

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040124\
 Data File : VW028282.D
 Acq On : 01 Apr 2024 14:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 02 01:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 30 00:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	215751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	196549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	46753	18.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.905	69	39695	22.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.021	65	31709	19.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.240%
21) 2-Butanone-d5	7.075	46	46386	62.301	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.600%
24) Chloroform-d	7.648	84	173546	27.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.120%
26) 1,2-Dichloroethane-d4	8.301	65	91333	26.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	8.270	84	319328	26.610	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.440%
36) 1,2-Dichloropropane-d6	9.270	67	99242	28.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.960%
41) Toluene-d8	10.319	98	283806	25.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.560%
43) trans-1,3-Dichloroprop...	10.575	79	40687	25.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.760%
47) 2-Hexanone-d5	10.922	63	36926	64.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81058	31.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.120%#
66) 1,2-Dichlorobenzene-d4	13.849	152	105218	27.181	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51139	16.339	ug/L #	88
3) Chloromethane	2.223	50	46874	21.116	ug/L	100
5) Vinyl chloride	2.375	62	57181	22.788	ug/L	100
6) Bromomethane	2.796	94	36085	24.147	ug/L	94
8) Chloroethane	2.936	64	33517	24.851	ug/L	99
9) Trichlorofluoromethane	3.265	101	61447	20.254	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	67150	22.281	ug/L	94
12) 1,1-Dichloroethene	4.052	96	66297	23.796	ug/L	84
13) Acetone	4.125	43	27885	33.731	ug/L	96
14) Carbon disulfide	4.393	76	187036	21.524	ug/L	99
15) Methyl Acetate	4.673	43	30259	23.763	ug/L	97
16) Methylene chloride	4.911	84	73621	22.420	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	71378	24.108	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	112717	25.233	ug/L	99
19) 1,1-Dichloroethane	6.216	63	147506	25.734	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	81767	25.571	ug/L	96
22) 2-Butanone	7.173	43	40232	42.864	ug/L	98
23) Bromochloromethane	7.514	128	35867	25.371	ug/L	86
25) Chloroform	7.673	83	151965	25.752	ug/L	96

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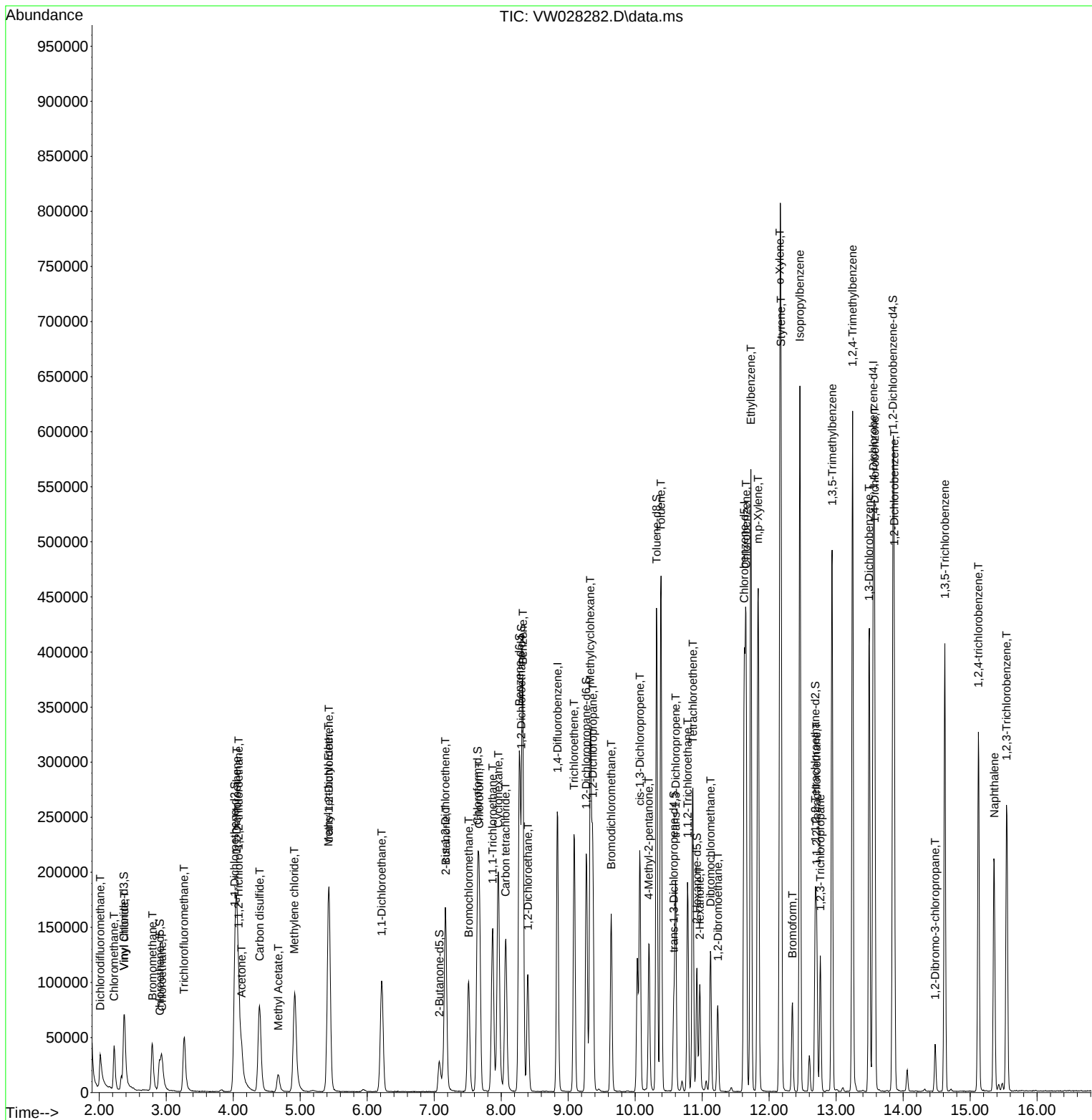
Instrument :
 MSVOA_W
 ClientSampleId :

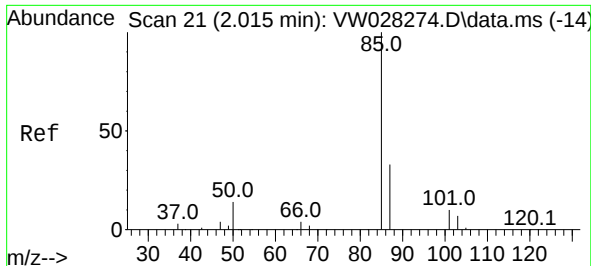
Quant Time: Apr 02 01:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 30 00:57:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	98518	23.641	ug/L	97
29) Cyclohexane	7.959	56	116877	22.798	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	121267	23.537	ug/L	98
31) Carbon tetrachloride	8.063	117	111235	23.017	ug/L	98
33) Benzene	8.325	78	314955	26.041	ug/L	100
34) Trichloroethene	9.087	95	82752	24.524	ug/L	98
35) Methylcyclohexane	9.331	83	131130	22.990	ug/L	99
37) 1,2-Dichloropropane	9.368	63	84084	27.180	ug/L	100
38) Bromodichloromethane	9.642	83	104898	25.150	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	127637	25.763	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	89445	52.380	ug/L	98
42) Toluene	10.386	91	340281	25.779	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	105692	25.268	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	58230	26.052	ug/L	98
46) Tetrachloroethene	10.861	164	63588	23.378	ug/L	96
48) 2-Hexanone	10.965	43	60630	45.326	ug/L	98
49) Dibromochloromethane	11.123	129	67770	25.601	ug/L	100
50) 1,2-Dibromoethane	11.233	107	53372	24.973	ug/L	94
51) Chlorobenzene	11.654	112	214938	25.654	ug/L	97
52) Ethylbenzene	11.727	91	388598	25.219	ug/L	99
53) m,p-Xylene	11.837	106	147158	25.378	ug/L	93
54) o-Xylene	12.160	106	140442	26.118	ug/L	97
55) Styrene	12.178	104	245155	26.542	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	67285	26.318	ug/L	98
59) Bromoform	12.349	173	37350	23.457	ug/L	99
60) Isopropylbenzene	12.459	105	399668	25.315	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	49356	24.337	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	266682	25.174	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	322679	25.226	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	174096	24.717	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	174849	24.825	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	154865	25.532	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10826	22.725	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	120016	24.462	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	101874	24.442	ug/L	99
71) Naphthalene	15.360	128	182790	25.551	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	89936	26.175	ug/L	99

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

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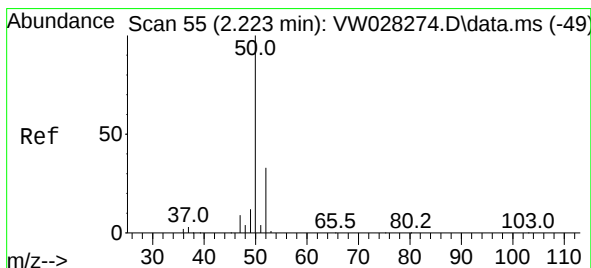
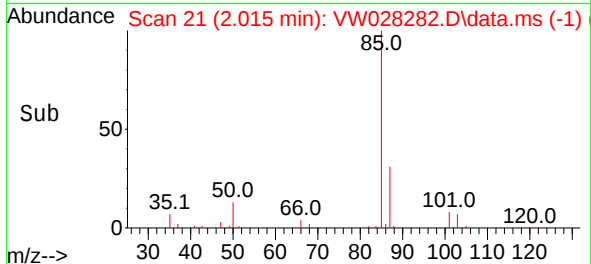
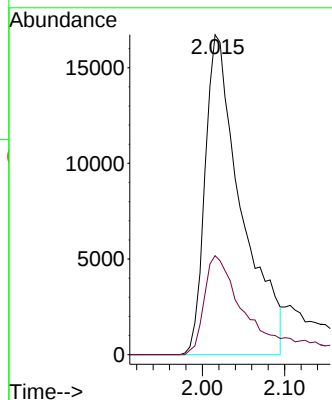
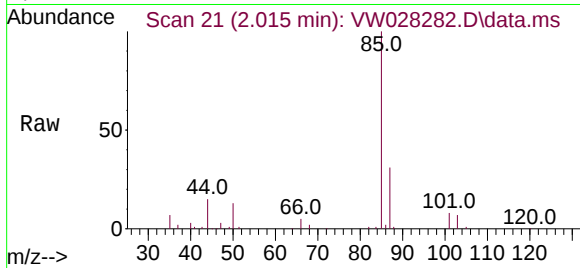




#2
 Dichlorodifluoromethane
 Concen: 16.339 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028282.D
 Acq: 01 Apr 2024 14:29

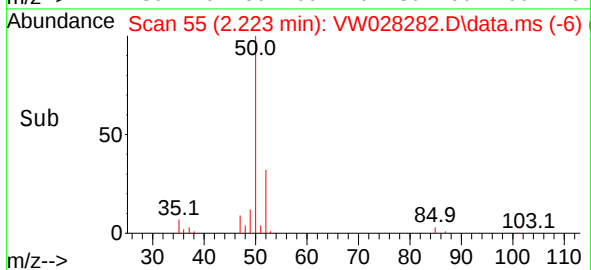
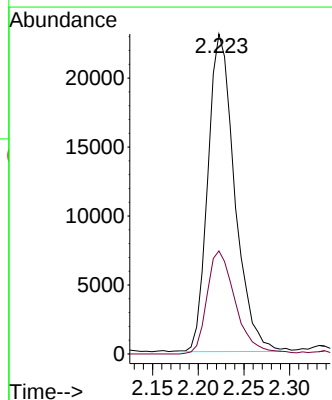
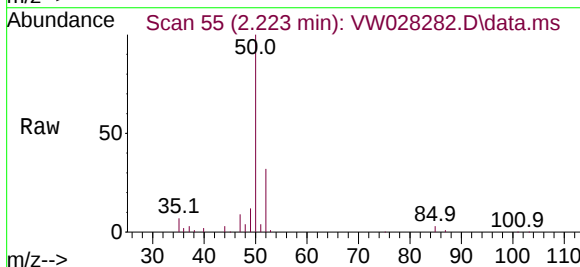
Instrument :
 MSVOA_W
 ClientSampleId :

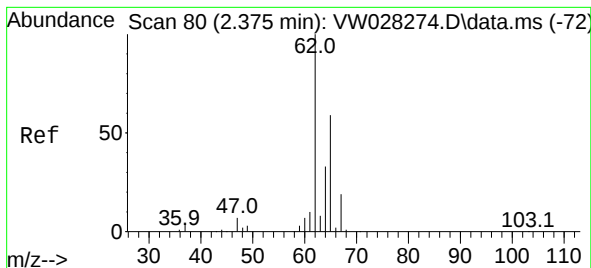
Tgt Ion: 85 Resp: 51139
 Ion Ratio Lower Upper
 85 100
 87 32.2 20.9 31.3#



#3
 Chloromethane
 Concen: 21.116 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028282.D
 Acq: 01 Apr 2024 14:29

Tgt Ion: 50 Resp: 46874
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1





#5

Vinyl chloride

Concen: 22.788 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

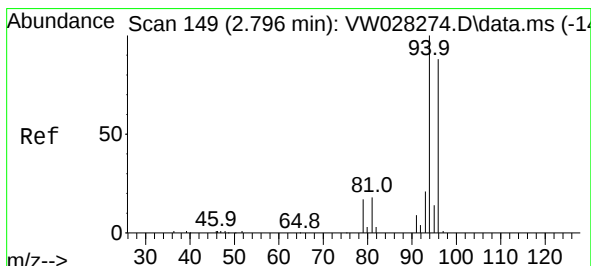
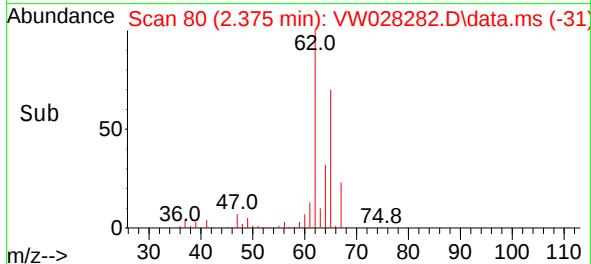
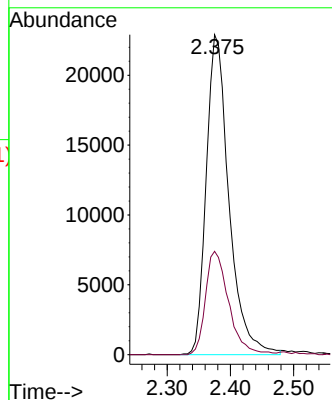
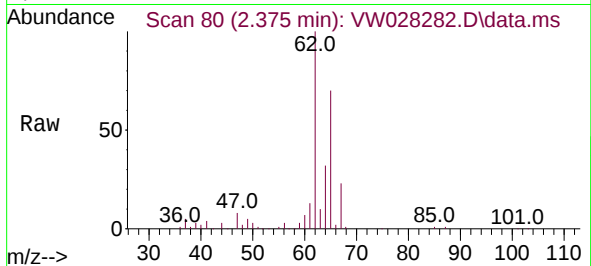
ClientSampleId :

Tgt Ion: 62 Resp: 57181

Ion Ratio Lower Upper

62 100

64 32.3 22.5 41.7



#6

Bromomethane

Concen: 24.147 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW028282.D

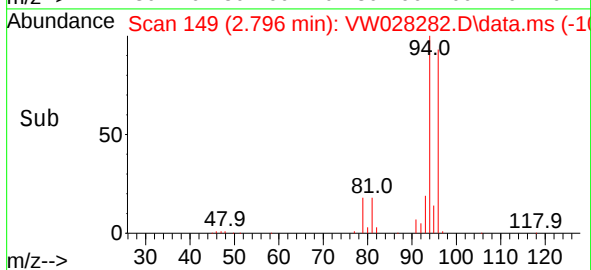
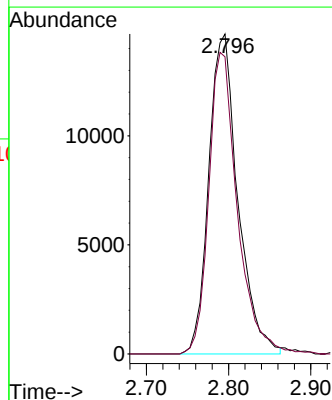
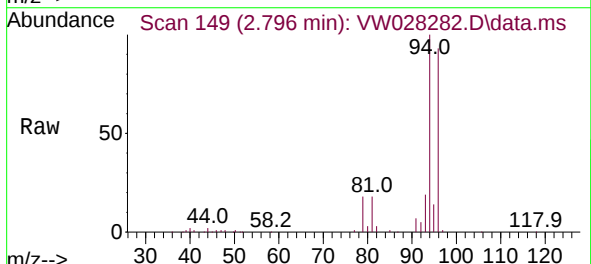
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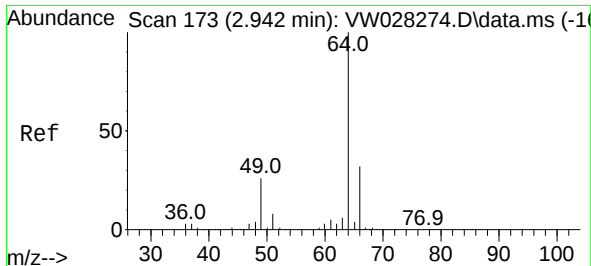
Tgt Ion: 94 Resp: 36085

Ion Ratio Lower Upper

94 100

96 92.9 60.8 113.0

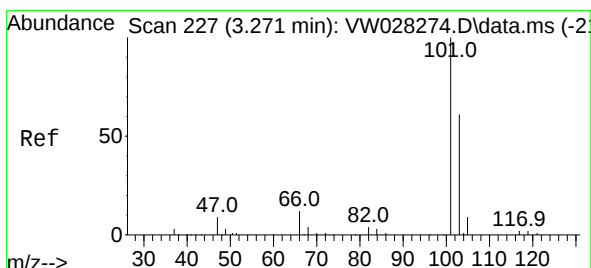
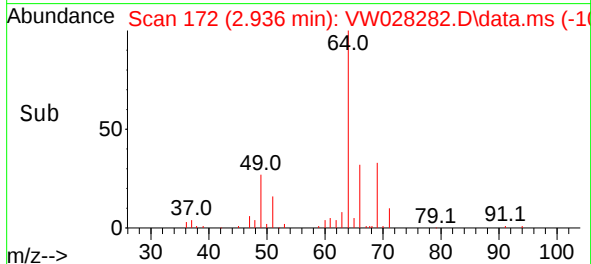
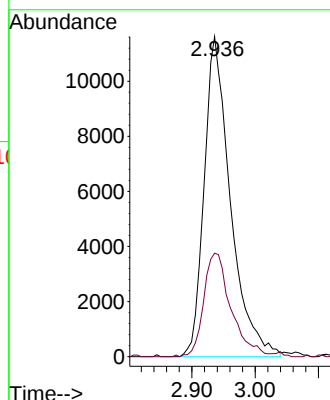
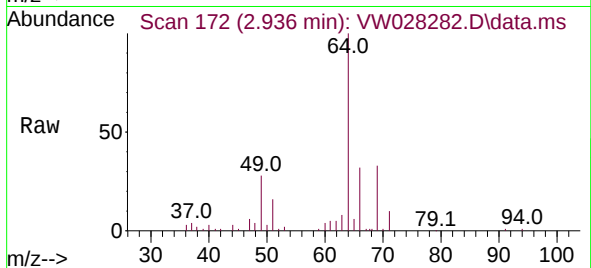




#8
Chloroethane
Concen: 24.851 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

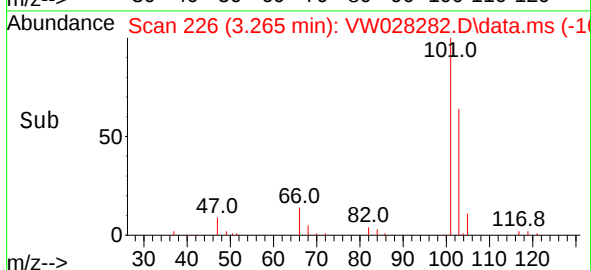
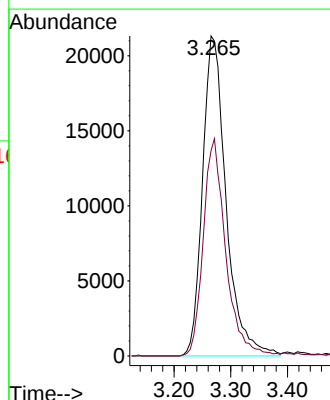
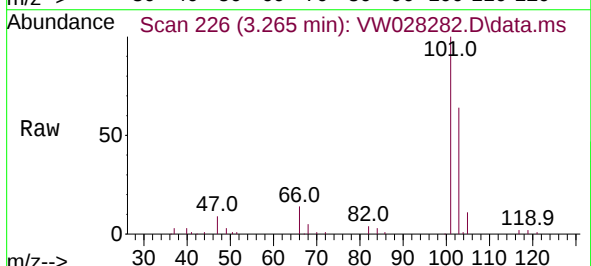
Instrument :
MSVOA_W
ClientSampleId :

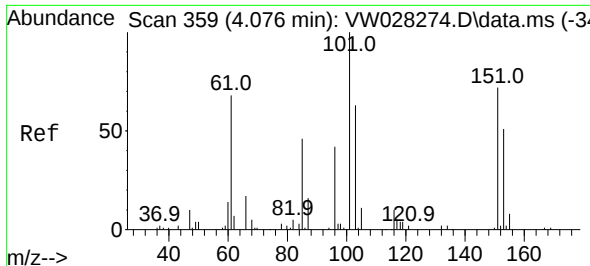
Tgt Ion: 64 Resp: 33517
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.254 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion:101 Resp: 61447
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3





#10

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

Concen: 22.281 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

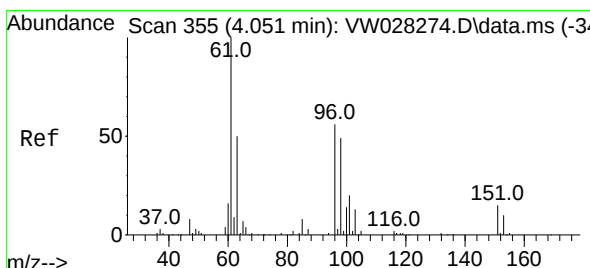
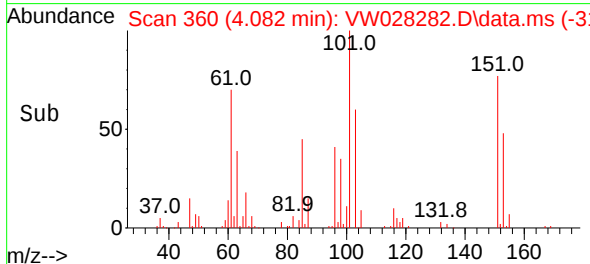
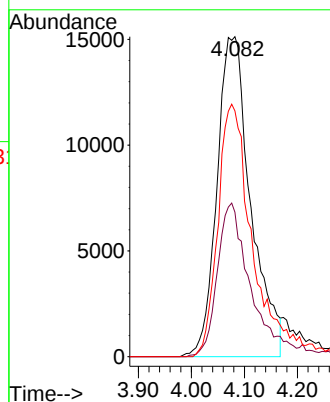
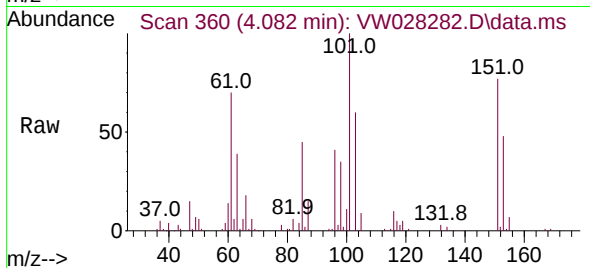
Tgt Ion:101 Resp: 67150

Ion Ratio Lower Upper

101 100

85 44.1 36.4 54.6

151 79.4 58.4 87.6



#12

1,1-Dichloroethene

Concen: 23.796 ug/L

RT: 4.052 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

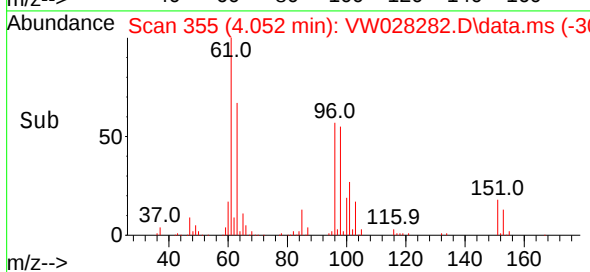
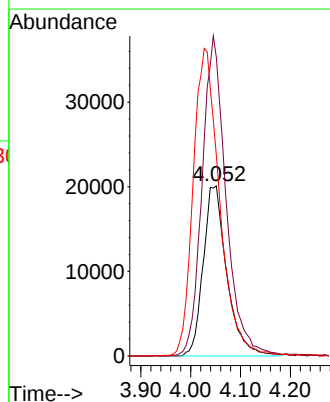
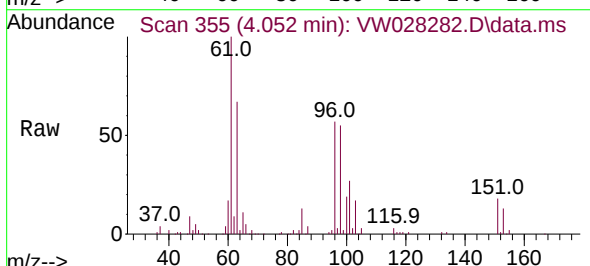
Tgt Ion: 96 Resp: 66297

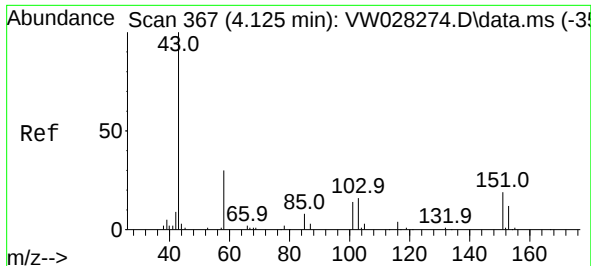
Ion Ratio Lower Upper

96 100

61 175.6 132.2 245.4

63 117.8 104.6 194.2

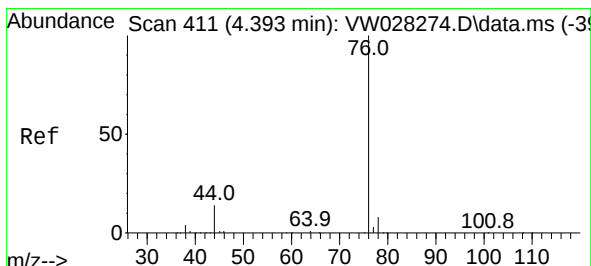
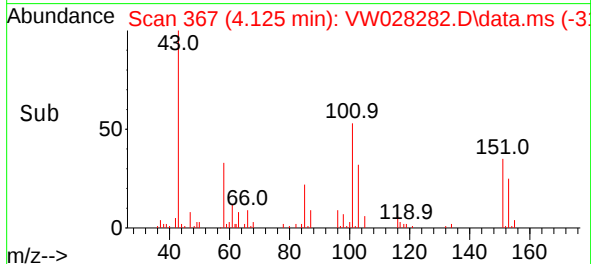
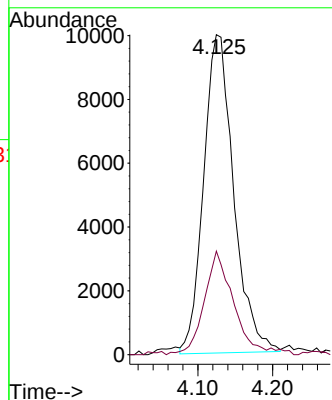
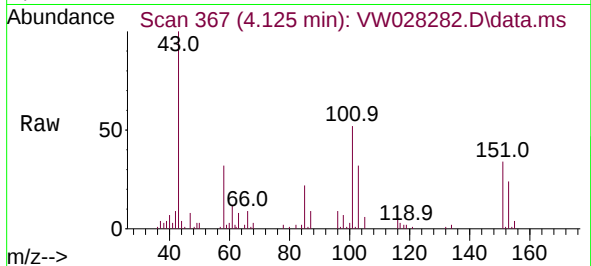




#13
Acetone
Concen: 33.731 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

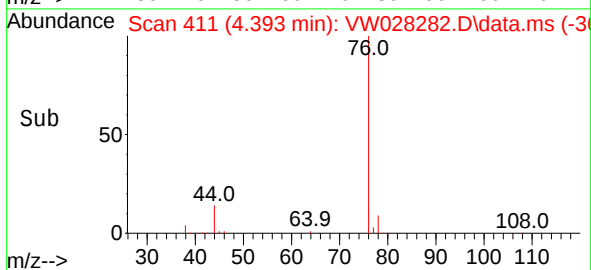
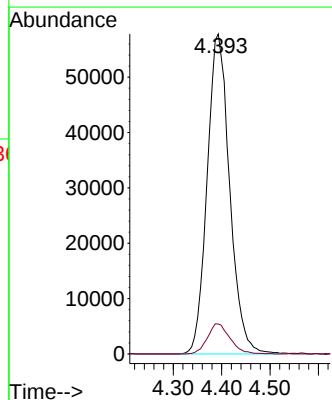
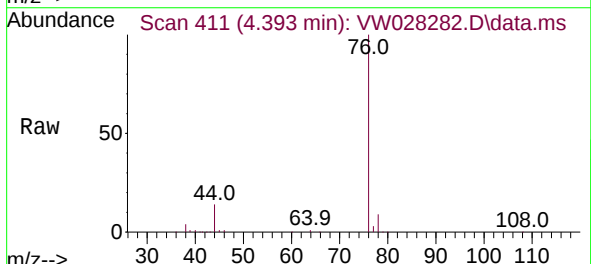
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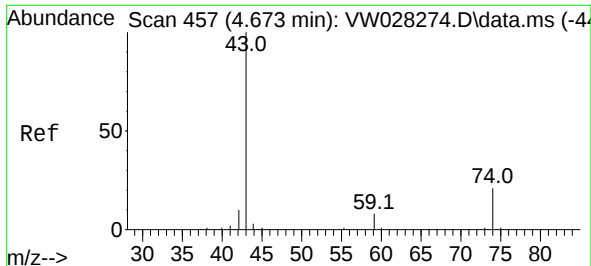
Tgt Ion: 43 Resp: 27885
Ion Ratio Lower Upper
43 100
58 31.0 0.0 57.8



#14
Carbon disulfide
Concen: 21.524 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion: 76 Resp: 187036
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 23.763 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

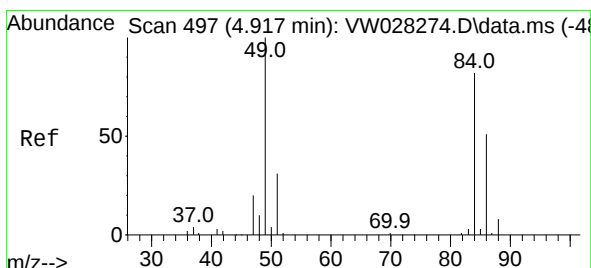
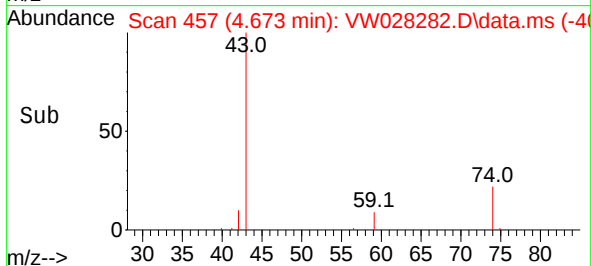
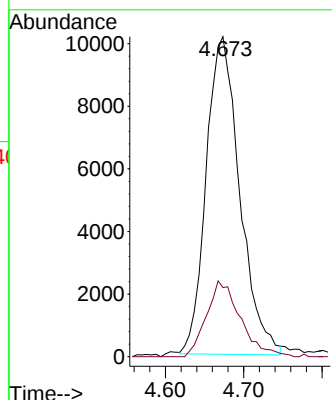
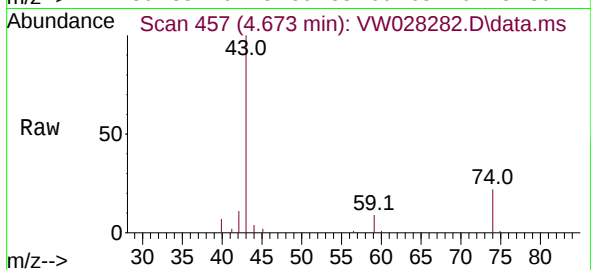
ClientSampleId :

Tgt Ion: 43 Resp: 30259

Ion Ratio Lower Upper

43 100

74 24.0 18.2 27.2



#16

Methylene chloride

Concen: 22.420 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

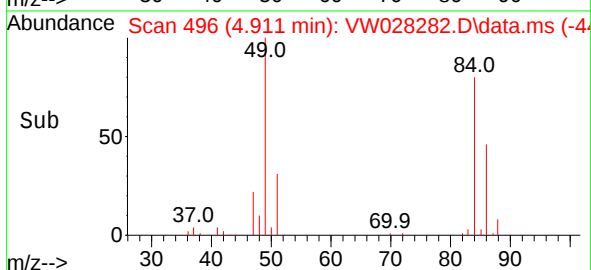
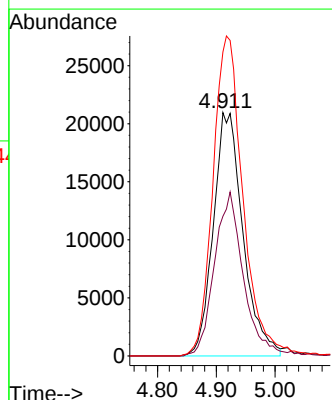
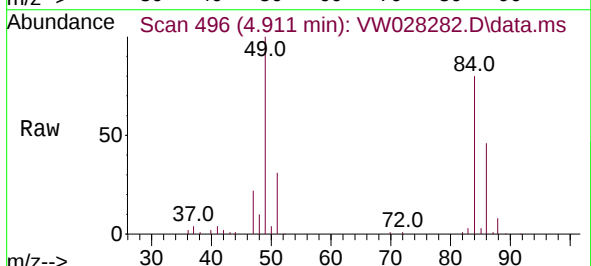
Tgt Ion: 84 Resp: 73621

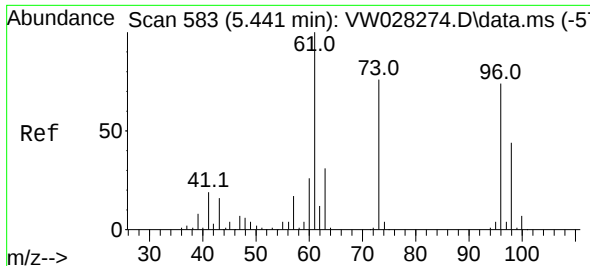
Ion Ratio Lower Upper

84 100

86 57.4 43.1 80.1

49 124.9 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 24.108 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.012 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

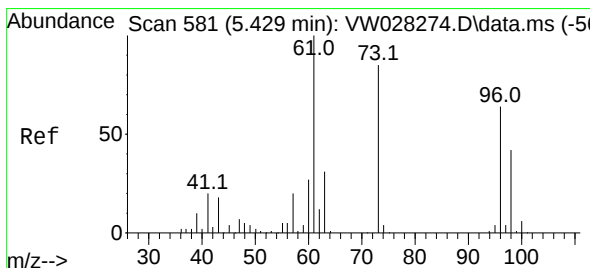
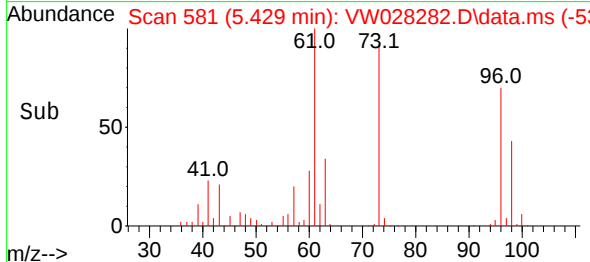
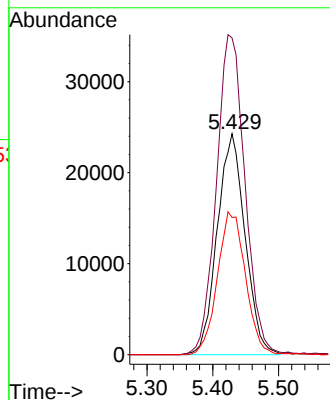
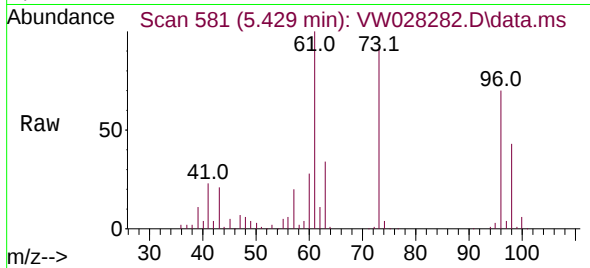
Tgt Ion: 96 Resp: 71378

Ion Ratio Lower Upper

96 100

61 143.4 98.4 182.8

98 62.1 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 25.233 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

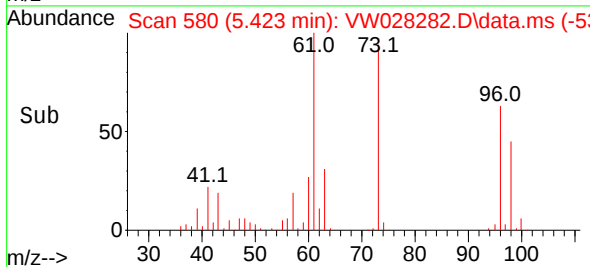
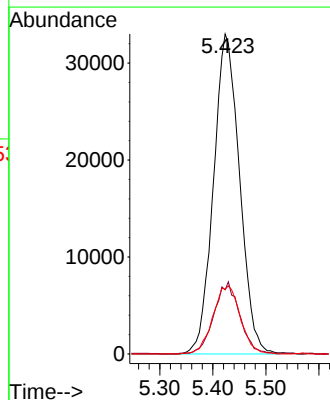
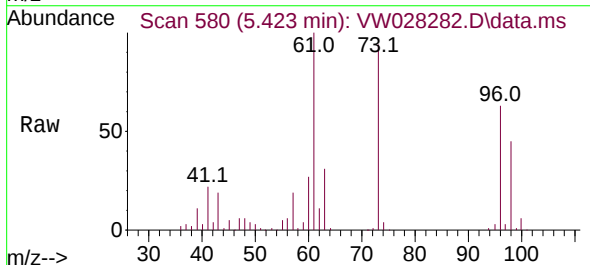
Tgt Ion: 73 Resp: 112717

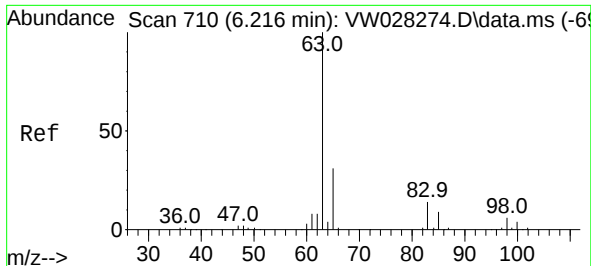
Ion Ratio Lower Upper

73 100

43 22.2 18.2 27.4

57 22.4 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.734 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

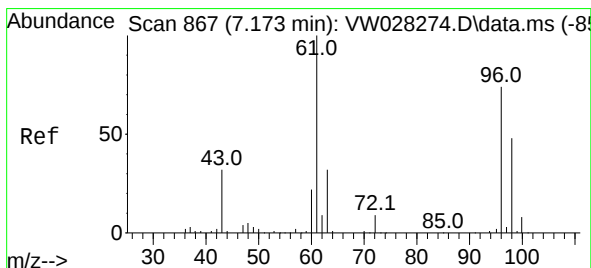
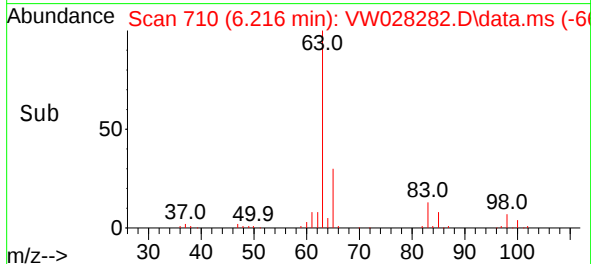
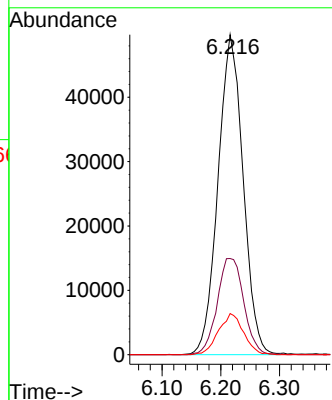
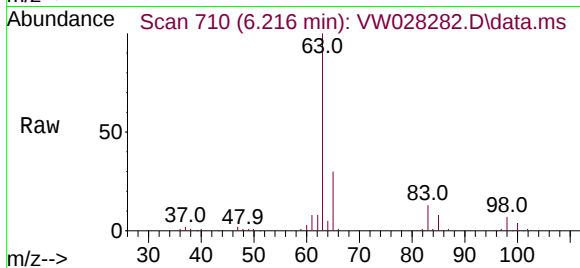
Tgt Ion: 63 Resp: 147506

Ion Ratio Lower Upper

63 100

65 30.1 22.1 41.1

83 12.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.571 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

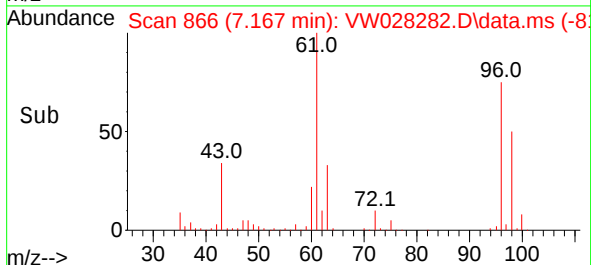
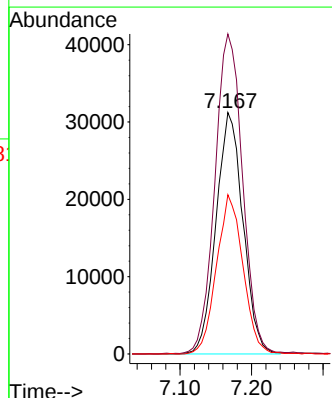
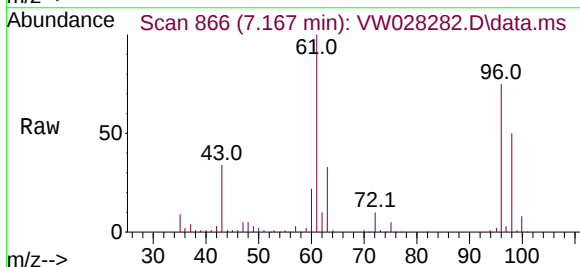
Tgt Ion: 96 Resp: 81767

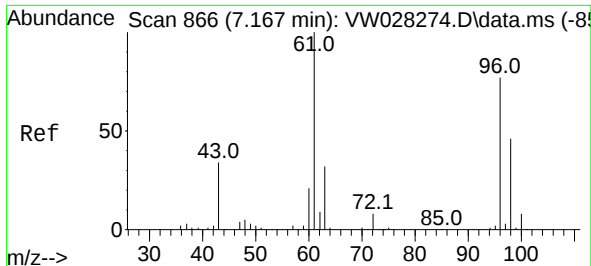
Ion Ratio Lower Upper

96 100

61 132.6 95.7 177.7

98 66.0 43.9 81.5

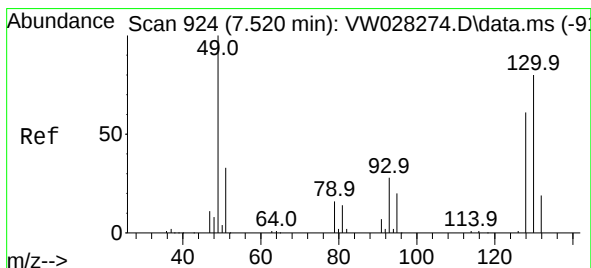
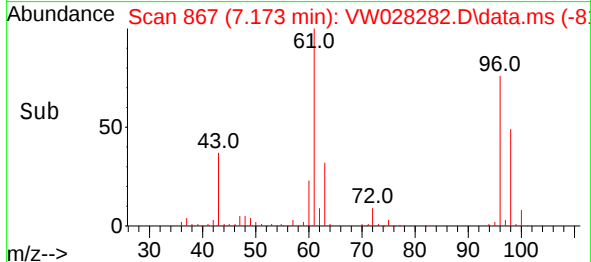
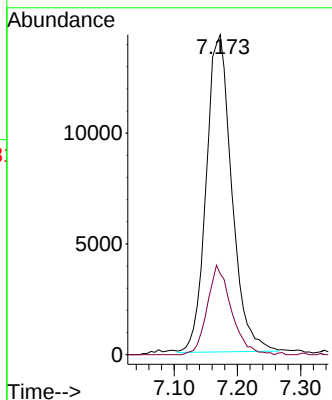
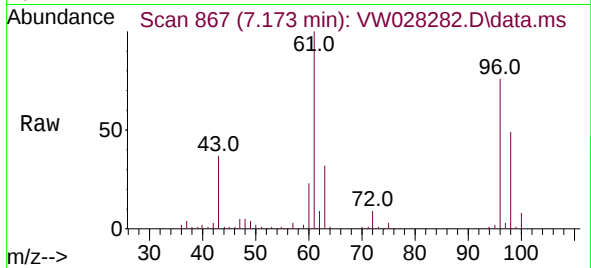




#22
2-Butanone
Concen: 42.864 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

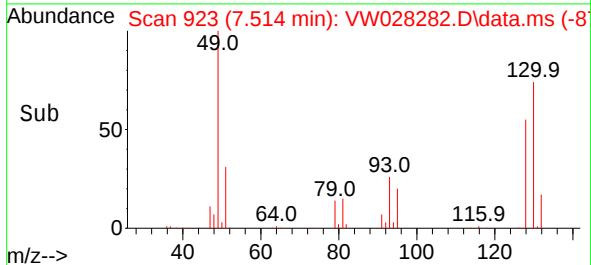
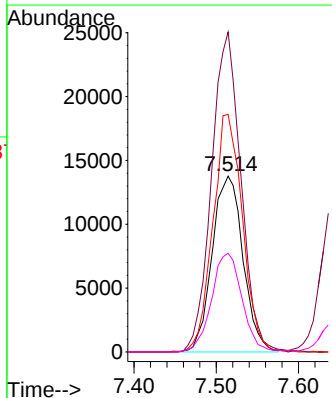
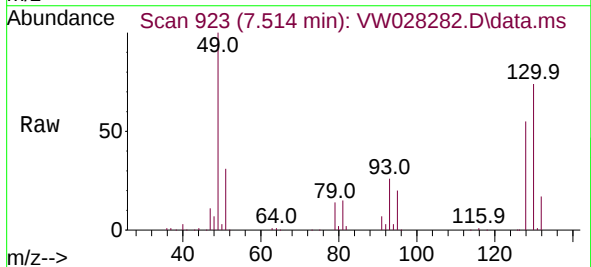
Instrument :
MSVOA_W
ClientSampleId :

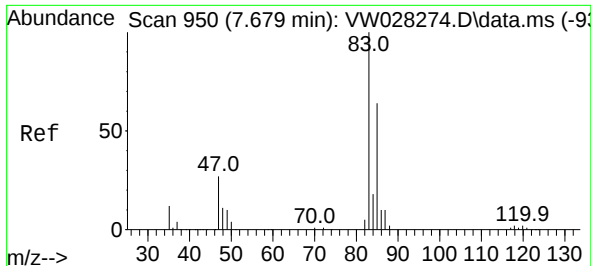
Tgt Ion: 43 Resp: 40232
Ion Ratio Lower Upper
43 100
72 26.5 12.8 38.4



#23
Bromochloromethane
Concen: 25.371 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion:128 Resp: 35867
Ion Ratio Lower Upper
128 100
49 181.9 116.6 216.6
130 135.1 80.1 148.7
51 56.1 40.1 60.1





#25

Chloroform

Concen: 25.752 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

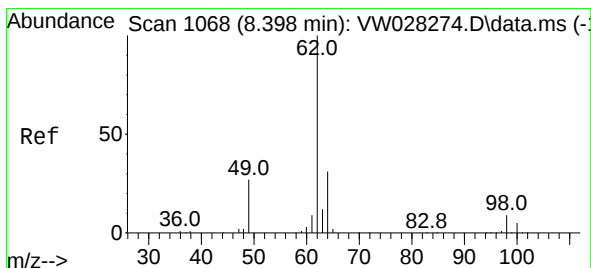
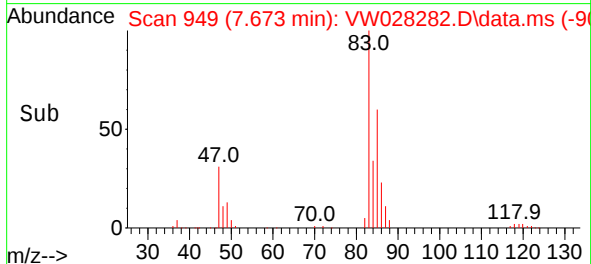
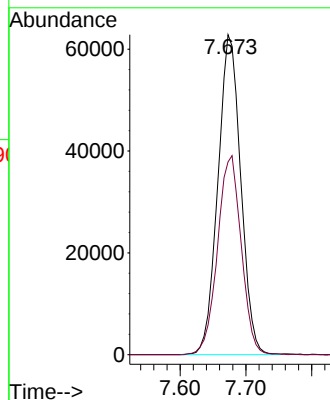
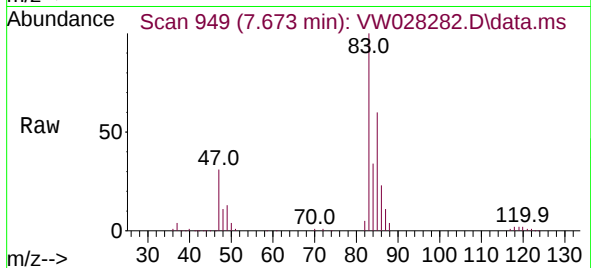
ClientSampleId :

Tgt Ion: 83 Resp: 151965

Ion Ratio Lower Upper

83 100

85 60.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 23.641 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028282.D

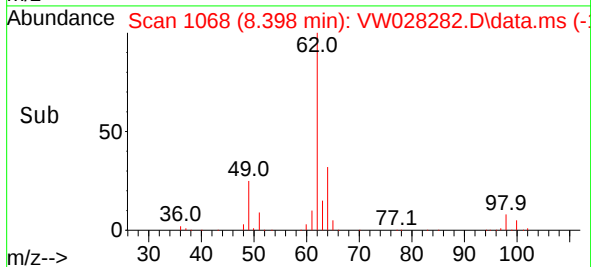
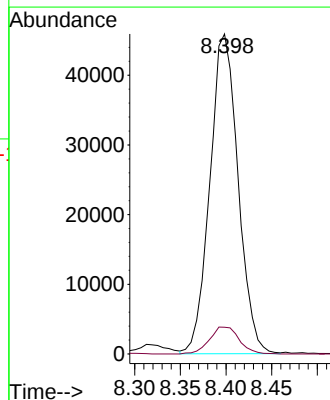
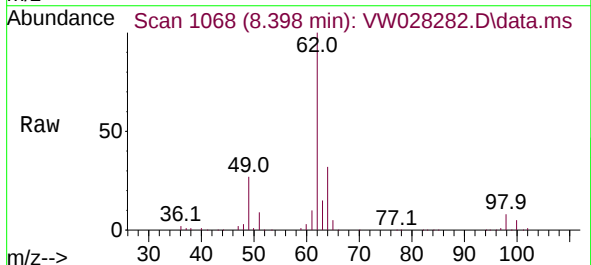
Acq: 01 Apr 2024 14:29

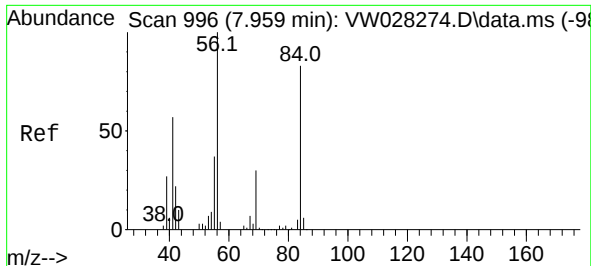
Tgt Ion: 62 Resp: 98518

Ion Ratio Lower Upper

62 100

98 8.4 5.9 8.9





#29

Cyclohexane

Concen: 22.798 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

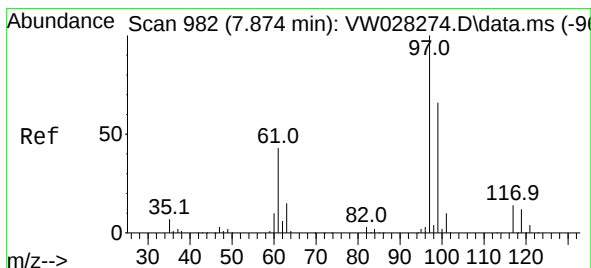
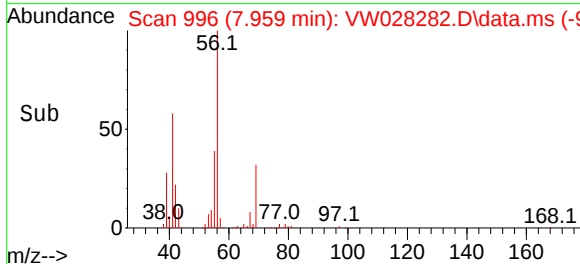
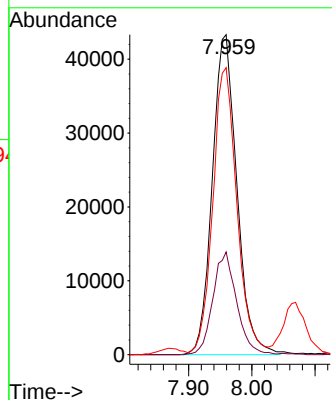
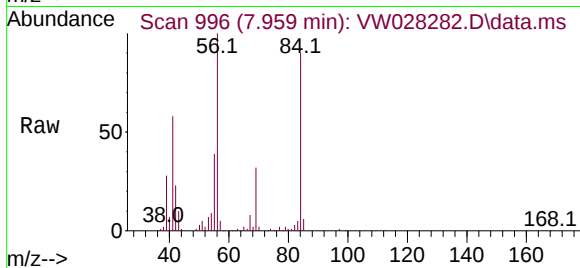
Tgt Ion: 56 Resp: 116877

Ion Ratio Lower Upper

56 100

69 30.9 24.0 36.0

84 87.7 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.537 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

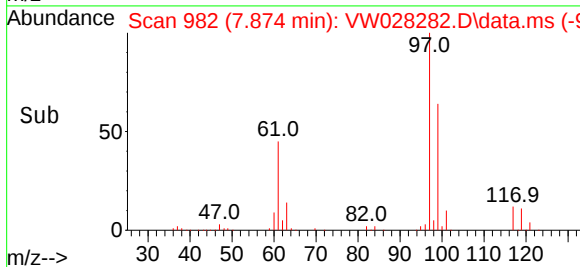
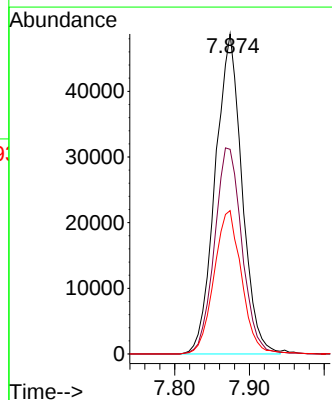
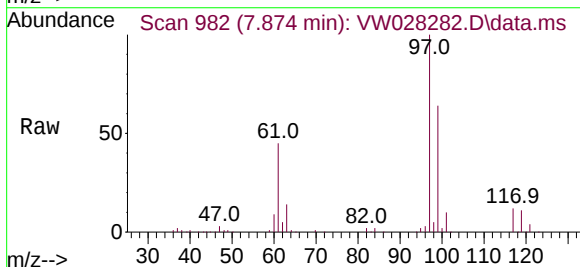
Tgt Ion: 97 Resp: 121267

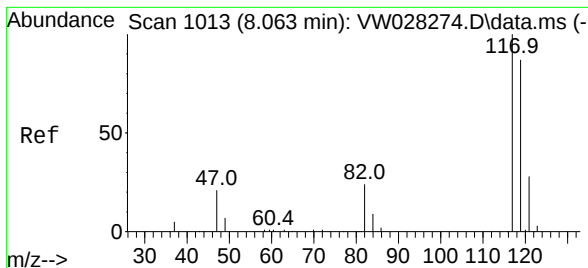
Ion Ratio Lower Upper

97 100

99 66.1 51.3 76.9

61 46.2 37.0 55.6





#31

Carbon tetrachloride

Concen: 23.017 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

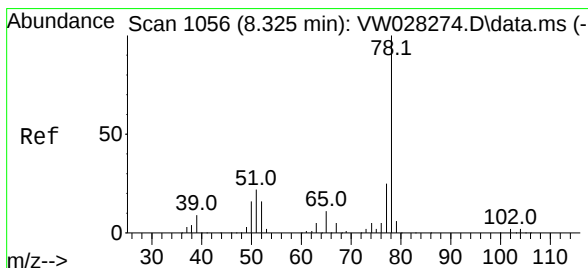
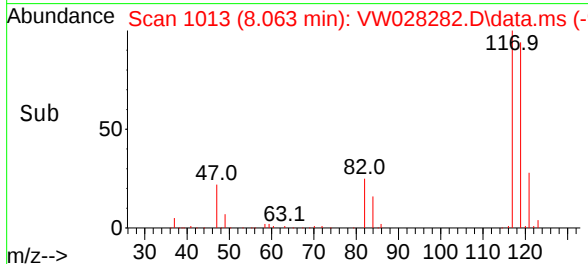
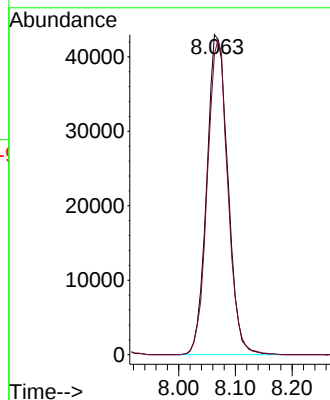
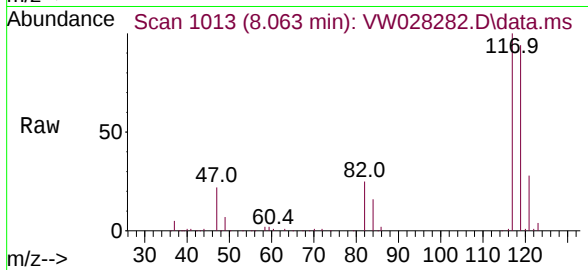
ClientSampleId :

Tgt Ion:117 Resp: 111235

Ion Ratio Lower Upper

117 100

119 95.8 78.2 117.4



#33

Benzene

Concen: 26.041 ug/L

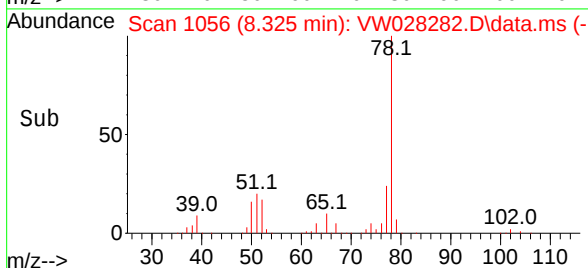
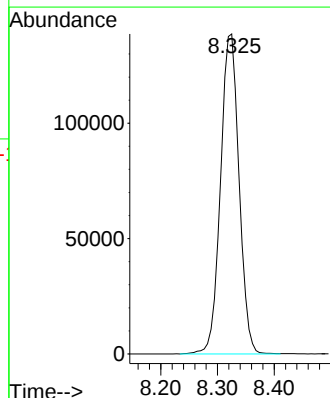
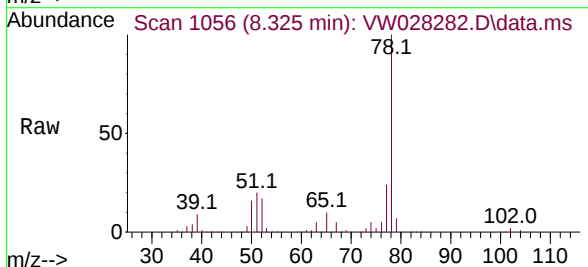
RT: 8.325 min Scan# 1056

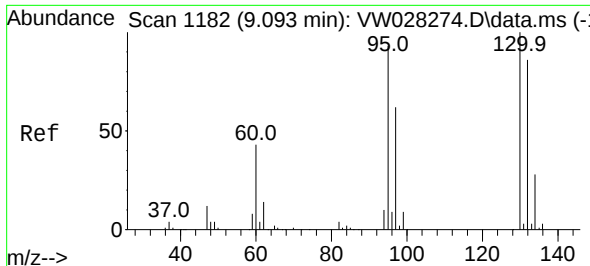
Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Tgt Ion: 78 Resp: 314955

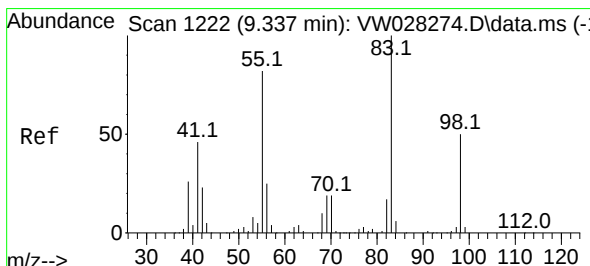
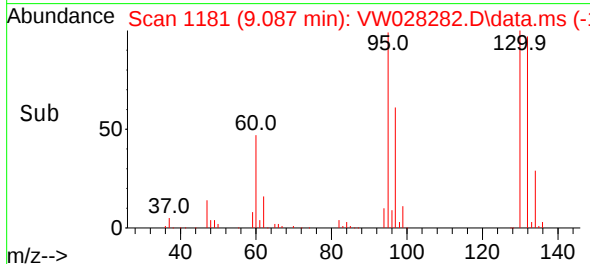
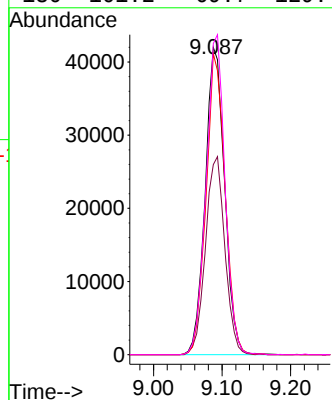
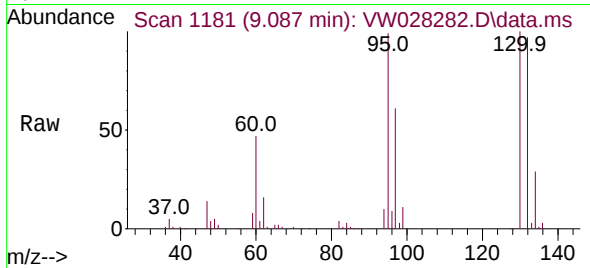




#34
Trichloroethene
Concen: 24.524 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

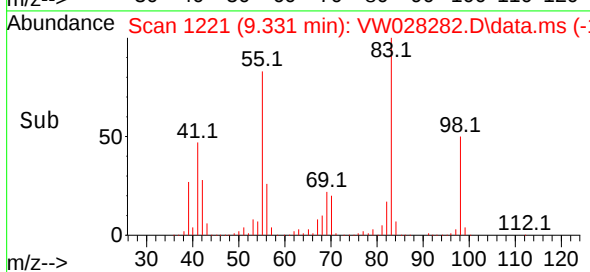
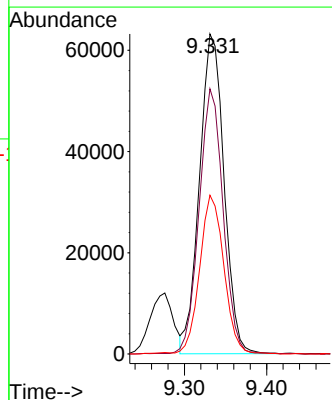
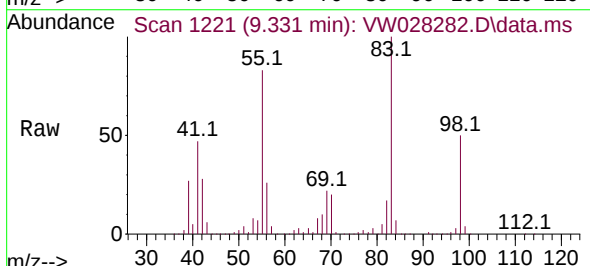
Instrument :
MSVOA_W
ClientSampleId :

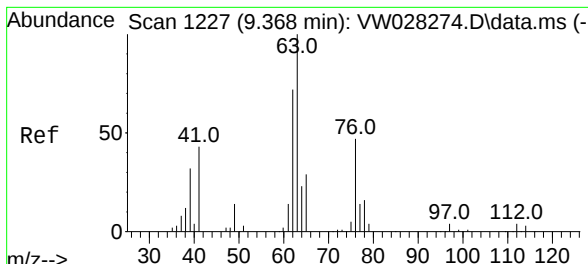
Tgt Ion: 95 Resp: 82752
Ion Ratio Lower Upper
95 100
97 61.9 42.4 78.6
132 97.9 69.4 128.8
130 101.2 69.7 129.4



#35
Methylcyclohexane
Concen: 22.990 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion: 83 Resp: 131130
Ion Ratio Lower Upper
83 100
55 81.3 64.2 96.4
98 48.9 38.3 57.5



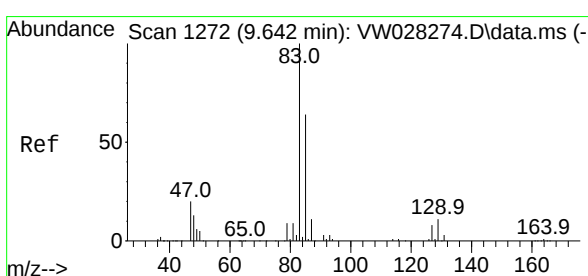
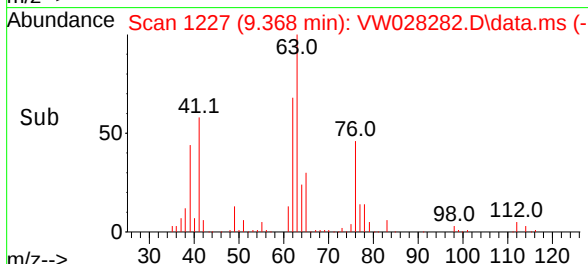
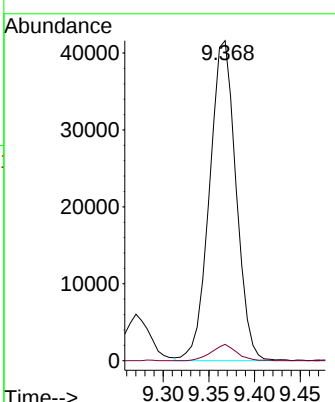
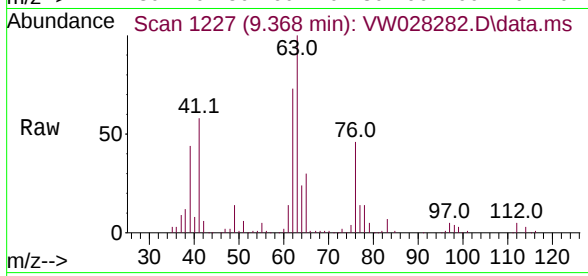


#37
 1,2-Dichloropropane
 Concen: 27.180 ug/L
 RT: 9.368 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: VW028282.D
 Acq: 01 Apr 2024 14:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 63 Resp: 84084

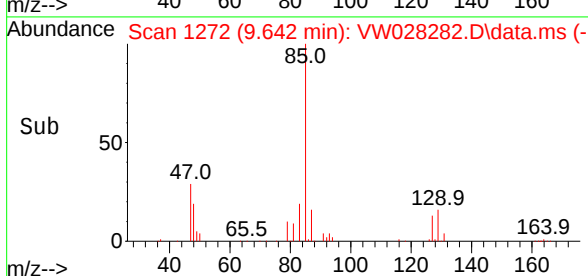
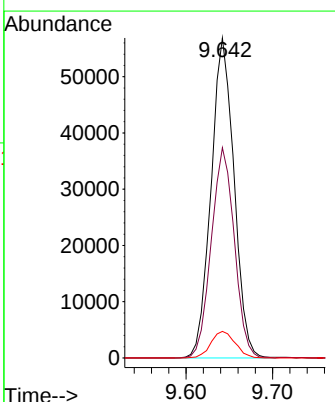
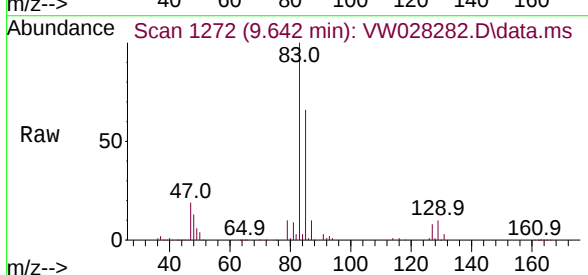
Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.8	5.8

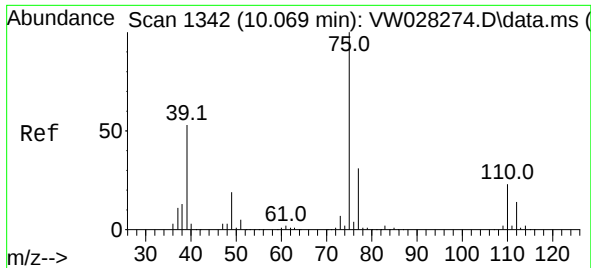


#38
 Bromodichloromethane
 Concen: 25.150 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW028282.D
 Acq: 01 Apr 2024 14:29

Tgt Ion: 83 Resp: 104898

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.8	85.2
127	8.3	6.5	9.7





#39

cis-1,3-Dichloropropene

Concen: 25.763 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

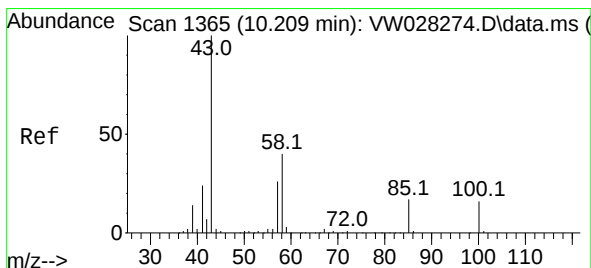
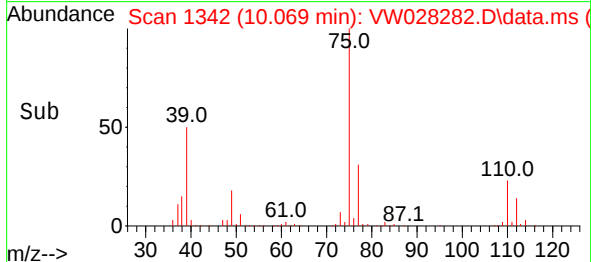
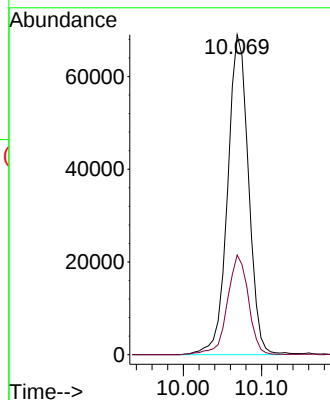
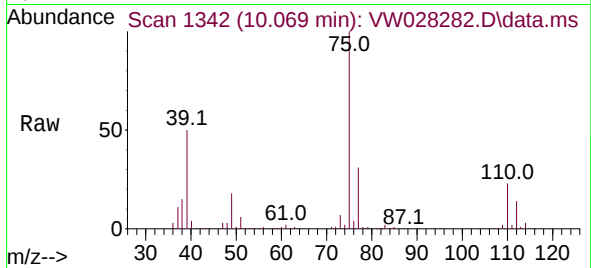
ClientSampleId :

Tgt Ion: 75 Resp: 127637

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.380 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

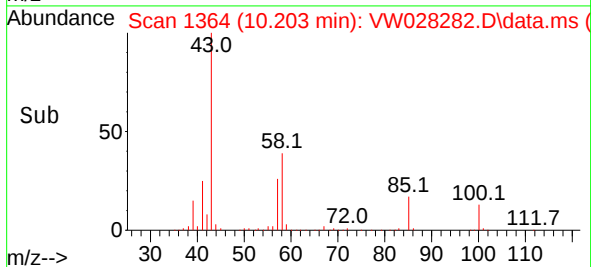
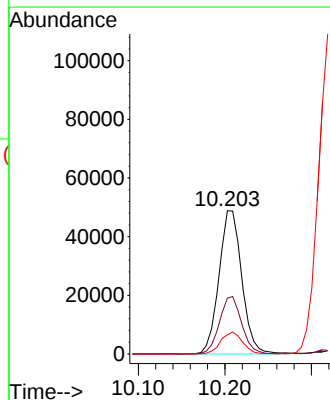
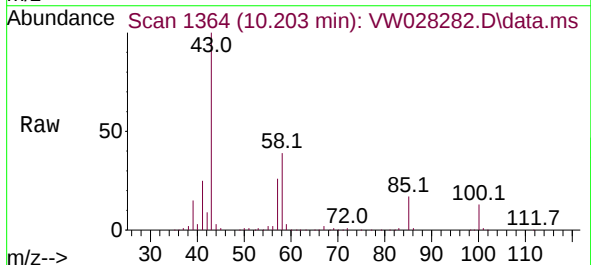
Tgt Ion: 43 Resp: 89445

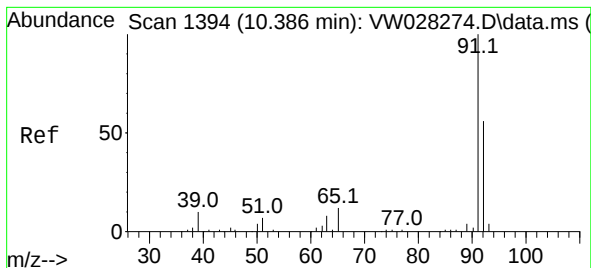
Ion Ratio Lower Upper

43 100

58 39.0 30.1 45.1

100 14.8 11.8 17.8





#42

Toluene

Concen: 25.779 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

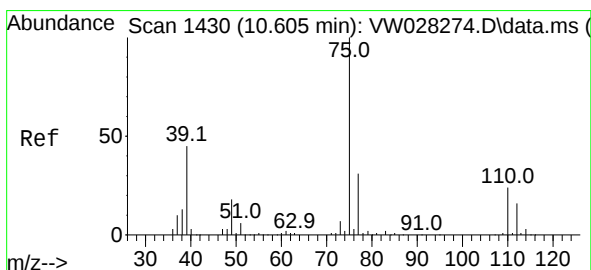
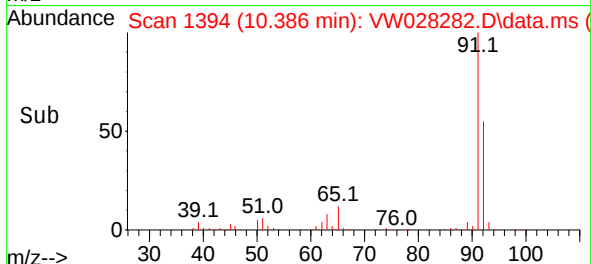
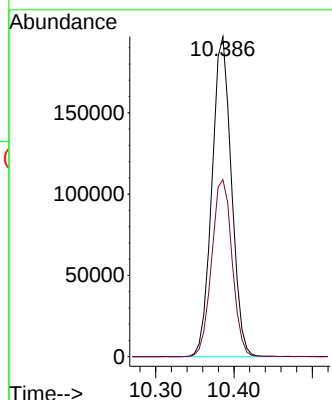
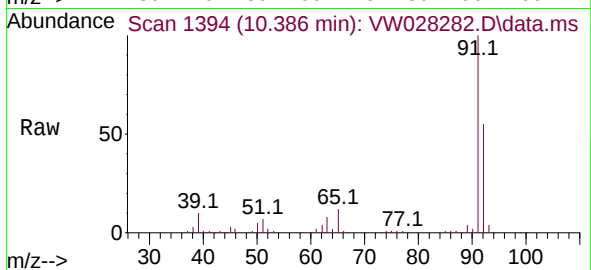
ClientSampleId :

Tgt Ion: 91 Resp: 340281

Ion Ratio Lower Upper

91 100

92 55.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.268 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028282.D

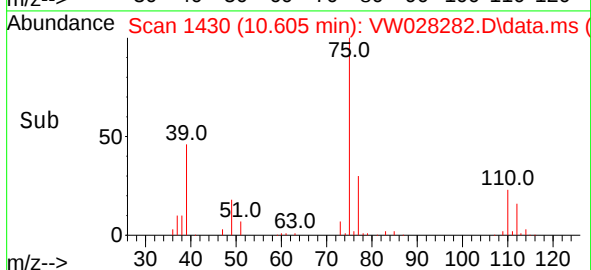
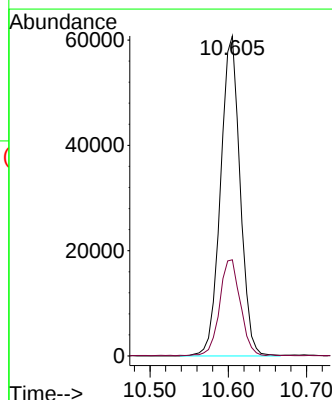
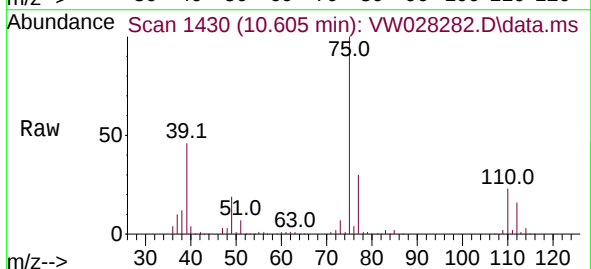
Acq: 01 Apr 2024 14:29

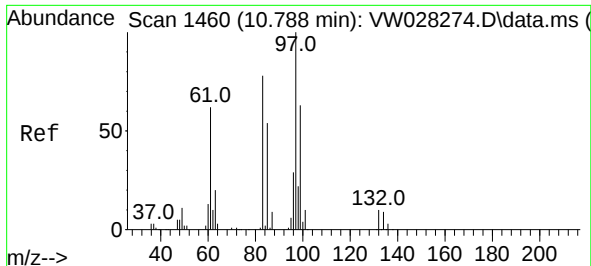
Tgt Ion: 75 Resp: 105692

Ion Ratio Lower Upper

75 100

77 30.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 26.052 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 58230

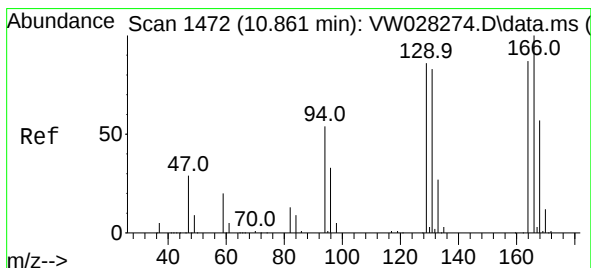
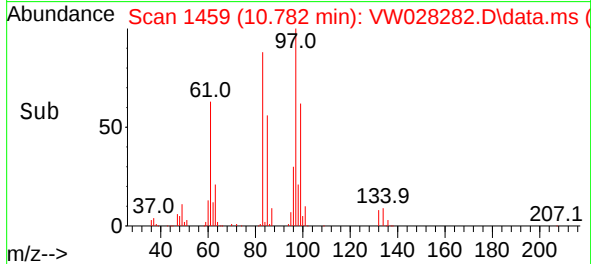
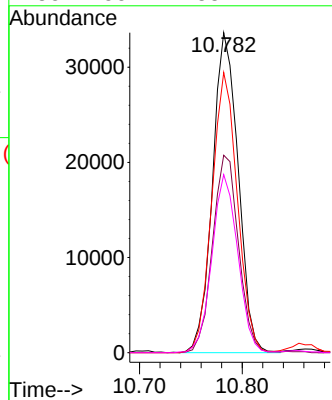
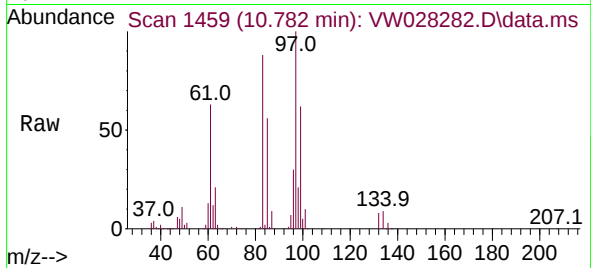
Ion Ratio Lower Upper

97 100

99 61.7 43.4 80.6

83 87.6 59.4 110.4

85 55.7 38.4 71.4



#46

Tetrachloroethene

Concen: 23.378 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Tgt Ion:164 Resp: 63588

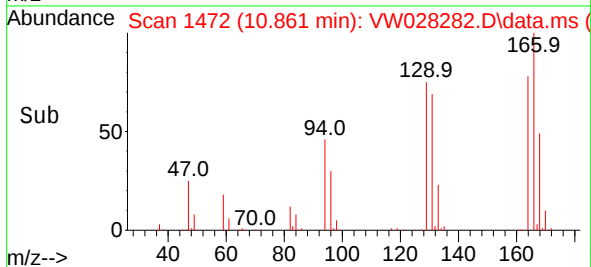
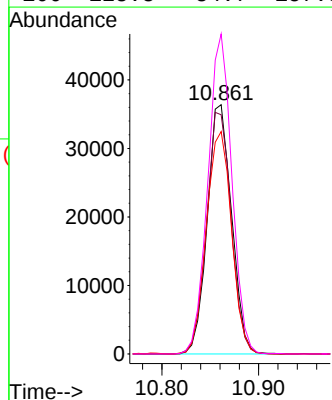
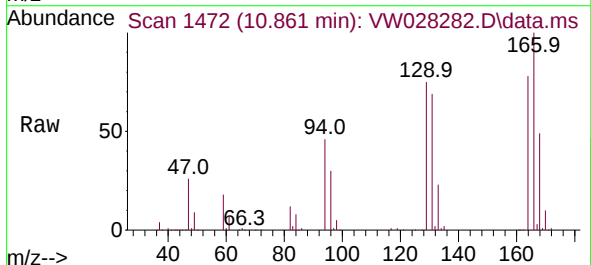
Ion Ratio Lower Upper

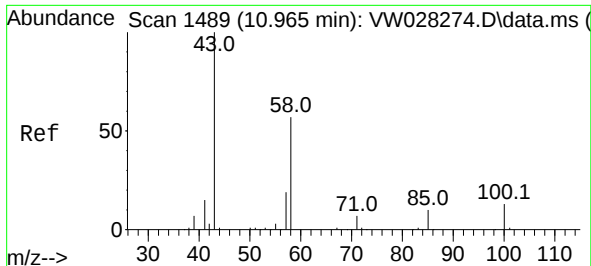
164 100

129 95.9 64.0 119.0

131 89.2 62.6 116.3

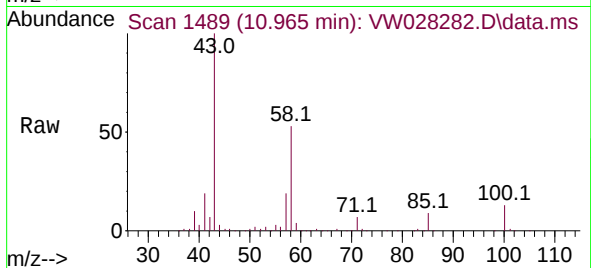
166 128.3 84.7 157.3



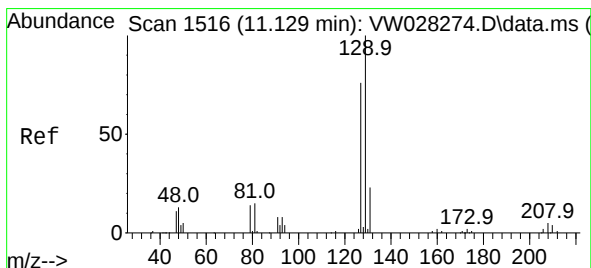
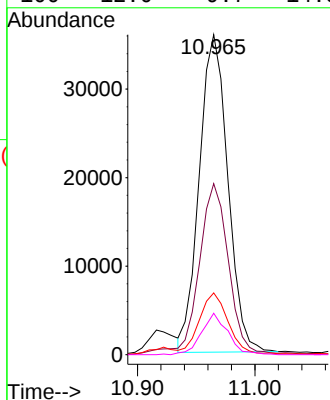
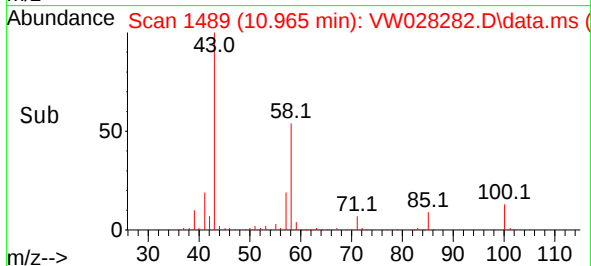


#48
2-Hexanone
Concen: 45.326 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Instrument :
MSVOA_W
ClientSampleId :

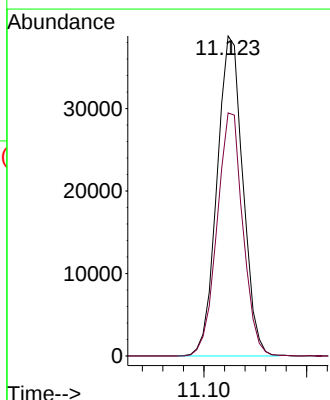
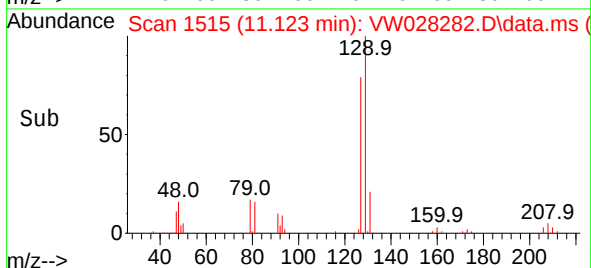
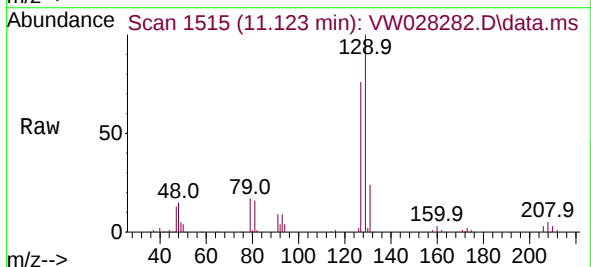


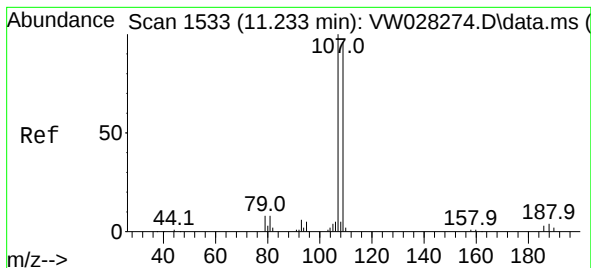
Tgt Ion: 43 Resp: 60630
Ion Ratio Lower Upper
43 100
58 52.9 40.6 61.0
57 19.2 15.7 23.5
100 12.0 9.7 14.5



#49
Dibromochloromethane
Concen: 25.601 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion: 129 Resp: 67770
Ion Ratio Lower Upper
129 100
127 75.9 53.1 98.7





#50

1,2-Dibromoethane

Concen: 24.973 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

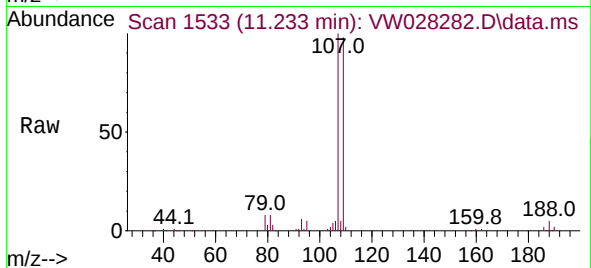
Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :



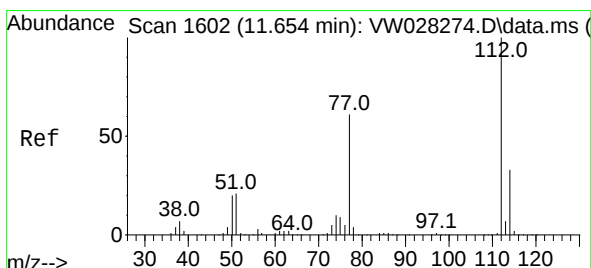
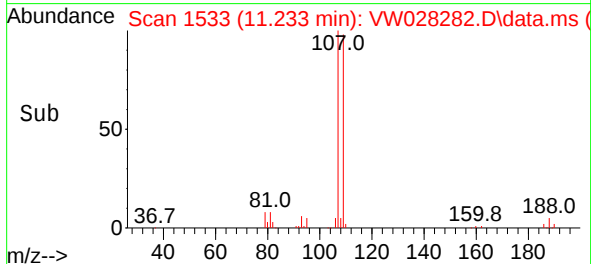
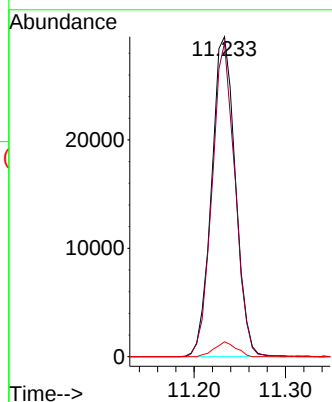
Tgt Ion:107 Resp: 53372

Ion Ratio Lower Upper

107 100

109 98.0 64.4 119.6

188 4.6 3.4 5.2



#51

Chlorobenzene

Concen: 25.654 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

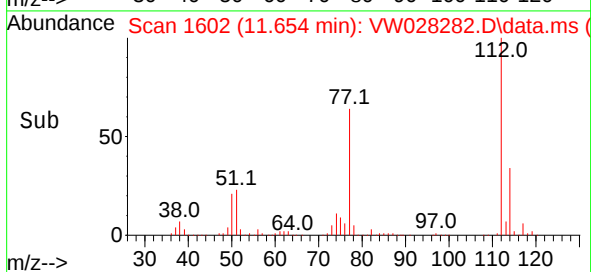
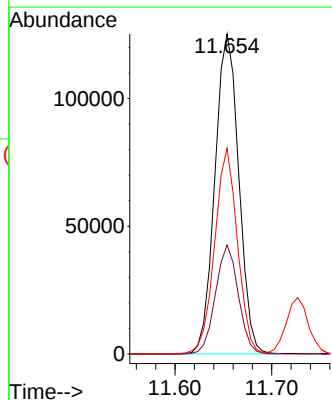
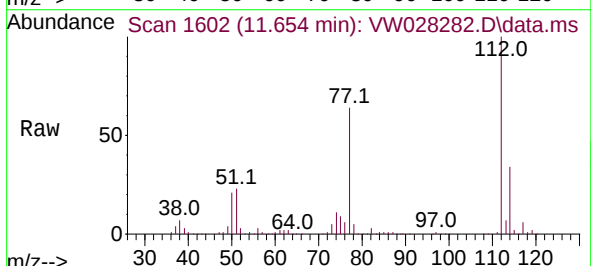
Tgt Ion:112 Resp: 214938

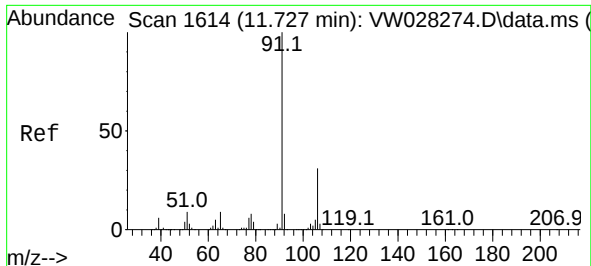
Ion Ratio Lower Upper

112 100

114 34.1 21.8 40.6

77 64.3 50.6 76.0





#52

Ethylbenzene

Concen: 25.219 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

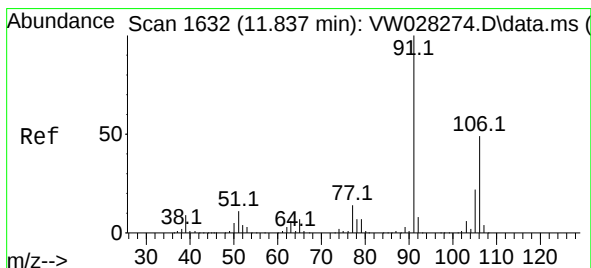
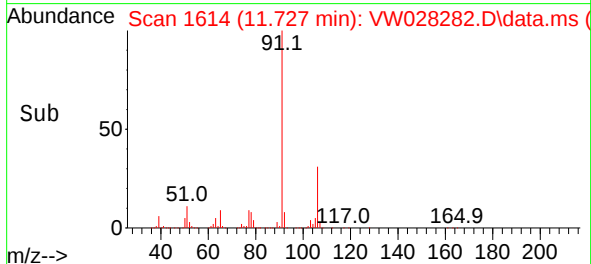
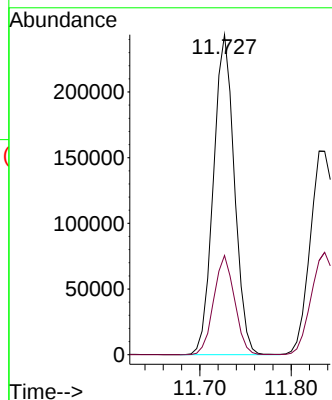
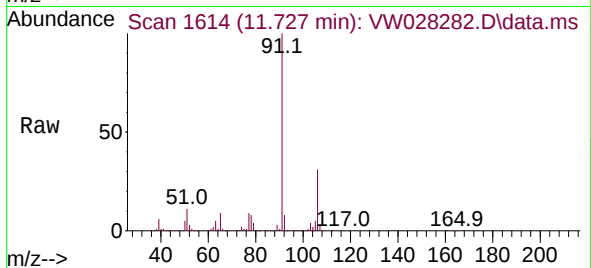
ClientSampleId :

Tgt Ion: 91 Resp: 388598

Ion Ratio Lower Upper

91 100

106 31.0 21.3 39.5



#53

m,p-Xylene

Concen: 25.378 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028282.D

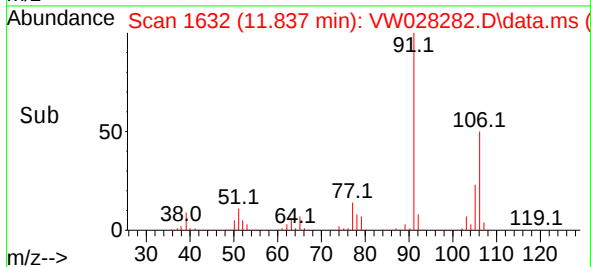
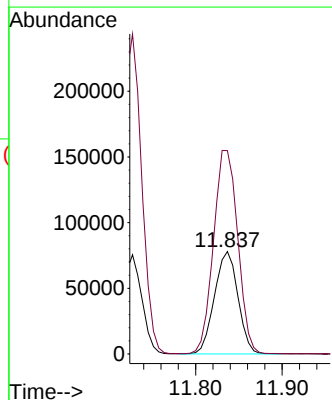
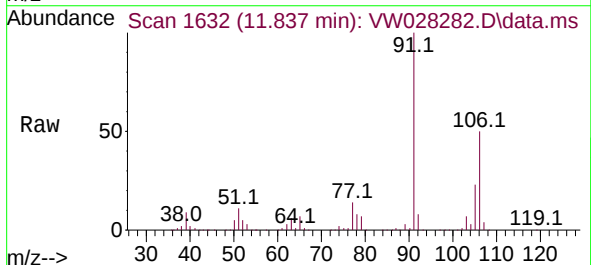
Acq: 01 Apr 2024 14:29

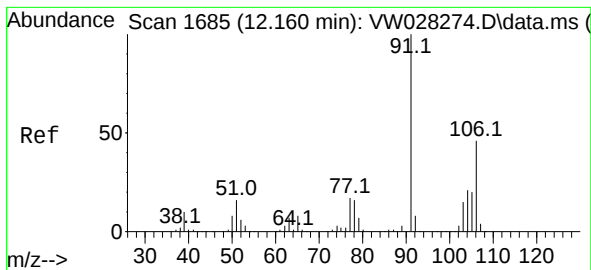
Tgt Ion:106 Resp: 147158

Ion Ratio Lower Upper

106 100

91 198.4 147.1 273.1





#54

o-Xylene

Concen: 26.118 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

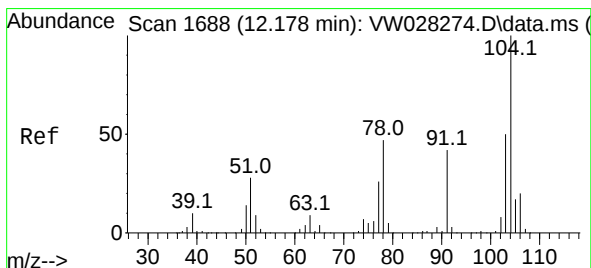
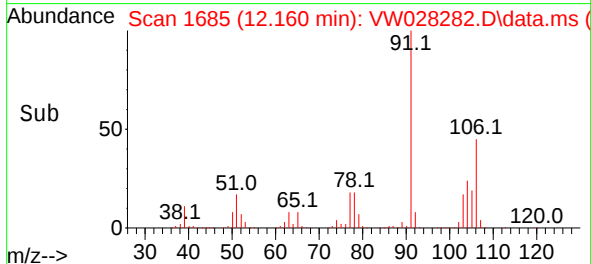
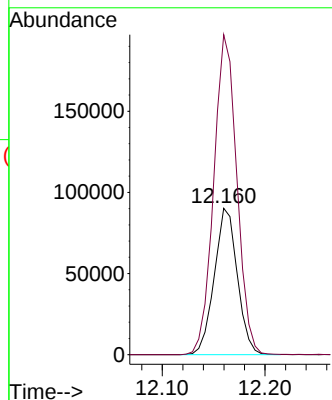
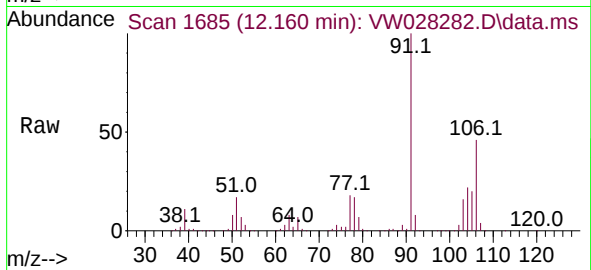
ClientSampleId :

Tgt Ion:106 Resp: 140442

Ion Ratio Lower Upper

106 100

91 218.5 149.2 277.2



#55

Styrene

Concen: 26.542 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028282.D

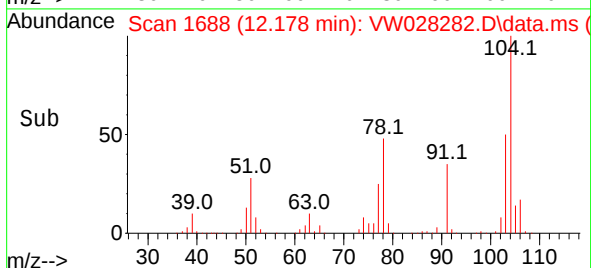
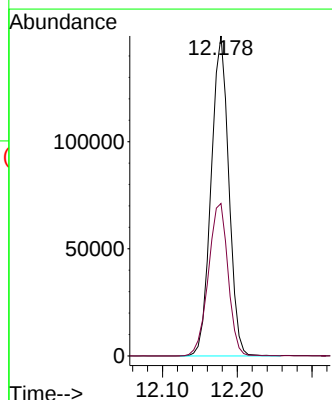
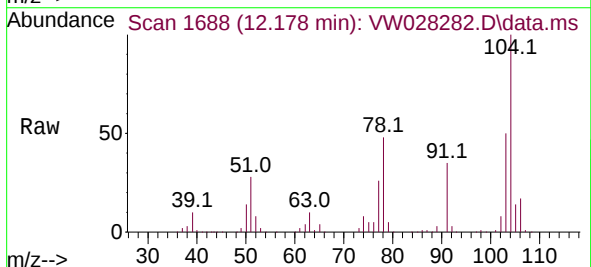
Acq: 01 Apr 2024 14:29

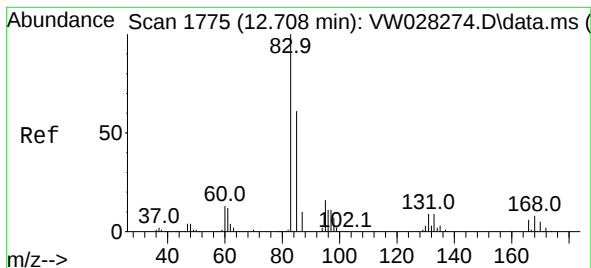
Tgt Ion:104 Resp: 245155

Ion Ratio Lower Upper

104 100

78 47.6 33.2 61.7

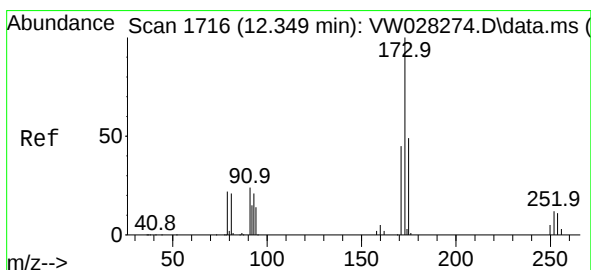
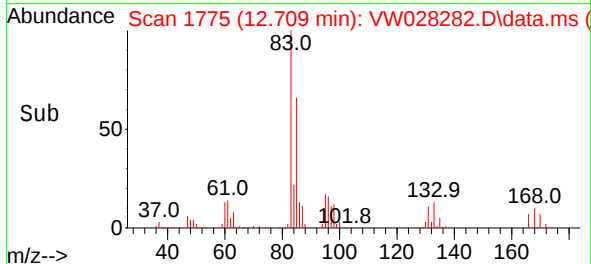
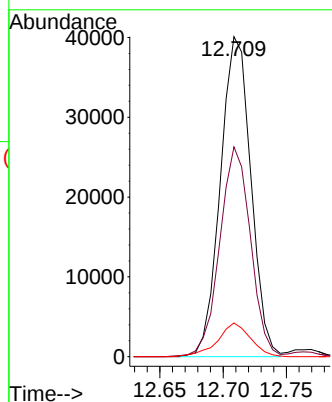
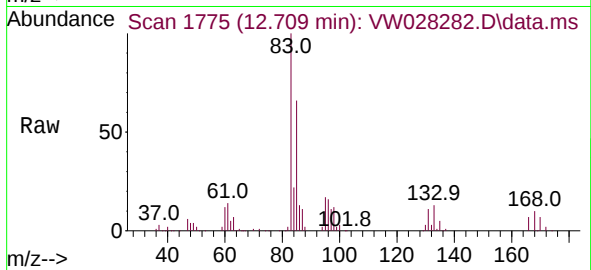




#57
1,1,2,2-Tetrachloroethane
Concen: 26.318 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

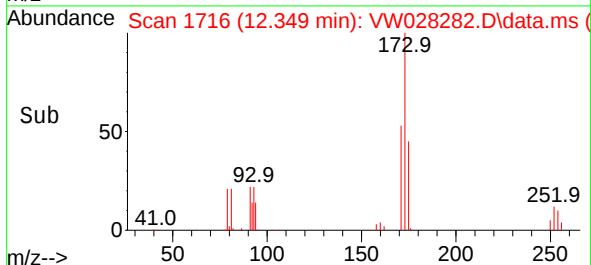
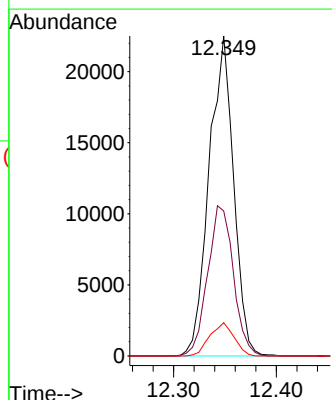
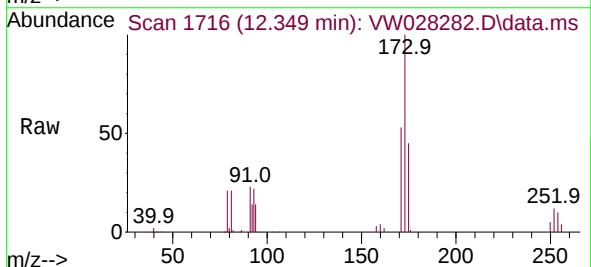
Instrument :
MSVOA_W
ClientSampleId :

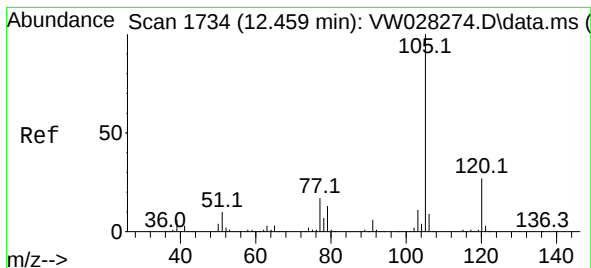
Tgt Ion: 83 Resp: 67285
Ion Ratio Lower Upper
83 100
85 65.5 47.0 87.2
131 10.6 8.9 13.3



#59
Bromoform
Concen: 23.457 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion:173 Resp: 37350
Ion Ratio Lower Upper
173 100
175 49.2 39.8 59.6
254 10.3 8.5 12.7





#60

Isopropylbenzene

Concen: 25.315 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

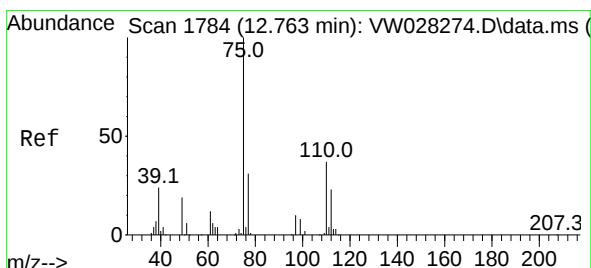
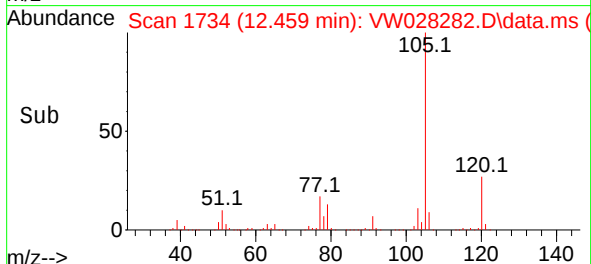
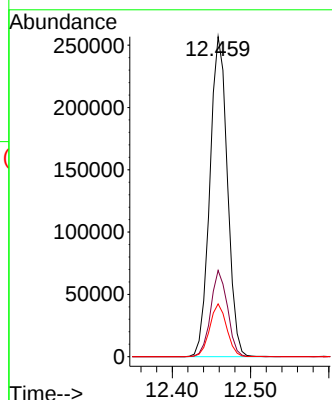
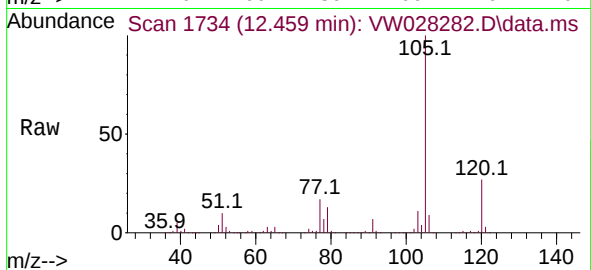
Tgt Ion:105 Resp: 399668

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.337 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

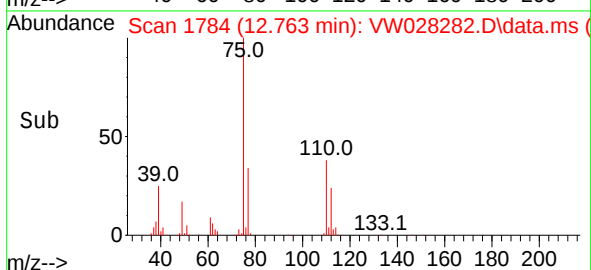
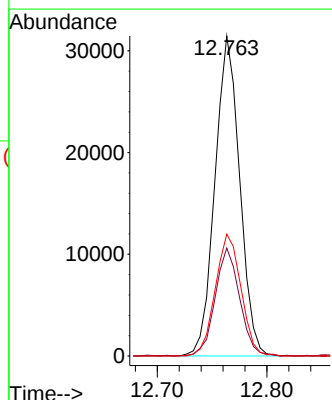
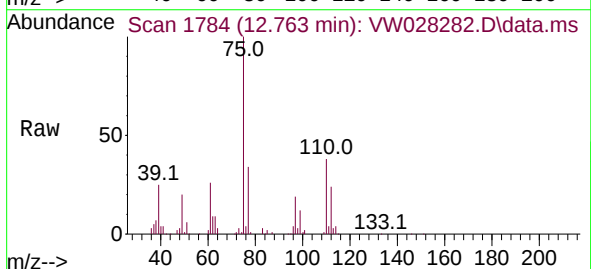
Tgt Ion: 75 Resp: 49356

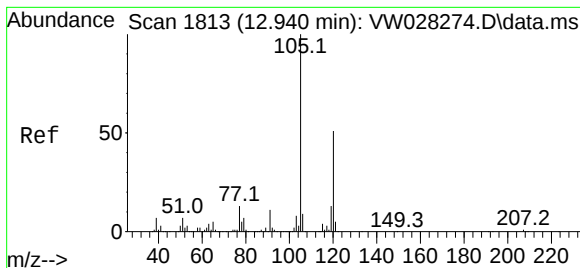
Ion Ratio Lower Upper

75 100

77 33.3 26.0 39.0

110 39.4 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 25.174 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

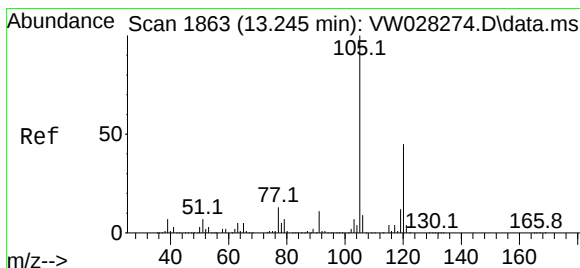
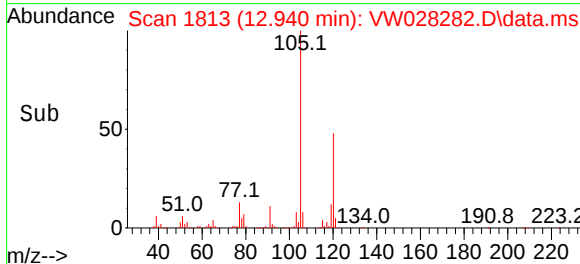
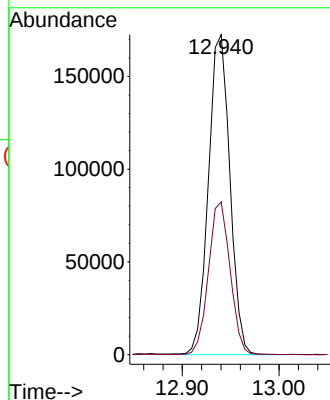
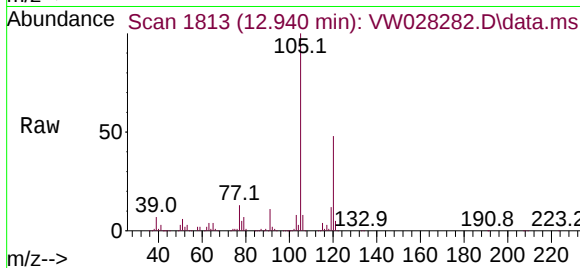
ClientSampleId :

Tgt Ion:105 Resp: 266682

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 25.226 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028282.D

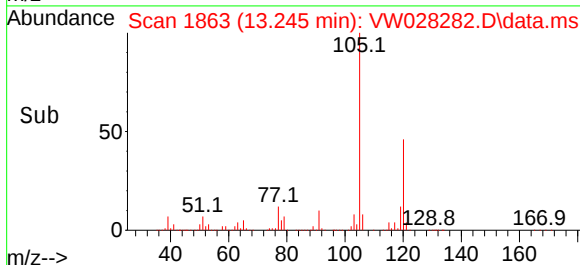
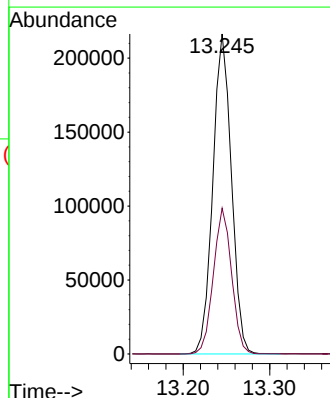
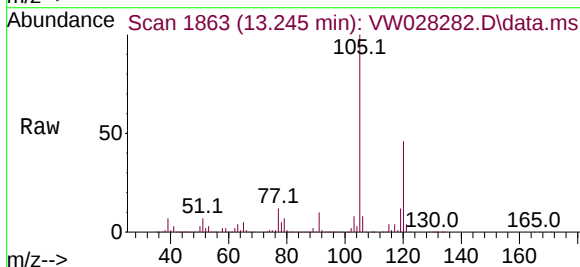
Acq: 01 Apr 2024 14:29

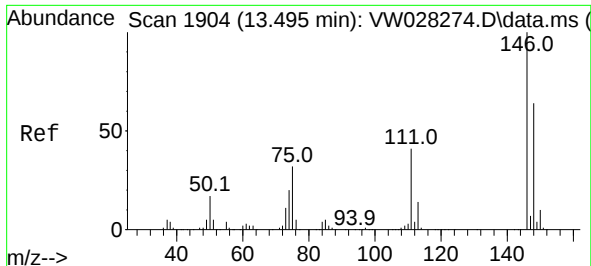
Tgt Ion:105 Resp: 322679

Ion Ratio Lower Upper

105 100

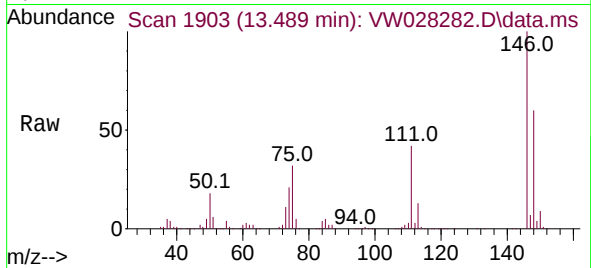
120 44.6 35.6 53.4



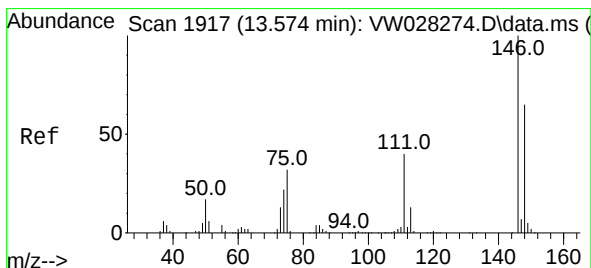
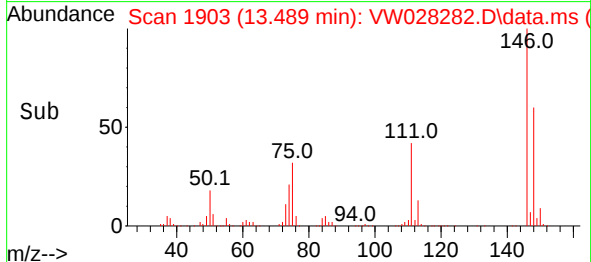
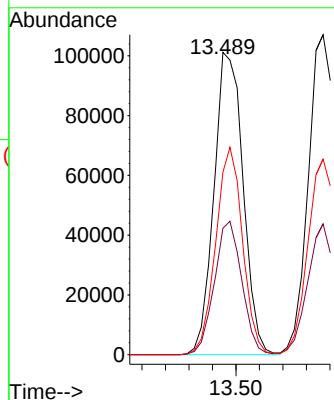


#64
1,3-Dichlorobenzene
Concen: 24.717 ug/L
RT: 13.489 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Instrument :
MSVOA_W
ClientSampleId :

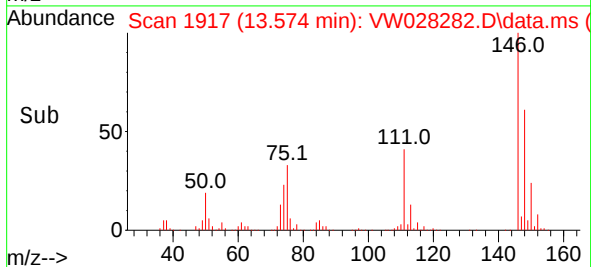
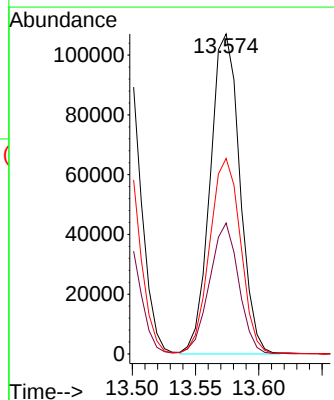
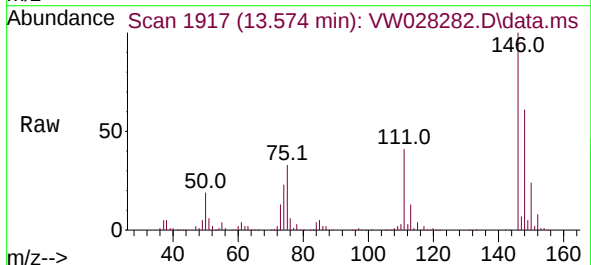


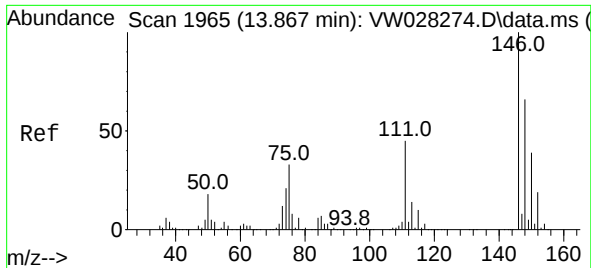
Tgt Ion:146 Resp: 174096
Ion Ratio Lower Upper
146 100
111 41.8 28.5 52.9
148 60.3 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 24.825 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion:146 Resp: 174849
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.6
148 61.1 45.3 84.1

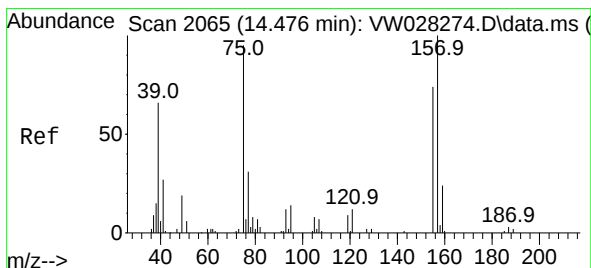
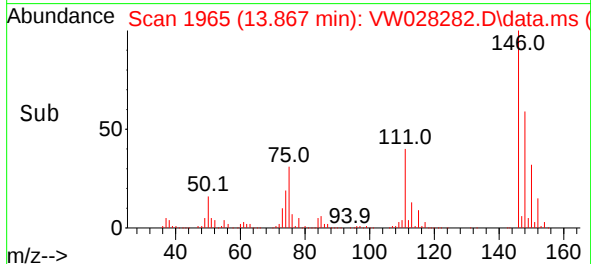
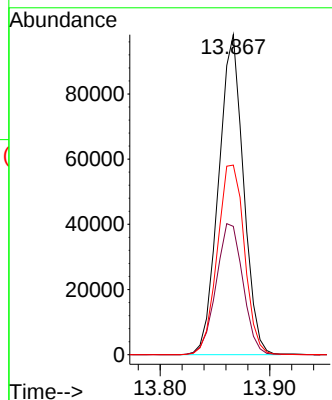
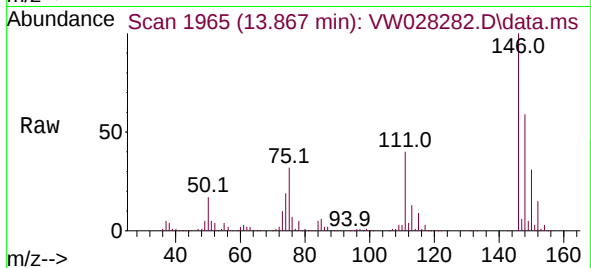




#67
1,2-Dichlorobenzene
Concen: 25.532 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

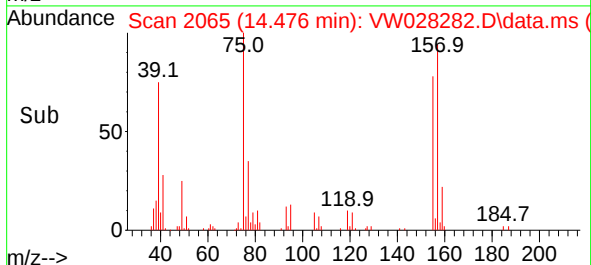
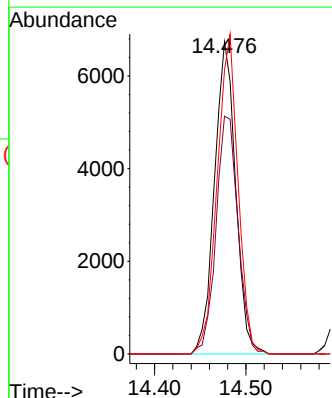
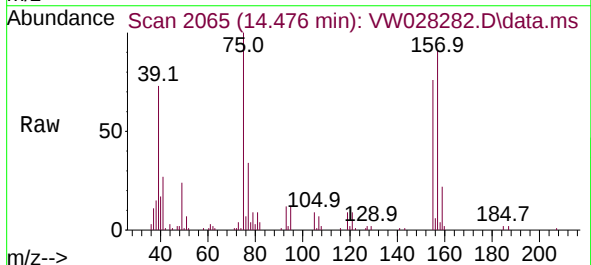
Instrument :
MSVOA_W
ClientSampleId :

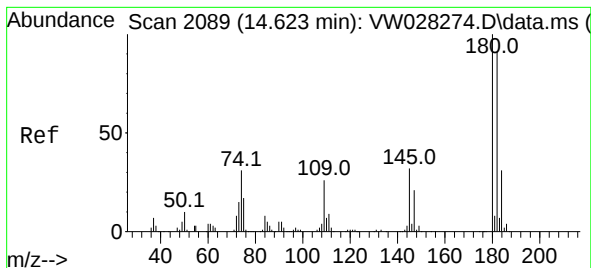
Tgt Ion:146 Resp: 154865
Ion Ratio Lower Upper
146 100
111 40.1 34.2 51.2
148 59.2 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 22.725 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028282.D
Acq: 01 Apr 2024 14:29

Tgt Ion: 75 Resp: 10826
Ion Ratio Lower Upper
75 100
155 76.2 61.1 91.7
157 91.0 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 24.462 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

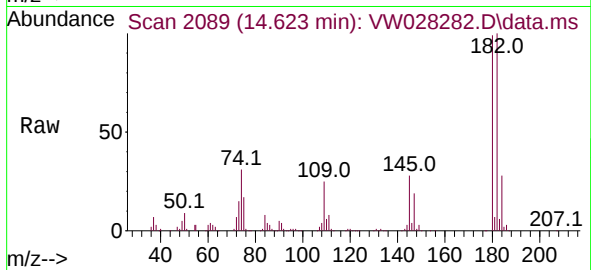
Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 120016

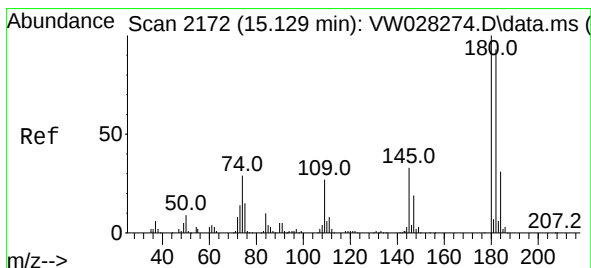
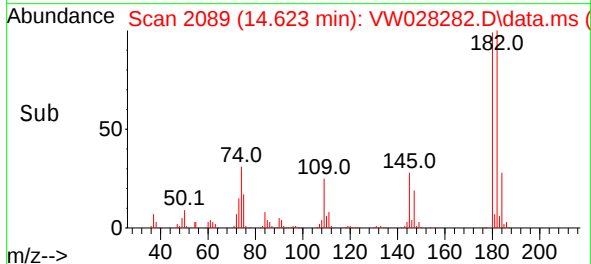
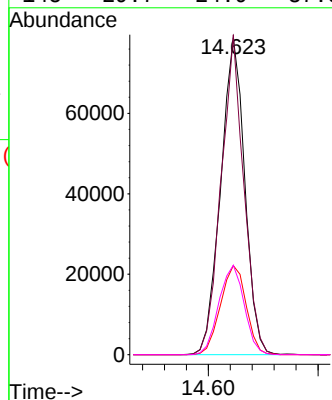
Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

184 29.9 23.5 35.3

145 29.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.442 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

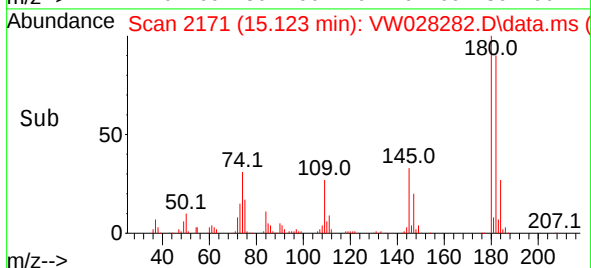
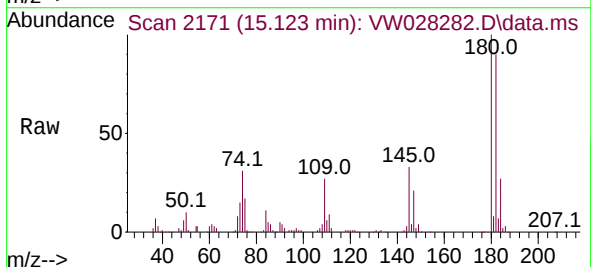
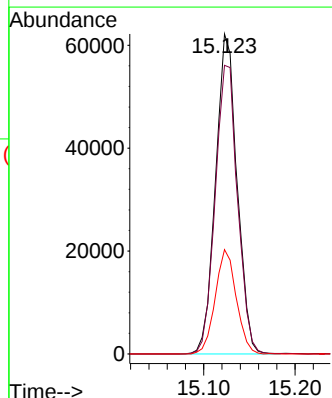
Tgt Ion:180 Resp: 101874

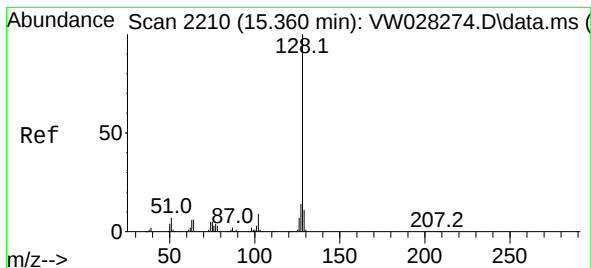
Ion Ratio Lower Upper

180 100

182 93.5 73.8 110.8

145 31.8 25.0 37.6





#71

Naphthalene

Concen: 25.551 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Instrument :

MSVOA_W

ClientSampleId :

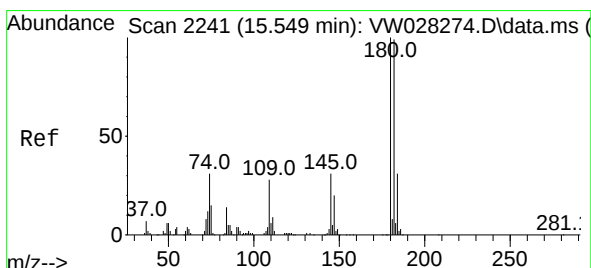
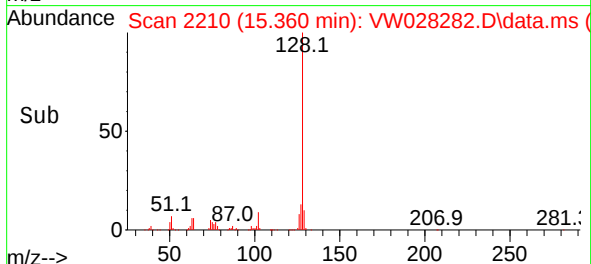
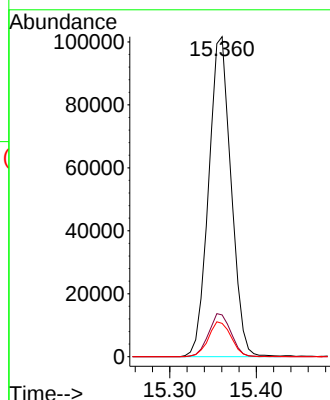
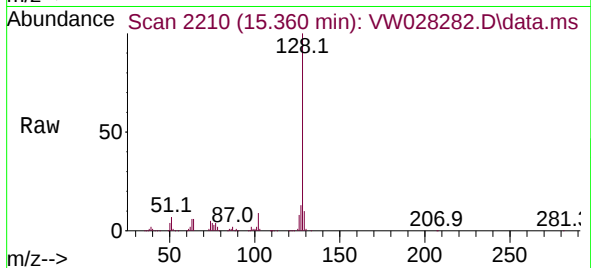
Tgt Ion:128 Resp: 182790

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.175 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028282.D

Acq: 01 Apr 2024 14:29

Tgt Ion:180 Resp: 89936

Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 32.5 27.1 40.7

