

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032524\
 Data File : VW028242.D
 Acq On : 25 Mar 2024 14:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 01:18:59 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	220040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102744	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51633	20.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.200%
7) Chloroethane-d5	2.905	69	42097	23.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	4.027	65	35488	21.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.081	46	43211	56.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.654	84	171631	26.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.307	65	93921	26.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.080%
32) Benzene-d6	8.276	84	322230	26.562	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.240%
36) 1,2-Dichloropropane-d6	9.276	67	96991	27.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.120%
41) Toluene-d8	10.325	98	294241	26.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	10.575	79	43261	27.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.120%
47) 2-Hexanone-d5	10.922	63	35101	60.827	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76060	29.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	102161	27.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.021	85	58183	18.228 ug/L	# 87
3) Chloromethane	2.228	50	44644	19.720 ug/L	99
5) Vinyl chloride	2.381	62	57064	22.298 ug/L	99
6) Bromomethane	2.795	94	35897	23.553 ug/L	91
8) Chloroethane	2.942	64	32461	23.599 ug/L	98
9) Trichlorofluoromethane	3.277	101	67819	21.919 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	70458	22.923 ug/L	96
12) 1,1-Dichloroethene	4.045	96	66591	23.436 ug/L	95
13) Acetone	4.143	43	32485	38.530 ug/L	100
14) Carbon disulfide	4.393	76	196979	22.227 ug/L	99
15) Methyl Acetate	4.679	43	29850	22.985 ug/L	98
16) Methylene chloride	4.917	84	74486	22.241 ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	72190	23.907 ug/L	96
18) Methyl tert-butyl Ether	5.429	73	119149	26.153 ug/L	99
19) 1,1-Dichloroethane	6.222	63	141385	24.185 ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80153	24.577 ug/L	98
22) 2-Butanone	7.179	43	42076	43.955 ug/L	96
23) Bromochloromethane	7.520	128	35722	24.776 ug/L	95
25) Chloroform	7.679	83	148856	24.734 ug/L	99

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 Response via : Initial Calibration

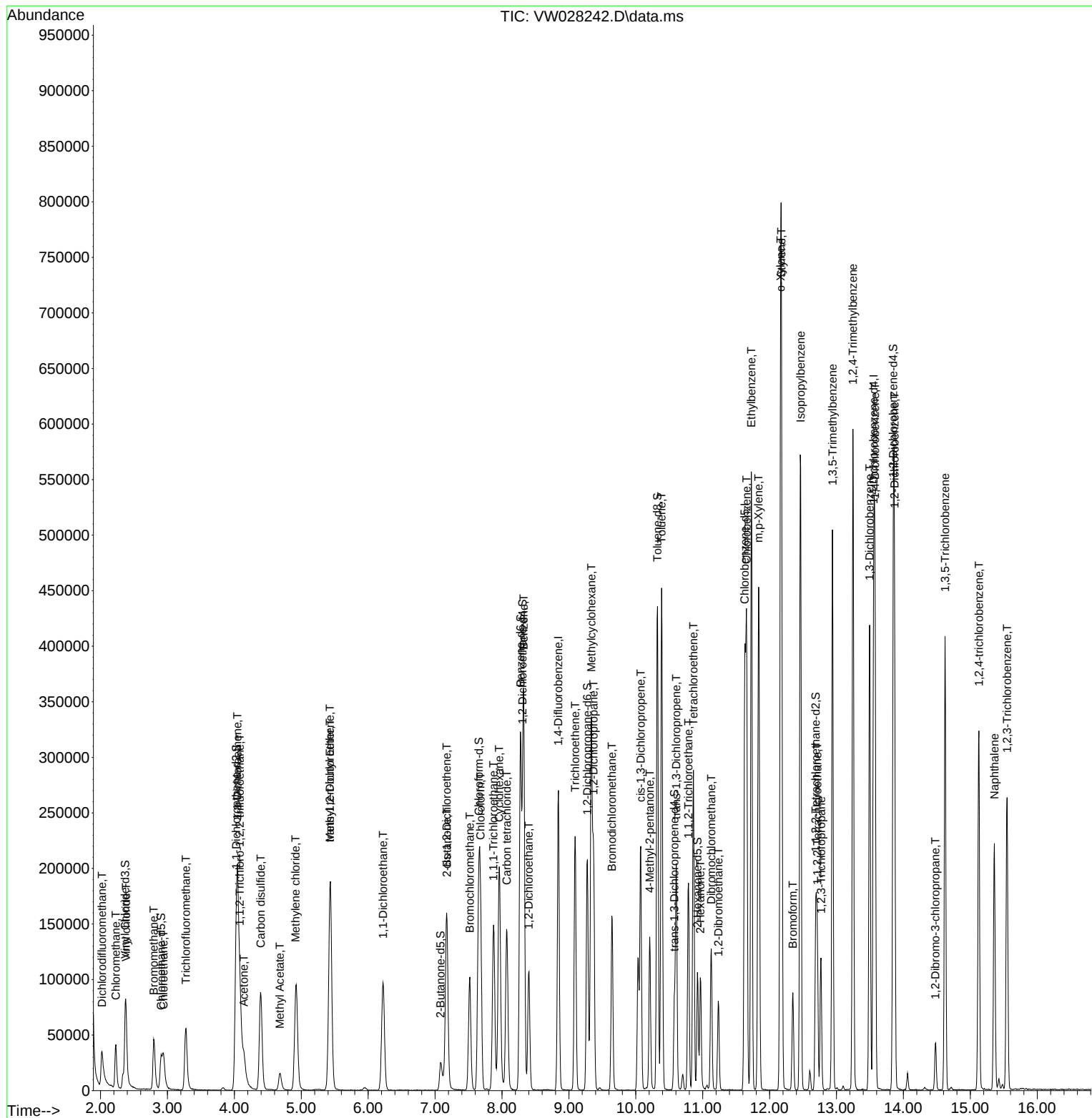
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	100547	23.658	ug/L	96
29) Cyclohexane	7.959	56	119107	22.982	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	124719	23.945	ug/L	99
31) Carbon tetrachloride	8.069	117	113128	23.155	ug/L	98
33) Benzene	8.325	78	304005	24.864	ug/L	100
34) Trichloroethene	9.093	95	82083	24.062	ug/L	96
35) Methylcyclohexane	9.337	83	130206	22.581	ug/L	99
37) 1,2-Dichloropropane	9.367	63	79423	25.396	ug/L	100
38) Bromodichloromethane	9.642	83	105654	25.057	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	127095	25.376	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	88395	51.206	ug/L	97
42) Toluene	10.386	91	329501	24.692	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109331	25.855	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	58230	25.770	ug/L	98
46) Tetrachloroethene	10.861	164	65813	23.934	ug/L	96
48) 2-Hexanone	10.965	43	63971	47.307	ug/L	98
49) Dibromochloromethane	11.129	129	66525	24.859	ug/L	95
50) 1,2-Dibromoethane	11.233	107	54738	25.335	ug/L	100
51) Chlorobenzene	11.654	112	208724	24.643	ug/L	97
52) Ethylbenzene	11.727	91	382866	24.578	ug/L	99
53) m,p-Xylene	11.837	106	143984	24.562	ug/L	96
54) o-Xylene	12.166	106	139021	25.574	ug/L	97
55) Styrene	12.178	104	240815	25.790	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	66675	25.798	ug/L	95
59) Bromoform	12.349	173	41012	26.638	ug/L	97
60) Isopropylbenzene	12.464	105	375495	24.598	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	48745	24.859	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	261274	25.508	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	318459	25.749	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	169707	24.919	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	166996	24.522	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	156628	26.707	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11264	24.454	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	124721	26.291	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	102817	25.513	ug/L	97
71) Naphthalene	15.360	128	185141	26.766	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88244	26.561	ug/L	98

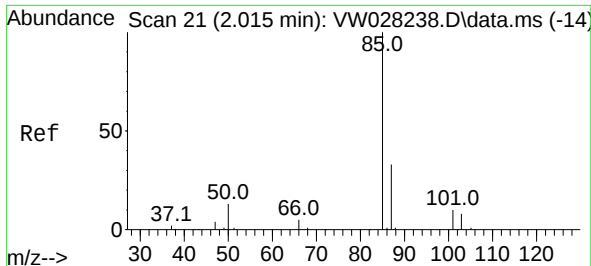
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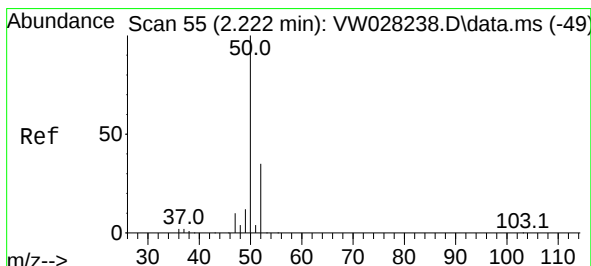
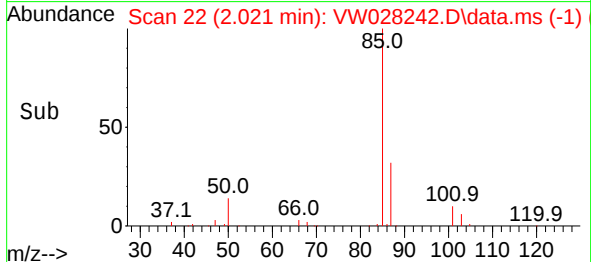
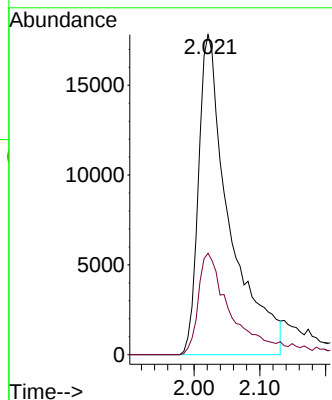
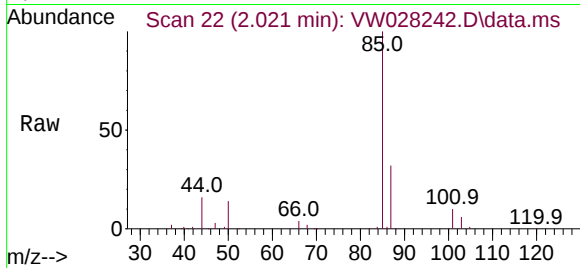




#2
 Dichlorodifluoromethane
 Concen: 18.228 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028242.D
 Acq: 25 Mar 2024 14:08

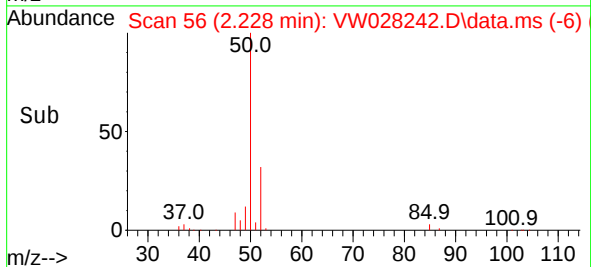
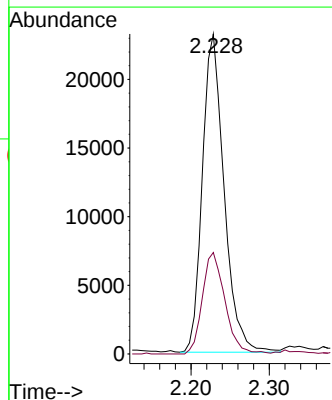
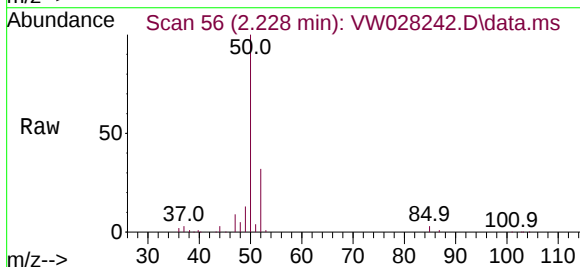
Instrument :
 MSVOA_W
 ClientSampleId :

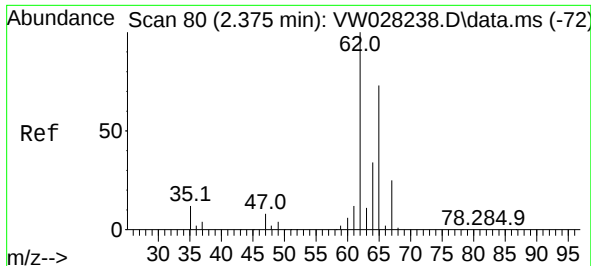
Tgt Ion: 85 Resp: 58183
 Ion Ratio Lower Upper
 85 100
 87 32.6 20.9 31.3#



#3
 Chloromethane
 Concen: 19.720 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028242.D
 Acq: 25 Mar 2024 14:08

Tgt Ion: 50 Resp: 44644
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.1





#5

Vinyl chloride

Concen: 22.298 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

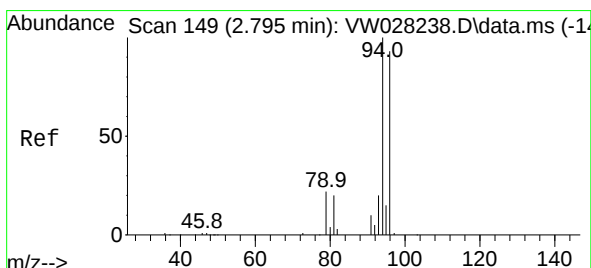
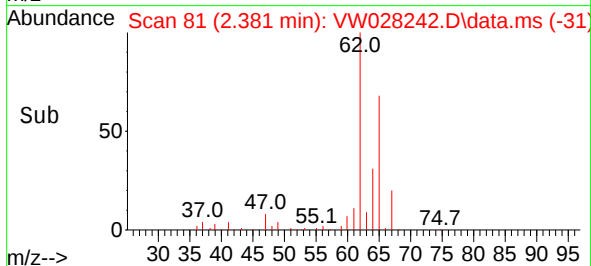
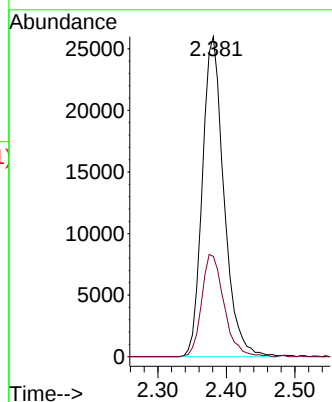
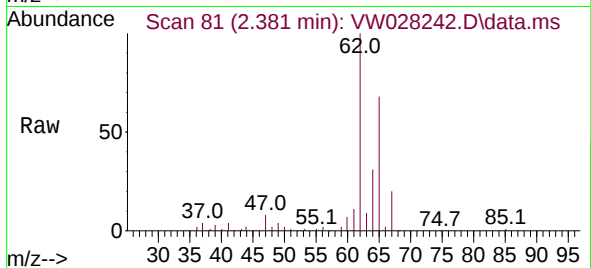
ClientSampleId :

Tgt Ion: 62 Resp: 57064

Ion Ratio Lower Upper

62 100

64 31.3 22.5 41.7



#6

Bromomethane

Concen: 23.553 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW028242.D

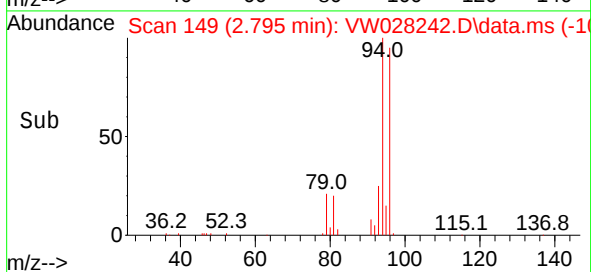
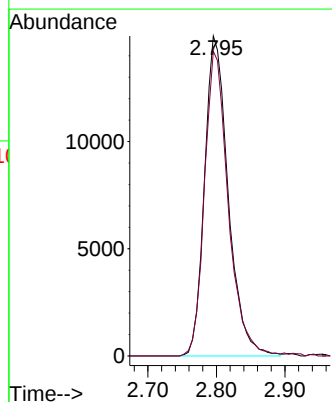
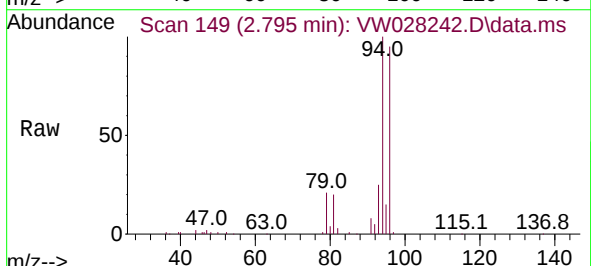
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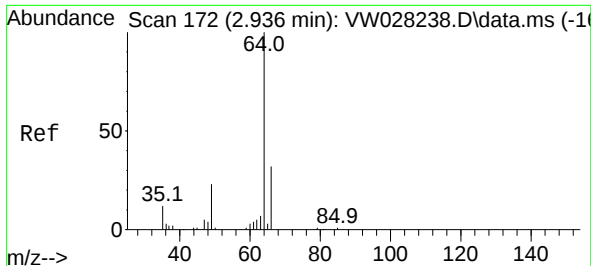
Tgt Ion: 94 Resp: 35897

Ion Ratio Lower Upper

94 100

96 95.2 60.8 113.0

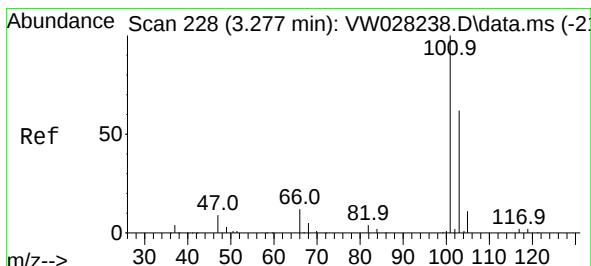
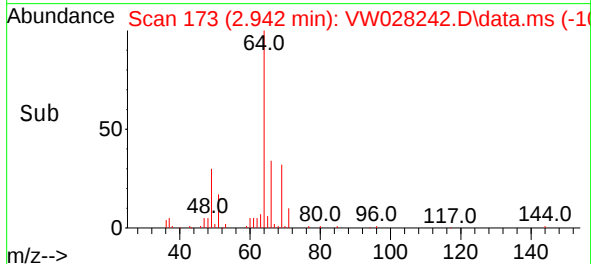
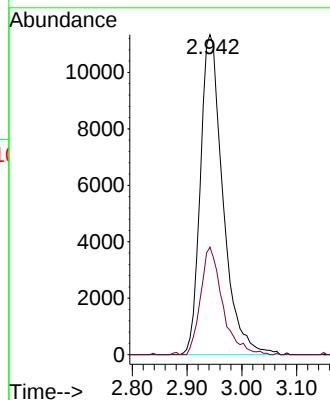
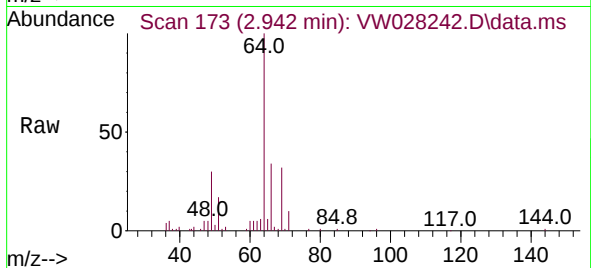




#8
Chloroethane
Concen: 23.599 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

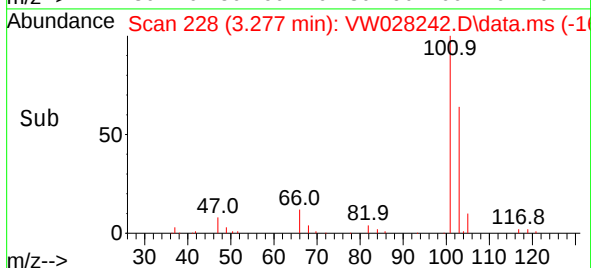
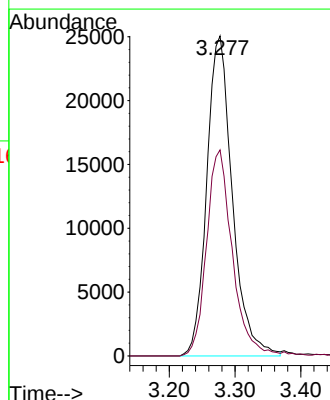
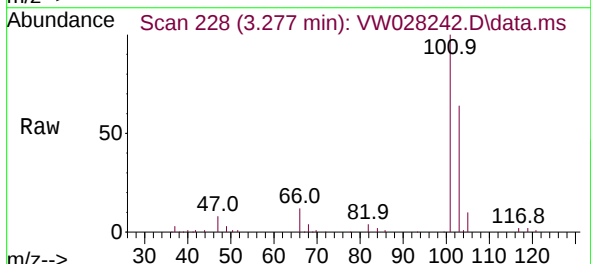
Instrument :
MSVOA_W
ClientSampleId :

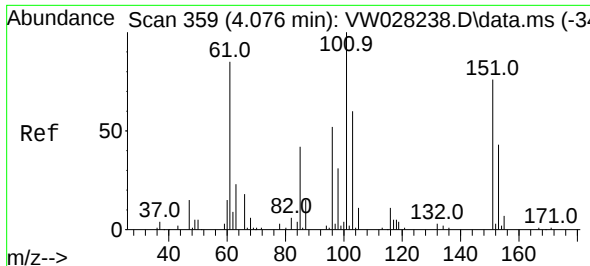
Tgt Ion: 64 Resp: 32461
Ion Ratio Lower Upper
64 100
66 33.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.919 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion:101 Resp: 67819
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3





#10

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

Concen: 22.923 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

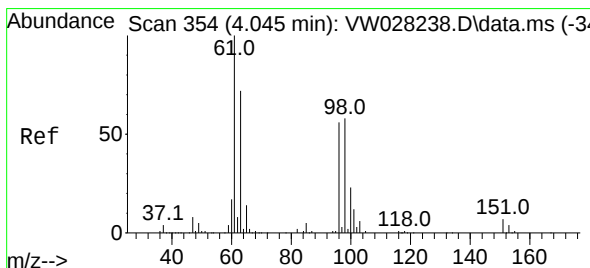
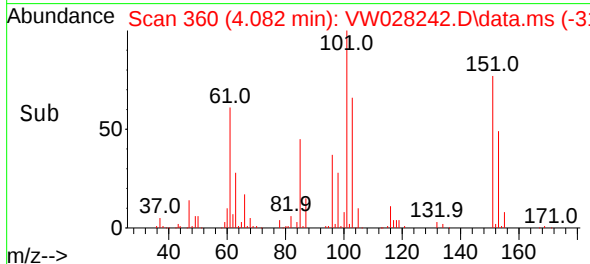
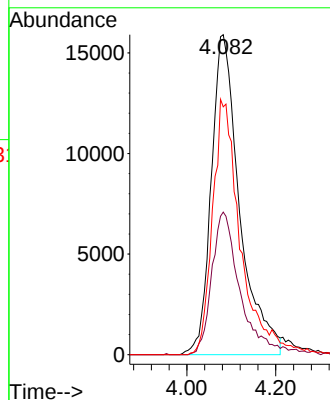
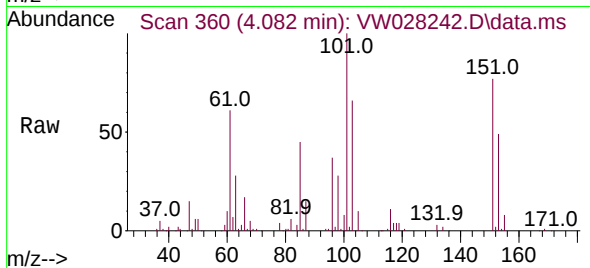
Tgt Ion:101 Resp: 70458

Ion Ratio Lower Upper

101 100

85 41.1 36.4 54.6

151 74.6 58.4 87.6



#12

1,1-Dichloroethene

Concen: 23.436 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

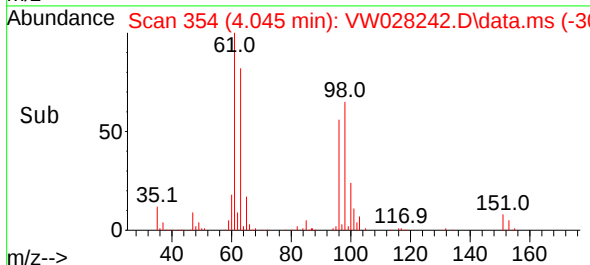
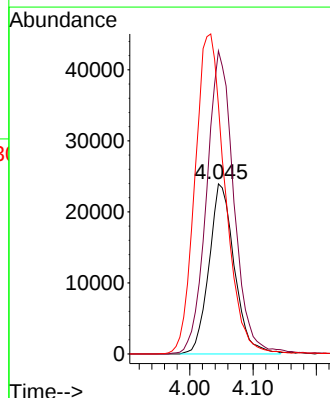
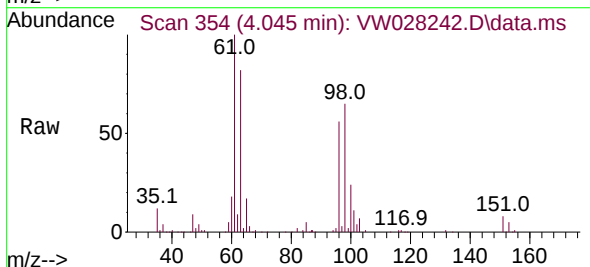
Tgt Ion: 96 Resp: 66591

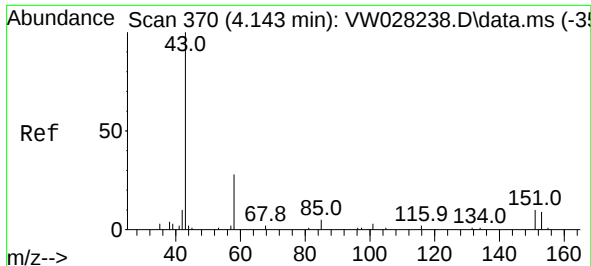
Ion Ratio Lower Upper

96 100

61 178.2 132.2 245.4

63 146.3 104.6 194.2





#13

Acetone

Concen: 38.530 ug/L

RT: 4.143 min Scan# 370

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

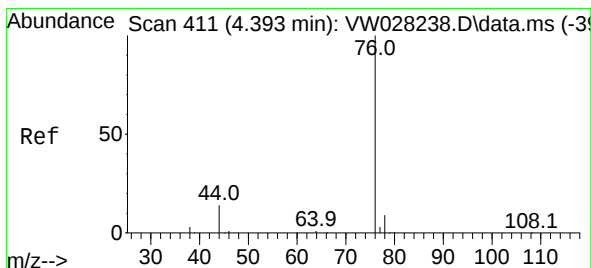
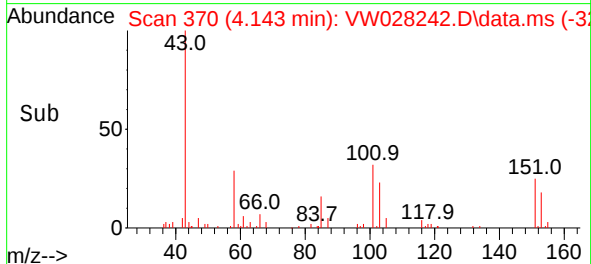
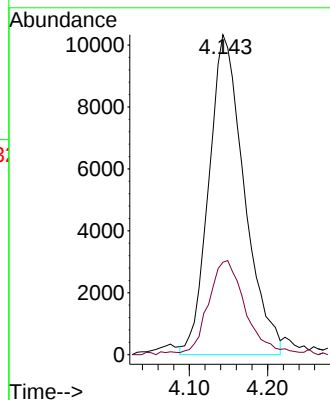
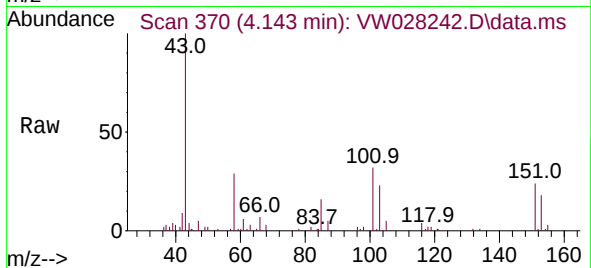
ClientSampleId :

Tgt Ion: 43 Resp: 32485

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.8



#14

Carbon disulfide

Concen: 22.227 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW028242.D

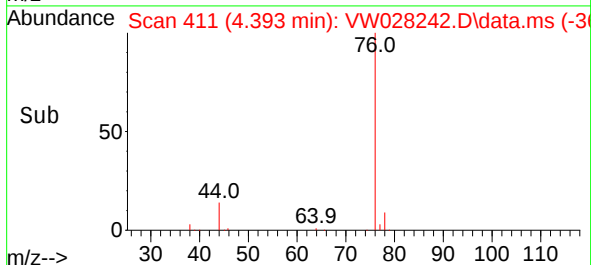
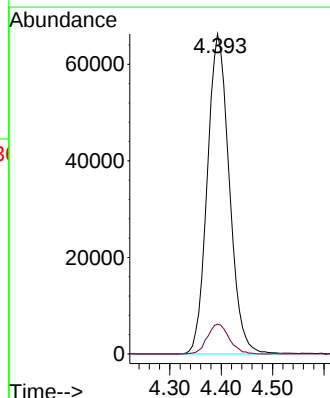
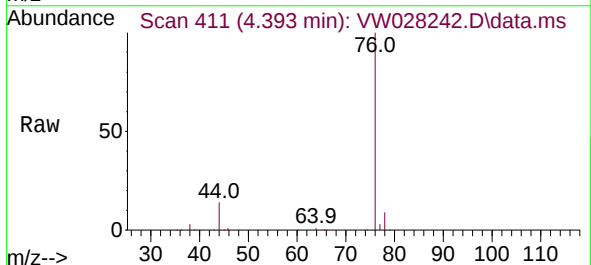
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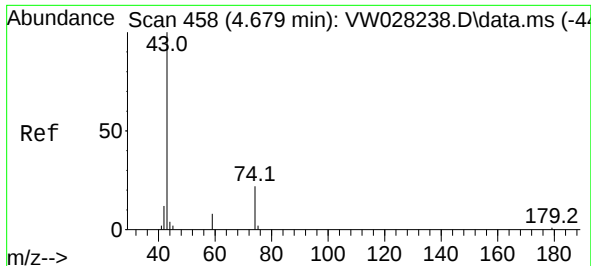
Tgt Ion: 76 Resp: 196979

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 22.985 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

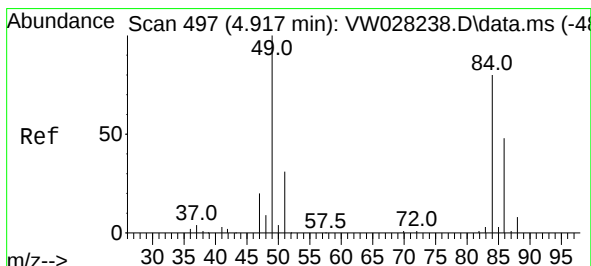
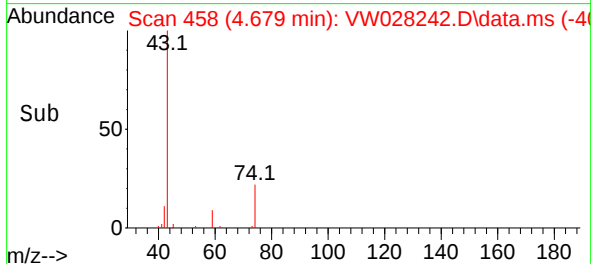
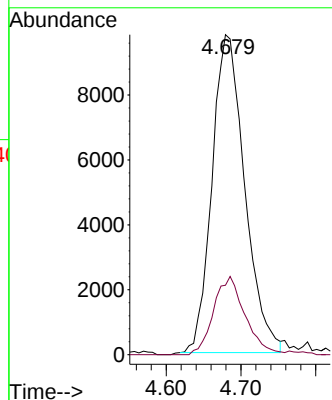
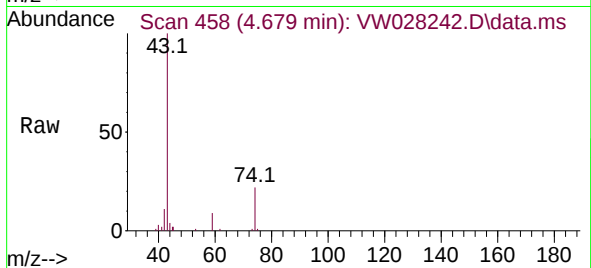
ClientSampleId :

Tgt Ion: 43 Resp: 29850

Ion Ratio Lower Upper

43 100

74 23.6 18.2 27.2



#16

Methylene chloride

Concen: 22.241 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

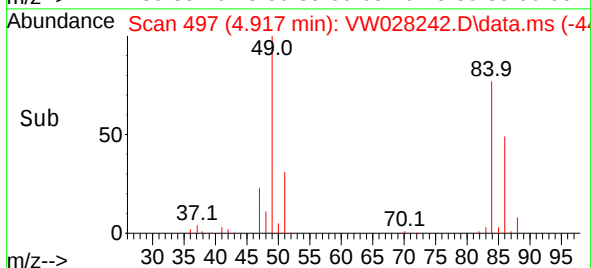
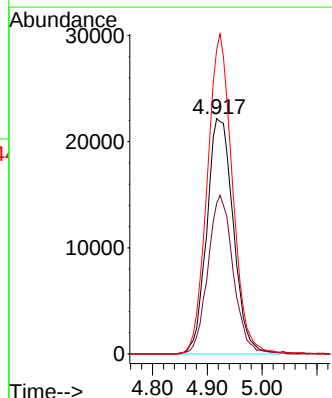
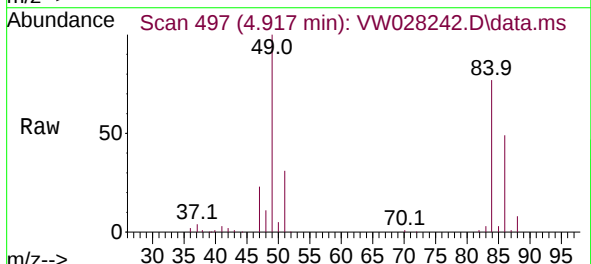
Tgt Ion: 84 Resp: 74486

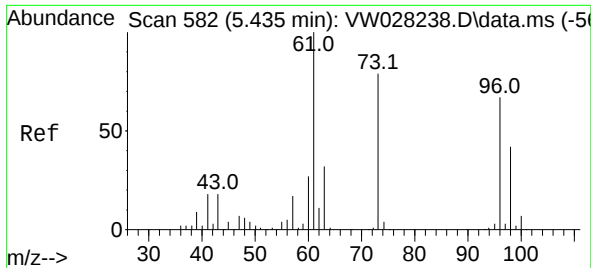
Ion Ratio Lower Upper

84 100

86 64.0 43.1 80.1

49 129.3 89.4 166.0

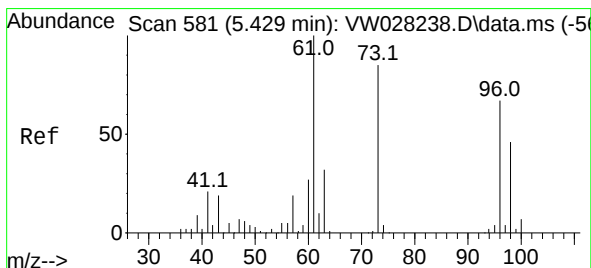
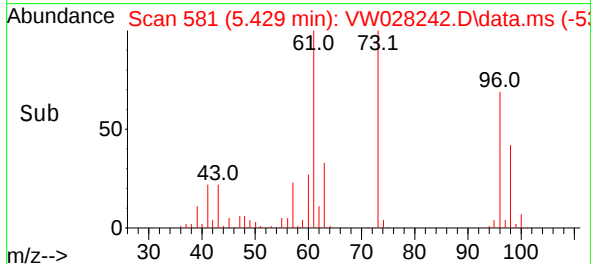
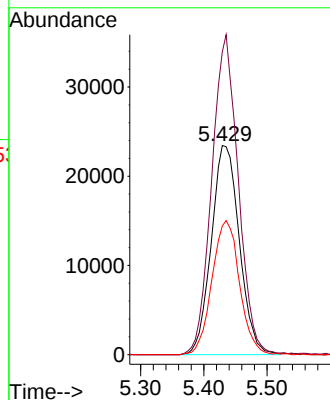
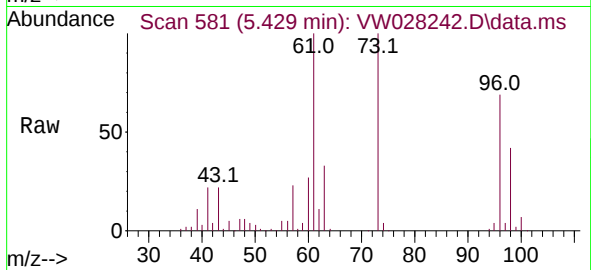




#17
trans-1,2-Dichloroethene
Concen: 23.907 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

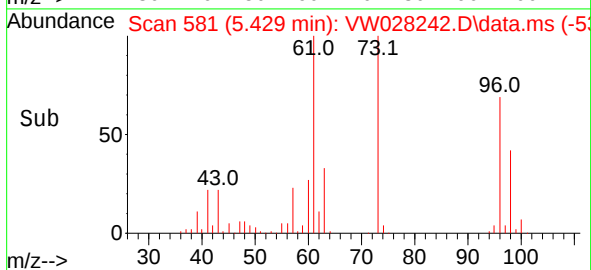
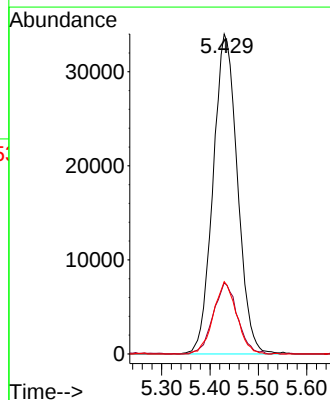
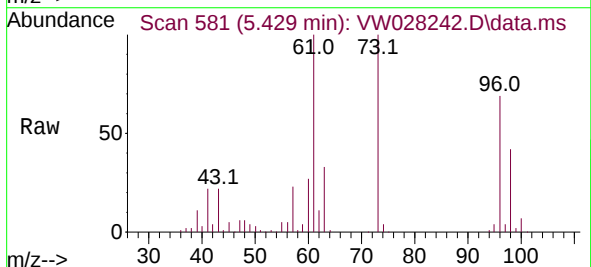
Instrument :
MSVOA_W
ClientSampleId :

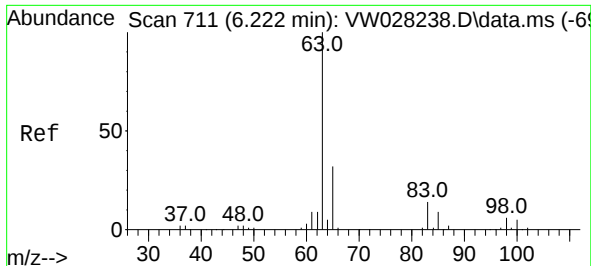
Tgt Ion: 96 Resp: 72190
Ion Ratio Lower Upper
96 100
61 144.7 98.4 182.8
98 61.5 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 26.153 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion: 73 Resp: 119149
Ion Ratio Lower Upper
73 100
43 21.9 18.2 27.4
57 21.5 17.4 26.2

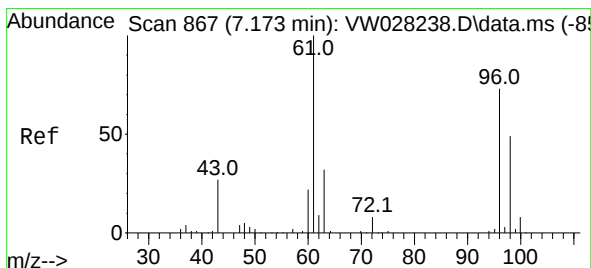
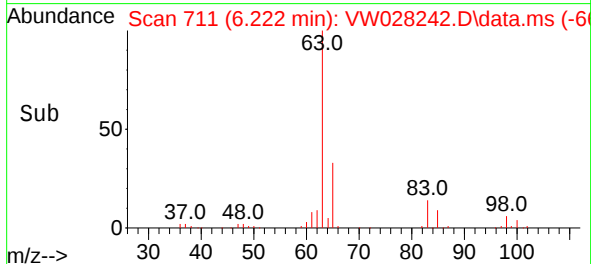
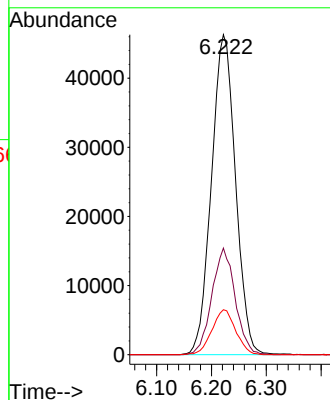
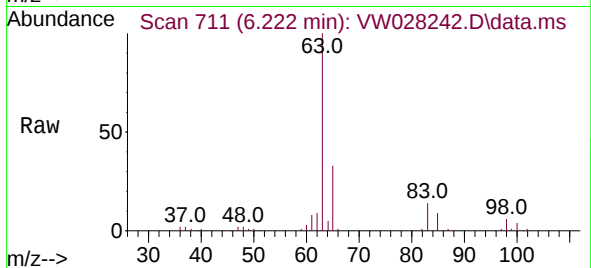




#19
1,1-Dichloroethane
Concen: 24.185 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

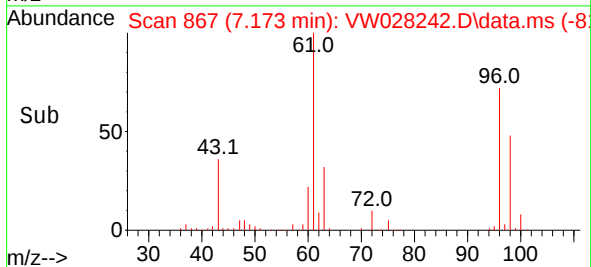
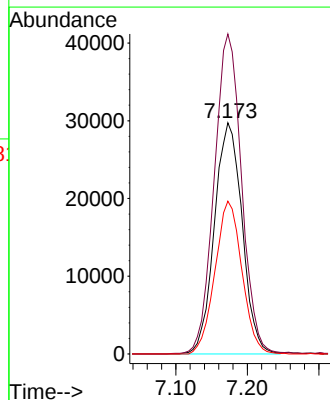
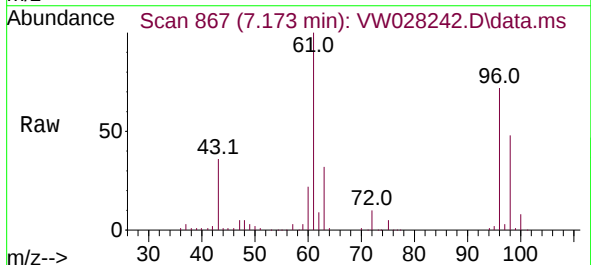
Instrument :
MSVOA_W
ClientSampleId :

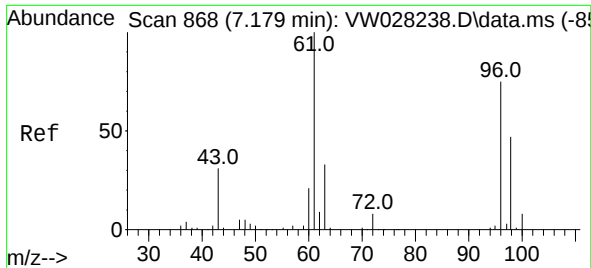
Tgt Ion: 63 Resp: 141385
Ion Ratio Lower Upper
63 100
65 33.3 22.1 41.1
83 14.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 24.577 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion: 96 Resp: 80153
Ion Ratio Lower Upper
96 100
61 138.4 95.7 177.7
98 66.1 43.9 81.5

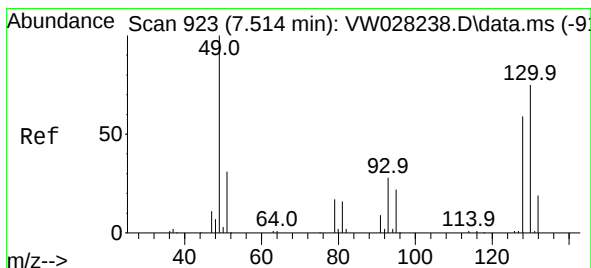
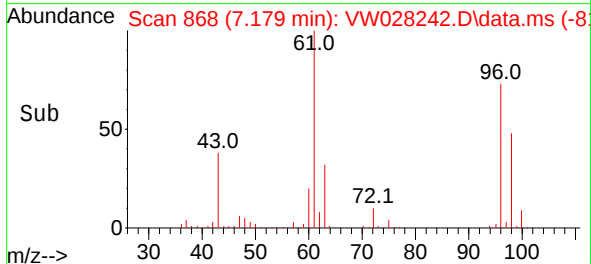
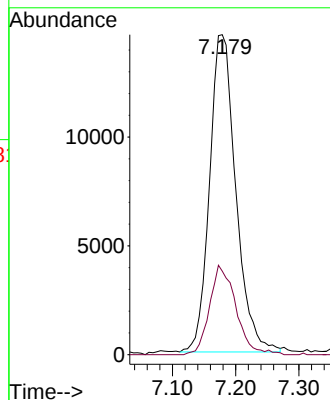
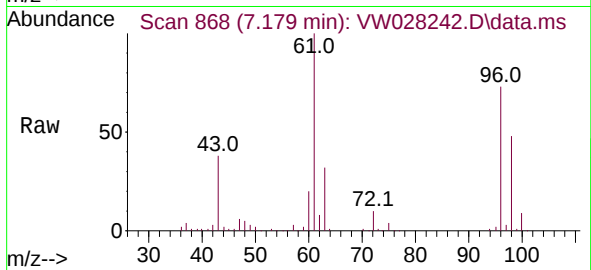




#22
2-Butanone
Concen: 43.955 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

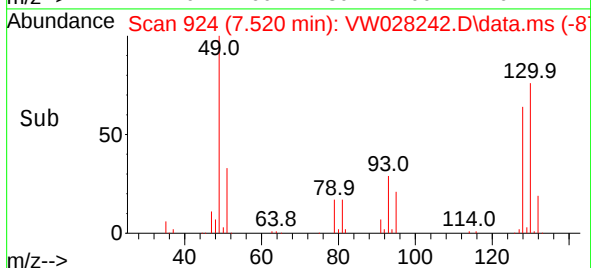
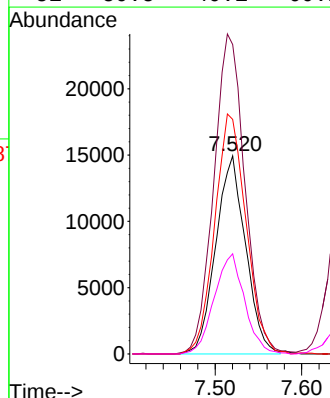
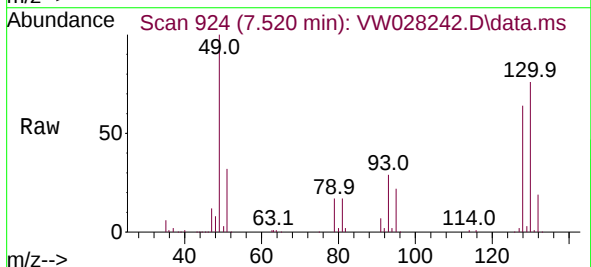
Instrument :
MSVOA_W
ClientSampleId :

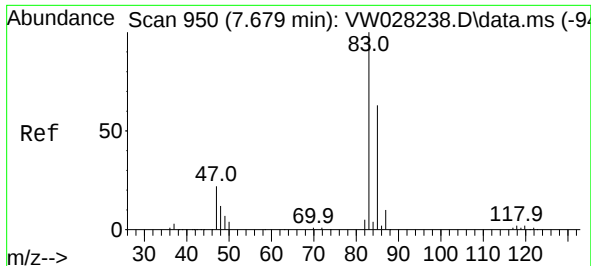
Tgt Ion: 43 Resp: 42076
Ion Ratio Lower Upper
43 100
72 27.8 12.8 38.4



#23
Bromochloromethane
Concen: 24.776 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion: 128 Resp: 35722
Ion Ratio Lower Upper
128 100
49 156.2 116.6 216.6
130 118.4 80.1 148.7
51 50.5 40.1 60.1





#25

Chloroform

Concen: 24.734 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

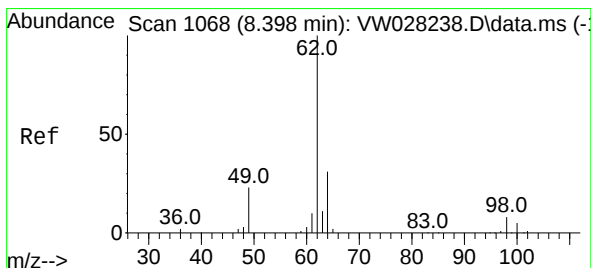
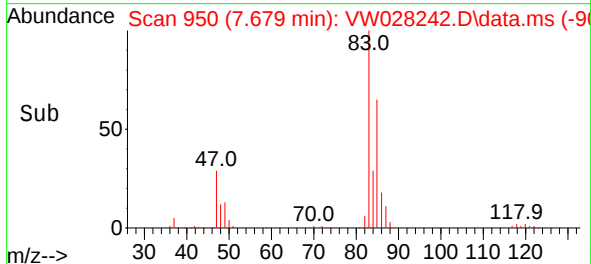
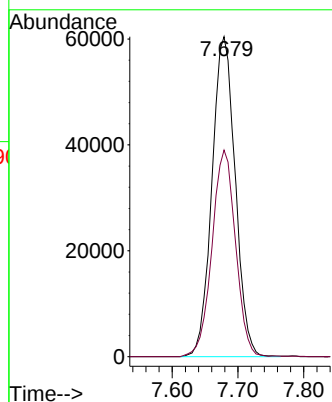
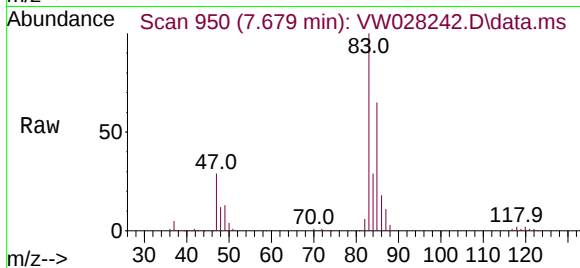
ClientSampleId :

Tgt Ion: 83 Resp: 148856

Ion Ratio Lower Upper

83 100

85 64.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 23.658 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028242.D

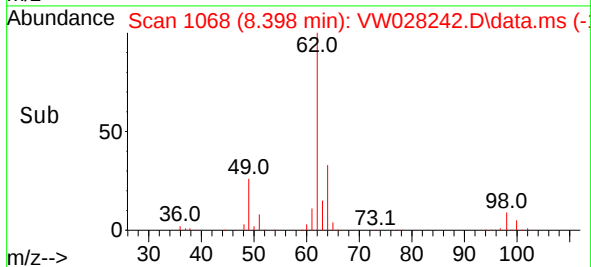
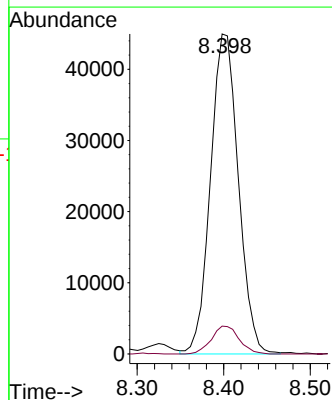
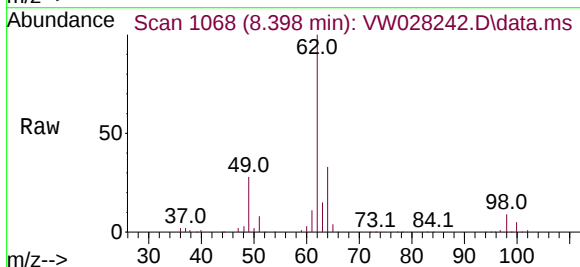
Acq: 25 Mar 2024 14:08

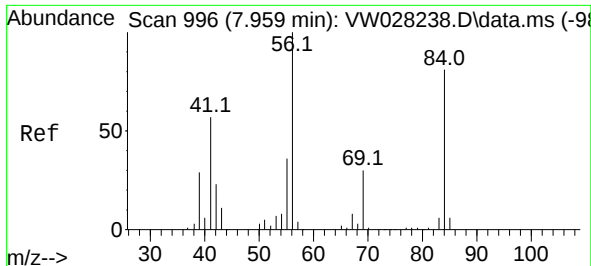
Tgt Ion: 62 Resp: 100547

Ion Ratio Lower Upper

62 100

98 8.7 5.9 8.9





#29

Cyclohexane

Concen: 22.982 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

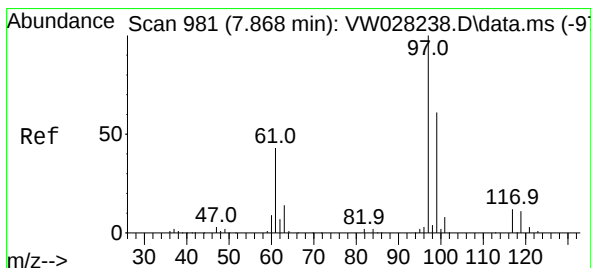
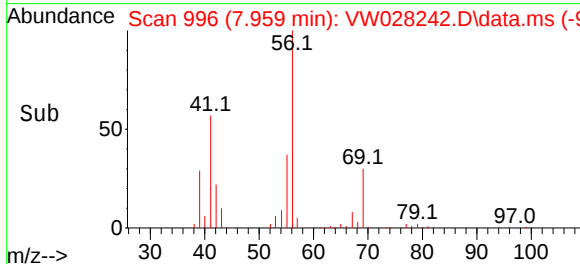
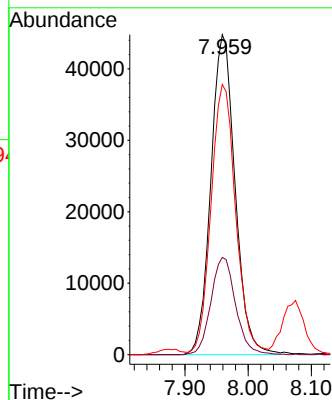
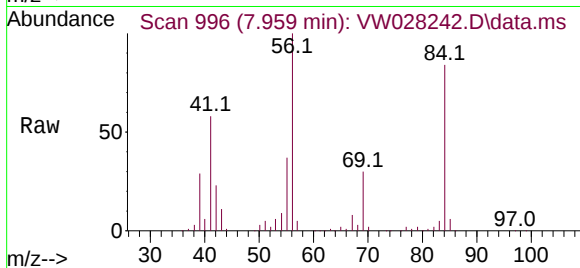
Tgt Ion: 56 Resp: 119107

Ion Ratio Lower Upper

56 100

69 30.9 24.0 36.0

84 86.1 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.945 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

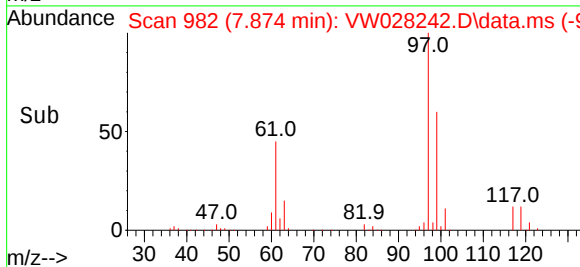
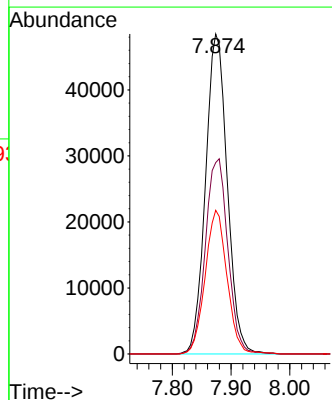
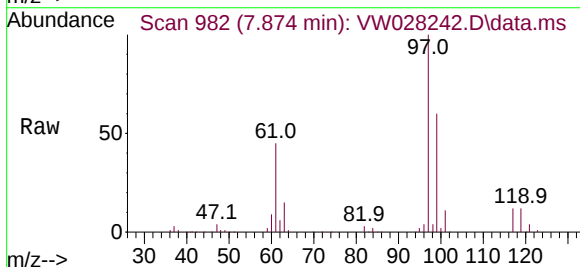
Tgt Ion: 97 Resp: 124719

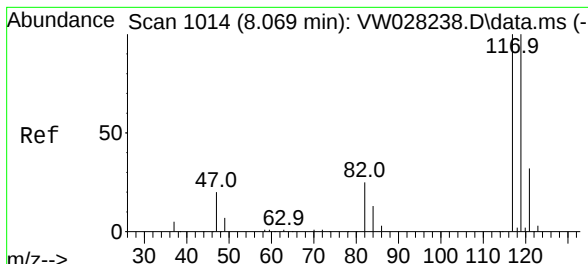
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

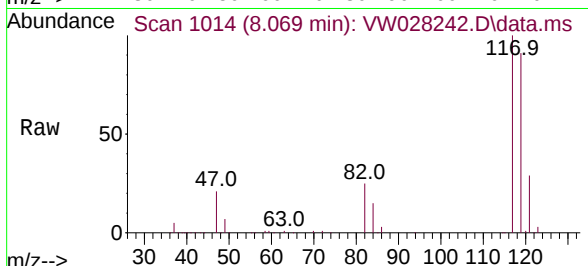
61 45.0 37.0 55.6



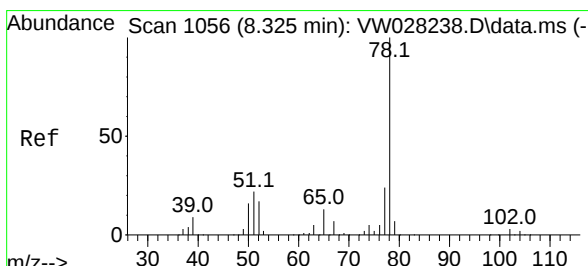
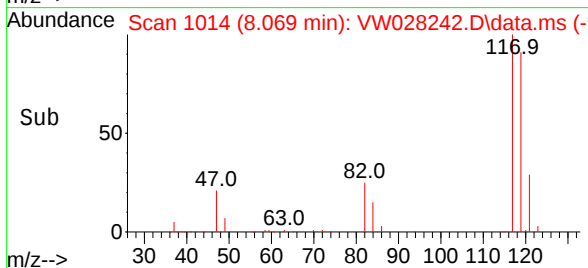
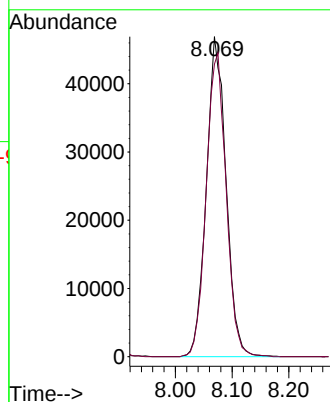


#31
Carbon tetrachloride
Concen: 23.155 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Instrument :
MSVOA_W
ClientSampleId :

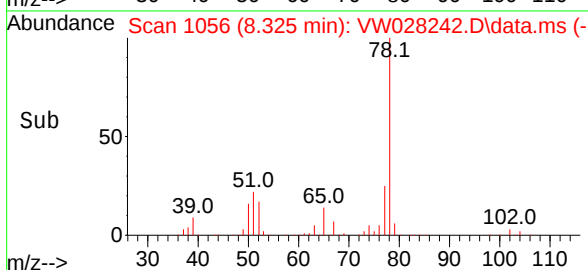
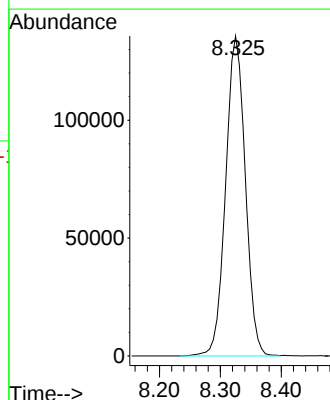
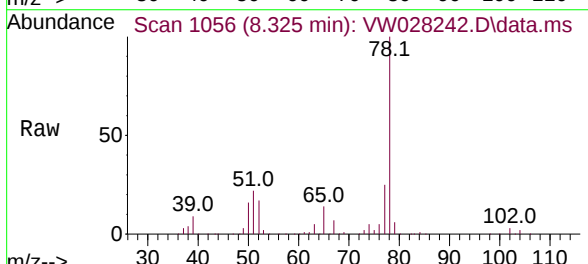


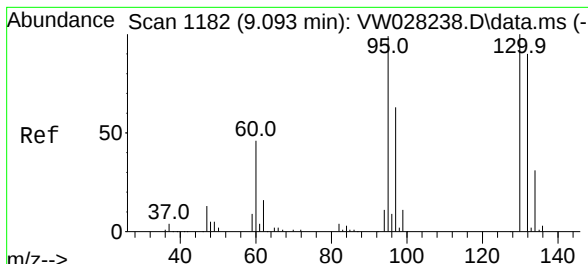
Tgt Ion:117 Resp: 113128
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4



#33
Benzene
Concen: 24.864 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion: 78 Resp: 304005





#34

Trichloroethene

Concen: 24.062 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 82083

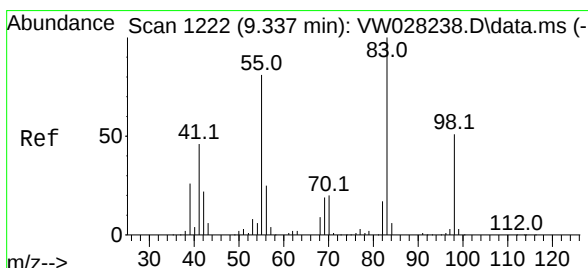
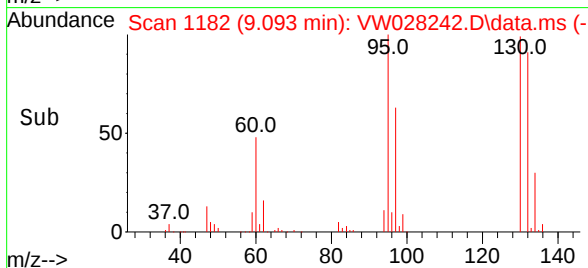
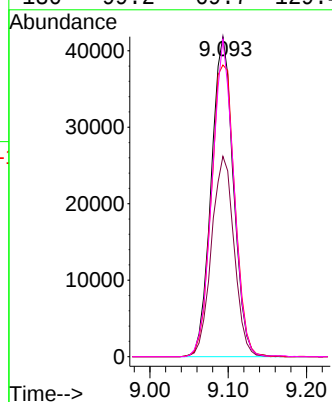
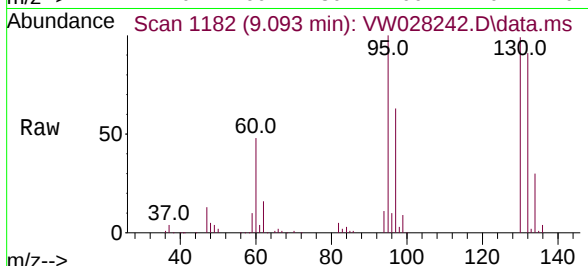
Ion Ratio Lower Upper

95 100

97 62.6 42.4 78.6

132 91.1 69.4 128.8

130 99.2 69.7 129.4



#35

Methylcyclohexane

Concen: 22.581 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

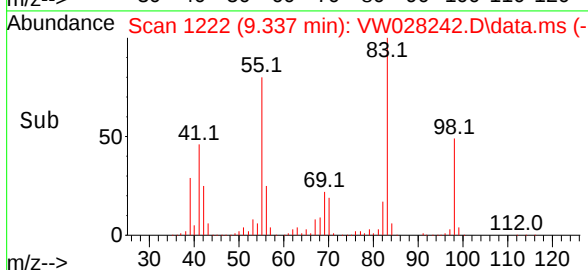
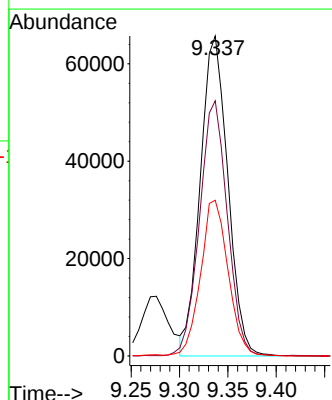
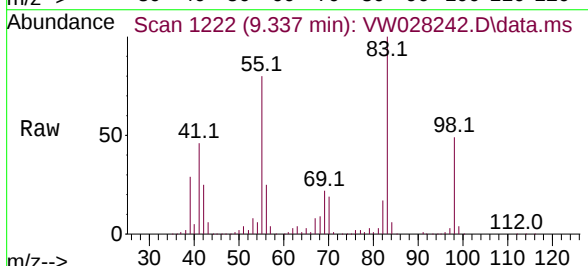
Tgt Ion: 83 Resp: 130206

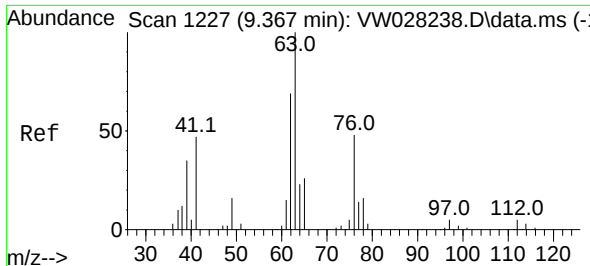
Ion Ratio Lower Upper

83 100

55 80.6 64.2 96.4

98 48.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.396 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

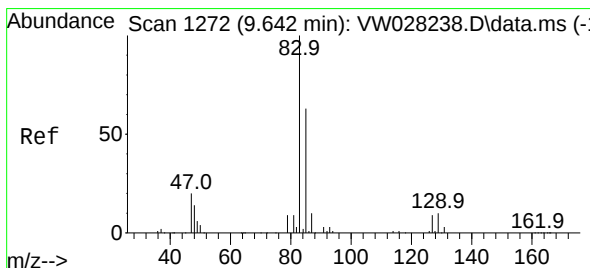
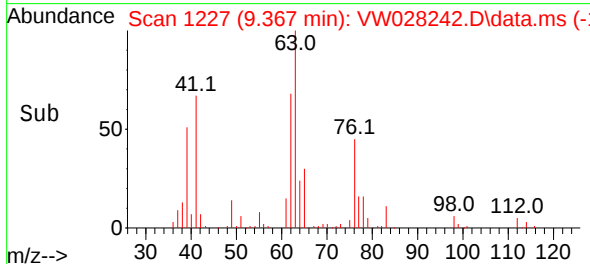
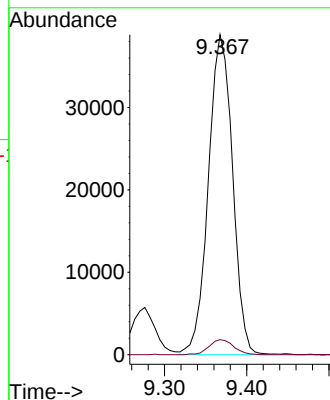
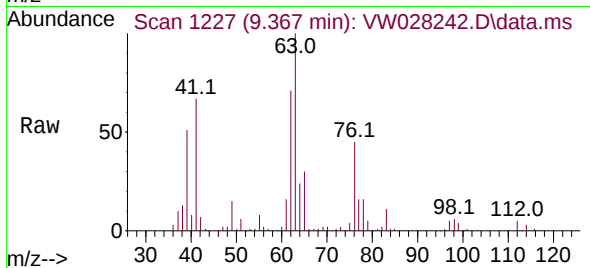
ClientSampleId :

Tgt Ion: 63 Resp: 79423

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.057 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

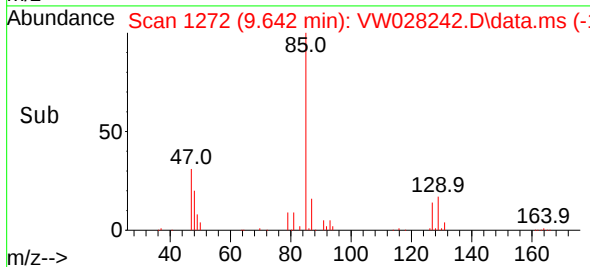
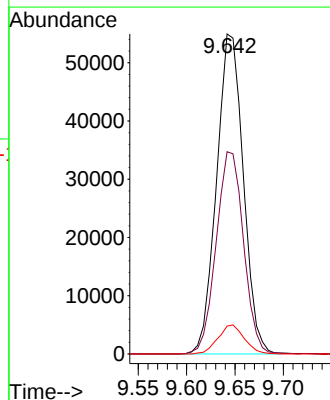
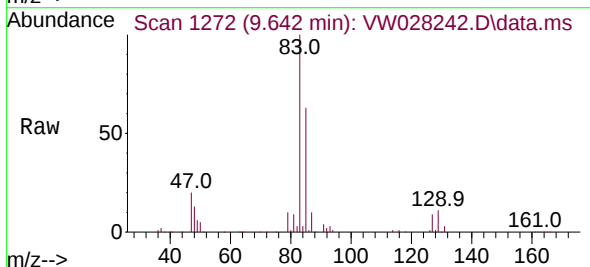
Tgt Ion: 83 Resp: 105654

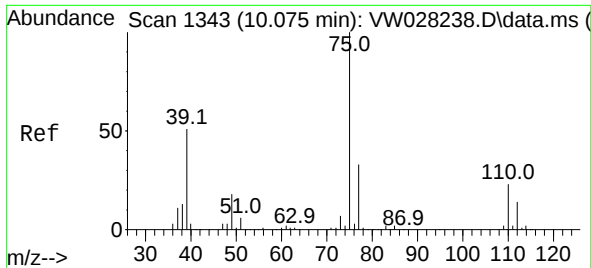
Ion Ratio Lower Upper

83 100

85 63.2 45.8 85.2

127 8.7 6.5 9.7

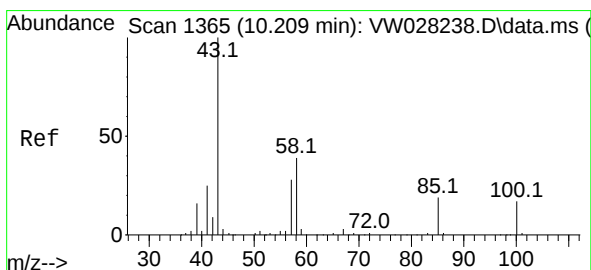
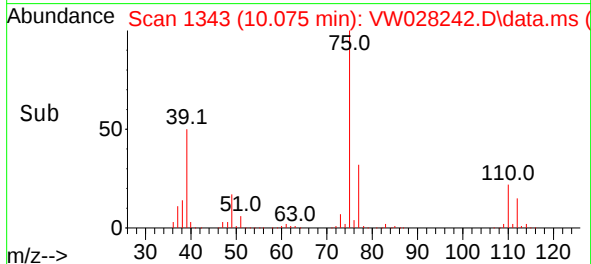
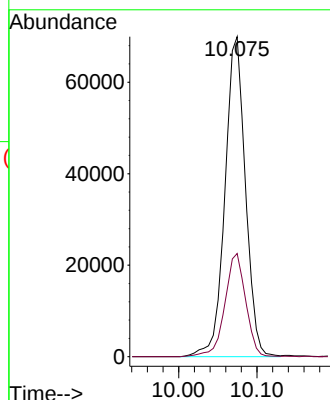
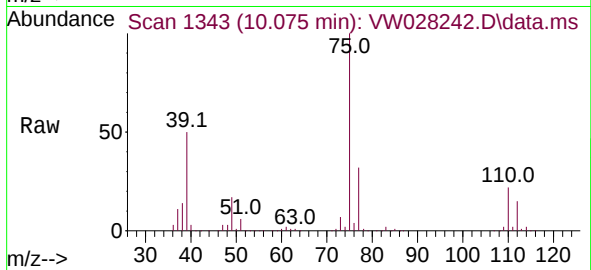




#39
cis-1,3-Dichloropropene
Concen: 25.376 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

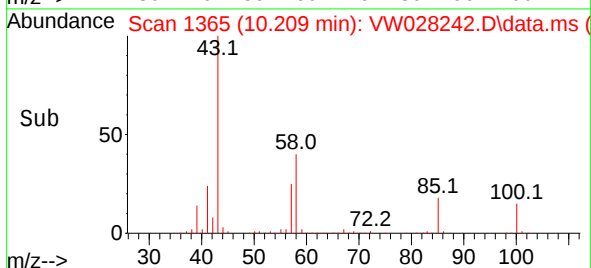
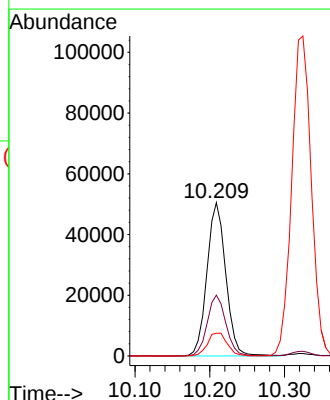
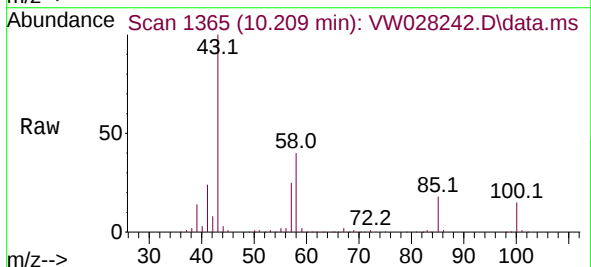
Instrument :
MSVOA_W
ClientSampleId :

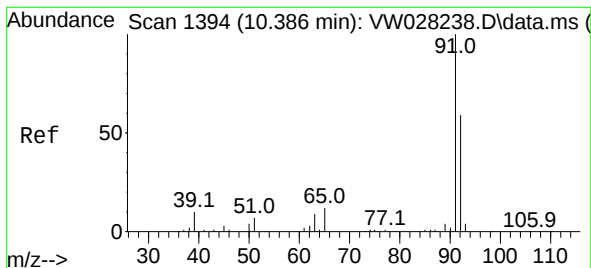
Tgt Ion: 75 Resp: 127095
Ion Ratio Lower Upper
75 100
77 32.3 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 51.206 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion: 43 Resp: 88395
Ion Ratio Lower Upper
43 100
58 39.3 30.1 45.1
100 15.7 11.8 17.8





#42

Toluene

Concen: 24.692 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

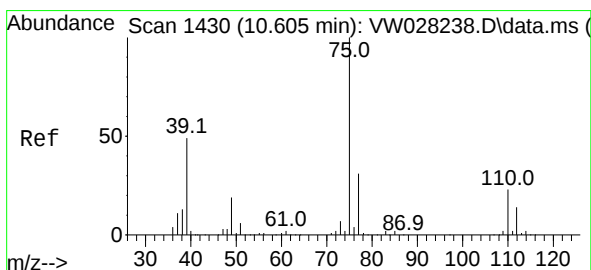
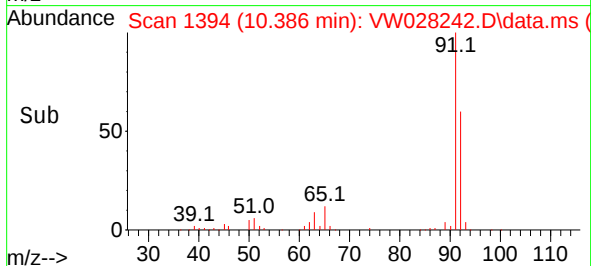
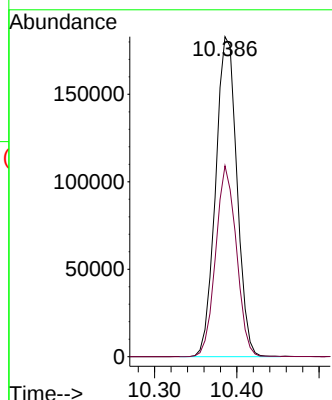
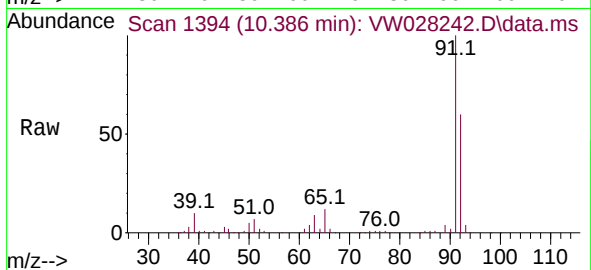
ClientSampleId :

Tgt Ion: 91 Resp: 329501

Ion Ratio Lower Upper

91 100

92 59.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.855 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028242.D

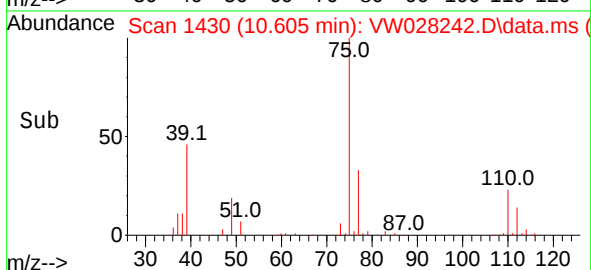
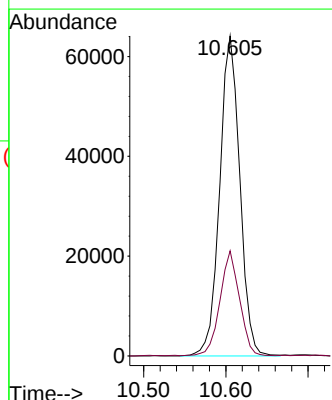
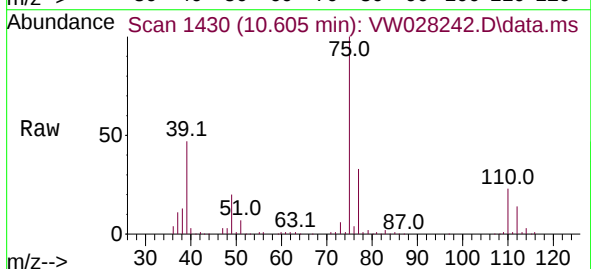
Acq: 25 Mar 2024 14:08

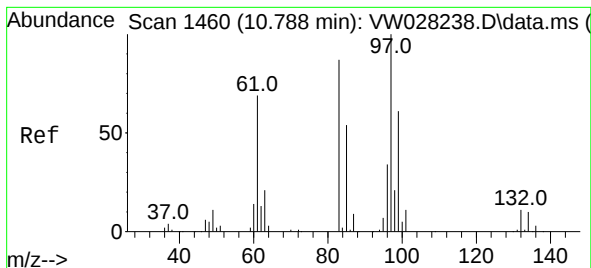
Tgt Ion: 75 Resp: 109331

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 25.770 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 58230

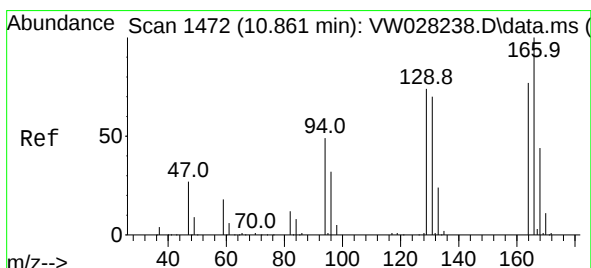
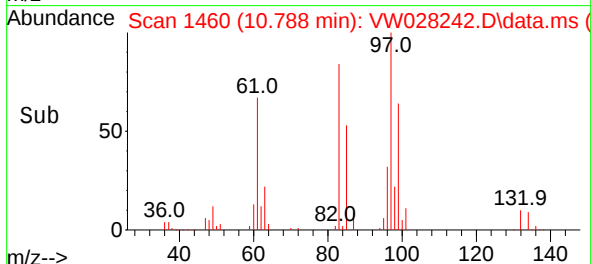
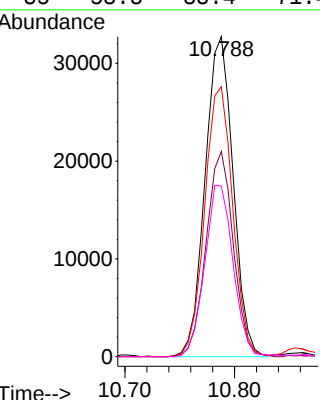
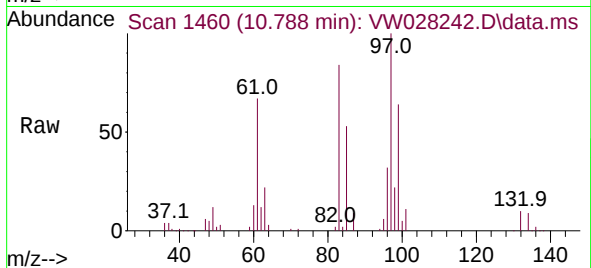
Ion Ratio Lower Upper

97 100

99 64.1 43.4 80.6

83 84.3 59.4 110.4

85 53.3 38.4 71.4



#46

Tetrachloroethene

Concen: 23.934 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Tgt Ion:164 Resp: 65813

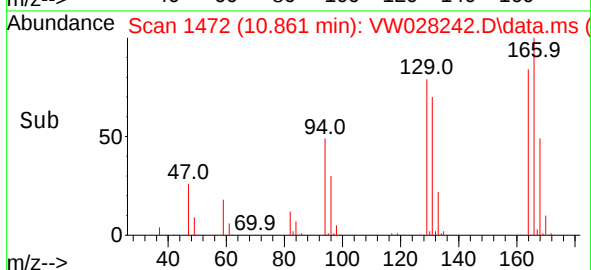
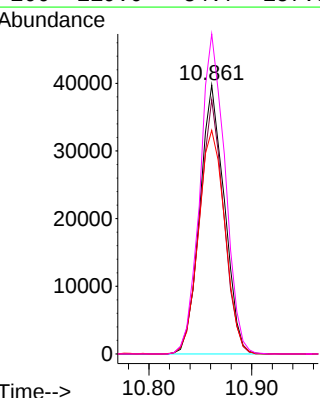
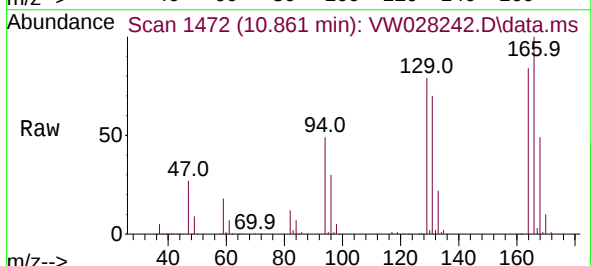
Ion Ratio Lower Upper

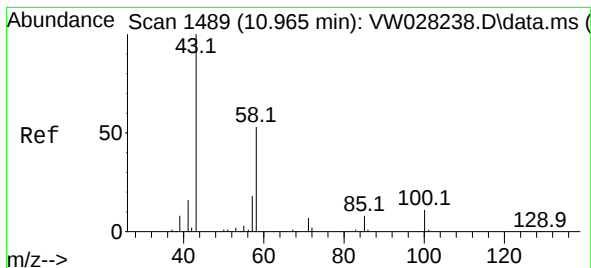
164 100

129 94.6 64.0 119.0

131 83.2 62.6 116.3

166 119.0 84.7 157.3





#48

2-Hexanone

Concen: 47.307 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

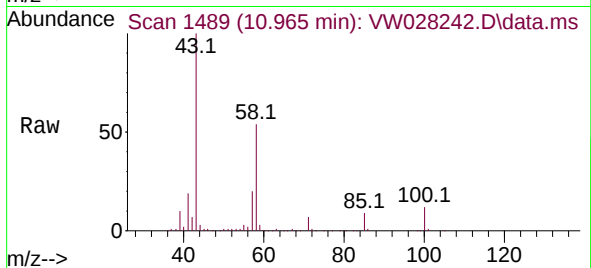
Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 63971

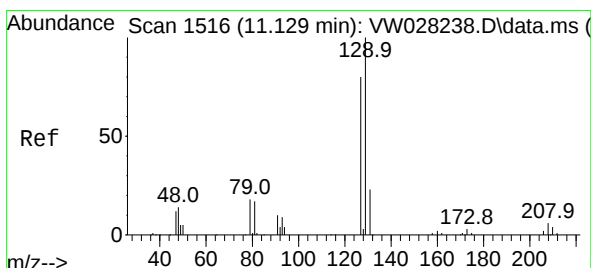
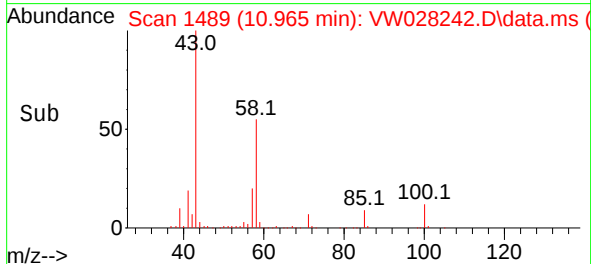
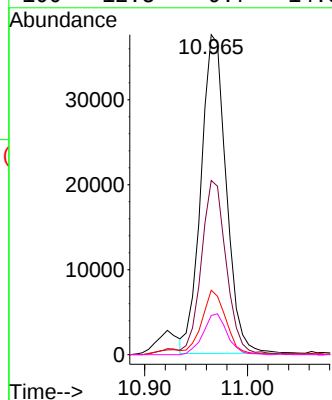
Ion Ratio Lower Upper

43 100

58 53.2 40.6 61.0

57 19.5 15.7 23.5

100 12.3 9.7 14.5



#49

Dibromochloromethane

Concen: 24.859 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW028242.D

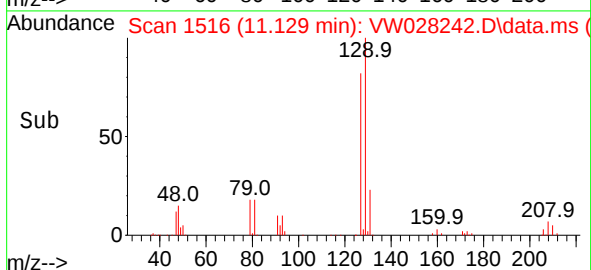
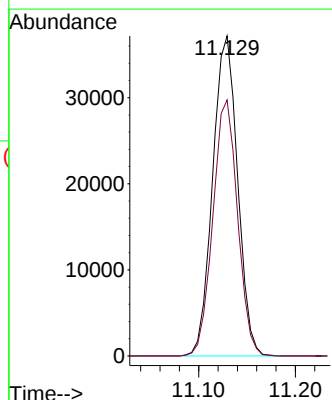
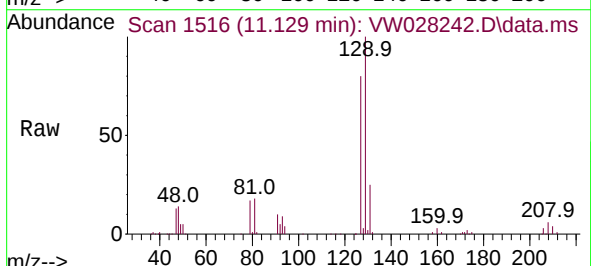
Acq: 25 Mar 2024 14:08

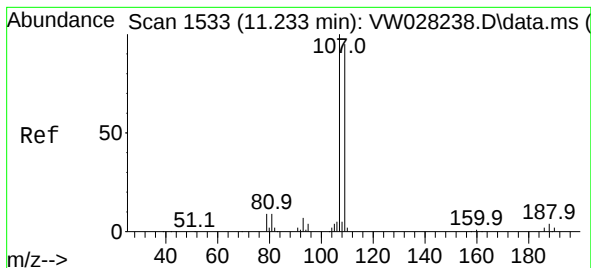
Tgt Ion: 129 Resp: 66525

Ion Ratio Lower Upper

129 100

127 80.0 53.1 98.7





#50

1,2-Dibromoethane

Concen: 25.335 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028242.D

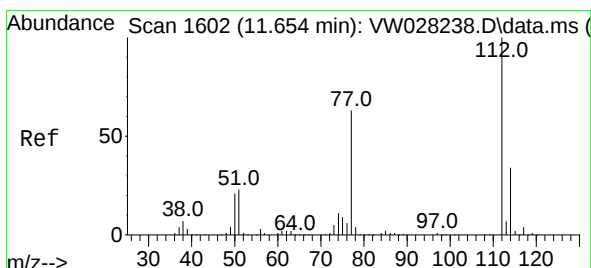
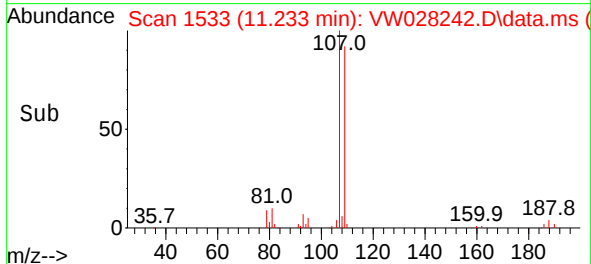
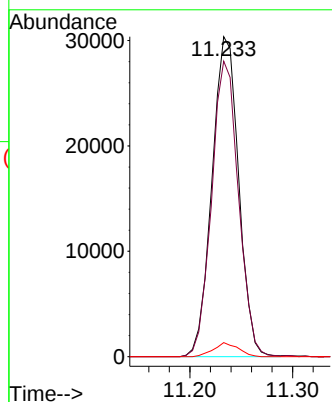
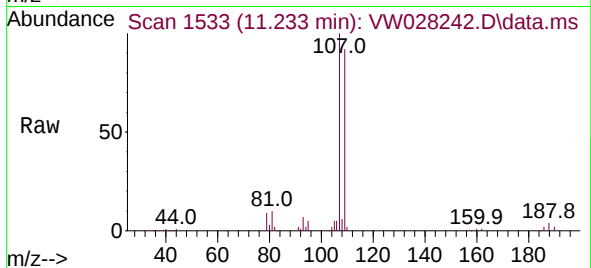
Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	54738
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.4	119.6
188	4.4	3.4	5.2



#51

Chlorobenzene

Concen: 24.643 ug/L

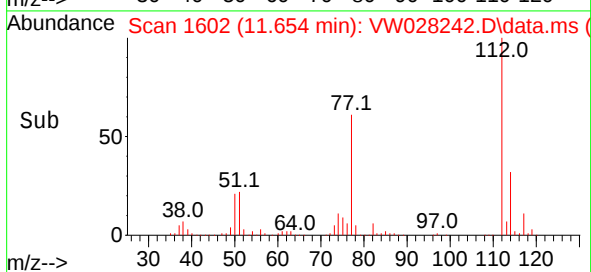
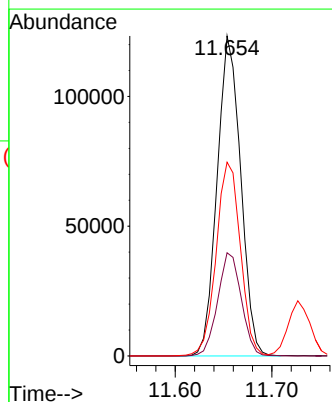
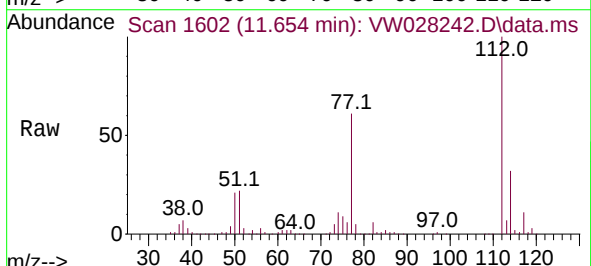
RT: 11.654 min Scan# 1602

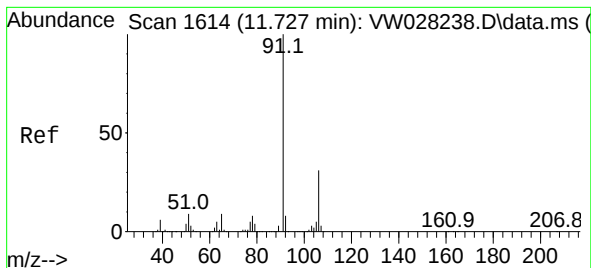
Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Tgt Ion:	112	Resp:	208724
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.8	40.6
77	60.5	50.6	76.0





#52

Ethylbenzene

Concen: 24.578 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

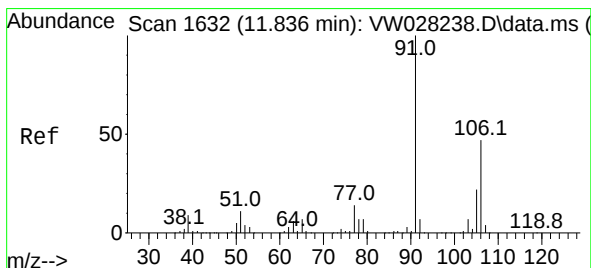
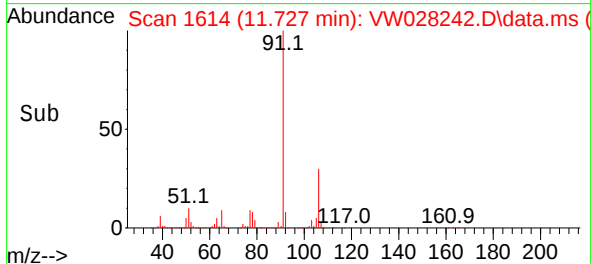
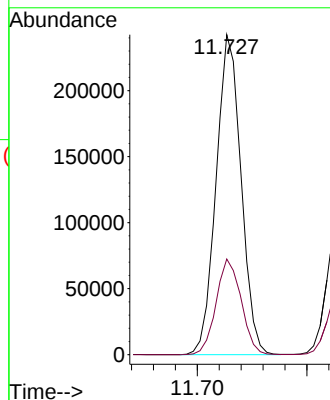
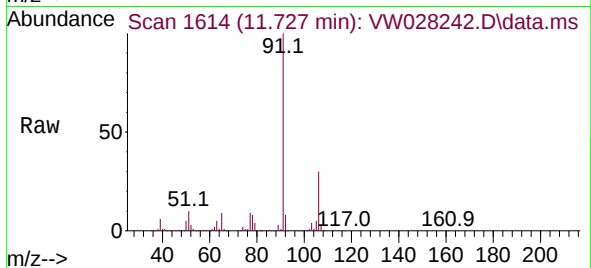
ClientSampleId :

Tgt Ion: 91 Resp: 382866

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5



#53

m,p-Xylene

Concen: 24.562 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028242.D

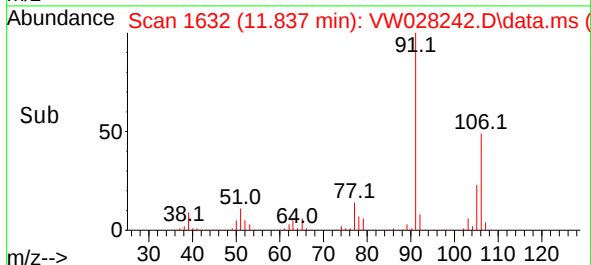
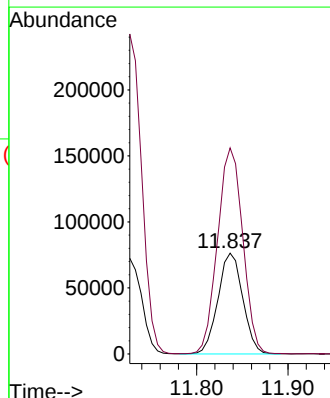
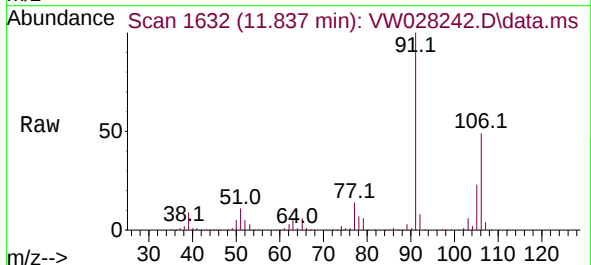
Acq: 25 Mar 2024 14:08

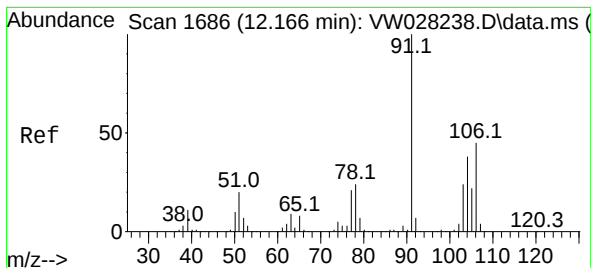
Tgt Ion:106 Resp: 143984

Ion Ratio Lower Upper

106 100

91 204.6 147.1 273.1





#54

o-Xylene

Concen: 25.574 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

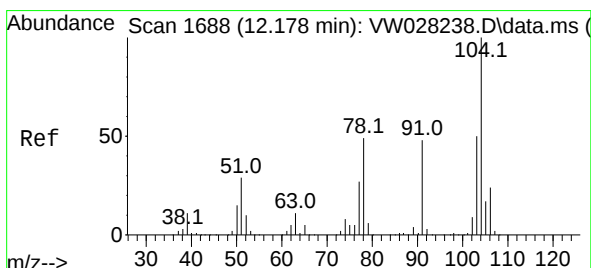
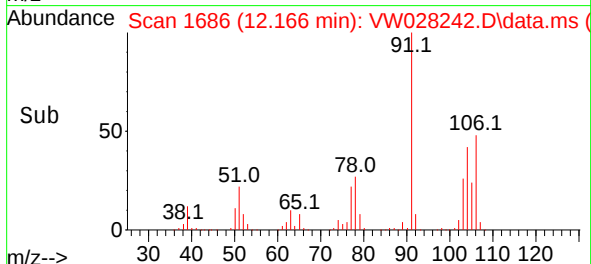
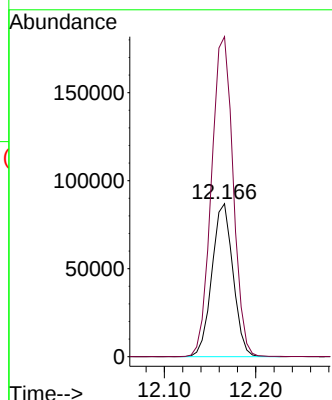
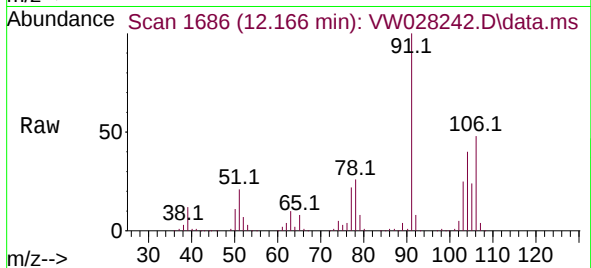
ClientSampleId :

Tgt Ion:106 Resp: 139021

Ion Ratio Lower Upper

106 100

91 209.1 149.2 277.2



#55

Styrene

Concen: 25.790 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028242.D

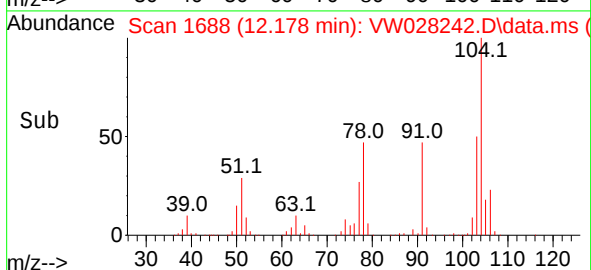
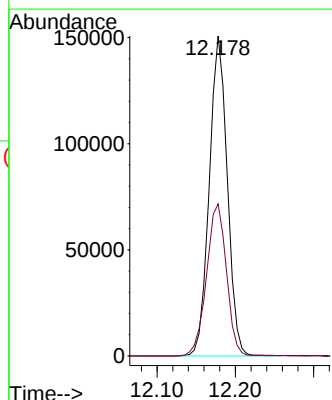
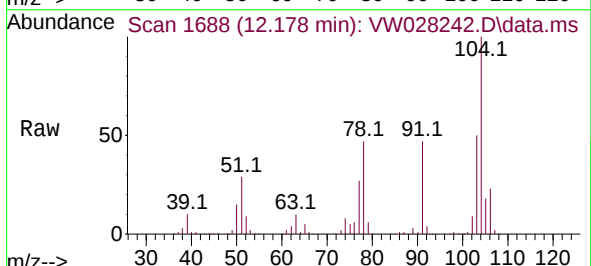
Acq: 25 Mar 2024 14:08

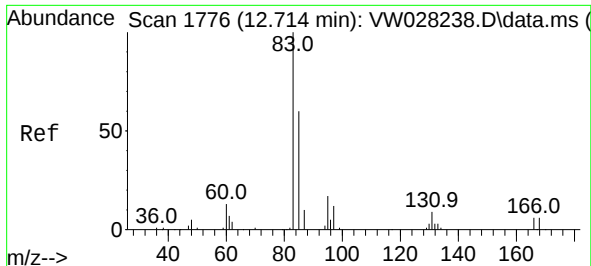
Tgt Ion:104 Resp: 240815

Ion Ratio Lower Upper

104 100

78 47.5 33.2 61.7

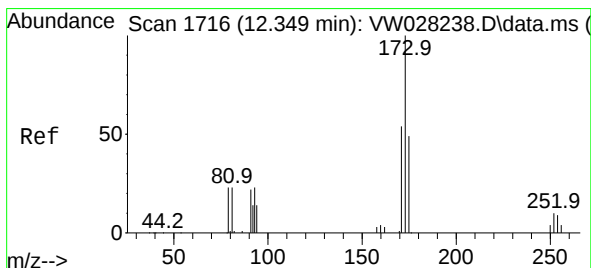
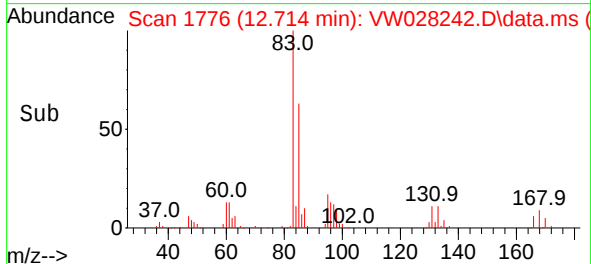
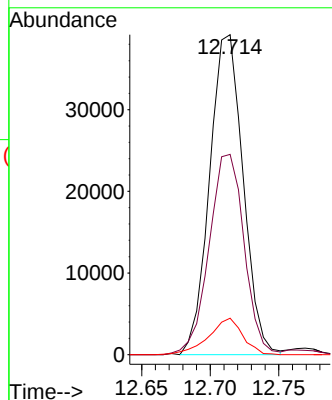
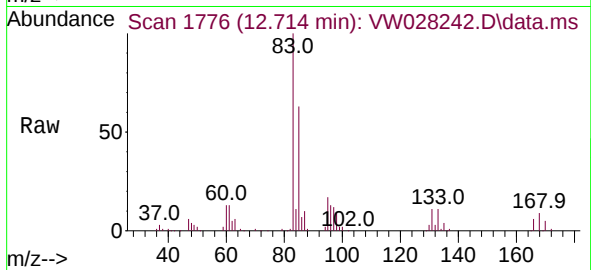




#57
1,1,2,2-Tetrachloroethane
Concen: 25.798 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

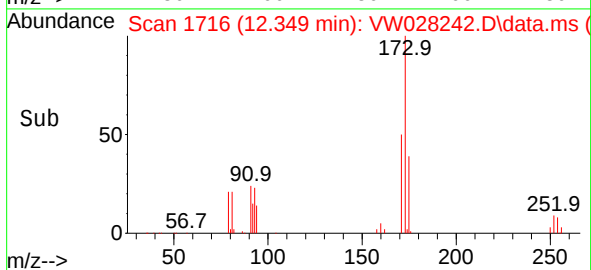
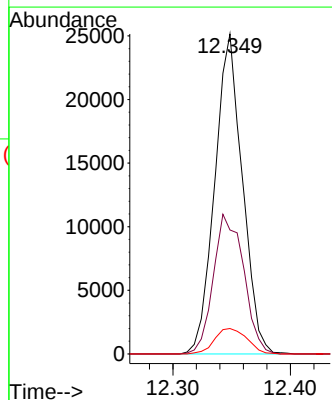
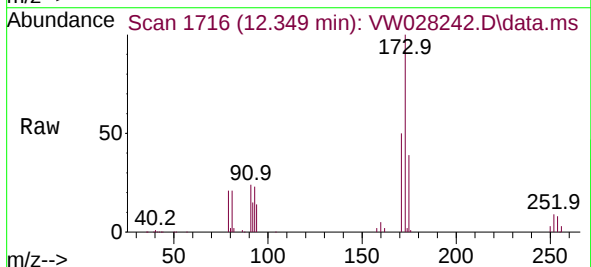
Instrument :
MSVOA_W
ClientSampleId :

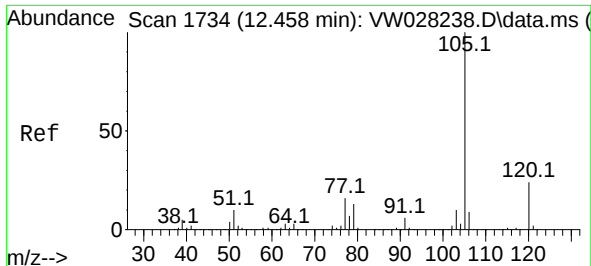
Tgt Ion: 83 Resp: 66675
Ion Ratio Lower Upper
83 100
85 62.6 47.0 87.2
131 11.4 8.9 13.3



#59
Bromoform
Concen: 26.638 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion:173 Resp: 41012
Ion Ratio Lower Upper
173 100
175 47.8 39.8 59.6
254 9.4 8.5 12.7





#60

Isopropylbenzene

Concen: 24.598 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

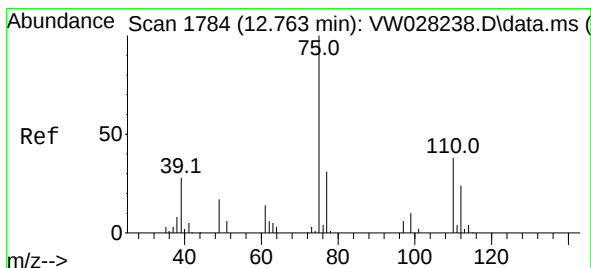
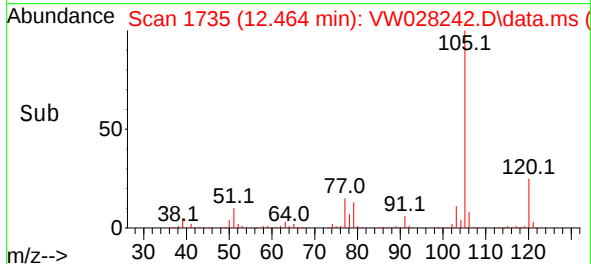
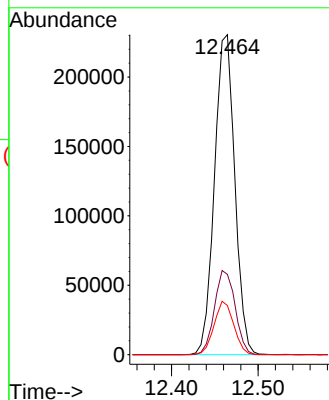
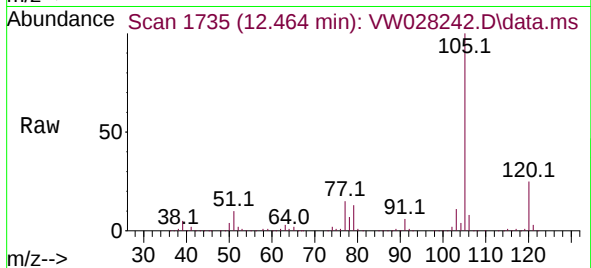
Tgt Ion:105 Resp: 375495

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 16.2 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.859 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

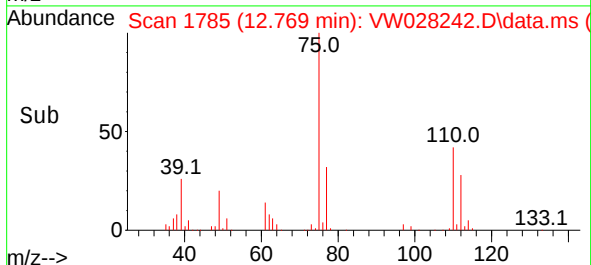
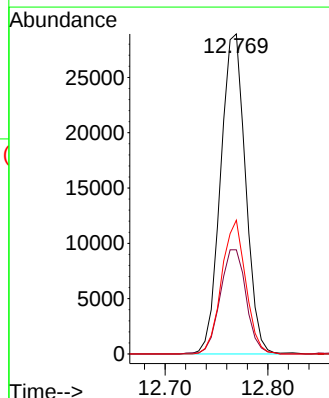
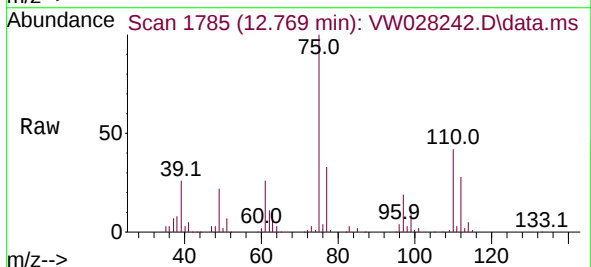
Tgt Ion: 75 Resp: 48745

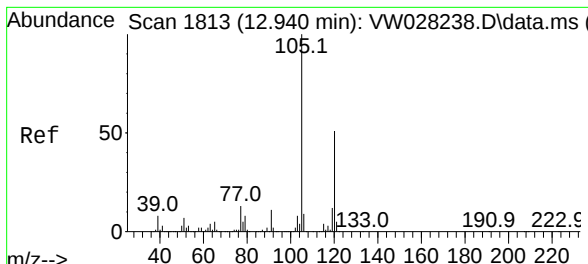
Ion Ratio Lower Upper

75 100

77 33.8 26.0 39.0

110 40.4 32.2 48.2



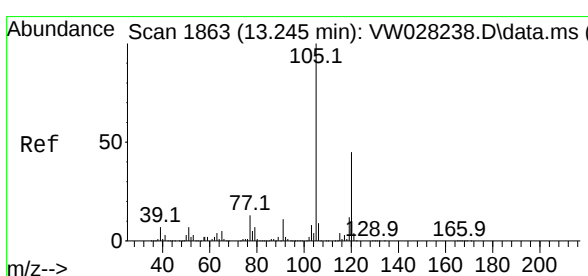
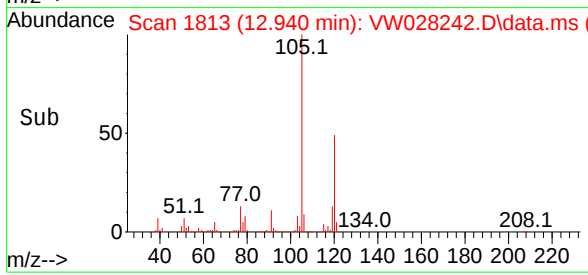
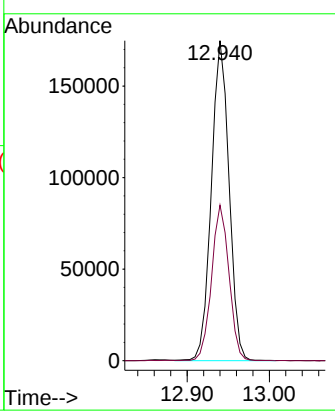
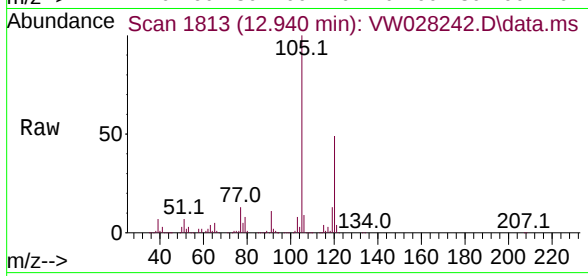


#62
 1,3,5-Trimethylbenzene
 Concen: 25.508 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW028242.D
 Acq: 25 Mar 2024 14:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 261274

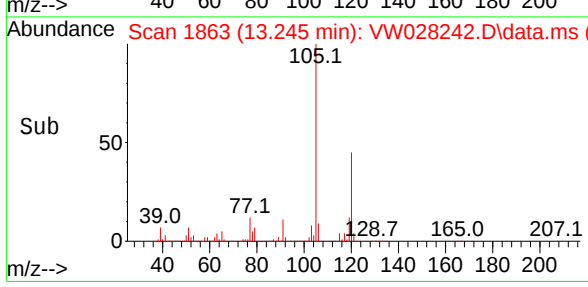
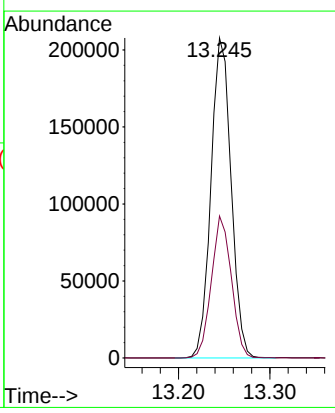
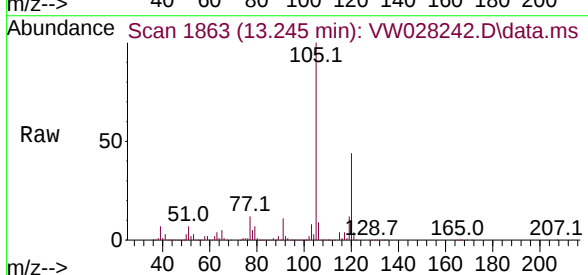
Ion	Ratio	Lower	Upper
105	100		
120	47.9	38.2	57.2

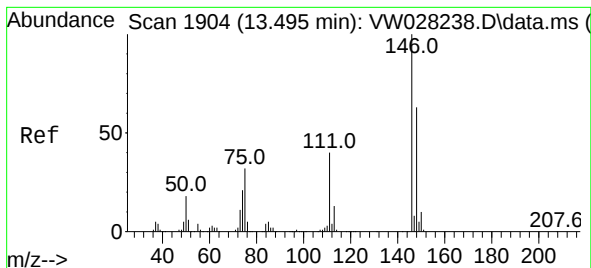


#63
 1,2,4-Trimethylbenzene
 Concen: 25.749 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028242.D
 Acq: 25 Mar 2024 14:08

Tgt Ion:105 Resp: 318459

Ion	Ratio	Lower	Upper
105	100		
120	44.0	35.6	53.4





#64

1,3-Dichlorobenzene

Concen: 24.919 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

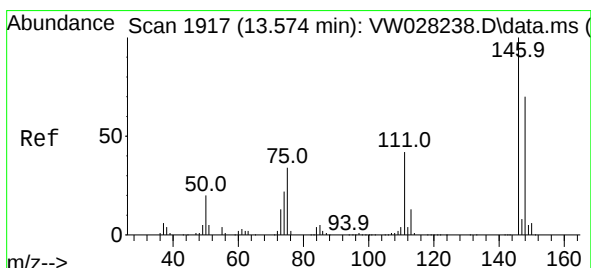
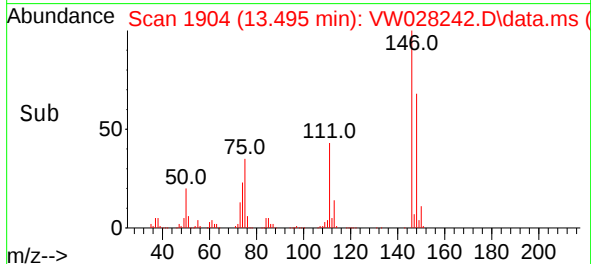
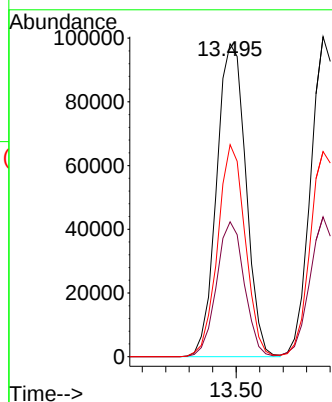
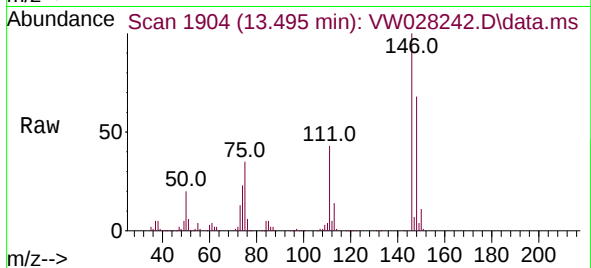
Tgt Ion:146 Resp: 169707

Ion Ratio Lower Upper

146 100

111 43.1 28.5 52.9

148 67.8 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 24.522 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

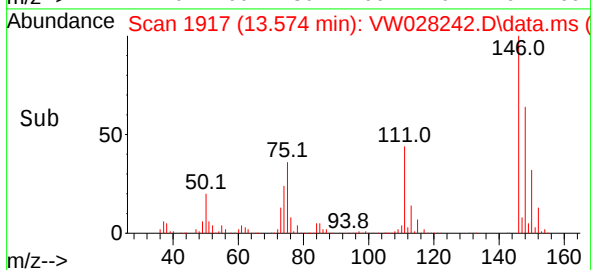
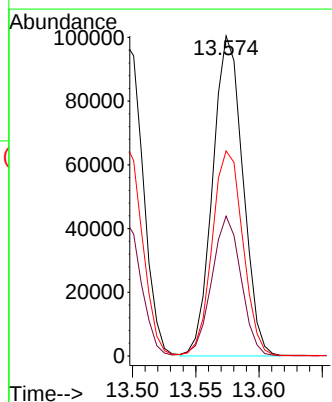
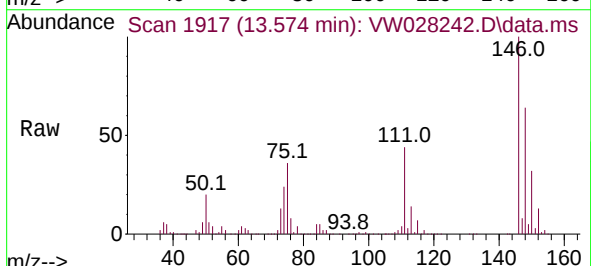
Tgt Ion:146 Resp: 166996

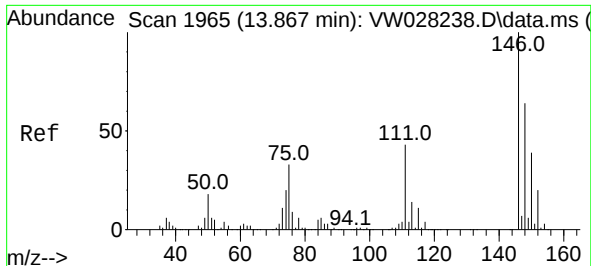
Ion Ratio Lower Upper

146 100

111 43.7 28.8 53.6

148 64.1 45.3 84.1

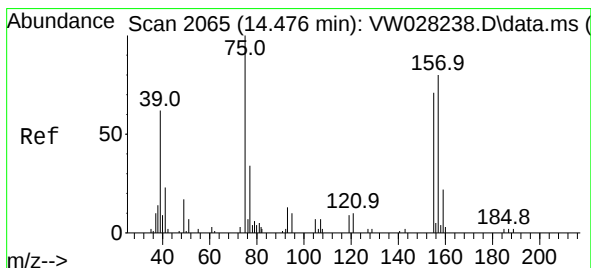
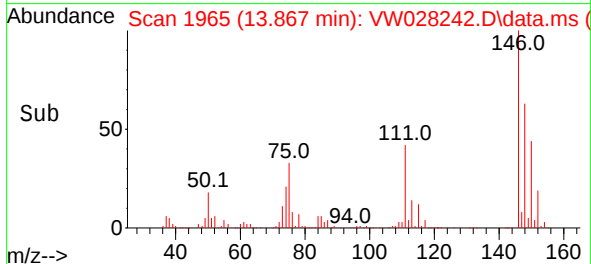
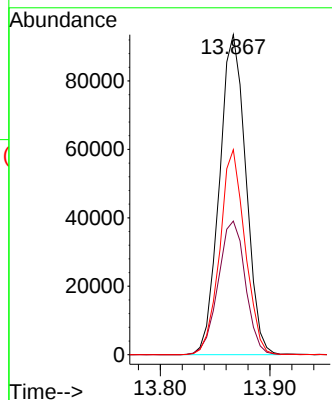
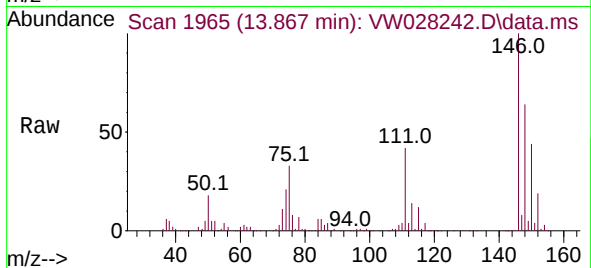




#67
1,2-Dichlorobenzene
Concen: 26.707 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

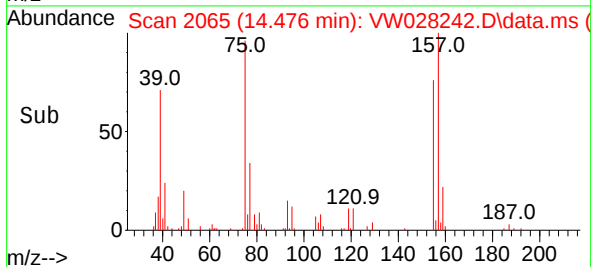
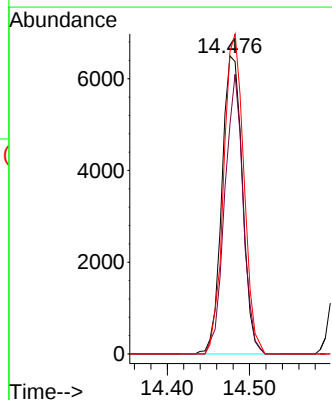
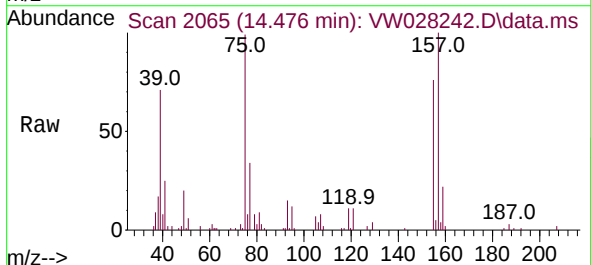
Instrument :
MSVOA_W
ClientSampleId :

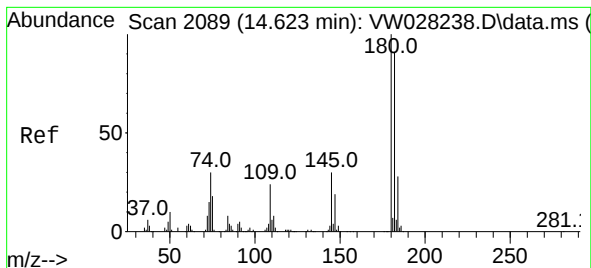
Tgt Ion:146 Resp: 156628
Ion Ratio Lower Upper
146 100
111 41.8 34.2 51.2
148 64.0 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 24.454 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028242.D
Acq: 25 Mar 2024 14:08

Tgt Ion: 75 Resp: 11264
Ion Ratio Lower Upper
75 100
155 77.0 61.1 91.7
157 101.4 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 26.291 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

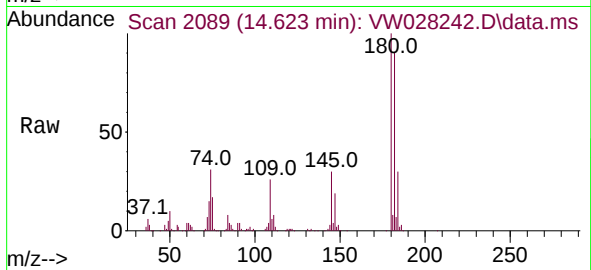
Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 124721

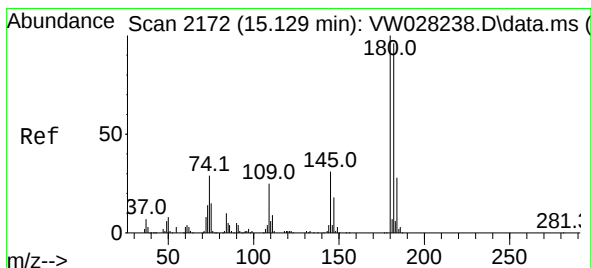
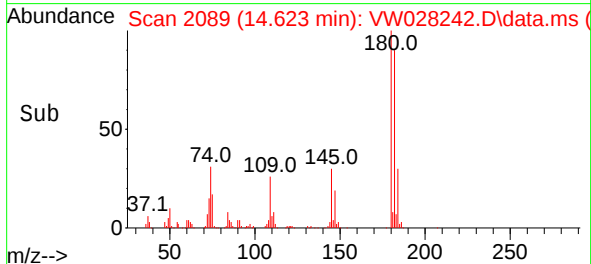
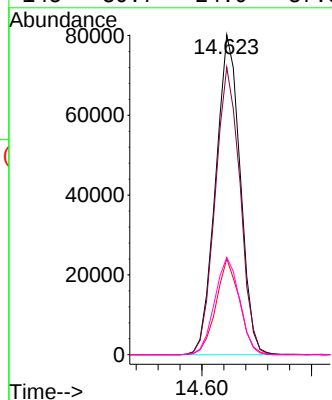
Ion Ratio Lower Upper

180 100

182 91.0 76.6 114.8

184 28.7 23.5 35.3

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 25.513 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

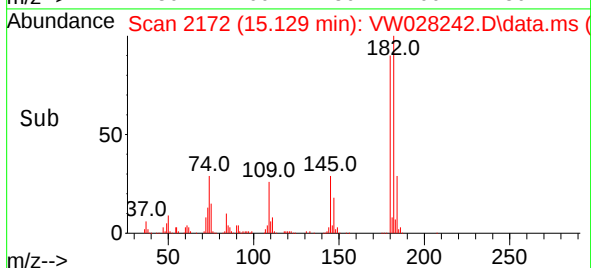
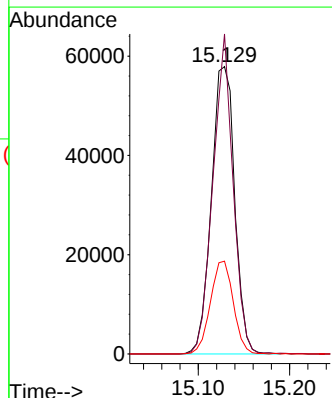
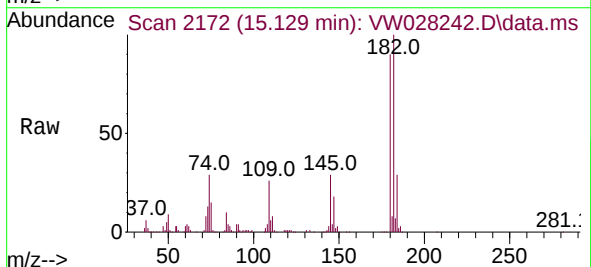
Tgt Ion:180 Resp: 102817

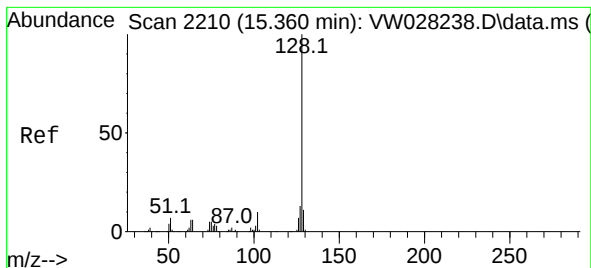
Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.8

145 31.7 25.0 37.6





#71

Naphthalene

Concen: 26.766 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Instrument :

MSVOA_W

ClientSampleId :

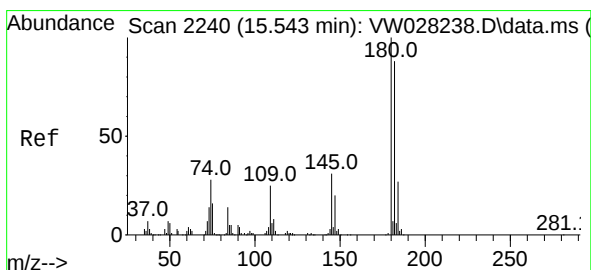
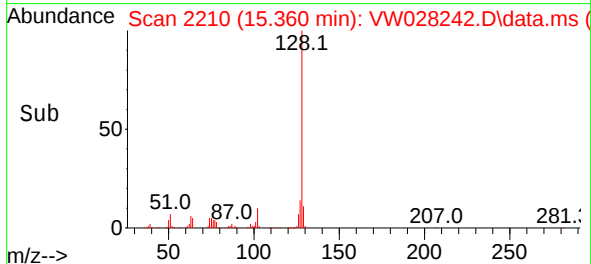
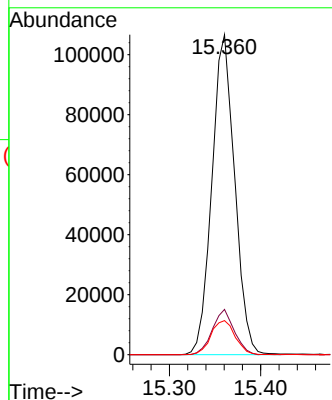
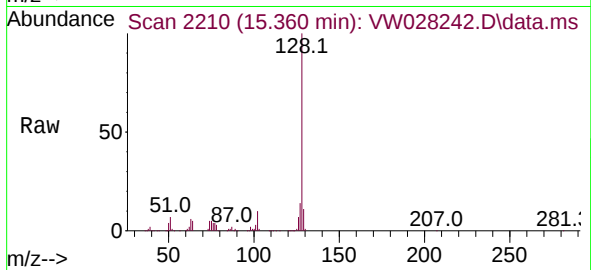
Tgt Ion:128 Resp: 185141

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.561 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028242.D

Acq: 25 Mar 2024 14:08

Tgt Ion:180 Resp: 88244

Ion Ratio Lower Upper

180 100

182 93.4 76.0 114.0

145 32.9 27.1 40.7

