

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028244.D
 Acq On : 27 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:07:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 26 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	205983	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189551	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51713	21.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
7) Chloroethane-d5	2.905	69	42135	25.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	4.027	65	35665	23.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.360%
21) 2-Butanone-d5	7.081	46	37547	52.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.640%
24) Chloroform-d	7.648	84	170913	28.139	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.560%
26) 1,2-Dichloroethane-d4	8.307	65	90586	27.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.240%
32) Benzene-d6	8.276	84	318327	27.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.040%
36) 1,2-Dichloropropane-d6	9.270	67	94385	28.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.360%
41) Toluene-d8	10.325	98	291756	27.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.320%
43) trans-1,3-Dichloroprop...	10.575	79	40713	26.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.680%
47) 2-Hexanone-d5	10.922	63	30570	55.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69740	28.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	102973	28.367	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59080	19.772	ug/L	98
3) Chloromethane	2.223	50	44584	21.037	ug/L	99
5) Vinyl chloride	2.375	62	57034	23.807	ug/L	93
6) Bromomethane	2.796	94	35431	24.834	ug/L	95
8) Chloroethane	2.936	64	31266	24.282	ug/L	99
9) Trichlorofluoromethane	3.271	101	74884	25.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	74631	25.937	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68536	25.766	ug/L	91
13) Acetone	4.131	43	33603	42.576	ug/L	100
14) Carbon disulfide	4.393	76	200552	24.174	ug/L	100
15) Methyl Acetate	4.673	43	27751	22.827	ug/L	99
16) Methylene chloride	4.917	84	71531	22.816	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	72507	25.650	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	109873	25.762	ug/L	99
19) 1,1-Dichloroethane	6.216	63	141755	25.903	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79840	26.152	ug/L	95
22) 2-Butanone	7.173	43	40545	45.246	ug/L	97
23) Bromochloromethane	7.514	128	34476	25.544	ug/L	95
25) Chloroform	7.679	83	147603	26.199	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028244.D
 Acq On : 27 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:07:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 26 01:17:39 2024
 Response via : Initial Calibration

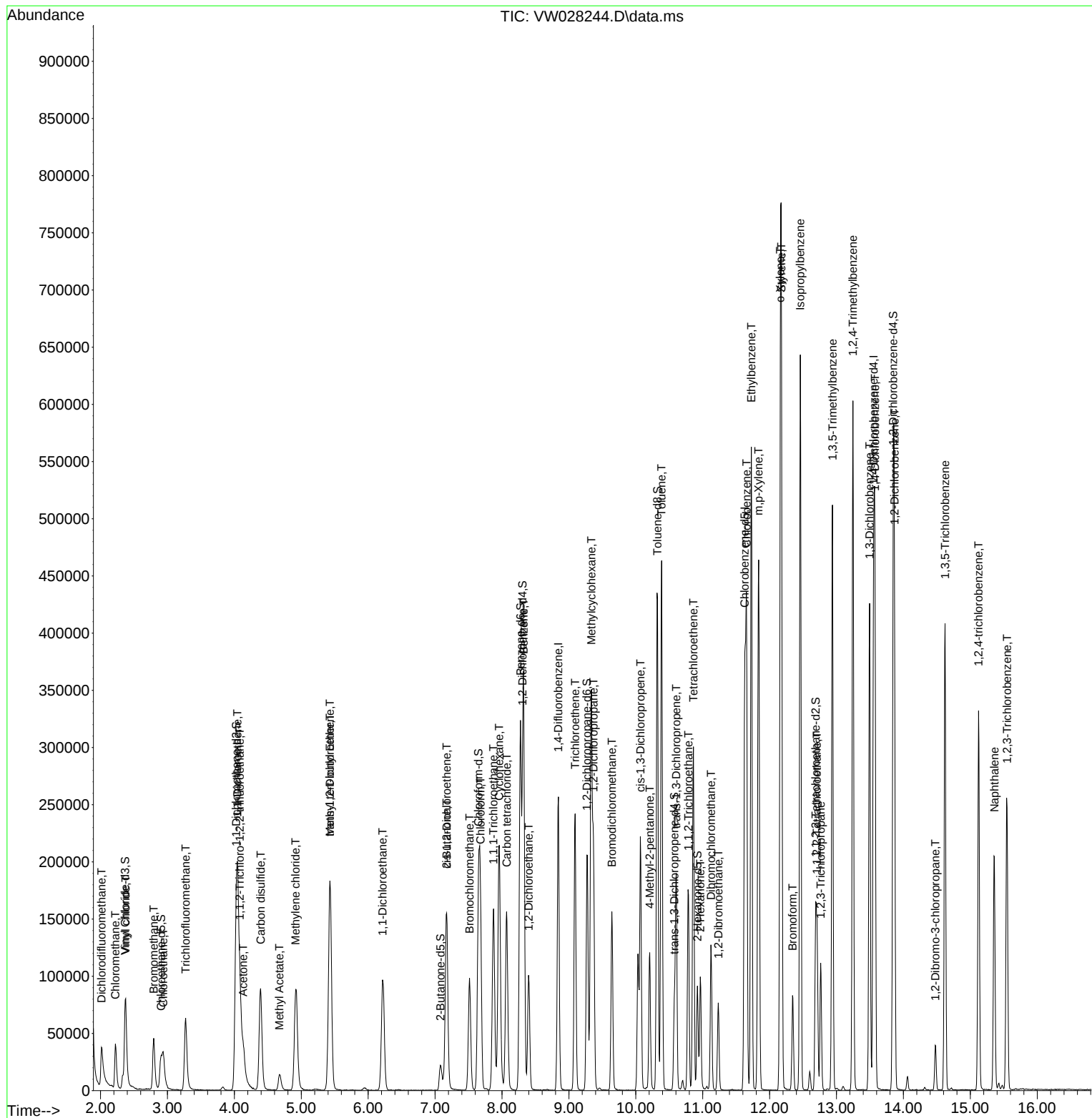
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	96009	24.131	ug/L	98
29) Cyclohexane	7.959	56	125207	25.325	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	129095	25.981	ug/L	99
31) Carbon tetrachloride	8.069	117	119093	25.553	ug/L	99
33) Benzene	8.325	78	302357	25.922	ug/L	100
34) Trichloroethene	9.093	95	84082	25.838	ug/L	97
35) Methylcyclohexane	9.337	83	138361	25.154	ug/L	99
37) 1,2-Dichloropropane	9.368	63	77605	26.012	ug/L	99
38) Bromodichloromethane	9.642	83	103182	25.652	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	125113	26.186	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	78714	47.798	ug/L	99
42) Toluene	10.386	91	330368	25.952	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	104865	25.996	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	55239	25.626	ug/L	94
46) Tetrachloroethene	10.861	164	66887	25.499	ug/L	96
48) 2-Hexanone	10.965	43	60471	46.876	ug/L	97
49) Dibromochloromethane	11.123	129	65553	25.678	ug/L	98
50) 1,2-Dibromoethane	11.233	107	49843	24.183	ug/L	93
51) Chlorobenzene	11.654	112	213607	26.436	ug/L	95
52) Ethylbenzene	11.727	91	383600	25.813	ug/L	98
53) m,p-Xylene	11.837	106	146927	26.274	ug/L	96
54) o-Xylene	12.160	106	137983	26.608	ug/L	94
55) Styrene	12.178	104	238199	26.741	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	60541	24.555	ug/L	96
59) Bromoform	12.343	173	38293	25.645	ug/L	98
60) Isopropylbenzene	12.459	105	402820	27.207	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	44832	23.573	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	269156	27.094	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	318354	26.540	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	169093	25.600	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	173138	26.214	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	152624	26.832	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	10633	23.801	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	124464	27.052	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	101275	25.911	ug/L	97
71) Naphthalene	15.360	128	174738	26.046	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87948	27.295	ug/L	98

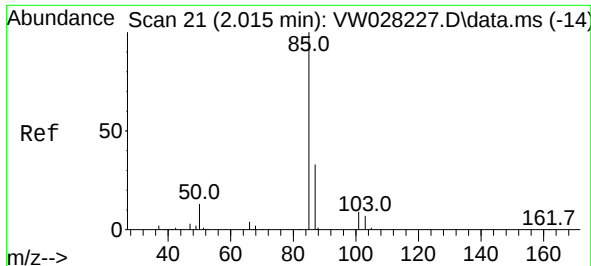
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
Data File : VW028244.D
Acq On : 27 Mar 2024 09:23
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 28 01:07:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Mar 26 01:17:39 2024
Response via : Initial Calibration

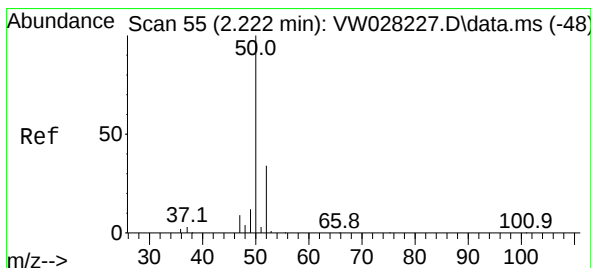
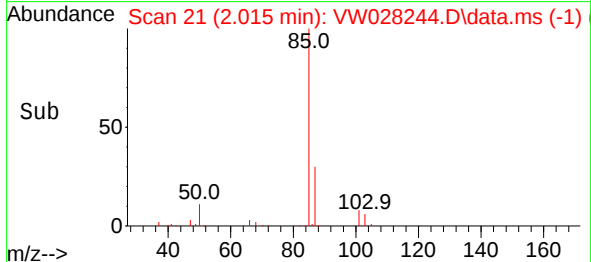
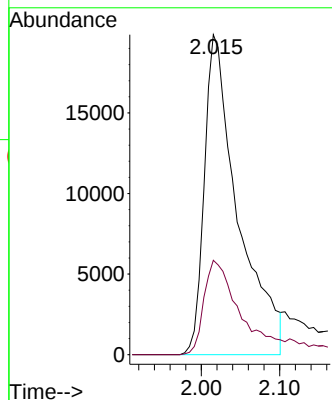
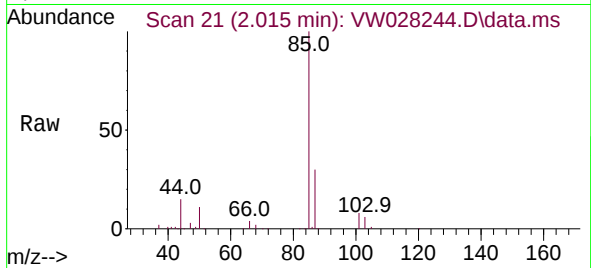




#2
Dichlorodifluoromethane
Concen: 19.772 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

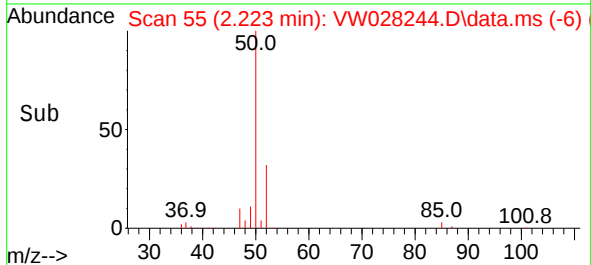
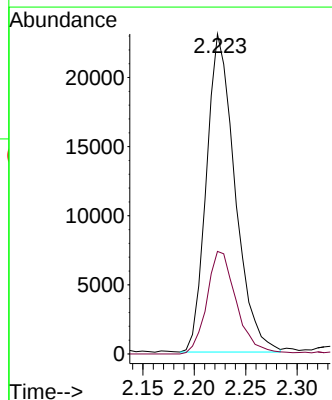
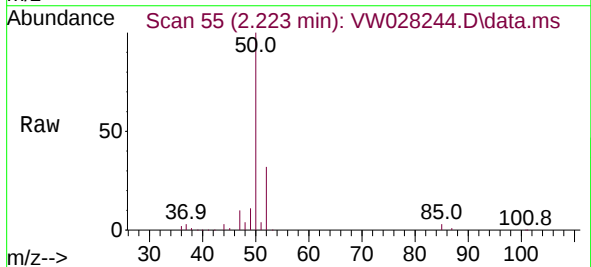
Instrument :
MSVOA_W
ClientSampleId :

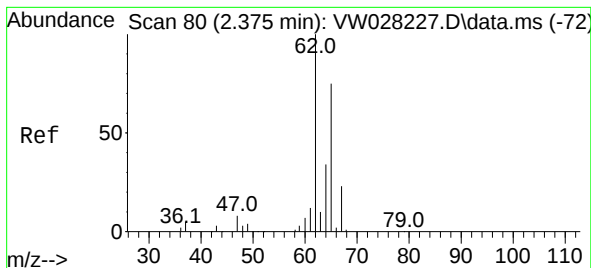
Tgt Ion: 85 Resp: 59080
Ion Ratio Lower Upper
85 100
87 27.0 20.9 31.3



#3
Chloromethane
Concen: 21.037 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion: 50 Resp: 44584
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1





#5

Vinyl chloride

Concen: 23.807 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

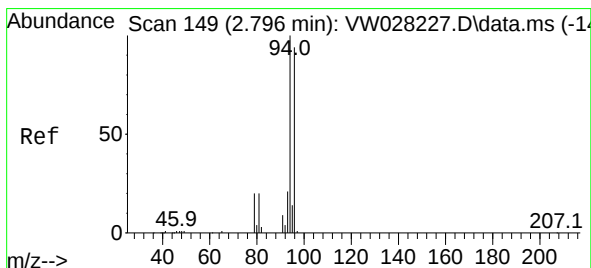
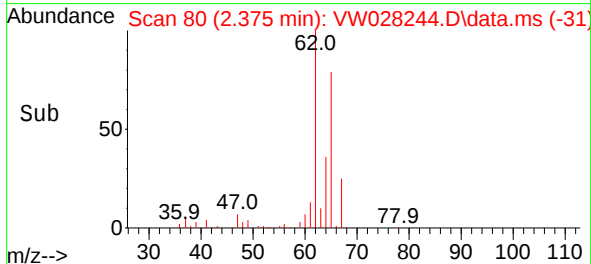
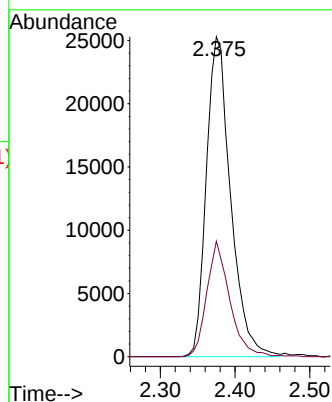
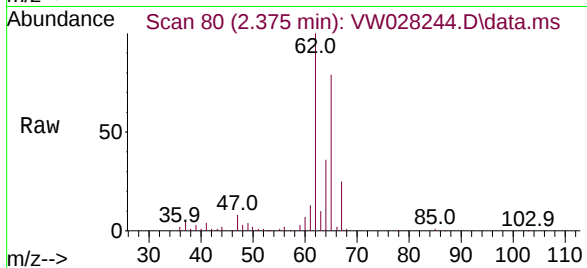
ClientSampleId :

Tgt Ion: 62 Resp: 57034

Ion Ratio Lower Upper

62 100

64 36.1 22.5 41.7



#6

Bromomethane

Concen: 24.834 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW028244.D

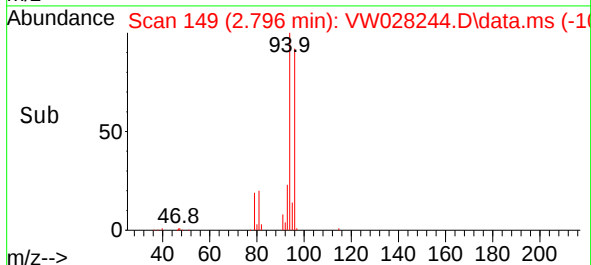
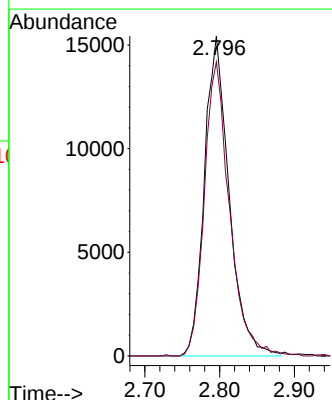
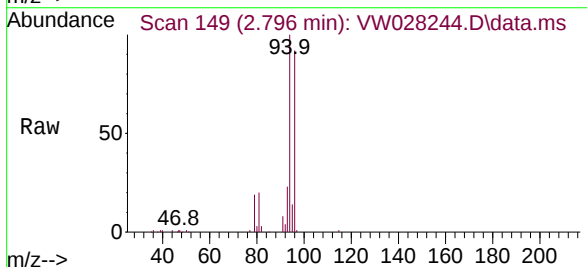
Acq: 27 Mar 2024 09:23

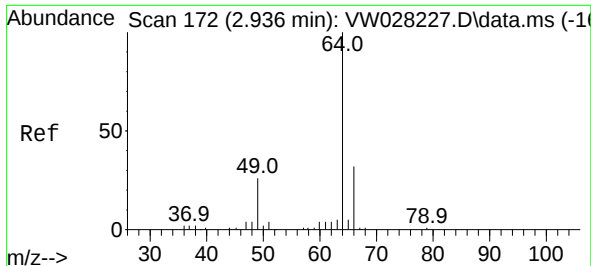
Tgt Ion: 94 Resp: 35431

Ion Ratio Lower Upper

94 100

96 91.9 60.8 113.0

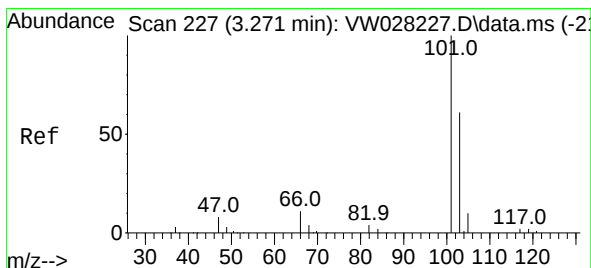
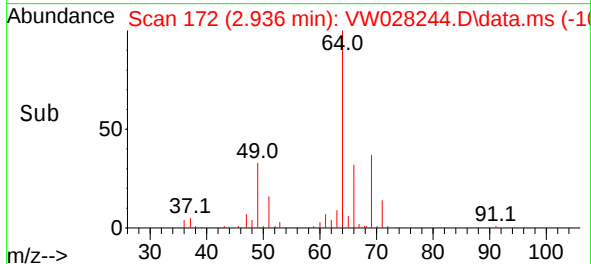
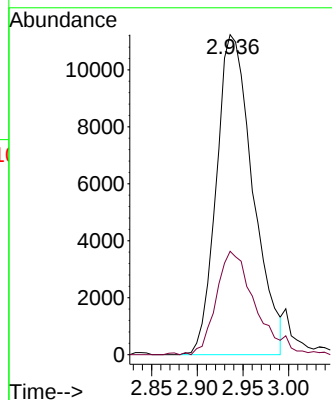
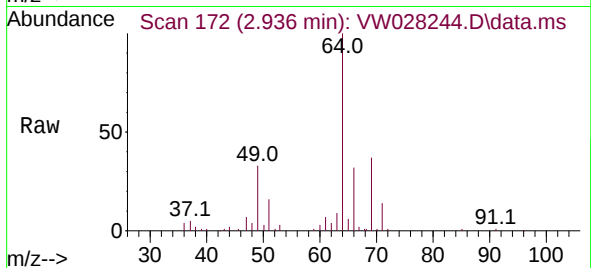




#8
Chloroethane
Concen: 24.282 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

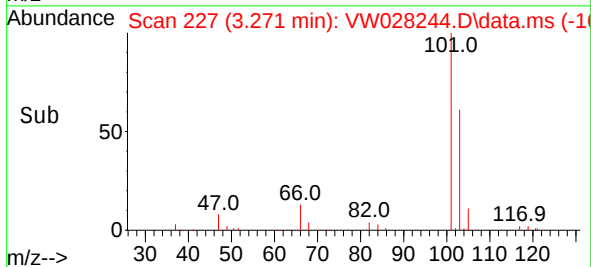
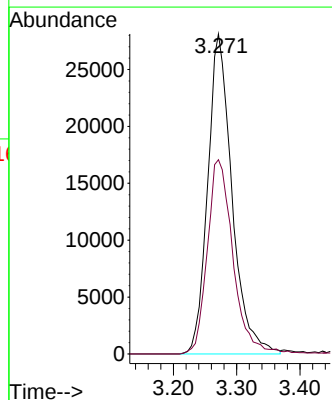
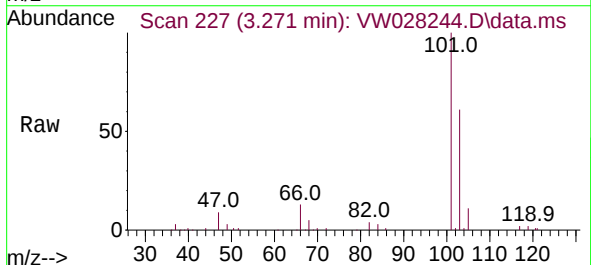
Instrument :
MSVOA_W
ClientSampleId :

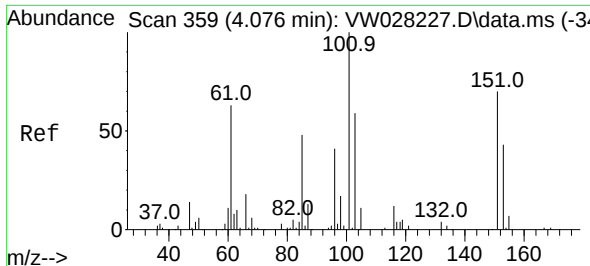
Tgt Ion: 64 Resp: 31266
Ion Ratio Lower Upper
64 100
66 32.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.854 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion:101 Resp: 74884
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3





#10

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

Concen: 25.937 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

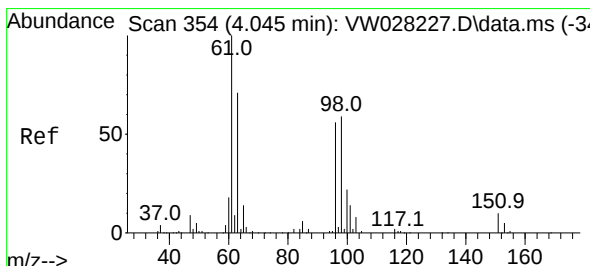
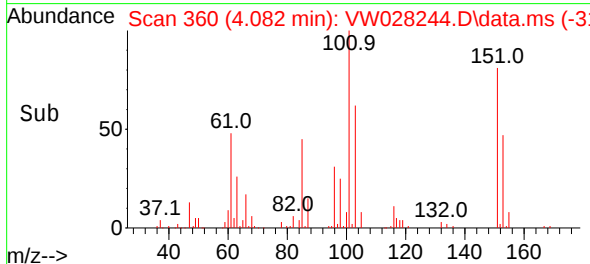
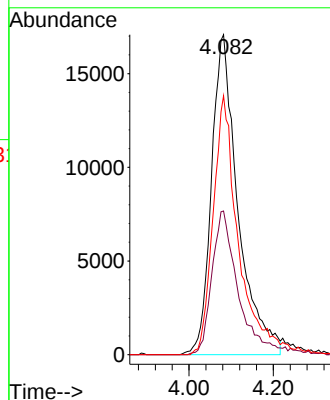
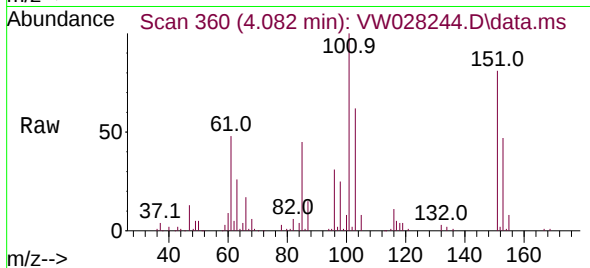
Tgt Ion:101 Resp: 74631

Ion Ratio Lower Upper

101 100

85 39.5 36.4 54.6

151 73.3 58.4 87.6



#12

1,1-Dichloroethene

Concen: 25.766 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

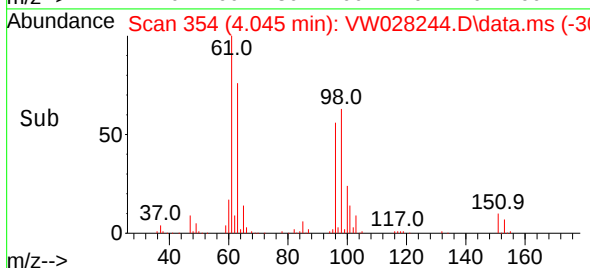
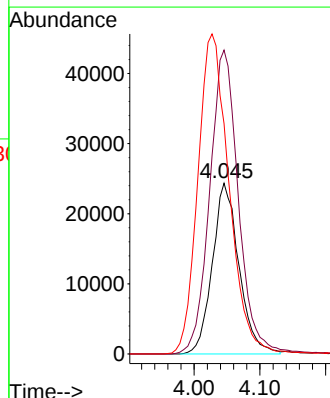
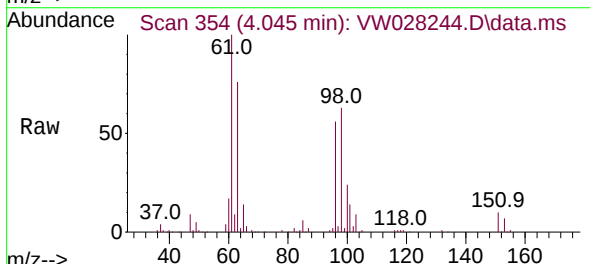
Tgt Ion: 96 Resp: 68536

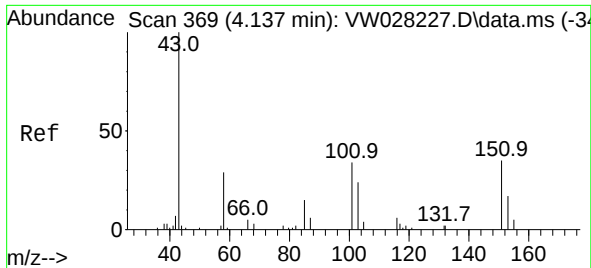
Ion Ratio Lower Upper

96 100

61 177.9 132.2 245.4

63 134.9 104.6 194.2

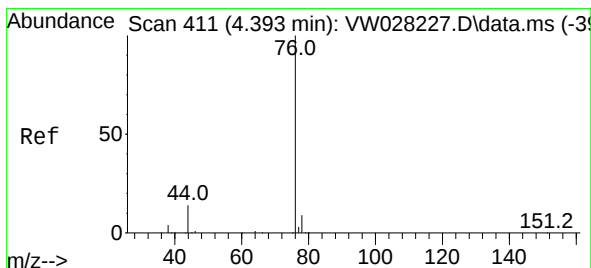
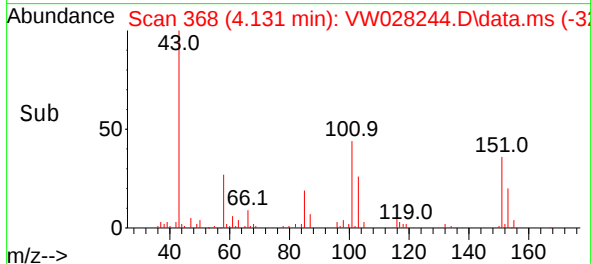
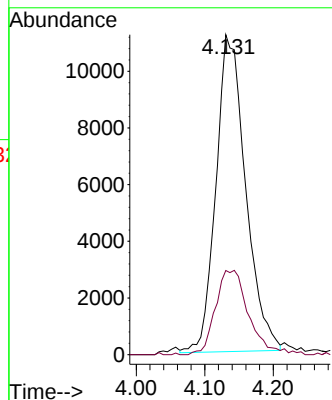
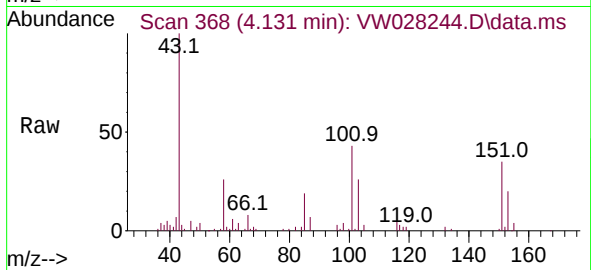




#13
Acetone
Concen: 42.576 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.012 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

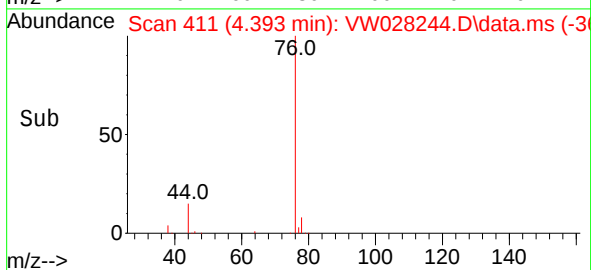
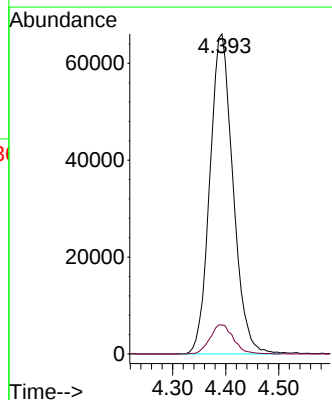
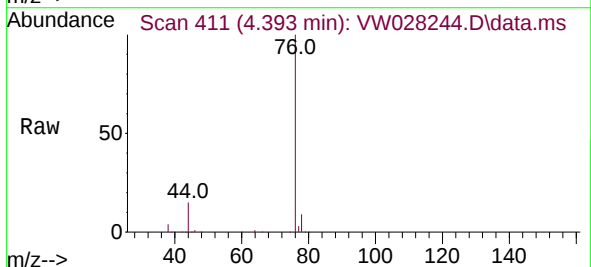
Instrument :
MSVOA_W
ClientSampleId :

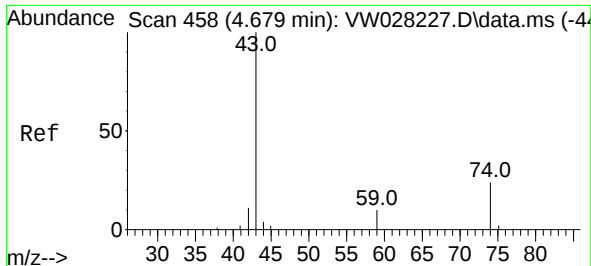
Tgt Ion: 43 Resp: 33603
Ion Ratio Lower Upper
43 100
58 28.8 0.0 57.8



#14
Carbon disulfide
Concen: 24.174 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion: 76 Resp: 200552
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 22.827 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

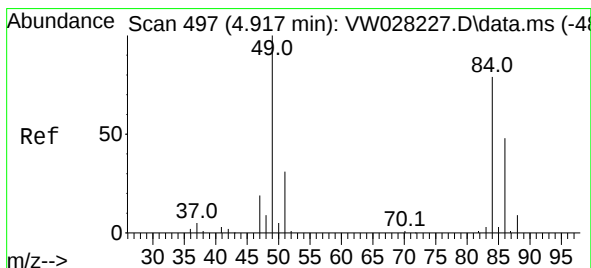
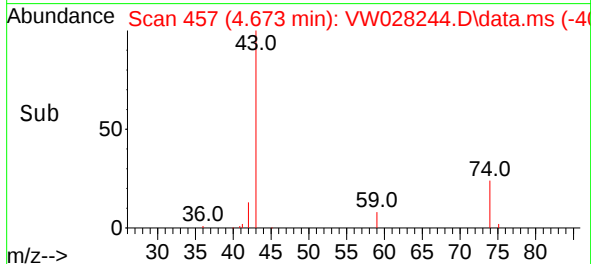
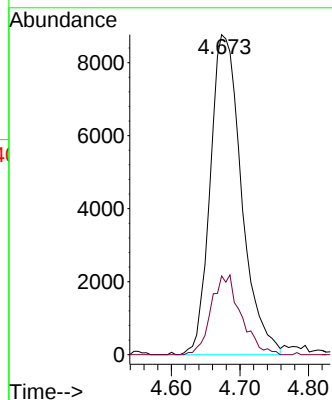
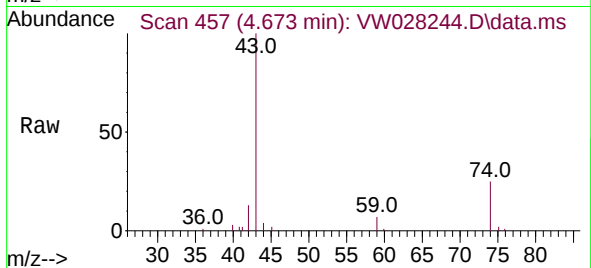
ClientSampleId :

Tgt Ion: 43 Resp: 27751

Ion Ratio Lower Upper

43 100

74 23.3 18.2 27.2



#16

Methylene chloride

Concen: 22.816 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

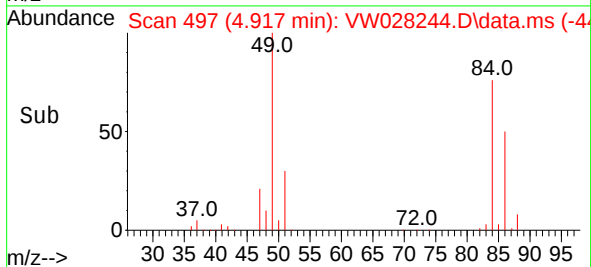
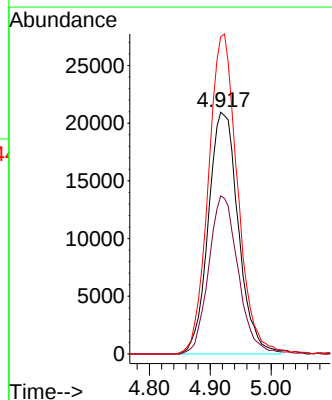
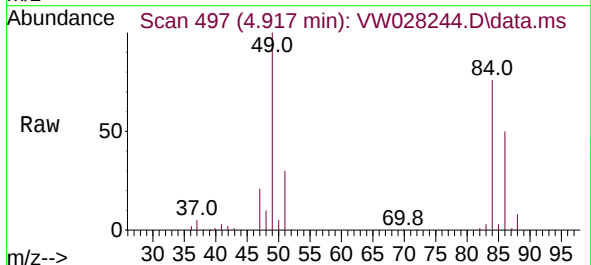
Tgt Ion: 84 Resp: 71531

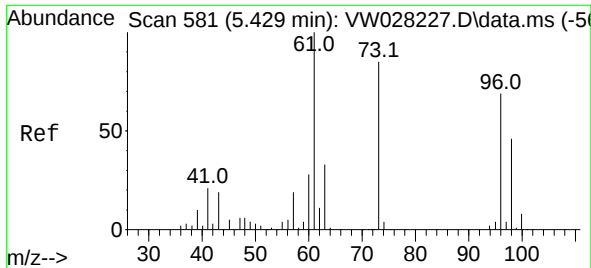
Ion Ratio Lower Upper

84 100

86 65.4 43.1 80.1

49 131.2 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 25.650 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

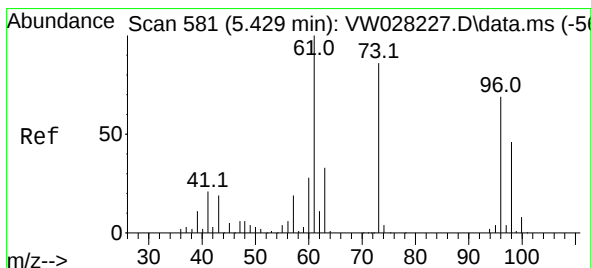
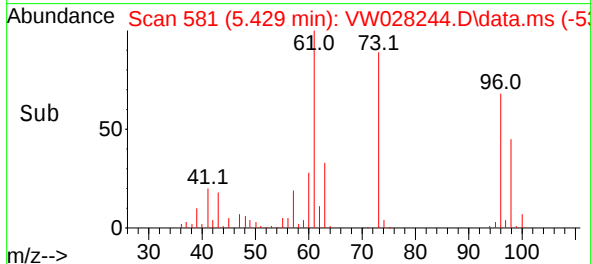
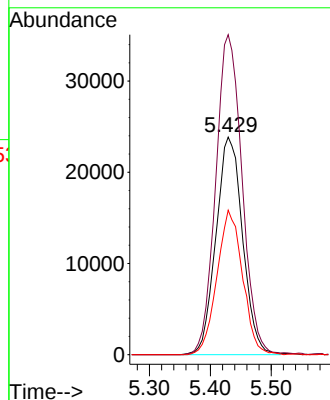
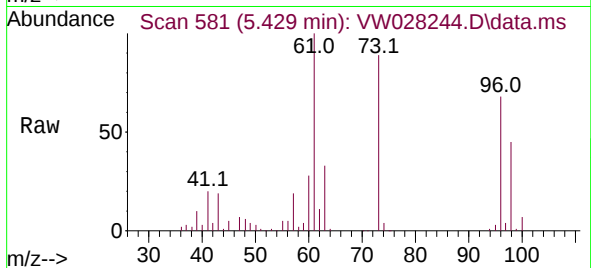
Tgt Ion: 96 Resp: 72507

Ion Ratio Lower Upper

96 100

61 147.0 98.4 182.8

98 66.4 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 25.762 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

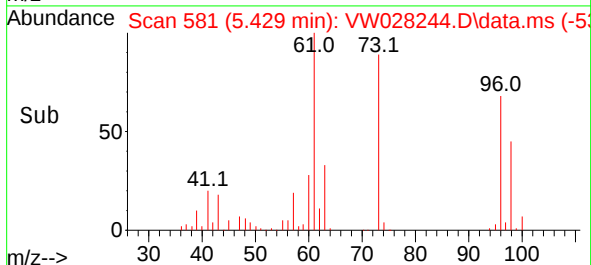
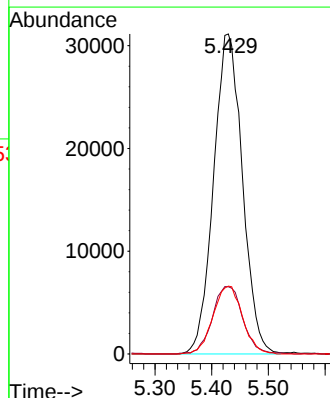
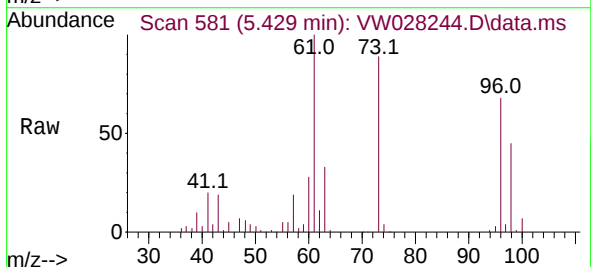
Tgt Ion: 73 Resp: 109873

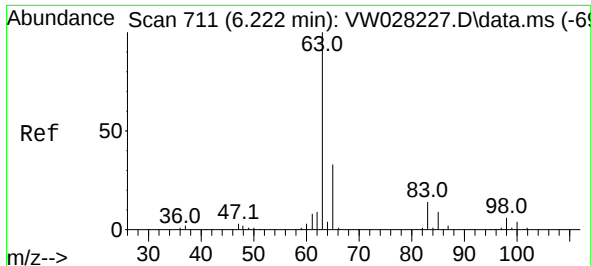
Ion Ratio Lower Upper

73 100

43 22.2 18.2 27.4

57 21.6 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.903 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

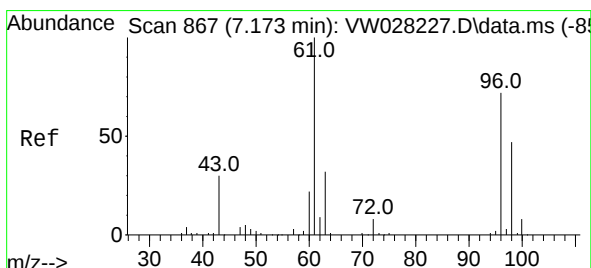
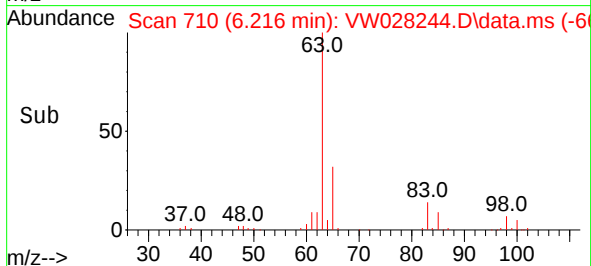
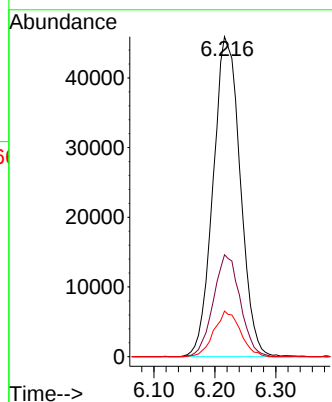
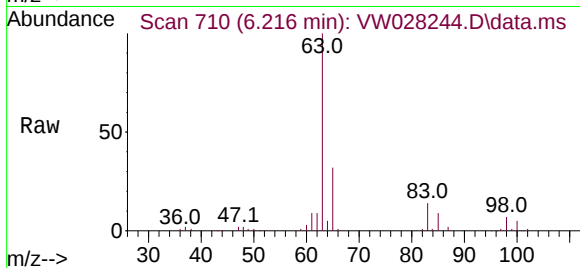
Tgt Ion: 63 Resp: 141755

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 14.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 26.152 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

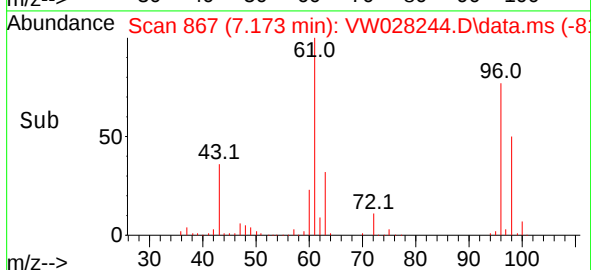
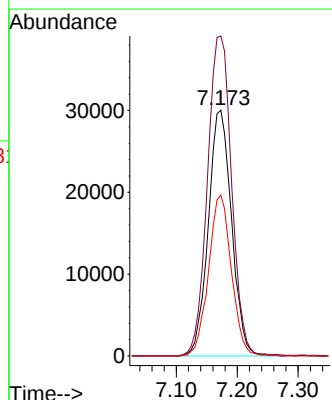
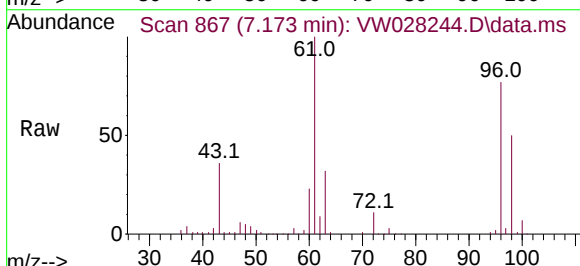
Tgt Ion: 96 Resp: 79840

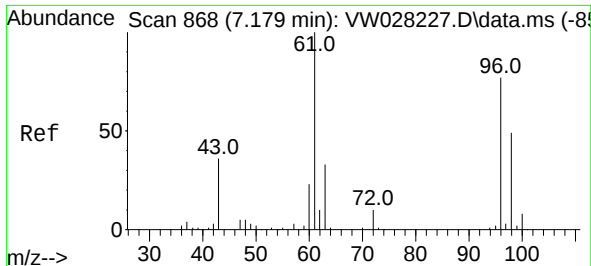
Ion Ratio Lower Upper

96 100

61 130.2 95.7 177.7

98 65.4 43.9 81.5





#22

2-Butanone

Concen: 45.246 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

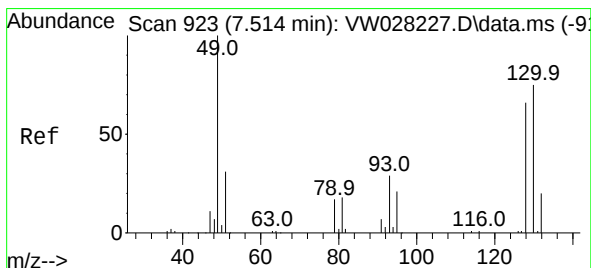
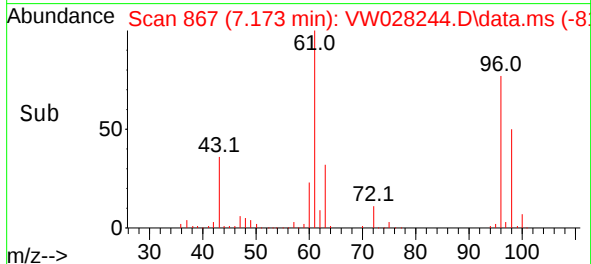
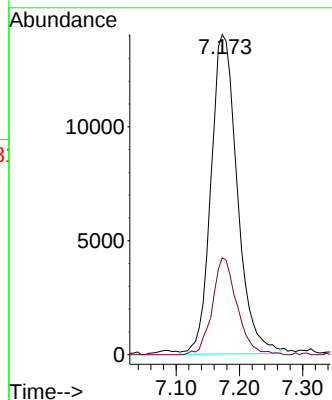
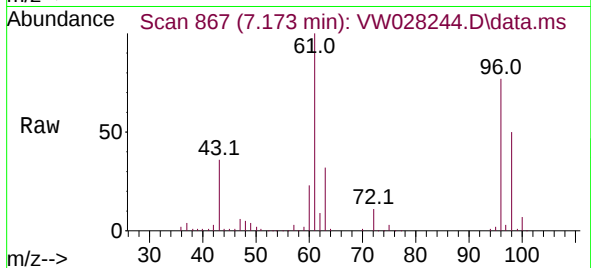
ClientSampleId :

Tgt Ion: 43 Resp: 40545

Ion Ratio Lower Upper

43 100

72 27.1 12.8 38.4



#23

Bromochloromethane

Concen: 25.544 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Tgt Ion:128 Resp: 34476

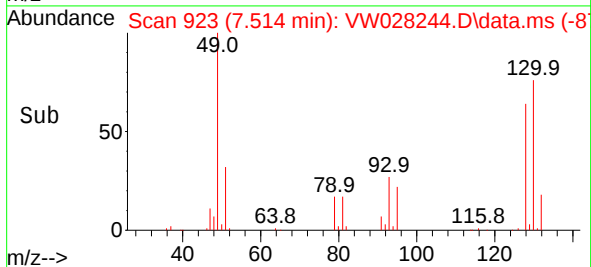
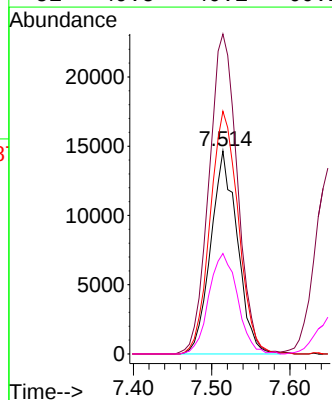
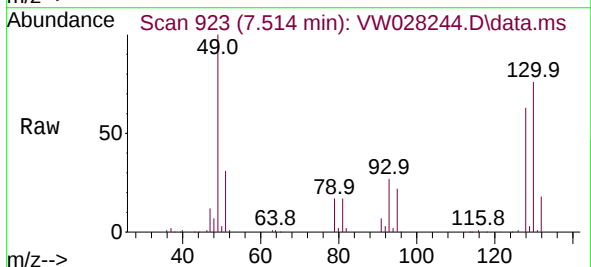
Ion Ratio Lower Upper

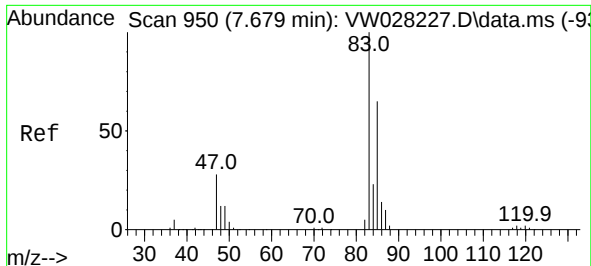
128 100

49 157.6 116.6 216.6

130 119.5 80.1 148.7

51 49.5 40.1 60.1





#25

Chloroform

Concen: 26.199 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

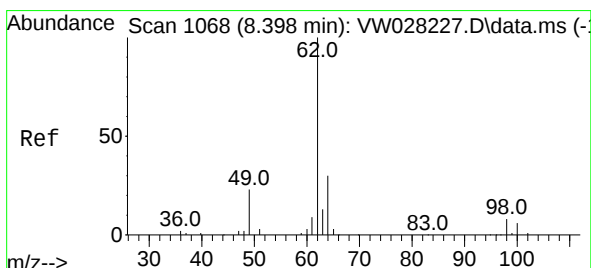
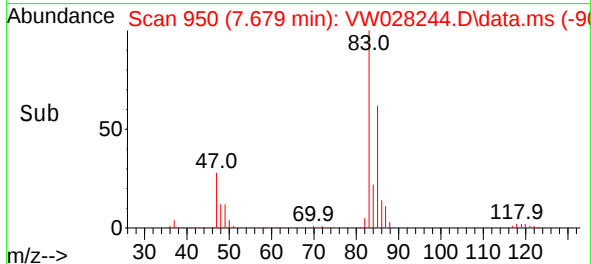
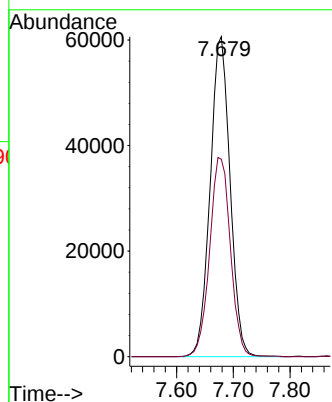
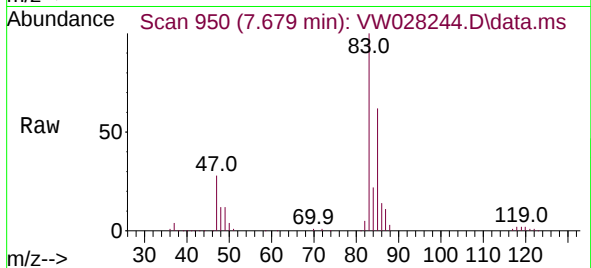
ClientSampleId :

Tgt Ion: 83 Resp: 147603

Ion Ratio Lower Upper

83 100

85 61.7 44.5 82.7



#27

1,2-Dichloroethane

Concen: 24.131 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028244.D

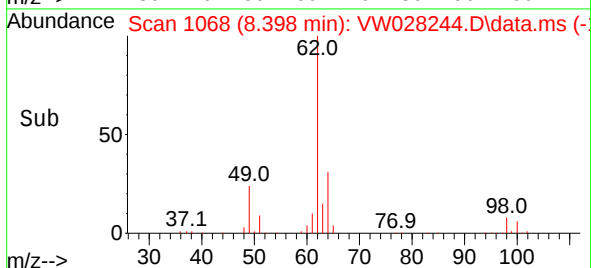
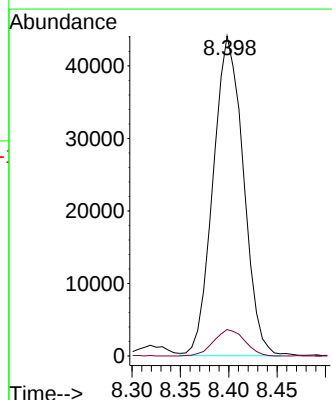
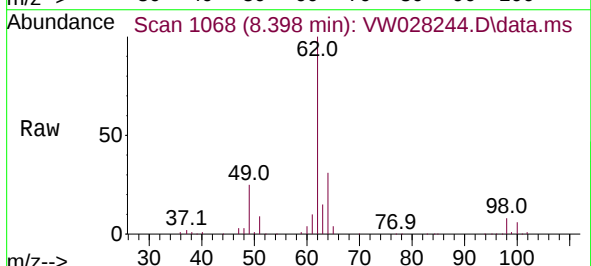
Acq: 27 Mar 2024 09:23

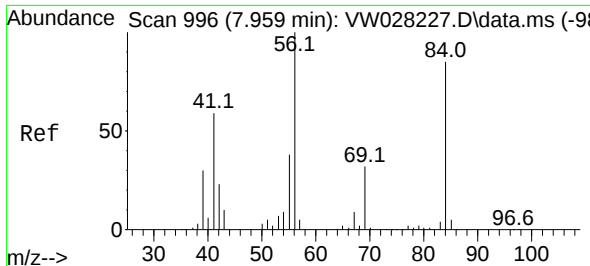
Tgt Ion: 62 Resp: 96009

Ion Ratio Lower Upper

62 100

98 8.2 5.9 8.9





#29

Cyclohexane

Concen: 25.325 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

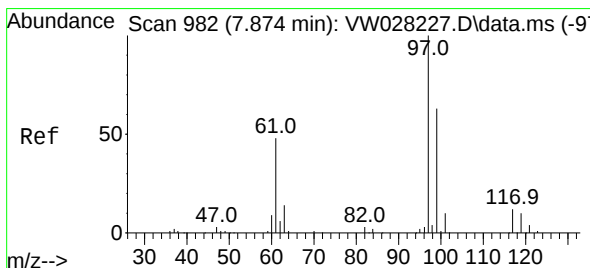
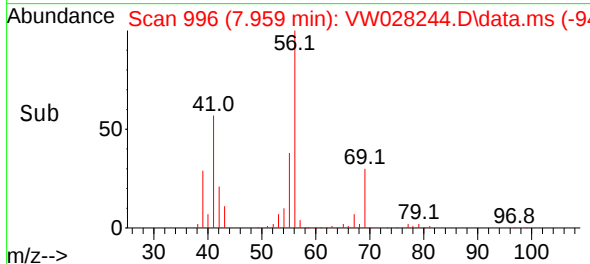
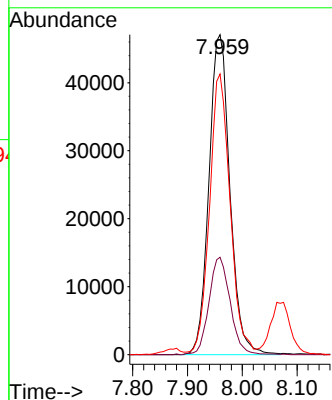
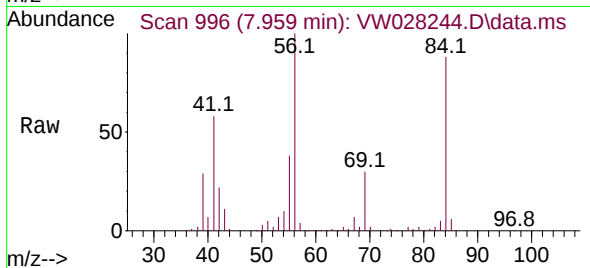
Tgt Ion: 56 Resp: 125207

Ion Ratio Lower Upper

56 100

69 30.6 24.0 36.0

84 85.9 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 25.981 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

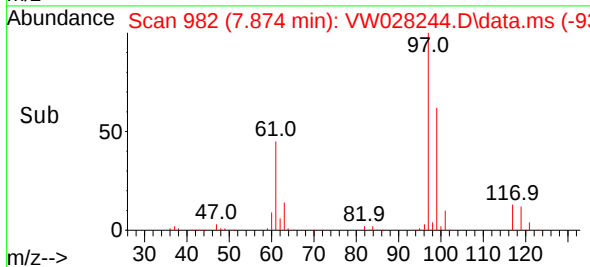
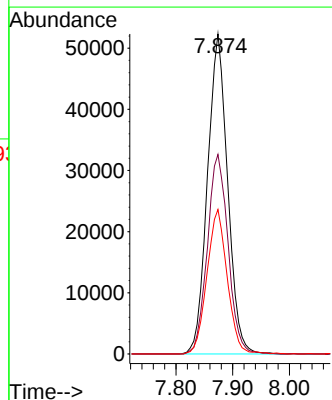
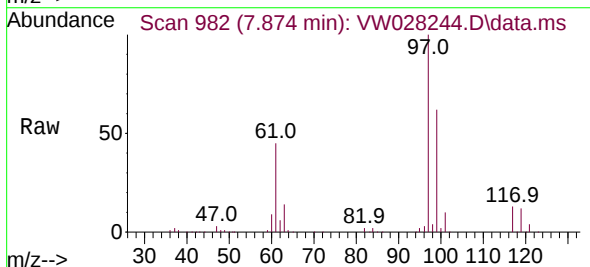
Tgt Ion: 97 Resp: 129095

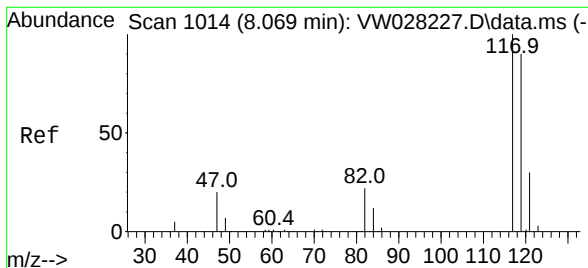
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.2 37.0 55.6





#31

Carbon tetrachloride

Concen: 25.553 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

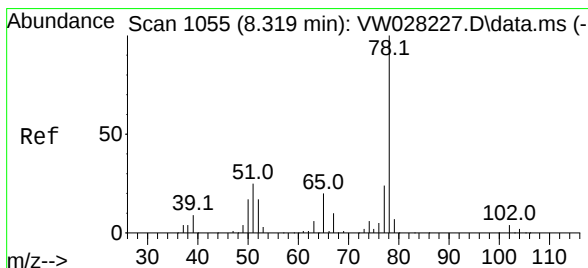
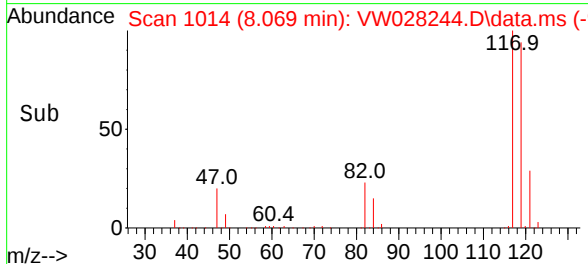
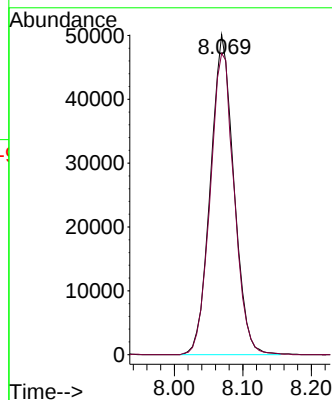
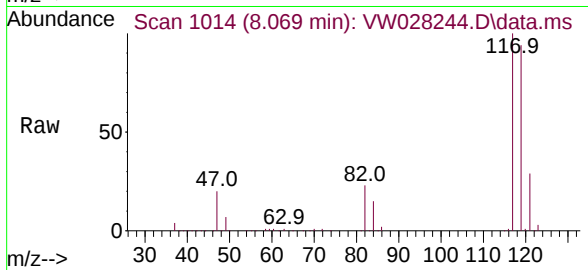
ClientSampleId :

Tgt Ion:117 Resp: 119093

Ion Ratio Lower Upper

117 100

119 96.5 78.2 117.4



#33

Benzene

Concen: 25.922 ug/L

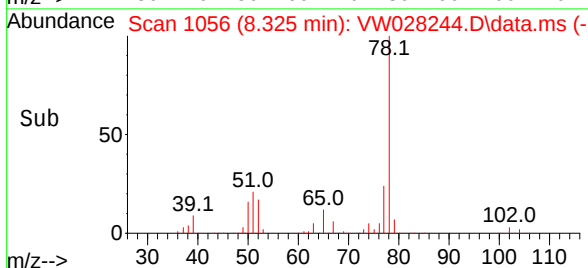
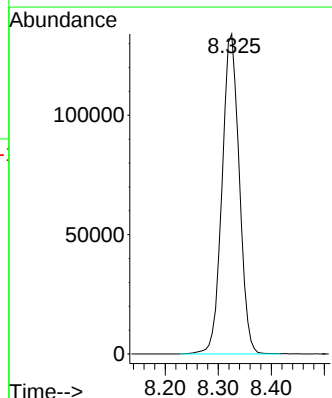
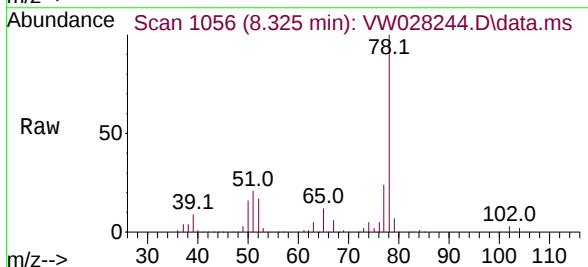
RT: 8.325 min Scan# 1056

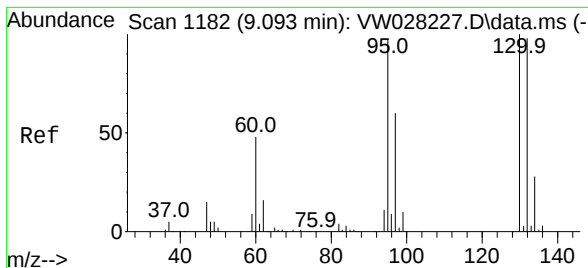
Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Tgt Ion: 78 Resp: 302357





#34

Trichloroethene

Concen: 25.838 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 84082

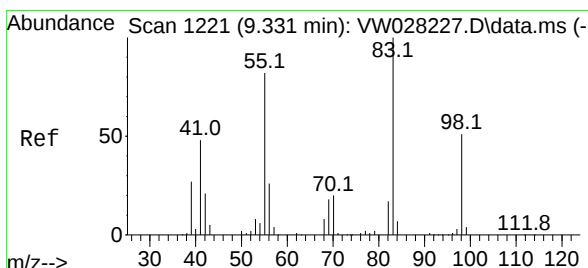
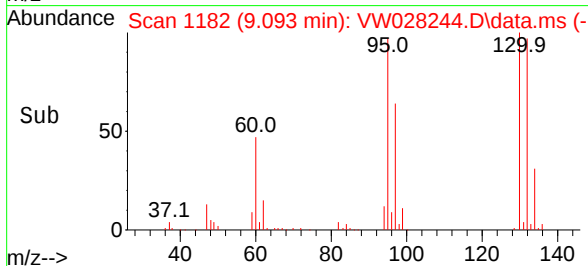
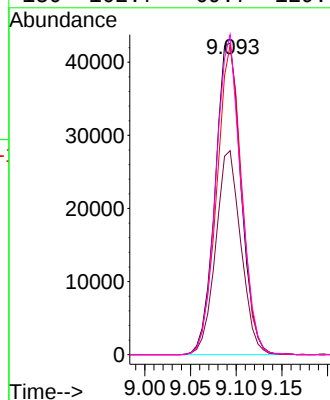
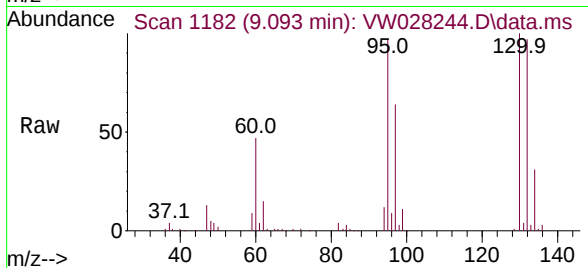
Ion Ratio Lower Upper

95 100

97 65.4 42.4 78.6

132 99.2 69.4 128.8

130 102.7 69.7 129.4



#35

Methylcyclohexane

Concen: 25.154 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

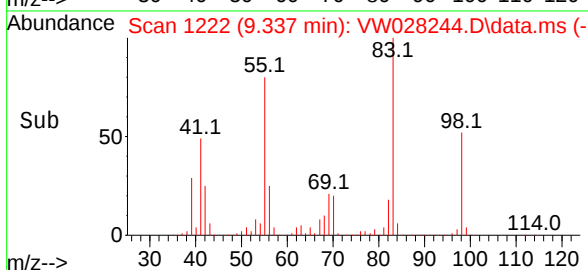
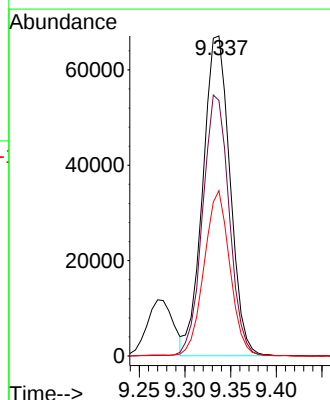
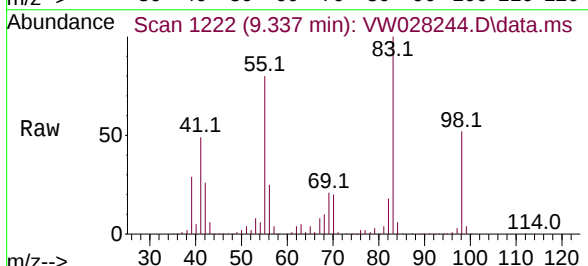
Tgt Ion: 83 Resp: 138361

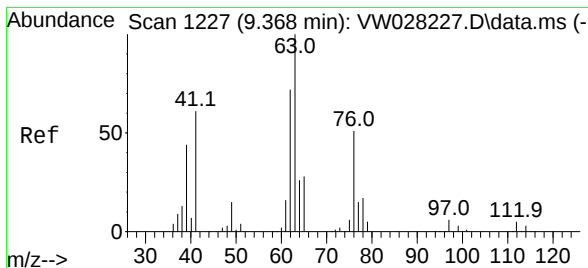
Ion Ratio Lower Upper

83 100

55 79.9 64.2 96.4

98 49.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.012 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

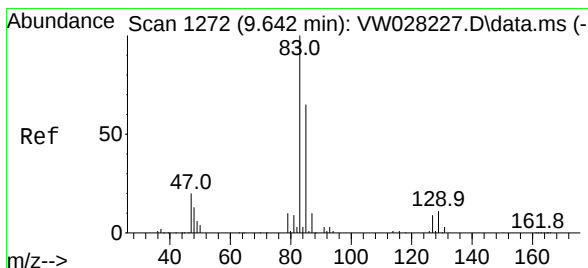
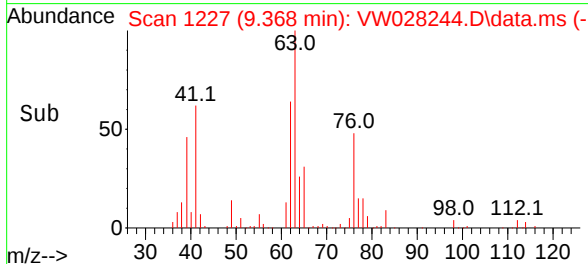
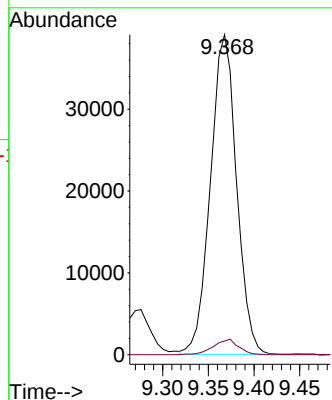
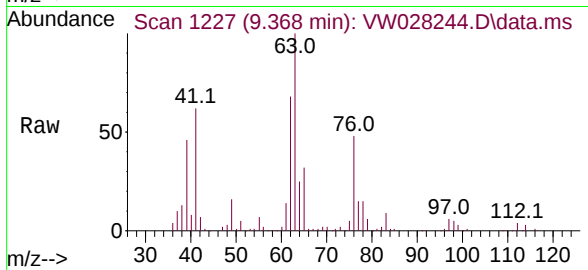
ClientSampleId :

Tgt Ion: 63 Resp: 77605

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 25.652 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

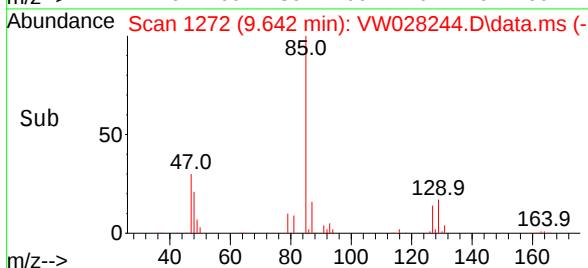
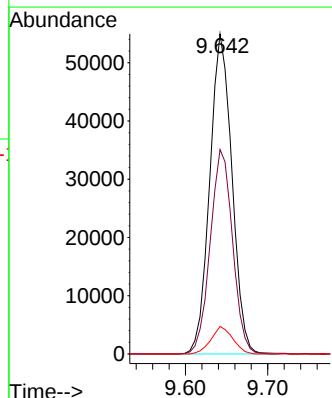
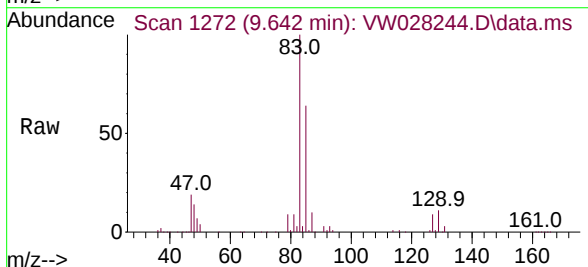
Tgt Ion: 83 Resp: 103182

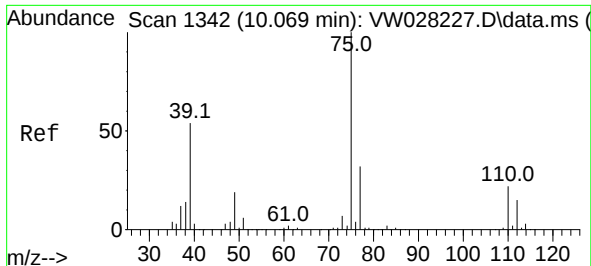
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 26.186 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

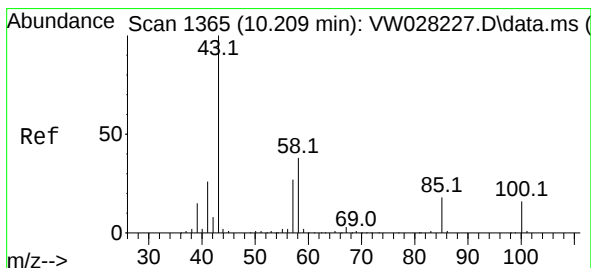
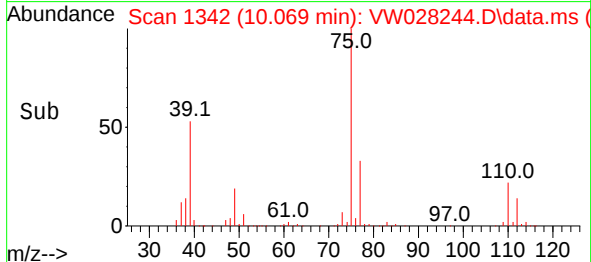
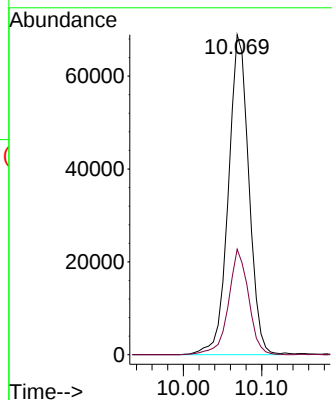
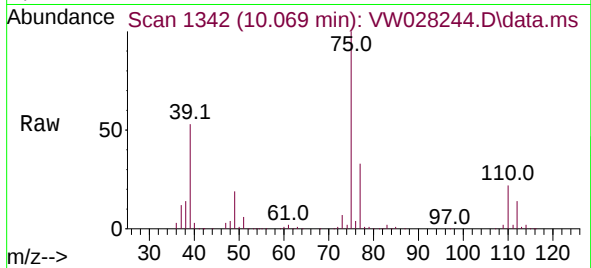
ClientSampleId :

Tgt Ion: 75 Resp: 125113

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 47.798 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

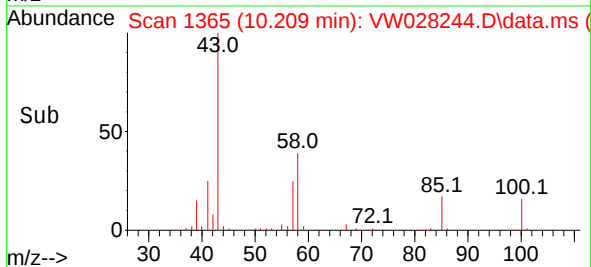
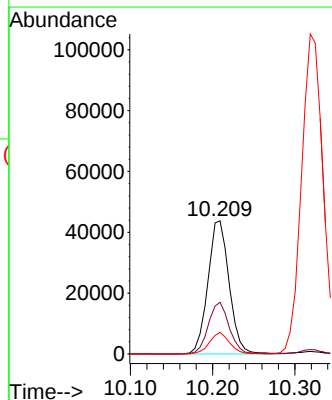
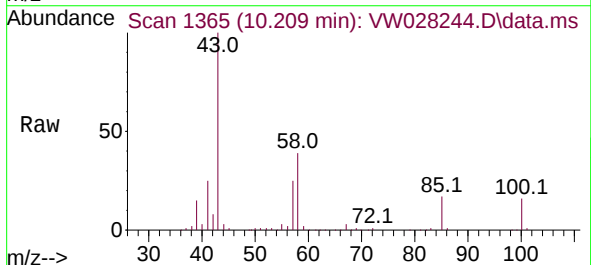
Tgt Ion: 43 Resp: 78714

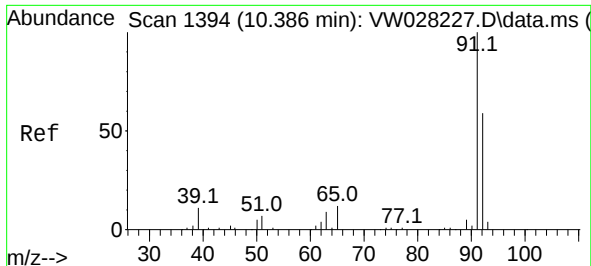
Ion Ratio Lower Upper

43 100

58 38.1 30.1 45.1

100 15.3 11.8 17.8





#42

Toluene

Concen: 25.952 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

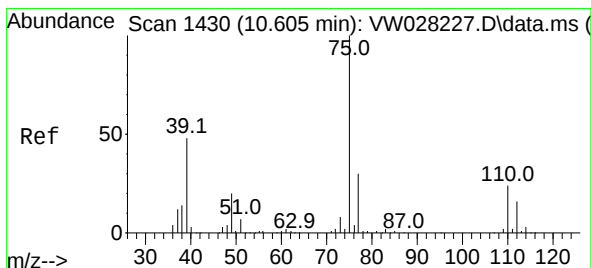
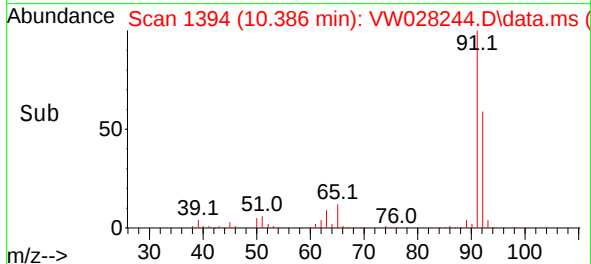
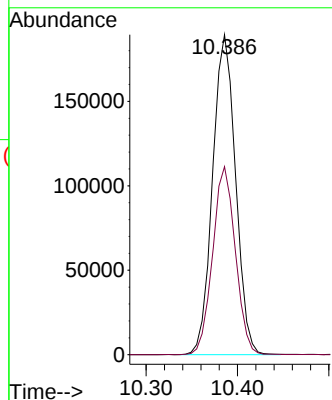
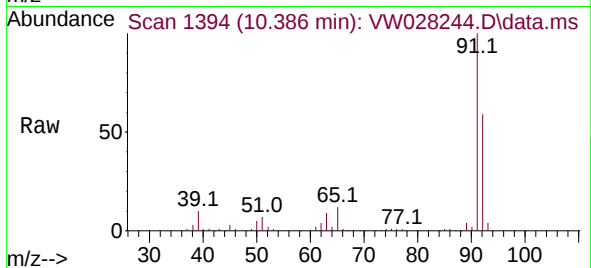
ClientSampleId :

Tgt Ion: 91 Resp: 330368

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.996 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028244.D

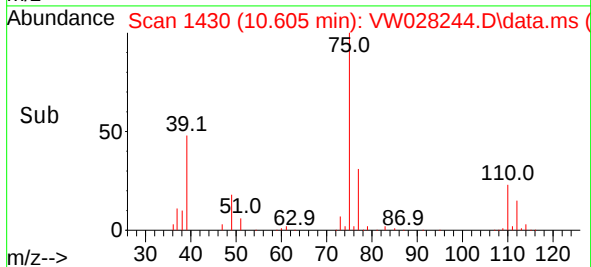
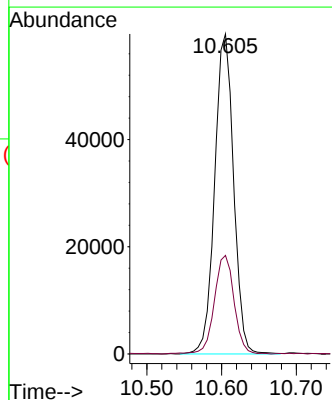
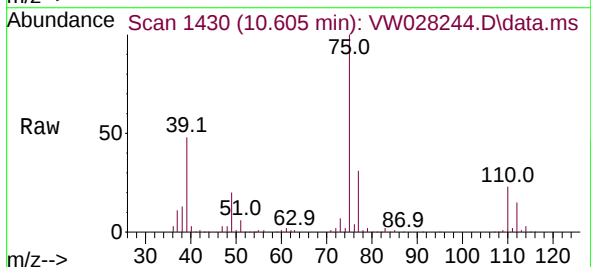
Acq: 27 Mar 2024 09:23

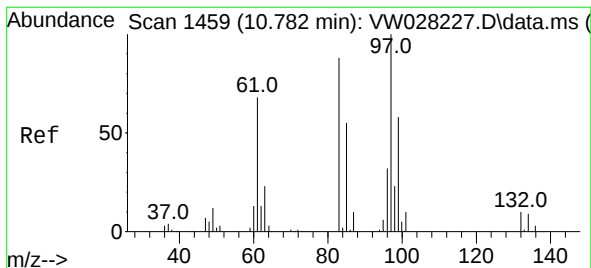
Tgt Ion: 75 Resp: 104865

Ion Ratio Lower Upper

75 100

77 30.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 25.626 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 55239

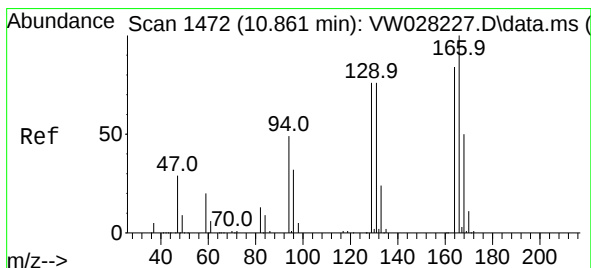
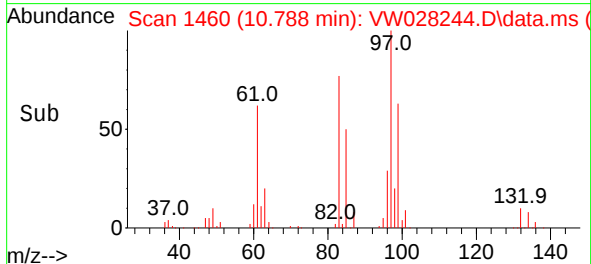
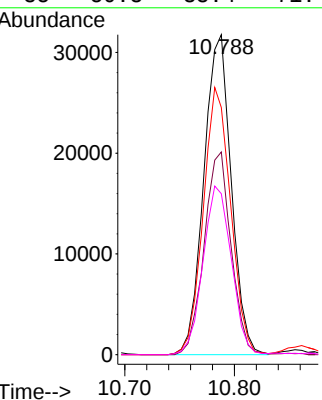
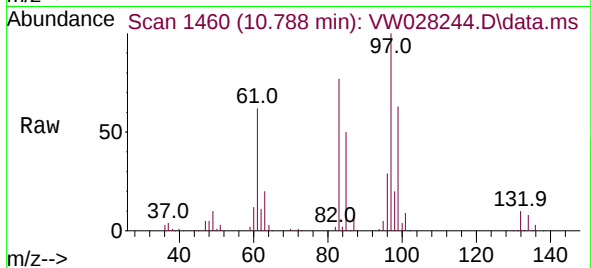
Ion Ratio Lower Upper

97 100

99 63.4 43.4 80.6

83 77.2 59.4 110.4

85 50.3 38.4 71.4



#46

Tetrachloroethene

Concen: 25.499 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Tgt Ion:164 Resp: 66887

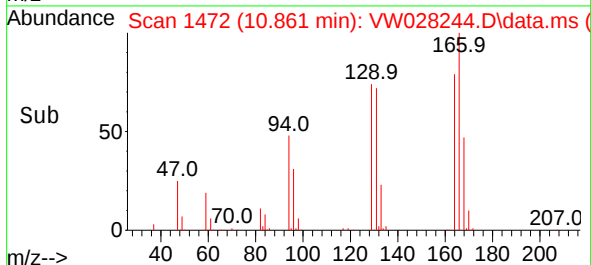
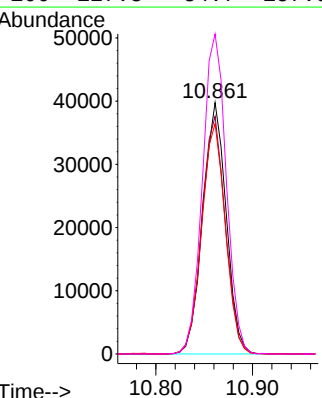
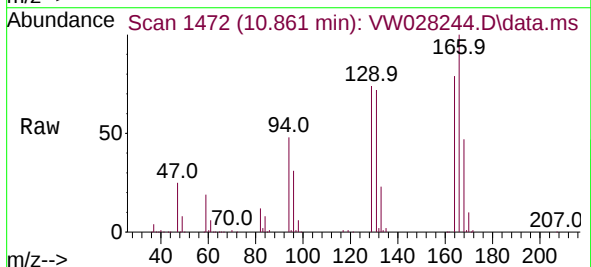
Ion Ratio Lower Upper

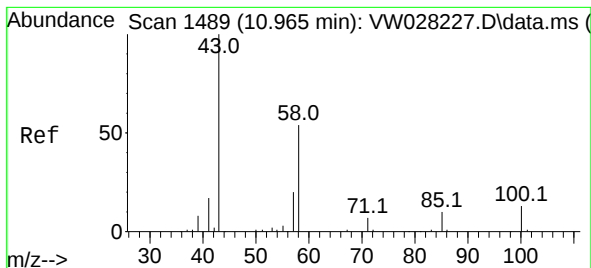
164 100

129 94.5 64.0 119.0

131 91.6 62.6 116.3

166 127.3 84.7 157.3

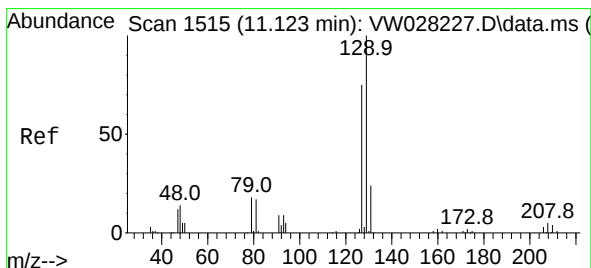
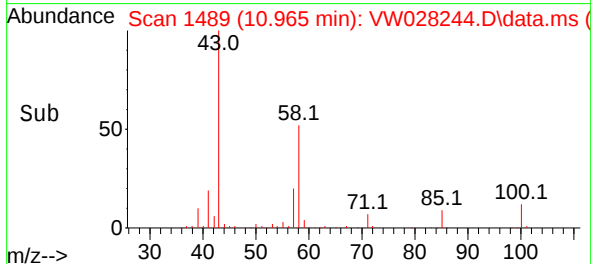
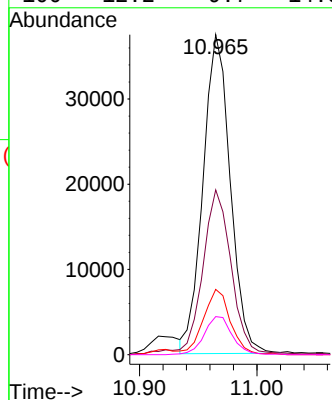
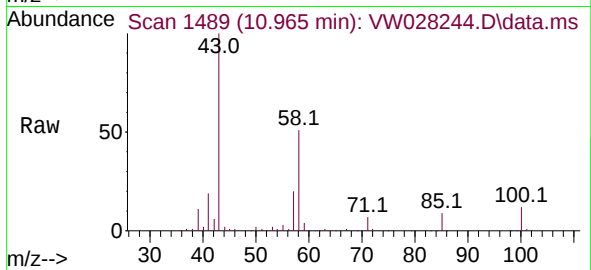




#48
2-Hexanone
Concen: 46.876 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

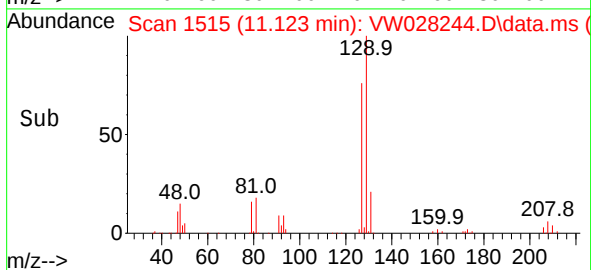
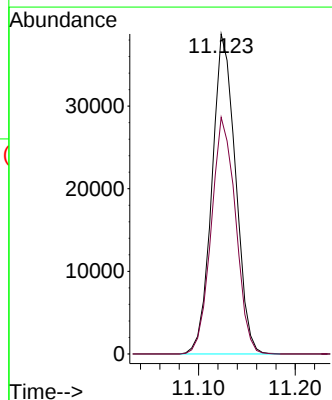
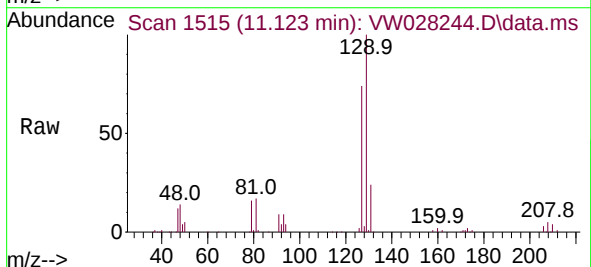
Instrument :
MSVOA_W
ClientSampleId :

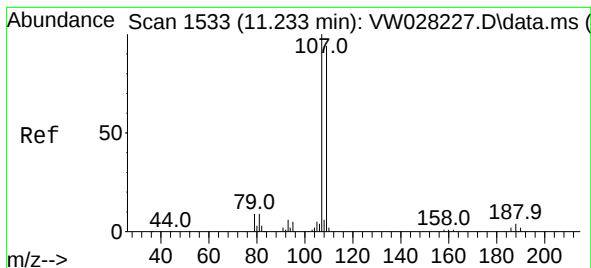
Tgt Ion:	43	Resp:	60471
Ion Ratio	Lower	Upper	
43	100		
58	53.8	40.6	61.0
57	20.2	15.7	23.5
100	12.2	9.7	14.5



#49
Dibromochloromethane
Concen: 25.678 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion:	129	Resp:	65553
Ion Ratio	Lower	Upper	
129	100		
127	73.9	53.1	98.7





#50

1,2-Dibromoethane

Concen: 24.183 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028244.D

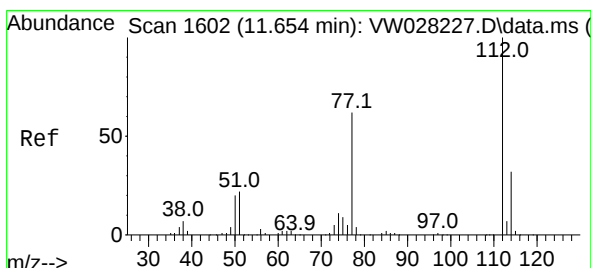
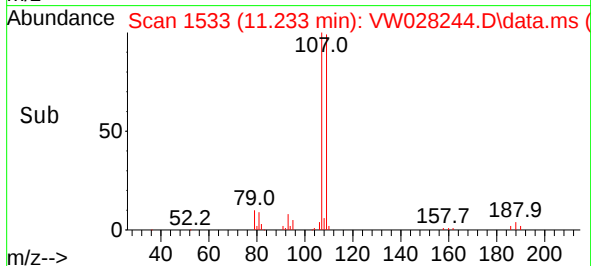
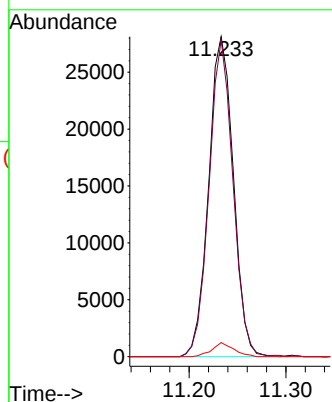
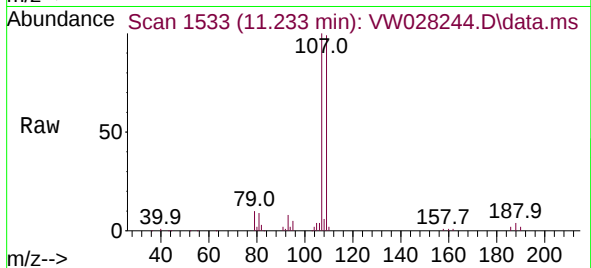
Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	49843
Ion Ratio	Lower	Upper	
107	100		
109	98.9	64.4	119.6
188	4.4	3.4	5.2



#51

Chlorobenzene

Concen: 26.436 ug/L

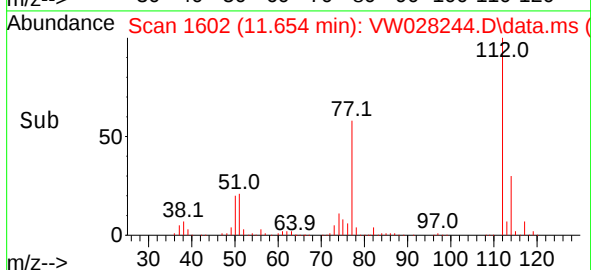
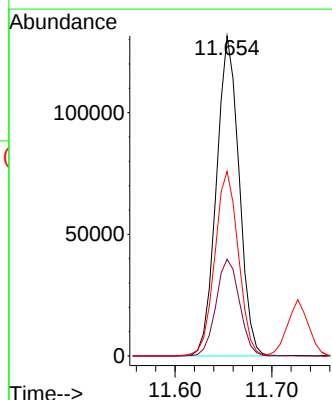
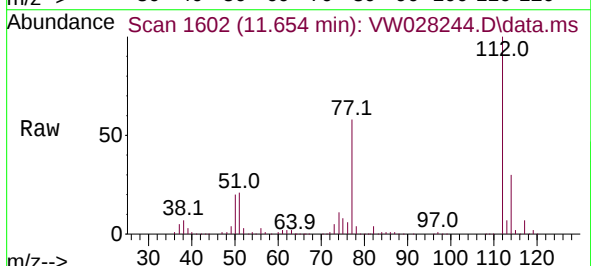
RT: 11.654 min Scan# 1602

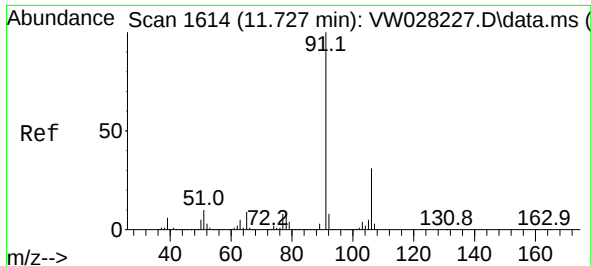
Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Tgt Ion:	112	Resp:	213607
Ion Ratio	Lower	Upper	
112	100		
114	30.3	21.8	40.6
77	57.7	50.6	76.0





#52

Ethylbenzene

Concen: 25.813 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

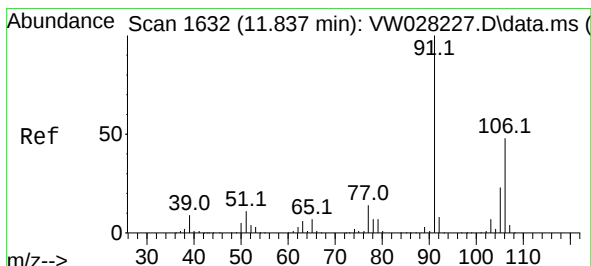
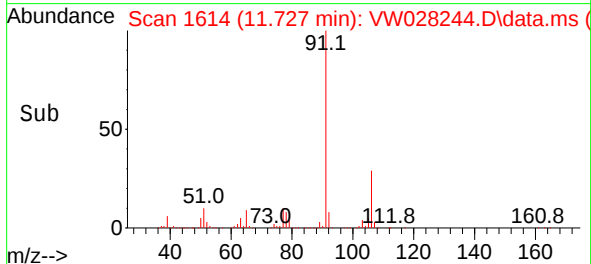
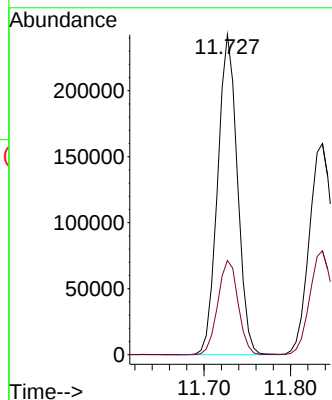
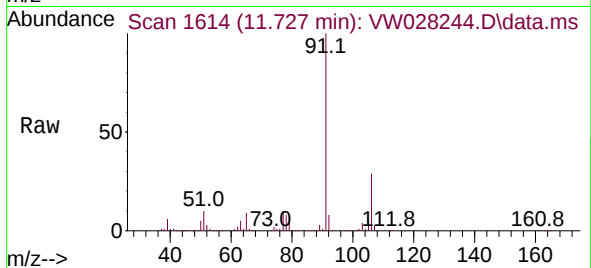
ClientSampleId :

Tgt Ion: 91 Resp: 383600

Ion Ratio Lower Upper

91 100

106 29.5 21.3 39.5



#53

m,p-Xylene

Concen: 26.274 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028244.D

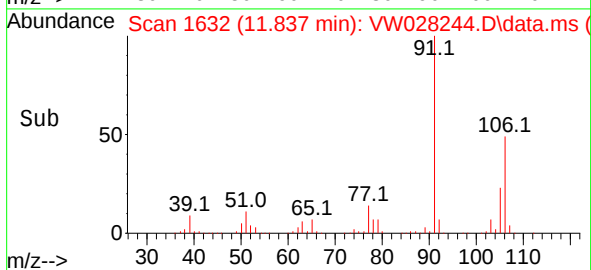
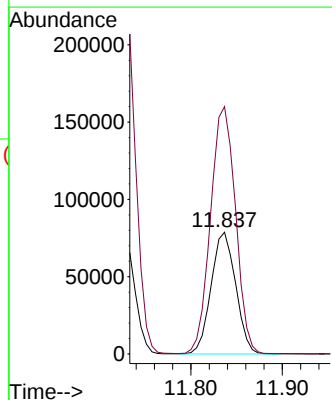
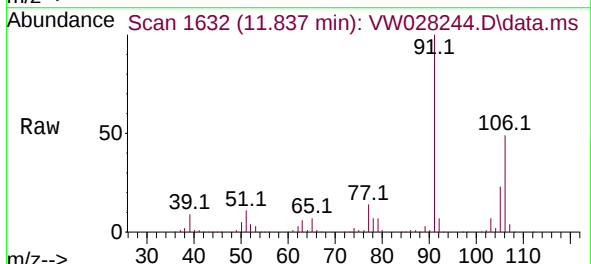
Acq: 27 Mar 2024 09:23

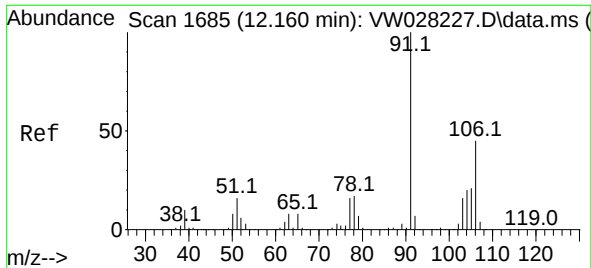
Tgt Ion:106 Resp: 146927

Ion Ratio Lower Upper

106 100

91 203.2 147.1 273.1

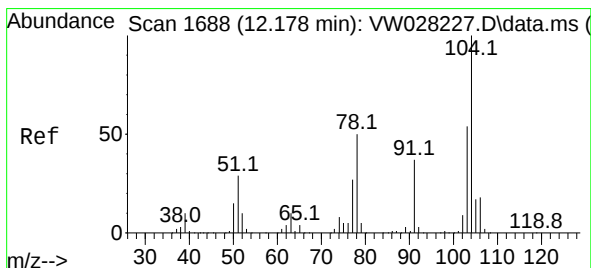
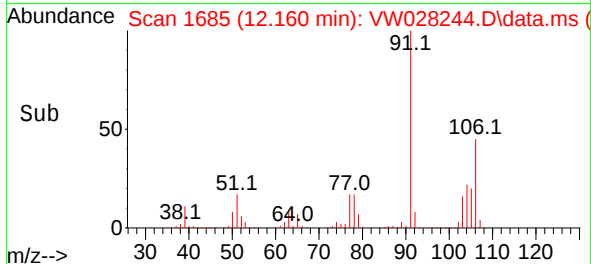
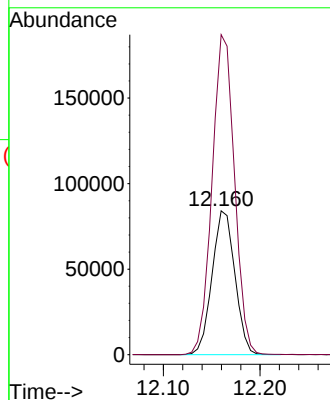
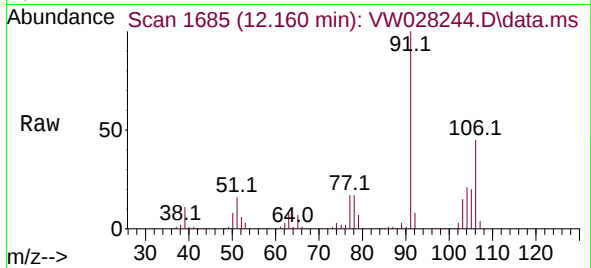




#54
o-Xylene
Concen: 26.608 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

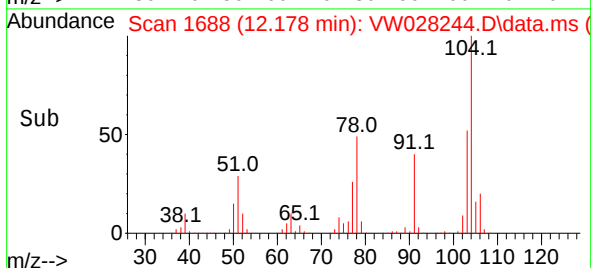
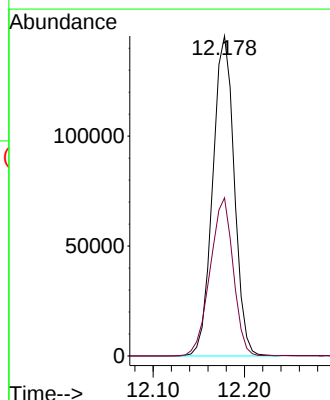
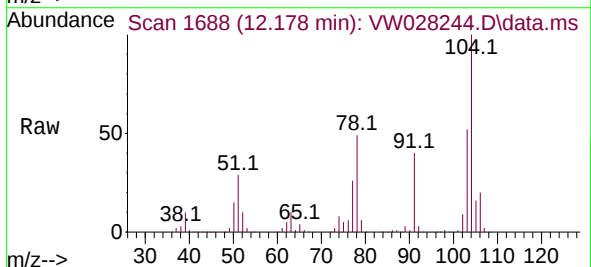
Instrument :
MSVOA_W
ClientSampleId :

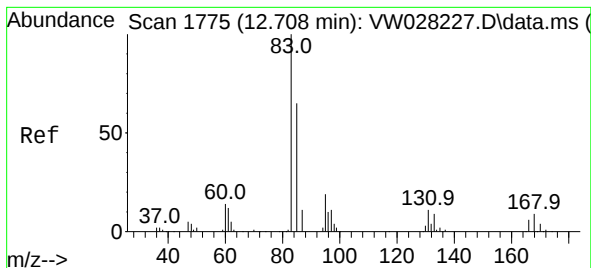
Tgt Ion:106 Resp: 137983
Ion Ratio Lower Upper
106 100
91 222.5 149.2 277.2



#55
Styrene
Concen: 26.741 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion:104 Resp: 238199
Ion Ratio Lower Upper
104 100
78 49.4 33.2 61.7

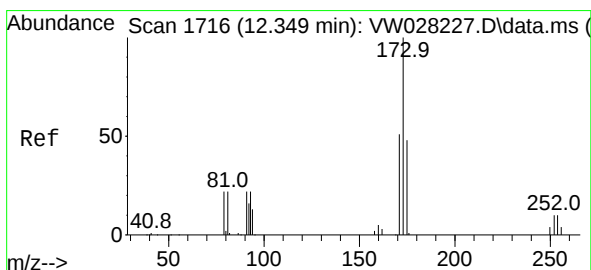
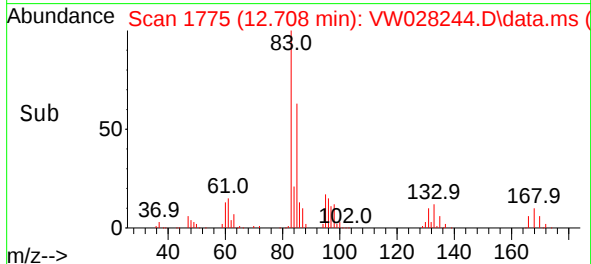
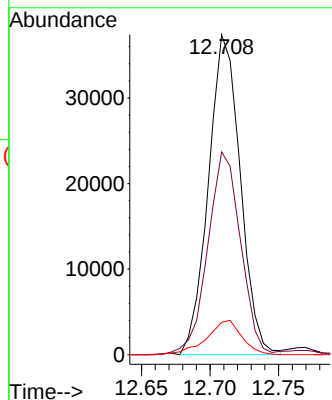
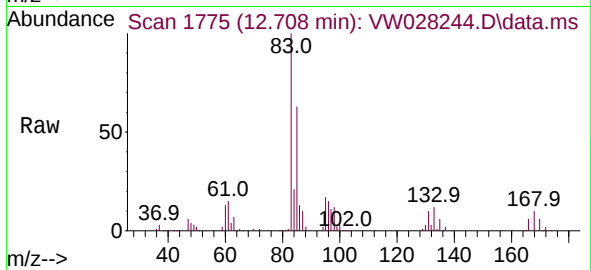




#57
1,1,2,2-Tetrachloroethane
Concen: 24.555 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

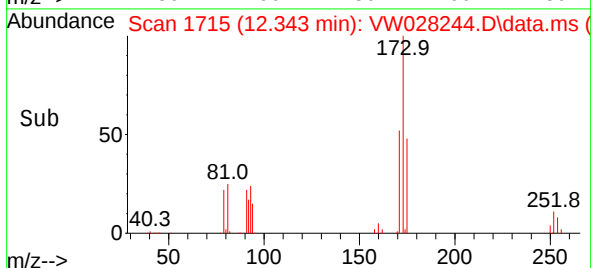
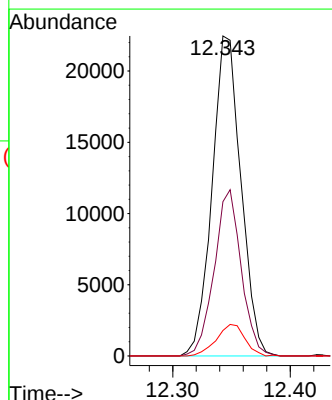
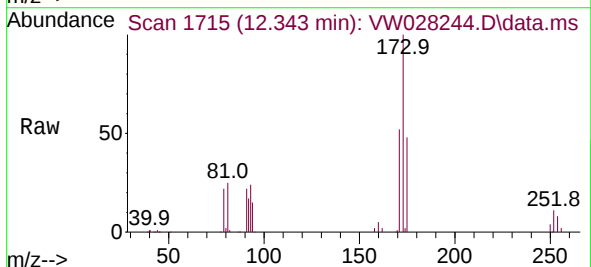
Instrument :
MSVOA_W
ClientSampleId :

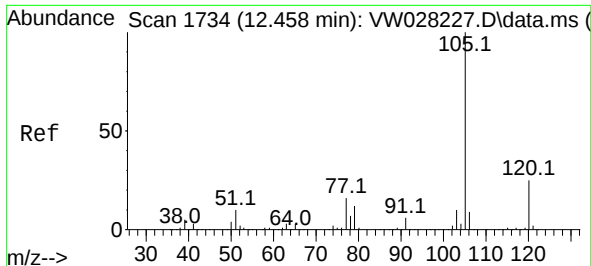
Tgt Ion: 83 Resp: 60541
Ion Ratio Lower Upper
83 100
85 63.3 47.0 87.2
131 10.1 8.9 13.3



#59
Bromoform
Concen: 25.645 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion:173 Resp: 38293
Ion Ratio Lower Upper
173 100
175 48.6 39.8 59.6
254 9.8 8.5 12.7





#60

Isopropylbenzene

Concen: 27.207 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

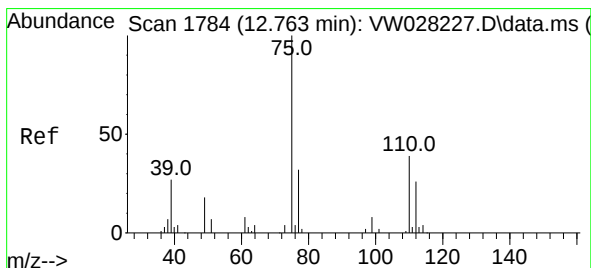
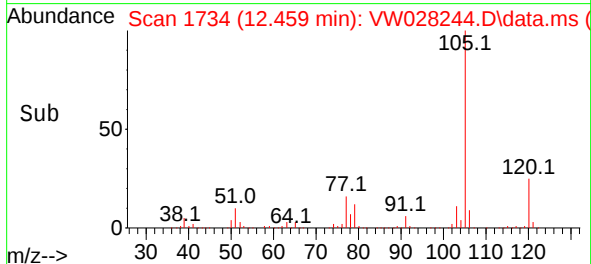
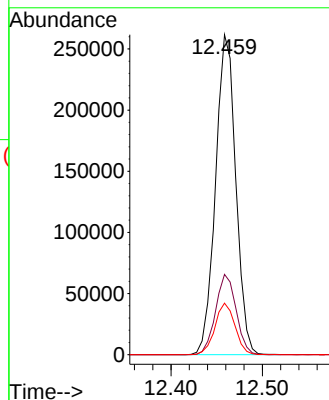
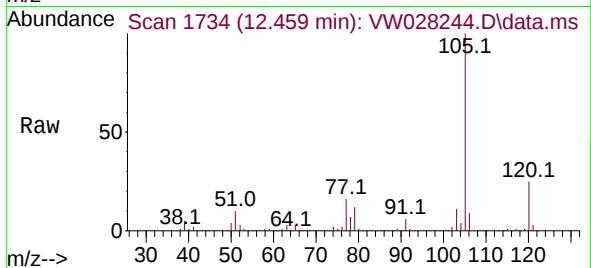
Tgt Ion:105 Resp: 402820

Ion Ratio Lower Upper

105 100

120 25.4 21.0 31.6

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 23.573 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

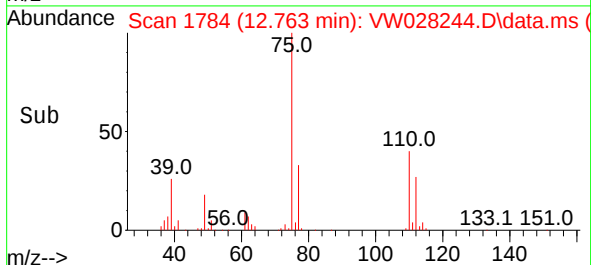
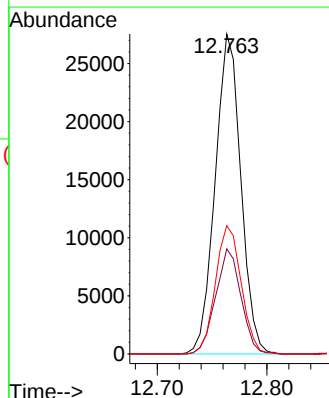
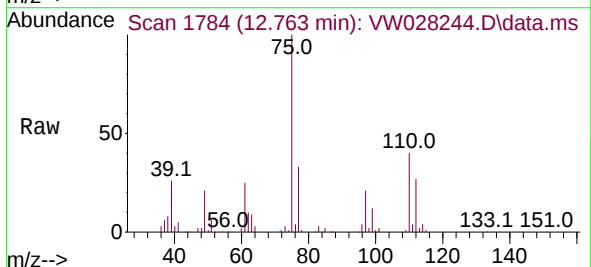
Tgt Ion: 75 Resp: 44832

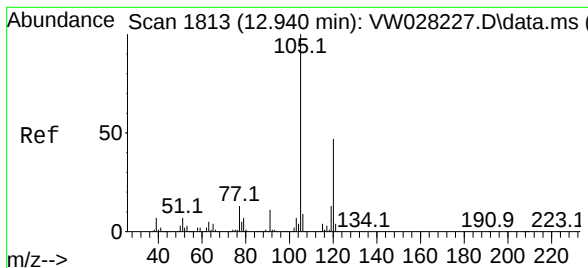
Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

110 40.2 32.2 48.2

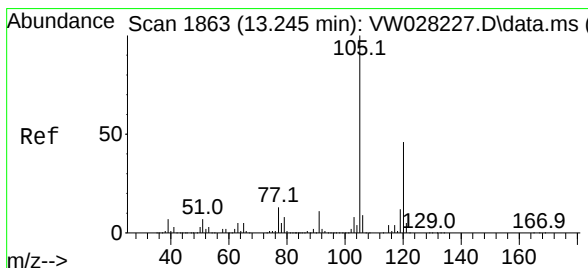
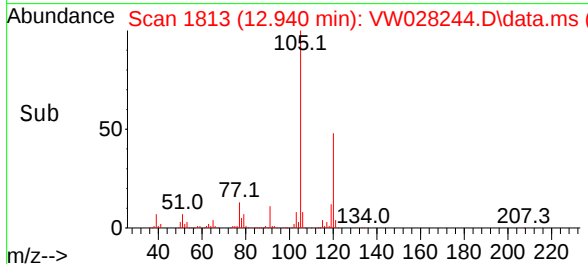
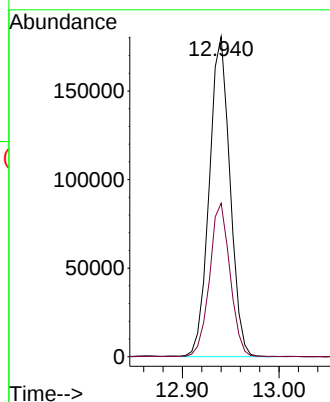
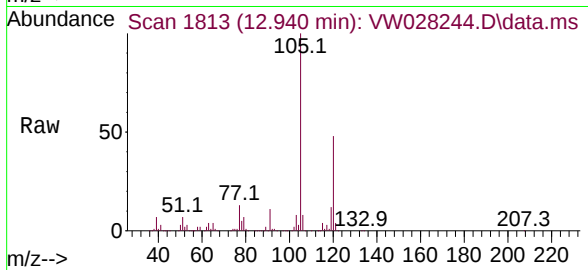




#62
1,3,5-Trimethylbenzene
Concen: 27.094 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

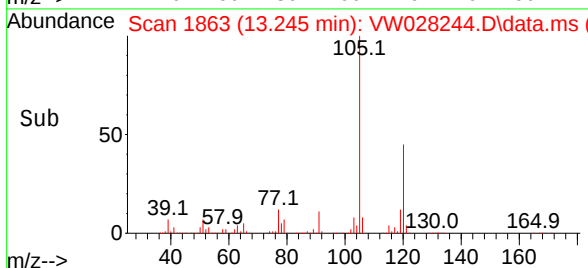
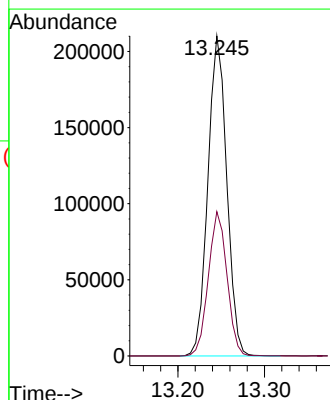
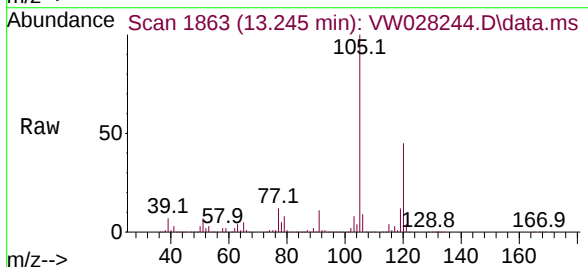
Instrument :
MSVOA_W
ClientSampleId :

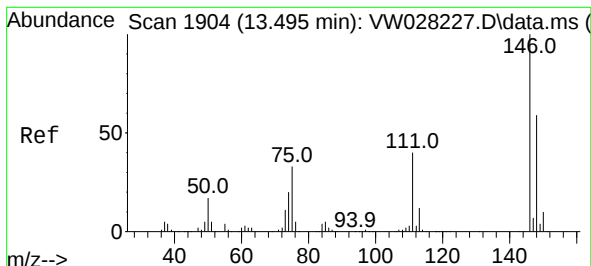
Tgt Ion:105 Resp: 269156
Ion Ratio Lower Upper
105 100
120 47.2 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 26.540 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion:105 Resp: 318354
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

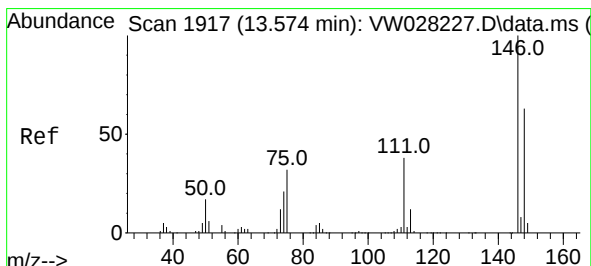
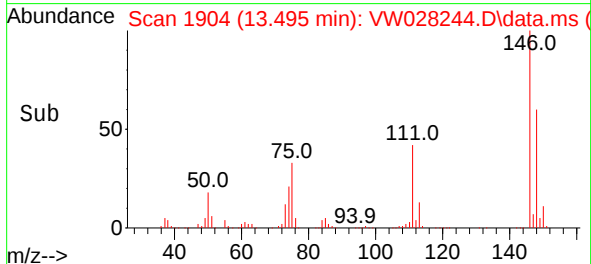
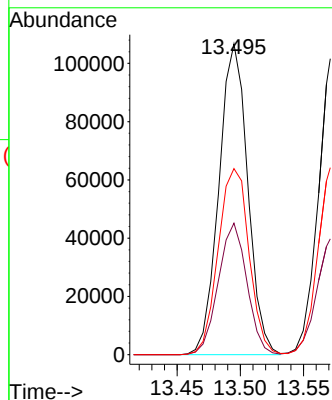
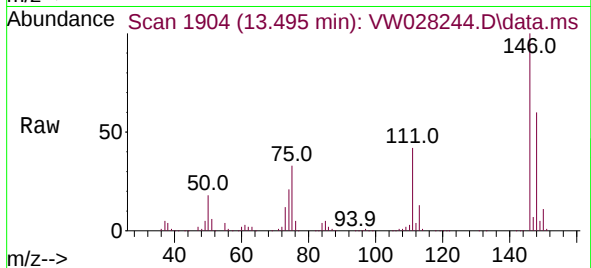




#64
1,3-Dichlorobenzene
Concen: 25.600 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

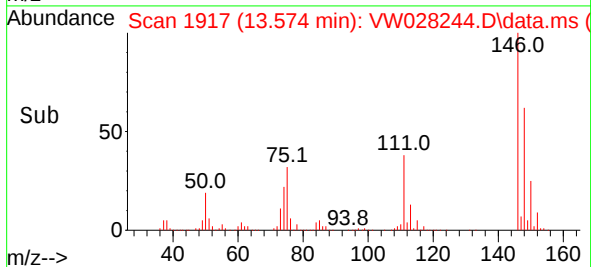
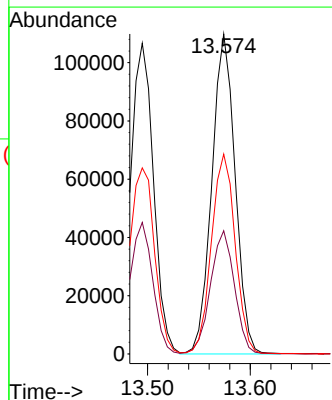
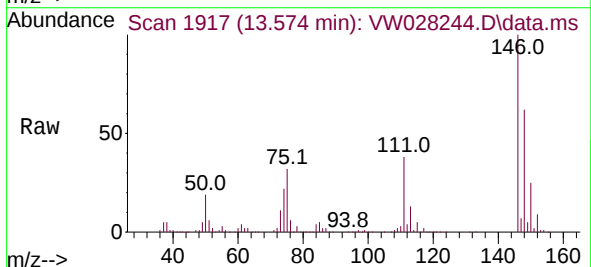
Instrument :
MSVOA_W
ClientSampleId :

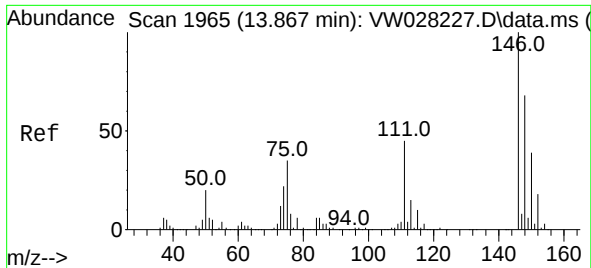
Tgt Ion:146 Resp: 169093
Ion Ratio Lower Upper
146 100
111 42.3 28.5 52.9
148 59.9 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 26.214 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion:146 Resp: 173138
Ion Ratio Lower Upper
146 100
111 38.5 28.8 53.6
148 62.4 45.3 84.1

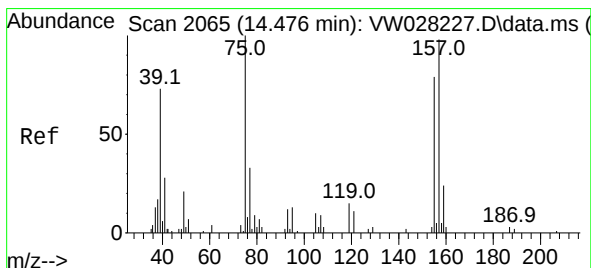
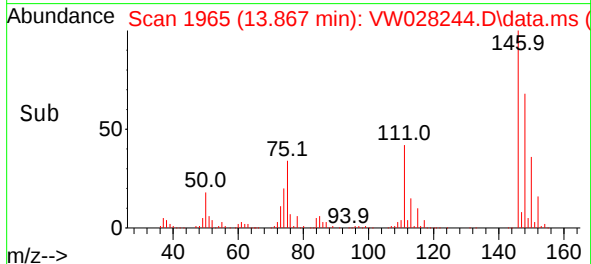
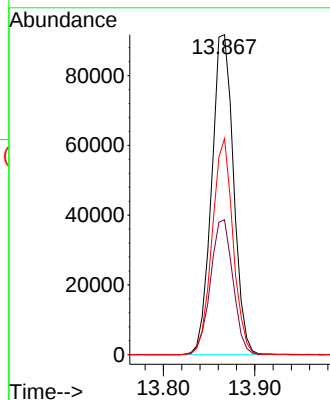
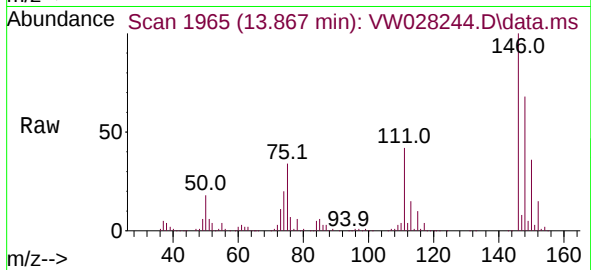




#67
1,2-Dichlorobenzene
Concen: 26.832 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

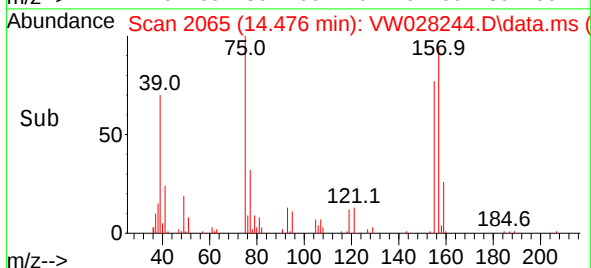
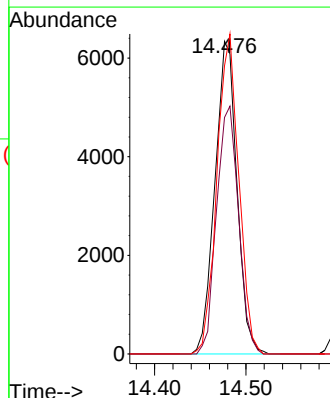
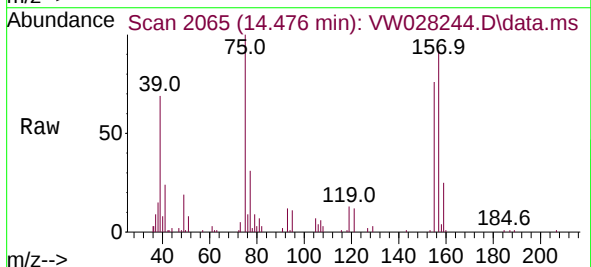
Instrument :
MSVOA_W
ClientSampleId :

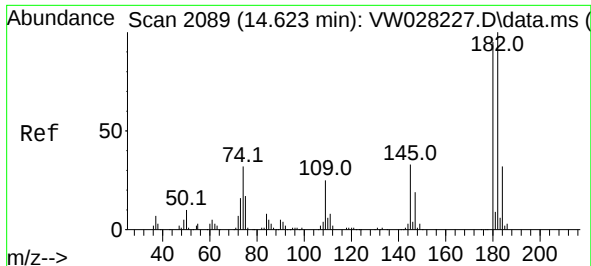
Tgt Ion:146 Resp: 152624
Ion Ratio Lower Upper
146 100
111 42.1 34.2 51.2
148 67.6 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 23.801 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028244.D
Acq: 27 Mar 2024 09:23

Tgt Ion: 75 Resp: 10633
Ion Ratio Lower Upper
75 100
155 75.6 61.1 91.7
157 92.2 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 27.052 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 124464

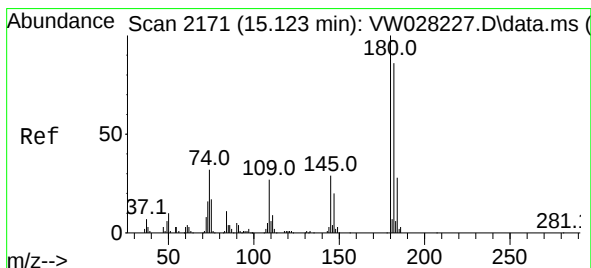
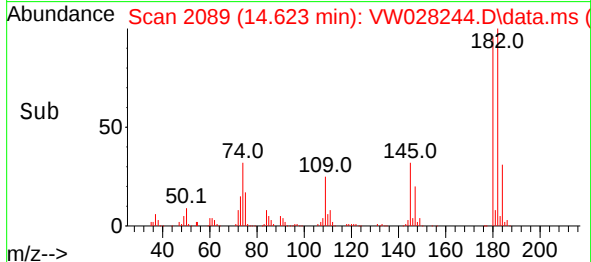
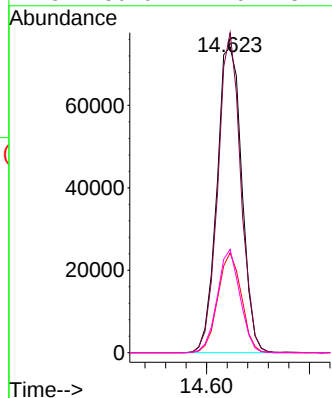
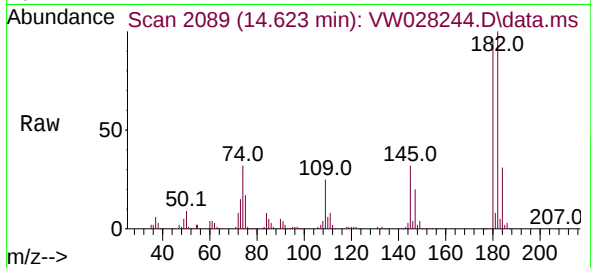
Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

184 30.8 23.5 35.3

145 30.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 25.911 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

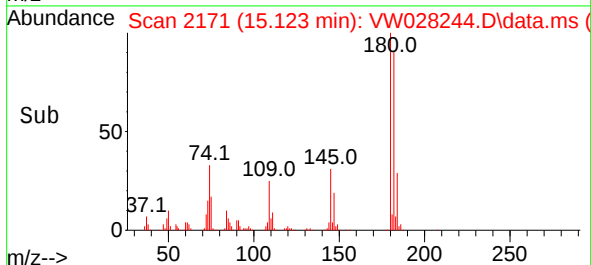
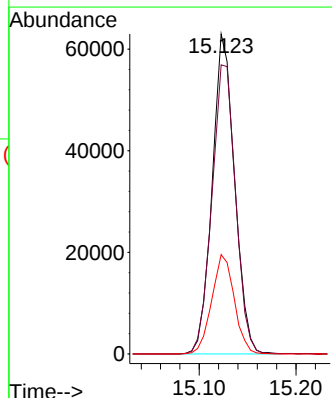
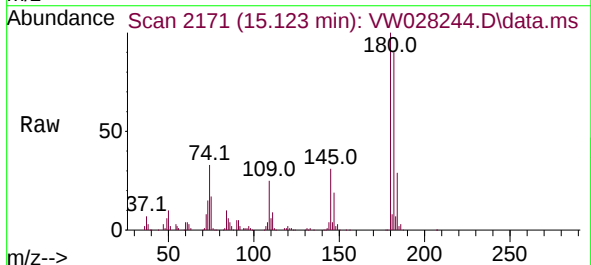
Tgt Ion:180 Resp: 101275

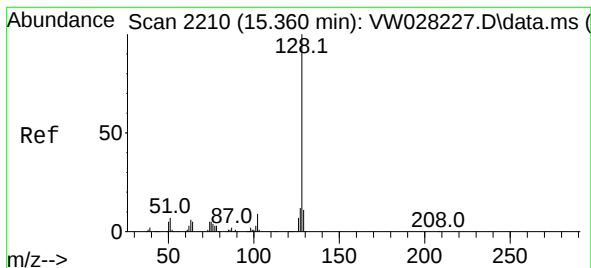
Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.8

145 31.3 25.0 37.6





#71

Naphthalene

Concen: 26.046 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Instrument :

MSVOA_W

ClientSampleId :

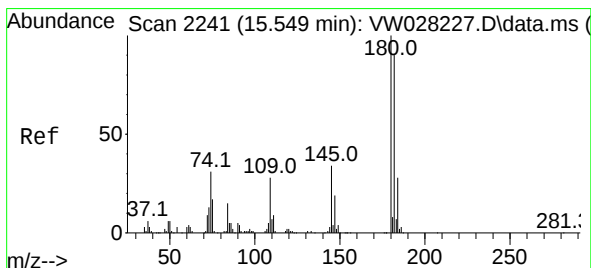
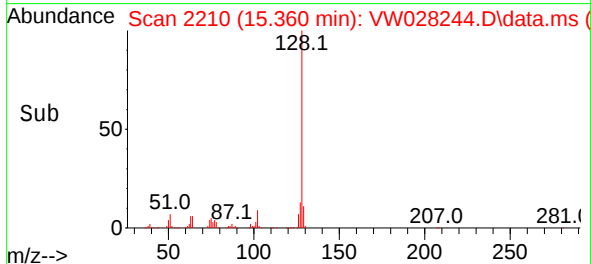
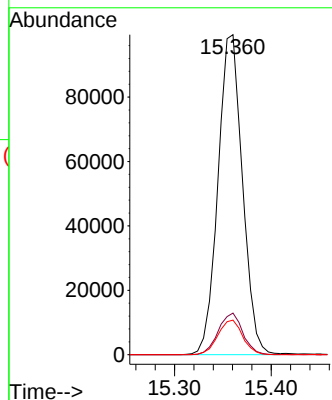
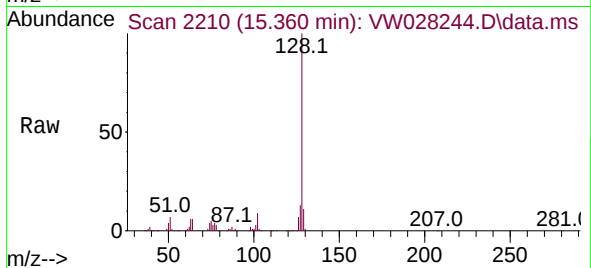
Tgt Ion:128 Resp: 174738

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 27.295 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028244.D

Acq: 27 Mar 2024 09:23

Tgt Ion:180 Resp: 87948

Ion Ratio Lower Upper

180 100

182 93.5 76.0 114.0

145 33.0 27.1 40.7

