

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032224\
 Data File : VW028227.D
 Acq On : 22 Mar 2024 14:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 00:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 22 01:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	210028	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186657	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101212	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49118	19.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	2.905	69	38158	22.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.920%
11) 1,1-Dichloroethene-d2	4.021	65	34131	21.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.600%
21) 2-Butanone-d5	7.081	46	32201	44.428	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.860%
24) Chloroform-d	7.648	84	157513	25.433	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	8.307	65	82947	24.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.276	84	297332	26.091	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.360%
36) 1,2-Dichloropropane-d6	9.276	67	86568	26.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.600%
41) Toluene-d8	10.319	98	275542	26.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.575	79	37171	24.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.800%
47) 2-Hexanone-d5	10.922	63	25751	47.503	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60789	25.093	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	91543	24.829	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53647	17.608	ug/L	99
3) Chloromethane	2.222	50	39512	18.285	ug/L	98
5) Vinyl chloride	2.375	62	50242	20.568	ug/L	97
6) Bromomethane	2.796	94	30896	21.238	ug/L	91
8) Chloroethane	2.936	64	28784	21.924	ug/L	99
9) Trichlorofluoromethane	3.271	101	69055	23.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	65992	22.493	ug/L	98
12) 1,1-Dichloroethene	4.045	96	60803	22.419	ug/L	92
13) Acetone	4.137	43	25735	31.979	ug/L	98
14) Carbon disulfide	4.393	76	180436	21.331	ug/L	99
15) Methyl Acetate	4.679	43	22926	18.495	ug/L	100
16) Methylene chloride	4.917	84	64941	20.316	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	63612	22.070	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	93815	21.574	ug/L	100
19) 1,1-Dichloroethane	6.222	63	123911	22.206	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	69198	22.230	ug/L	98
22) 2-Butanone	7.179	43	32444	35.509	ug/L	97
23) Bromochloromethane	7.514	128	29462	21.408	ug/L	93
25) Chloroform	7.679	83	129499	22.543	ug/L	98

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 Response via : Initial Calibration

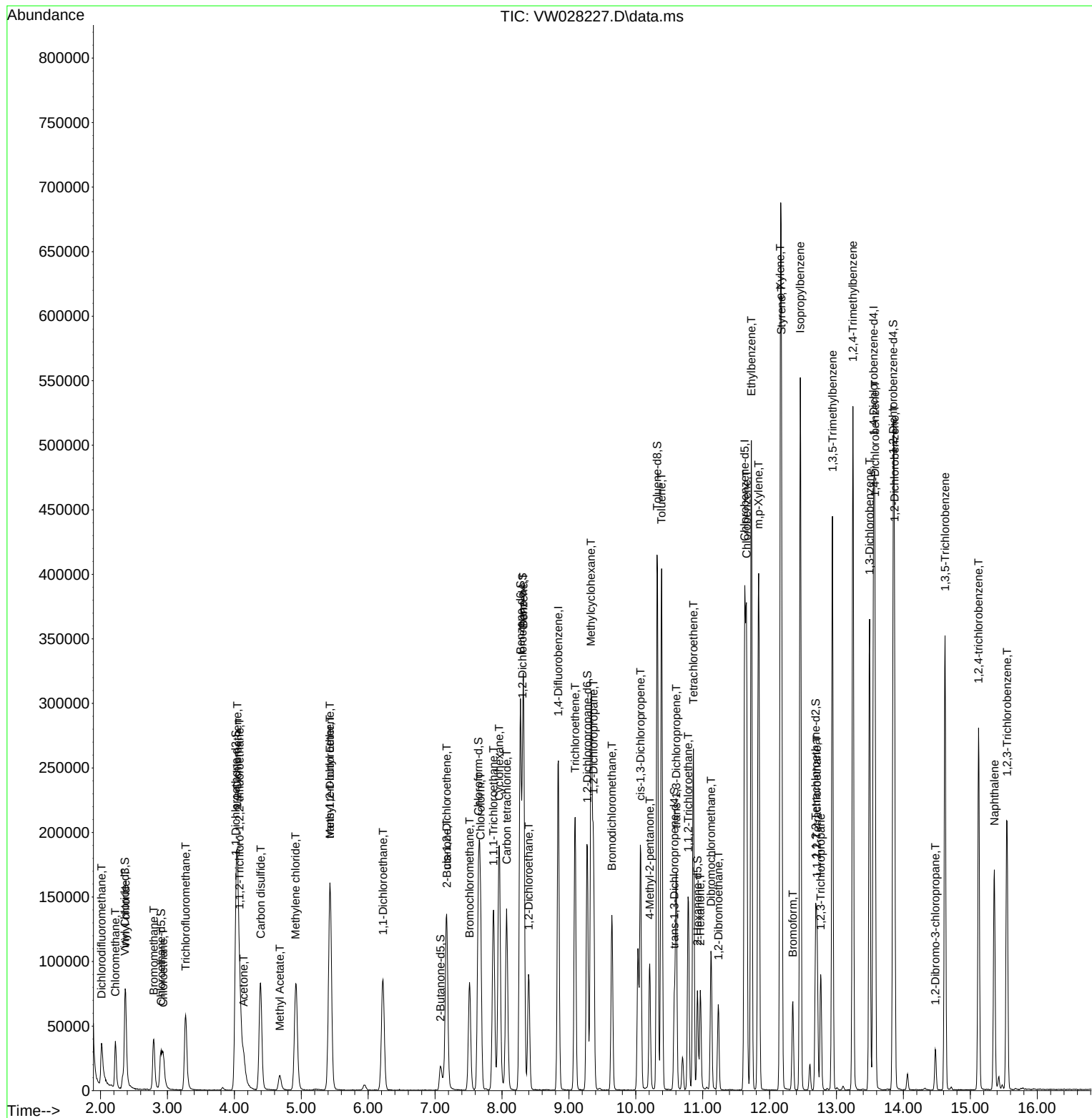
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	85396	21.051	ug/L	97
29) Cyclohexane	7.959	56	109702	22.533	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	114011	23.301	ug/L	99
31) Carbon tetrachloride	8.069	117	106095	23.117	ug/L	97
33) Benzene	8.319	78	264211	23.003	ug/L	100
34) Trichloroethene	9.093	95	73503	22.937	ug/L	97
35) Methylcyclohexane	9.331	83	124108	22.912	ug/L	100
37) 1,2-Dichloropropane	9.368	63	67565	22.998	ug/L	100
38) Bromodichloromethane	9.642	83	90390	22.820	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	108749	23.114	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	63666	39.260	ug/L	98
42) Toluene	10.386	91	286954	22.891	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	89373	22.499	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	46570	21.940	ug/L	97
46) Tetrachloroethene	10.861	164	59288	22.952	ug/L	99
48) 2-Hexanone	10.965	43	48113	37.875	ug/L	98
49) Dibromochloromethane	11.123	129	56268	22.383	ug/L	98
50) 1,2-Dibromoethane	11.233	107	43860	21.610	ug/L	98
51) Chlorobenzene	11.654	112	185193	23.275	ug/L	98
52) Ethylbenzene	11.727	91	342553	23.408	ug/L	99
53) m,p-Xylene	11.837	106	128091	23.260	ug/L	100
54) o-Xylene	12.160	106	118001	23.107	ug/L	95
55) Styrene	12.178	104	203995	23.256	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	51844	21.353	ug/L	98
59) Bromoform	12.349	173	31125	20.523	ug/L	99
60) Isopropylbenzene	12.458	105	349507	23.242	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	37690	19.512	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	232940	23.086	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	278388	22.850	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	149574	22.295	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	148347	22.113	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	129121	22.350	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	8184	18.036	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	104127	22.282	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	89223	22.475	ug/L	96
71) Naphthalene	15.360	128	144787	21.249	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74627	22.803	ug/L	97

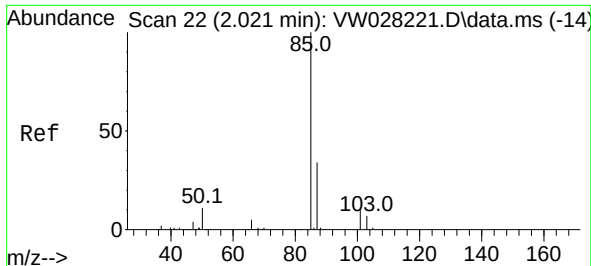
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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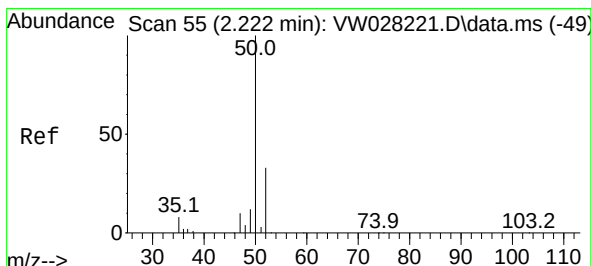
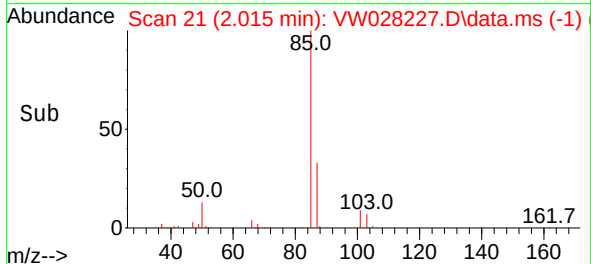
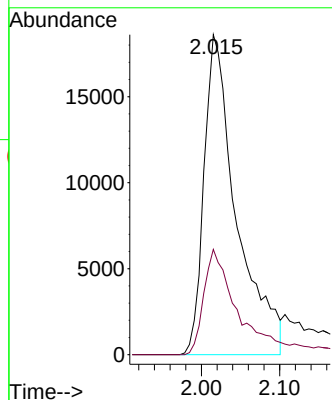
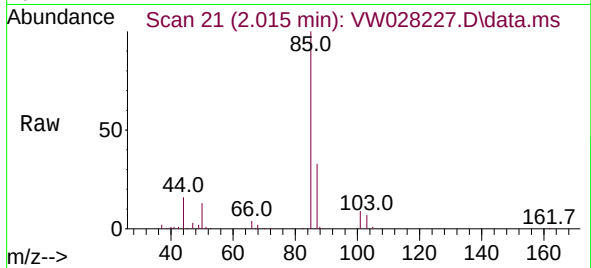




#2
Dichlorodifluoromethane
Concen: 17.608 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

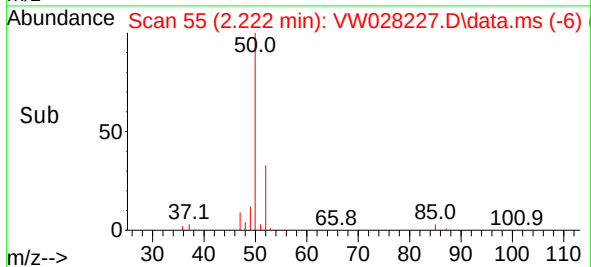
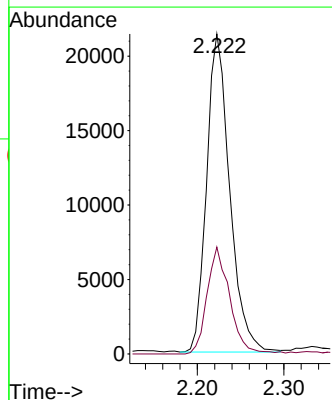
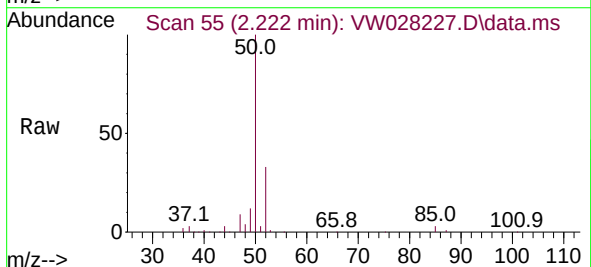
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MSVOA_W
ClientSampleId :

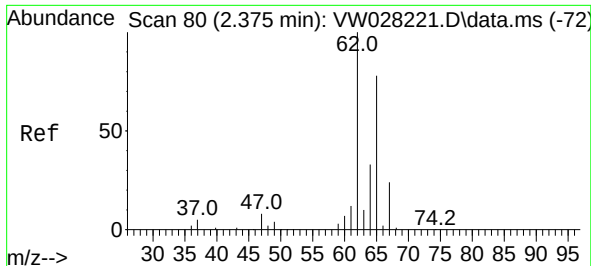
Tgt Ion: 85 Resp: 53647
Ion Ratio Lower Upper
85 100
87 26.4 20.9 31.3



#3
Chloromethane
Concen: 18.285 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion: 50 Resp: 39512
Ion Ratio Lower Upper
50 100
52 33.4 22.7 42.1

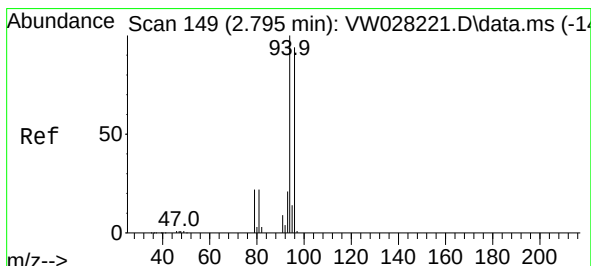
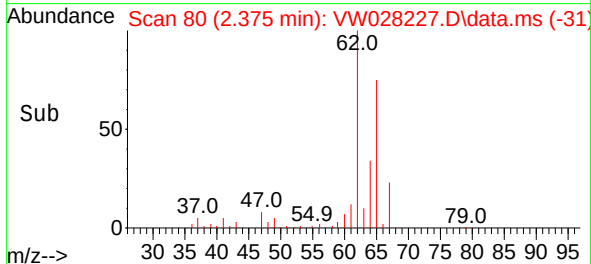
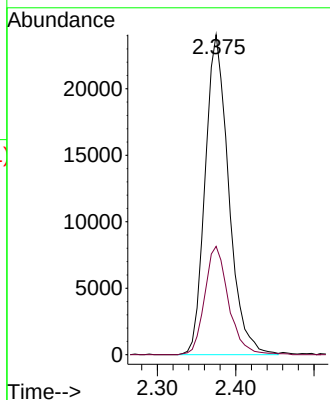
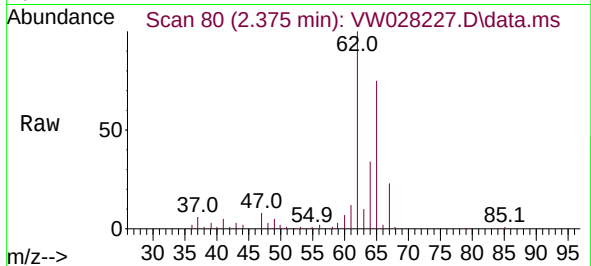




#5
 Vinyl chloride
 Concen: 20.568 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028227.D
 Acq: 22 Mar 2024 14:24

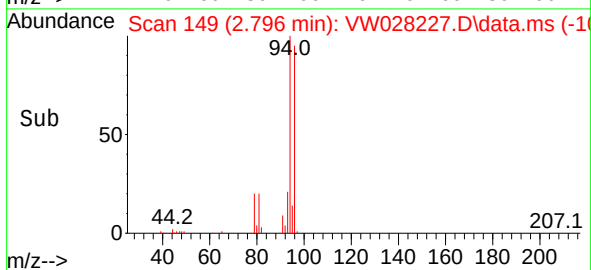
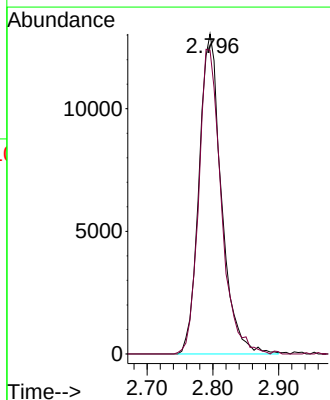
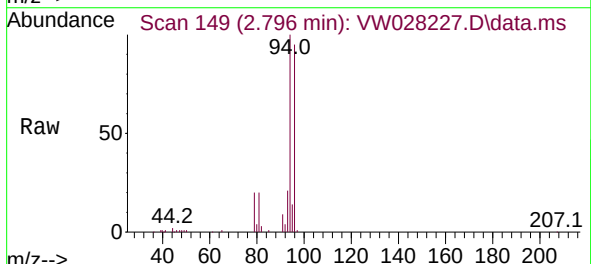
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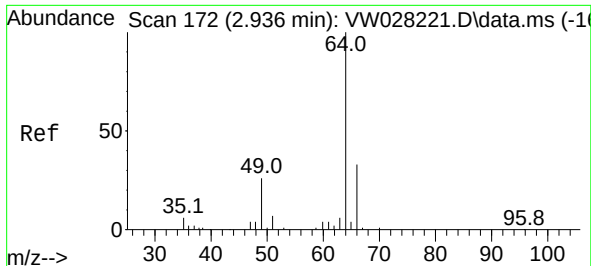
Tgt Ion: 62 Resp: 50242
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.5 41.7



#6
 Bromomethane
 Concen: 21.238 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW028227.D
 Acq: 22 Mar 2024 14:24

Tgt Ion: 94 Resp: 30896
 Ion Ratio Lower Upper
 94 100
 96 94.9 60.8 113.0

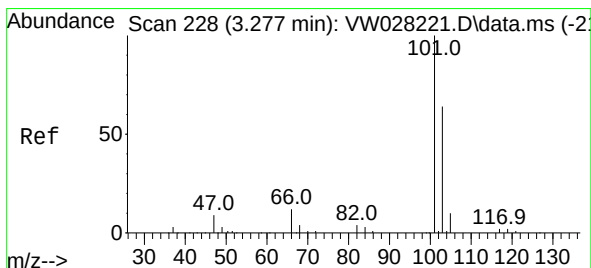
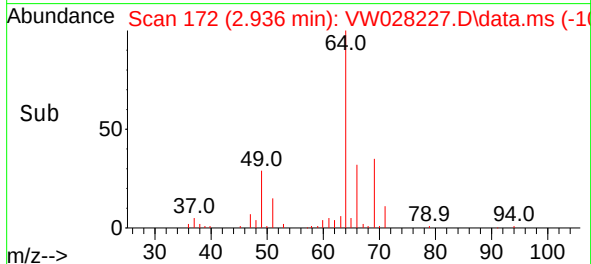
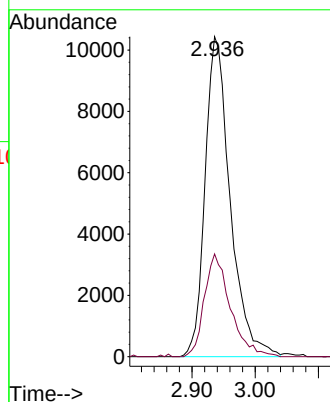
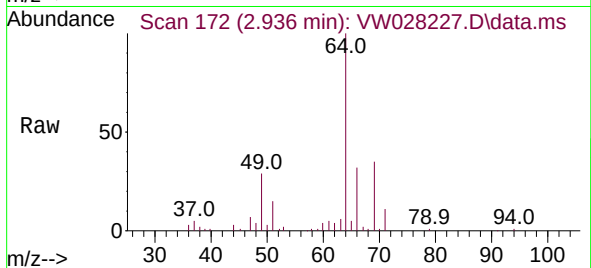




#8
Chloroethane
Concen: 21.924 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

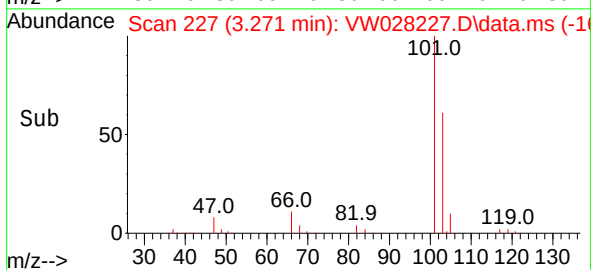
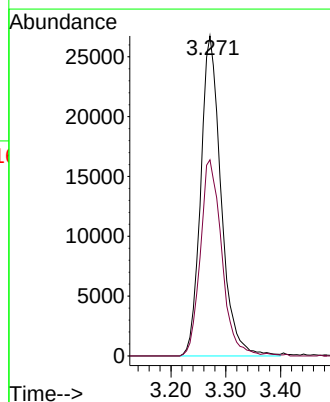
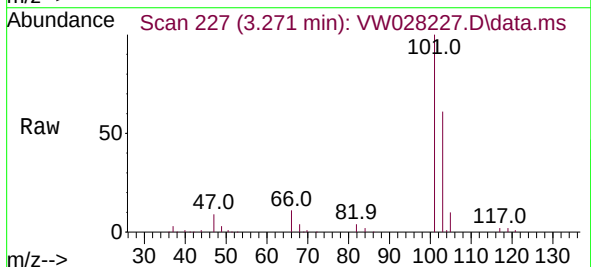
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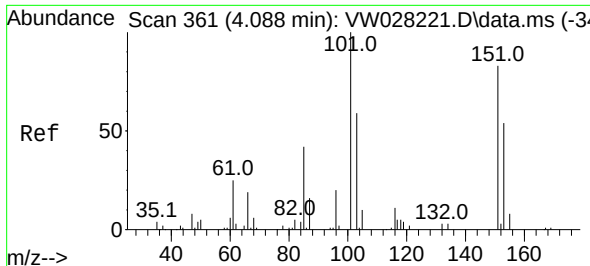
Tgt Ion: 64 Resp: 28784
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.382 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion:101 Resp: 69055
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

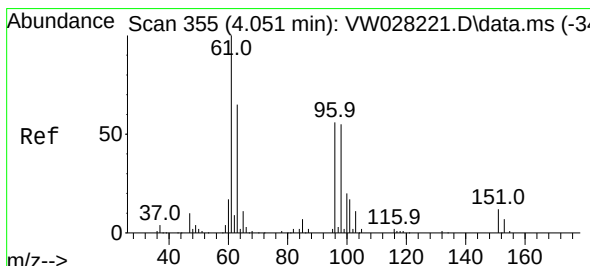
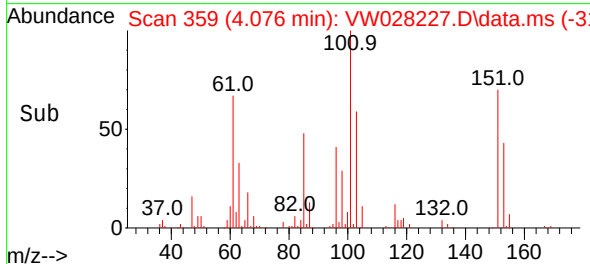
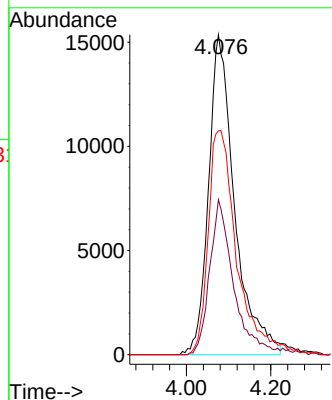
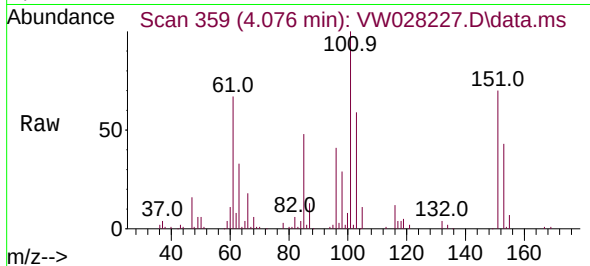




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.493 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.012 min
 Lab File: VW028227.D
 Acq: 22 Mar 2024 14:24

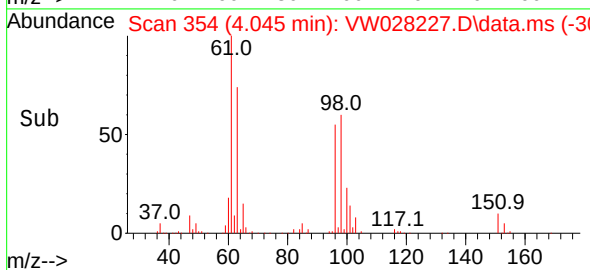
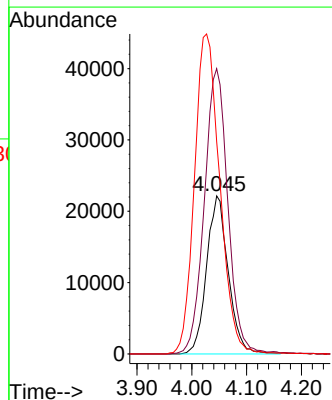
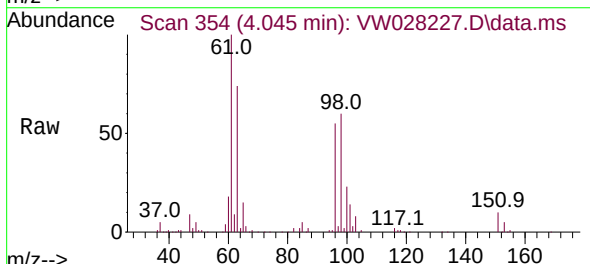
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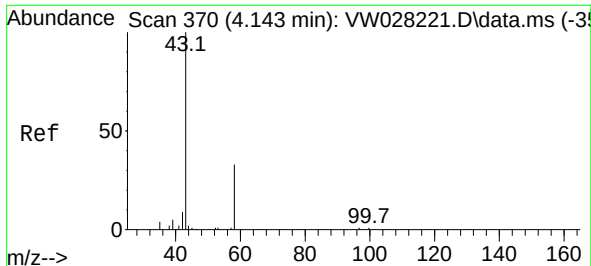
Tgt Ion:101 Resp: 65992
 Ion Ratio Lower Upper
 101 100
 85 42.7 36.4 54.6
 151 72.1 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 22.419 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028227.D
 Acq: 22 Mar 2024 14:24

Tgt Ion: 96 Resp: 60803
 Ion Ratio Lower Upper
 96 100
 61 180.4 132.2 245.4
 63 134.2 104.6 194.2

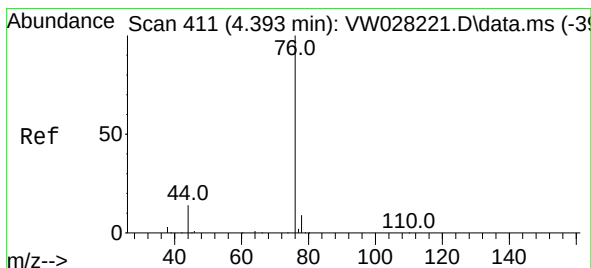
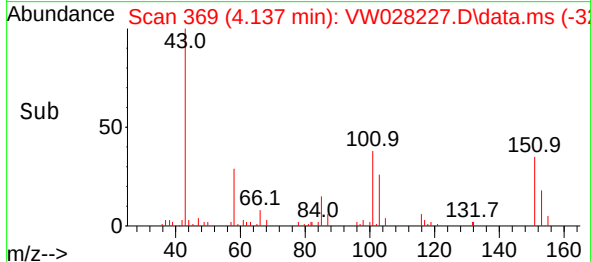
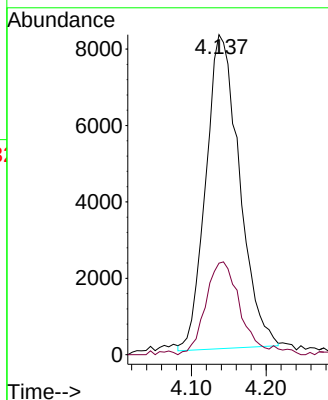
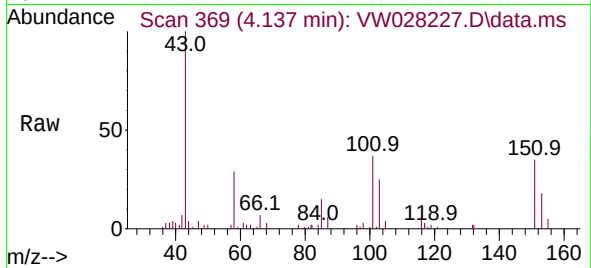




#13
Acetone
Concen: 31.979 ug/L
RT: 4.137 min Scan# 370
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

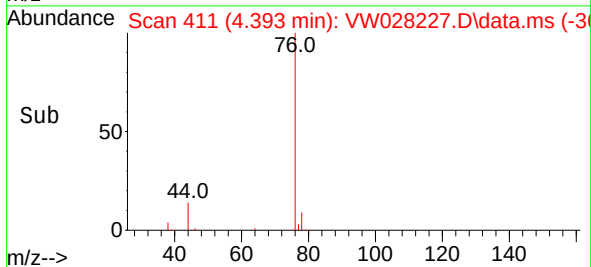
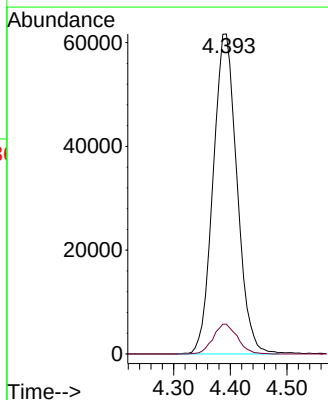
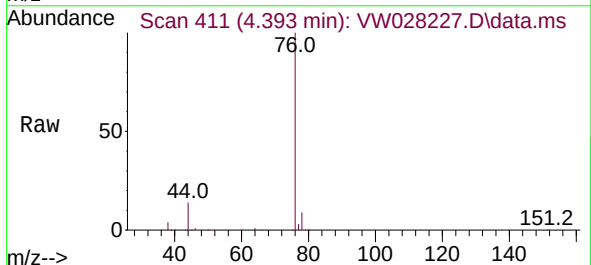
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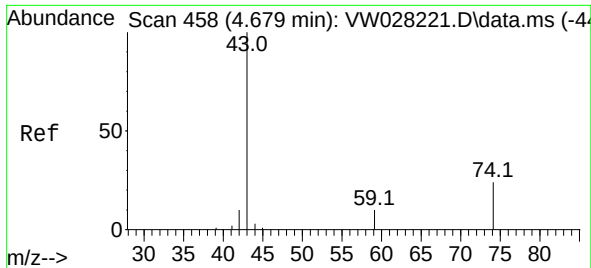
Tgt Ion: 43 Resp: 25735
Ion Ratio Lower Upper
43 100
58 29.8 0.0 57.8



#14
Carbon disulfide
Concen: 21.331 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 180436
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

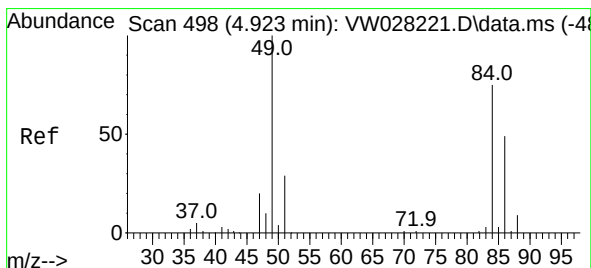
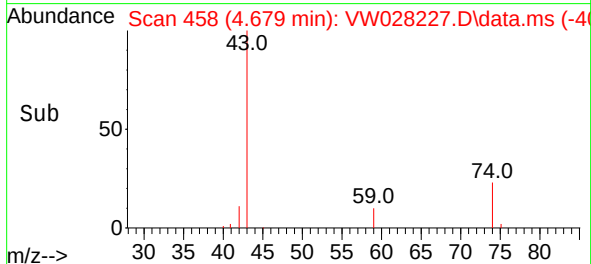
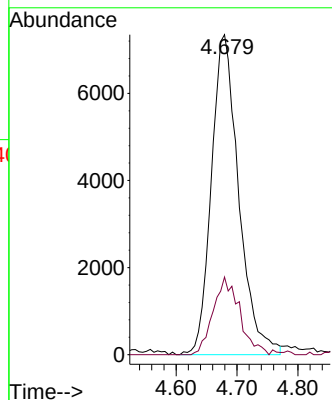
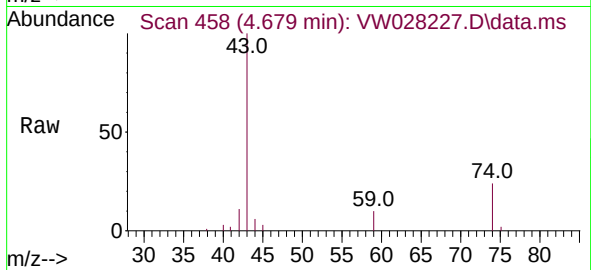




#15
Methyl Acetate
Concen: 18.495 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

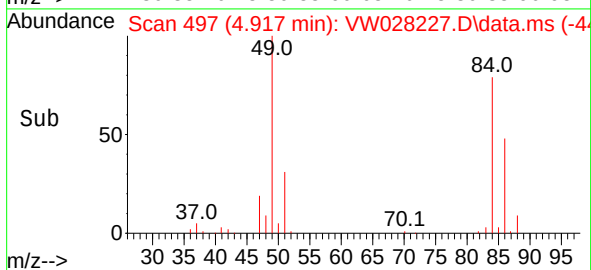
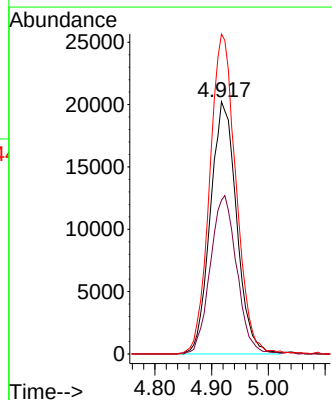
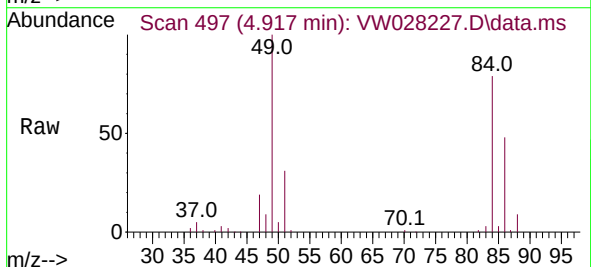
Instrument :
MSVOA_W
ClientSampleId :

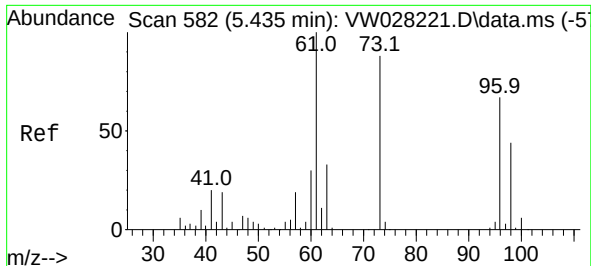
Tgt Ion: 43 Resp: 22926
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.2



#16
Methylene chloride
Concen: 20.316 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion: 84 Resp: 64941
Ion Ratio Lower Upper
84 100
86 61.0 43.1 80.1
49 126.8 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 22.070 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

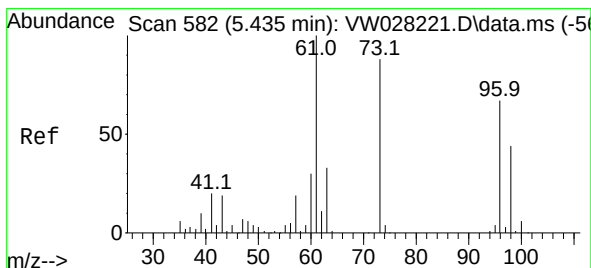
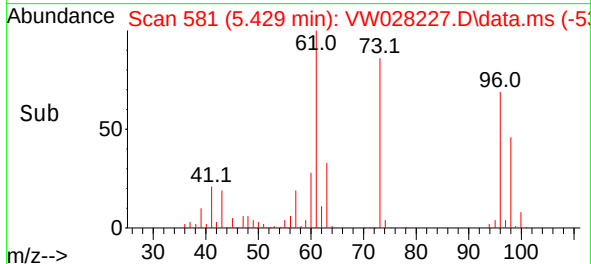
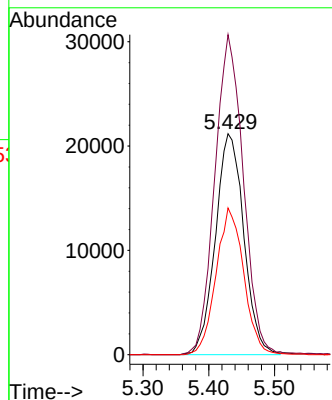
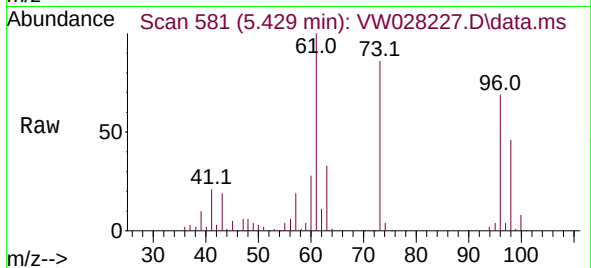
Tgt Ion: 96 Resp: 63612

Ion Ratio Lower Upper

96 100

61 144.8 98.4 182.8

98 66.4 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 21.574 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

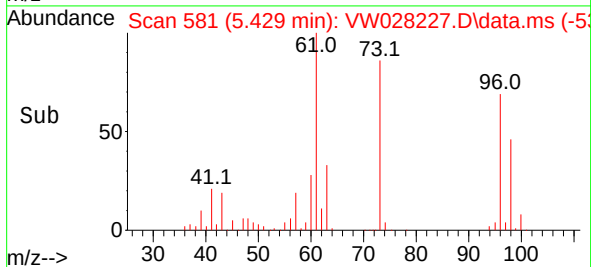
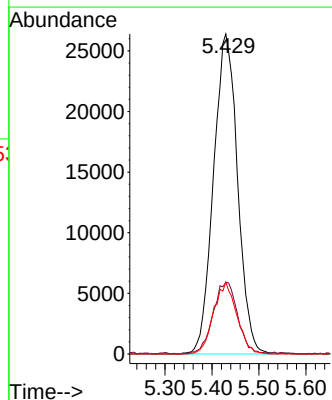
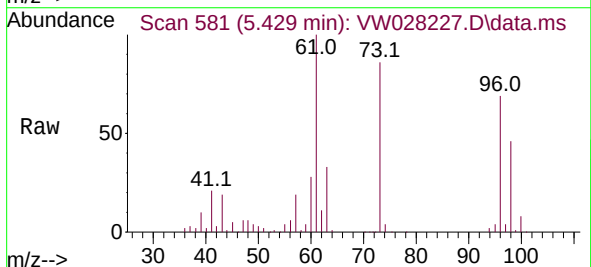
Tgt Ion: 73 Resp: 93815

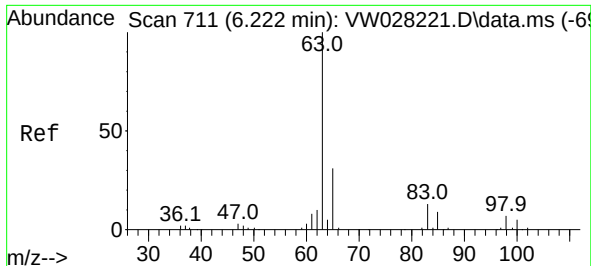
Ion Ratio Lower Upper

73 100

43 22.9 18.2 27.4

57 21.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 22.206 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

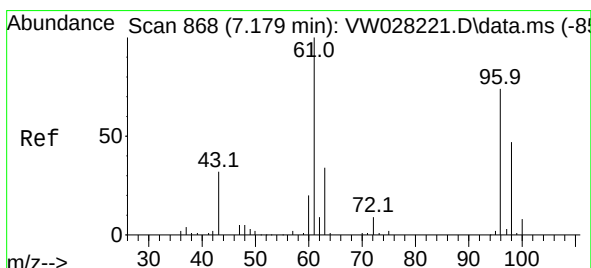
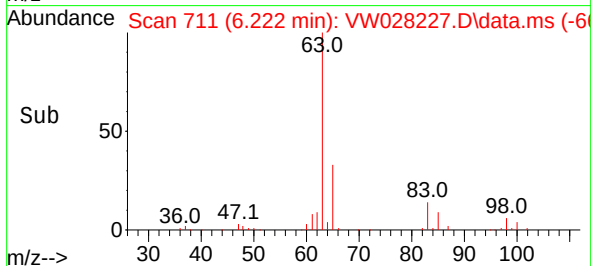
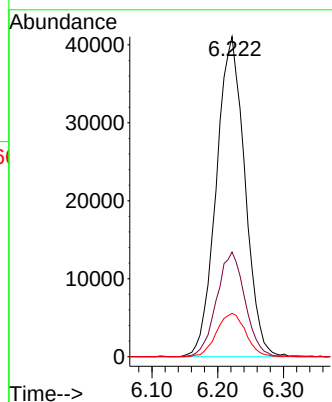
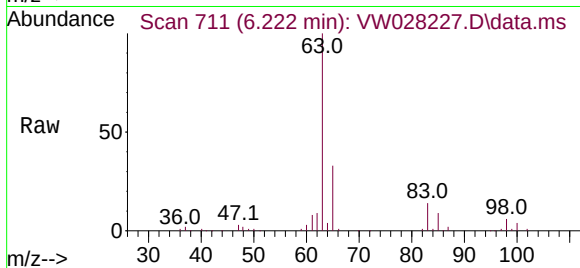
Tgt Ion: 63 Resp: 123911

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 13.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.230 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

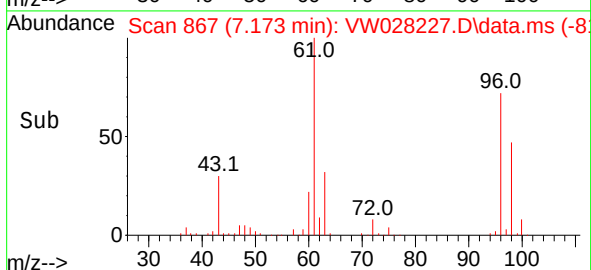
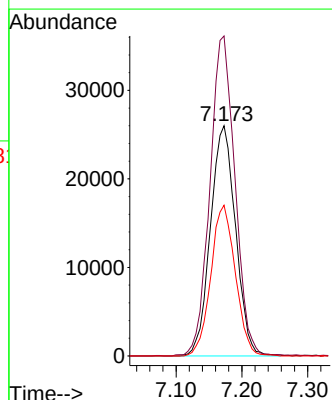
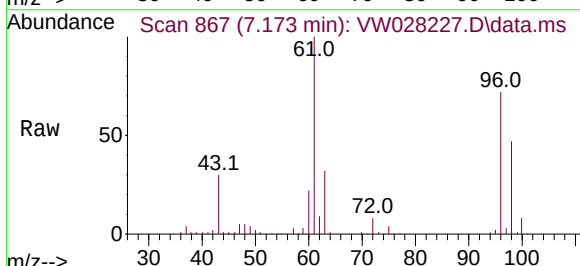
Tgt Ion: 96 Resp: 69198

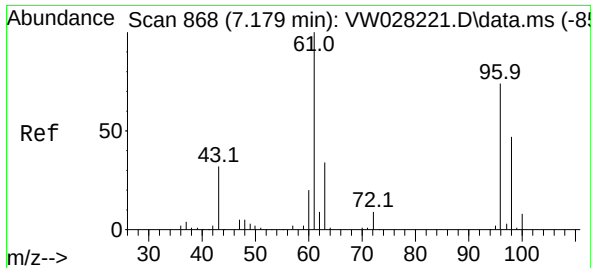
Ion Ratio Lower Upper

96 100

61 139.0 95.7 177.7

98 65.5 43.9 81.5





#22

2-Butanone

Concen: 35.509 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

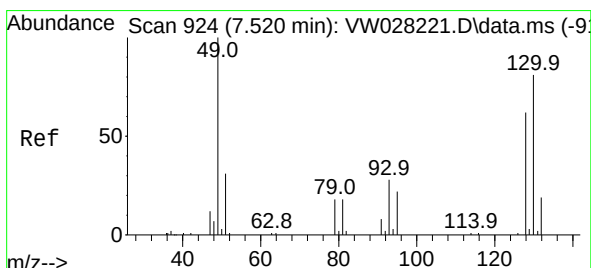
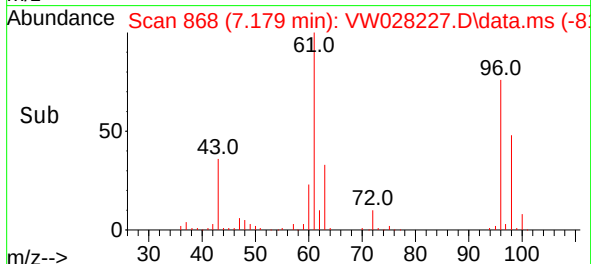
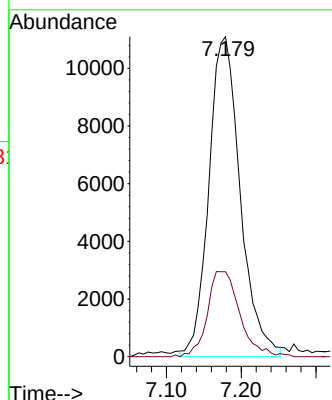
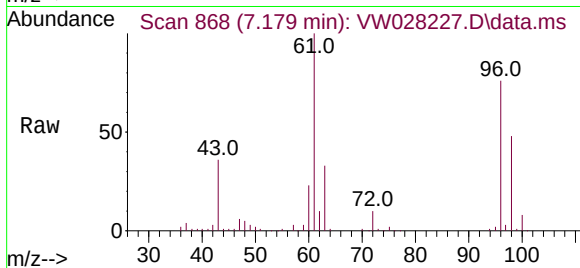
ClientSampleId :

Tgt Ion: 43 Resp: 32444

Ion Ratio Lower Upper

43 100

72 27.1 12.8 38.4



#23

Bromochloromethane

Concen: 21.408 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Tgt Ion: 128 Resp: 29462

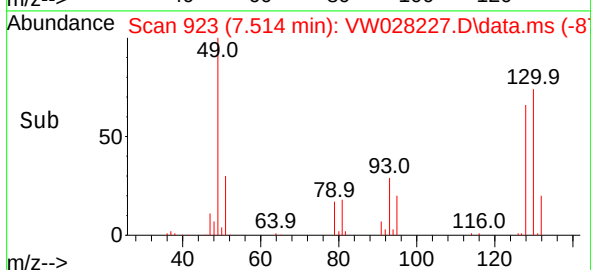
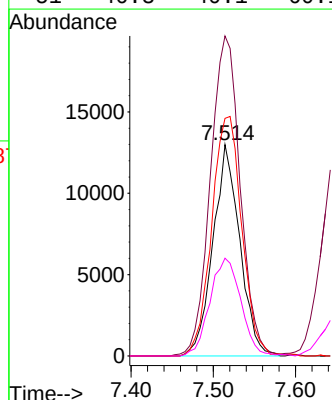
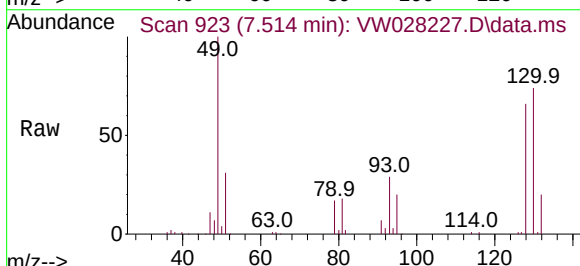
Ion Ratio Lower Upper

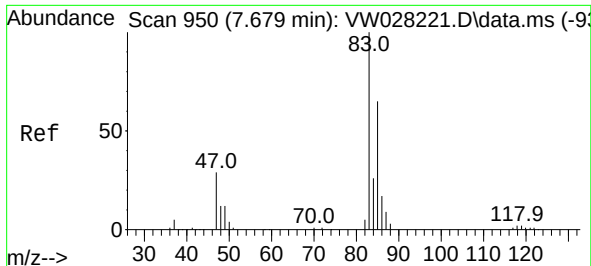
128 100

49 151.4 116.6 216.6

130 112.5 80.1 148.7

51 46.3 40.1 60.1





#25

Chloroform

Concen: 22.543 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

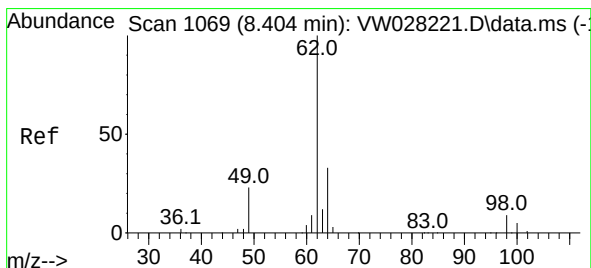
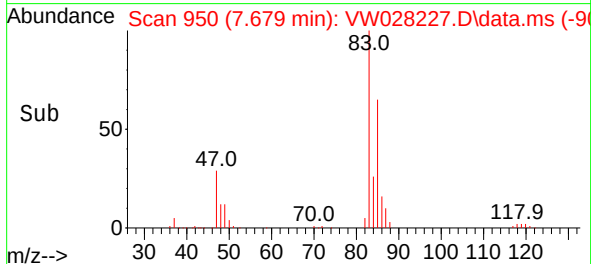
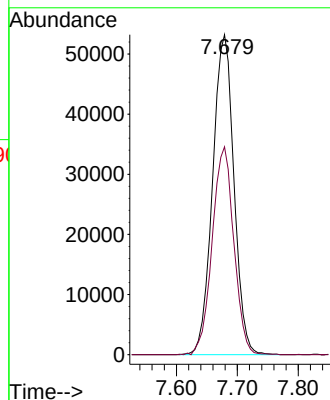
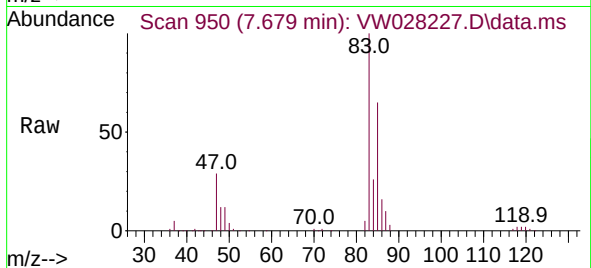
ClientSampleId :

Tgt Ion: 83 Resp: 129499

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 21.051 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW028227.D

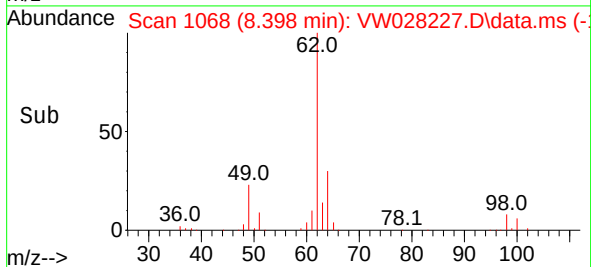
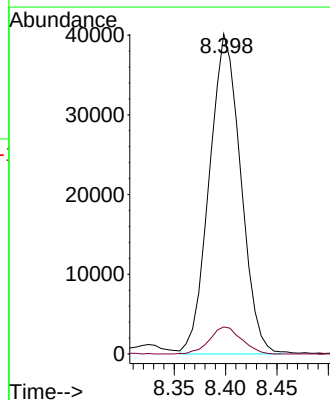
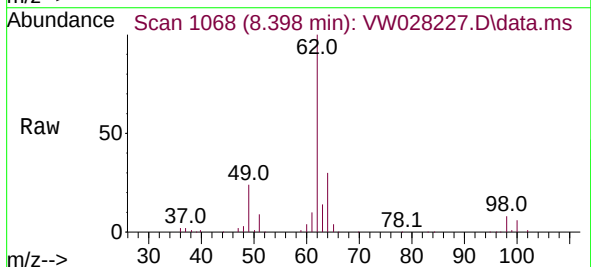
Acq: 22 Mar 2024 14:24

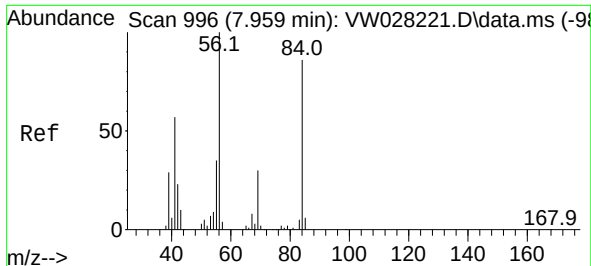
Tgt Ion: 62 Resp: 85396

Ion Ratio Lower Upper

62 100

98 8.5 5.9 8.9





#29

Cyclohexane

Concen: 22.533 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

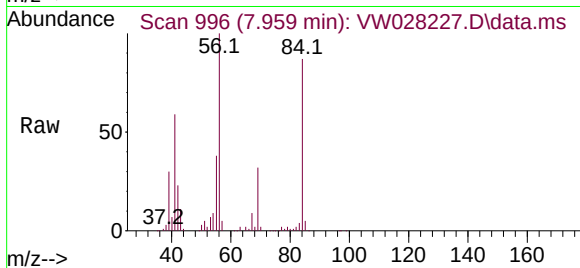
Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :



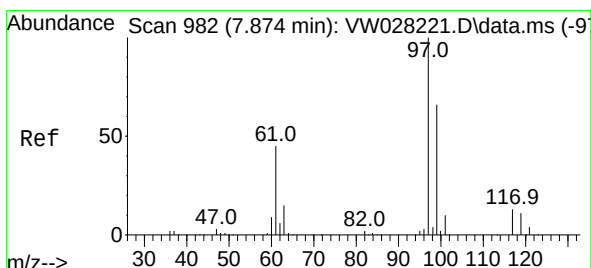
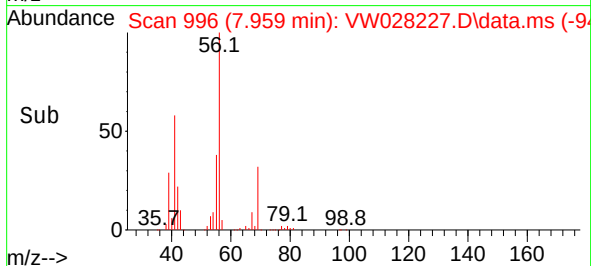
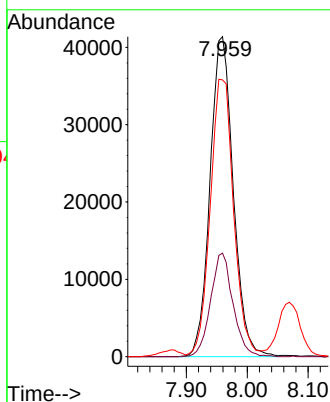
Tgt Ion: 56 Resp: 109702

Ion Ratio Lower Upper

56 100

69 31.0 24.0 36.0

84 87.5 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.301 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

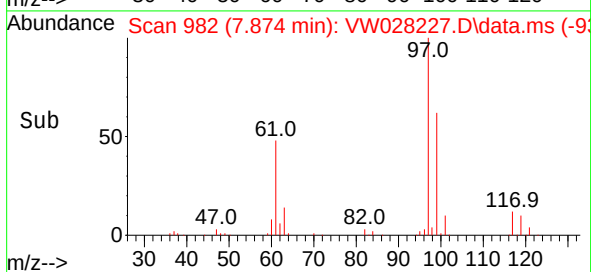
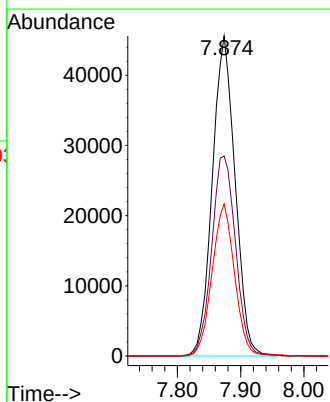
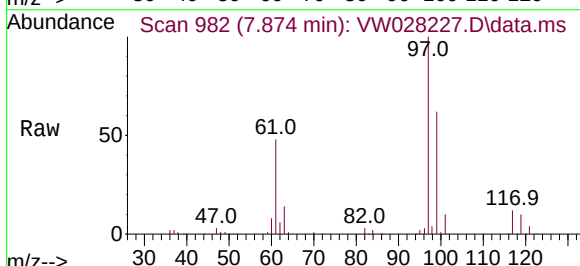
Tgt Ion: 97 Resp: 114011

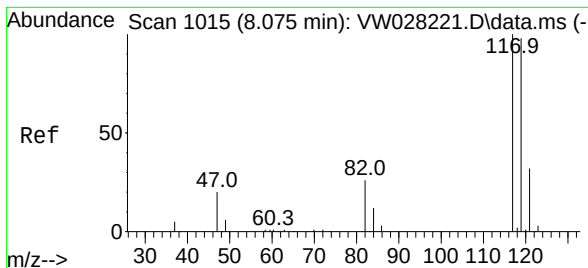
Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

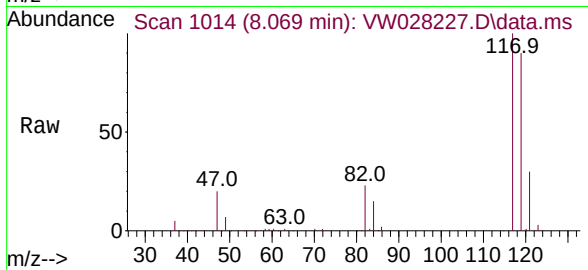
61 46.7 37.0 55.6



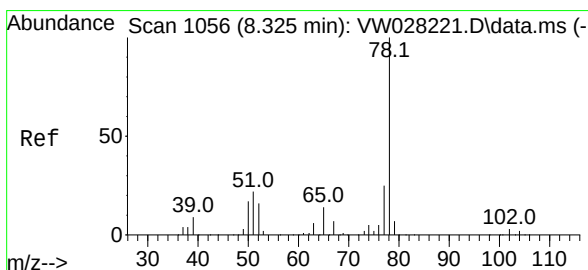
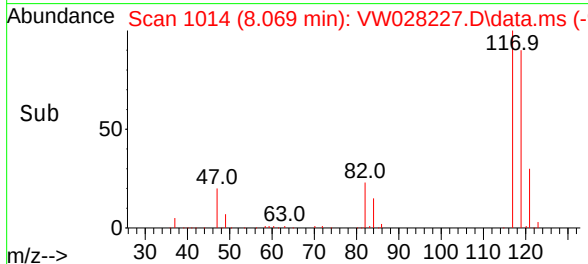
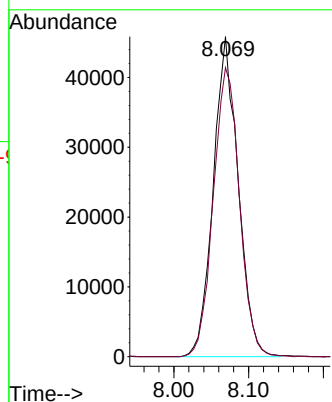


#31
Carbon tetrachloride
Concen: 23.117 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Instrument :
MSVOA_W
ClientSampleId :

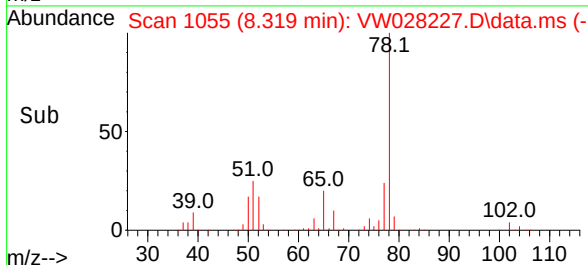
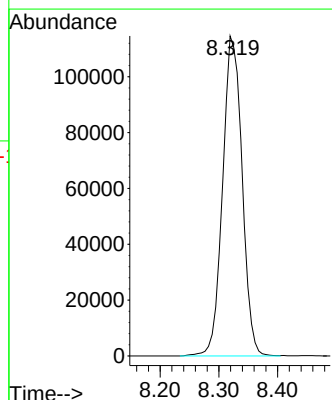
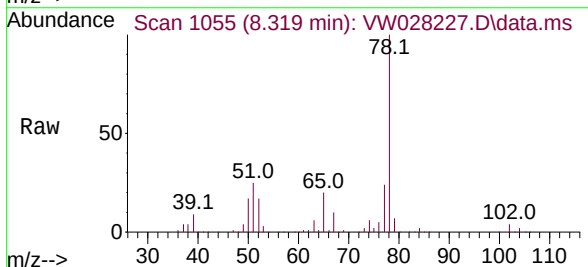


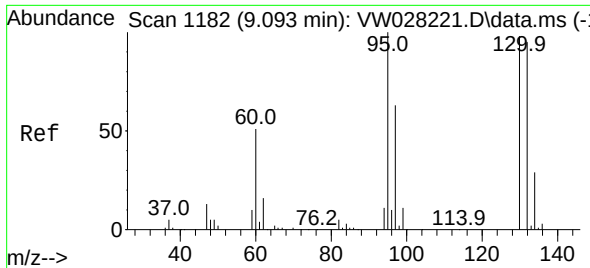
Tgt Ion:117 Resp: 106095
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.4



#33
Benzene
Concen: 23.003 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion: 78 Resp: 264211



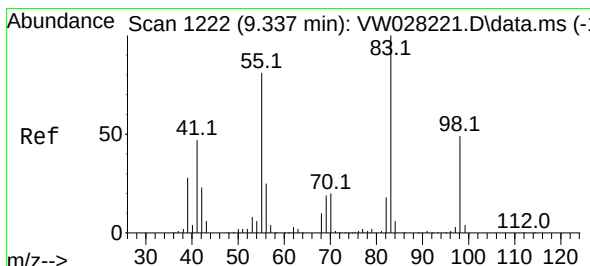
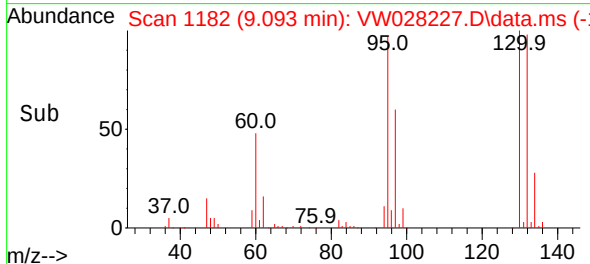
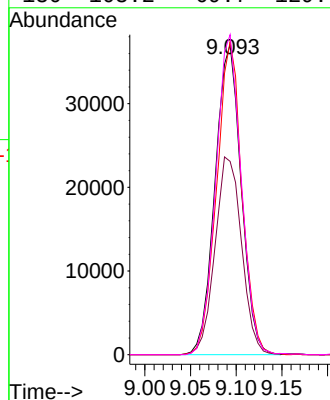
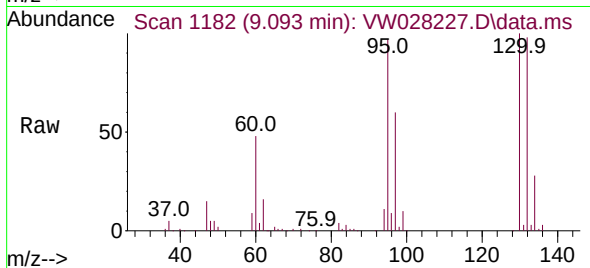


#34
Trichloroethene
Concen: 22.937 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 73503

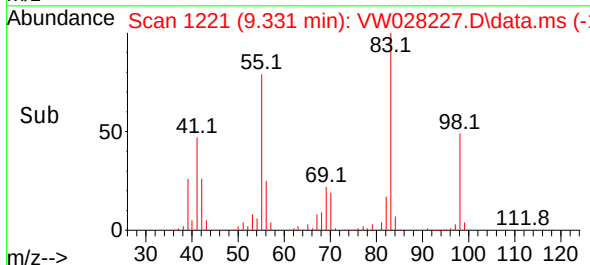
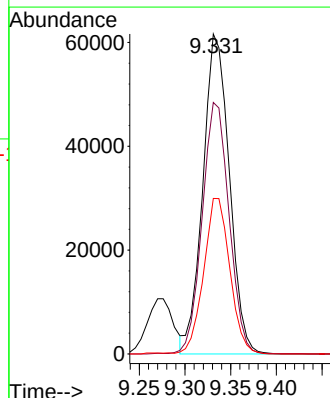
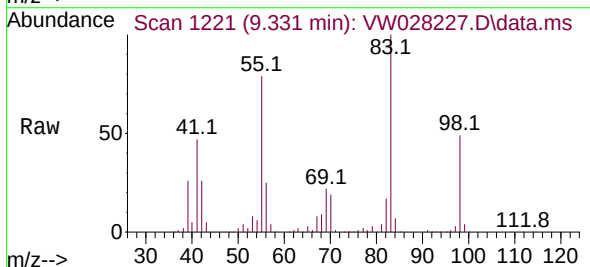
Ion	Ratio	Lower	Upper
95	100		
97	62.3	42.4	78.6
132	101.0	69.4	128.8
130	103.2	69.7	129.4

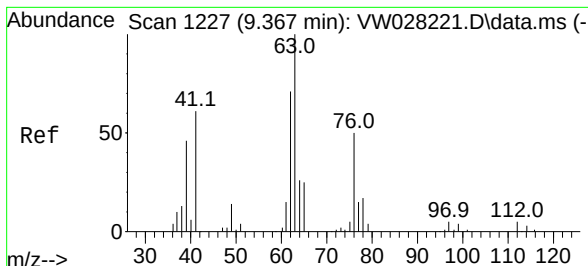


#35
Methylcyclohexane
Concen: 22.912 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion: 83 Resp: 124108

Ion	Ratio	Lower	Upper
83	100		
55	79.8	64.2	96.4
98	48.1	38.3	57.5





#37

1,2-Dichloropropane

Concen: 22.998 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

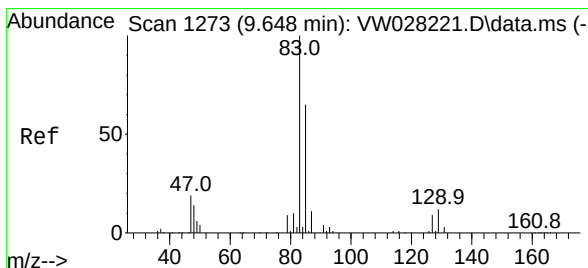
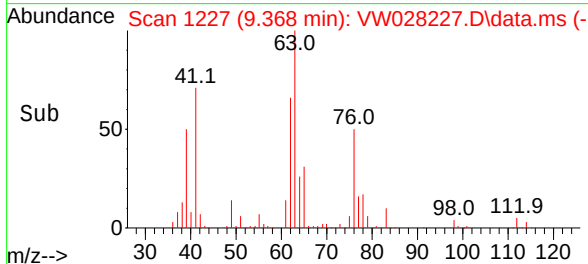
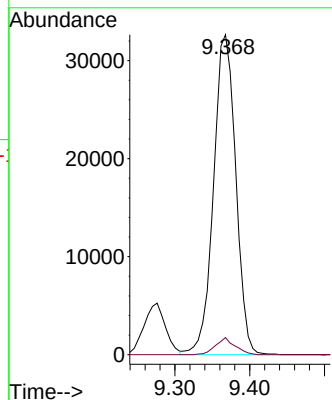
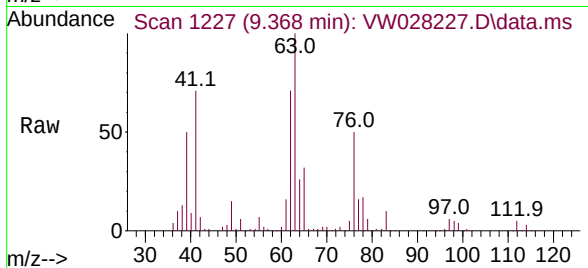
ClientSampleId :

Tgt Ion: 63 Resp: 67565

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 22.820 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

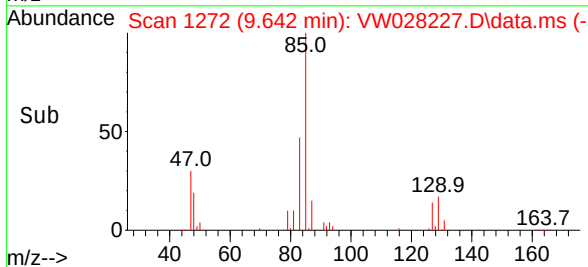
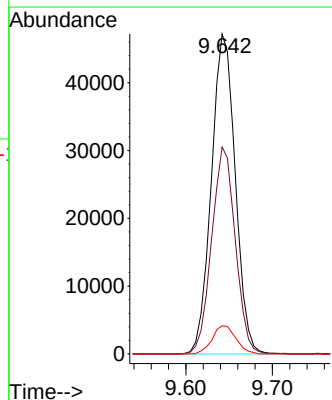
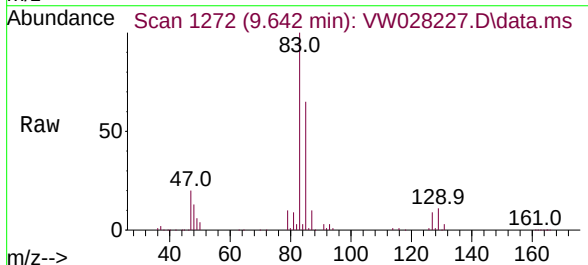
Tgt Ion: 83 Resp: 90390

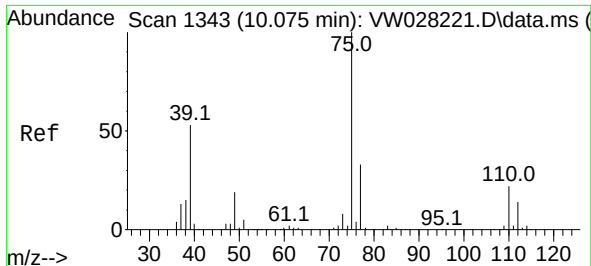
Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.2

127 8.8 6.5 9.7

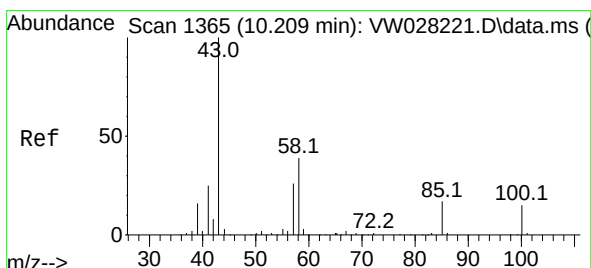
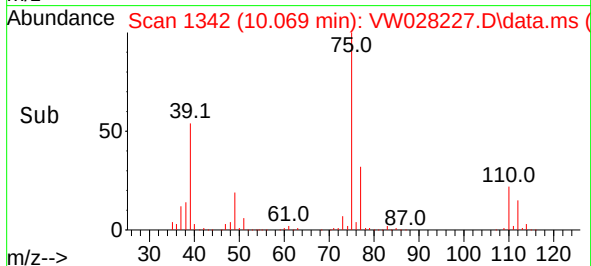
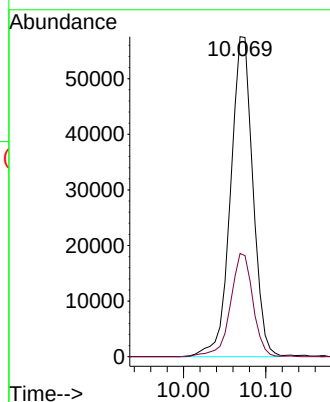
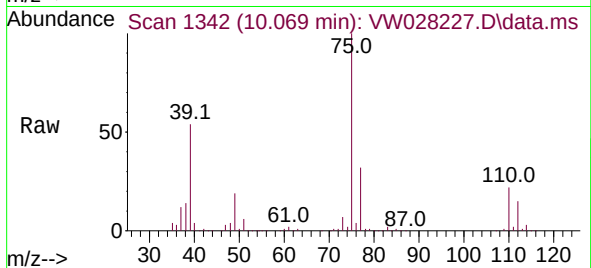




#39
cis-1,3-Dichloropropene
Concen: 23.114 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

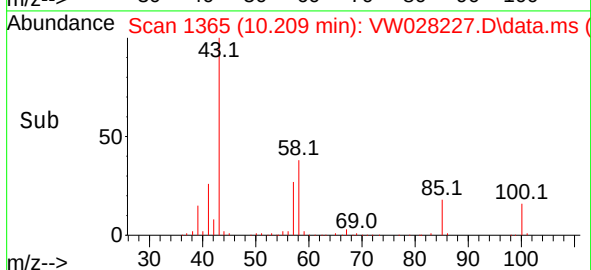
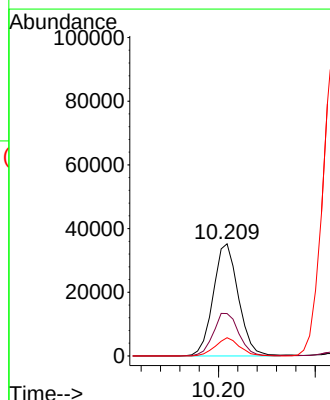
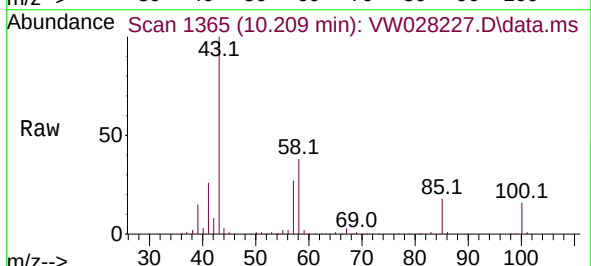
Instrument :
MSVOA_W
ClientSampleId :

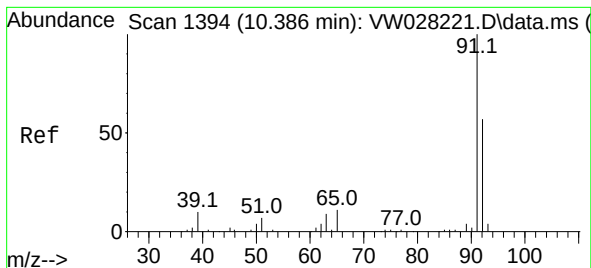
Tgt Ion: 75 Resp: 108749
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 39.260 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion: 43 Resp: 63666
Ion Ratio Lower Upper
43 100
58 38.6 30.1 45.1
100 15.6 11.8 17.8





#42

Toluene

Concen: 22.891 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

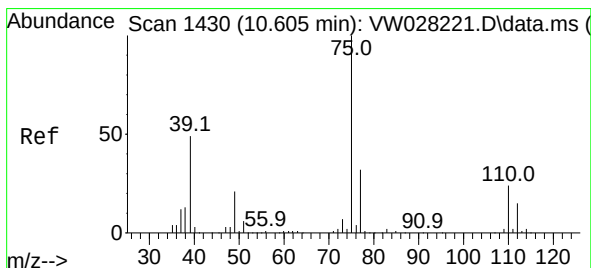
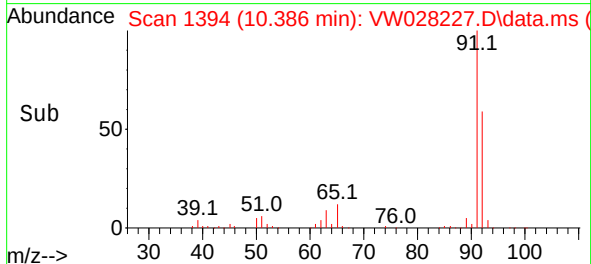
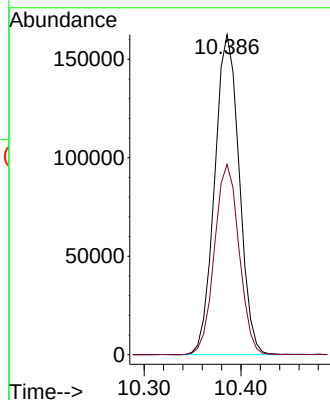
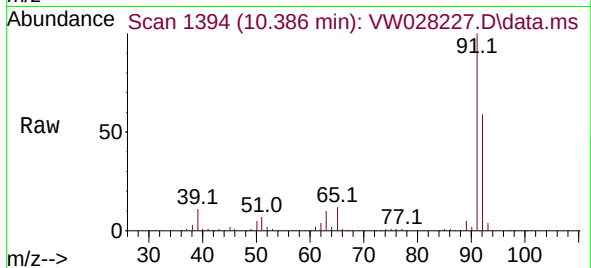
ClientSampleId :

Tgt Ion: 91 Resp: 286954

Ion Ratio Lower Upper

91 100

92 59.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 22.499 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028227.D

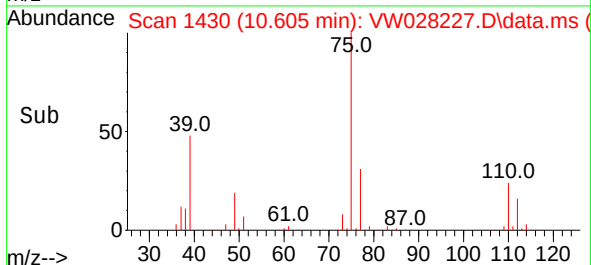
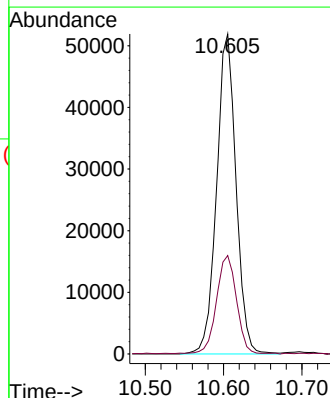
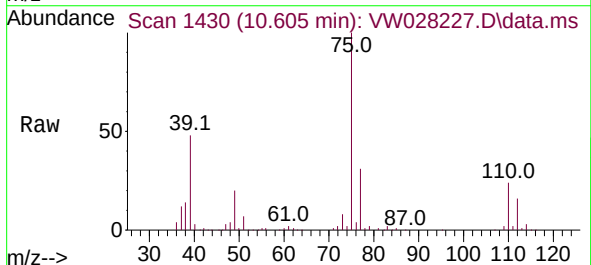
Acq: 22 Mar 2024 14:24

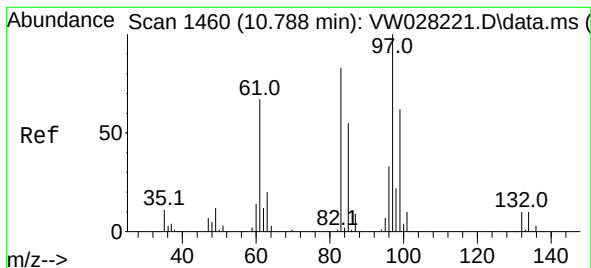
Tgt Ion: 75 Resp: 89373

Ion Ratio Lower Upper

75 100

77 30.7 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 21.940 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

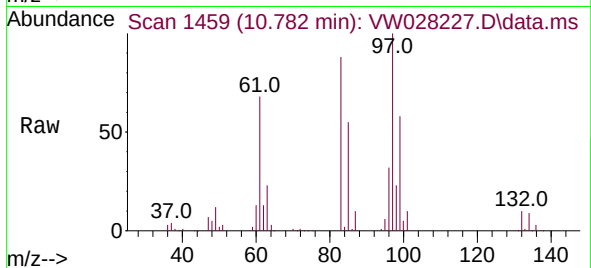
Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 46570

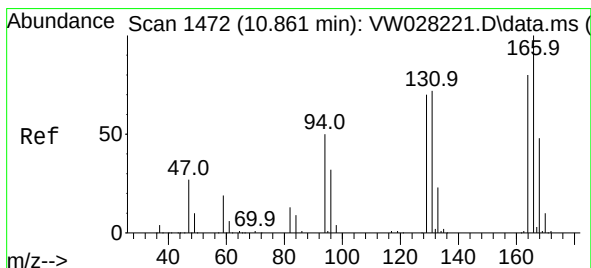
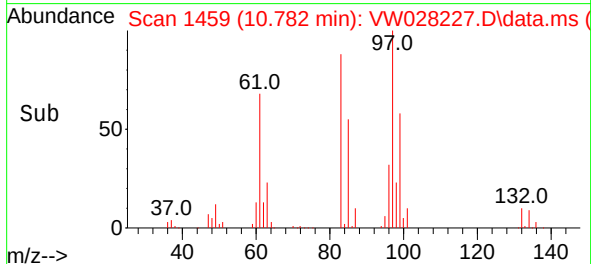
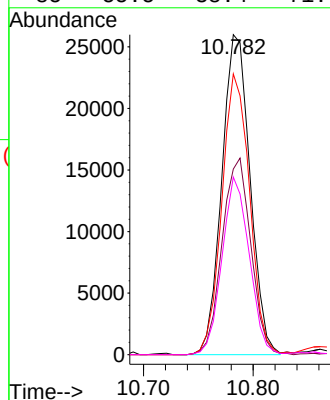
Ion Ratio Lower Upper

97 100

99 58.0 43.4 80.6

83 87.8 59.4 110.4

85 55.5 38.4 71.4



#46

Tetrachloroethene

Concen: 22.952 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Tgt Ion:164 Resp: 59288

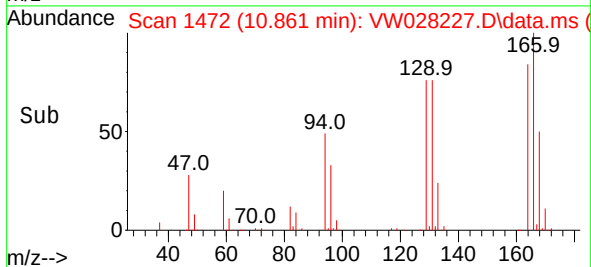
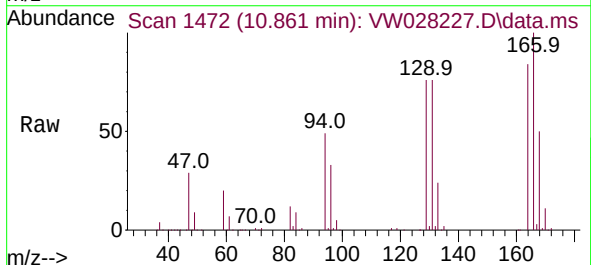
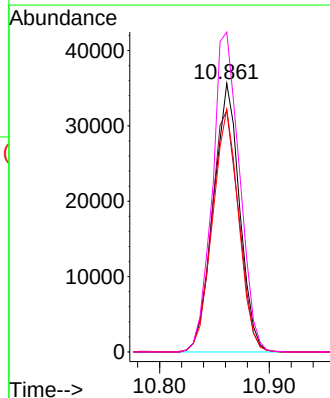
Ion Ratio Lower Upper

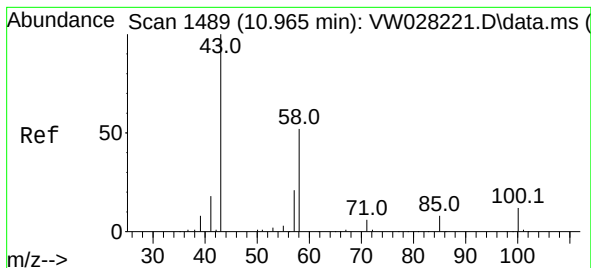
164 100

129 90.0 64.0 119.0

131 90.4 62.6 116.3

166 119.2 84.7 157.3





#48

2-Hexanone

Concen: 37.875 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 48113

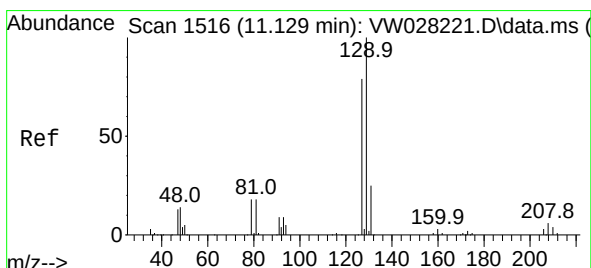
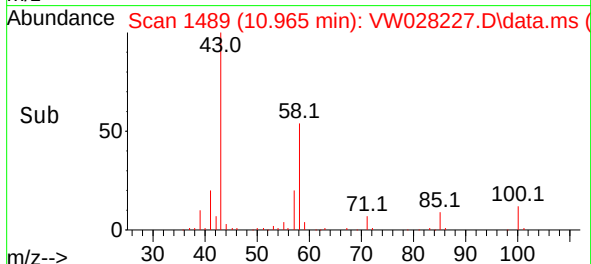
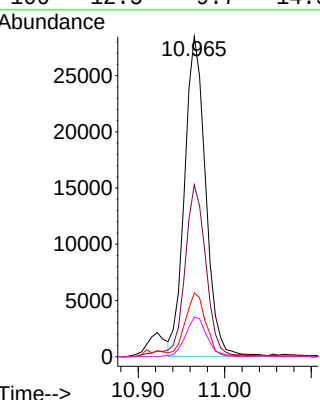
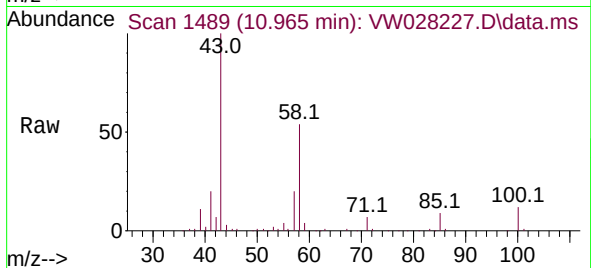
Ion Ratio Lower Upper

43 100

58 52.9 40.6 61.0

57 19.7 15.7 23.5

100 12.5 9.7 14.5



#49

Dibromochloromethane

Concen: 22.383 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028227.D

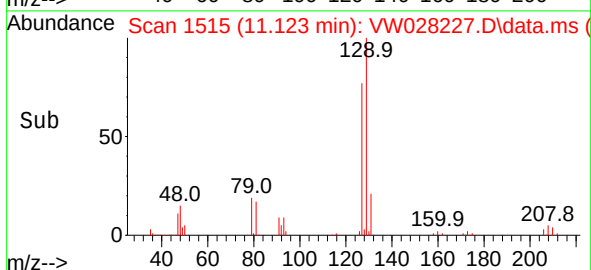
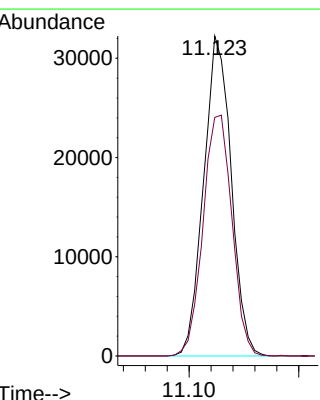
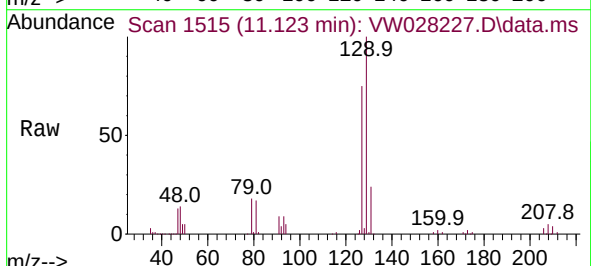
Acq: 22 Mar 2024 14:24

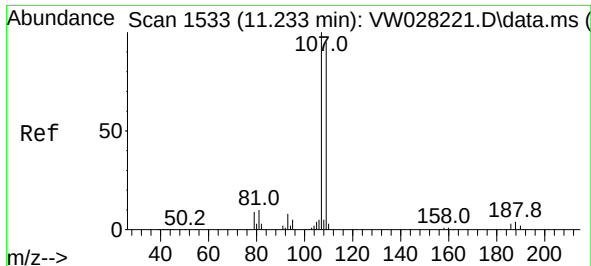
Tgt Ion: 129 Resp: 56268

Ion Ratio Lower Upper

129 100

127 74.5 53.1 98.7





#50

1,2-Dibromoethane

Concen: 21.610 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028227.D

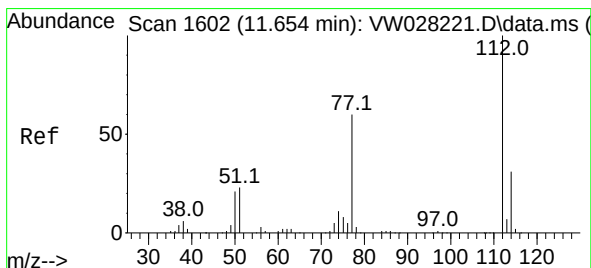
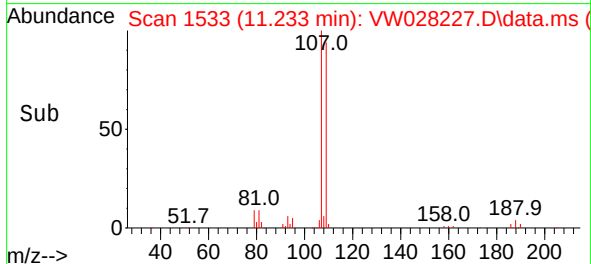
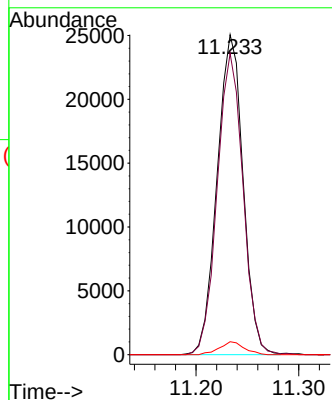
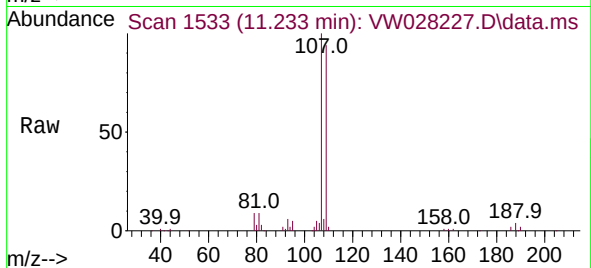
Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	43860
Ion Ratio	Lower	Upper	
107	100		
109	94.2	64.4	119.6
188	4.0	3.4	5.2



#51

Chlorobenzene

Concen: 23.275 ug/L

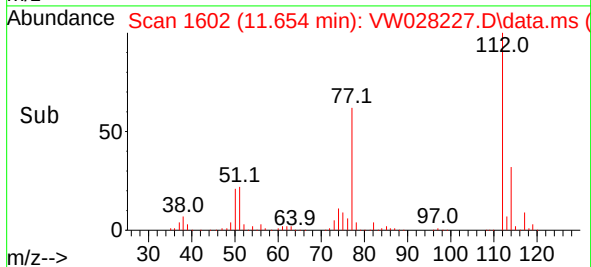
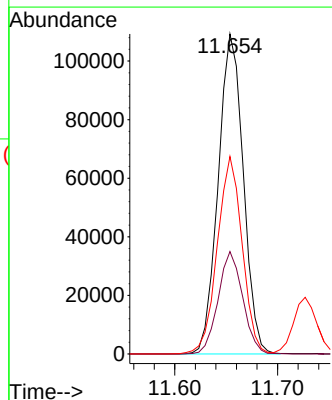
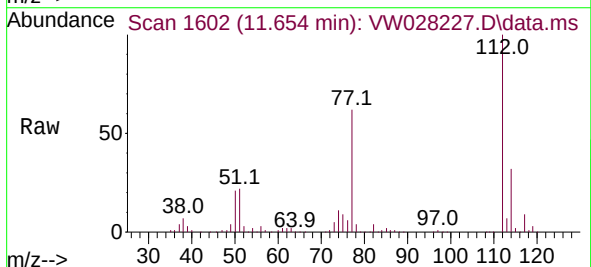
RT: 11.654 min Scan# 1602

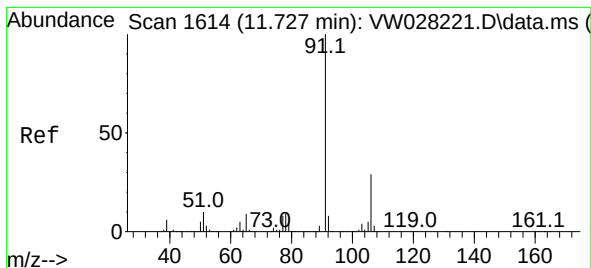
Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Tgt Ion:	112	Resp:	185193
Ion Ratio	Lower	Upper	
112	100		
114	32.0	21.8	40.6
77	61.7	50.6	76.0





#52

Ethylbenzene

Concen: 23.408 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

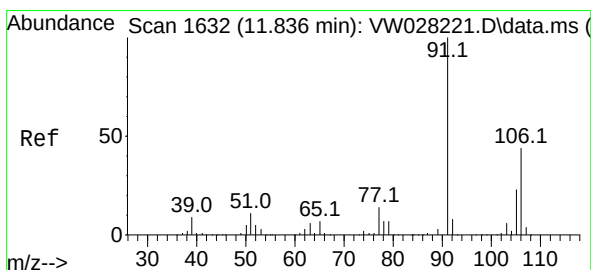
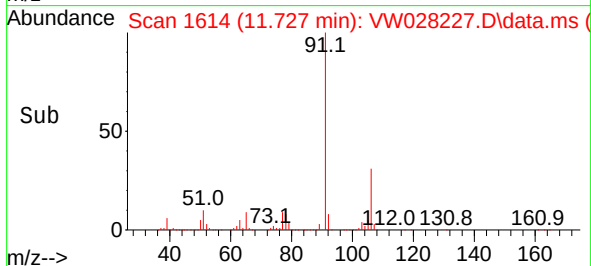
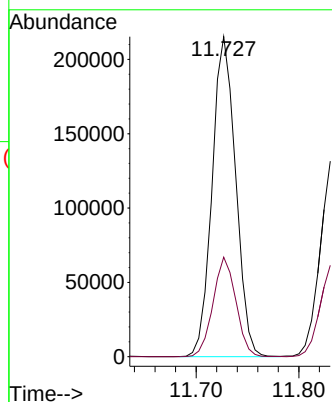
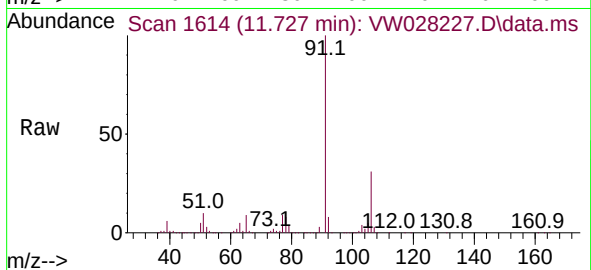
ClientSampleId :

Tgt Ion: 91 Resp: 342553

Ion Ratio Lower Upper

91 100

106 31.1 21.3 39.5



#53

m,p-Xylene

Concen: 23.260 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028227.D

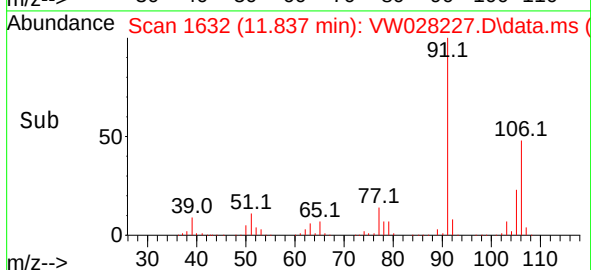
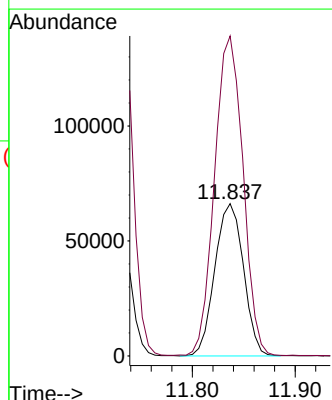
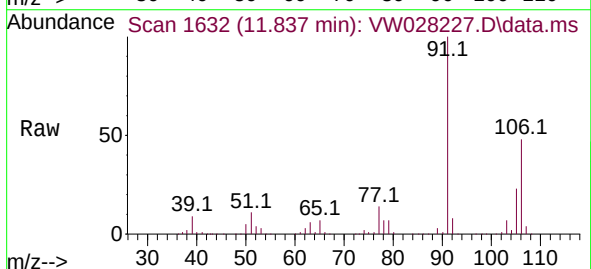
Acq: 22 Mar 2024 14:24

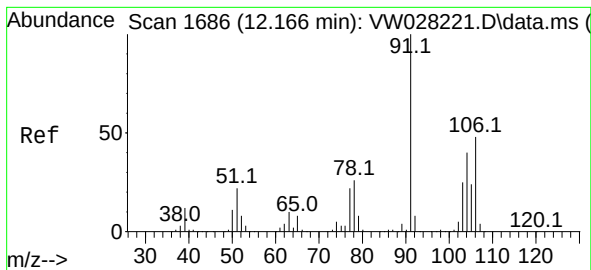
Tgt Ion:106 Resp: 128091

Ion Ratio Lower Upper

106 100

91 210.0 147.1 273.1





#54

o-Xylene

Concen: 23.107 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

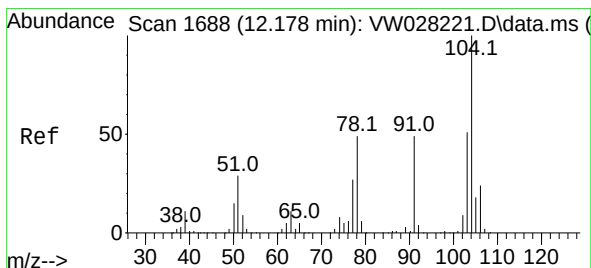
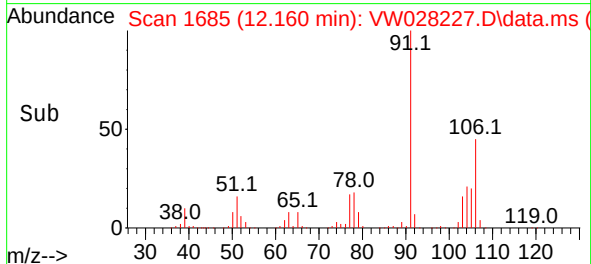
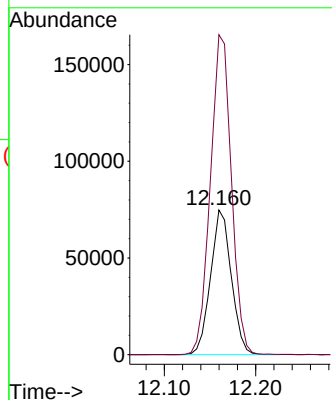
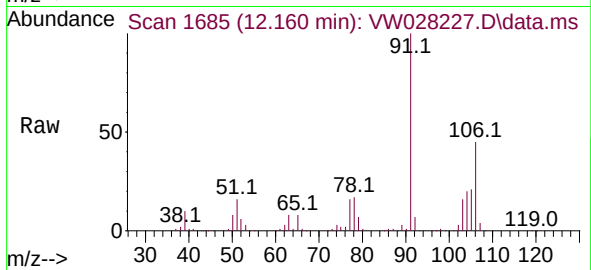
ClientSampleId :

Tgt Ion:106 Resp: 118001

Ion Ratio Lower Upper

106 100

91 221.1 149.2 277.2



#55

Styrene

Concen: 23.256 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028227.D

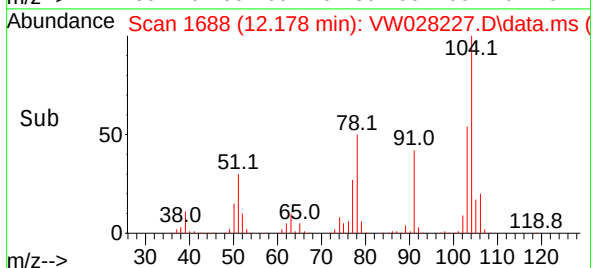
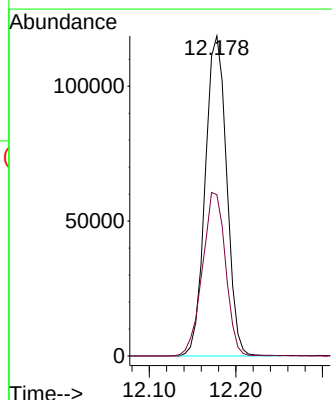
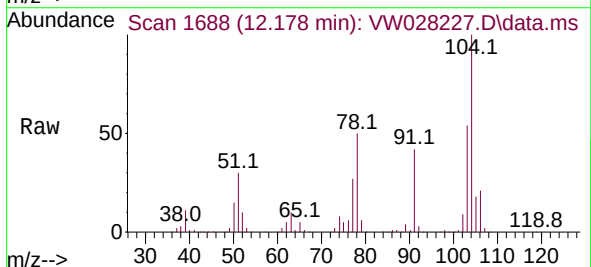
Acq: 22 Mar 2024 14:24

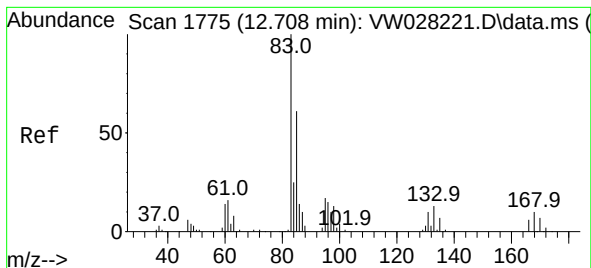
Tgt Ion:104 Resp: 203995

Ion Ratio Lower Upper

104 100

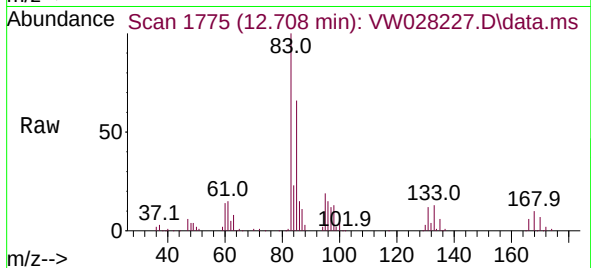
78 50.4 33.2 61.7



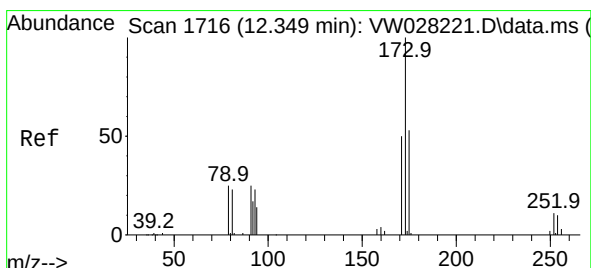
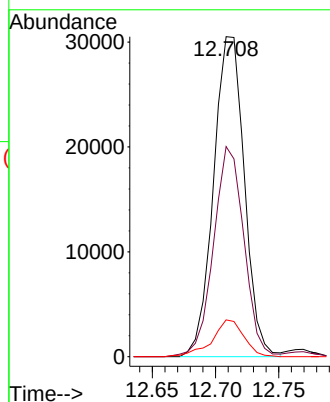
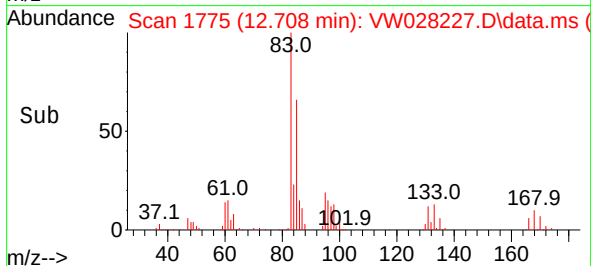


#57
1,1,2,2-Tetrachloroethane
Concen: 21.353 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Instrument :
MSVOA_W
ClientSampleId :

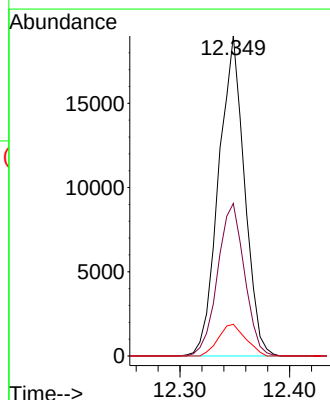
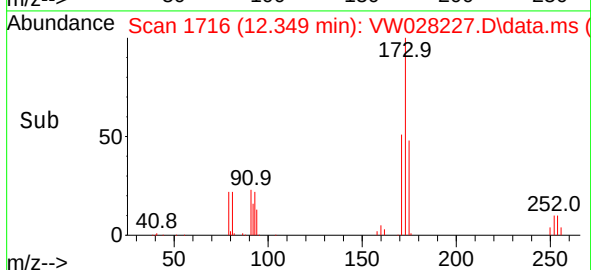
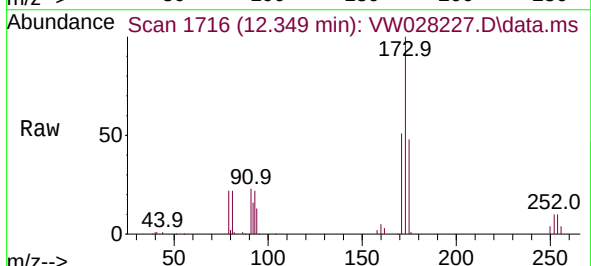


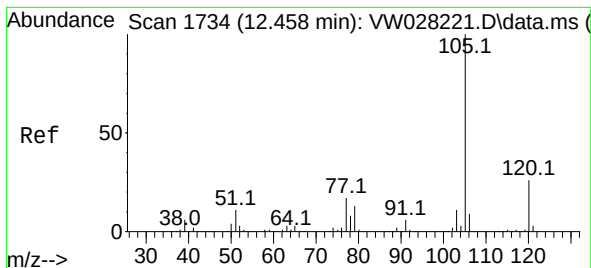
Tgt Ion: 83 Resp: 51844
Ion Ratio Lower Upper
83 100
85 65.6 47.0 87.2
131 11.5 8.9 13.3



#59
Bromoform
Concen: 20.523 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion:173 Resp: 31125
Ion Ratio Lower Upper
173 100
175 49.3 39.8 59.6
254 10.4 8.5 12.7





#60

Isopropylbenzene

Concen: 23.242 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

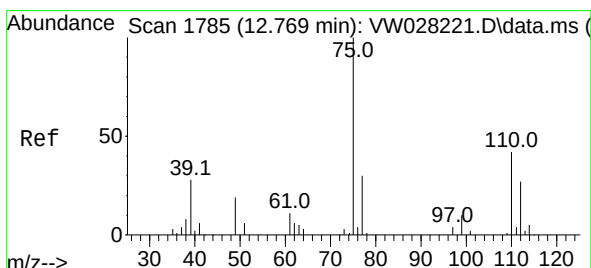
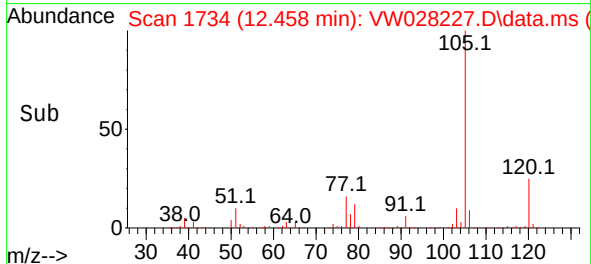
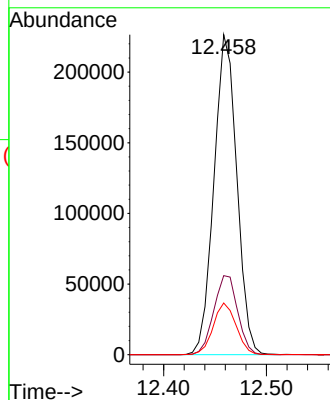
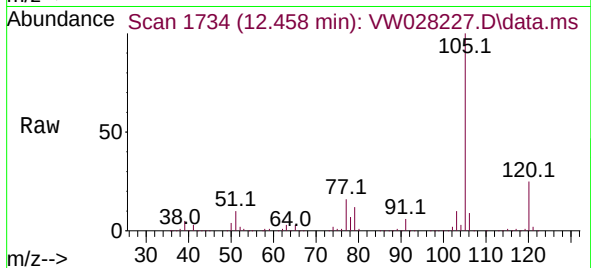
Tgt Ion:105 Resp: 349507

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

77 16.2 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 19.512 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

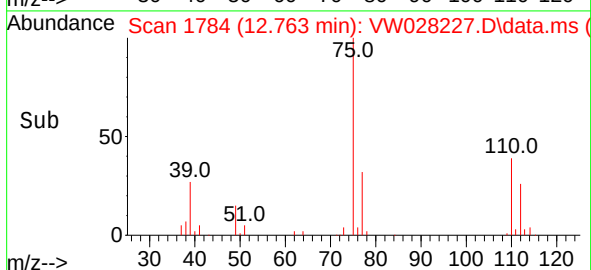
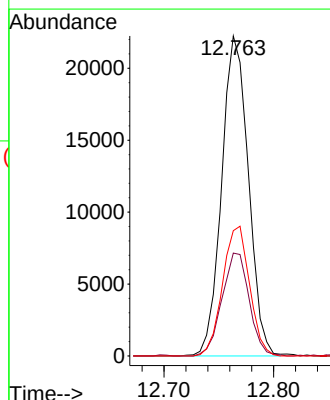
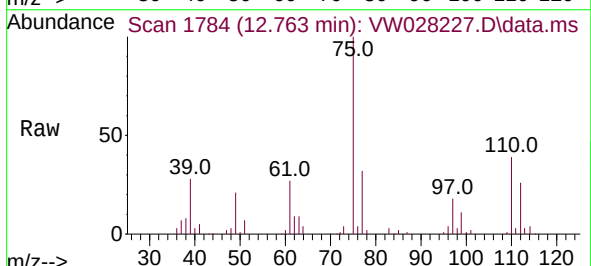
Tgt Ion: 75 Resp: 37690

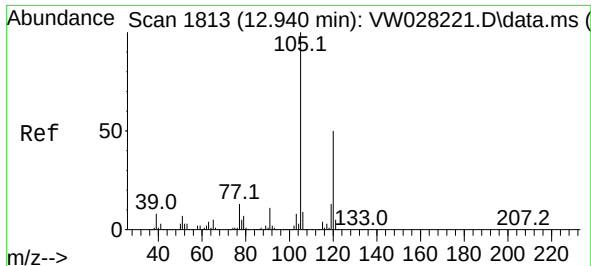
Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

110 40.7 32.2 48.2

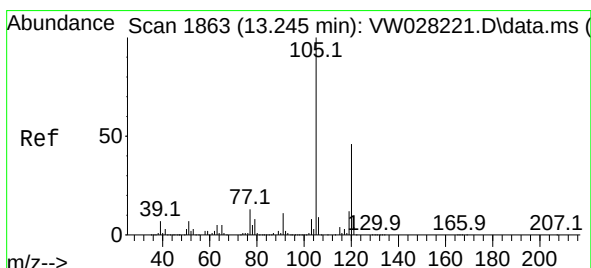
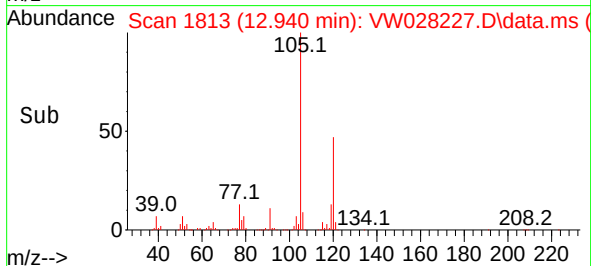
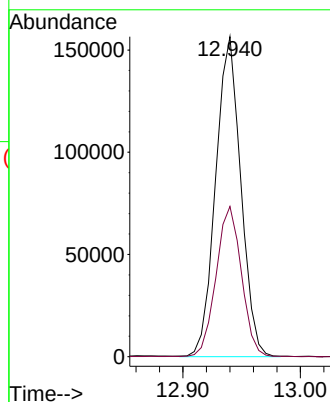
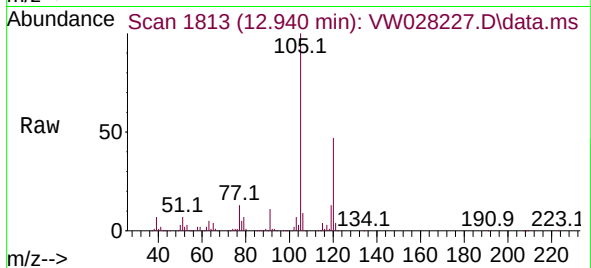




#62
1,3,5-Trimethylbenzene
Concen: 23.086 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

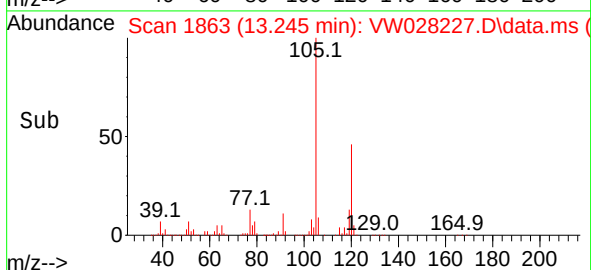
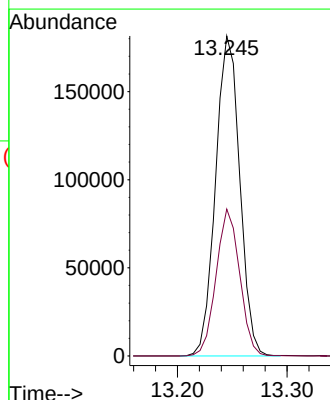
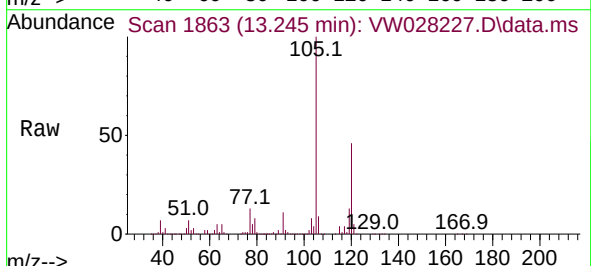
Instrument :
MSVOA_W
ClientSampleId :

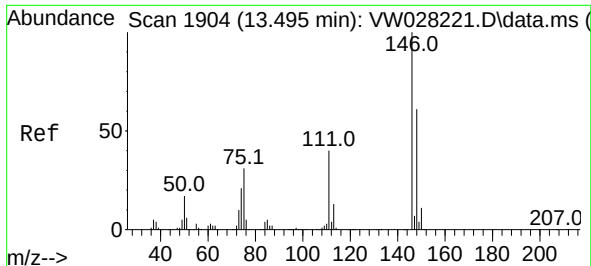
Tgt Ion:105 Resp: 232940
Ion Ratio Lower Upper
105 100
120 47.2 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 22.850 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion:105 Resp: 278388
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 22.295 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

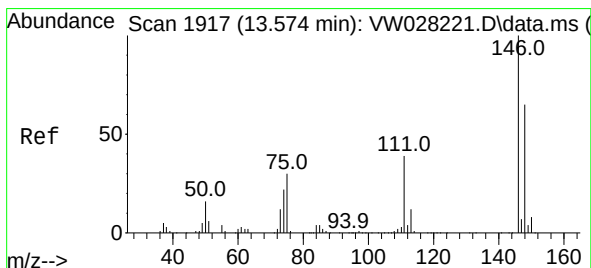
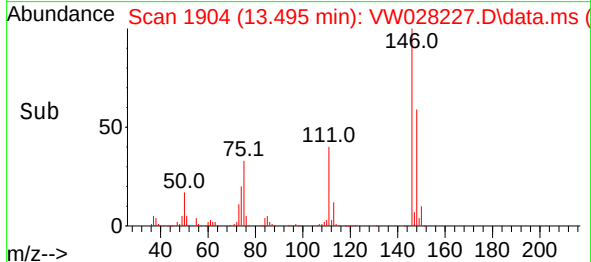
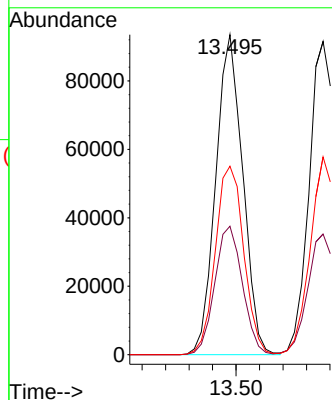
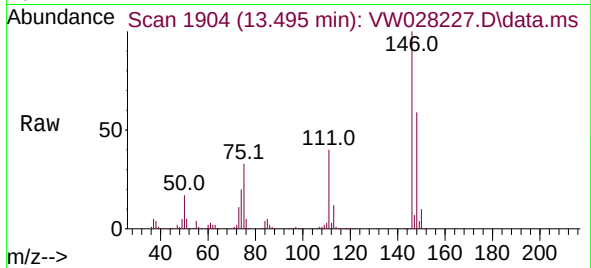
Tgt Ion:146 Resp: 149574

Ion Ratio Lower Upper

146 100

111 40.2 28.5 52.9

148 58.9 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 22.113 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

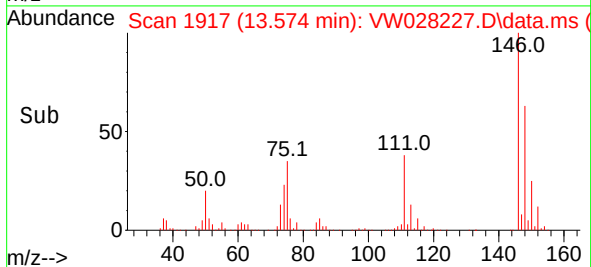
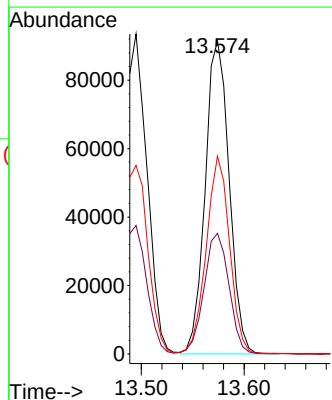
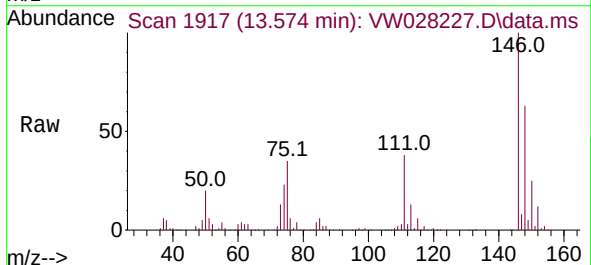
Tgt Ion:146 Resp: 148347

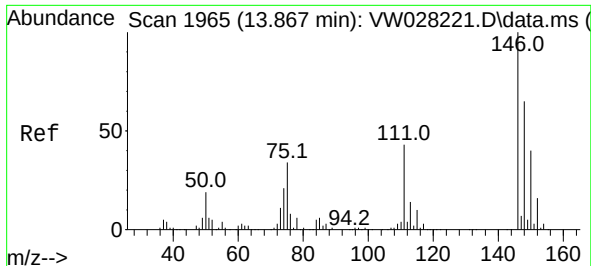
Ion Ratio Lower Upper

146 100

111 38.5 28.8 53.6

148 63.1 45.3 84.1

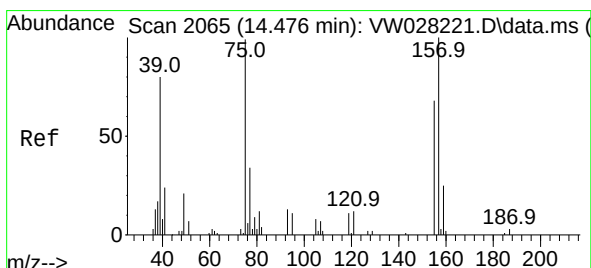
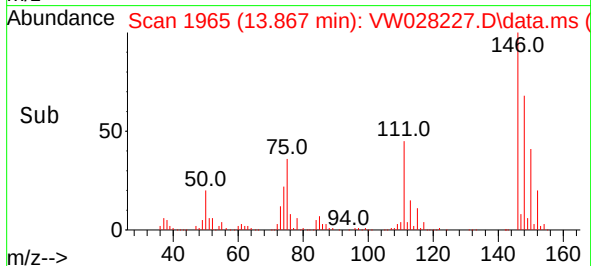
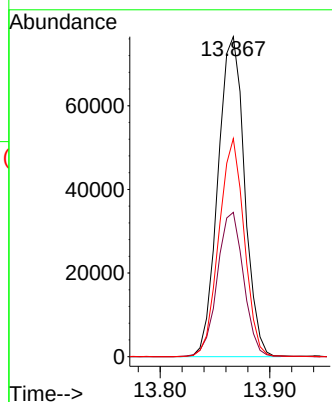
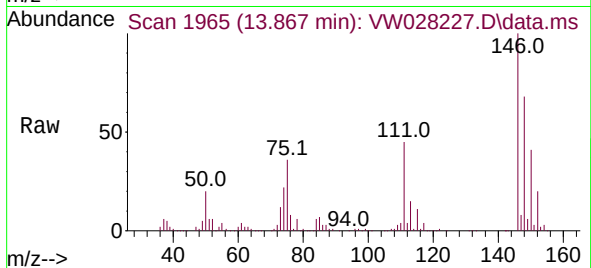




#67
1,2-Dichlorobenzene
Concen: 22.350 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

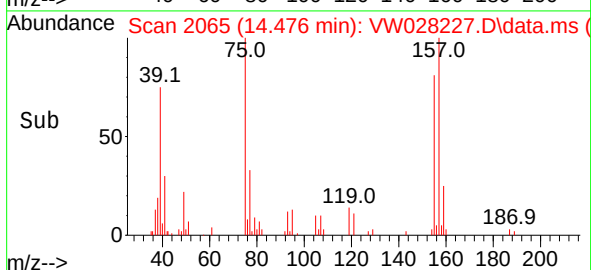
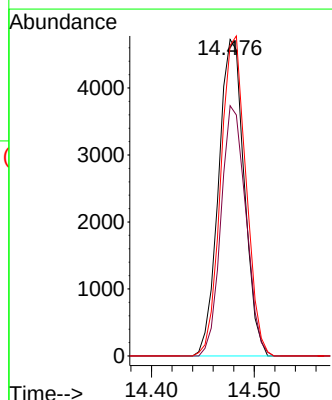
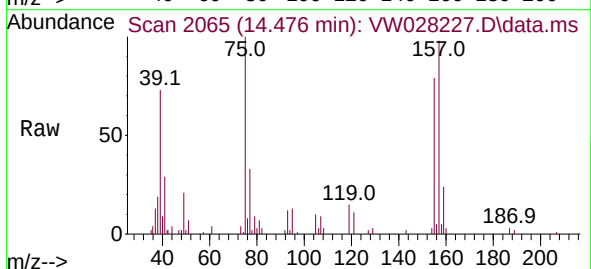
Instrument :
MSVOA_W
ClientSampleId :

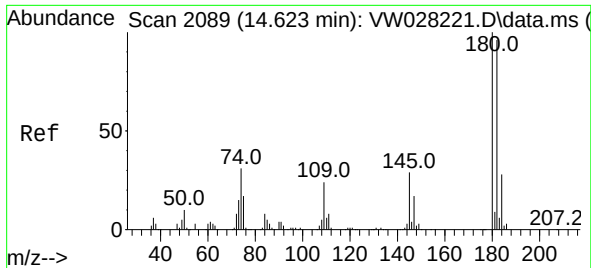
Tgt Ion:146 Resp: 129121
Ion Ratio Lower Upper
146 100
111 45.1 34.2 51.2
148 68.1 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 18.036 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion: 75 Resp: 8184
Ion Ratio Lower Upper
75 100
155 79.1 61.1 91.7
157 98.1 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 22.282 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 104127

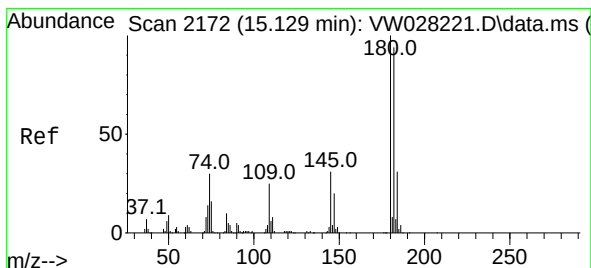
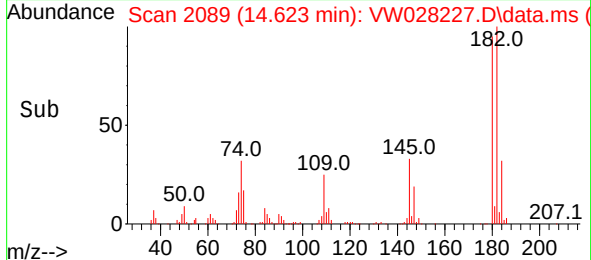
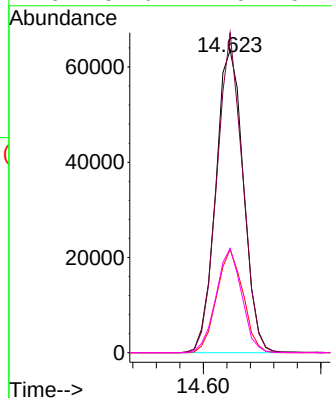
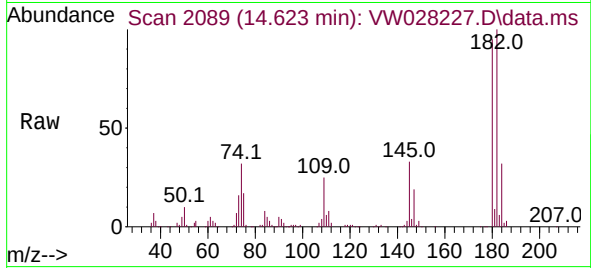
Ion Ratio Lower Upper

180 100

182 98.4 76.6 114.8

184 32.3 23.5 35.3

145 32.0 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 22.475 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028227.D

Acq: 22 Mar 2024 14:24

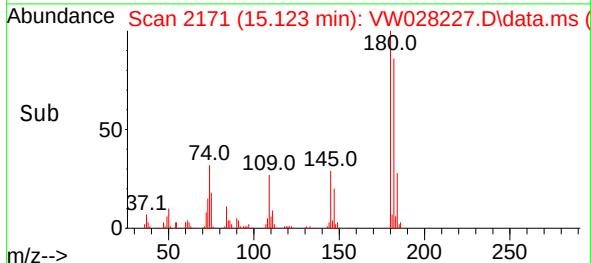
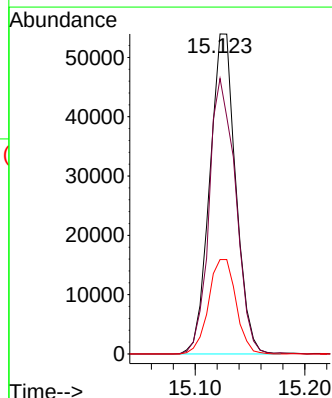
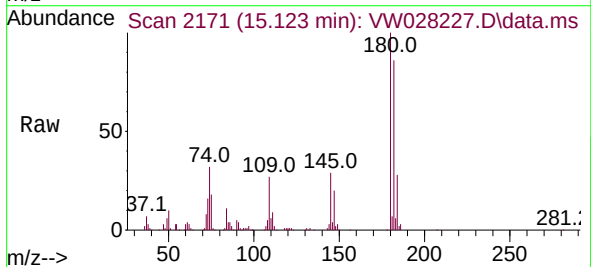
Tgt Ion:180 Resp: 89223

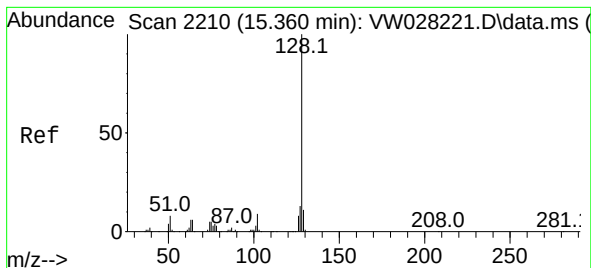
Ion Ratio Lower Upper

180 100

182 87.5 73.8 110.8

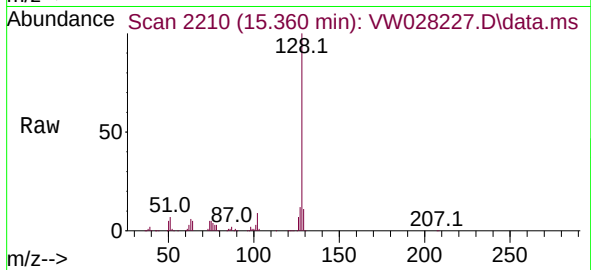
145 31.0 25.0 37.6



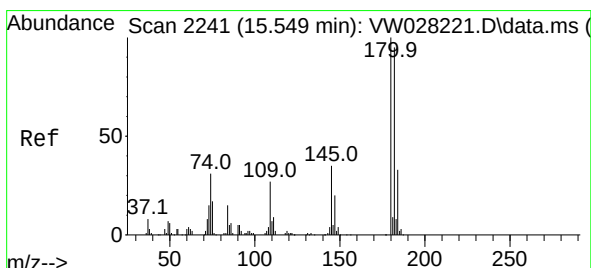
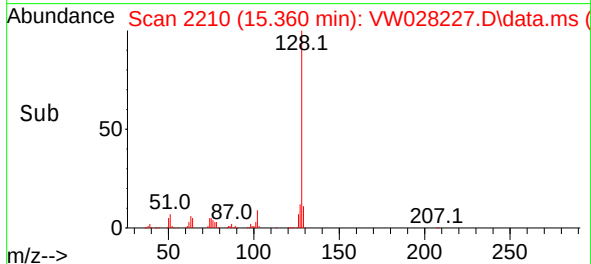
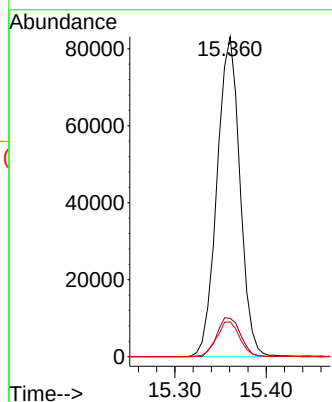


#71
Naphthalene
Concen: 21.249 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 144787
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.803 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028227.D
Acq: 22 Mar 2024 14:24

Tgt Ion:180 Resp: 74627
Ion Ratio Lower Upper
180 100
182 91.3 76.0 114.0
145 33.2 27.1 40.7

