

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021924\
 Data File : VW028039.D
 Acq On : 19 Feb 2024 09:14
 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 20 00:21:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	279225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246576	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129650	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	67880	20.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
7) Chloroethane-d5	2.905	69	60587	24.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.720%
11) 1,1-Dichloroethene-d2	4.021	65	31386	22.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.720%
21) 2-Butanone-d5	7.075	46	29497	58.048	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
24) Chloroform-d	7.648	84	162246	24.850	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.307	65	75355	25.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.240%
32) Benzene-d6	8.276	84	321278	24.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.270	67	87998	24.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	10.319	98	307632	24.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.575	79	37749	25.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.640%
47) 2-Hexanone-d5	10.922	63	28571	58.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73794	27.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	112048	25.427	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	57057	23.729	ug/L	94
3) Chloromethane	2.223	50	52715	19.963	ug/L	98
5) Vinyl chloride	2.375	62	79965	22.342	ug/L	100
6) Bromomethane	2.796	94	58281	23.045	ug/L	95
8) Chloroethane	2.942	64	50300	24.873	ug/L	93
9) Trichlorofluoromethane	3.271	101	76826	23.618	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	76549	23.347	ug/L	99
12) 1,1-Dichloroethene	4.051	96	73292	24.030	ug/L #	81
13) Acetone	4.131	43	29795	60.300	ug/L	97
14) Carbon disulfide	4.393	76	193866	21.470	ug/L	98
15) Methyl Acetate	4.673	43	22095	26.860	ug/L	100
16) Methylene chloride	4.923	84	78913	22.611	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	78641	23.998	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	106665	27.457	ug/L	100
19) 1,1-Dichloroethane	6.222	63	132066	24.808	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	86314	24.944	ug/L	97
22) 2-Butanone	7.173	43	32410	56.822	ug/L	95
23) Bromochloromethane	7.514	128	40055	26.059	ug/L	83
25) Chloroform	7.679	83	148399	25.931	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021924\
 Data File : VW028039.D
 Acq On : 19 Feb 2024 09:14
 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 20 00:21:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

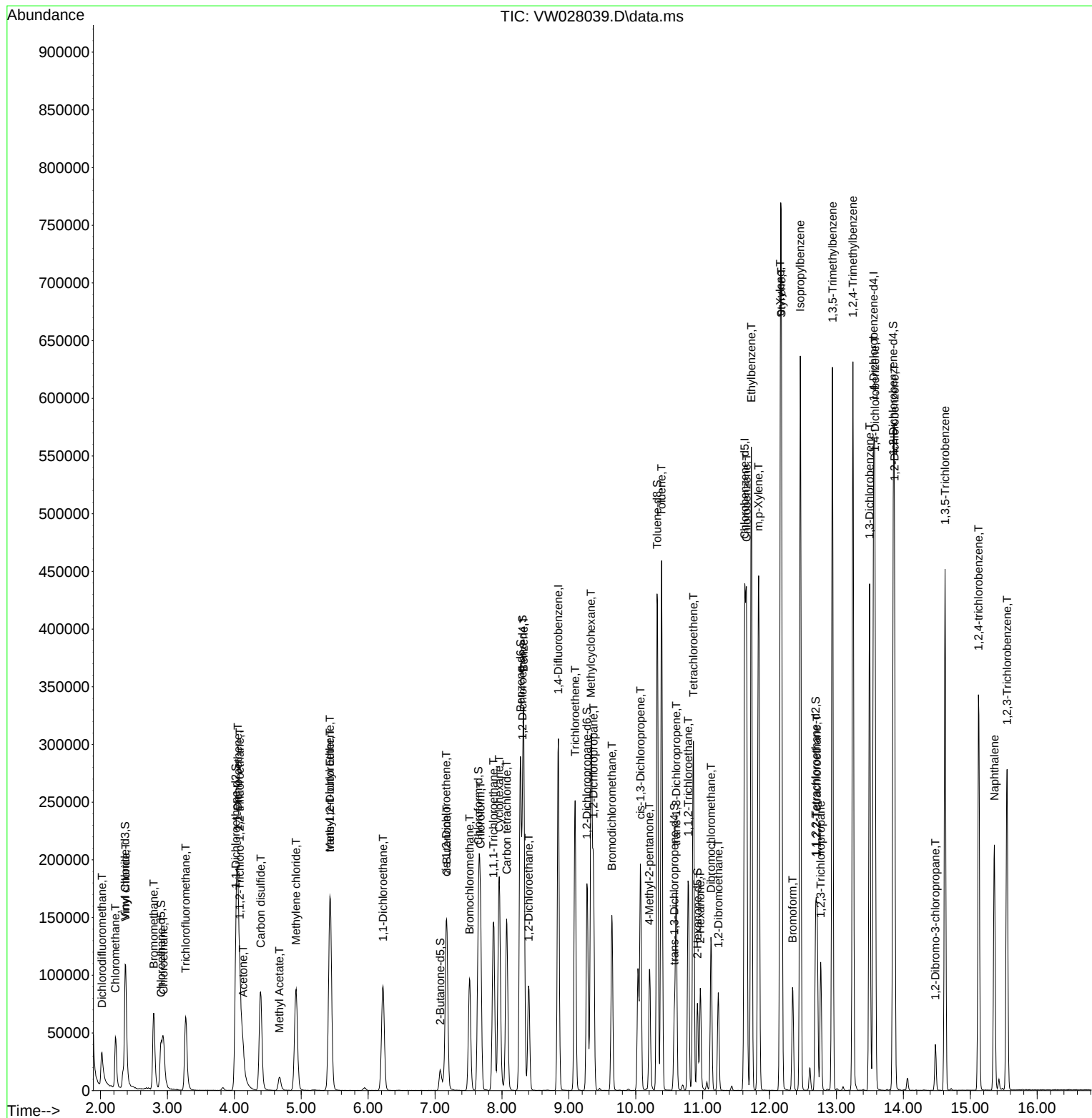
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86385	27.106	ug/L	99
29) Cyclohexane	7.959	56	104811	23.848	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	126183	26.509	ug/L	99
31) Carbon tetrachloride	8.069	117	117883	26.770	ug/L	98
33) Benzene	8.325	78	307120	24.937	ug/L	100
34) Trichloroethene	9.093	95	85678	24.234	ug/L	91
35) Methylcyclohexane	9.331	83	141210	24.272	ug/L	97
37) 1,2-Dichloropropane	9.368	63	74007	25.573	ug/L	99
38) Bromodichloromethane	9.642	83	105996	27.439	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	122875	26.490	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	63189	57.849	ug/L	99
42) Toluene	10.386	91	353466	25.598	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	102403	27.814	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	61376	26.794	ug/L	97
46) Tetrachloroethene	10.861	164	73189	24.603	ug/L	95
48) 2-Hexanone	10.965	43	49838	60.239	ug/L	98
49) Dibromochloromethane	11.123	129	73055	27.974	ug/L	88
50) 1,2-Dibromoethane	11.233	107	56956	26.638	ug/L	94
51) Chlorobenzene	11.654	112	231685	25.227	ug/L	97
52) Ethylbenzene	11.727	91	403207	25.899	ug/L	99
53) m,p-Xylene	11.837	106	157429	25.784	ug/L	95
54) o-Xylene	12.160	106	152629	26.654	ug/L	98
55) Styrene	12.178	104	255418	26.779	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	69103	28.171	ug/L	99
59) Bromoform	12.343	173	42568	27.817	ug/L	98
60) Isopropylbenzene	12.459	105	424827	26.243	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	47451	27.424	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	350538	27.060	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	342773	27.040	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190547	25.623	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	192534	25.464	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	173501	26.415	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10045	29.241	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	139150	26.058	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	119342	27.676	ug/L	93
71) Naphthalene	15.360	128	189673	28.306	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102222	28.413	ug/L	98

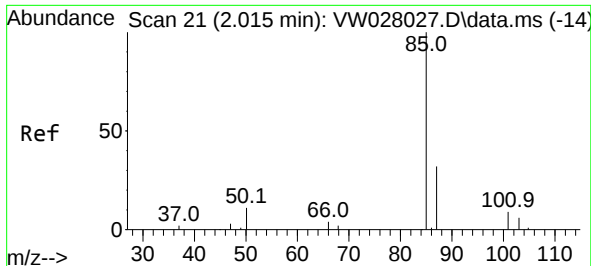
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021924\
 Data File : VW028039.D
 Acq On : 19 Feb 2024 09:14
 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 20 00:21:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

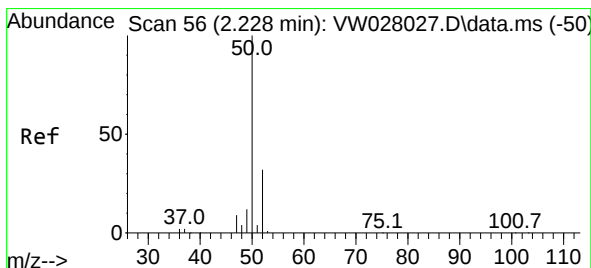
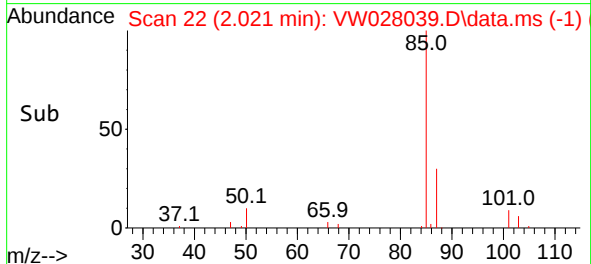
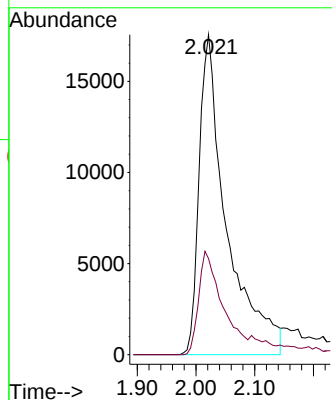
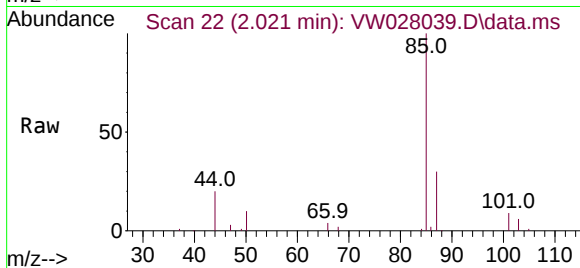




#2
Dichlorodifluoromethane
Concen: 23.729 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

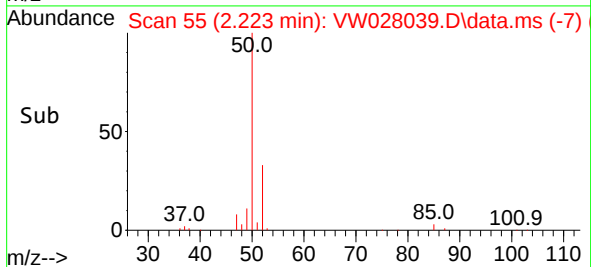
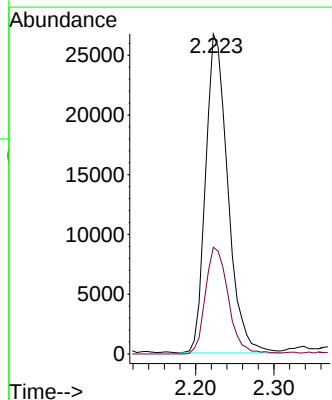
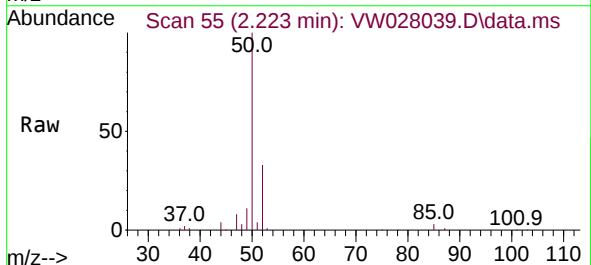
Instrument :
MSVOA_W
ClientSampleId :

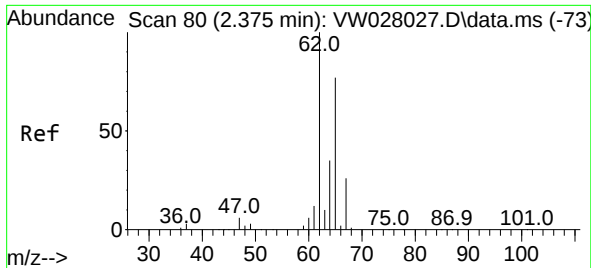
Tgt Ion: 85 Resp: 57057
Ion Ratio Lower Upper
85 100
87 28.3 25.3 37.9



#3
Chloromethane
Concen: 19.963 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 50 Resp: 52715
Ion Ratio Lower Upper
50 100
52 33.4 24.3 45.1

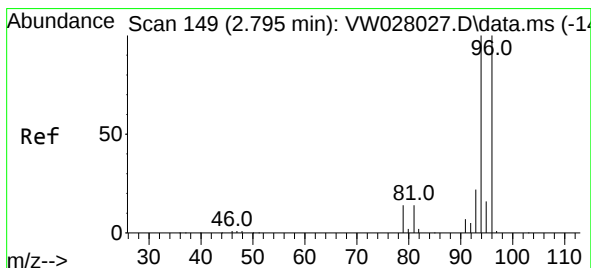
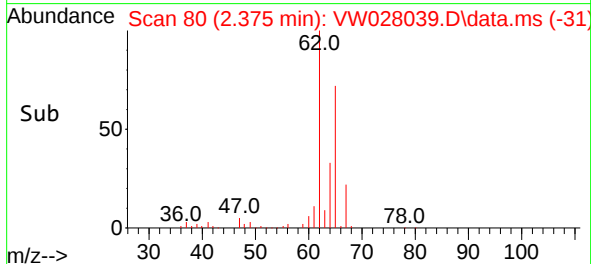
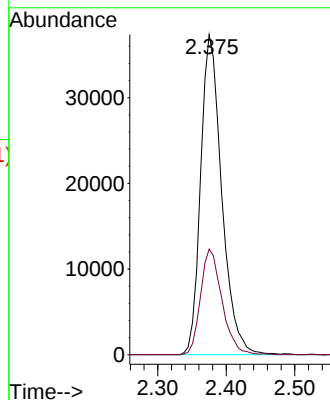
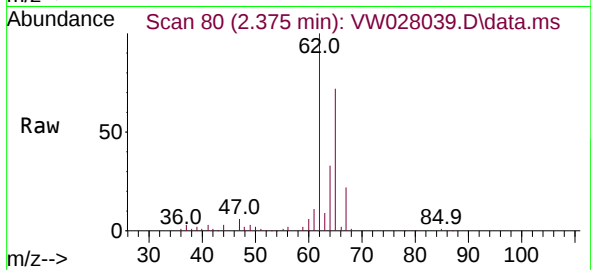




#5
 Vinyl chloride
 Concen: 22.342 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028039.D
 Acq: 19 Feb 2024 09:14

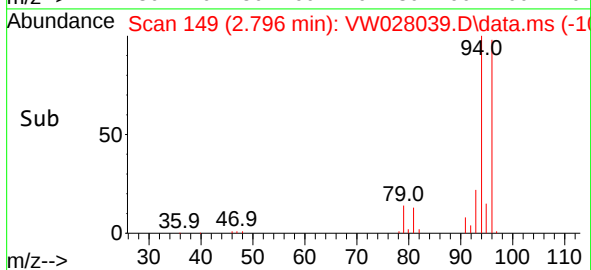
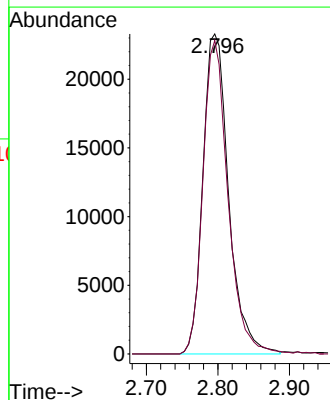
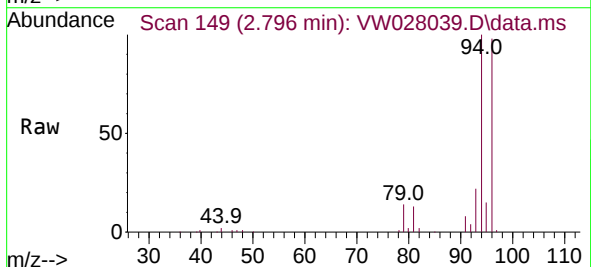
Instrument :
 MSVOA_W
 ClientSampleId :

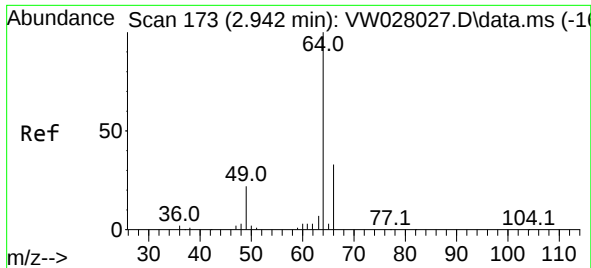
Tgt Ion: 62 Resp: 79965
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 23.045 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW028039.D
 Acq: 19 Feb 2024 09:14

Tgt Ion: 94 Resp: 58281
 Ion Ratio Lower Upper
 94 100
 96 97.9 65.3 121.3

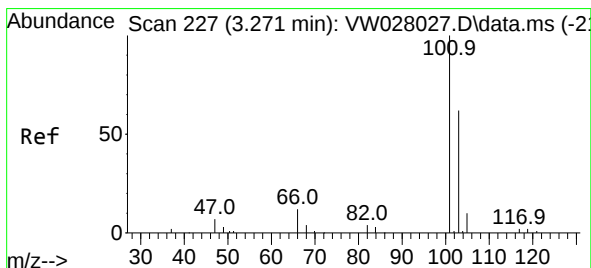
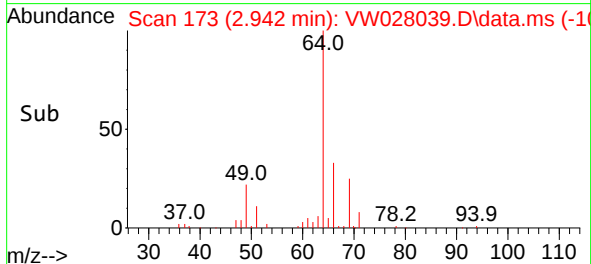
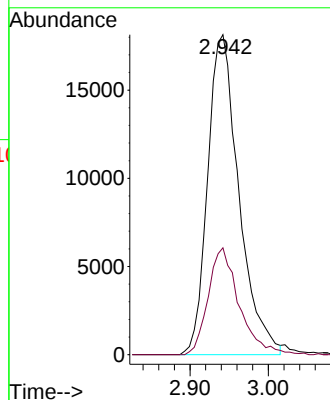
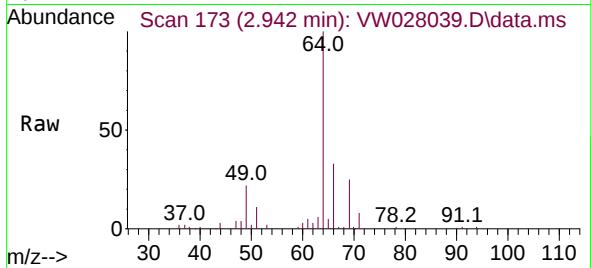




#8
Chloroethane
Concen: 24.873 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

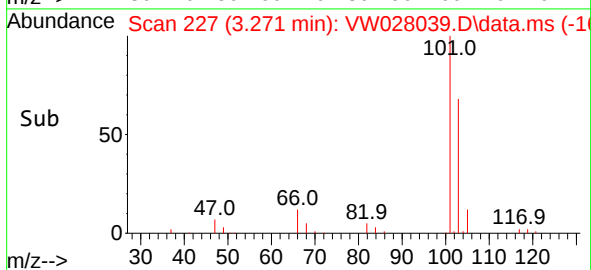
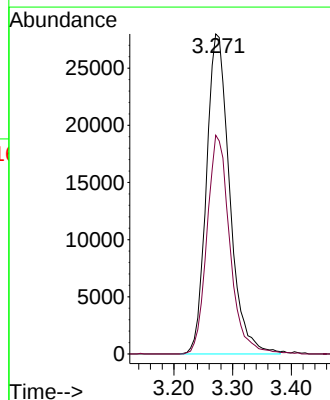
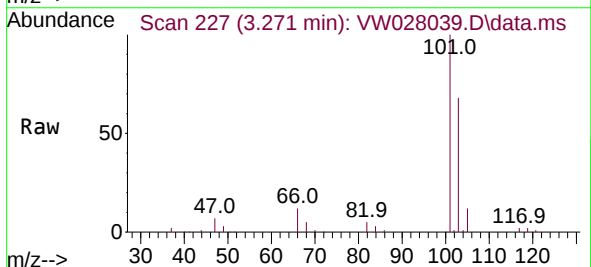
Instrument :
MSVOA_W
ClientSampleId :

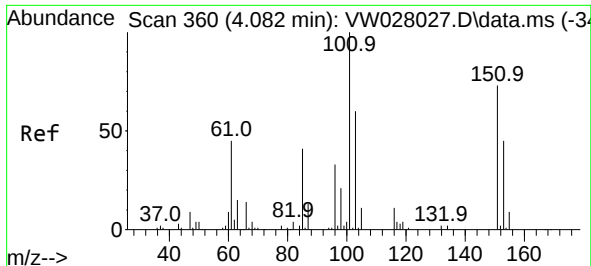
Tgt Ion: 64 Resp: 50300
Ion Ratio Lower Upper
64 100
66 33.4 20.9 38.7



#9
Trichlorofluoromethane
Concen: 23.618 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion:101 Resp: 76826
Ion Ratio Lower Upper
101 100
103 67.4 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.347 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

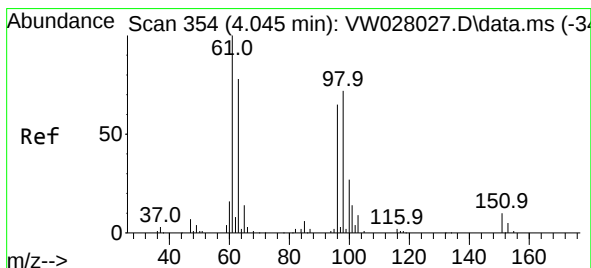
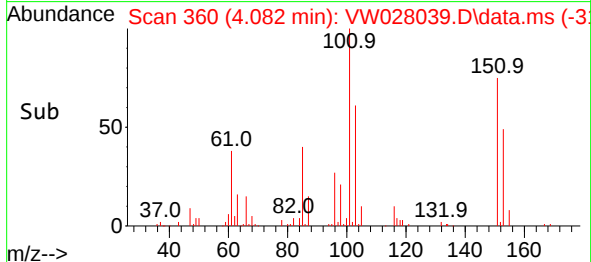
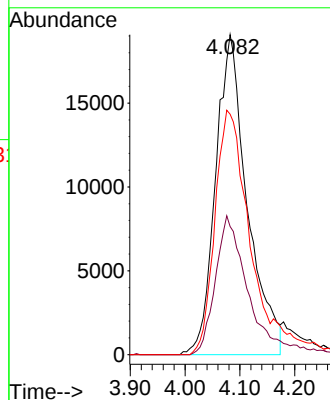
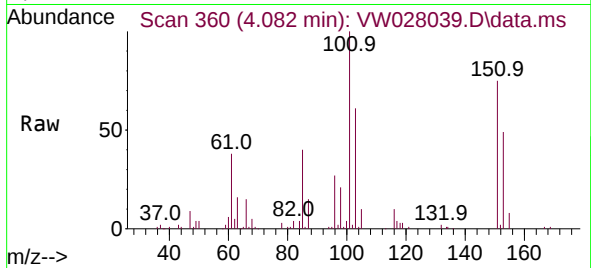
Tgt Ion:101 Resp: 76549

Ion Ratio Lower Upper

101 100

85 43.4 33.8 50.6

151 78.5 62.6 93.8



#12

1,1-Dichloroethene

Concen: 24.030 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

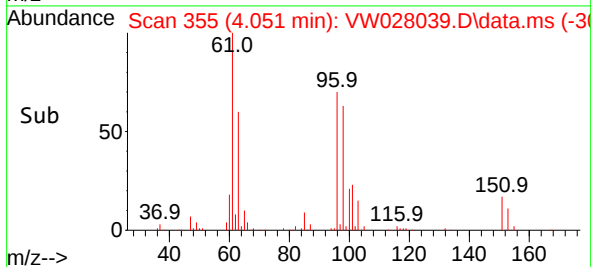
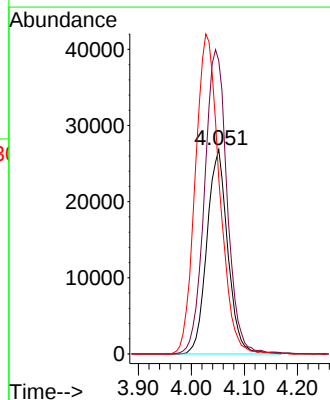
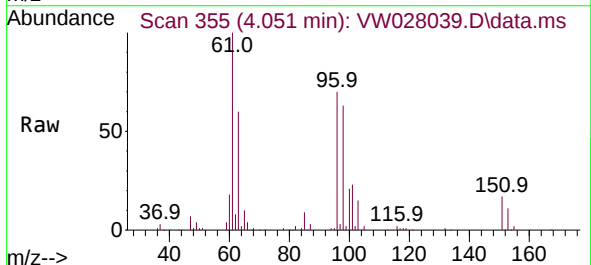
Tgt Ion: 96 Resp: 73292

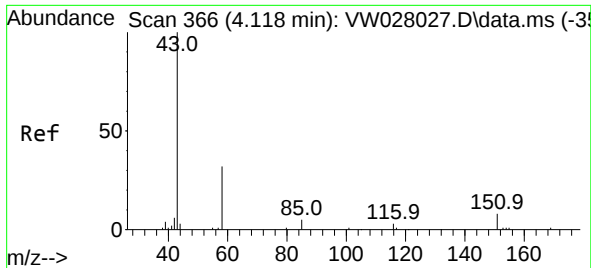
Ion Ratio Lower Upper

96 100

61 143.4 107.4 199.4

63 85.6 86.0 159.6#





#13

Acetone

Concen: 60.300 ug/L

RT: 4.131 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

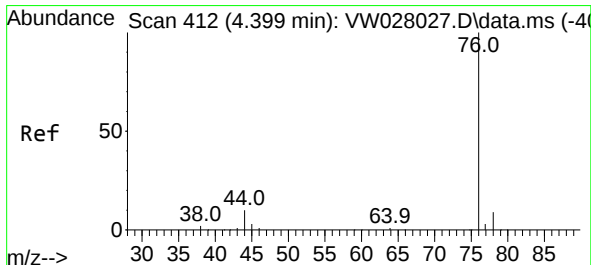
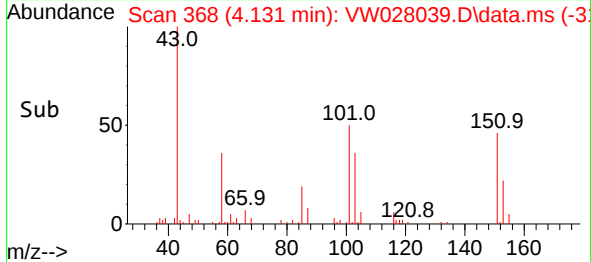
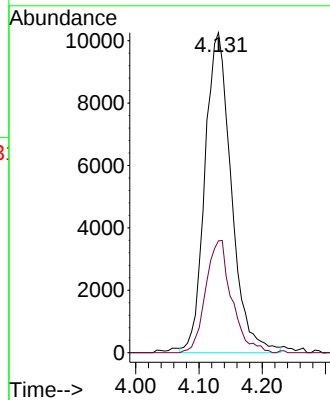
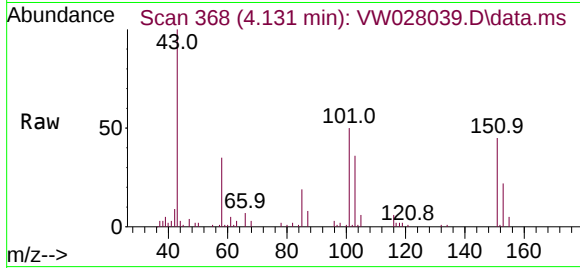
ClientSampleId :

Tgt Ion: 43 Resp: 29795

Ion Ratio Lower Upper

43 100

58 34.5 0.0 66.0



#14

Carbon disulfide

Concen: 21.470 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.006 min

Lab File: VW028039.D

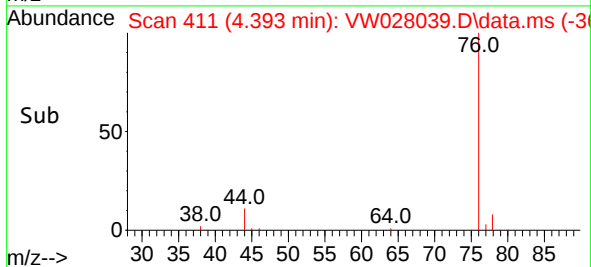
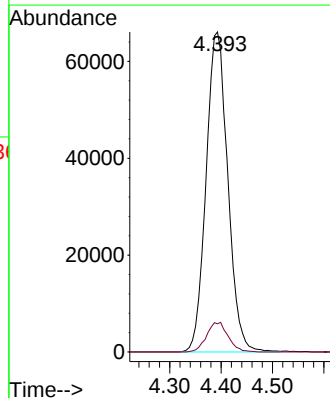
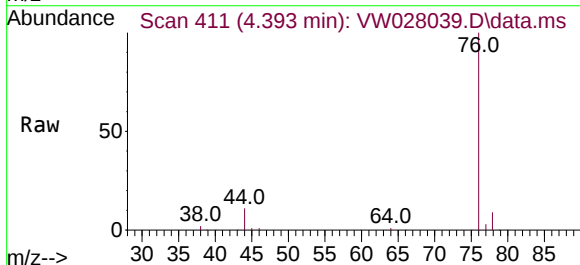
Acq: 19 Feb 2024 09:14

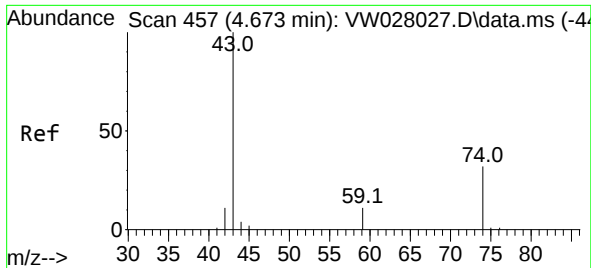
Tgt Ion: 76 Resp: 193866

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

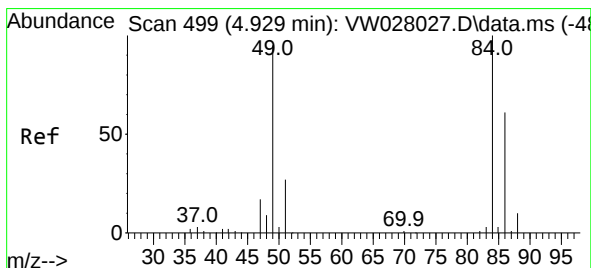
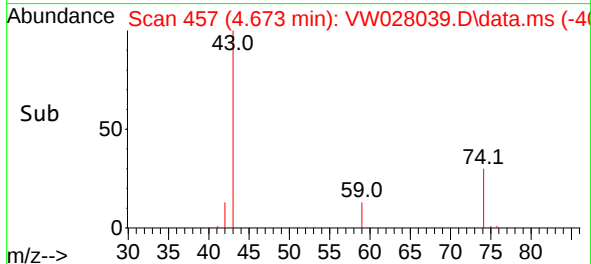
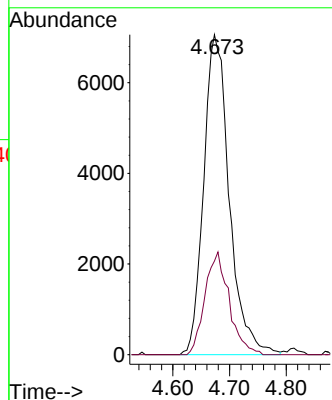
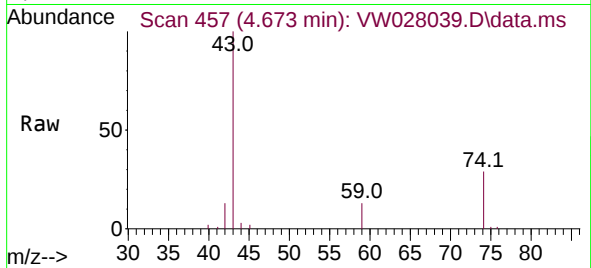




#15
Methyl Acetate
Concen: 26.860 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

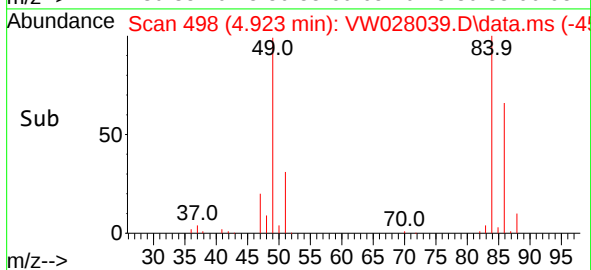
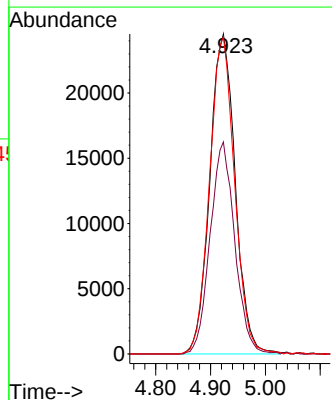
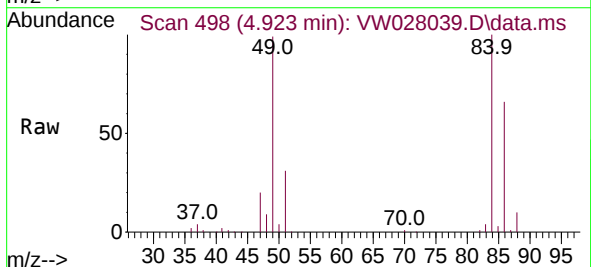
Instrument :
MSVOA_W
ClientSampleId :

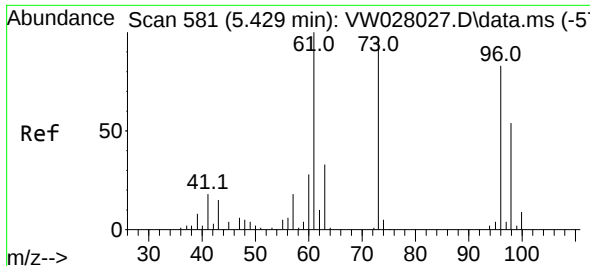
Tgt Ion: 43 Resp: 22095
Ion Ratio Lower Upper
43 100
74 30.4 24.2 36.2



#16
Methylene chloride
Concen: 22.611 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 84 Resp: 78913
Ion Ratio Lower Upper
84 100
86 66.2 45.4 84.4
49 99.1 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 23.998 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

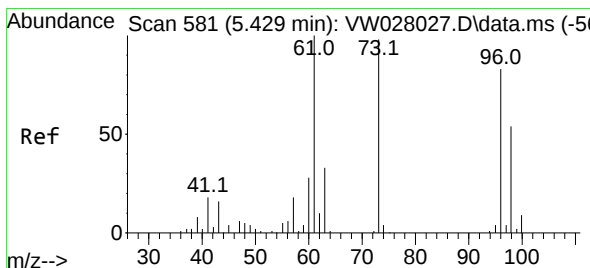
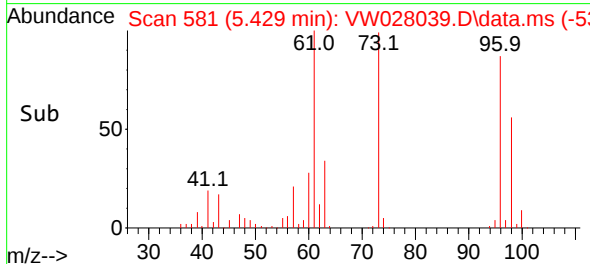
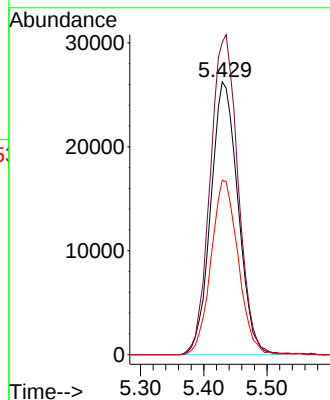
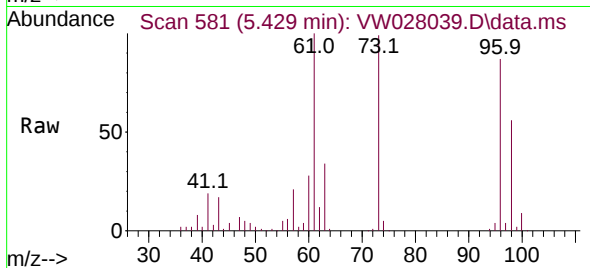
Tgt Ion: 96 Resp: 78641

Ion Ratio Lower Upper

96 100

61 114.5 80.1 148.7

98 64.0 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 27.457 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

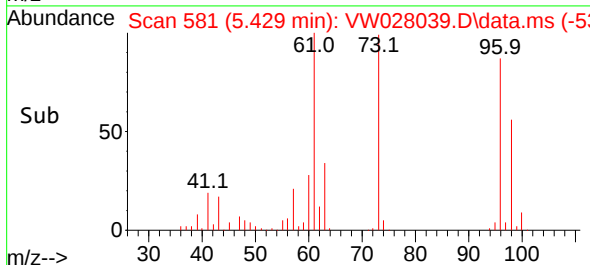
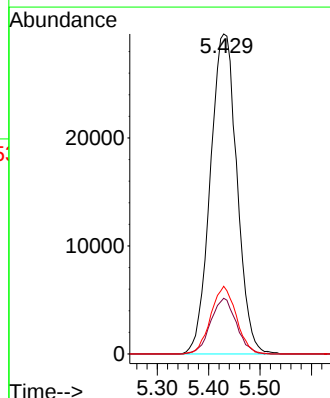
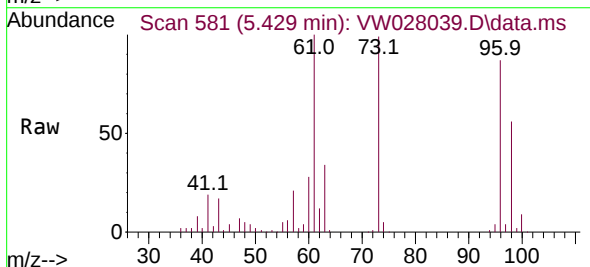
Tgt Ion: 73 Resp: 106665

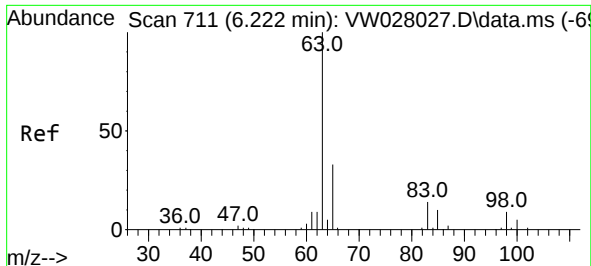
Ion Ratio Lower Upper

73 100

43 16.8 13.4 20.0

57 20.3 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.808 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

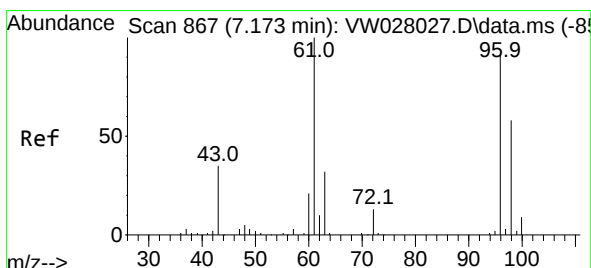
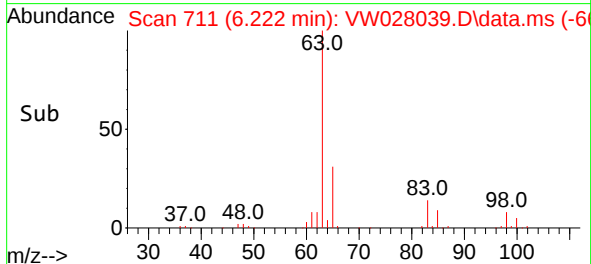
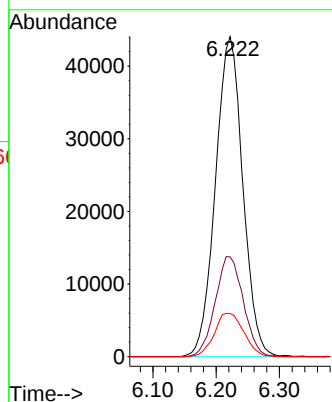
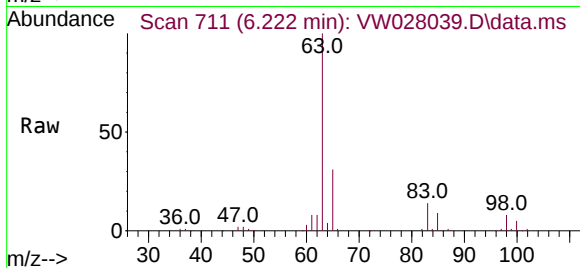
Tgt Ion: 63 Resp: 132066

Ion Ratio Lower Upper

63 100

65 31.2 23.1 42.9

83 13.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 24.944 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

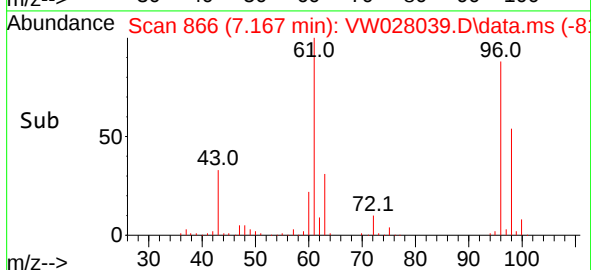
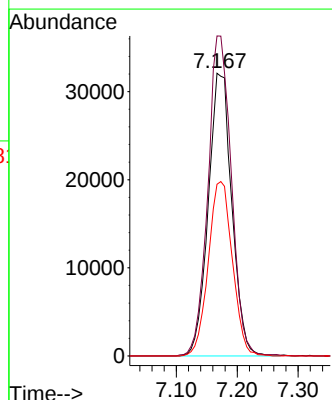
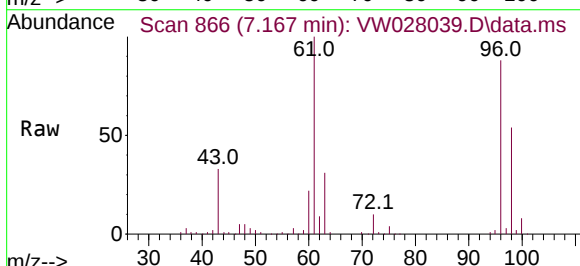
Tgt Ion: 96 Resp: 86314

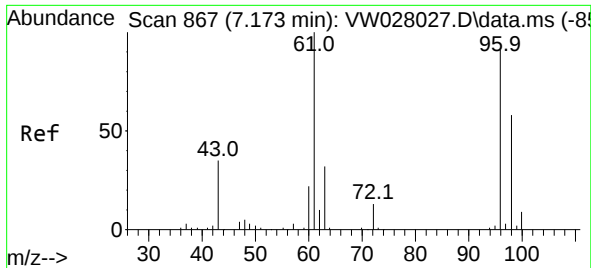
Ion Ratio Lower Upper

96 100

61 113.2 76.3 141.7

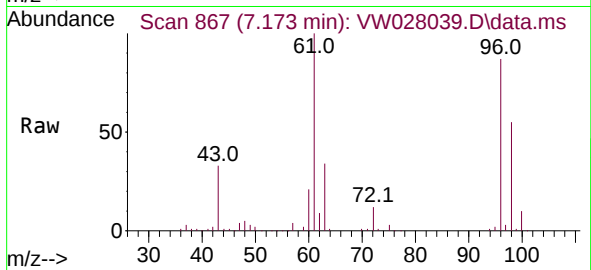
98 60.7 42.9 79.7



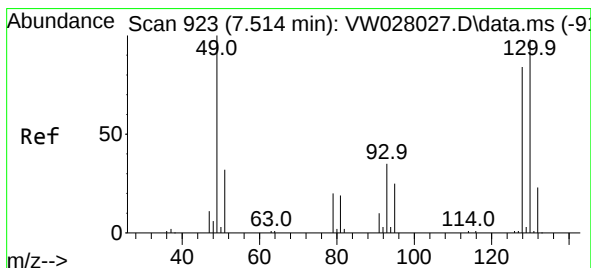
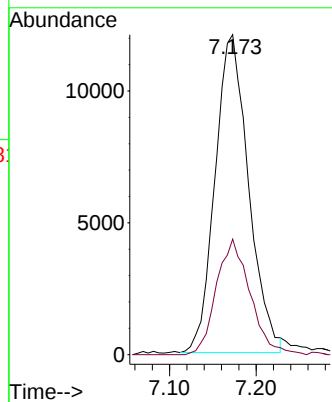
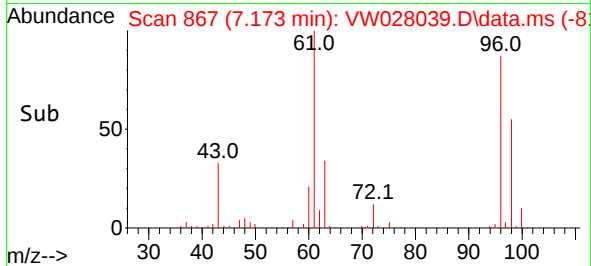


#22
2-Butanone
Concen: 56.822 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Instrument :
MSVOA_W
ClientSampleId :

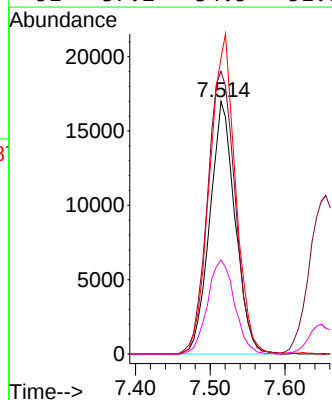
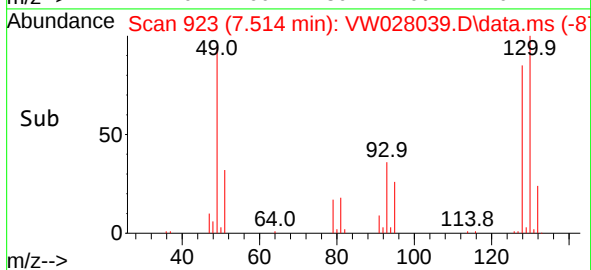
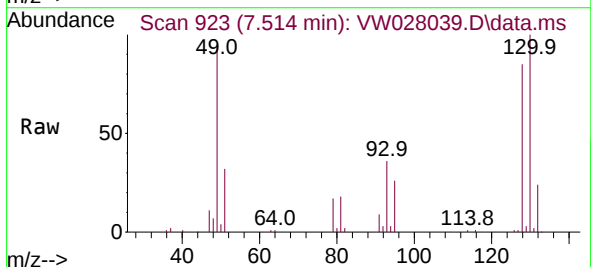


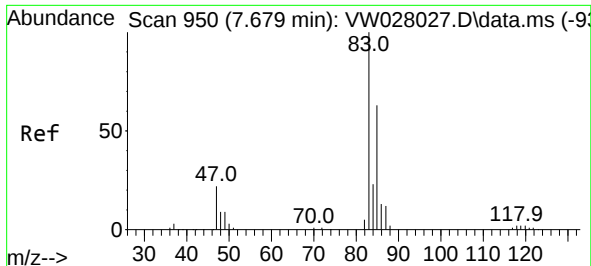
Tgt Ion: 43 Resp: 32410
Ion Ratio Lower Upper
43 100
72 36.6 17.0 50.9



#23
Bromochloromethane
Concen: 26.059 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 128 Resp: 40055
Ion Ratio Lower Upper
128 100
49 111.9 93.2 173.2
130 117.2 97.4 180.8
51 37.2 34.5 51.7

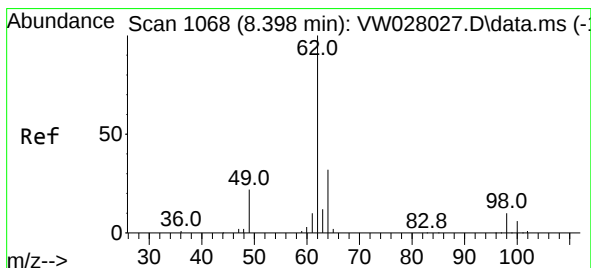
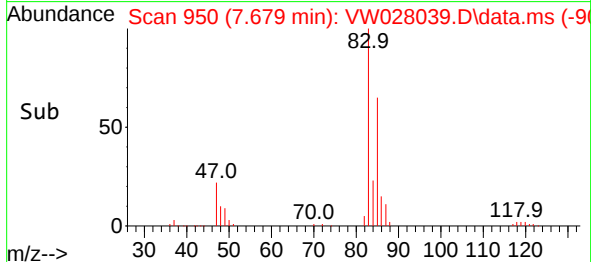
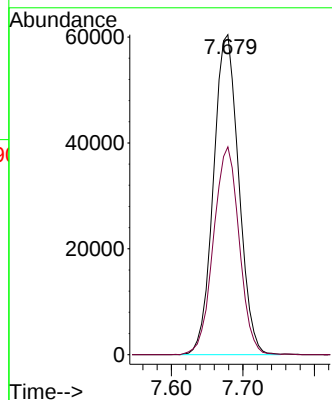
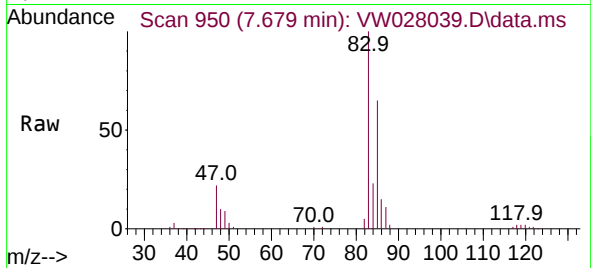




#25
Chloroform
Concen: 25.931 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

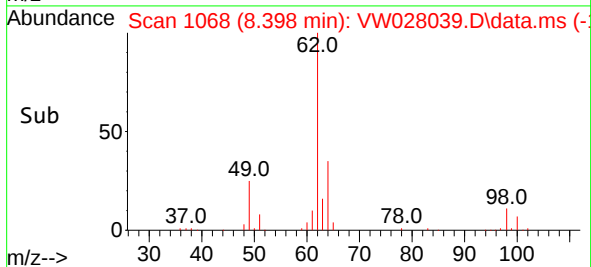
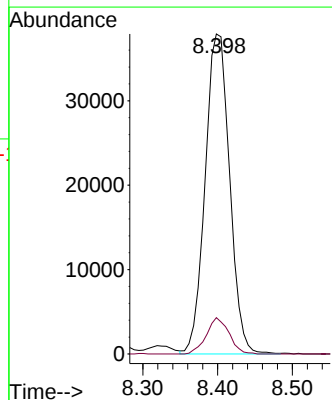
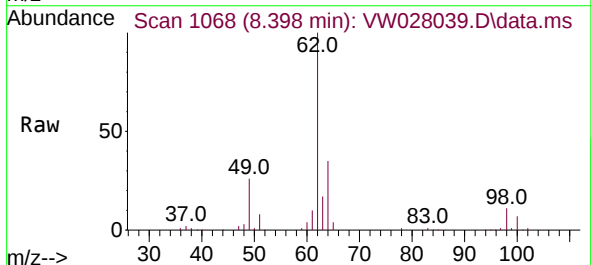
Instrument :
MSVOA_W
ClientSampleId :

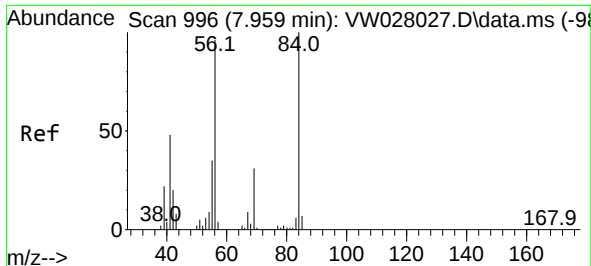
Tgt Ion: 83 Resp: 148399
Ion Ratio Lower Upper
83 100
85 65.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.106 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 62 Resp: 86385
Ion Ratio Lower Upper
62 100
98 11.3 9.4 14.2





#29

Cyclohexane

Concen: 23.848 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

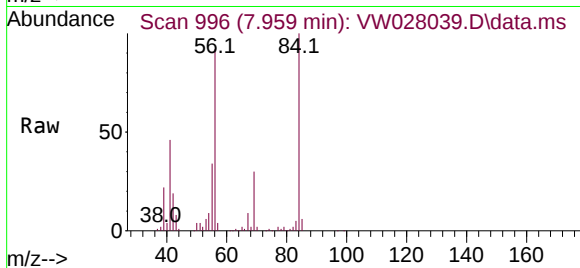
Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :



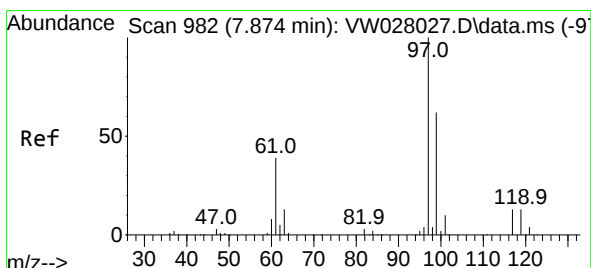
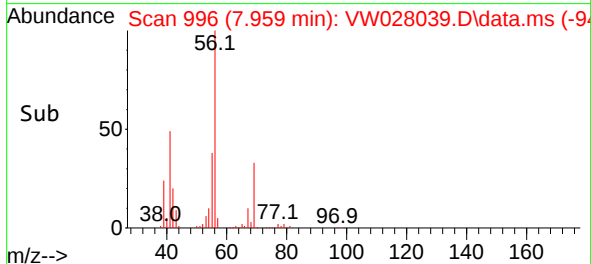
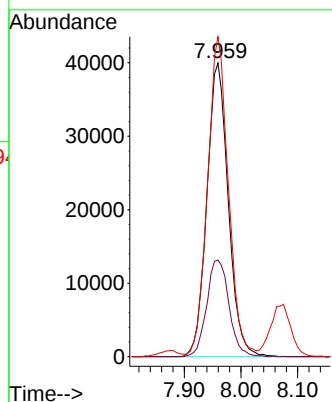
Tgt Ion: 56 Resp: 104811

Ion Ratio Lower Upper

56 100

69 34.2 26.3 39.5

84 106.0 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 26.509 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

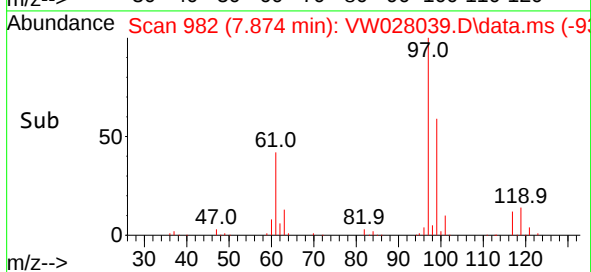
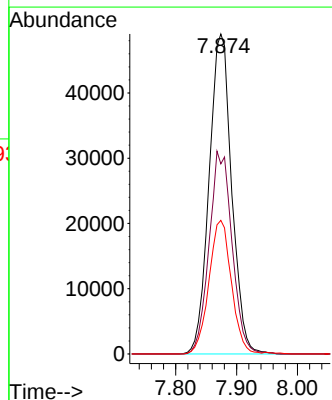
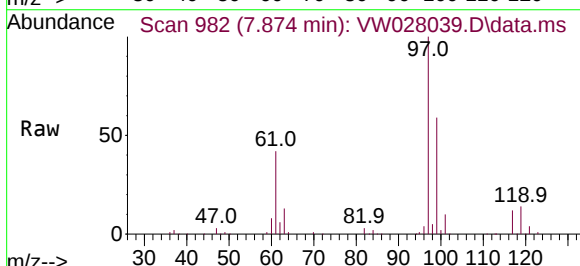
Tgt Ion: 97 Resp: 126183

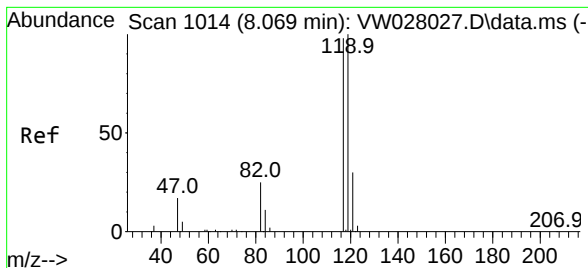
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 41.5 32.9 49.3





#31

Carbon tetrachloride

Concen: 26.770 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

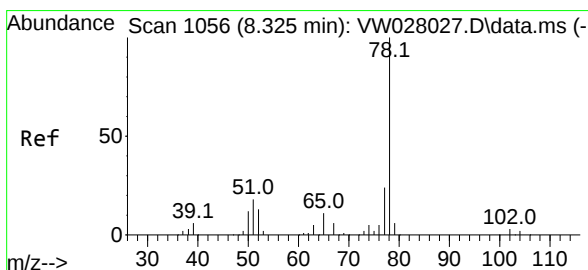
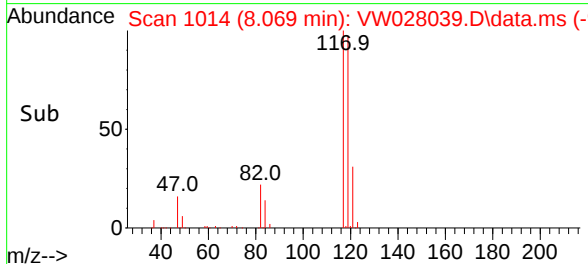
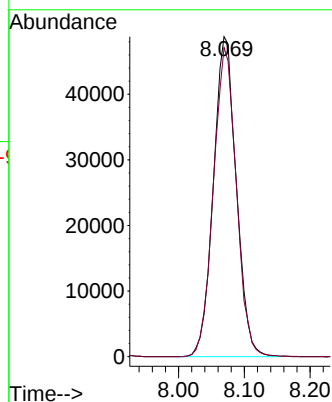
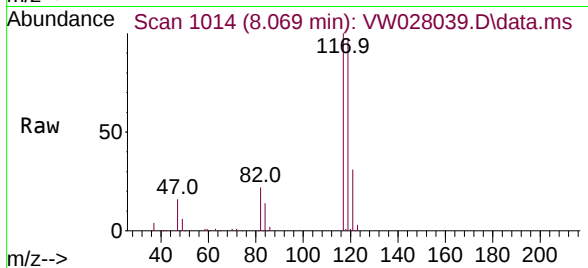
ClientSampleId :

Tgt Ion:117 Resp: 117883

Ion Ratio Lower Upper

117 100

119 97.1 76.5 114.7



#33

Benzene

Concen: 24.937 ug/L

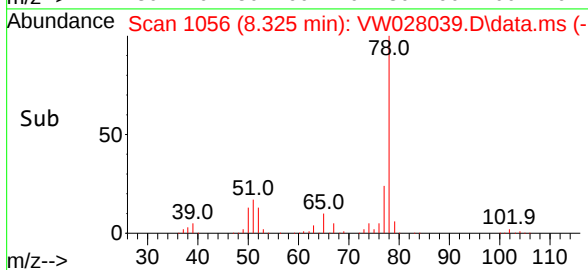
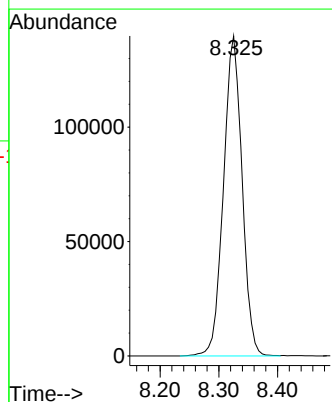
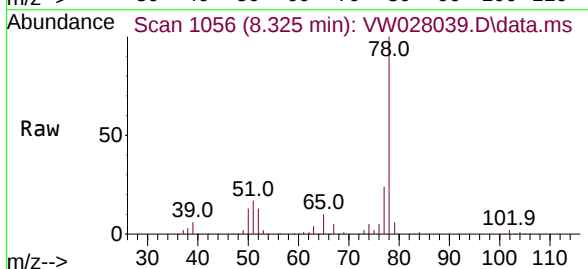
RT: 8.325 min Scan# 1056

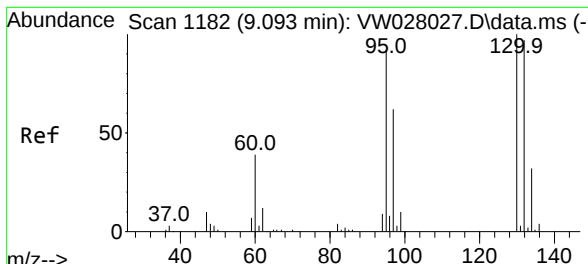
Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Tgt Ion: 78 Resp: 307120





#34

Trichloroethene

Concen: 24.234 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 85678

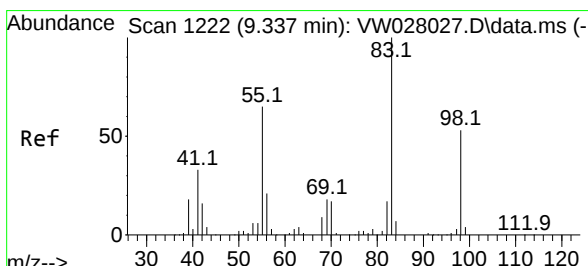
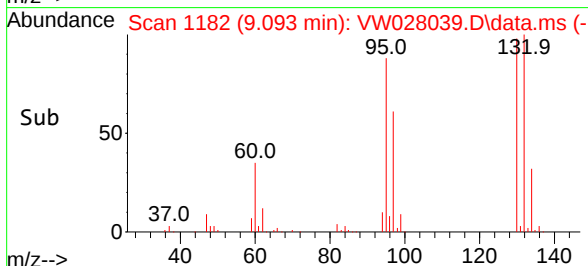
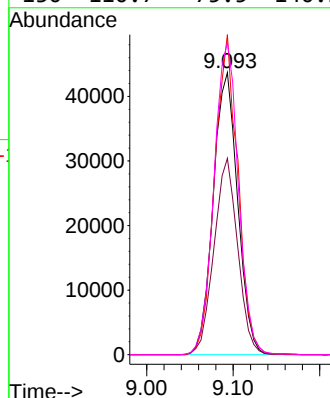
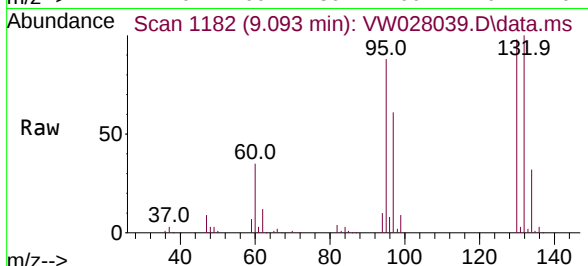
Ion Ratio Lower Upper

95 100

97 69.6 44.3 82.3

132 113.4 68.0 126.2

130 110.7 75.5 140.3



#35

Methylcyclohexane

Concen: 24.272 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

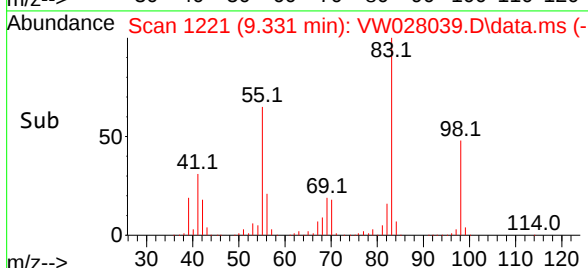
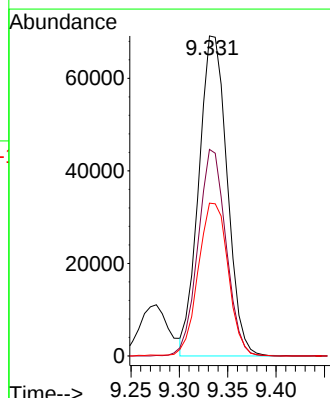
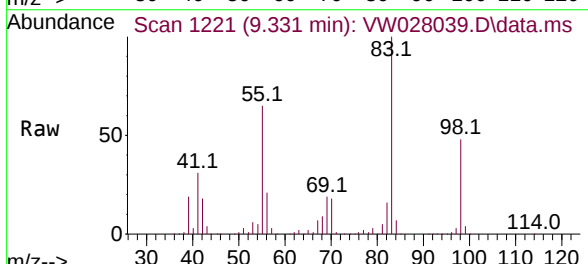
Tgt Ion: 83 Resp: 141210

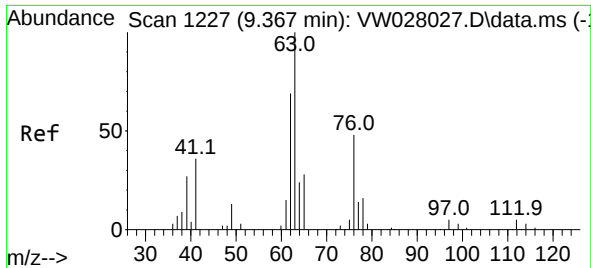
Ion Ratio Lower Upper

83 100

55 63.5 52.3 78.5

98 50.4 41.9 62.9

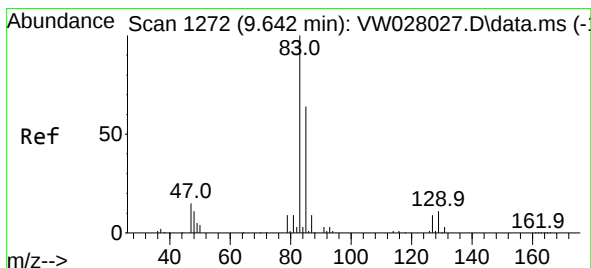
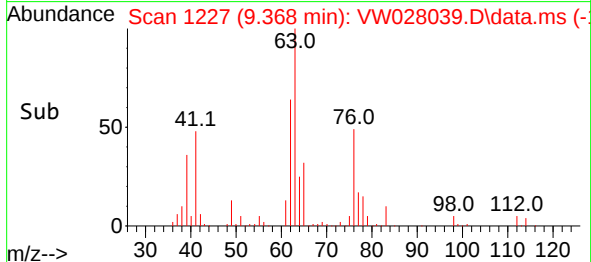
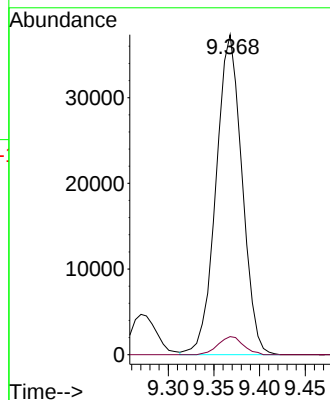
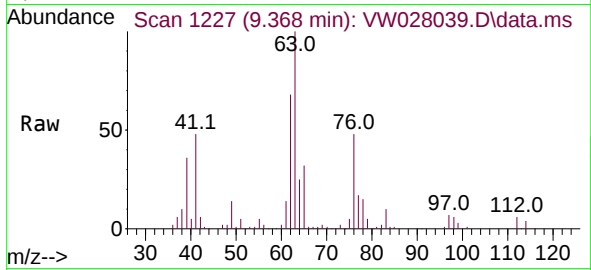




#37
1,2-Dichloropropane
Concen: 25.573 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

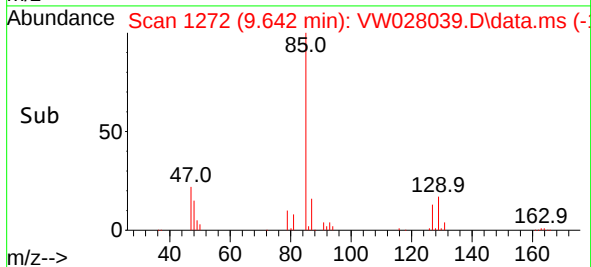
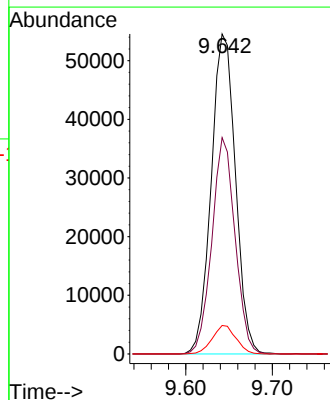
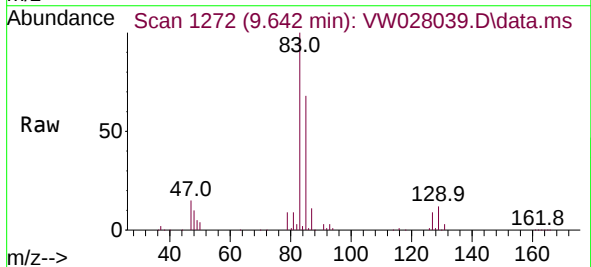
Instrument :
MSVOA_W
ClientSampleId :

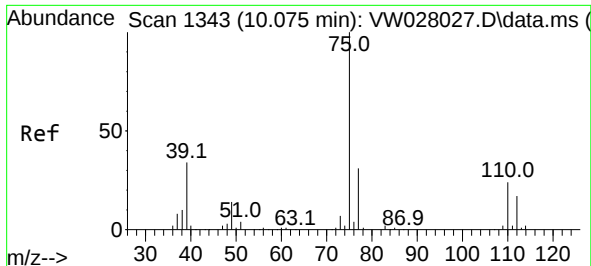
Tgt Ion: 63 Resp: 74007
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.2



#38
Bromodichloromethane
Concen: 27.439 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 83 Resp: 105996
Ion Ratio Lower Upper
83 100
85 67.6 44.7 83.1
127 8.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.490 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

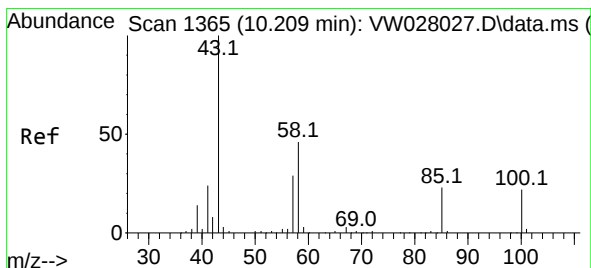
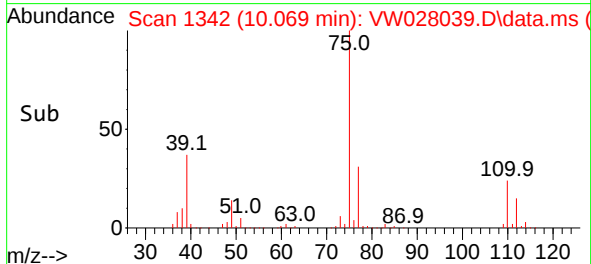
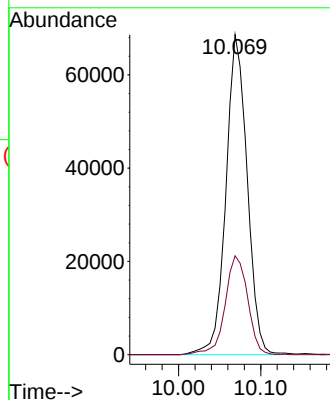
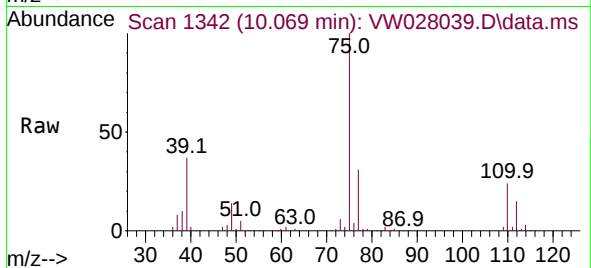
ClientSampleId :

Tgt Ion: 75 Resp: 122875

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 57.849 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

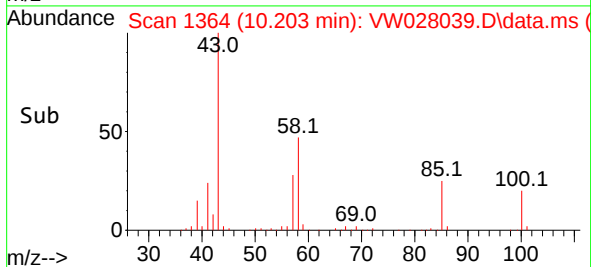
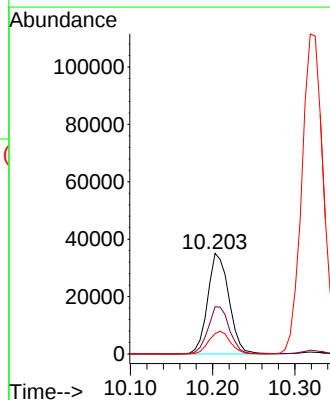
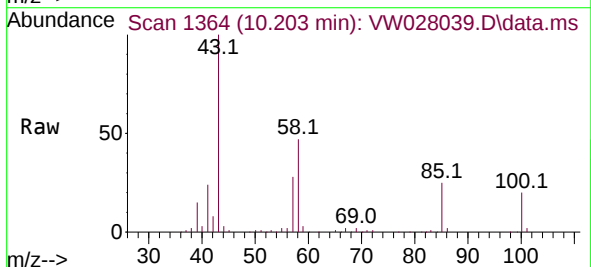
Tgt Ion: 43 Resp: 63189

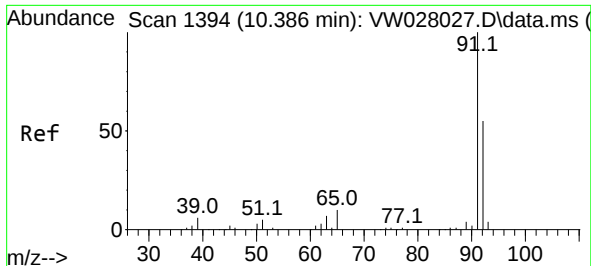
Ion Ratio Lower Upper

43 100

58 47.0 36.7 55.1

100 22.5 18.4 27.6

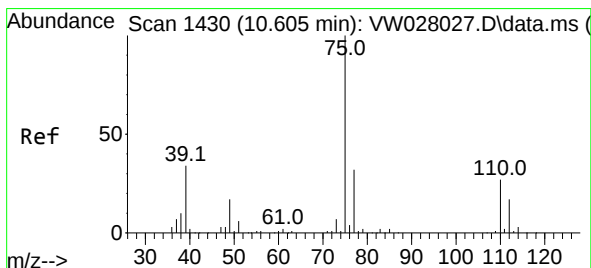
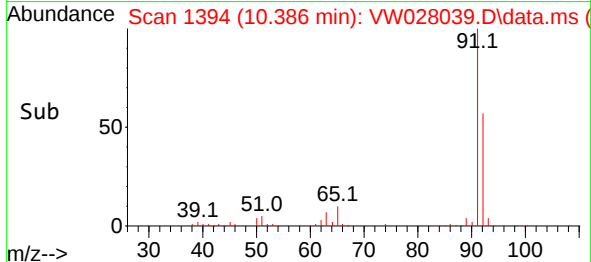
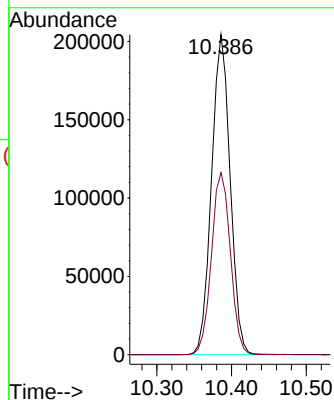
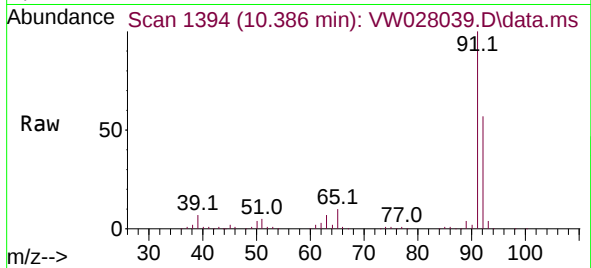




#42
Toluene
Concen: 25.598 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

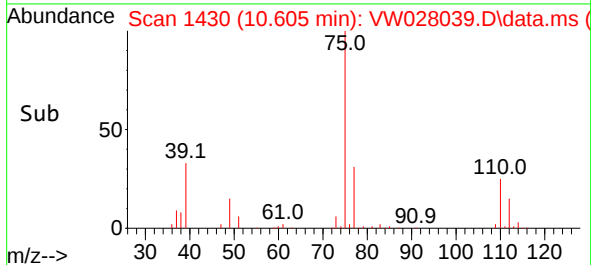
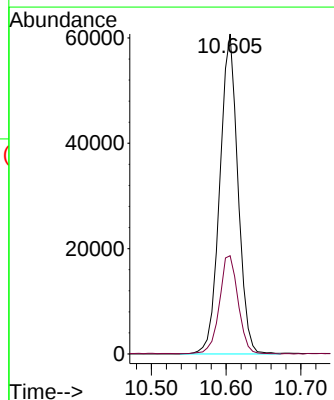
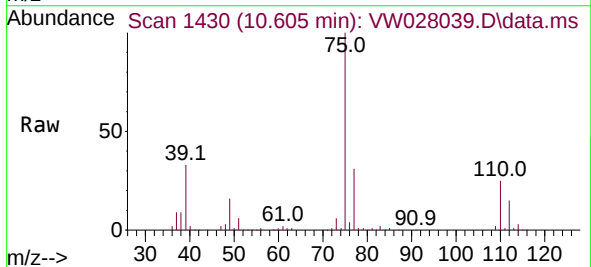
Instrument :
MSVOA_W
ClientSampleId :

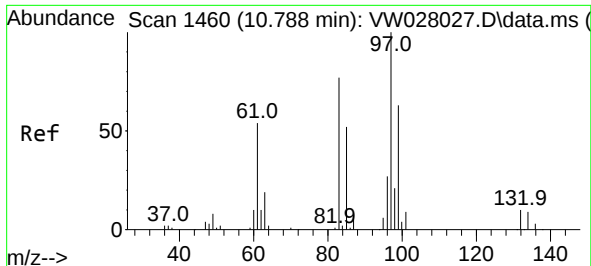
Tgt Ion: 91 Resp: 353466
Ion Ratio Lower Upper
91 100
92 56.9 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 27.814 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 75 Resp: 102403
Ion Ratio Lower Upper
75 100
77 30.7 21.5 39.9

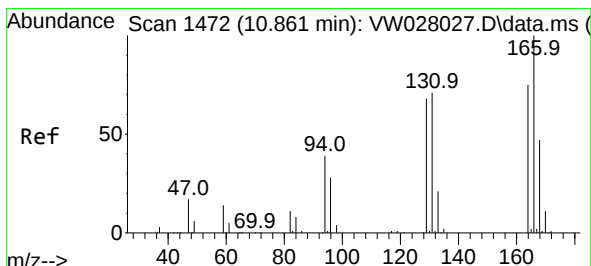
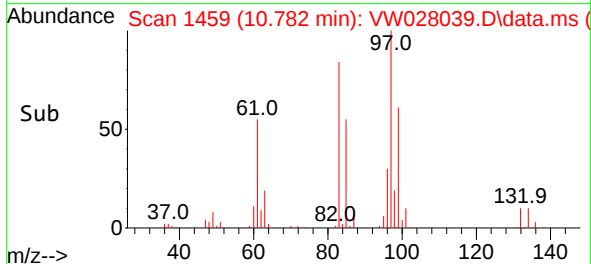
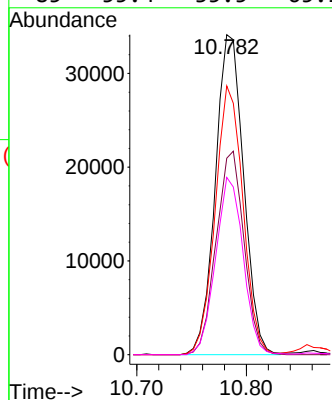
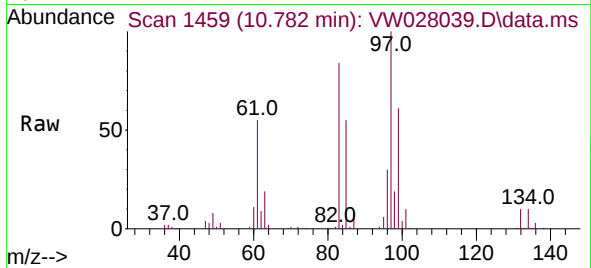




#45
1,1,2-Trichloroethane
Concen: 26.794 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

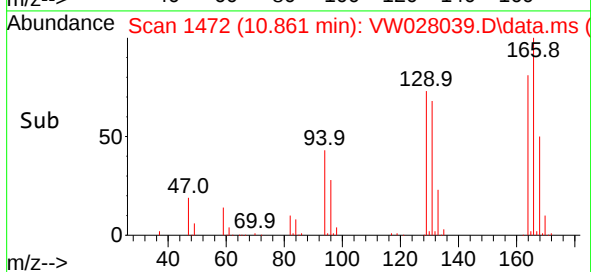
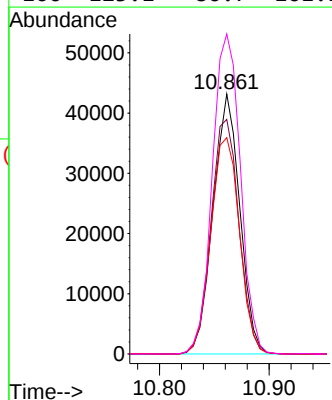
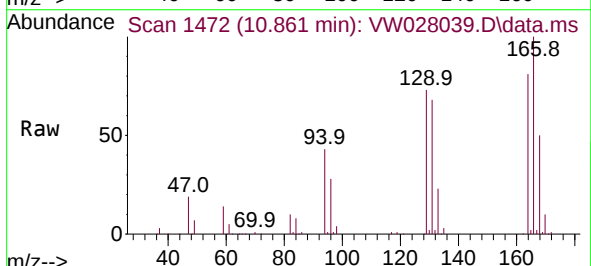
Instrument :
MSVOA_W
ClientSampleId :

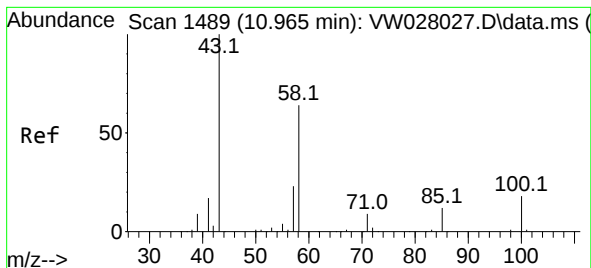
Tgt Ion:	97	Resp:	61376
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.3	80.5
83	84.0	57.2	106.2
85	55.4	35.5	65.9



#46
Tetrachloroethene
Concen: 24.603 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion:	164	Resp:	73189
Ion	Ratio	Lower	Upper
164	100		
129	90.2	59.4	110.2
131	83.2	65.0	120.6
166	123.1	86.7	161.1





#48

2-Hexanone

Concen: 60.239 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

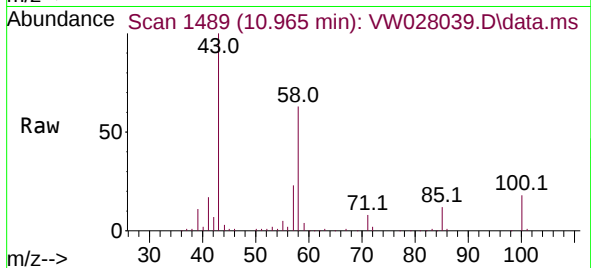
Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 49838

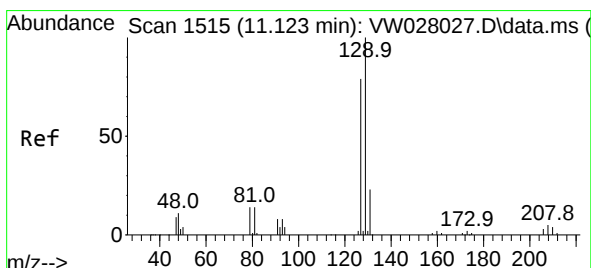
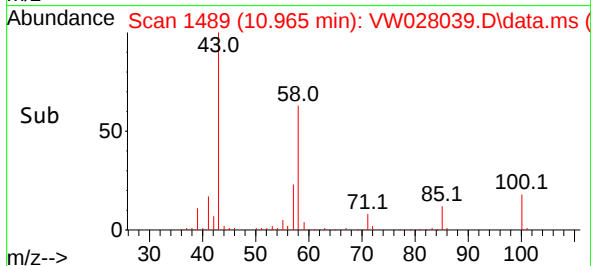
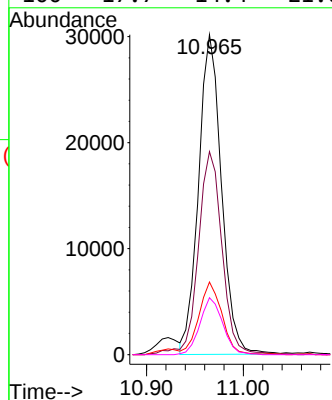
Ion Ratio Lower Upper

43 100

58 65.6 51.4 77.2

57 22.8 17.4 26.2

100 17.7 14.4 21.6



#49

Dibromochloromethane

Concen: 27.974 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028039.D

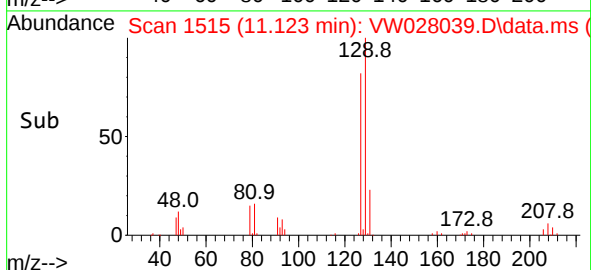
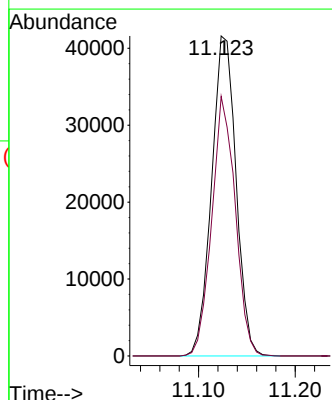
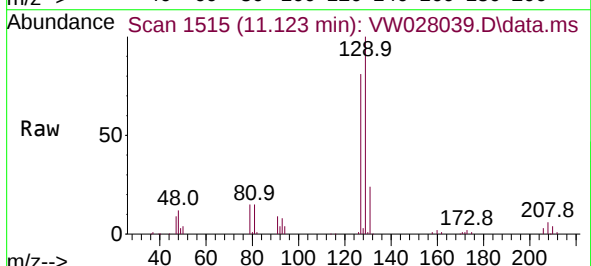
Acq: 19 Feb 2024 09:14

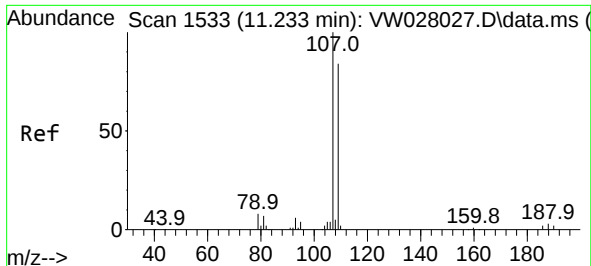
Tgt Ion: 129 Resp: 73055

Ion Ratio Lower Upper

129 100

127 81.1 49.6 92.0





#50

1,2-Dibromoethane

Concen: 26.638 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028039.D

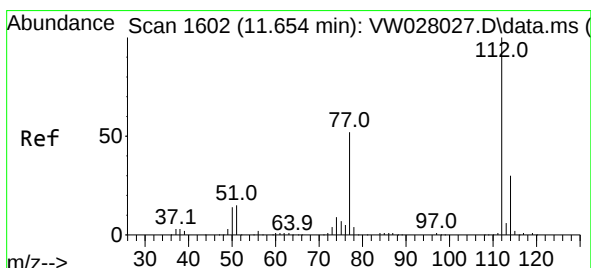
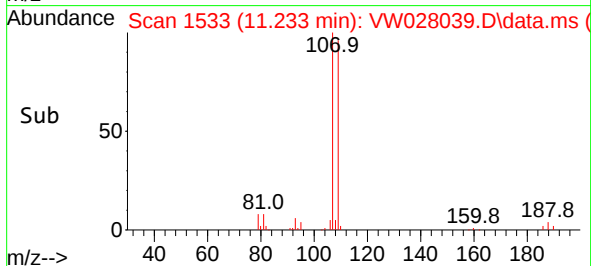
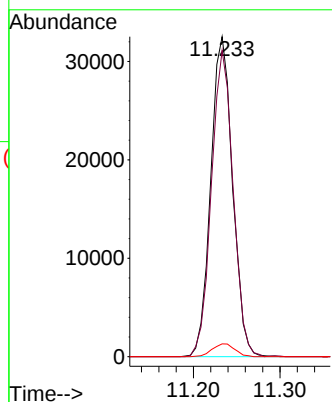
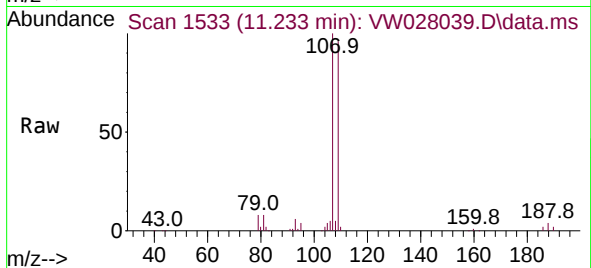
Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	56956
Ion	Ratio	Lower Upper
107	100	
109	95.7	71.2 132.2
188	4.0	3.1 4.7



#51

Chlorobenzene

Concen: 25.227 ug/L

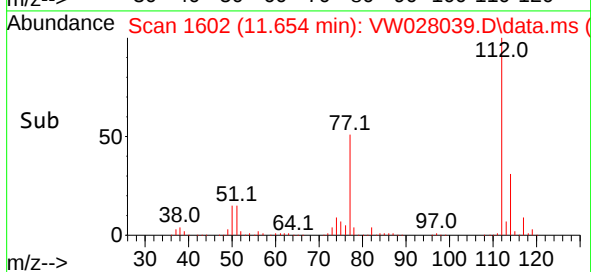
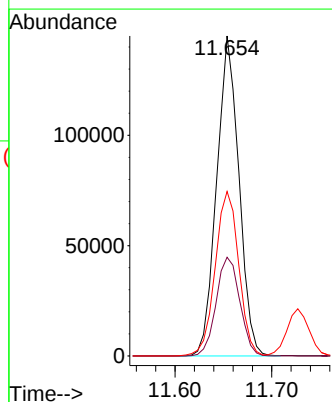
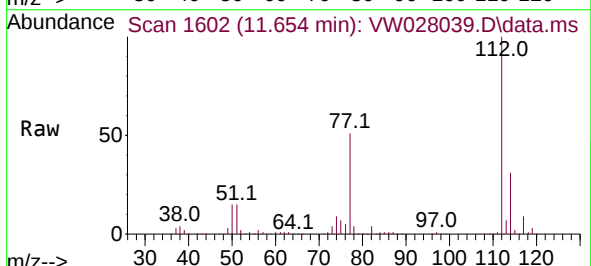
RT: 11.654 min Scan# 1602

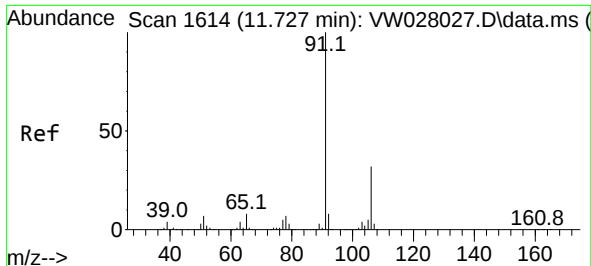
Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Tgt Ion:112	Resp:	231685
Ion	Ratio	Lower Upper
112	100	
114	30.8	22.7 42.3
77	51.4	42.6 64.0





#52

Ethylbenzene

Concen: 25.899 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

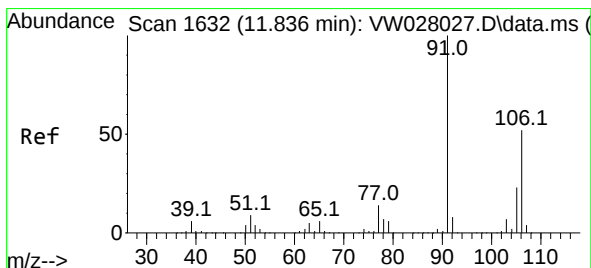
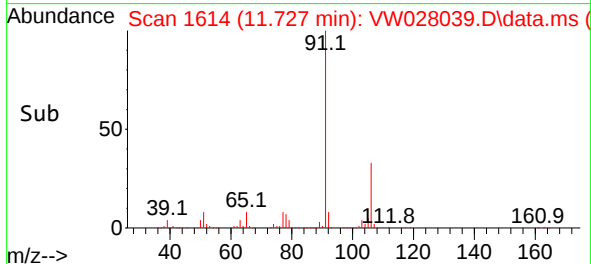
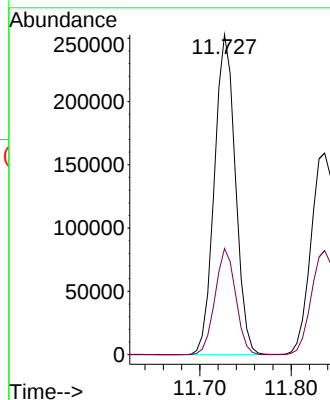
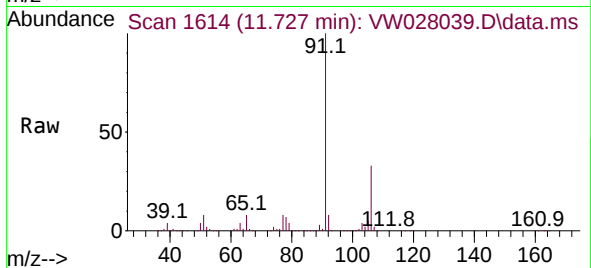
ClientSampleId :

Tgt Ion: 91 Resp: 403207

Ion Ratio Lower Upper

91 100

106 33.2 22.8 42.4



#53

m,p-Xylene

Concen: 25.784 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028039.D

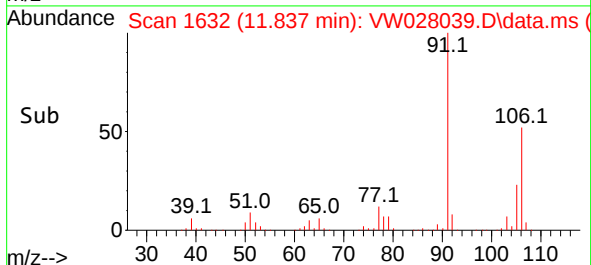
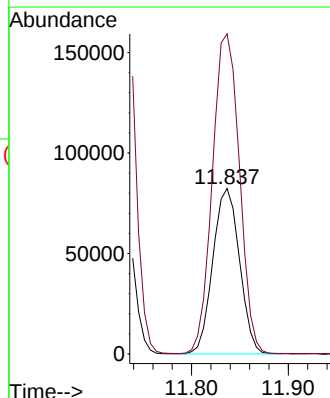
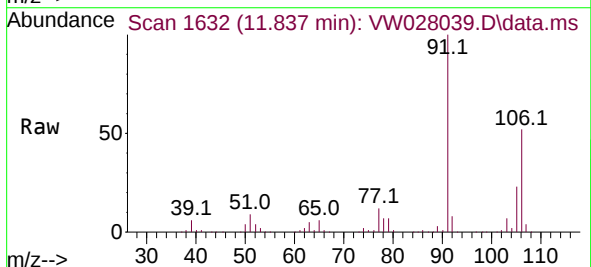
Acq: 19 Feb 2024 09:14

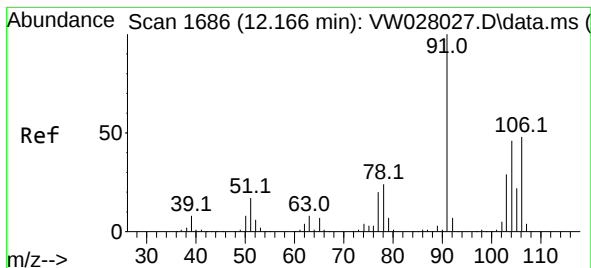
Tgt Ion:106 Resp: 157429

Ion Ratio Lower Upper

106 100

91 193.4 130.0 241.4





#54

o-Xylene

Concen: 26.654 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

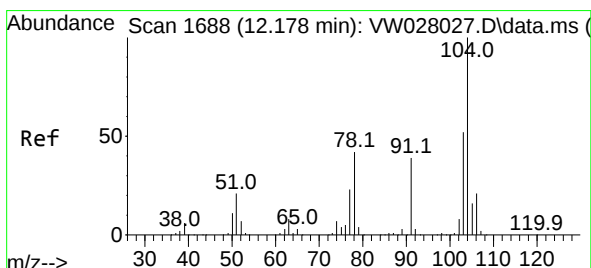
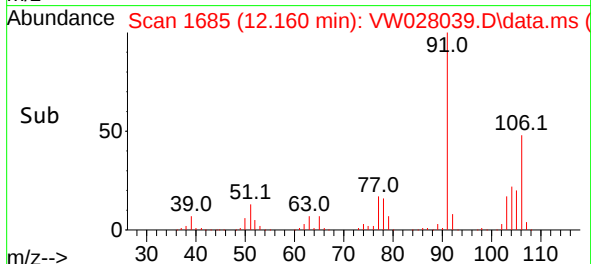
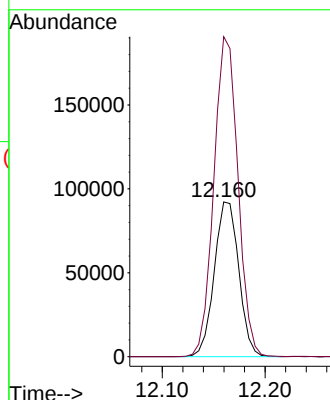
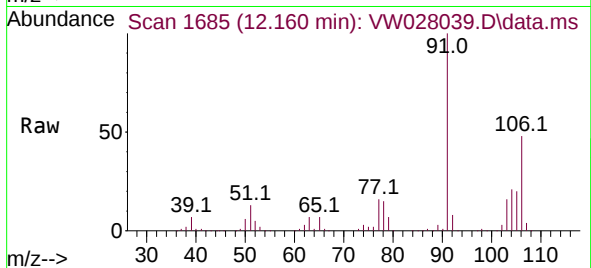
ClientSampleId :

Tgt Ion:106 Resp: 152629

Ion Ratio Lower Upper

106 100

91 206.7 146.4 272.0



#55

Styrene

Concen: 26.779 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028039.D

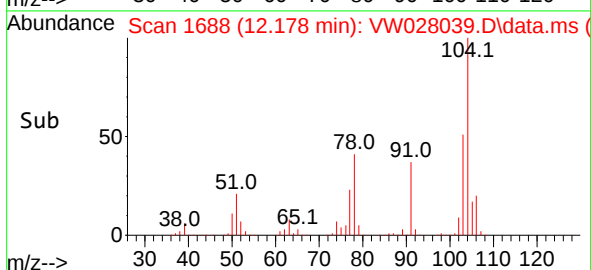
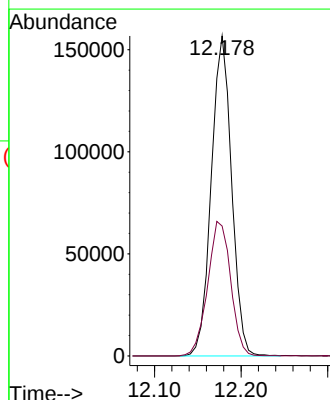
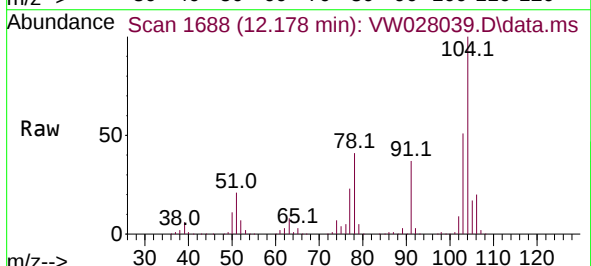
Acq: 19 Feb 2024 09:14

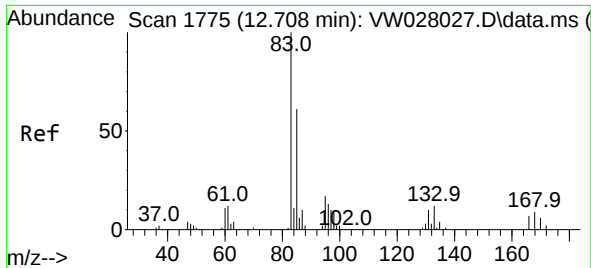
Tgt Ion:104 Resp: 255418

Ion Ratio Lower Upper

104 100

78 40.6 28.3 52.7

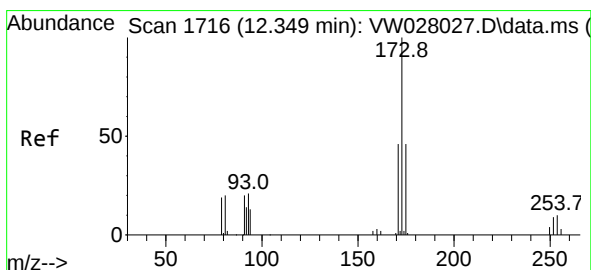
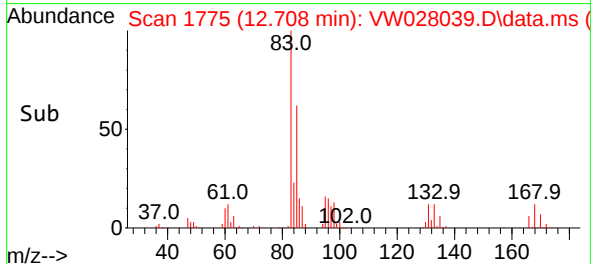
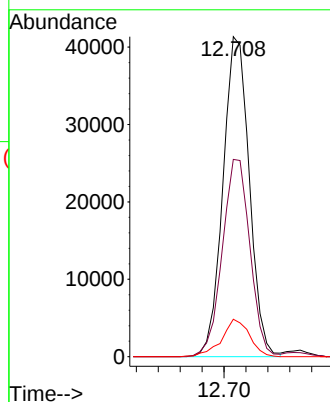
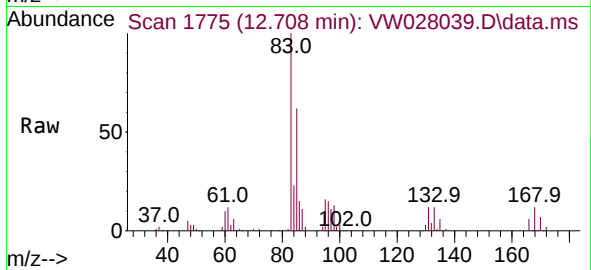




#57
1,1,2,2-Tetrachloroethane
Concen: 28.171 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

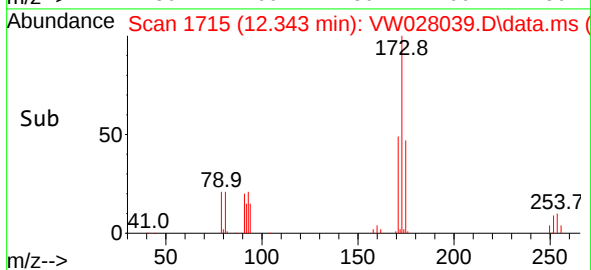
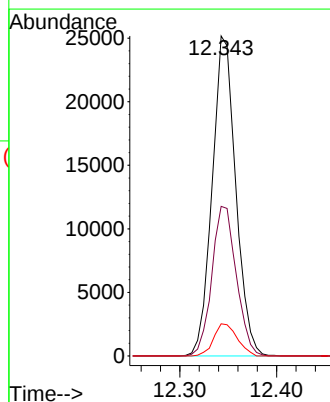
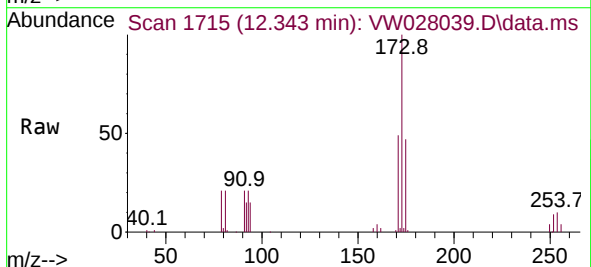
Instrument :
MSVOA_W
ClientSampleId :

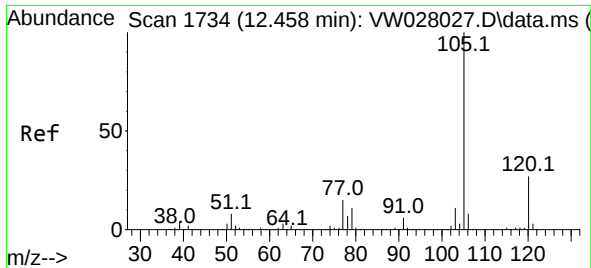
Tgt Ion: 83 Resp: 69103
Ion Ratio Lower Upper
83 100
85 61.6 42.9 79.7
131 11.7 8.7 13.1



#59
Bromoform
Concen: 27.817 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion:173 Resp: 42568
Ion Ratio Lower Upper
173 100
175 48.5 37.8 56.8
254 10.1 8.4 12.6

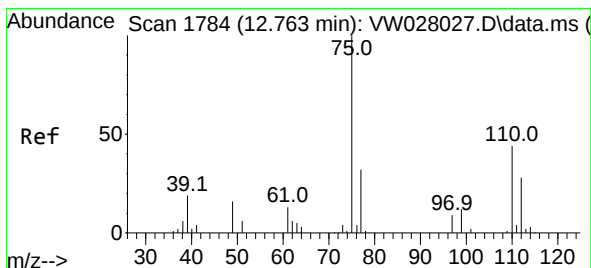
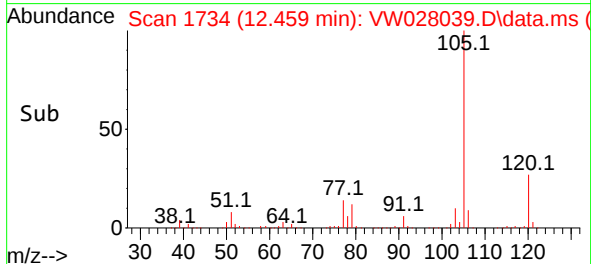
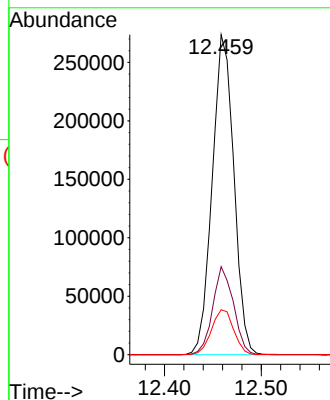
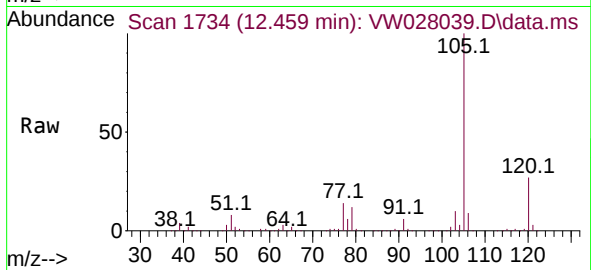




#60
Isopropylbenzene
Concen: 26.243 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

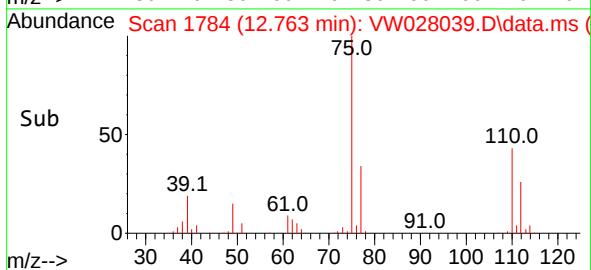
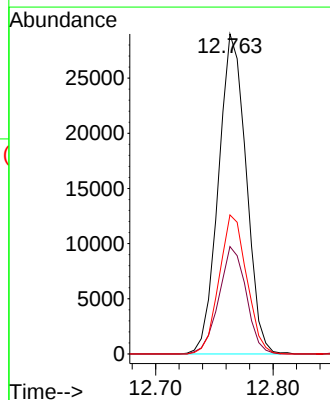
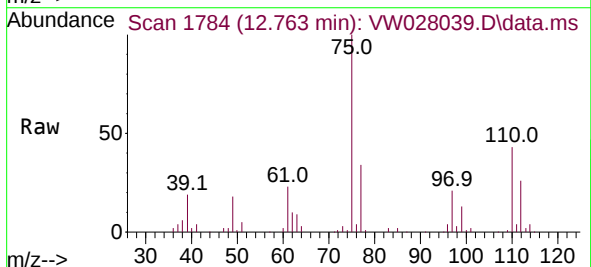
Instrument :
MSVOA_W
ClientSampleId :

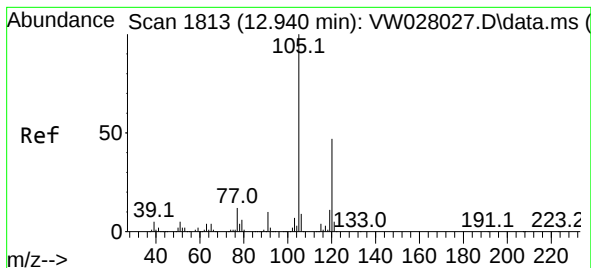
Tgt Ion:105 Resp: 424827
Ion Ratio Lower Upper
105 100
120 26.3 22.2 33.2
77 14.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 27.424 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion: 75 Resp: 47451
Ion Ratio Lower Upper
75 100
77 32.9 26.5 39.7
110 43.2 35.8 53.8

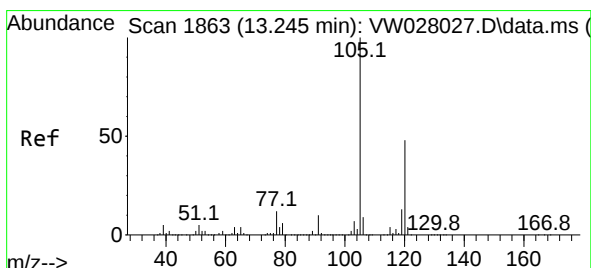
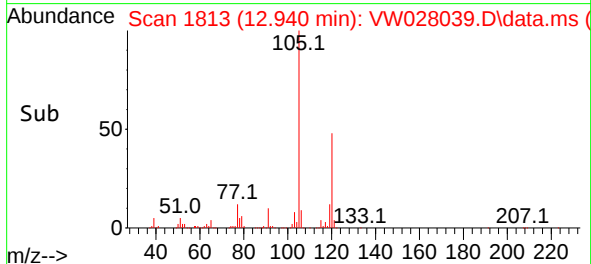
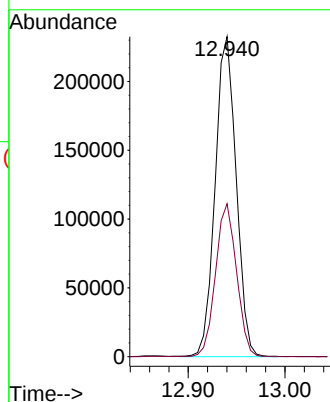
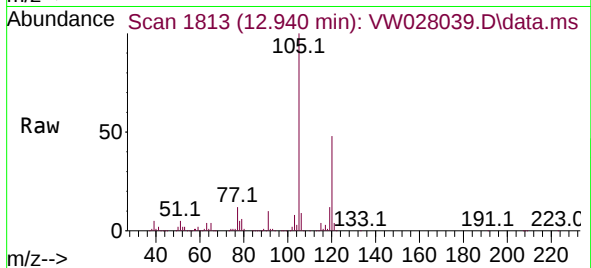




#62
1,3,5-Trimethylbenzene
Concen: 27.060 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

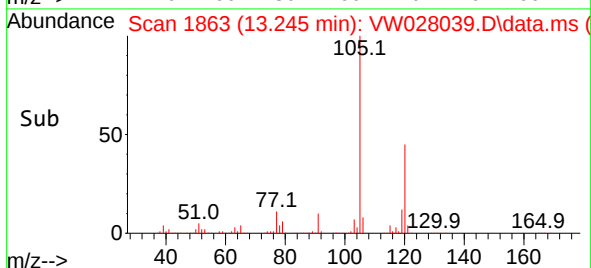
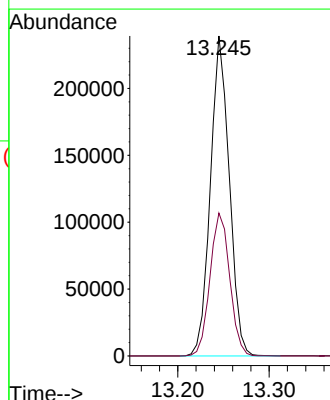
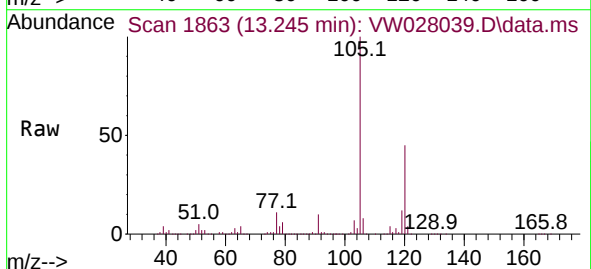
Instrument :
MSVOA_W
ClientSampleId :

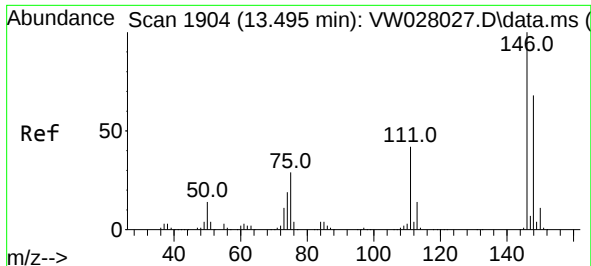
Tgt Ion:105 Resp: 350538
Ion Ratio Lower Upper
105 100
120 47.7 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 27.040 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion:105 Resp: 342773
Ion Ratio Lower Upper
105 100
120 46.6 36.4 54.6

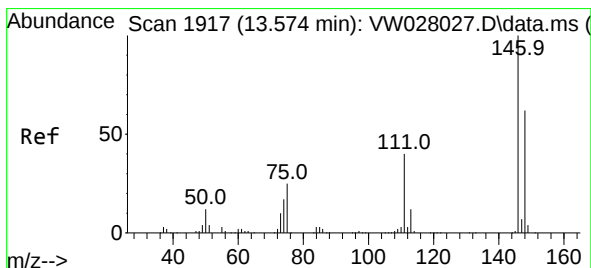
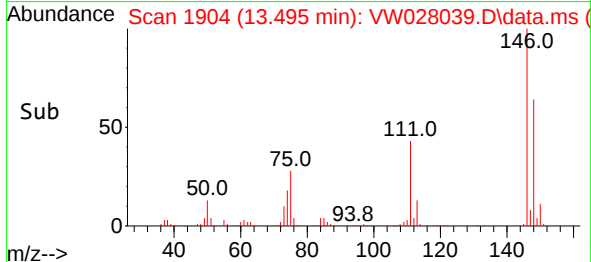
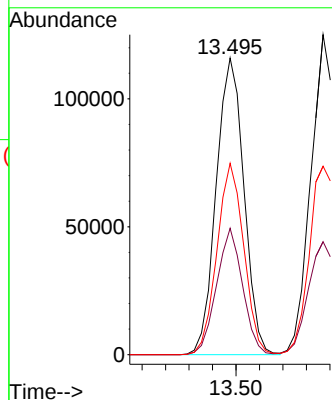
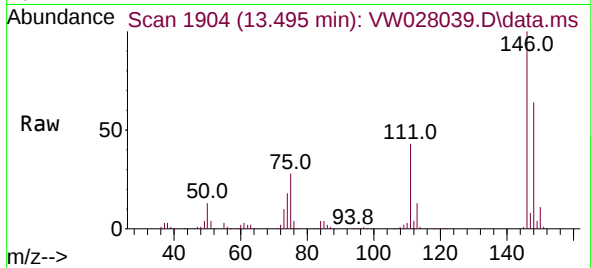




#64
1,3-Dichlorobenzene
Concen: 25.623 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

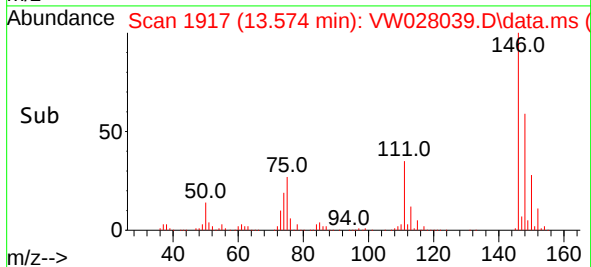
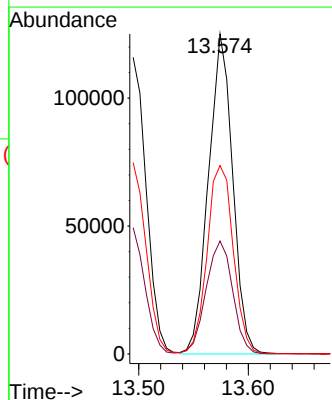
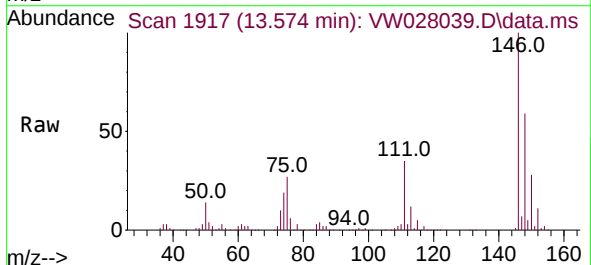
Instrument :
MSVOA_W
ClientSampleId :

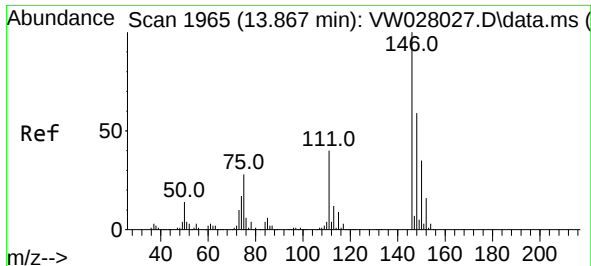
Tgt Ion:146 Resp: 190547
Ion Ratio Lower Upper
146 100
111 42.6 26.9 49.9
148 64.5 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 25.464 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028039.D
Acq: 19 Feb 2024 09:14

Tgt Ion:146 Resp: 192534
Ion Ratio Lower Upper
146 100
111 35.3 24.1 44.8
148 58.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 26.415 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

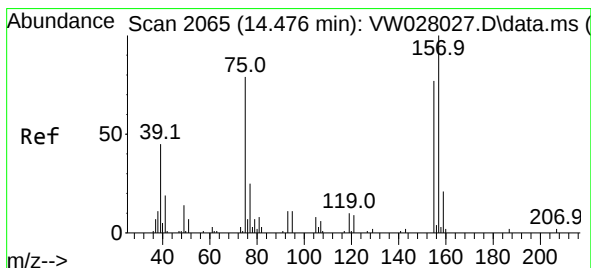
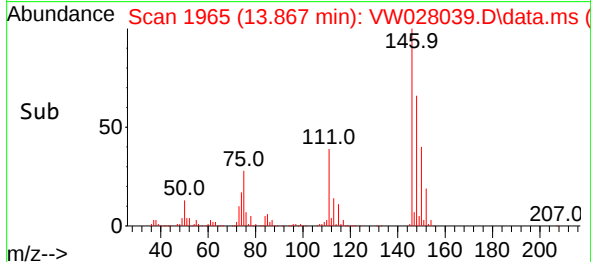
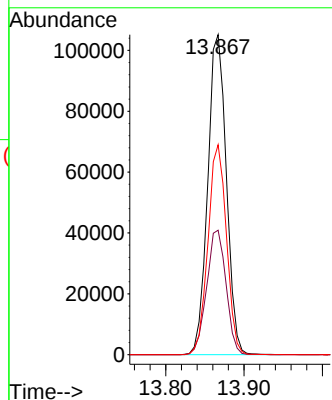
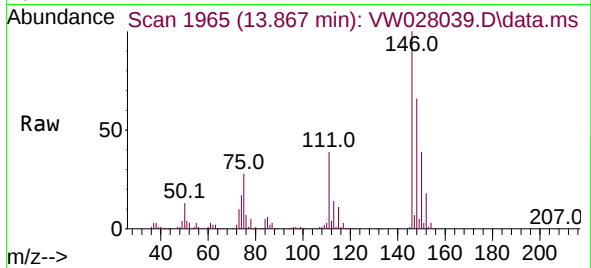
Tgt Ion:146 Resp: 173501

Ion Ratio Lower Upper

146 100

111 38.9 30.6 46.0

148 65.6 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 29.241 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

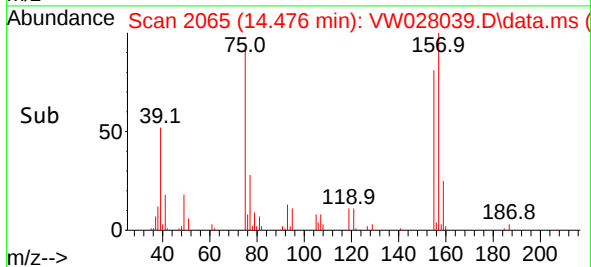
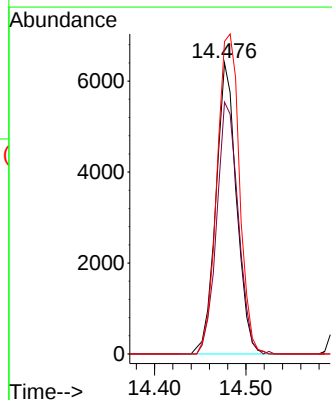
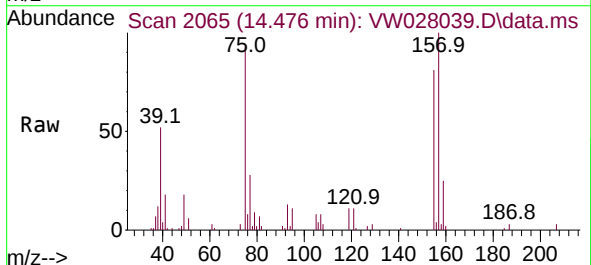
Tgt Ion: 75 Resp: 10045

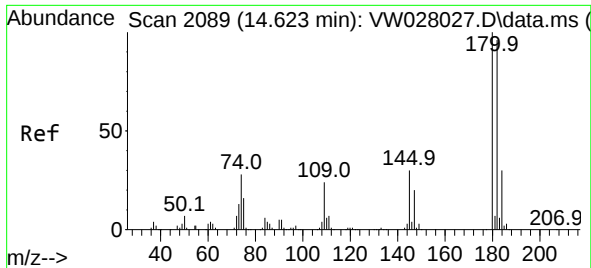
Ion Ratio Lower Upper

75 100

155 86.5 68.7 103.1

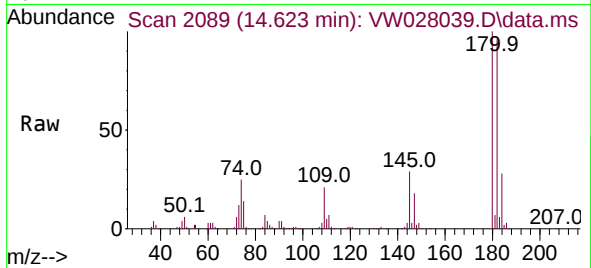
157 107.3 96.7 145.1



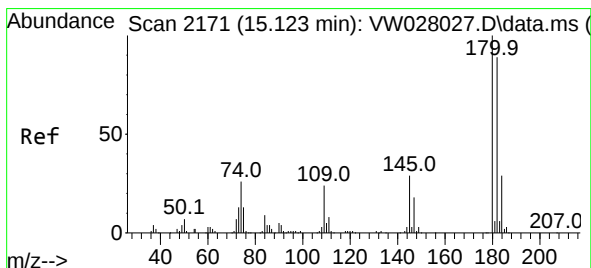
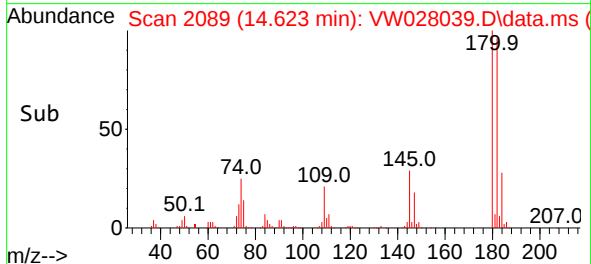
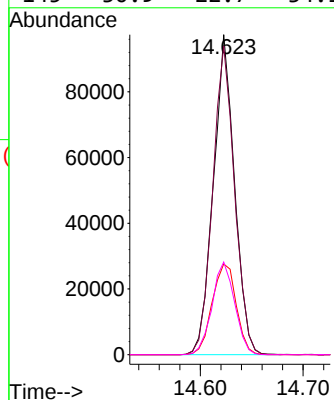


#69
 1,3,5-Trichlorobenzene
 Concen: 26.058 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW028039.D
 Acq: 19 Feb 2024 09:14

Instrument :
 MSVOA_W
 ClientSampleId :

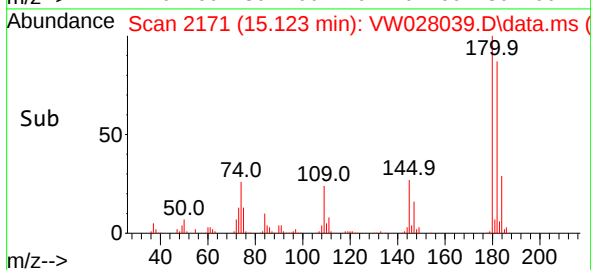
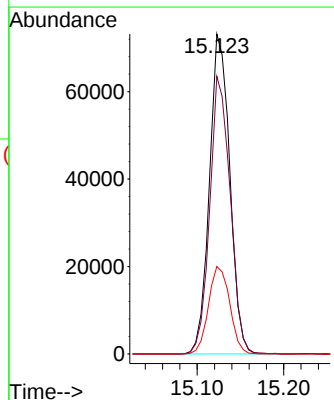
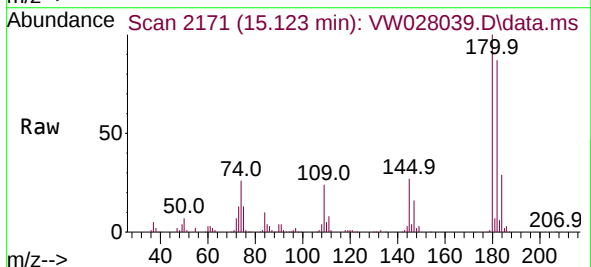


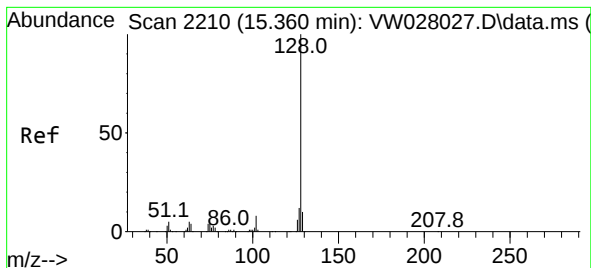
Tgt Ion:180 Resp: 139150
 Ion Ratio Lower Upper
 180 100
 182 99.3 72.1 108.1
 184 32.2 24.4 36.6
 145 30.9 22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 27.676 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW028039.D
 Acq: 19 Feb 2024 09:14

Tgt Ion:180 Resp: 119342
 Ion Ratio Lower Upper
 180 100
 182 87.3 77.0 115.6
 145 28.5 23.4 35.0





#71

Naphthalene

Concen: 28.306 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Instrument :

MSVOA_W

ClientSampleId :

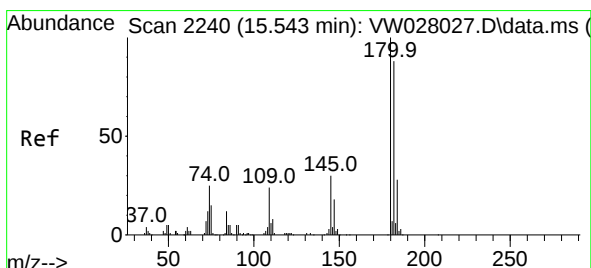
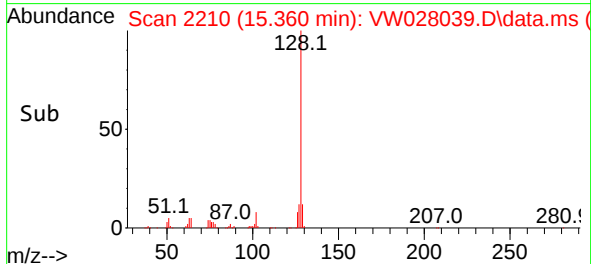
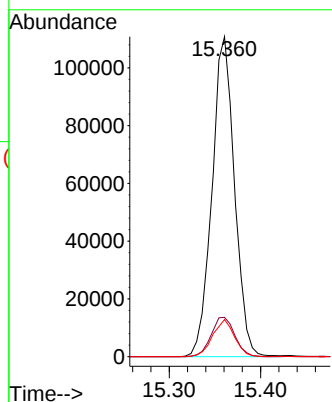
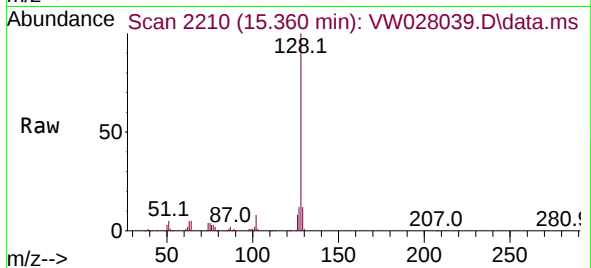
Tgt Ion:128 Resp: 189673

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.3 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 28.413 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028039.D

Acq: 19 Feb 2024 09:14

Tgt Ion:180 Resp: 102222

Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 29.9 25.8 38.8

