

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027949.D
 Acq On : 05 Feb 2024 12:45
 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 06 04:02:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 03:57:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	313487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	285438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	81962	22.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.899	69	65076	23.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	4.021	65	35229	22.424	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	7.081	46	34878	61.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.280%
24) Chloroform-d	7.648	84	172719	23.563	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.307	65	83790	25.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%
32) Benzene-d6	8.276	84	359436	23.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.270	67	97632	23.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.319	98	352097	24.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	10.575	79	44087	25.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.560%
47) 2-Hexanone-d5	10.922	63	34751	61.700	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85933	27.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	124093	24.044	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	63165	23.398	ug/L	96
3) Chloromethane	2.223	50	68387	23.067	ug/L	98
5) Vinyl chloride	2.375	62	92014	22.898	ug/L	100
6) Bromomethane	2.790	94	66892	23.559	ug/L	96
8) Chloroethane	2.936	64	54521	24.014	ug/L	92
9) Trichlorofluoromethane	3.265	101	83051	22.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	83281	22.624	ug/L	96
12) 1,1-Dichloroethene	4.045	96	81786	23.884	ug/L	97
13) Acetone	4.143	43	32568	58.708	ug/L	97
14) Carbon disulfide	4.393	76	224877	22.182	ug/L	97
15) Methyl Acetate	4.673	43	27701	29.995	ug/L	98
16) Methylene chloride	4.923	84	87851	22.421	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	86460	23.500	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	122003	27.973	ug/L	99
19) 1,1-Dichloroethane	6.216	63	147733	24.718	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	98451	25.341	ug/L	99
22) 2-Butanone	7.173	43	40022	62.499	ug/L	98
23) Bromochloromethane	7.520	128	44594	25.841	ug/L	90
25) Chloroform	7.673	83	162855	25.347	ug/L	96

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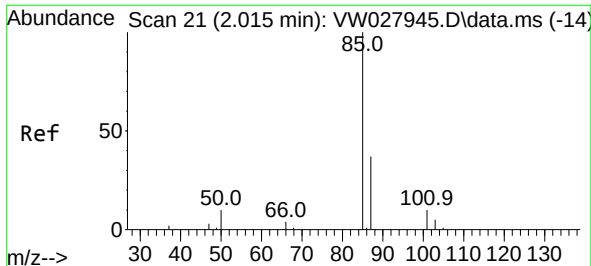
Quant Time: Feb 06 04:02:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 03:57:35 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	95436	26.673	ug/L	96
29) Cyclohexane	7.959	56	120600	23.705	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	132818	24.104	ug/L	99
31) Carbon tetrachloride	8.069	117	122070	23.947	ug/L	99
33) Benzene	8.325	78	349623	24.524	ug/L	100
34) Trichloroethene	9.093	95	96042	23.467	ug/L	98
35) Methylcyclohexane	9.337	83	157873	23.442	ug/L	98
37) 1,2-Dichloropropane	9.368	63	84894	25.341	ug/L	100
38) Bromodichloromethane	9.642	83	115295	25.783	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	139886	26.051	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	80433	63.611	ug/L	98
42) Toluene	10.386	91	397149	24.846	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116310	27.291	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	72712	27.421	ug/L	97
46) Tetrachloroethene	10.861	164	83882	24.358	ug/L	93
48) 2-Hexanone	10.965	43	59037	61.642	ug/L	96
49) Dibromochloromethane	11.123	129	82091	27.155	ug/L	97
50) 1,2-Dibromoethane	11.233	107	69207	27.961	ug/L	97
51) Chlorobenzene	11.654	112	259146	24.375	ug/L	98
52) Ethylbenzene	11.727	91	437310	24.265	ug/L	95
53) m,p-Xylene	11.837	106	178053	25.192	ug/L	96
54) o-Xylene	12.160	106	168989	25.493	ug/L	92
55) Styrene	12.178	104	292584	26.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	82191	28.945	ug/L	91
59) Bromoform	12.349	173	49941	27.865	ug/L	100
60) Isopropylbenzene	12.459	105	457280	24.118	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	57166	28.209	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	373799	24.637	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	377146	25.403	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	213411	24.503	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	225420	25.455	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	193527	25.157	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12423	30.876	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	153970	24.619	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	129029	25.548	ug/L	98
71) Naphthalene	15.360	128	233882	29.801	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116860	27.733	ug/L	97

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

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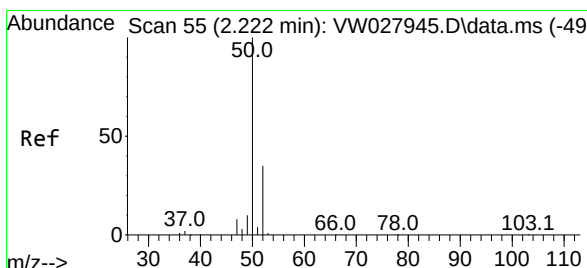
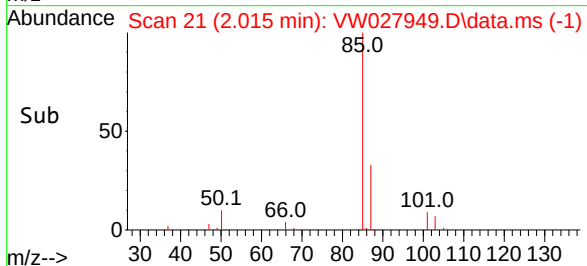
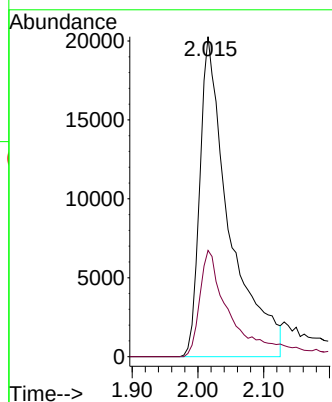
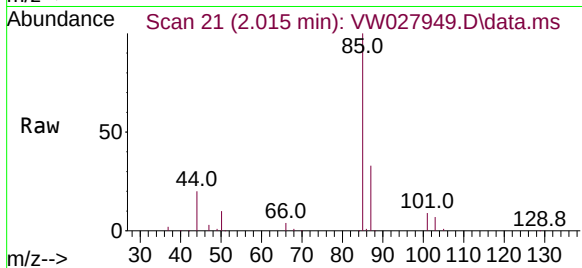




#2
Dichlorodifluoromethane
Concen: 23.398 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

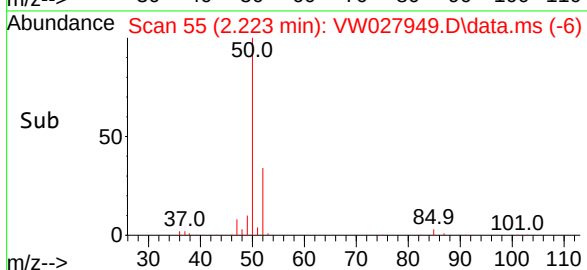
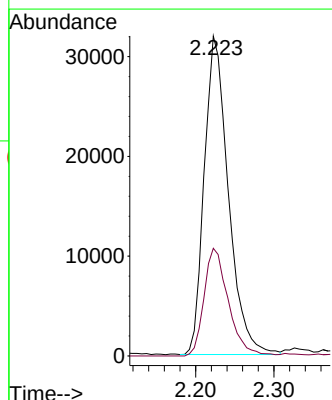
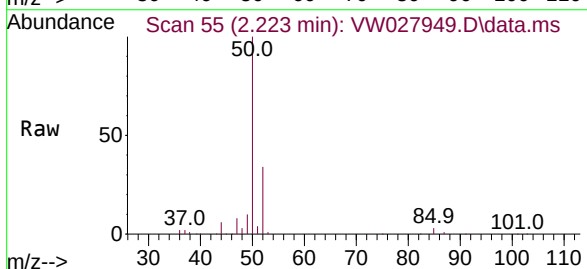
Instrument :
MSVOA_W
ClientSampleId :

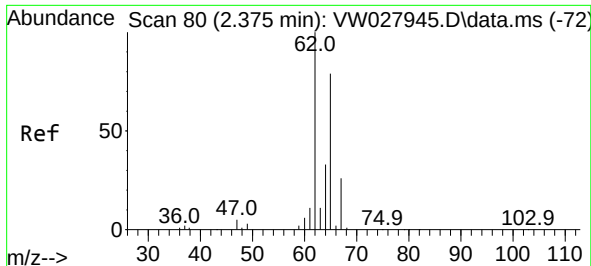
Tgt Ion: 85 Resp: 63165
Ion Ratio Lower Upper
85 100
87 34.0 25.3 37.9



#3
Chloromethane
Concen: 23.067 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 50 Resp: 68387
Ion Ratio Lower Upper
50 100
52 33.7 24.3 45.1

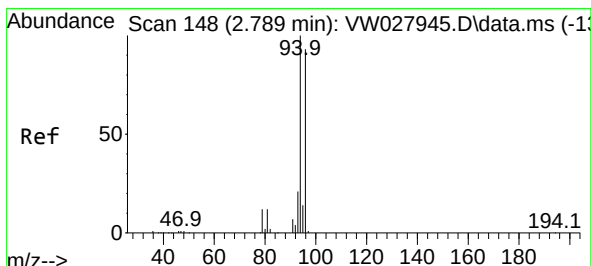
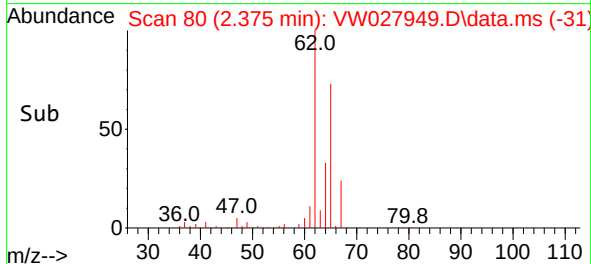
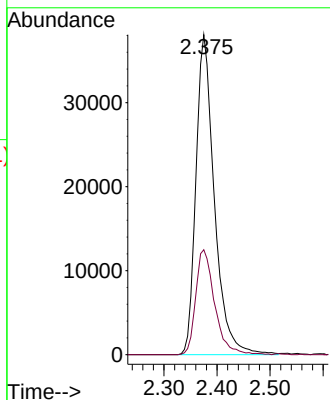
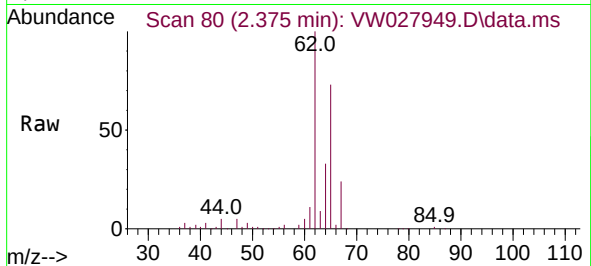




#5
 Vinyl chloride
 Concen: 22.898 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027949.D
 Acq: 05 Feb 2024 12:45

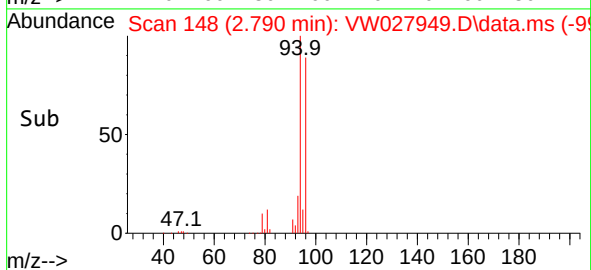
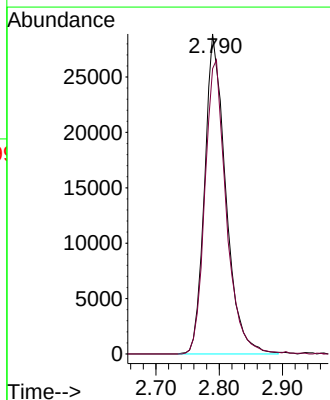
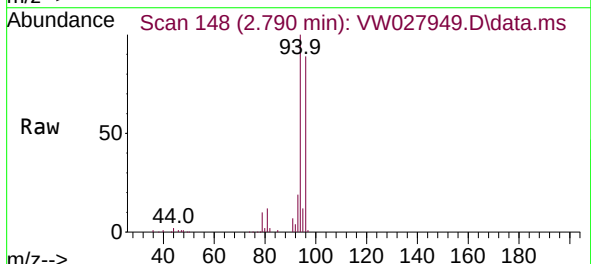
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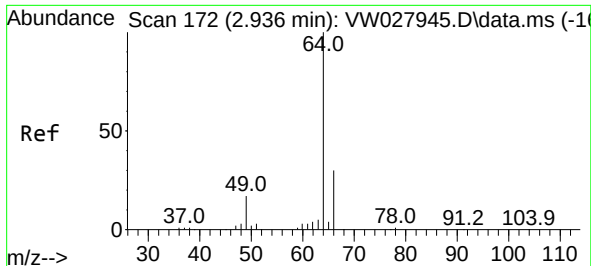
Tgt Ion: 62 Resp: 92014
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 23.559 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027949.D
 Acq: 05 Feb 2024 12:45

Tgt Ion: 94 Resp: 66892
 Ion Ratio Lower Upper
 94 100
 96 89.2 65.3 121.3

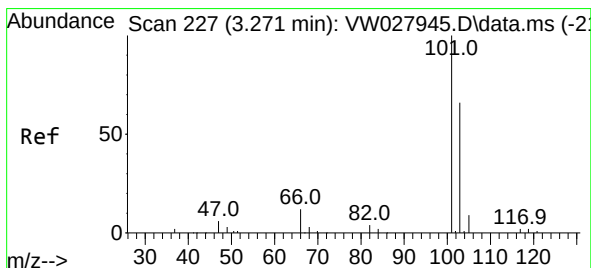
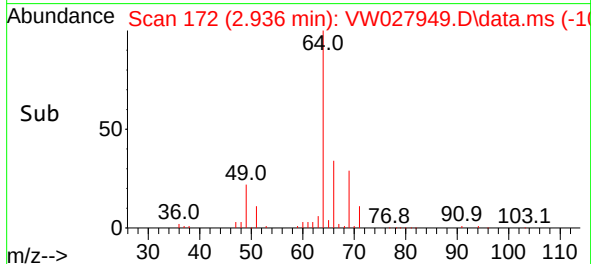
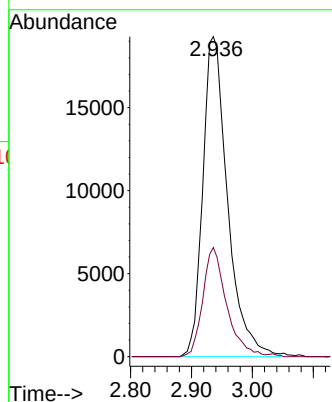
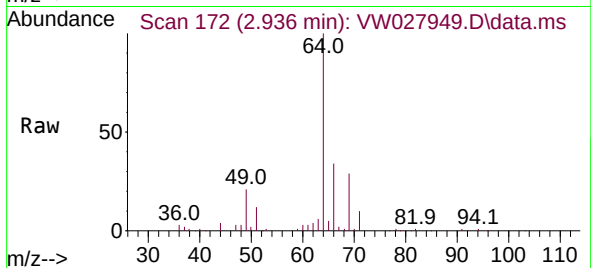




#8
Chloroethane
Concen: 24.014 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

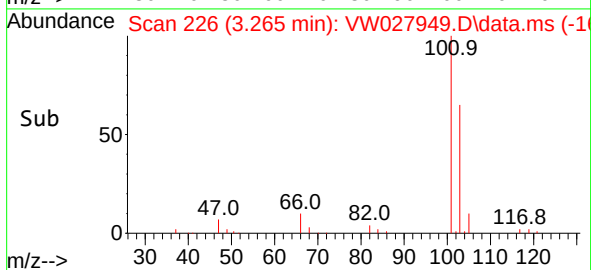
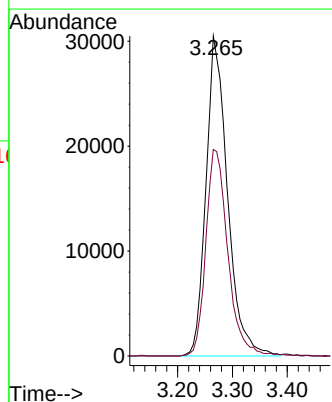
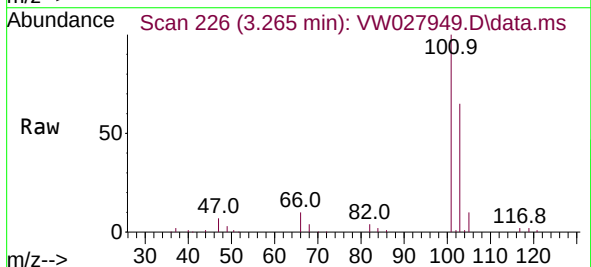
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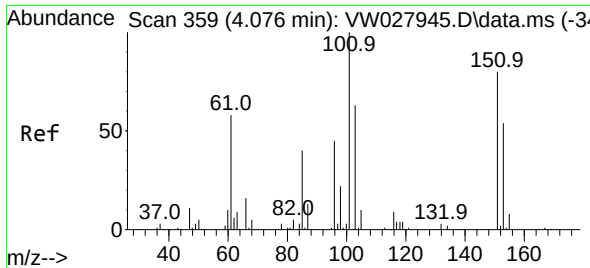
Tgt Ion: 64 Resp: 54521
Ion Ratio Lower Upper
64 100
66 34.1 20.9 38.7



#9
Trichlorofluoromethane
Concen: 22.742 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion:101 Resp: 83051
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

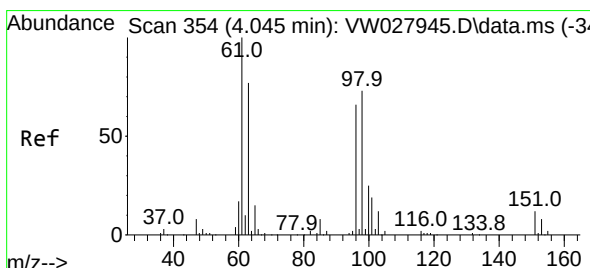
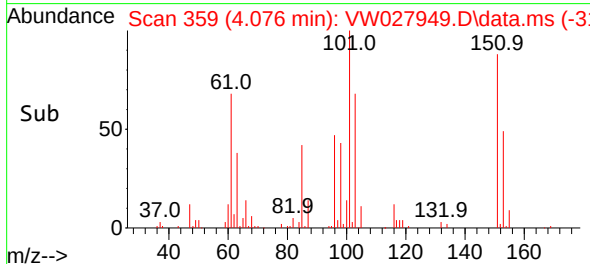
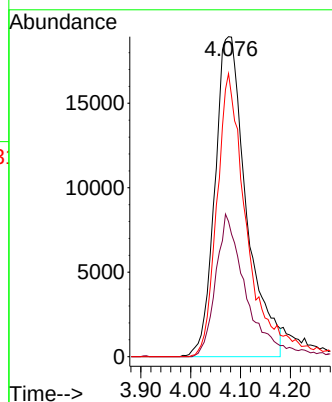
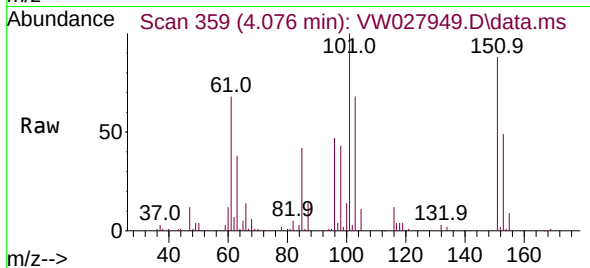




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.624 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027949.D
 Acq: 05 Feb 2024 12:45

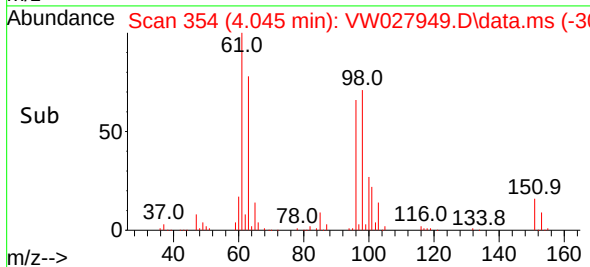
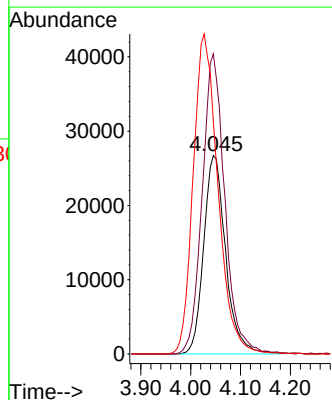
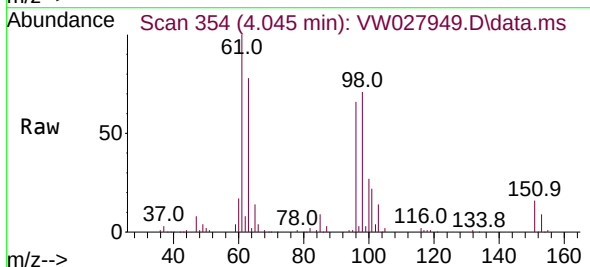
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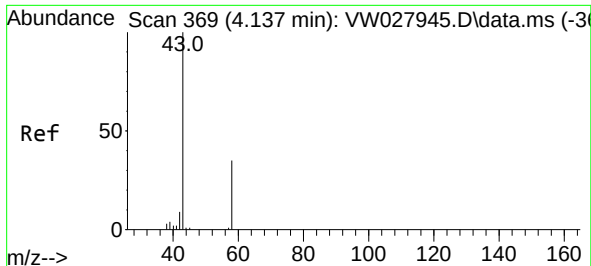
Tgt Ion:101 Resp: 83281
 Ion Ratio Lower Upper
 101 100
 85 36.8 33.8 50.6
 151 78.9 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.884 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027949.D
 Acq: 05 Feb 2024 12:45

Tgt Ion: 96 Resp: 81786
 Ion Ratio Lower Upper
 96 100
 61 151.3 107.4 199.4
 63 117.4 86.0 159.6





#13

Acetone

Concen: 58.708 ug/L

RT: 4.143 min Scan# 370

Delta R.T. 0.006 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

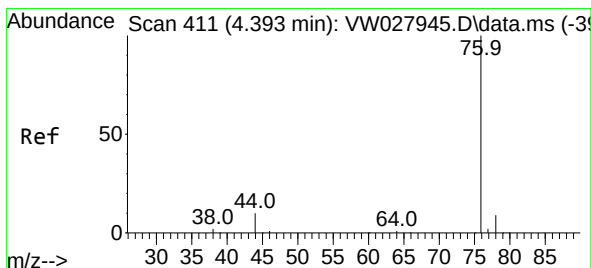
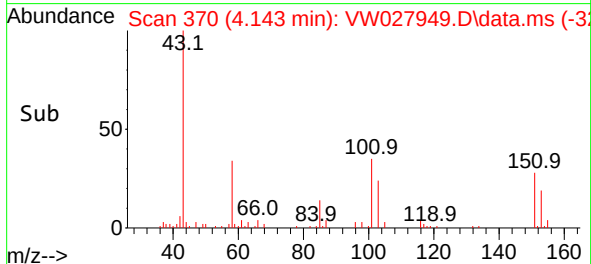
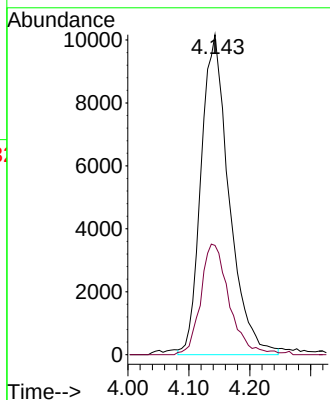
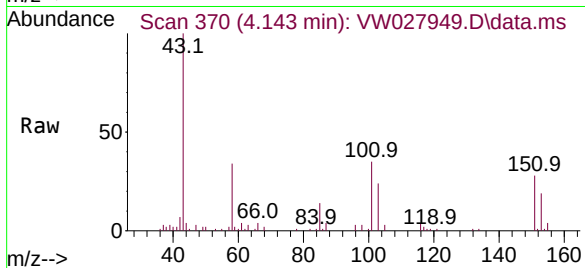
ClientSampleId :

Tgt Ion: 43 Resp: 32568

Ion Ratio Lower Upper

43 100

58 34.7 0.0 66.0



#14

Carbon disulfide

Concen: 22.182 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW027949.D

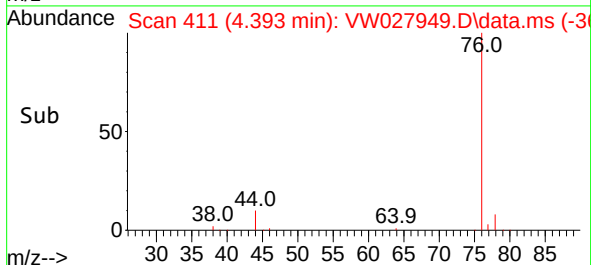
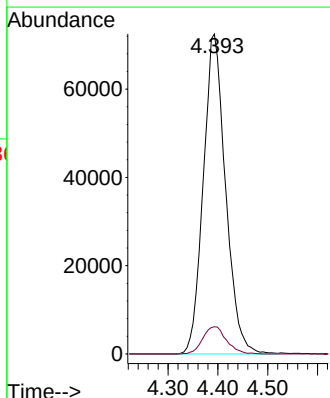
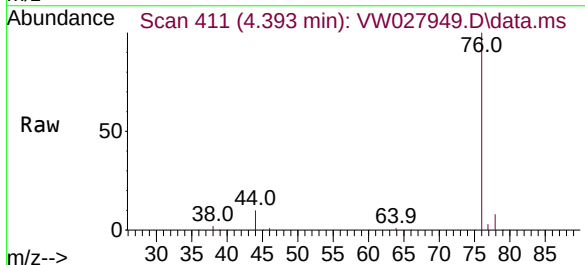
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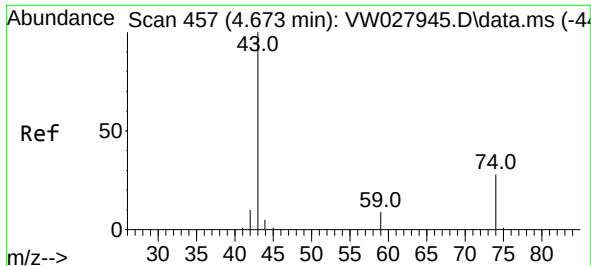
Tgt Ion: 76 Resp: 224877

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3

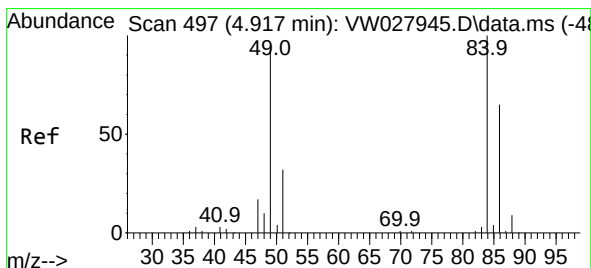
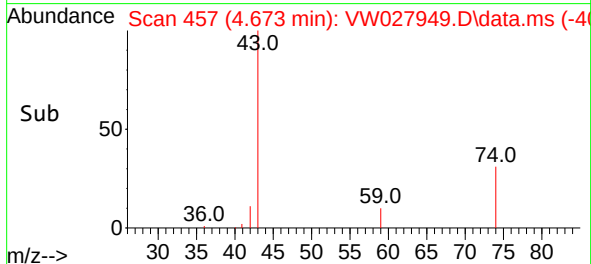
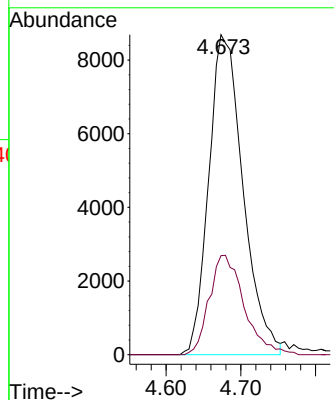
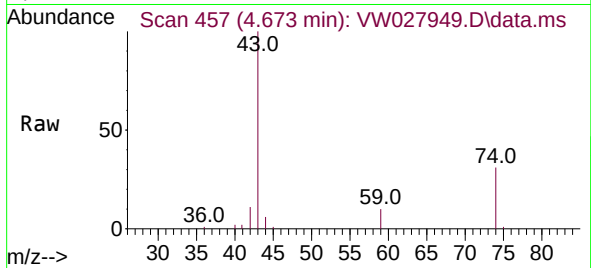




#15
Methyl Acetate
Concen: 29.995 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

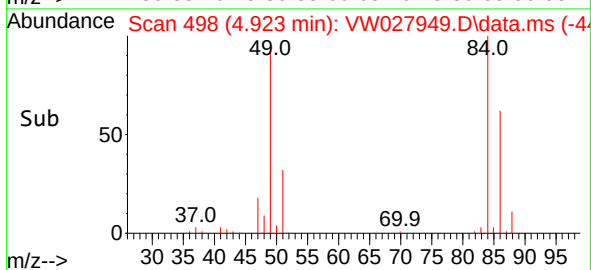
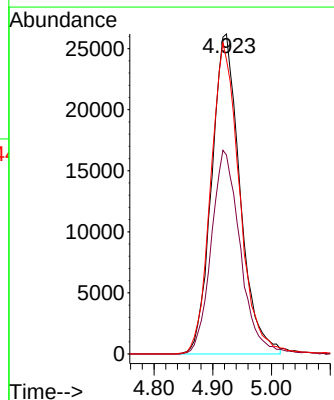
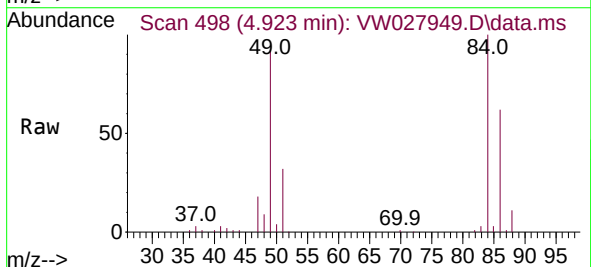
Instrument :
MSVOA_W
ClientSampleId :

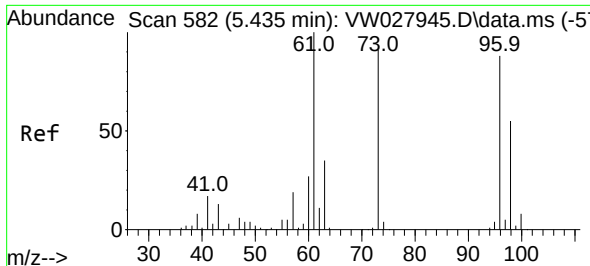
Tgt Ion: 43 Resp: 27701
Ion Ratio Lower Upper
43 100
74 31.5 24.2 36.2



#16
Methylene chloride
Concen: 22.421 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 84 Resp: 87851
Ion Ratio Lower Upper
84 100
86 62.2 45.4 84.4
49 92.0 66.3 123.1

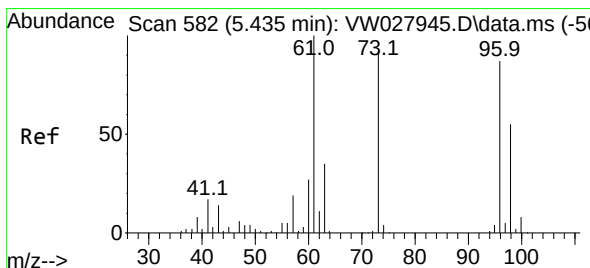
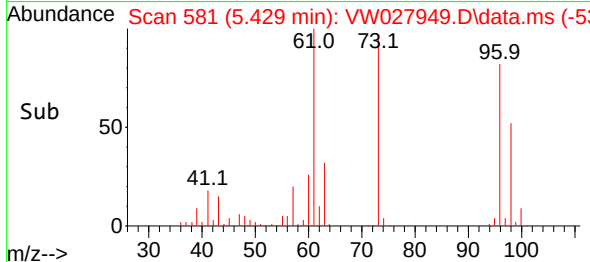
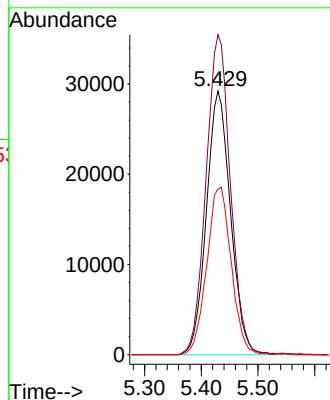
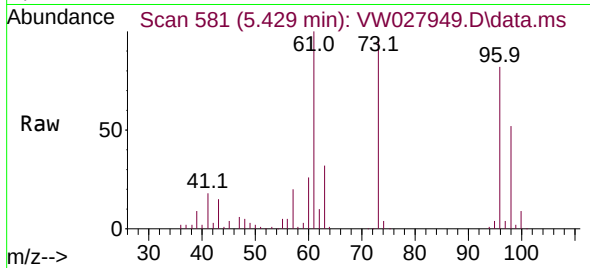




#17
trans-1,2-Dichloroethene
Concen: 23.500 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

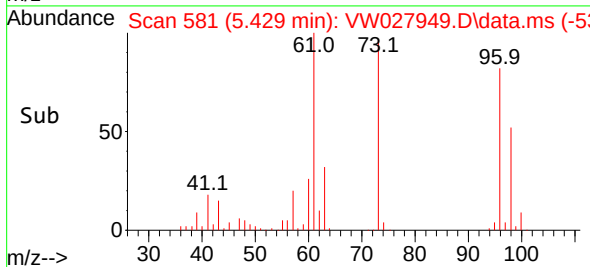
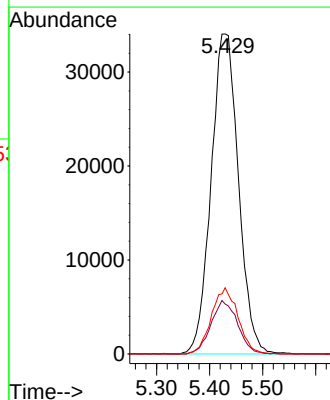
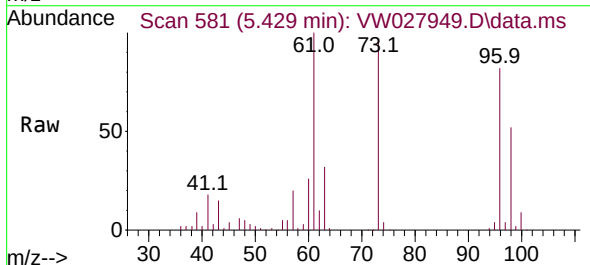
Instrument :
MSVOA_W
ClientSampleId :

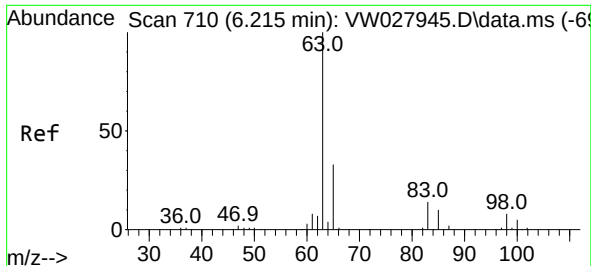
Tgt Ion: 96 Resp: 86460
Ion Ratio Lower Upper
96 100
61 121.4 80.1 148.7
98 62.9 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 27.973 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 73 Resp: 122003
Ion Ratio Lower Upper
73 100
43 16.2 13.4 20.0
57 20.1 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.718 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :

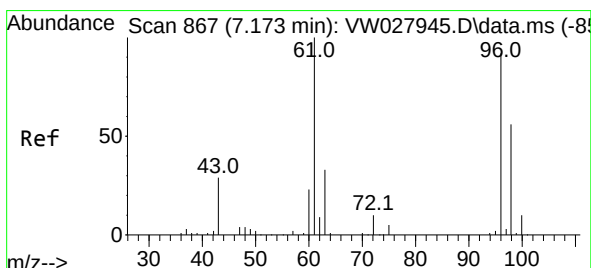
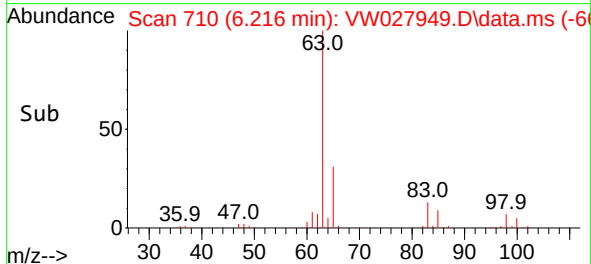
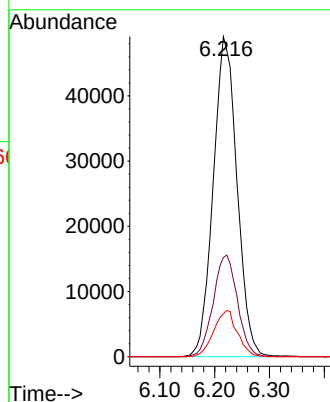
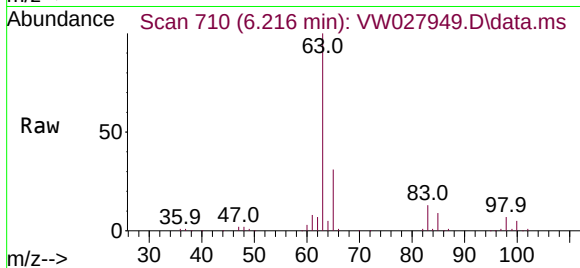
Tgt Ion: 63 Resp: 147733

Ion Ratio Lower Upper

63 100

65 31.0 23.1 42.9

83 13.4 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 25.341 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

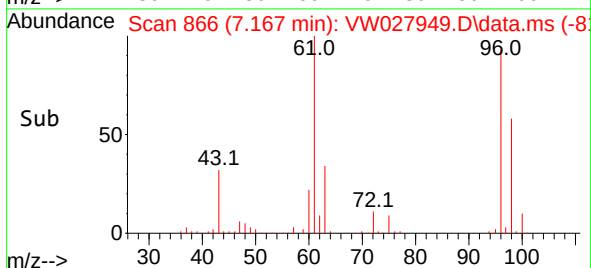
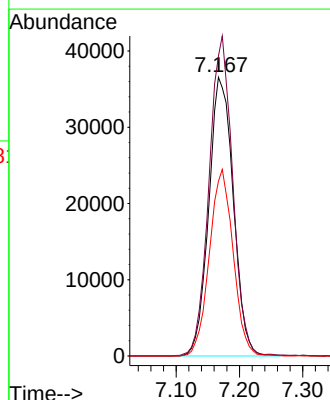
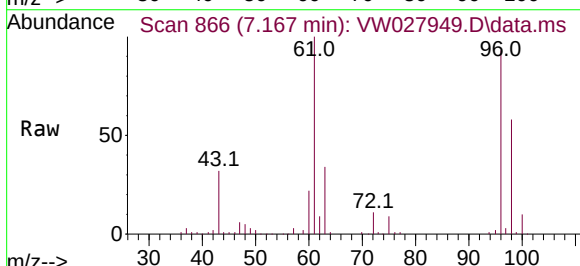
Tgt Ion: 96 Resp: 98451

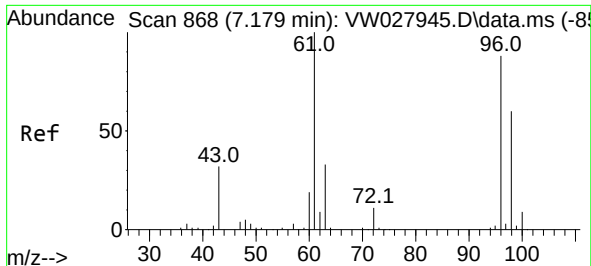
Ion Ratio Lower Upper

96 100

61 107.7 76.3 141.7

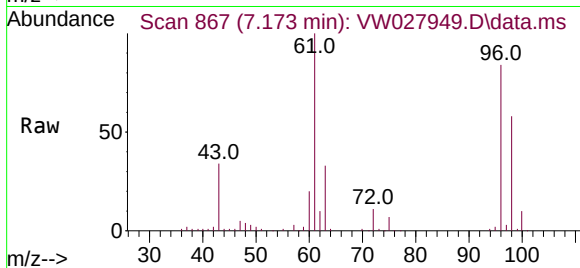
98 62.7 42.9 79.7



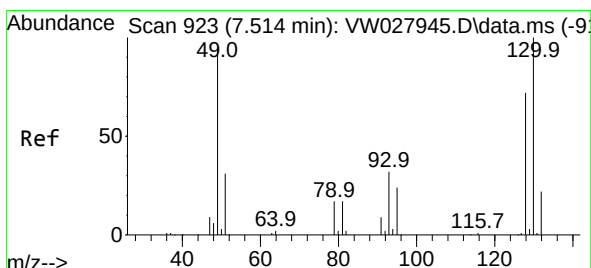
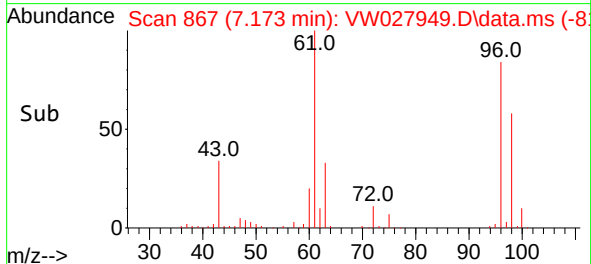
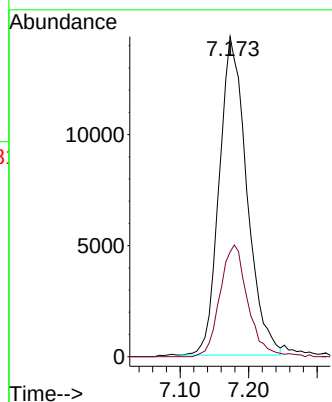


#22
2-Butanone
Concen: 62.499 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Instrument :
MSVOA_W
ClientSampleId :

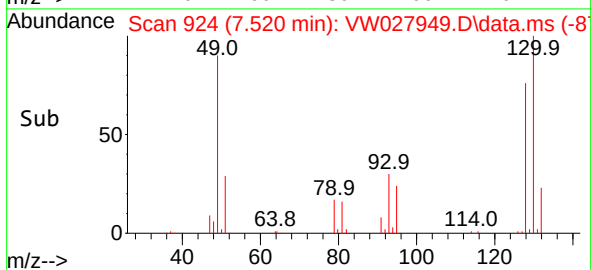
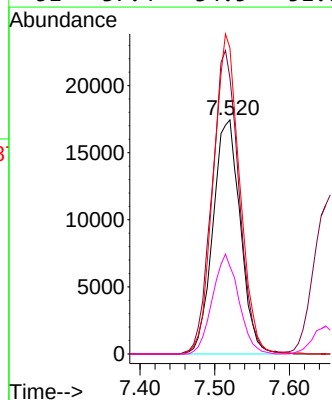
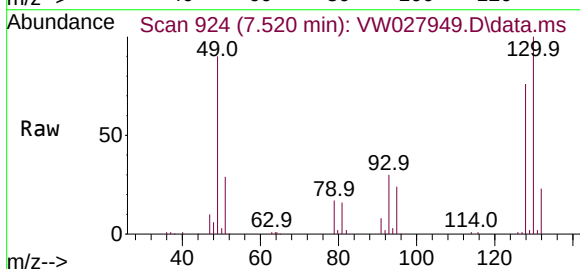


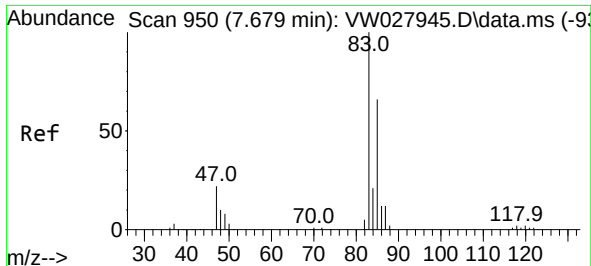
Tgt Ion: 43 Resp: 40022
Ion Ratio Lower Upper
43 100
72 35.1 17.0 50.9



#23
Bromochloromethane
Concen: 25.841 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 128 Resp: 44594
Ion Ratio Lower Upper
128 100
49 117.8 93.2 173.2
130 130.7 97.4 180.8
51 37.4 34.5 51.7

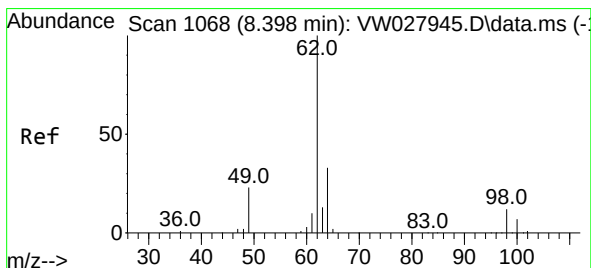
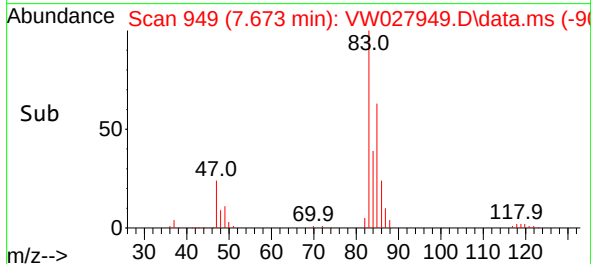
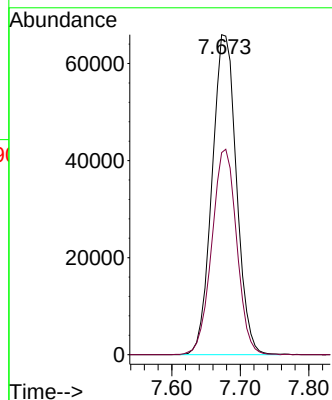
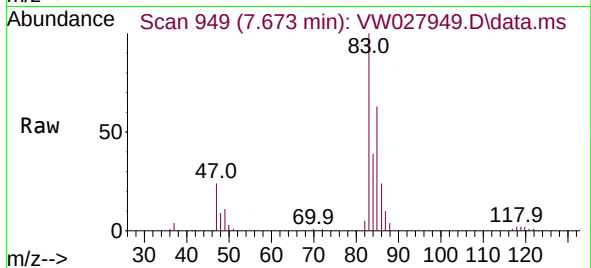




#25
Chloroform
Concen: 25.347 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

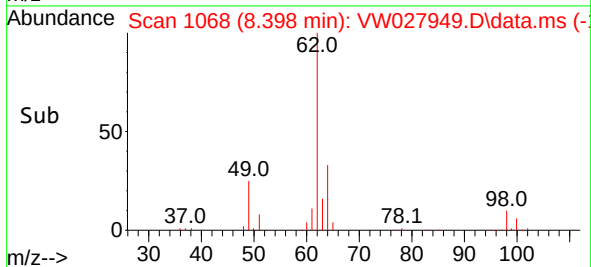
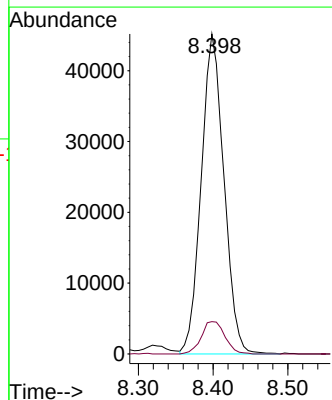
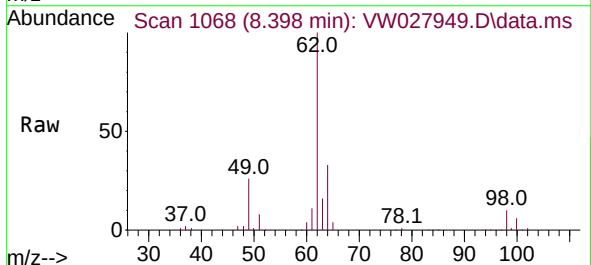
Instrument :
MSVOA_W
ClientSampleId :

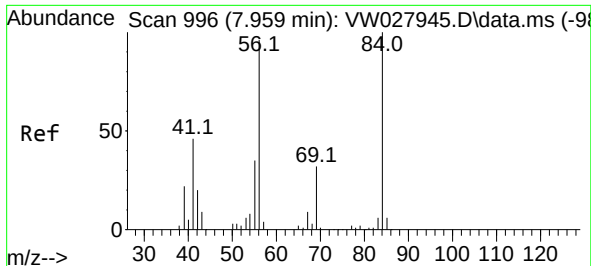
Tgt Ion: 83 Resp: 162855
Ion Ratio Lower Upper
83 100
85 63.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.673 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 62 Resp: 95436
Ion Ratio Lower Upper
62 100
98 10.1 9.4 14.2





#29

Cyclohexane

Concen: 23.705 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :

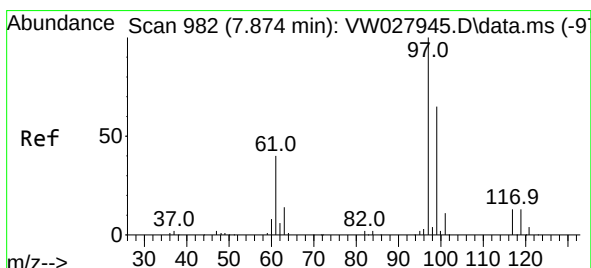
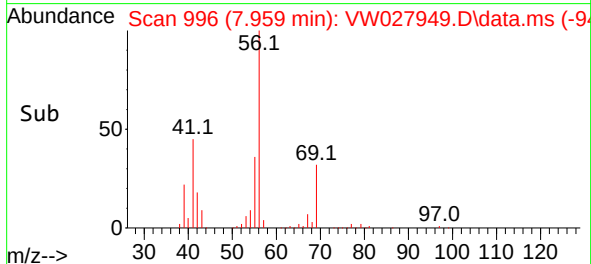
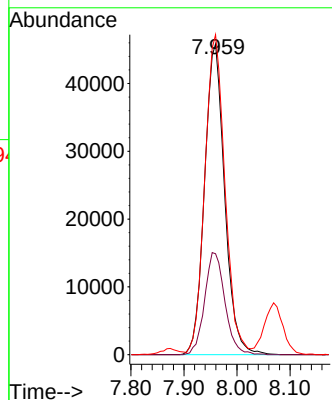
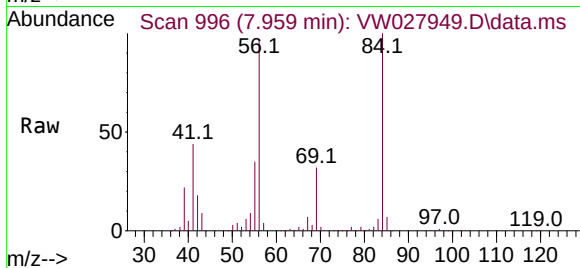
Tgt Ion: 56 Resp: 120600

Ion Ratio Lower Upper

56 100

69 33.1 26.3 39.5

84 103.3 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 24.104 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

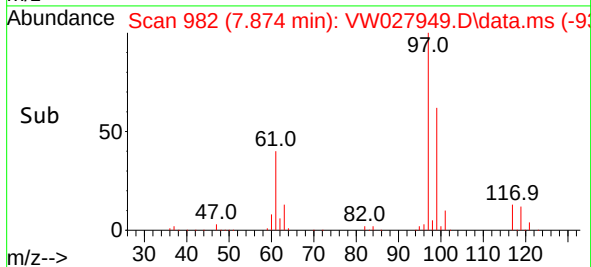
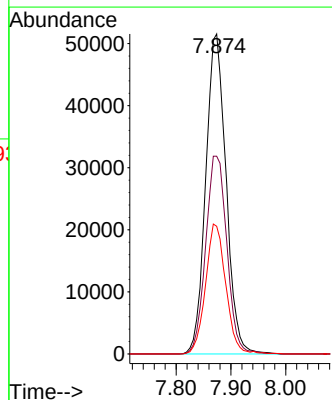
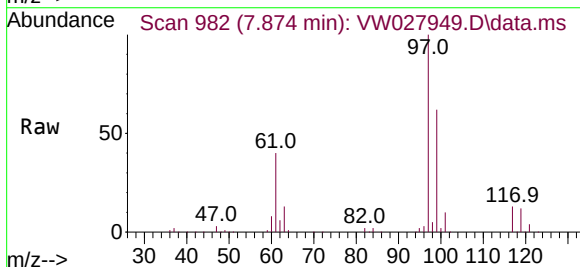
Tgt Ion: 97 Resp: 132818

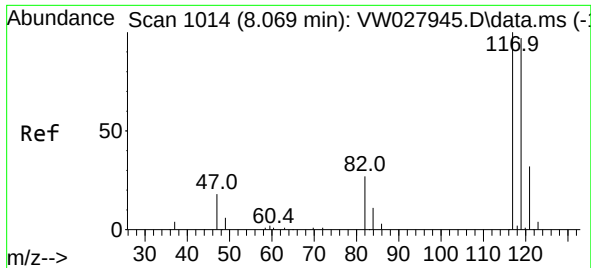
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

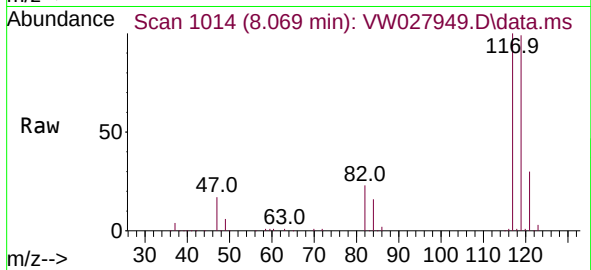
61 40.1 32.9 49.3



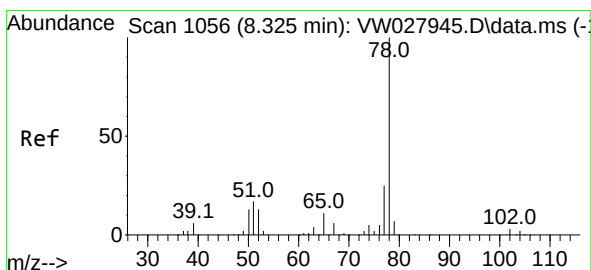
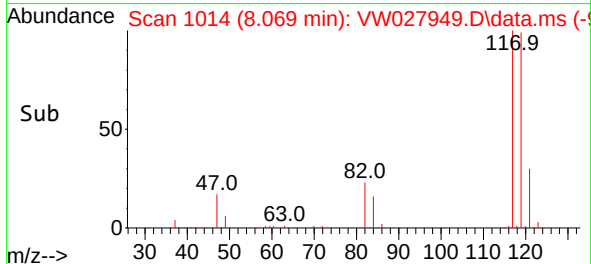
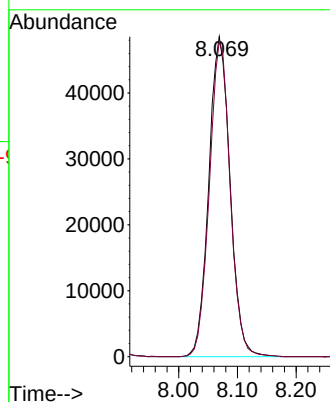


#31
Carbon tetrachloride
Concen: 23.947 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Instrument :
MSVOA_W
ClientSampleId :

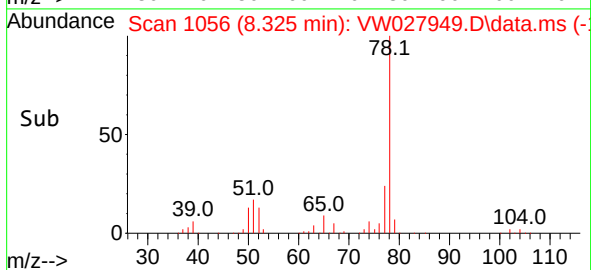
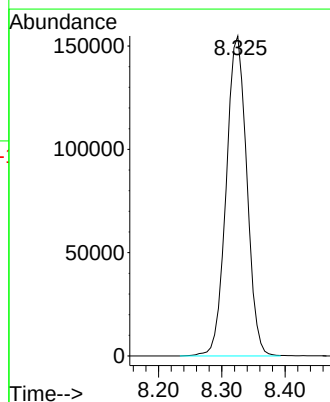
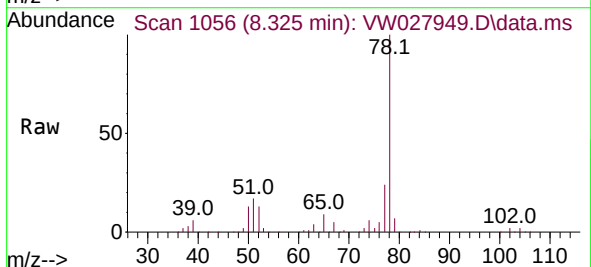


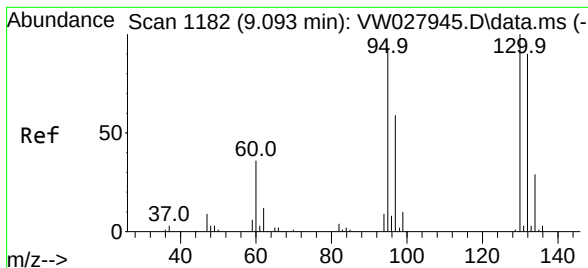
Tgt Ion:117 Resp: 122070
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7



#33
Benzene
Concen: 24.524 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 78 Resp: 349623





#34

Trichloroethene

Concen: 23.467 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

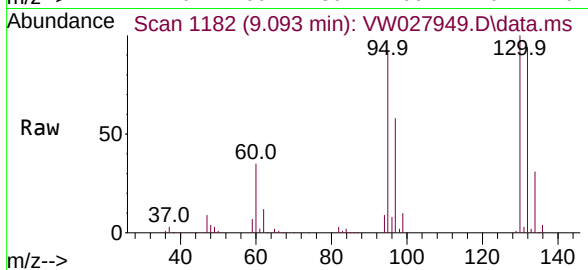
Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 96042

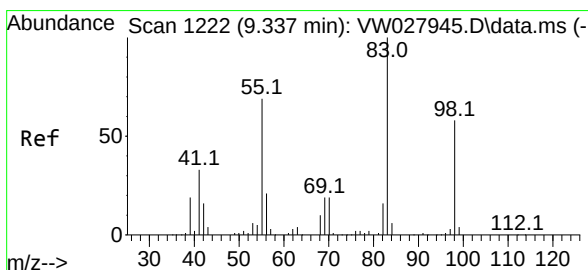
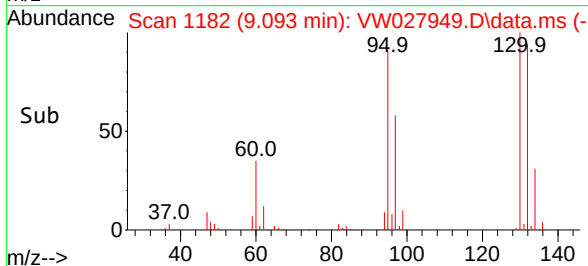
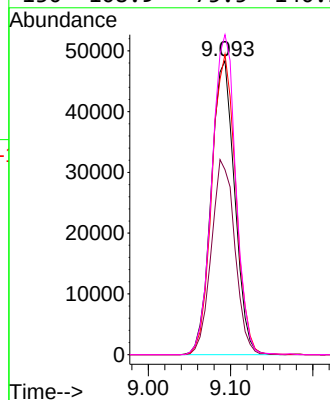
Ion Ratio Lower Upper

95 100

97 63.0 44.3 82.3

132 102.2 68.0 126.2

130 108.9 75.5 140.3



#35

Methylcyclohexane

Concen: 23.442 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

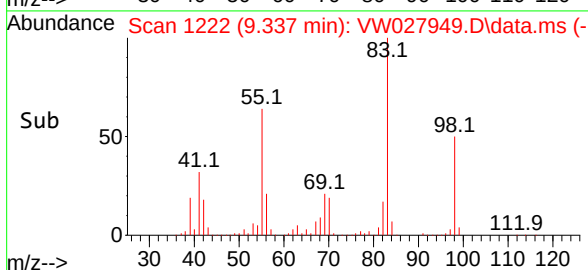
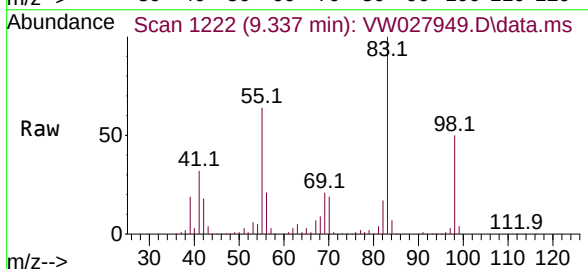
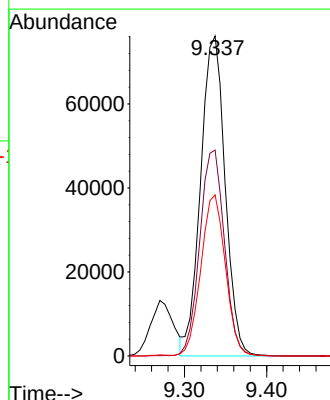
Tgt Ion: 83 Resp: 157873

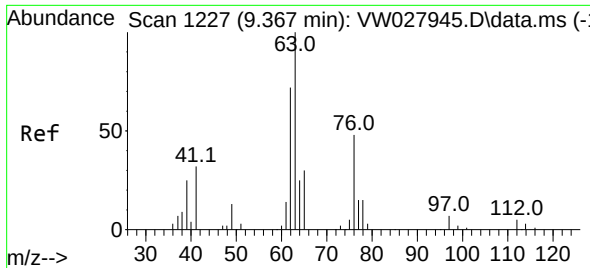
Ion Ratio Lower Upper

83 100

55 64.7 52.3 78.5

98 50.5 41.9 62.9

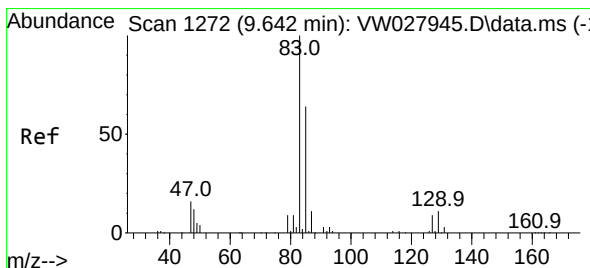
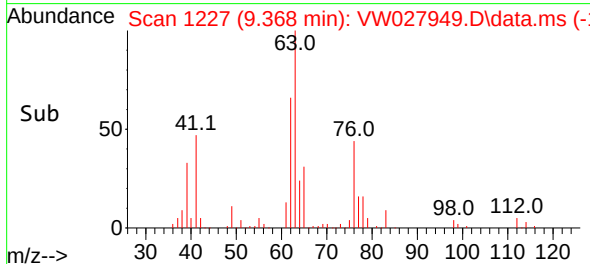
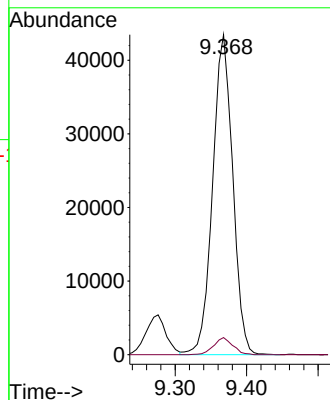
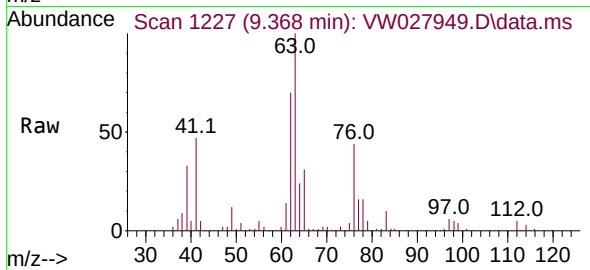




#37
1,2-Dichloropropane
Concen: 25.341 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

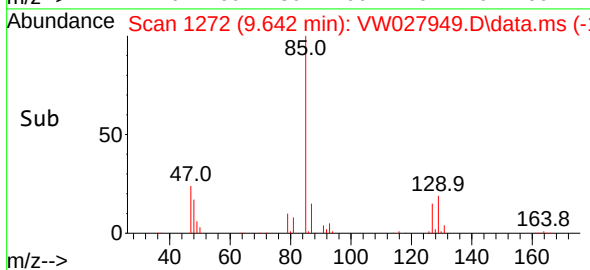
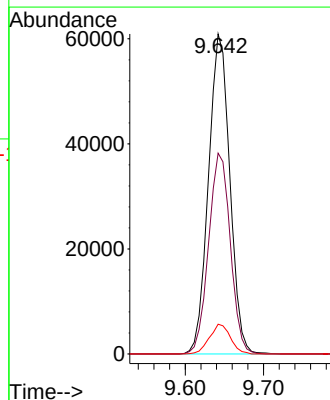
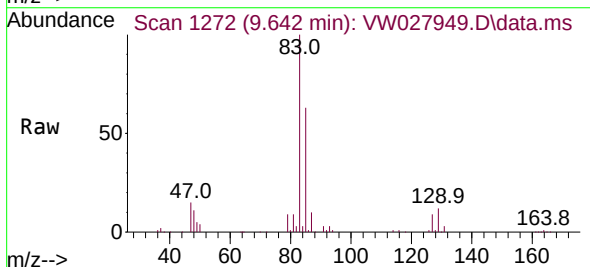
Instrument :
MSVOA_W
ClientSampleId :

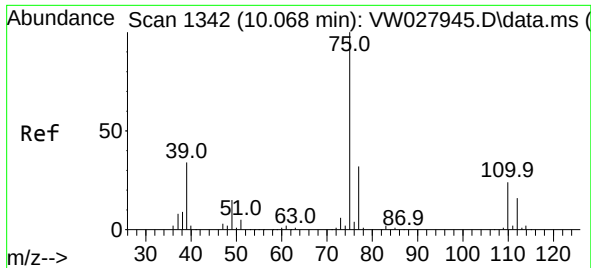
Tgt Ion: 63 Resp: 84894
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2



#38
Bromodichloromethane
Concen: 25.783 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion: 83 Resp: 115295
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1
127 9.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.051 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

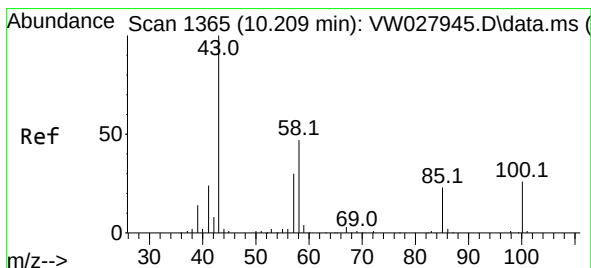
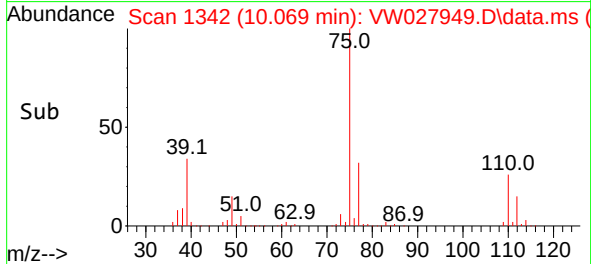
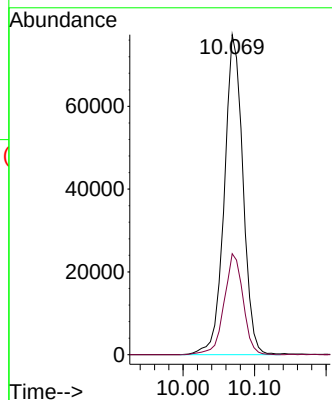
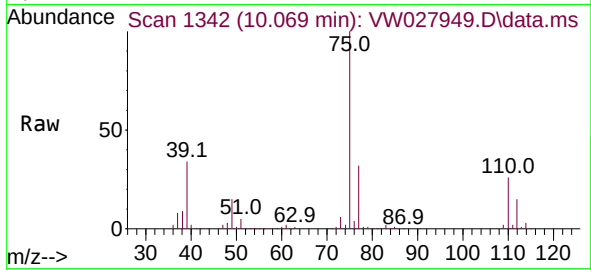
ClientSampleId :

Tgt Ion: 75 Resp: 139886

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 63.611 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

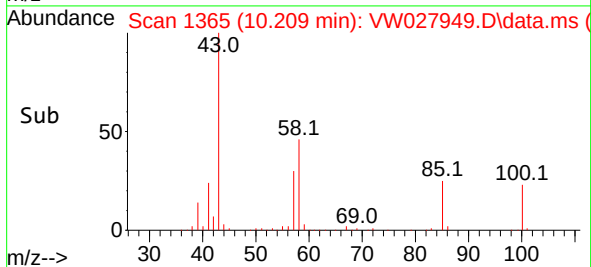
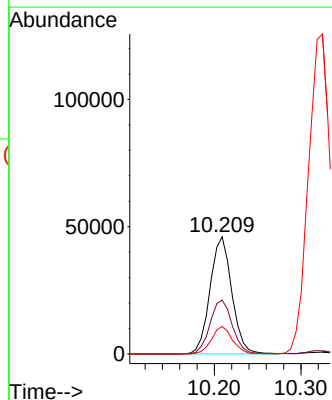
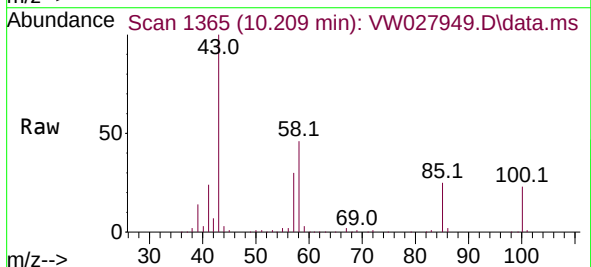
Tgt Ion: 43 Resp: 80433

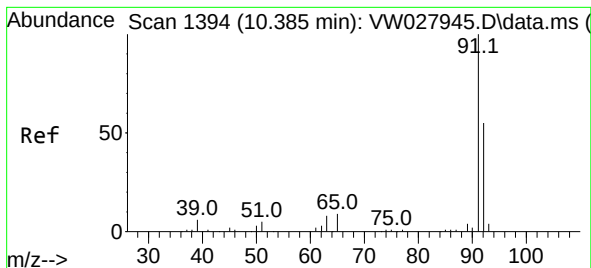
Ion Ratio Lower Upper

43 100

58 47.1 36.7 55.1

100 22.3 18.4 27.6





#42

Toluene

Concen: 24.846 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

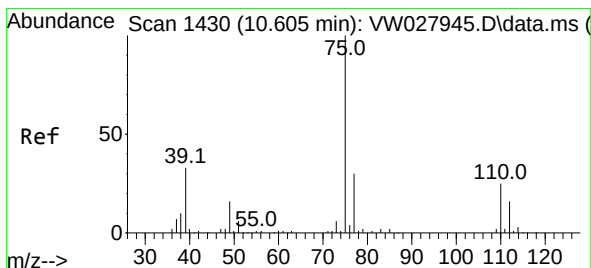
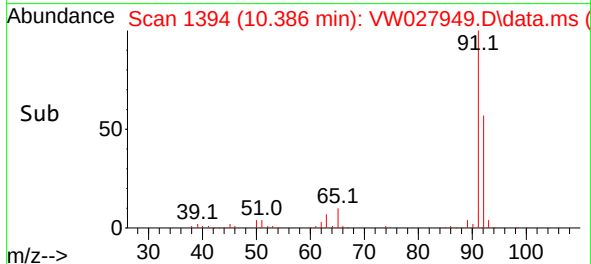
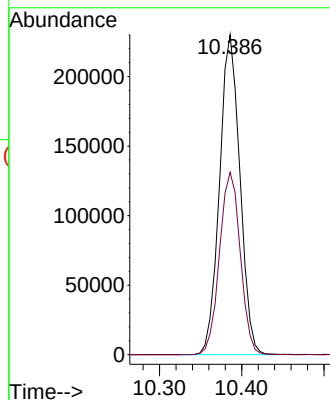
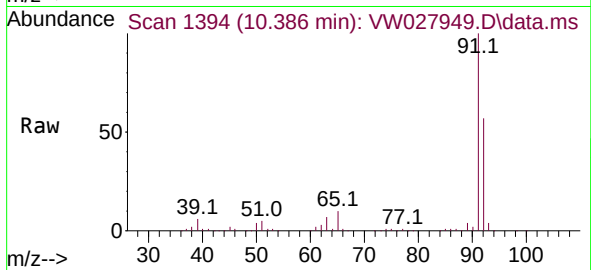
ClientSampleId :

Tgt Ion: 91 Resp: 397149

Ion Ratio Lower Upper

91 100

92 57.0 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 27.291 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027949.D

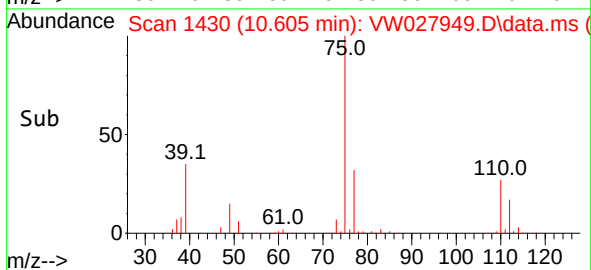
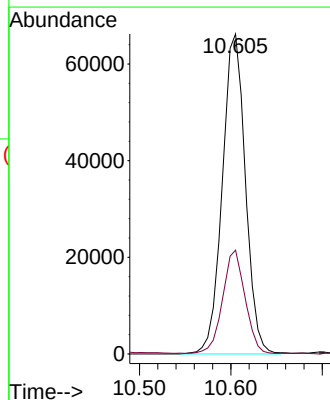
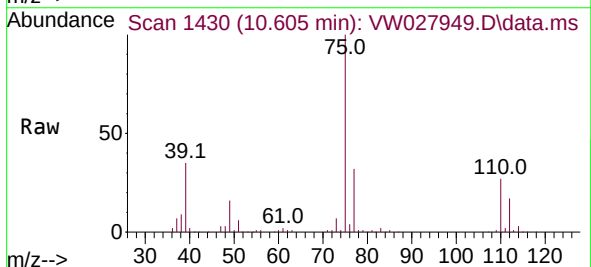
Acq: 05 Feb 2024 12:45

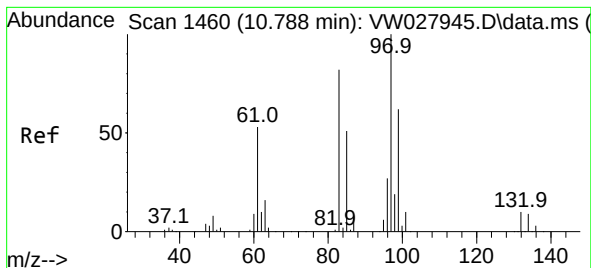
Tgt Ion: 75 Resp: 116310

Ion Ratio Lower Upper

75 100

77 32.4 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 27.421 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 72712

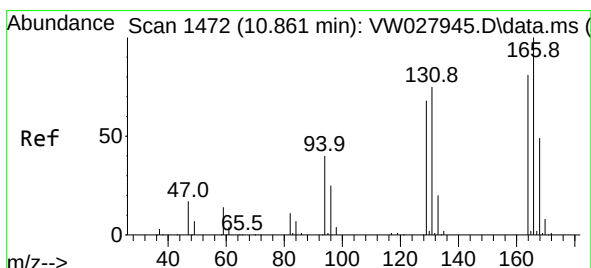
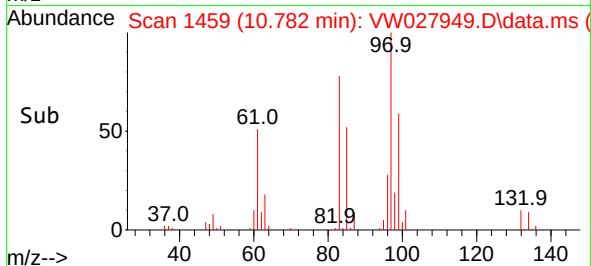
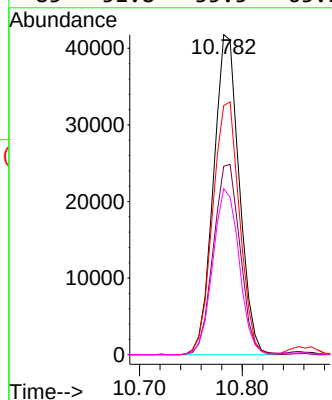
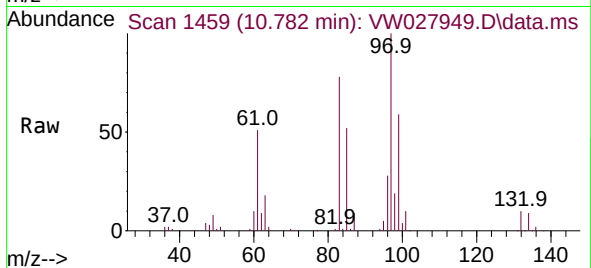
Ion Ratio Lower Upper

97 100

99 58.9 43.3 80.5

83 77.9 57.2 106.2

85 51.8 35.5 65.9



#46

Tetrachloroethene

Concen: 24.358 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Tgt Ion:164 Resp: 83882

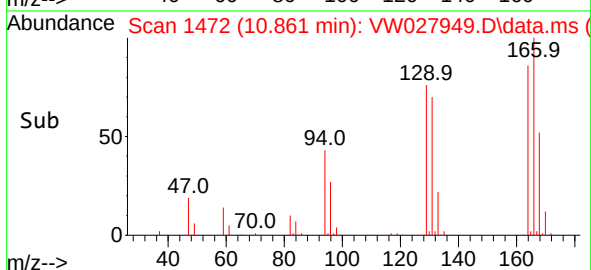
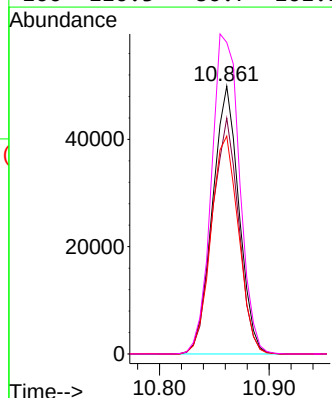
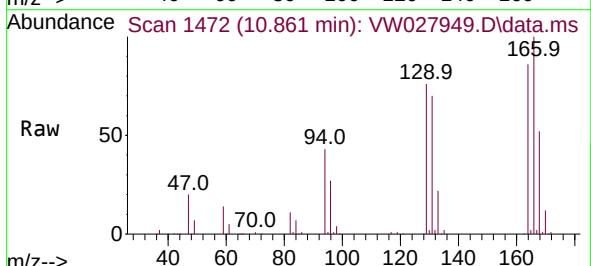
Ion Ratio Lower Upper

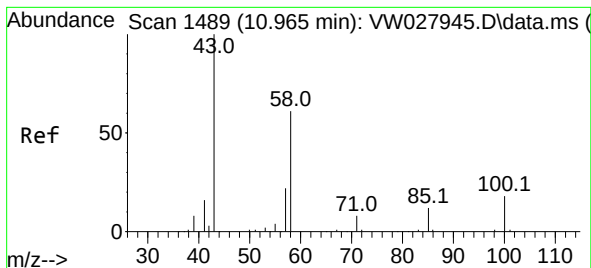
164 100

129 88.1 59.4 110.2

131 81.4 65.0 120.6

166 116.3 86.7 161.1





#48

2-Hexanone

Concen: 61.642 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

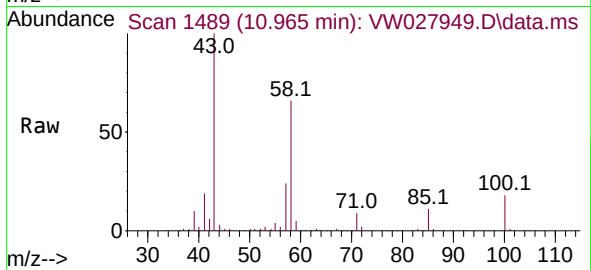
Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 59037

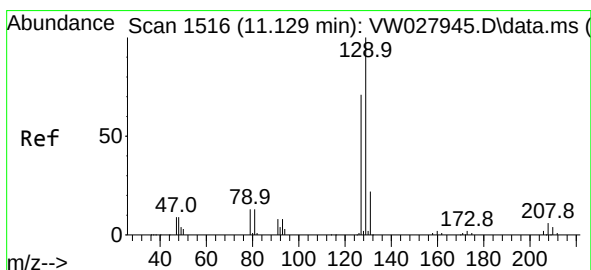
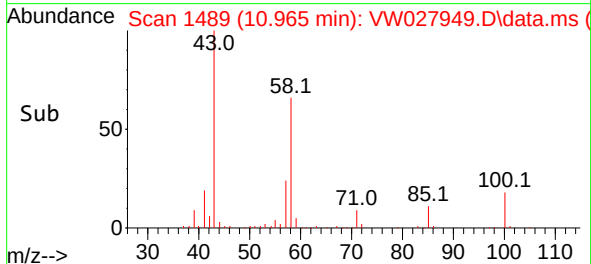
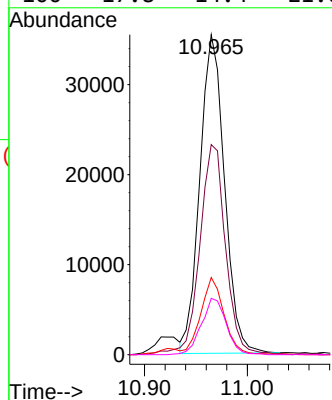
Ion Ratio Lower Upper

43 100

58 69.0 51.4 77.2

57 23.1 17.4 26.2

100 17.8 14.4 21.6



#49

Dibromochloromethane

Concen: 27.155 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027949.D

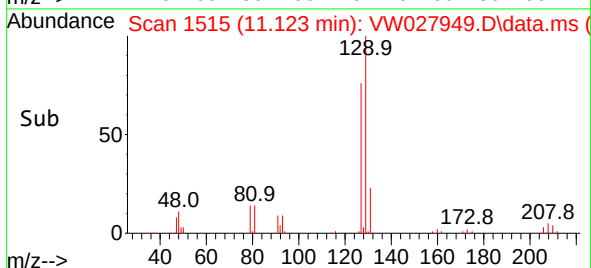
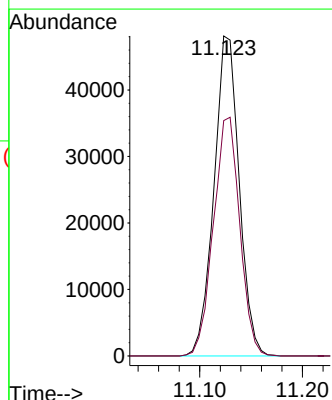
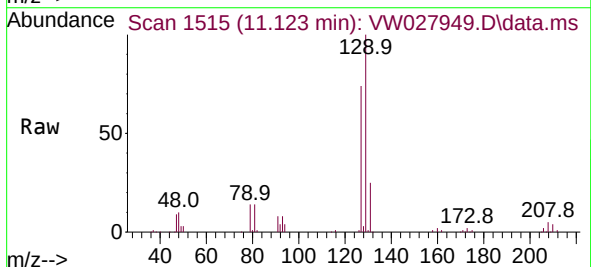
Acq: 05 Feb 2024 12:45

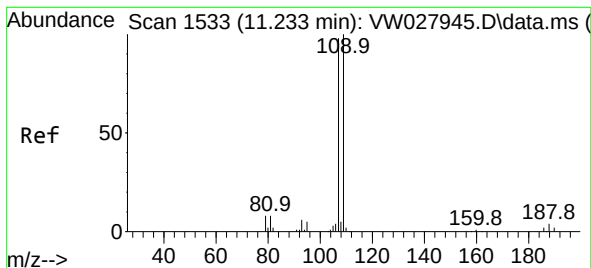
Tgt Ion: 129 Resp: 82091

Ion Ratio Lower Upper

129 100

127 73.5 49.6 92.0

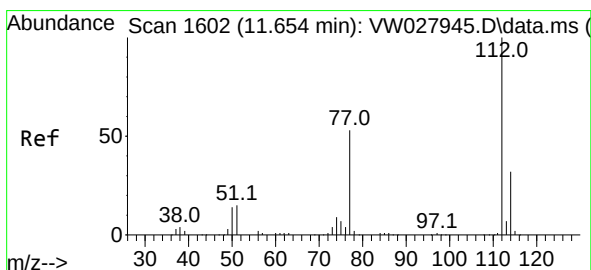
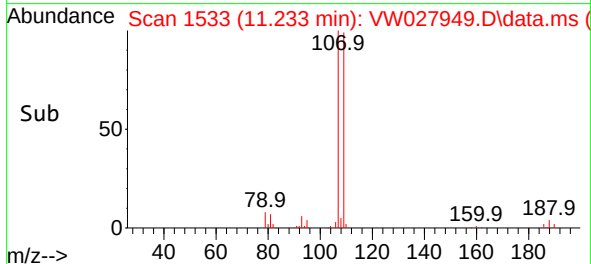
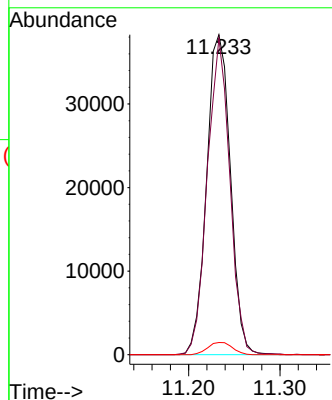
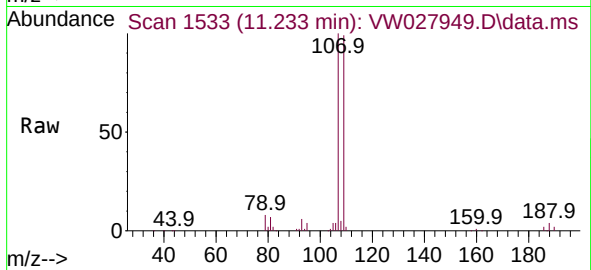




#50
1,2-Dibromoethane
Concen: 27.961 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

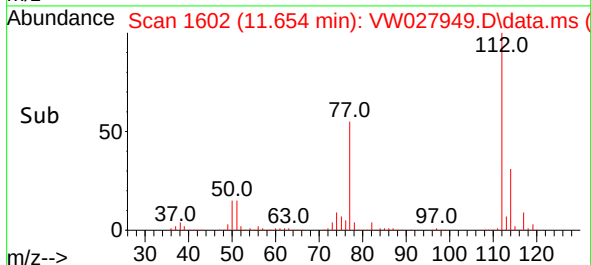
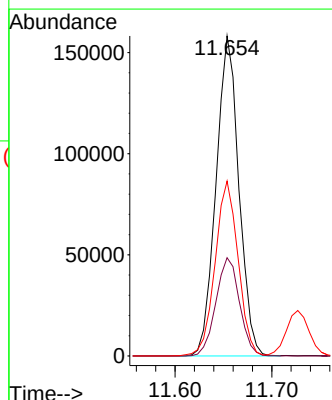
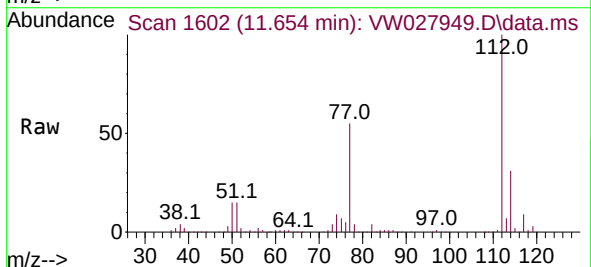
Instrument :
MSVOA_W
ClientSampleId :

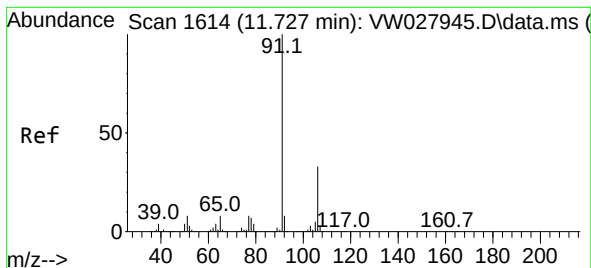
Tgt Ion:107 Resp: 69207
Ion Ratio Lower Upper
107 100
109 98.8 71.2 132.2
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 24.375 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion:112 Resp: 259146
Ion Ratio Lower Upper
112 100
114 30.7 22.7 42.3
77 54.7 42.6 64.0





#52

Ethylbenzene

Concen: 24.265 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

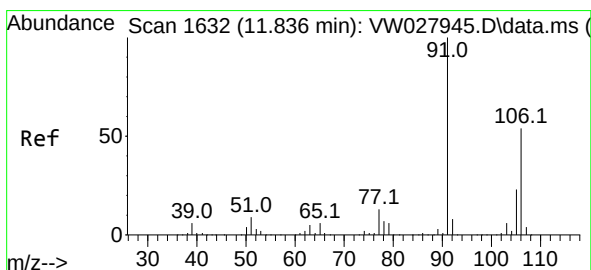
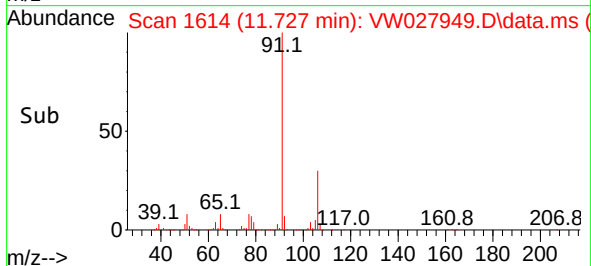
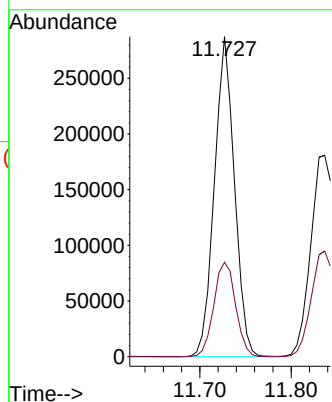
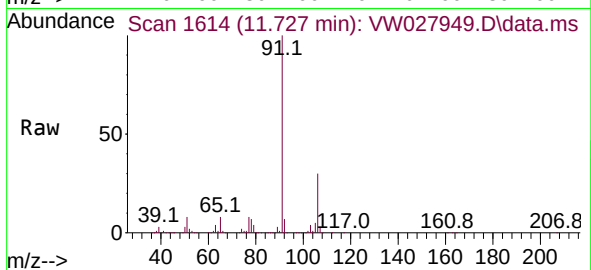
ClientSampleId :

Tgt Ion: 91 Resp: 437310

Ion Ratio Lower Upper

91 100

106 29.5 22.8 42.4



#53

m,p-Xylene

Concen: 25.192 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027949.D

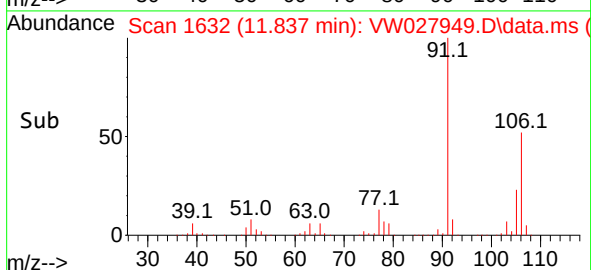
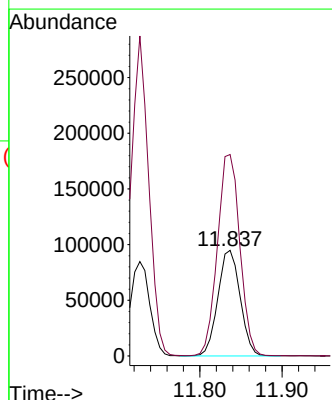
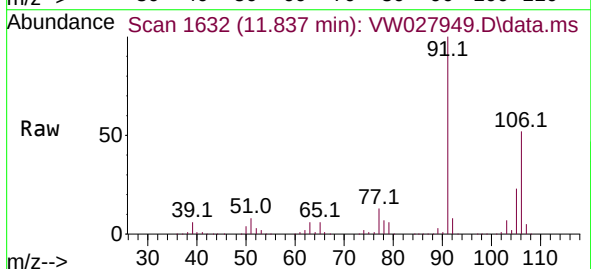
Acq: 05 Feb 2024 12:45

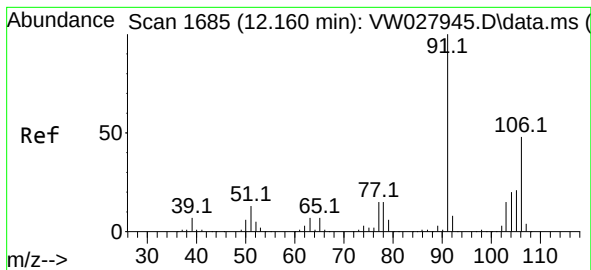
Tgt Ion:106 Resp: 178053

Ion Ratio Lower Upper

106 100

91 190.8 130.0 241.4

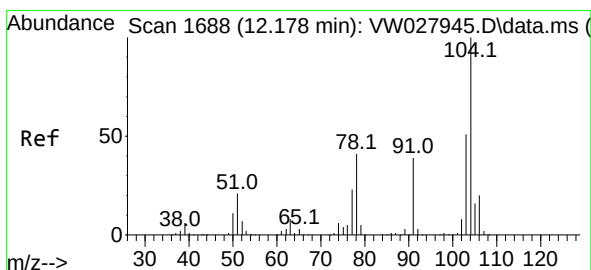
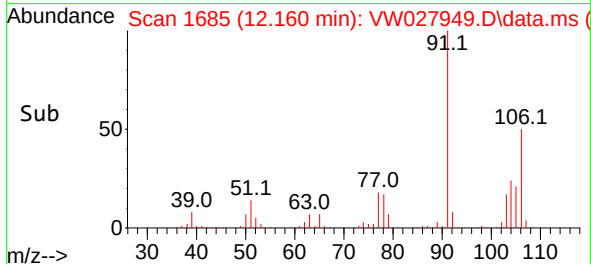
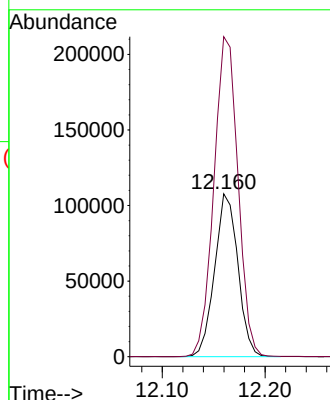
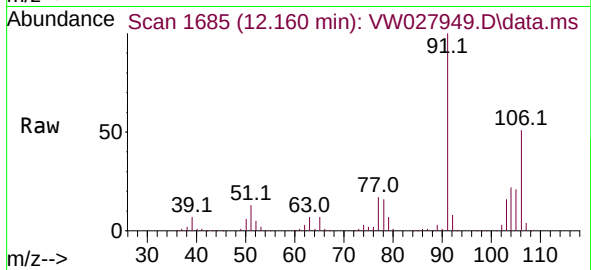




#54
o-Xylene
Concen: 25.493 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

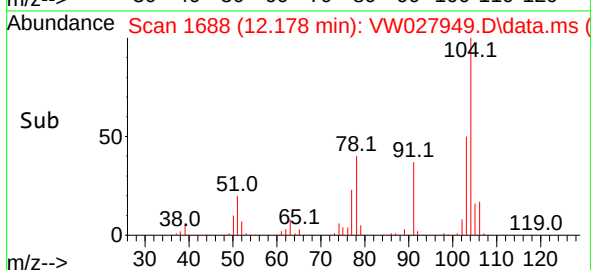
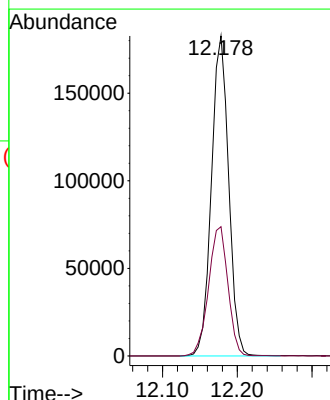
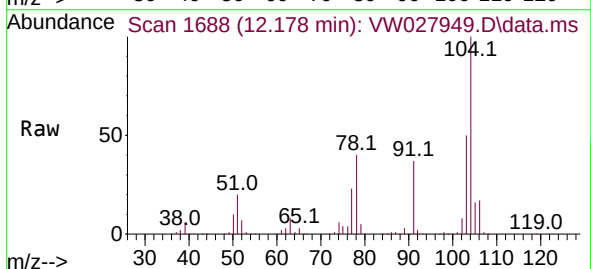
Instrument :
MSVOA_W
ClientSampleId :

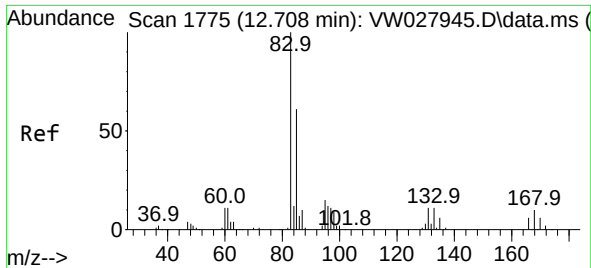
Tgt Ion:106 Resp: 168989
Ion Ratio Lower Upper
106 100
91 196.4 146.4 272.0



#55
Styrene
Concen: 26.499 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion:104 Resp: 292584
Ion Ratio Lower Upper
104 100
78 40.4 28.3 52.7

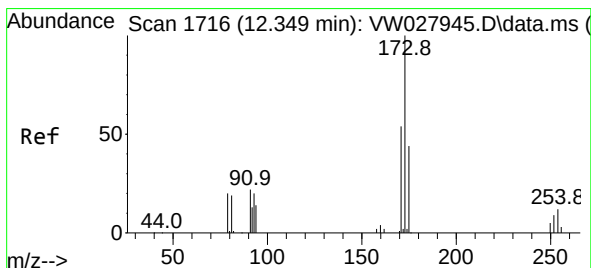
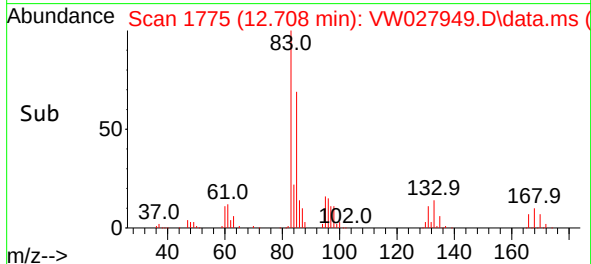
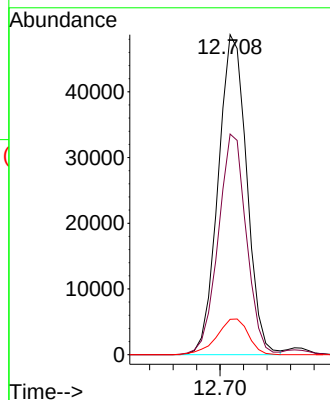
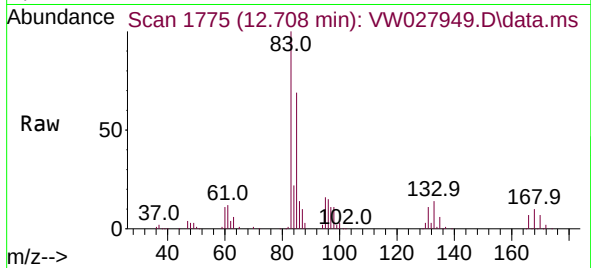




#57
1,1,2,2-Tetrachloroethane
Concen: 28.945 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

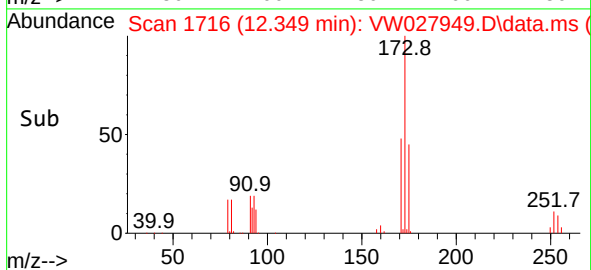
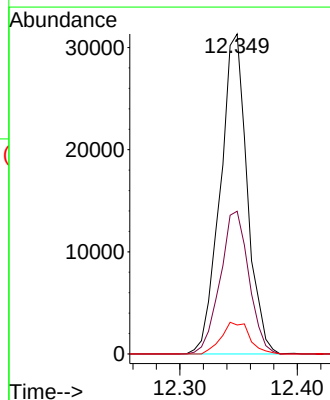
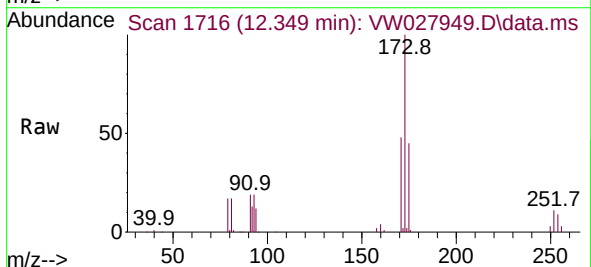
Instrument :
MSVOA_W
ClientSampleId :

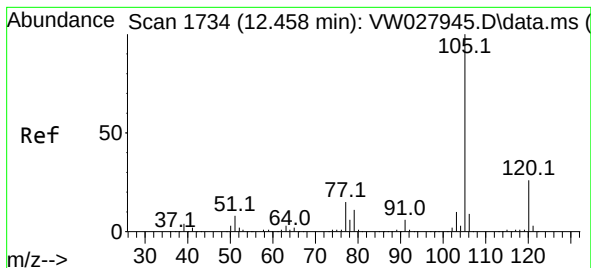
Tgt Ion: 83 Resp: 82191
Ion Ratio Lower Upper
83 100
85 68.9 42.9 79.7
131 11.0 8.7 13.1



#59
Bromoform
Concen: 27.865 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion:173 Resp: 49941
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.8
254 10.4 8.4 12.6





#60

Isopropylbenzene

Concen: 24.118 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :

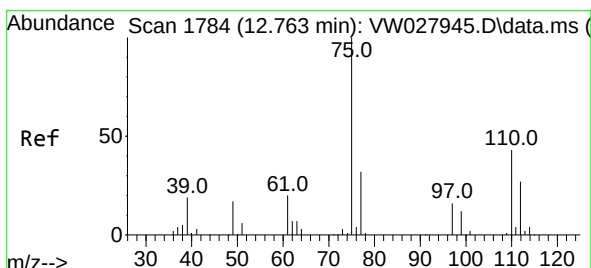
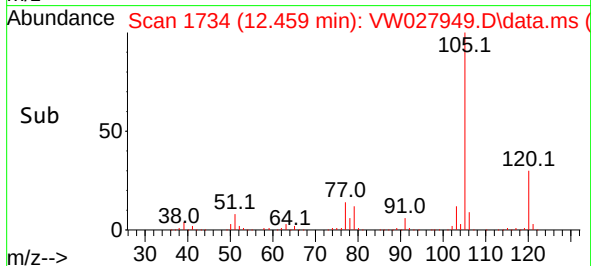
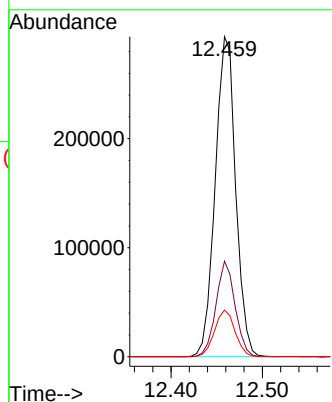
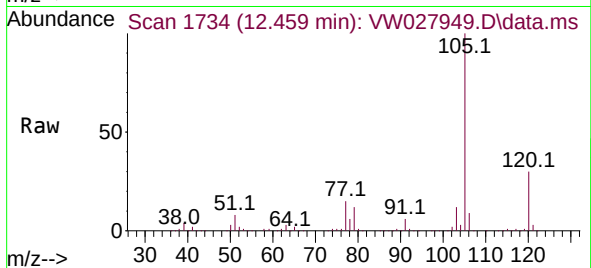
Tgt Ion:105 Resp: 457280

Ion Ratio Lower Upper

105 100

120 27.9 22.2 33.2

77 14.6 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 28.209 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

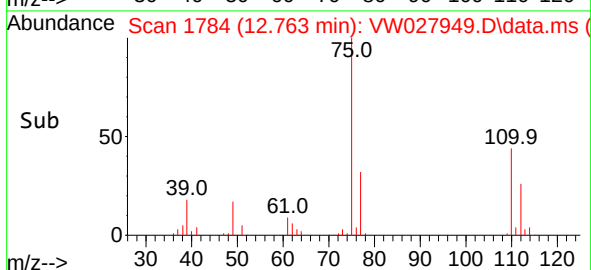
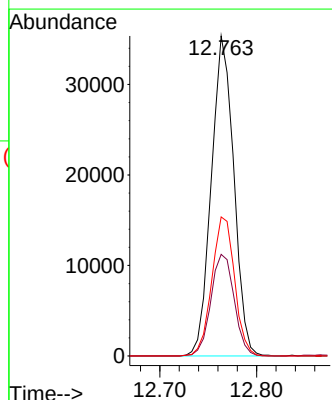
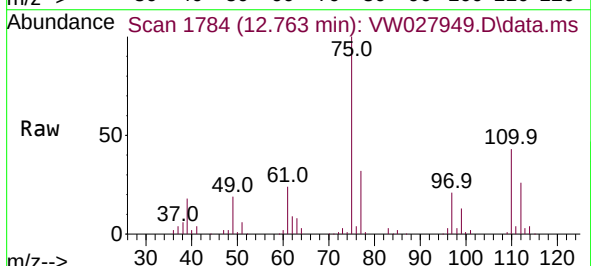
Tgt Ion: 75 Resp: 57166

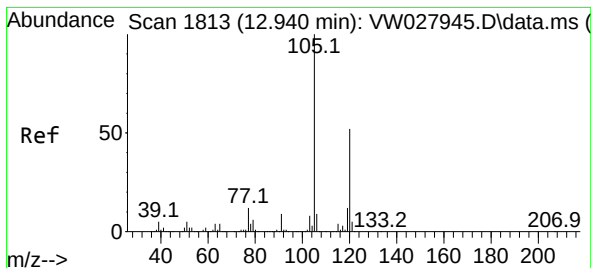
Ion Ratio Lower Upper

75 100

77 32.9 26.5 39.7

110 43.9 35.8 53.8





#62

1,3,5-Trimethylbenzene

Concen: 24.637 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

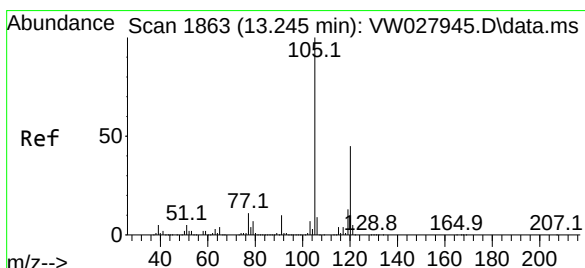
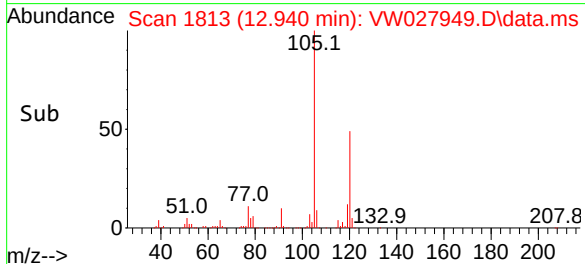
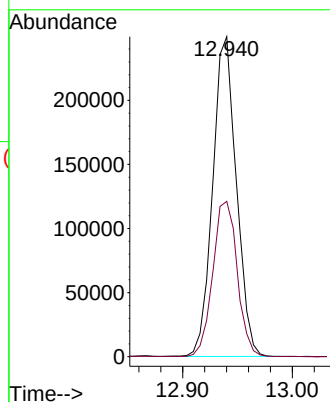
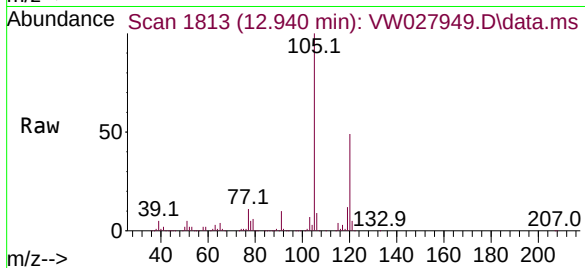
ClientSampleId :

Tgt Ion:105 Resp: 373799

Ion Ratio Lower Upper

105 100

120 50.4 40.3 60.5



#63

1,2,4-Trimethylbenzene

Concen: 25.403 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027949.D

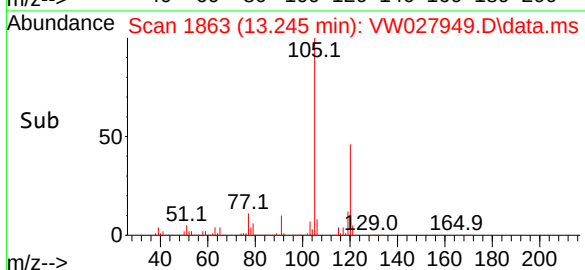
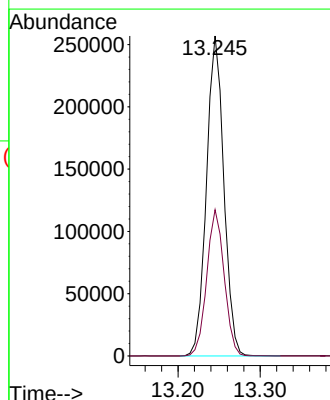
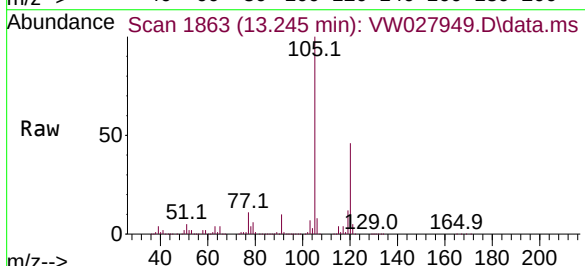
Acq: 05 Feb 2024 12:45

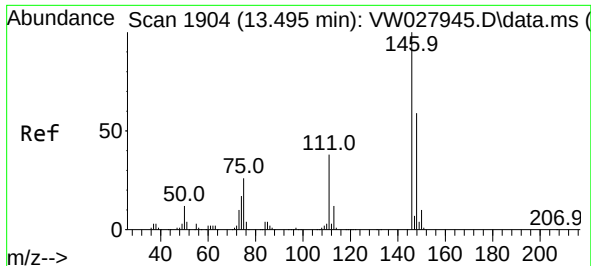
Tgt Ion:105 Resp: 377146

Ion Ratio Lower Upper

105 100

120 45.8 36.4 54.6

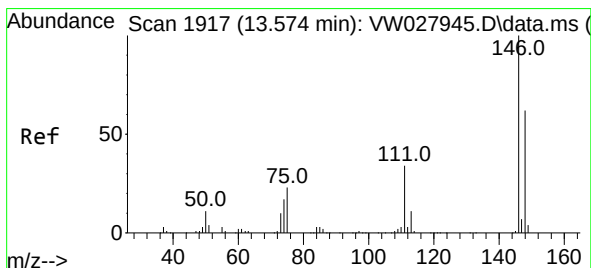
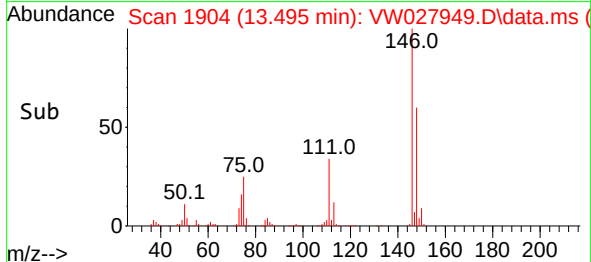
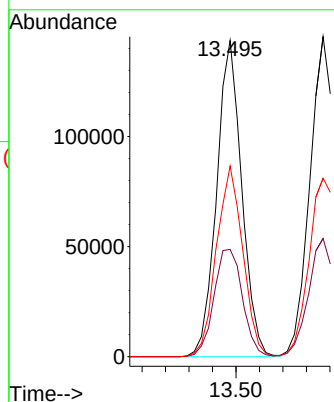
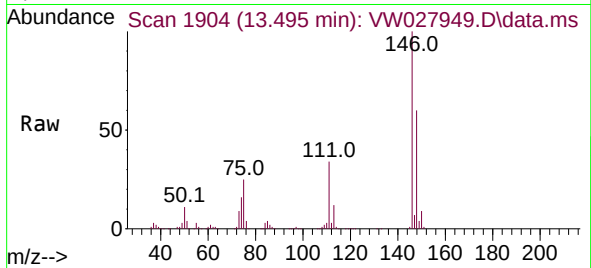




#64
1,3-Dichlorobenzene
Concen: 24.503 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

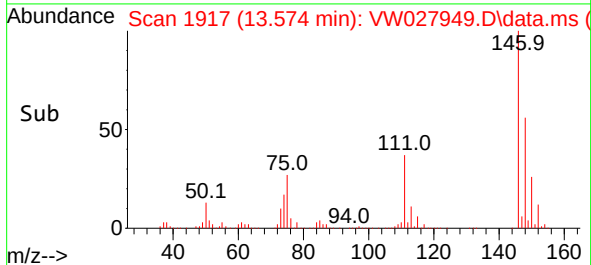
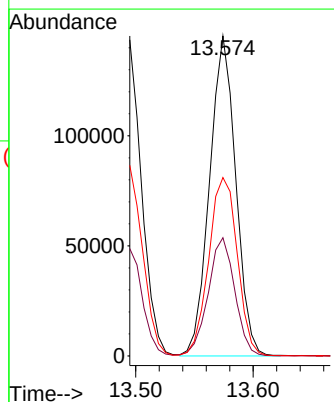
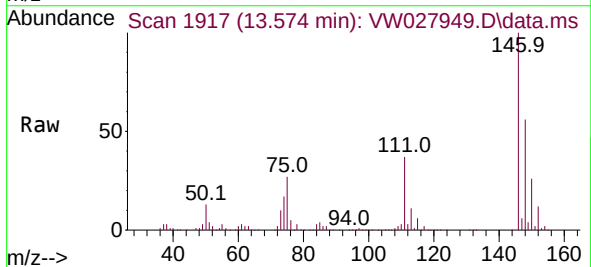
Instrument :
MSVOA_W
ClientSampleId :

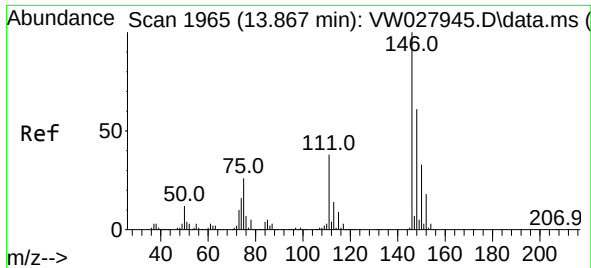
Tgt Ion:146 Resp: 213411
Ion Ratio Lower Upper
146 100
111 34.0 26.9 49.9
148 60.3 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 25.455 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027949.D
Acq: 05 Feb 2024 12:45

Tgt Ion:146 Resp: 225420
Ion Ratio Lower Upper
146 100
111 37.0 24.1 44.8
148 55.8 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.157 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

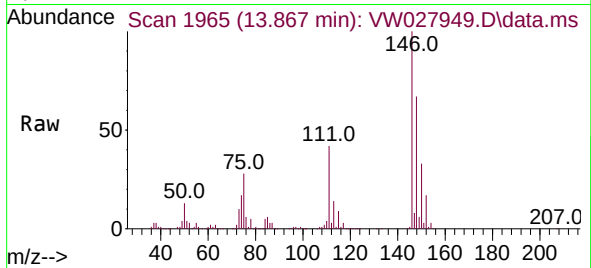
Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :



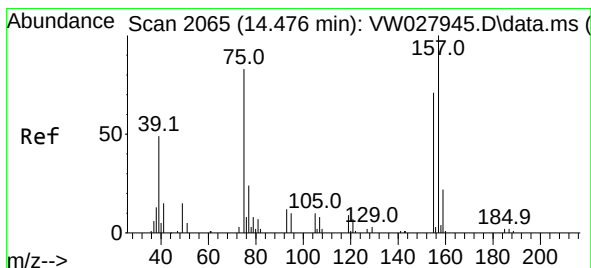
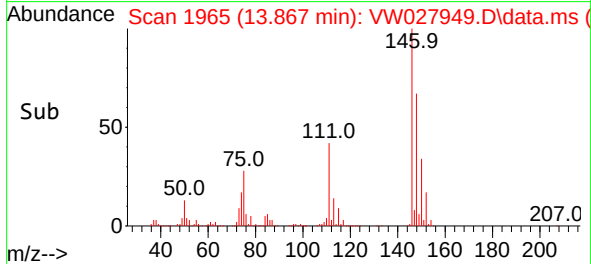
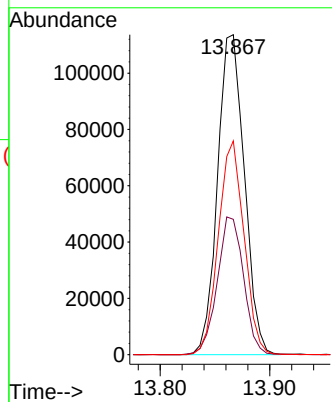
Tgt Ion:146 Resp: 193527

Ion Ratio Lower Upper

146 100

111 42.3 30.6 46.0

148 66.8 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 30.876 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

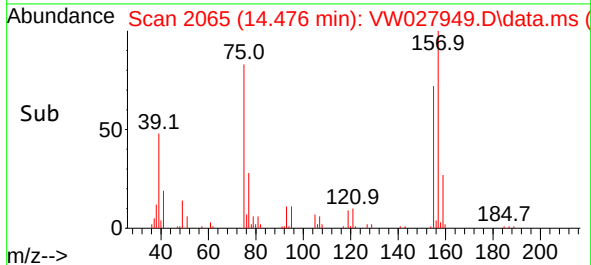
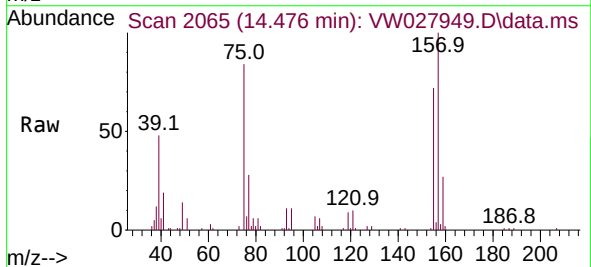
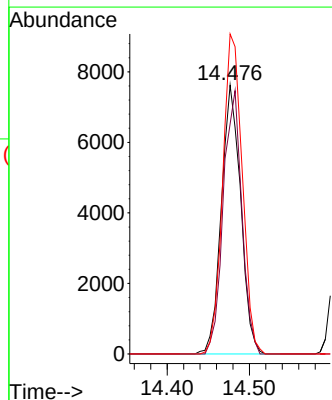
Tgt Ion: 75 Resp: 12423

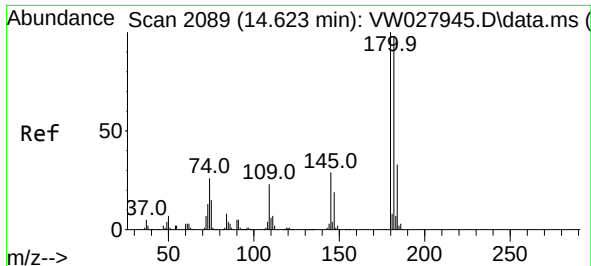
Ion Ratio Lower Upper

75 100

155 85.6 68.7 103.1

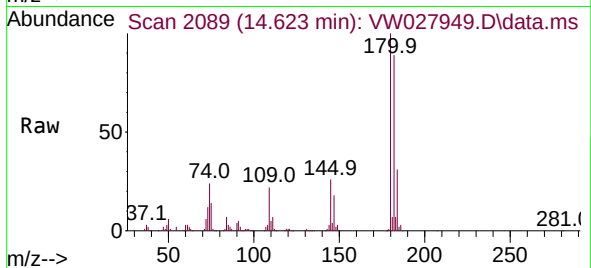
157 119.1 96.7 145.1



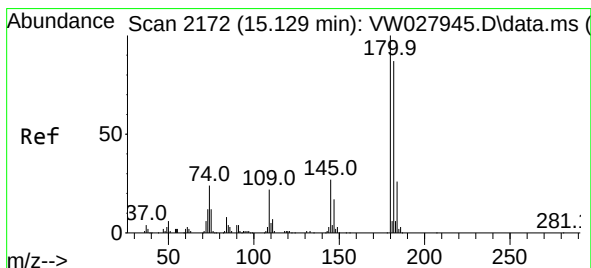
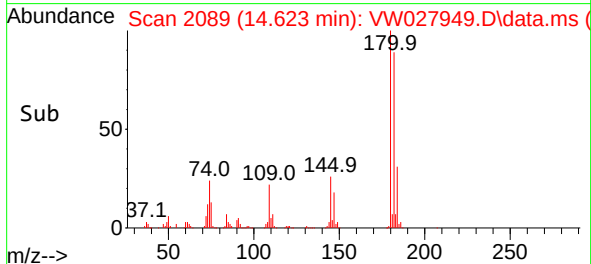
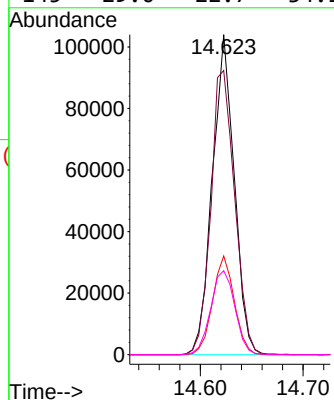


#69
 1,3,5-Trichlorobenzene
 Concen: 24.619 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027949.D
 Acq: 05 Feb 2024 12:45

Instrument :
 MSVOA_W
 ClientSampleId :

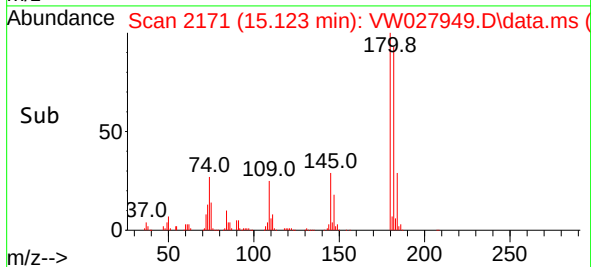
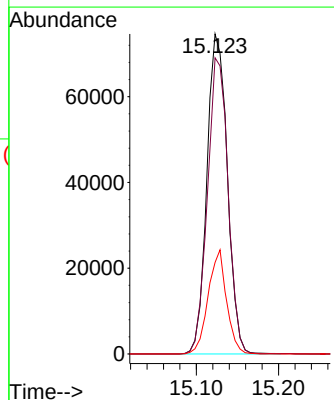
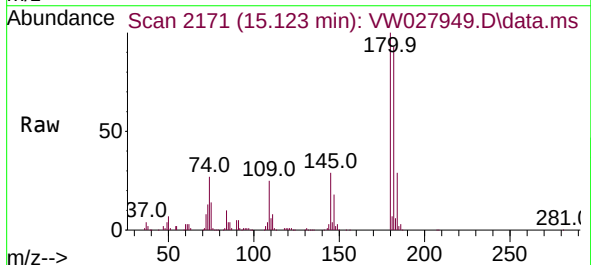


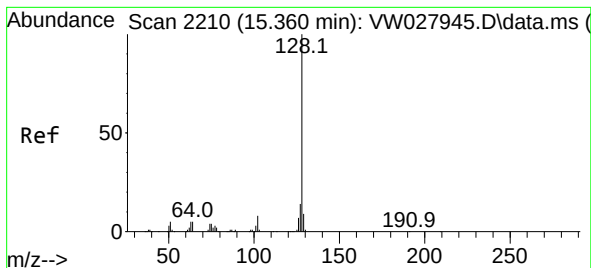
Tgt Ion:180 Resp: 153970
 Ion Ratio Lower Upper
 180 100
 182 96.8 72.1 108.1
 184 30.6 24.4 36.6
 145 29.0 22.7 34.1



#70
 1,2,4-trichlorobenzene
 Concen: 25.548 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027949.D
 Acq: 05 Feb 2024 12:45

Tgt Ion:180 Resp: 129029
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.0 115.6
 145 29.3 23.4 35.0





#71

Naphthalene

Concen: 29.801 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Instrument :

MSVOA_W

ClientSampleId :

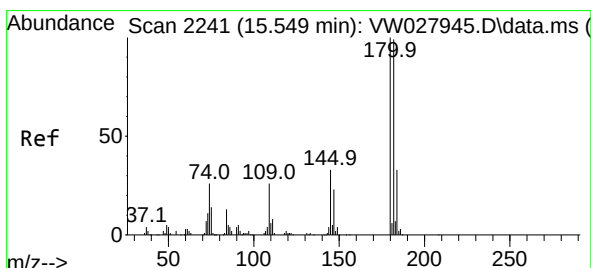
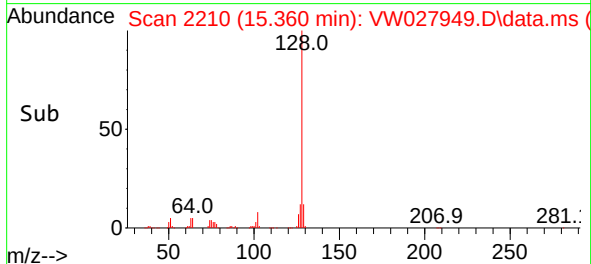
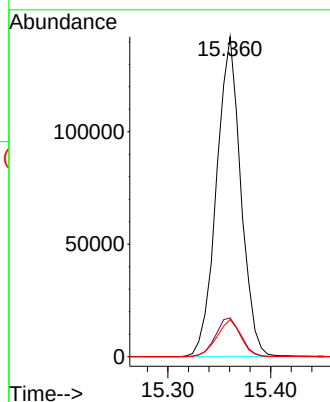
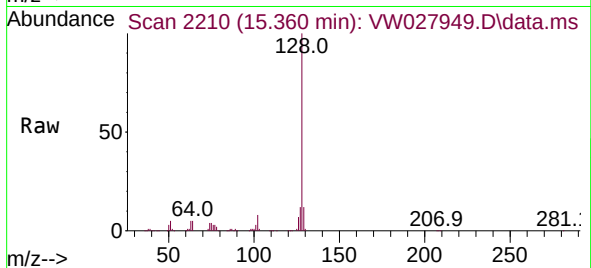
Tgt Ion:128 Resp: 233882

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.4 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 27.733 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027949.D

Acq: 05 Feb 2024 12:45

Tgt Ion:180 Resp: 116860

Ion Ratio Lower Upper

180 100

182 93.1 76.5 114.7

145 30.5 25.8 38.8

