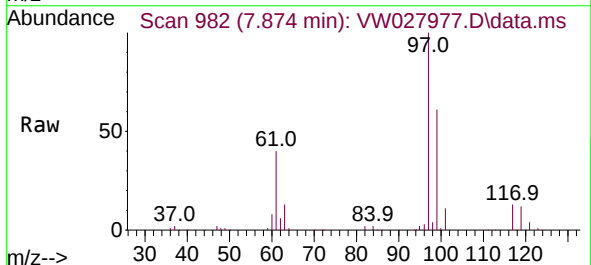


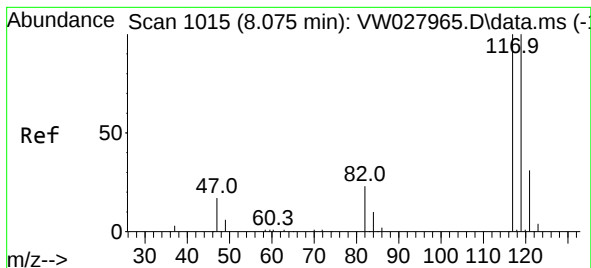
Tgt Ion:	56	69	84	Resp:	103738
Ion Ratio	100	33.7	104.2	Lower	Upper
				26.3	39.5
				81.6	122.4



#30
1,1,1-Trichloroethane
Concen: 23.452 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion:	97	99	61	Resp:	117707
Ion Ratio	100	64.2	39.6	Lower	Upper
				51.4	77.0
				32.9	49.3





#31

Carbon tetrachloride

Concen: 22.765 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

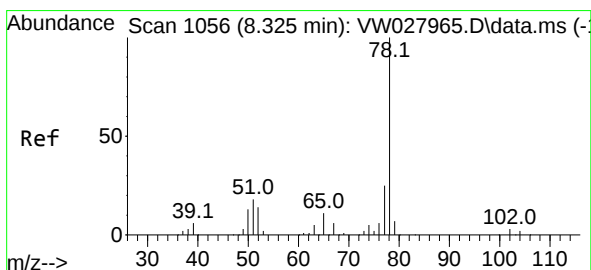
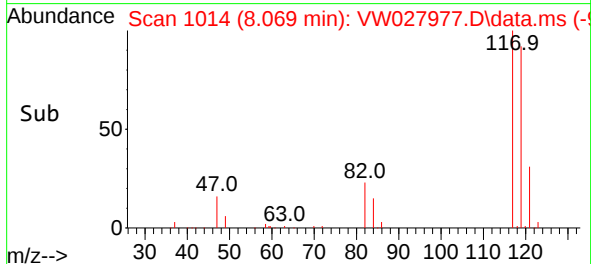
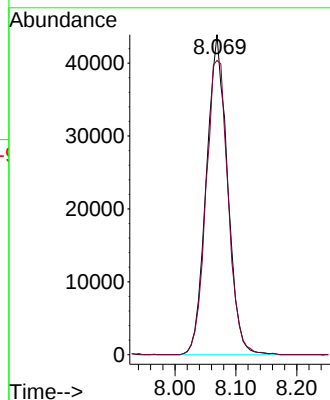
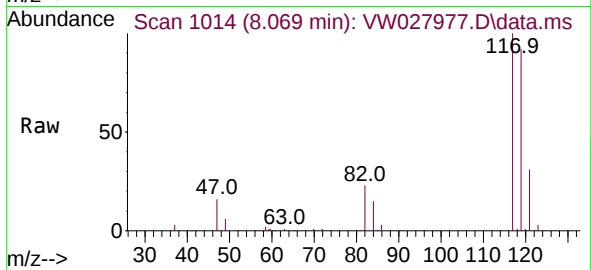
ClientSampleId :

Tgt Ion:117 Resp: 105702

Ion Ratio Lower Upper

117 100

119 96.9 76.5 114.7



#33

Benzene

Concen: 23.215 ug/L

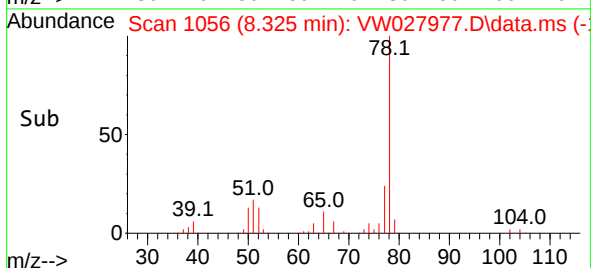
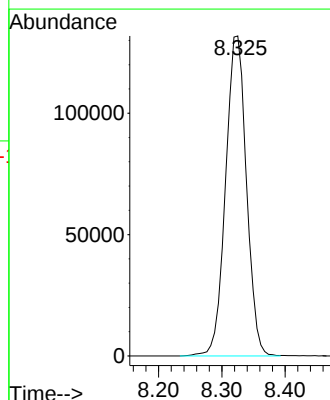
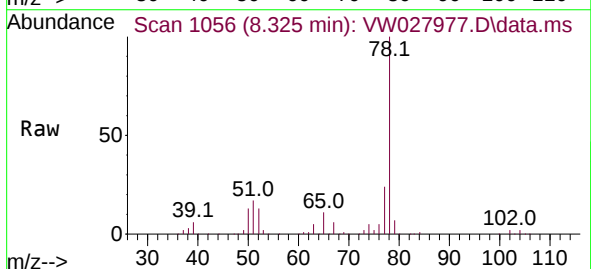
RT: 8.325 min Scan# 1056

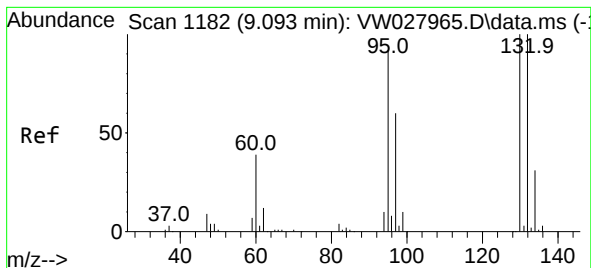
Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Tgt Ion: 78 Resp: 301471





#34

Trichloroethene

Concen: 22.415 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 83560

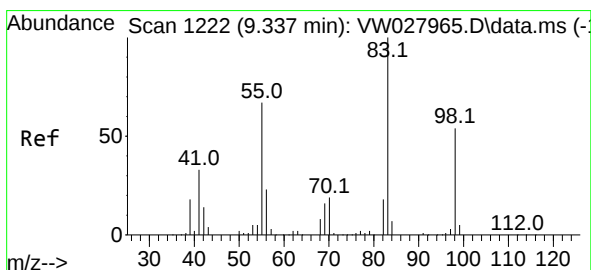
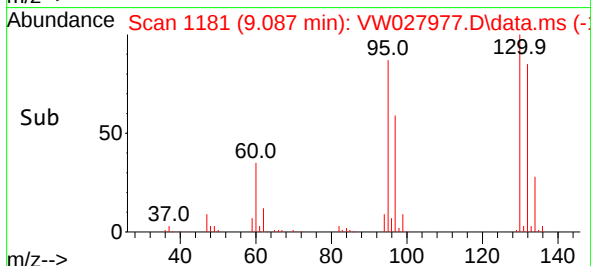
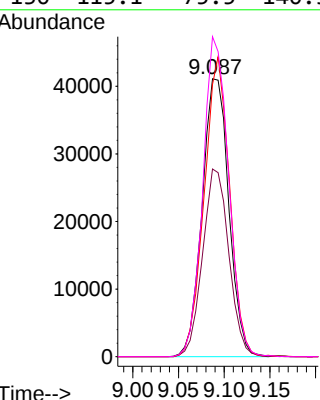
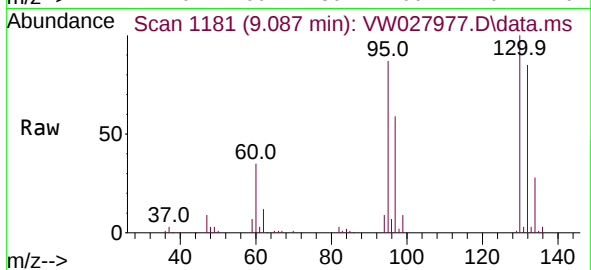
Ion Ratio Lower Upper

95 100

97 67.5 44.3 82.3

132 97.9 68.0 126.2

130 115.1 75.5 140.3



#35

Methylcyclohexane

Concen: 22.431 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

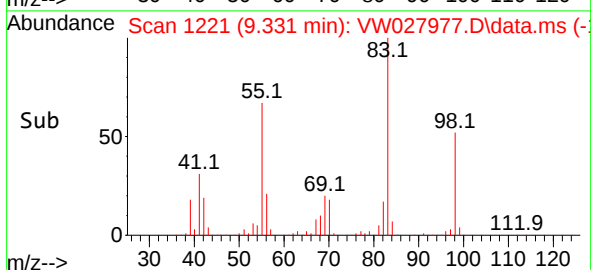
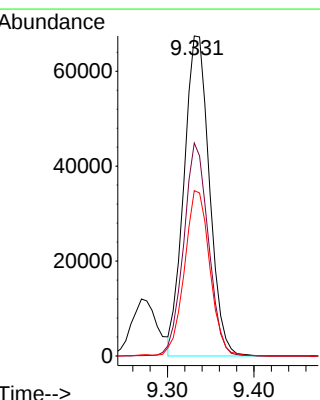
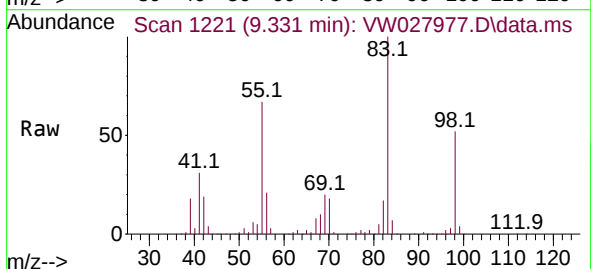
Tgt Ion: 83 Resp: 137604

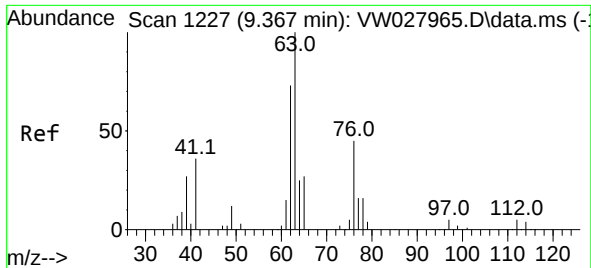
Ion Ratio Lower Upper

83 100

55 64.7 52.3 78.5

98 51.5 41.9 62.9





#37

1,2-Dichloropropane

Concen: 23.648 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

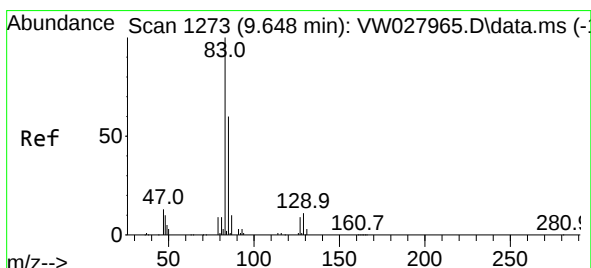
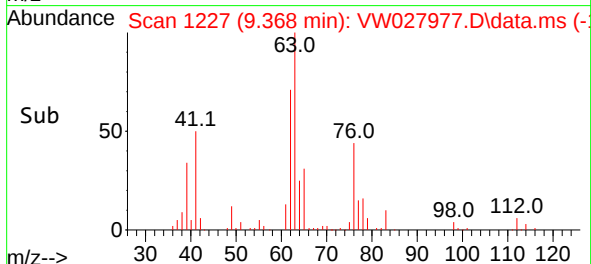
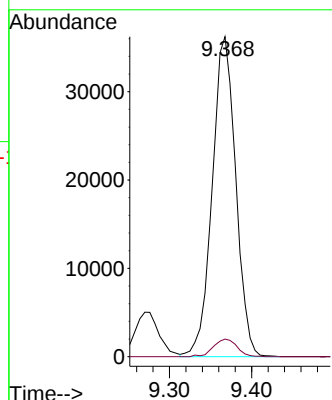
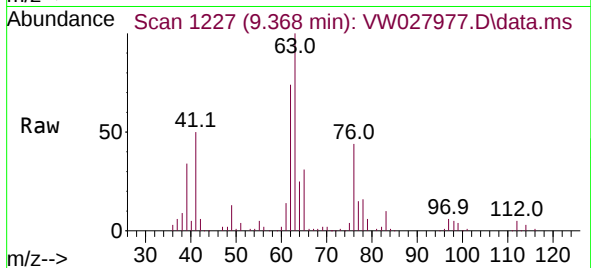
ClientSampleId :

Tgt Ion: 63 Resp: 72162

Ion Ratio Lower Upper

63 100

112 5.4 4.2 6.2



#38

Bromodichloromethane

Concen: 24.207 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

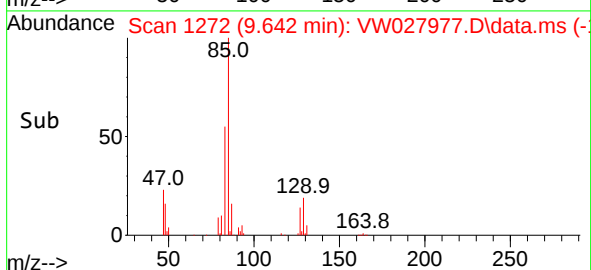
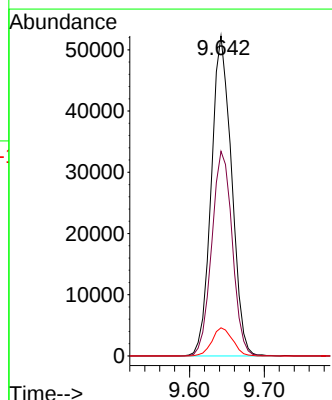
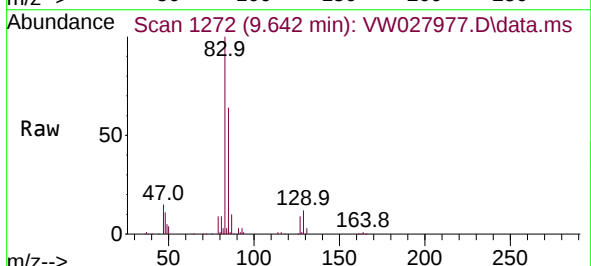
Tgt Ion: 83 Resp: 98601

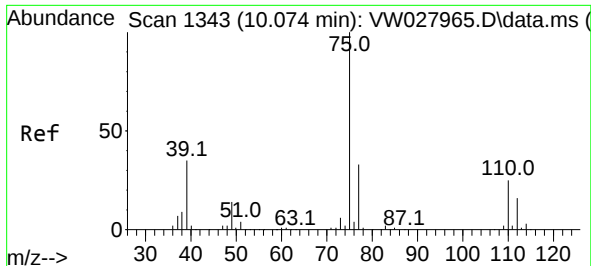
Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

127 8.8 7.1 10.7

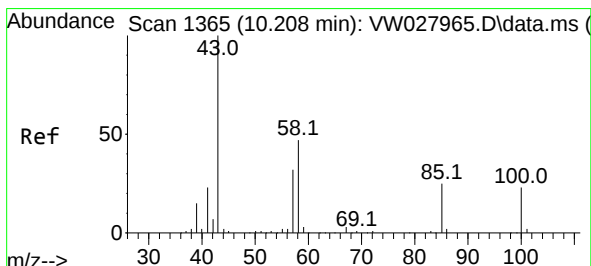
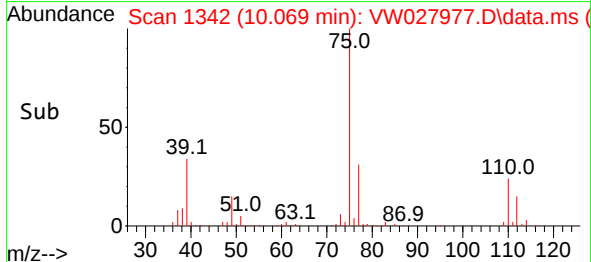
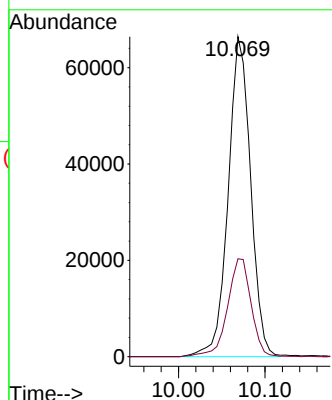
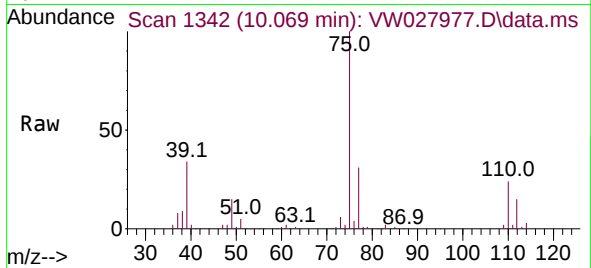




#39
 cis-1,3-Dichloropropene
 Concen: 24.425 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

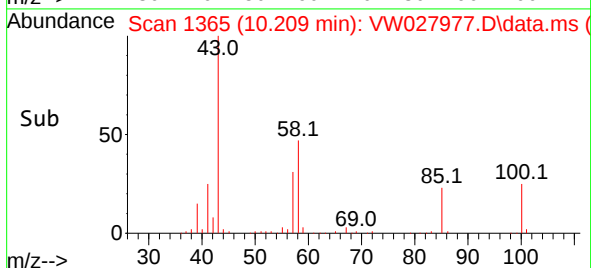
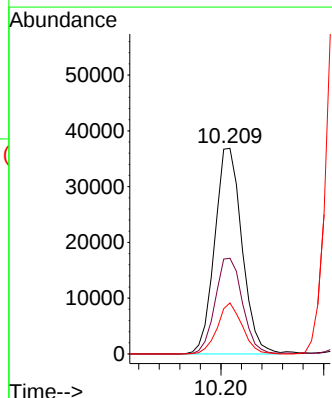
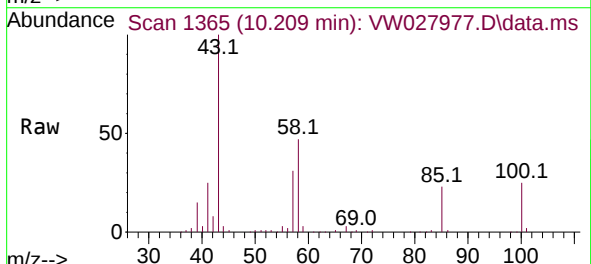
Instrument :
 MSVOA_W
 ClientSampleId :

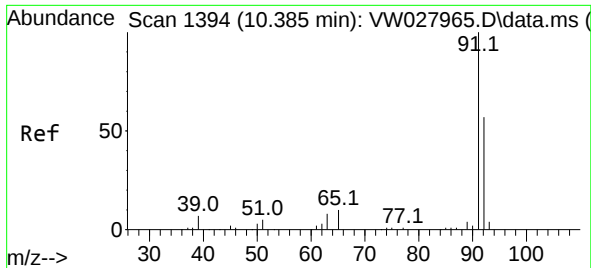
Tgt Ion: 75 Resp: 119465
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 59.140 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

Tgt Ion: 43 Resp: 68115
 Ion Ratio Lower Upper
 43 100
 58 46.6 36.7 55.1
 100 22.6 18.4 27.6





#42

Toluene

Concen: 23.252 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

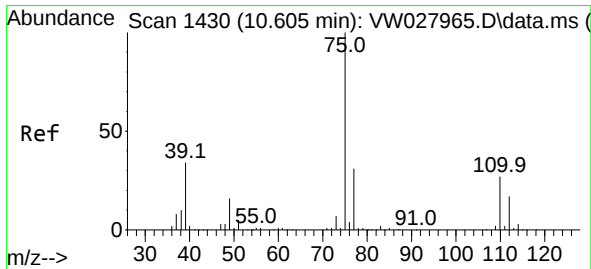
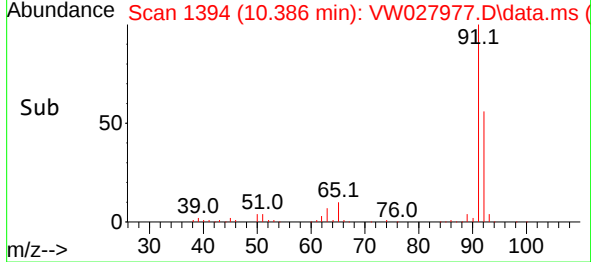
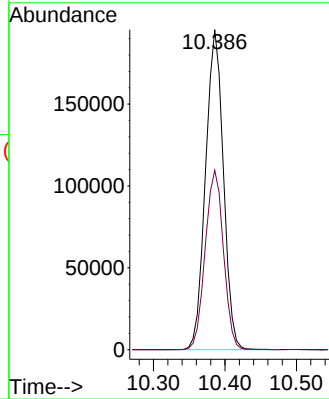
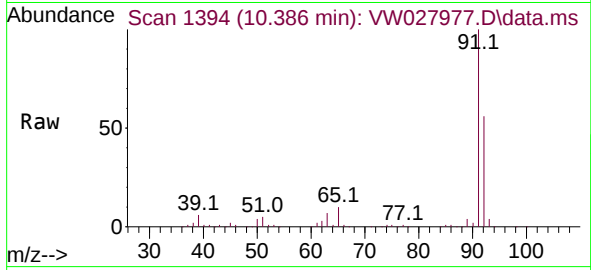
ClientSampleId :

Tgt Ion: 91 Resp: 338552

Ion Ratio Lower Upper

91 100

92 56.0 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 25.428 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027977.D

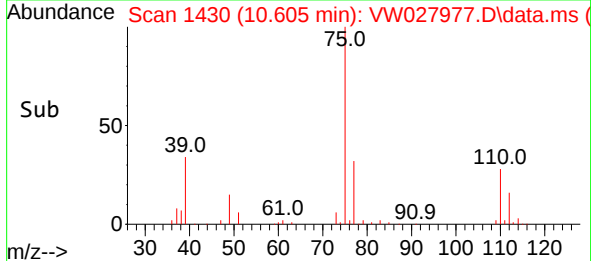
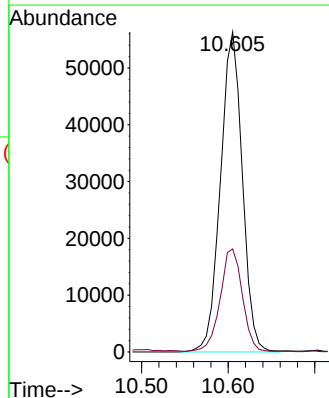
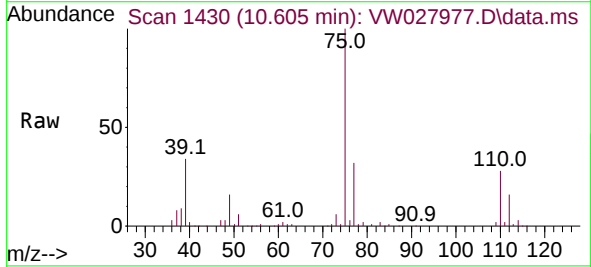
Acq: 09 Feb 2024 10:08

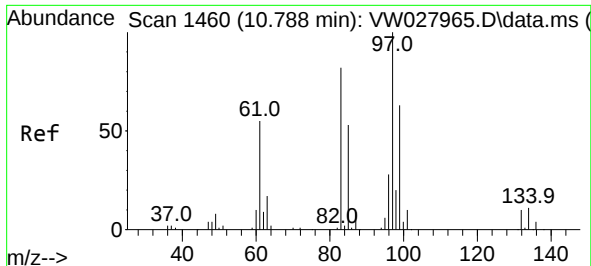
Tgt Ion: 75 Resp: 98713

Ion Ratio Lower Upper

75 100

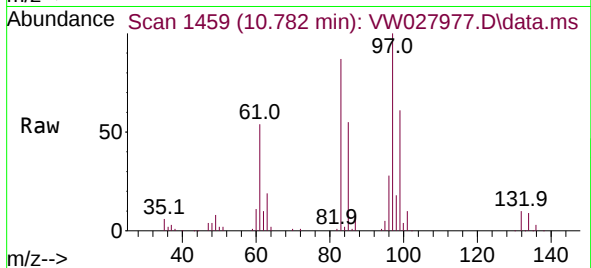
77 32.2 21.5 39.9



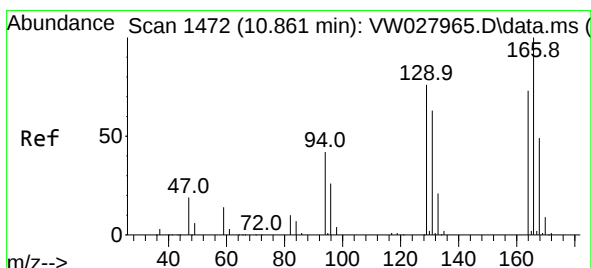
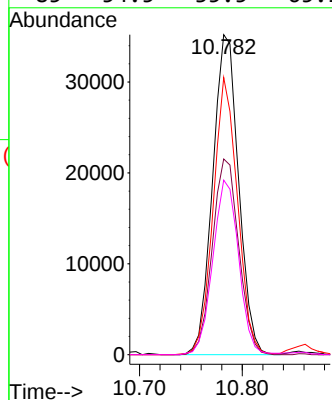
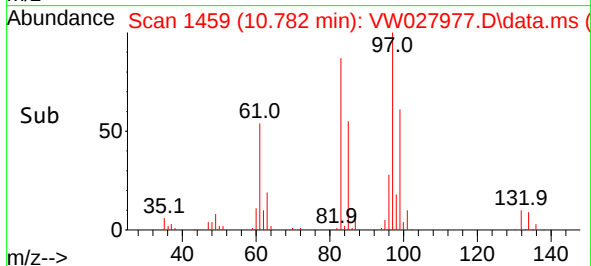


#45
1,1,2-Trichloroethane
Concen: 25.563 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

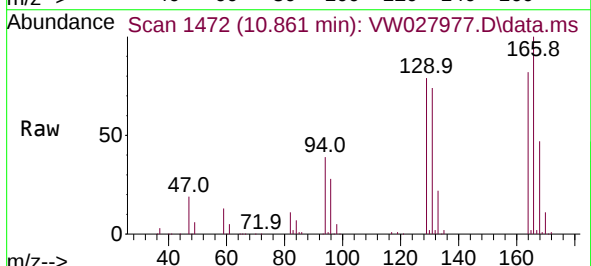
Instrument :
MSVOA_W
ClientSampleId :



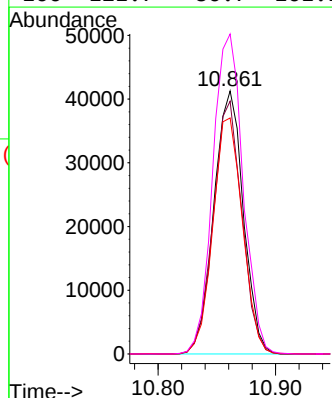
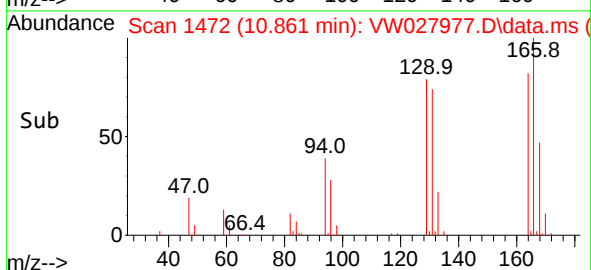
Tgt Ion:	97	Resp:	61745
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.5
83	86.6	57.2	106.2
85	54.5	35.5	65.9

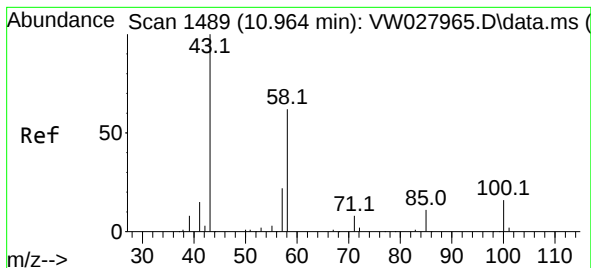


#46
Tetrachloroethene
Concen: 22.924 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08



Tgt Ion:	164	Resp:	71908
Ion	Ratio	Lower	Upper
164	100		
129	96.1	59.4	110.2
131	89.7	65.0	120.6
166	121.7	86.7	161.1





#48

2-Hexanone

Concen: 60.638 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

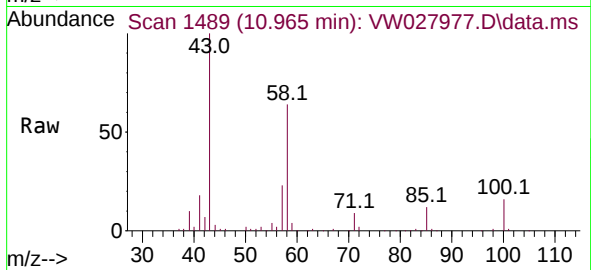
Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 52899

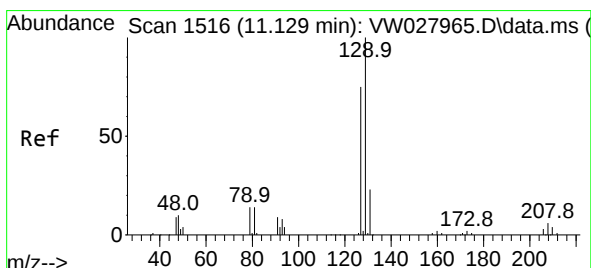
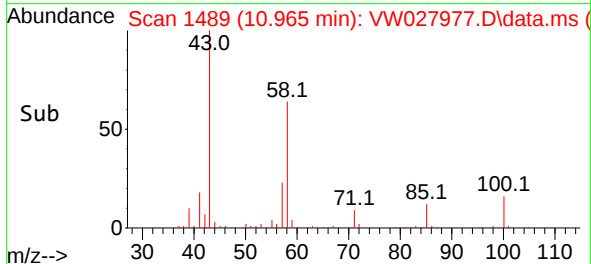
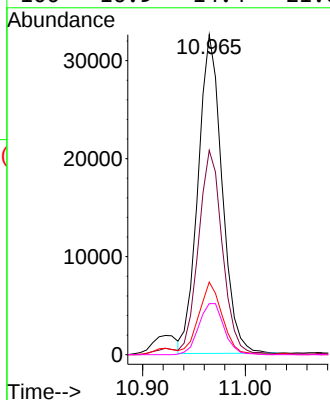
Ion Ratio Lower Upper

43 100

58 64.2 51.4 77.2

57 22.5 17.4 26.2

100 16.9 14.4 21.6



#49

Dibromochloromethane

Concen: 25.208 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027977.D

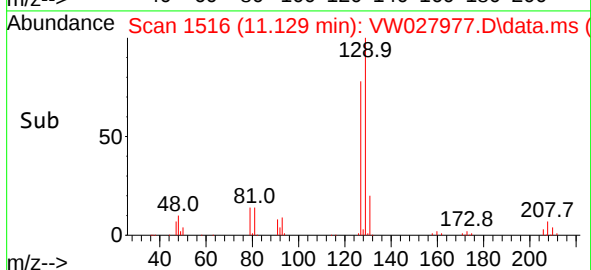
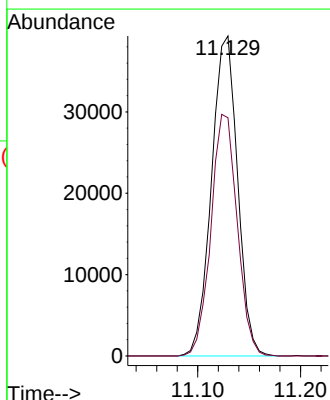
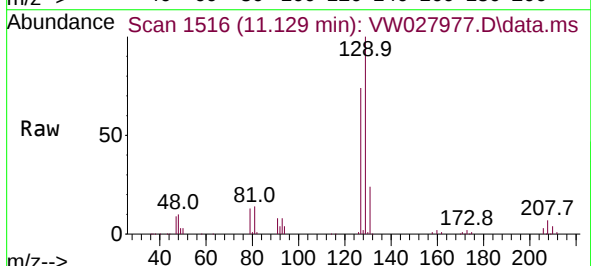
Acq: 09 Feb 2024 10:08

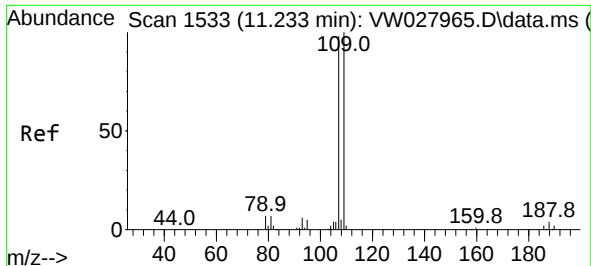
Tgt Ion:129 Resp: 69415

Ion Ratio Lower Upper

129 100

127 74.4 49.6 92.0





#50

1,2-Dibromoethane

Concen: 25.266 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

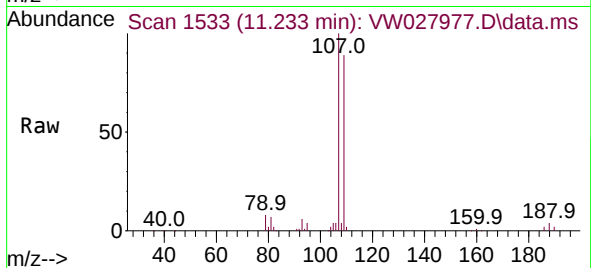
Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

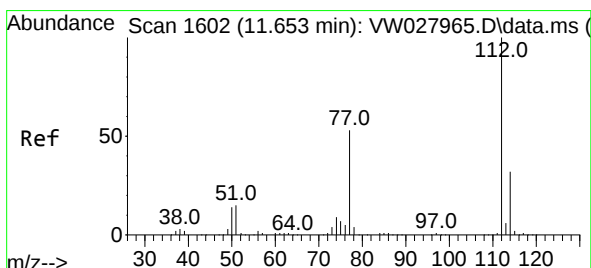
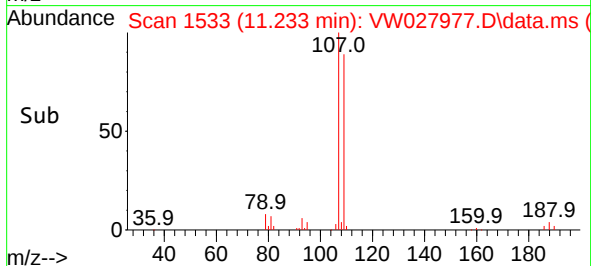
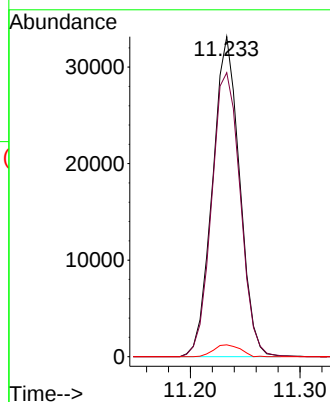
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	56963
Ion	Ratio	Lower	Upper
107	100		
109	88.7	71.2	132.2
188	3.7	3.1	4.7



#51

Chlorobenzene

Concen: 23.356 ug/L

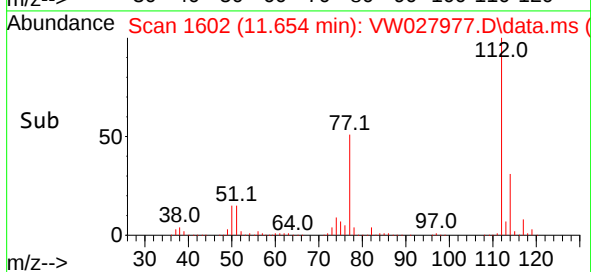
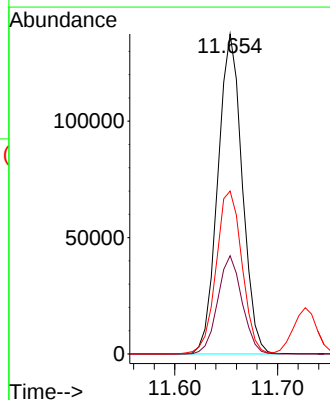
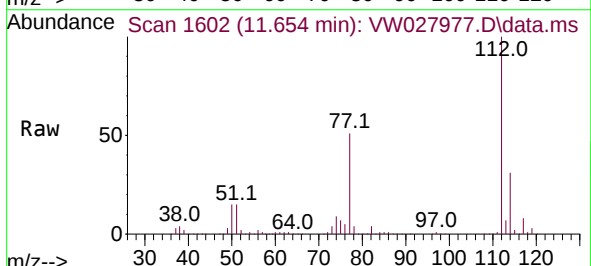
RT: 11.654 min Scan# 1602

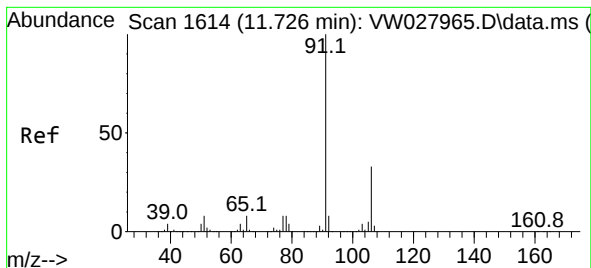
Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Tgt Ion:	112	Resp:	226182
Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.7	42.3
77	50.9	42.6	64.0

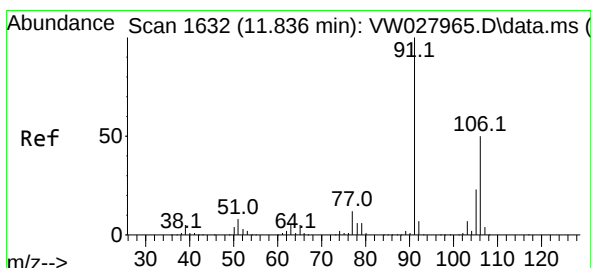
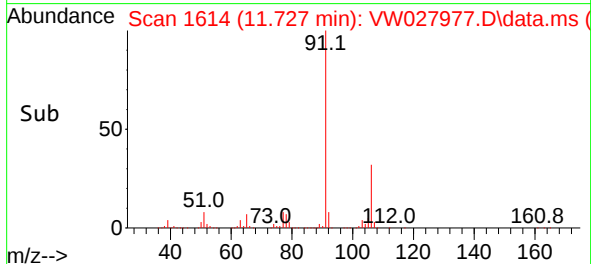
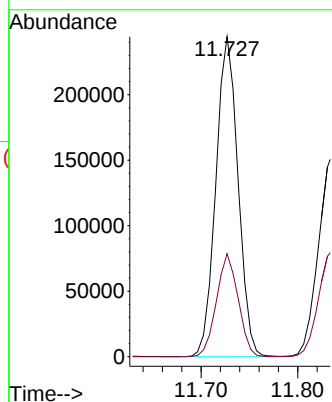
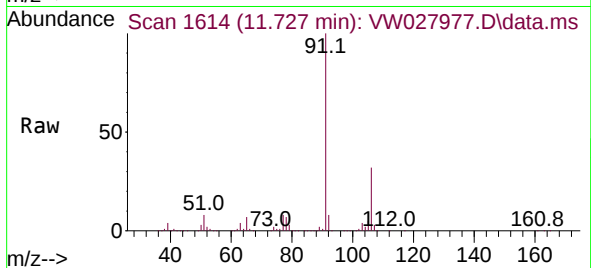




#52
Ethylbenzene
Concen: 23.685 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

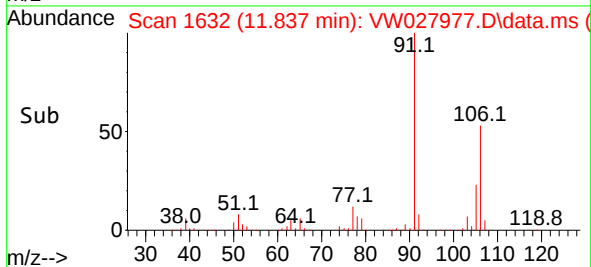
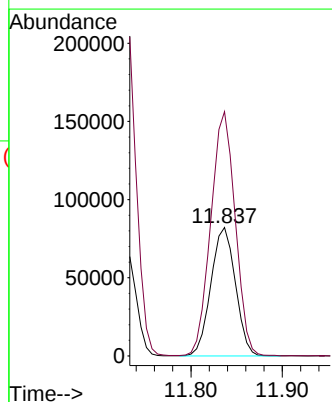
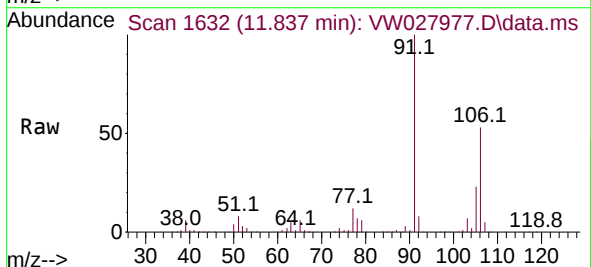
Instrument :
MSVOA_W
ClientSampleId :

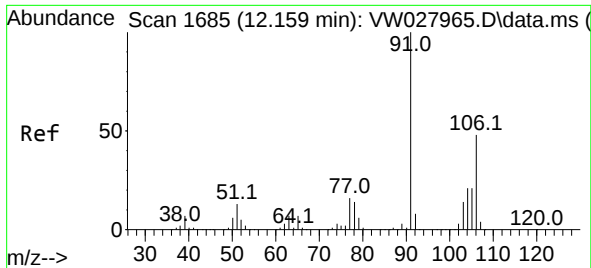
Tgt Ion: 91 Resp: 388816
Ion Ratio Lower Upper
91 100
106 32.2 22.8 42.4



#53
m,p-Xylene
Concen: 23.775 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion:106 Resp: 153061
Ion Ratio Lower Upper
106 100
91 190.2 130.0 241.4

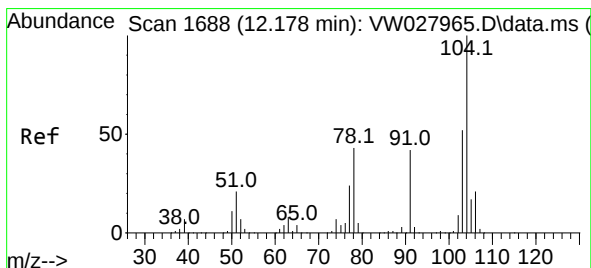
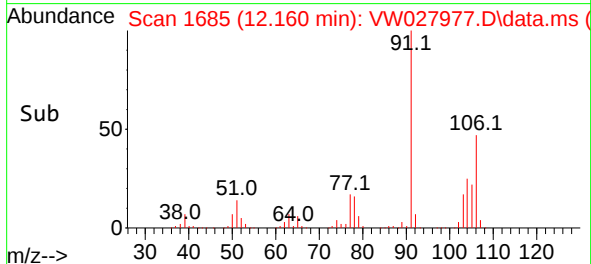
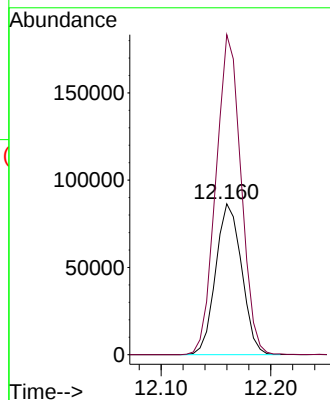
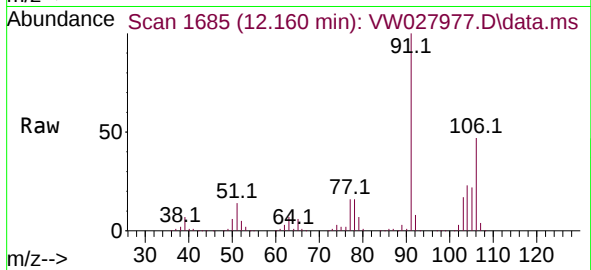




#54
o-Xylene
Concen: 23.608 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

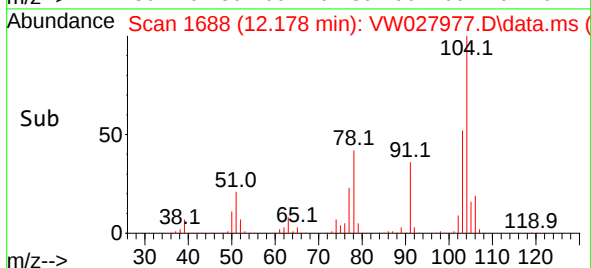
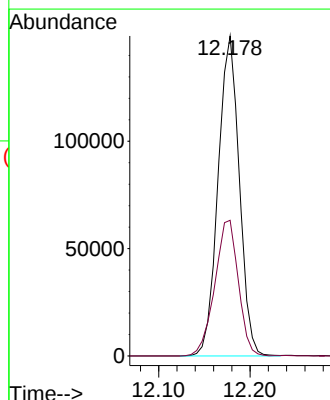
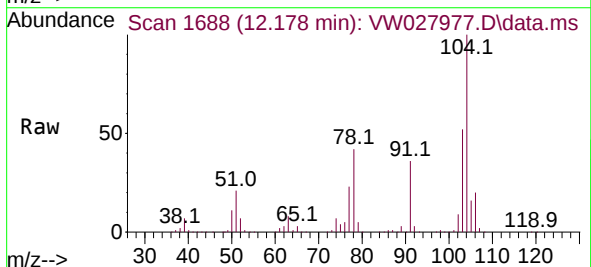
Instrument :
MSVOA_W
ClientSampleId :

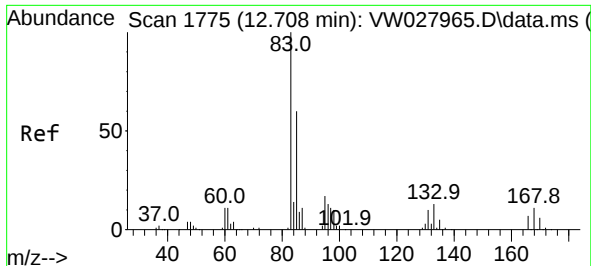
Tgt Ion:106 Resp: 142544
Ion Ratio Lower Upper
106 100
91 212.0 146.4 272.0



#55
Styrene
Concen: 23.944 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion:104 Resp: 240807
Ion Ratio Lower Upper
104 100
78 42.4 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.227 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW027977.D

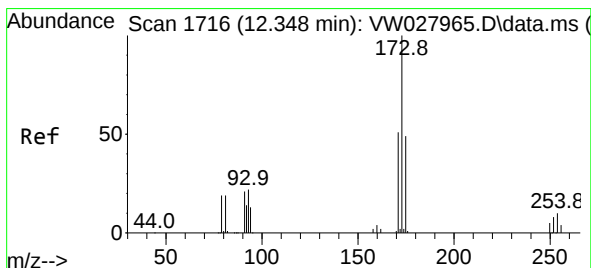
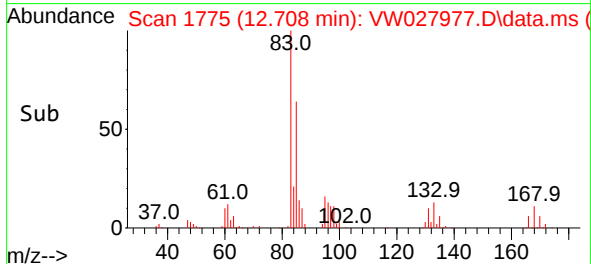
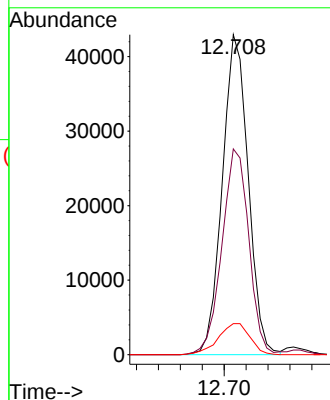
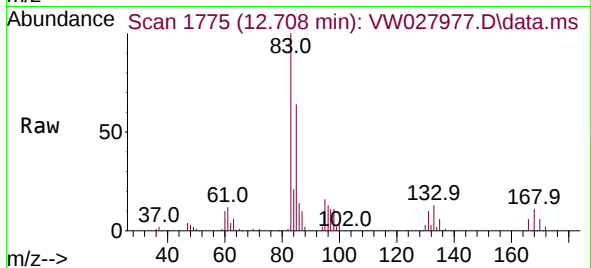
Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	70422
Ion Ratio	Lower	Upper	
83	100		
85	64.3	42.9	79.7
131	9.7	8.7	13.1



#59

Bromoform

Concen: 25.710 ug/L

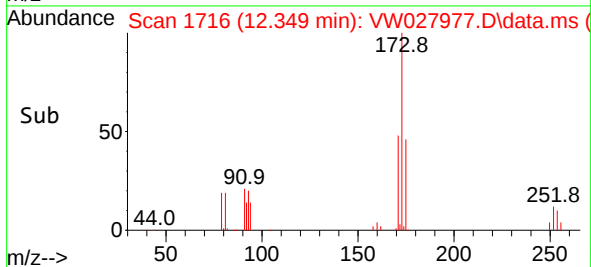
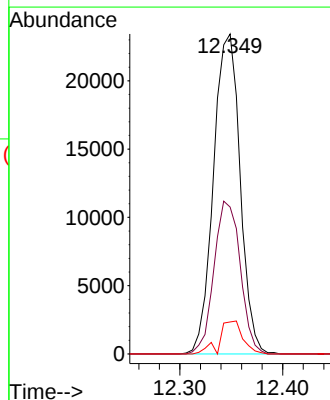
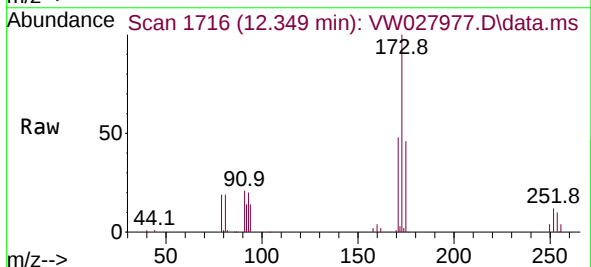
RT: 12.349 min Scan# 1716

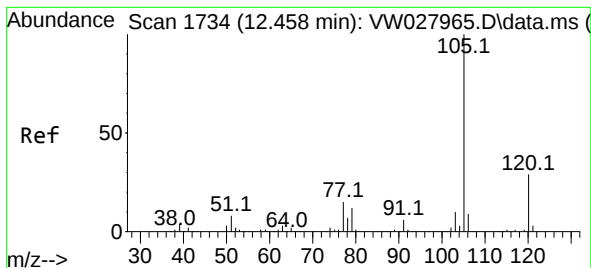
Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Tgt Ion:	173	Resp:	42122
Ion Ratio	Lower	Upper	
173	100		
175	47.1	37.8	56.8
254	7.8	8.4	12.6#





#60

Isopropylbenzene

Concen: 22.852 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

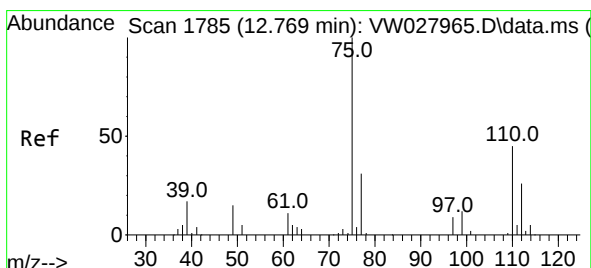
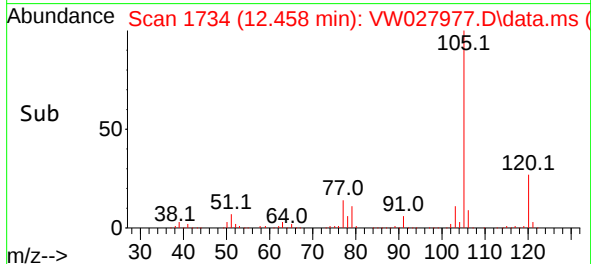
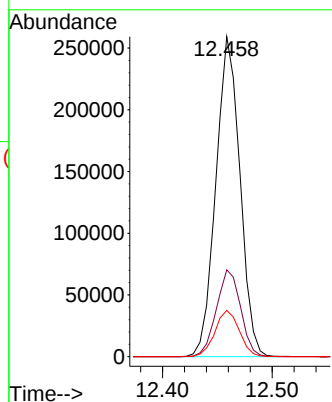
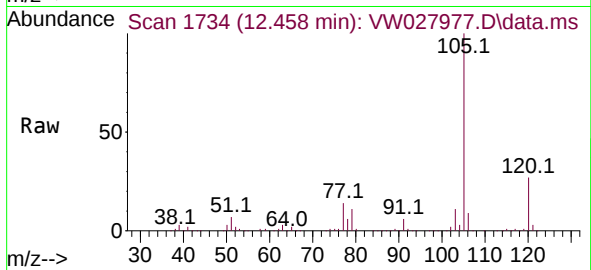
Tgt Ion:105 Resp: 396061

Ion Ratio Lower Upper

105 100

120 27.3 22.2 33.2

77 14.6 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 26.486 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

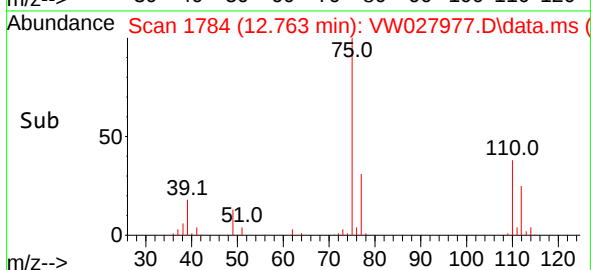
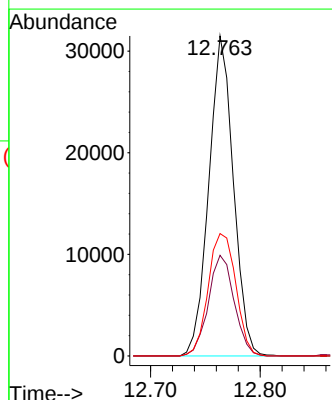
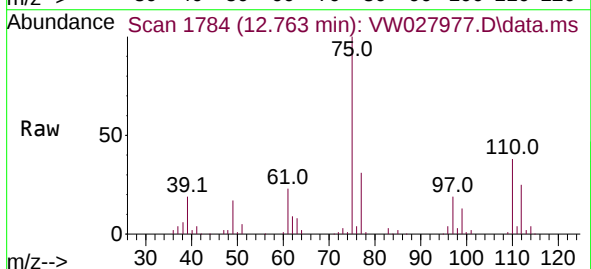
Tgt Ion: 75 Resp: 49065

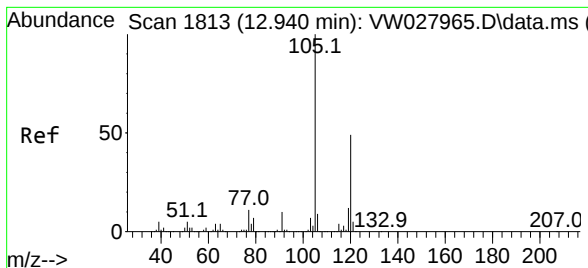
Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7

110 43.1 35.8 53.8





#62

1,3,5-Trimethylbenzene

Concen: 23.240 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

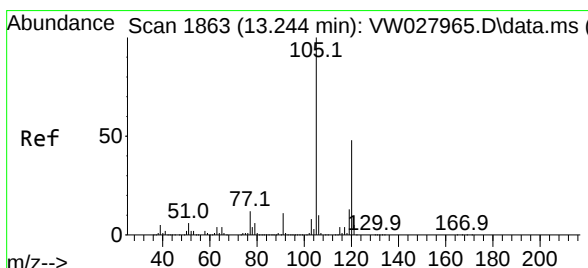
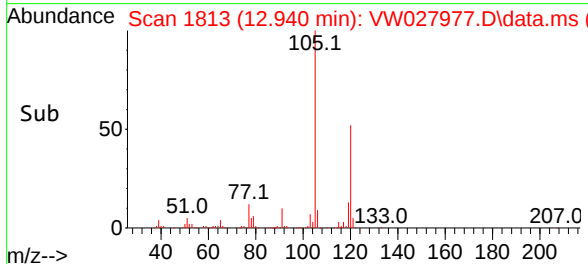
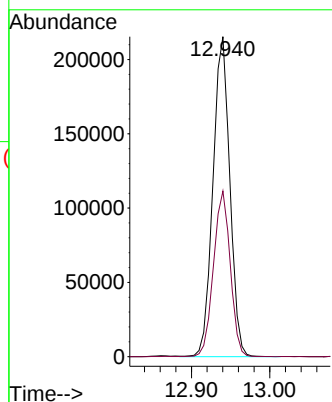
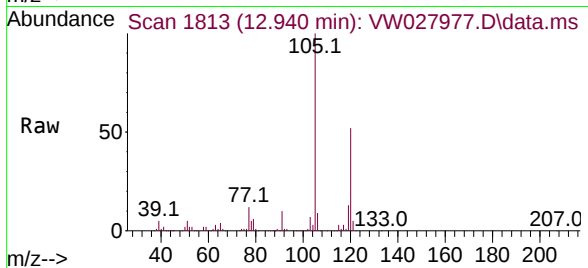
ClientSampleId :

Tgt Ion:105 Resp: 322323

Ion Ratio Lower Upper

105 100

120 51.4 40.3 60.5



#63

1,2,4-Trimethylbenzene

Concen: 24.031 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027977.D

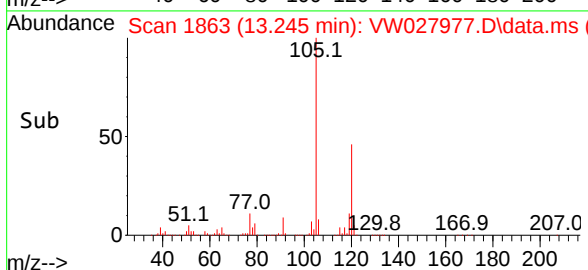
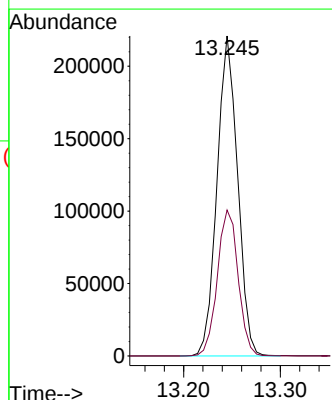
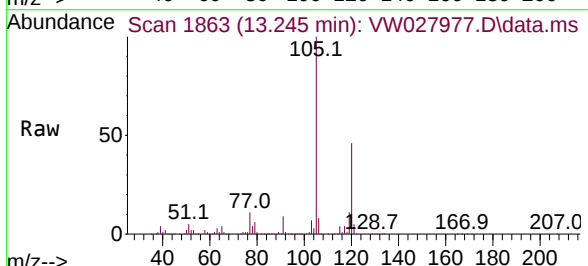
Acq: 09 Feb 2024 10:08

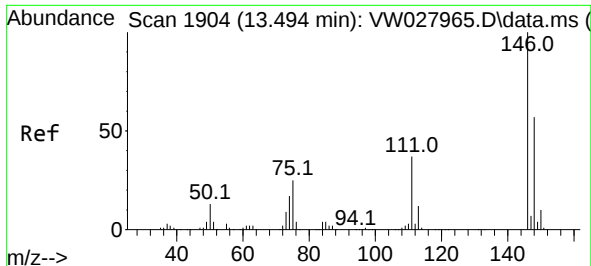
Tgt Ion:105 Resp: 326139

Ion Ratio Lower Upper

105 100

120 46.1 36.4 54.6

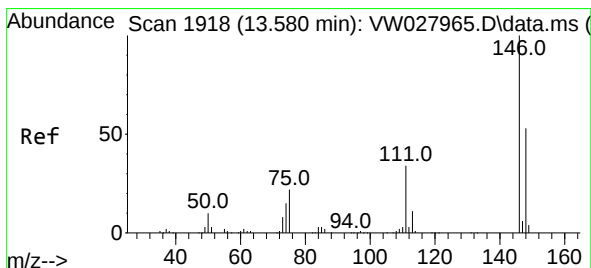
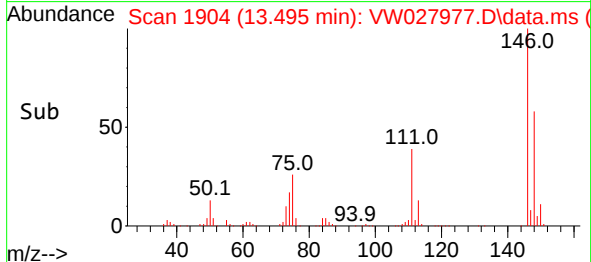
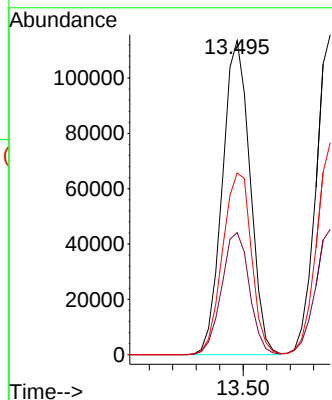
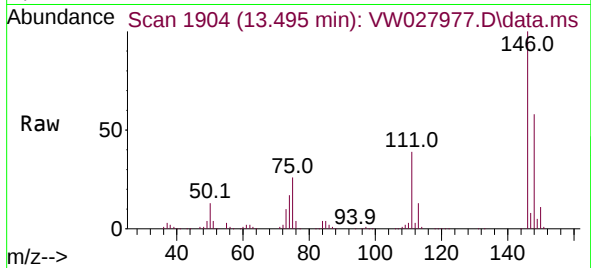




#64
1,3-Dichlorobenzene
Concen: 23.283 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

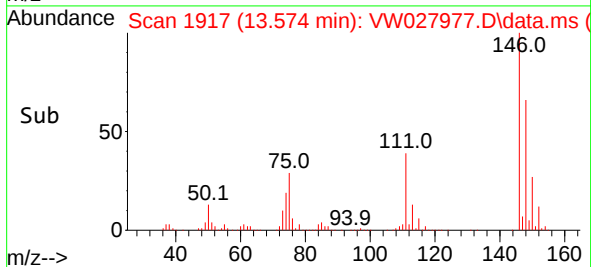
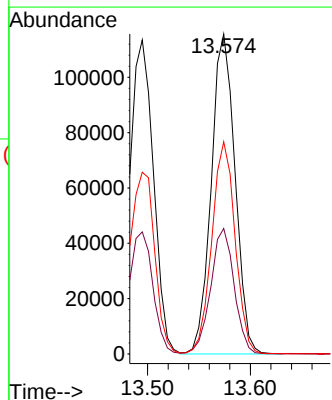
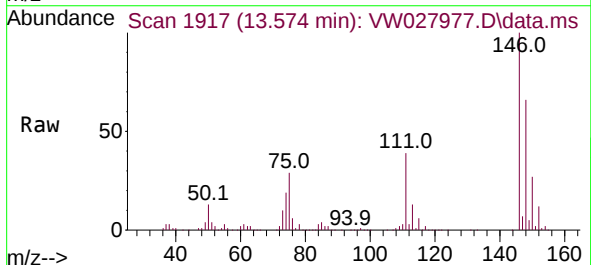
Instrument :
MSVOA_W
ClientSampleId :

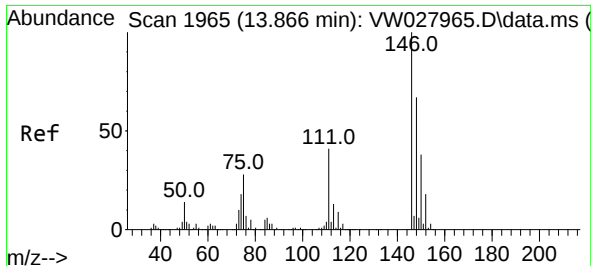
Tgt Ion:146 Resp: 185373
Ion Ratio Lower Upper
146 100
111 38.9 26.9 49.9
148 57.9 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 22.969 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027977.D
Acq: 09 Feb 2024 10:08

Tgt Ion:146 Resp: 185933
Ion Ratio Lower Upper
146 100
111 39.2 24.1 44.8
148 66.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 23.484 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

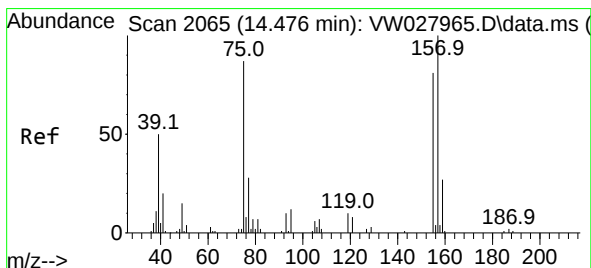
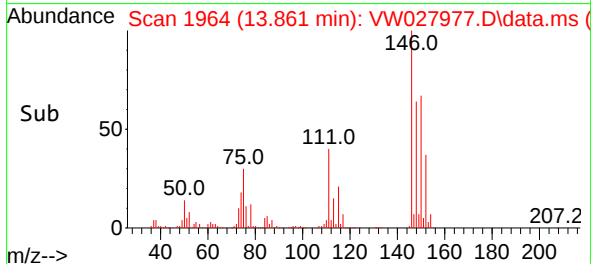
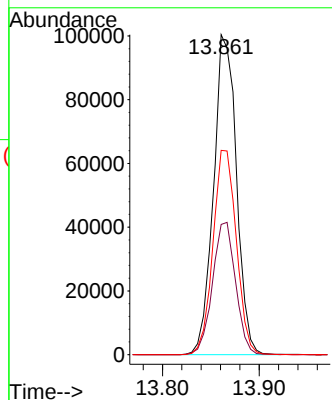
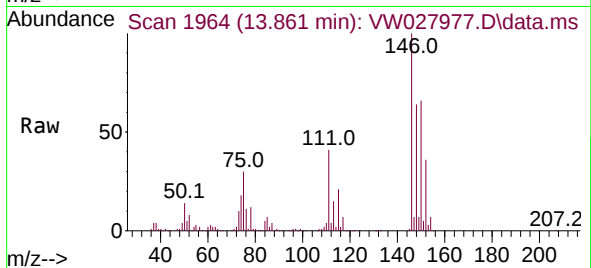
Tgt Ion:146 Resp: 165143

Ion Ratio Lower Upper

146 100

111 40.7 30.6 46.0

148 63.9 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 28.340 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

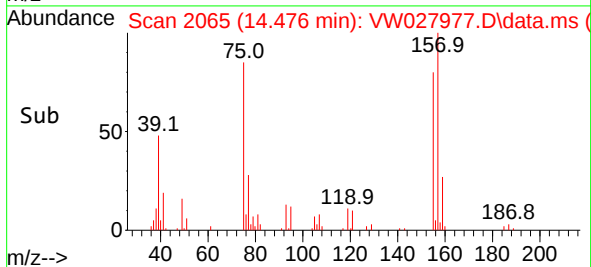
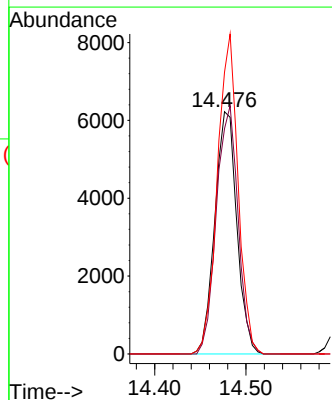
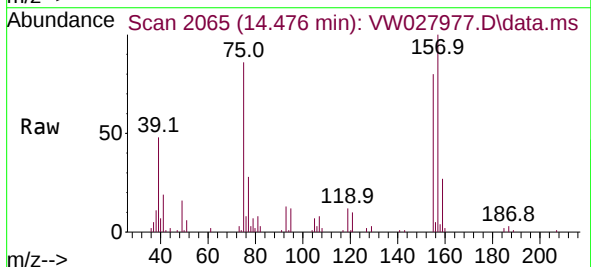
Tgt Ion: 75 Resp: 10423

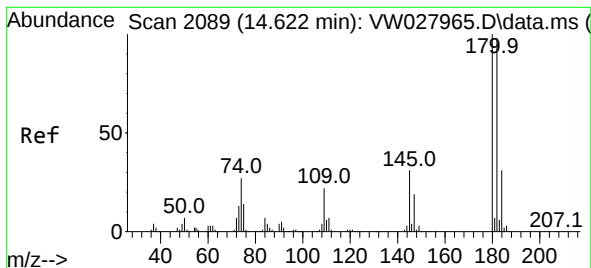
Ion Ratio Lower Upper

75 100

155 93.0 68.7 103.1

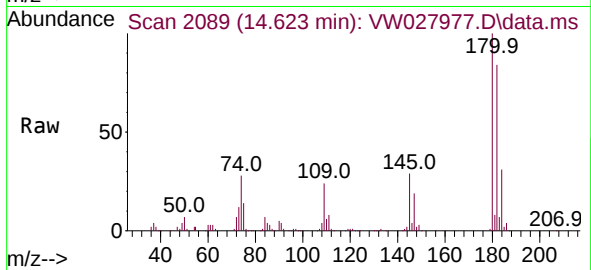
157 116.3 96.7 145.1



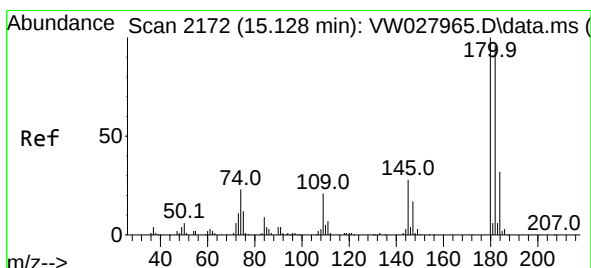
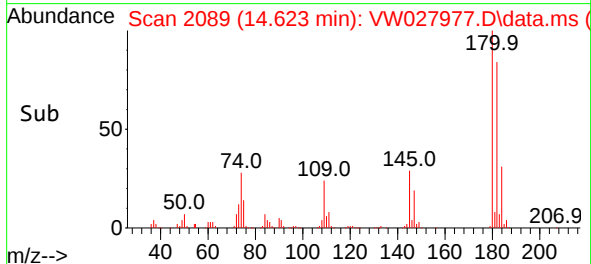
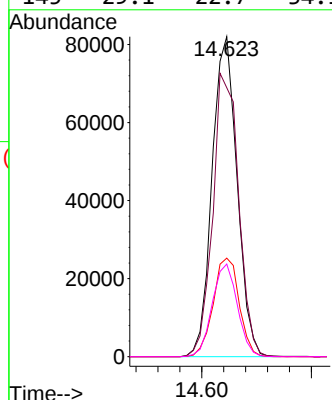


#69
 1,3,5-Trichlorobenzene
 Concen: 22.703 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

Instrument :
 MSVOA_W
 ClientSampleId :

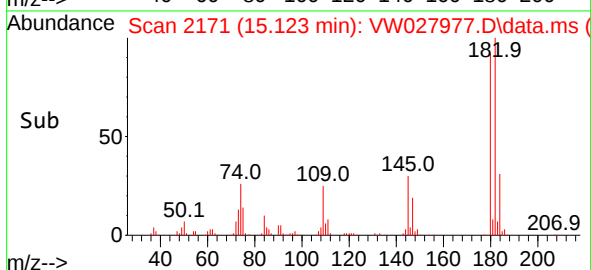
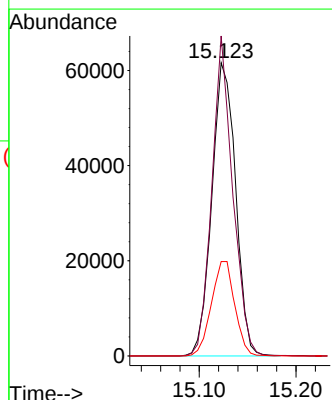
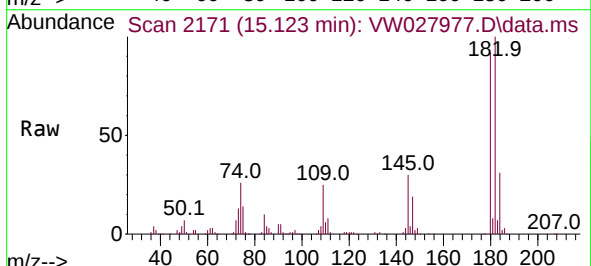


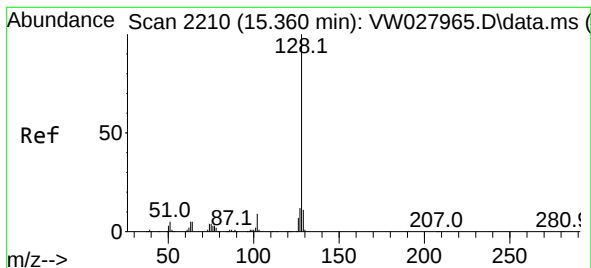
Tgt Ion:180 Resp: 129795
 Ion Ratio Lower Upper
 180 100
 182 91.6 72.1 108.1
 184 32.0 24.4 36.6
 145 29.1 22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 22.755 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027977.D
 Acq: 09 Feb 2024 10:08

Tgt Ion:180 Resp: 105051
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.0 115.6
 145 31.7 23.4 35.0





#71

Naphthalene

Concen: 28.304 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

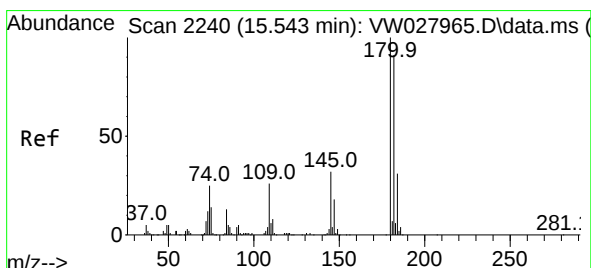
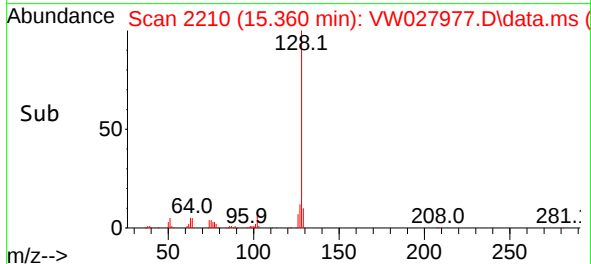
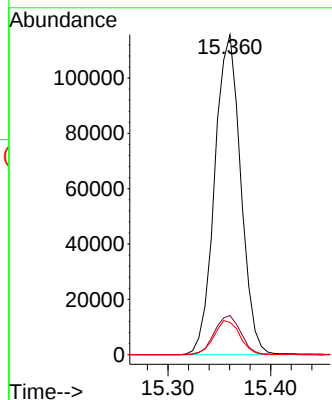
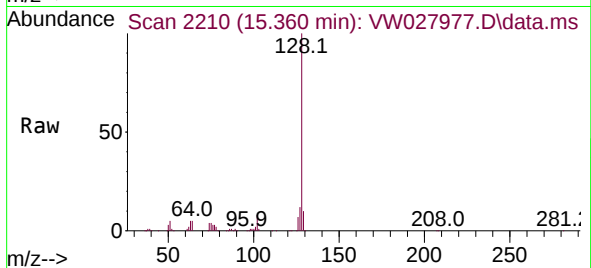
Tgt Ion:128 Resp: 203054

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.6 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 24.813 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.007 min

Lab File: VW027977.D

Acq: 09 Feb 2024 10:08

Tgt Ion:180 Resp: 95573

Ion Ratio Lower Upper

180 100

182 96.7 76.5 114.7

145 32.1 25.8 38.8

