

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022735.D
 Acq On : 02 May 2022 12:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 01:37:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	359563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	346085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	174954	23.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.880%
7) Chloroethane-d5	2.885	69	120999	25.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
11) 1,1-Dichloroethene-d2	4.019	63	227989	23.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.680%
21) 2-Butanone-d5	7.079	46	64866	46.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.500%
24) Chloroform-d	7.646	84	275244	26.128	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	8.305	65	145701	25.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.880%
32) Benzene-d6	8.274	84	537432	26.942	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.760%
36) 1,2-Dichloropropane-d6	9.274	67	152017	27.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.520%
41) Toluene-d8	10.323	98	529207	27.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.840%
43) trans-1,3-Dichloroprop...	10.579	79	67145	26.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.080%
47) 2-Hexanone-d5	10.926	63	52338	48.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132795	25.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	178835	26.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44998	22.957	ug/L	94
3) Chloromethane	2.214	50	82124	21.682	ug/L	97
5) Vinyl chloride	2.361	62	163515	21.511	ug/L	97
6) Bromomethane	2.781	94	101036	20.702	ug/L	96
8) Chloroethane	2.922	64	81611	22.259	ug/L	95
9) Trichlorofluoromethane	3.257	101	75888	21.843	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	114495	22.040	ug/L #	75
12) 1,1-Dichloroethene	4.043	96	104143	22.614	ug/L	93
13) Acetone	4.123	43	35432	33.741	ug/L	100
14) Carbon disulfide	4.385	76	275822	21.846	ug/L	99
15) Methyl Acetate	4.671	43	45302	21.474	ug/L	99
16) Methylene chloride	4.921	84	111978	21.283	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	115598	22.306	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	180562	22.823	ug/L	98
19) 1,1-Dichloroethane	6.214	63	202110	23.010	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	129404	23.247	ug/L #	98
22) 2-Butanone	7.171	43	56888	38.737	ug/L	100
23) Bromochloromethane	7.512	128	59155	22.692	ug/L	94
25) Chloroform	7.677	83	227770	23.452	ug/L	100

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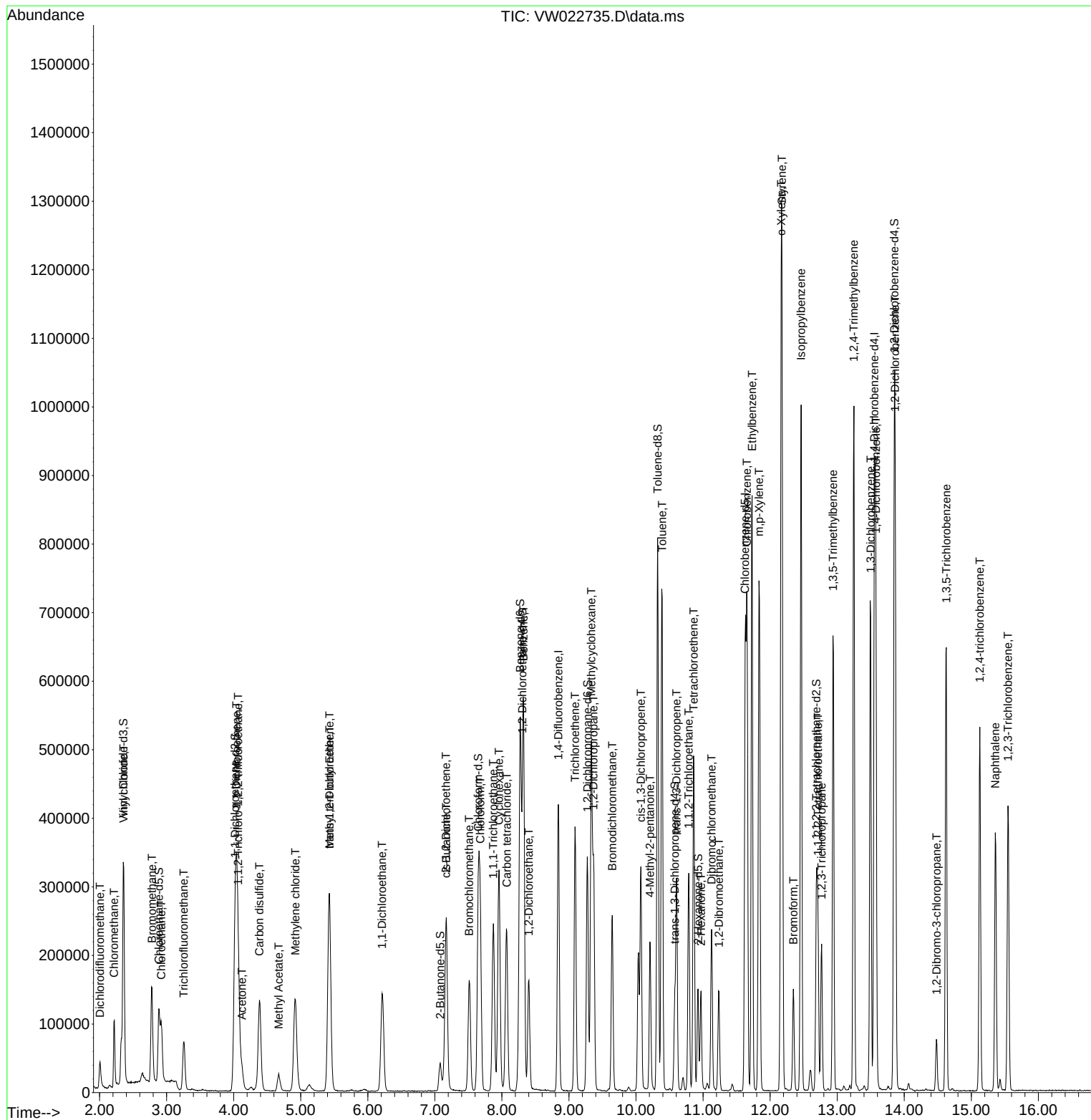
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	147038	22.712	ug/L	97
29) Cyclohexane	7.957	56	175931	23.505	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	191087	23.364	ug/L	98
31) Carbon tetrachloride	8.073	117	176816	23.112	ug/L	99
33) Benzene	8.323	78	480690	23.577	ug/L	100
34) Trichloroethene	9.091	95	128478	22.914	ug/L	97
35) Methylcyclohexane	9.335	83	212994	23.124	ug/L	99
37) 1,2-Dichloropropane	9.366	63	115896	23.490	ug/L	99
38) Bromodichloromethane	9.646	83	165653	23.638	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	186312	24.354	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	130399	41.932	ug/L	98
42) Toluene	10.390	91	552357	24.175	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	161735	23.686	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	93835	22.751	ug/L	96
46) Tetrachloroethene	10.859	164	102838	24.406	ug/L	87
48) 2-Hexanone	10.969	43	87789	42.251	ug/L	99
49) Dibromochloromethane	11.127	129	115779	23.323	ug/L	92
50) 1,2-Dibromoethane	11.237	107	94210	22.748	ug/L	98
51) Chlorobenzene	11.652	112	361342	23.988	ug/L	96
52) Ethylbenzene	11.731	91	612656	24.102	ug/L	98
53) m,p-Xylene	11.835	106	245646	24.526	ug/L	93
54) o-Xylene	12.164	106	237195	24.678	ug/L	98
55) Styrene	12.176	104	407488	24.950	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	117301	22.770	ug/L	97
59) Bromoform	12.347	173	61565	22.657	ug/L	100
60) Isopropylbenzene	12.463	105	646608	24.616	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	83063	21.681	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	353730	24.205	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	541527	24.679	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	286038	24.390	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	276336	22.812	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	265421	24.732	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.480	75	18189	21.723	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	184602	23.713	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	150451	24.025	ug/L	98
71) Naphthalene	15.358	128	325100	23.886	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	129045	23.251	ug/L	99

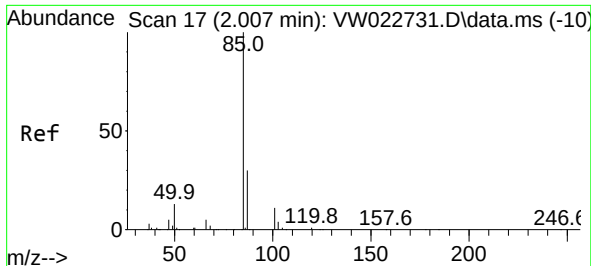
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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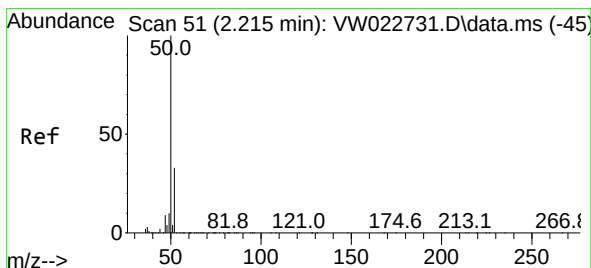
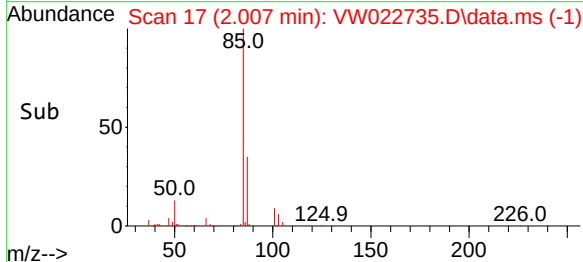
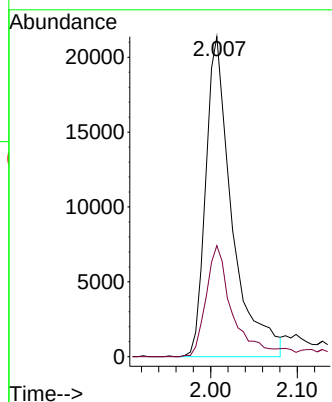
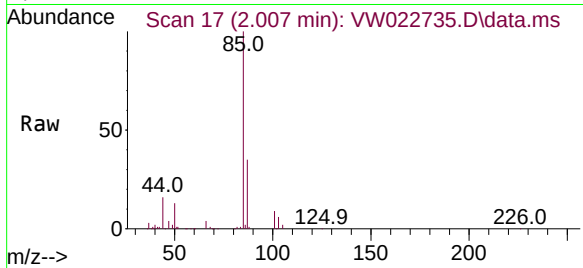




#2
 Dichlorodifluoromethane
 Concen: 22.957 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

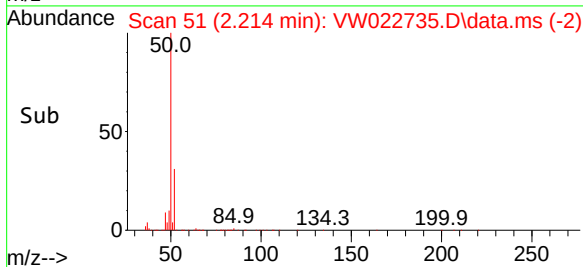
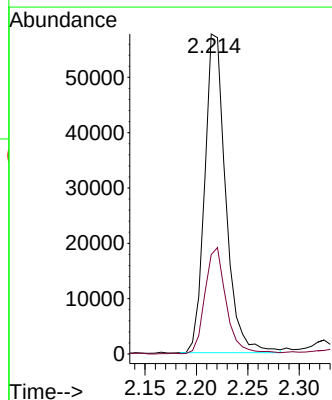
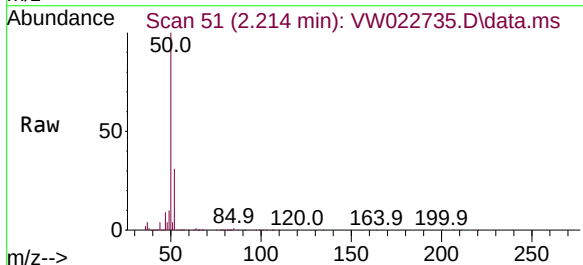
Instrument :
 MSVOA_W
 ClientSampleId :

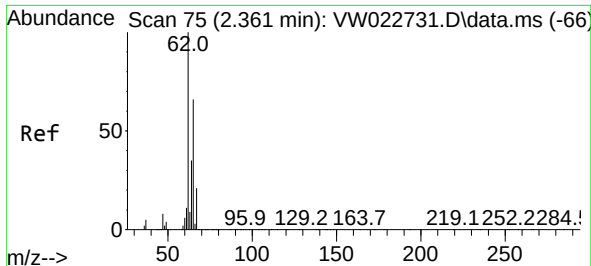
Tgt Ion: 85 Resp: 44998
 Ion Ratio Lower Upper
 85 100
 87 31.3 27.8 41.8



#3
 Chloromethane
 Concen: 21.682 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

Tgt Ion: 50 Resp: 82124
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.1 42.9

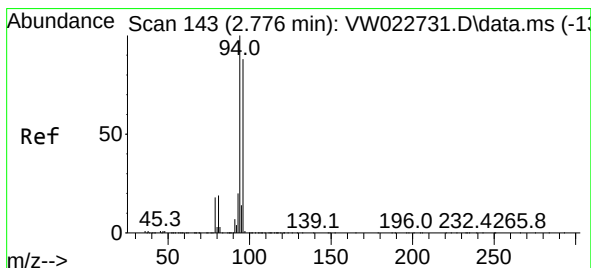
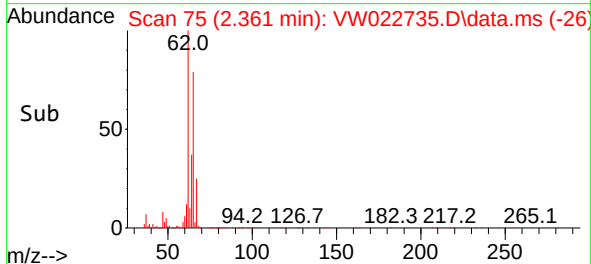
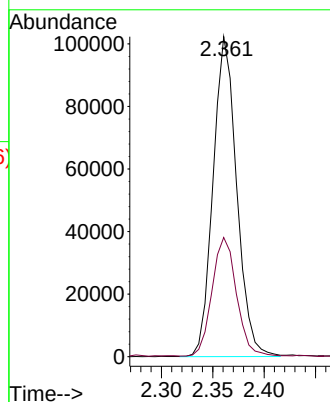
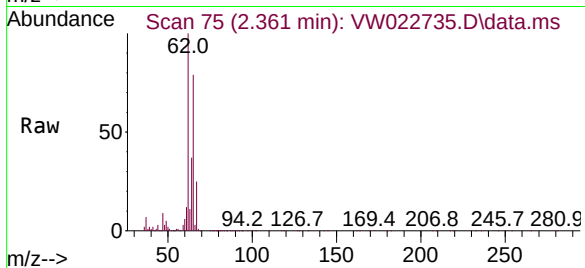




#5
 Vinyl chloride
 Concen: 21.511 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

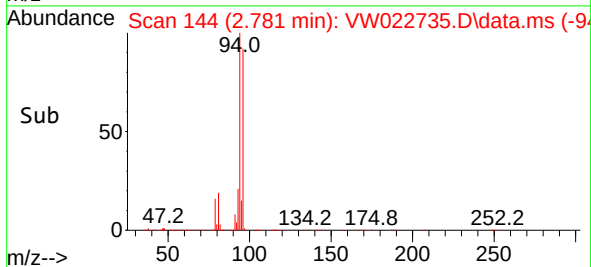
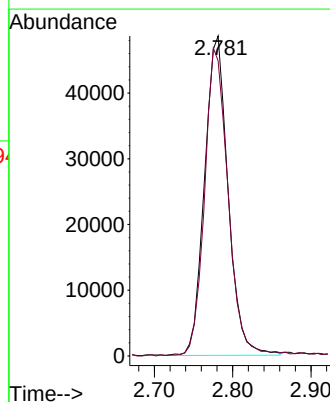
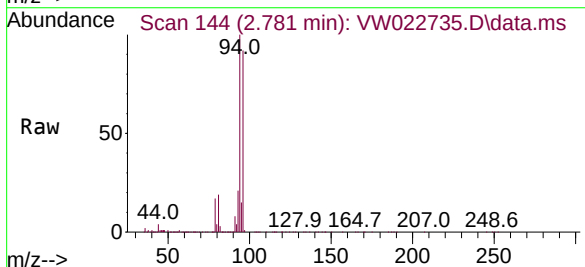
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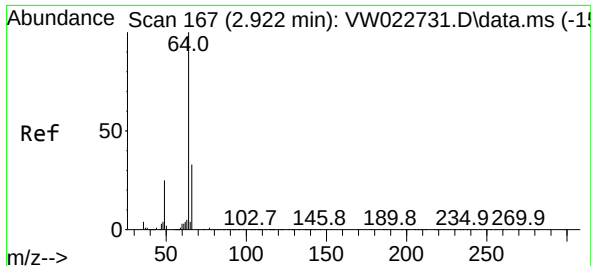
Tgt Ion: 62 Resp: 163515
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.9 46.3



#6
 Bromomethane
 Concen: 20.702 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

Tgt Ion: 94 Resp: 101036
 Ion Ratio Lower Upper
 94 100
 96 92.2 61.7 114.5

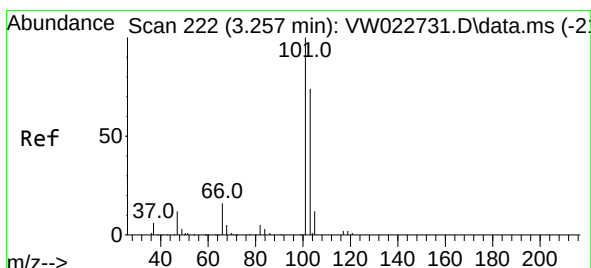
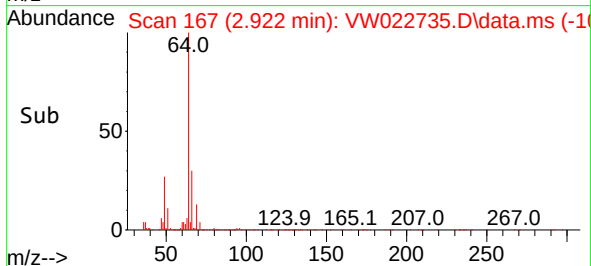
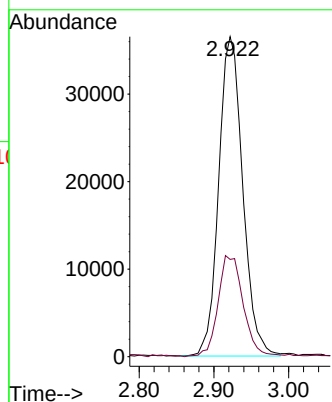
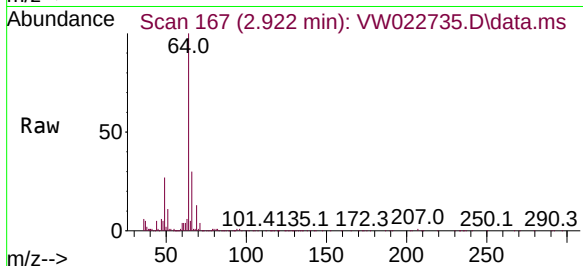




#8
Chloroethane
Concen: 22.259 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

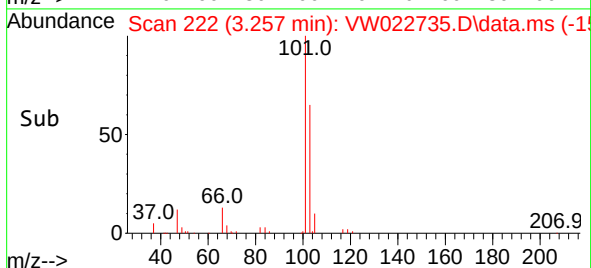
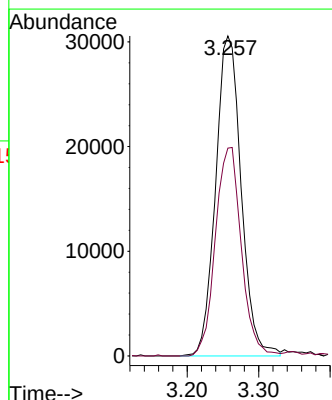
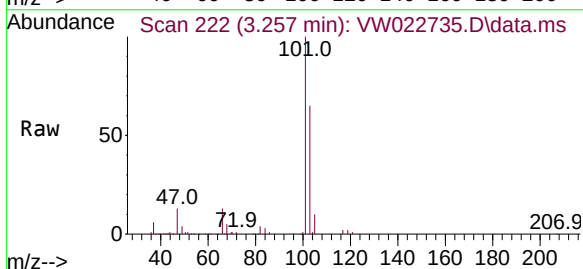
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MSVOA_W
ClientSampleId :

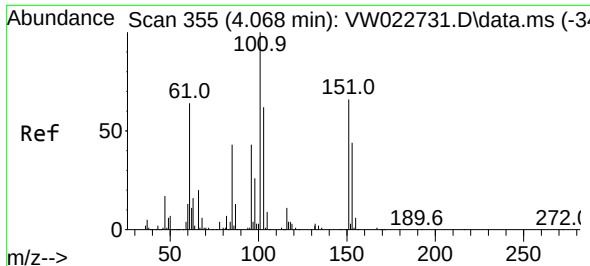
Tgt Ion: 64 Resp: 81611
Ion Ratio Lower Upper
64 100
66 30.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.843 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion: 101 Resp: 75888
Ion Ratio Lower Upper
101 100
103 65.8 53.9 80.9

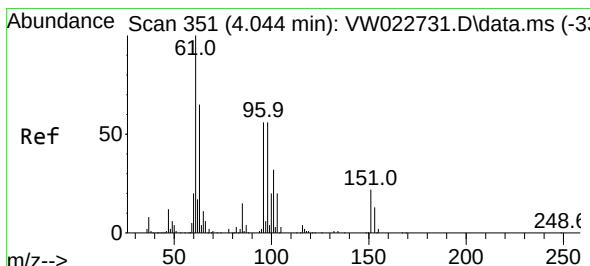
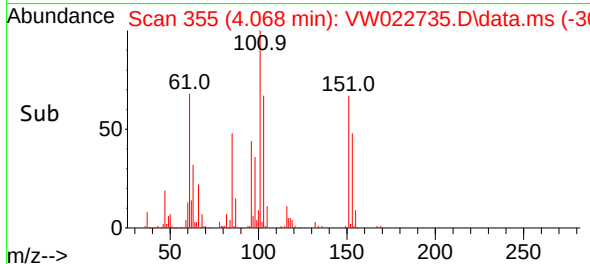
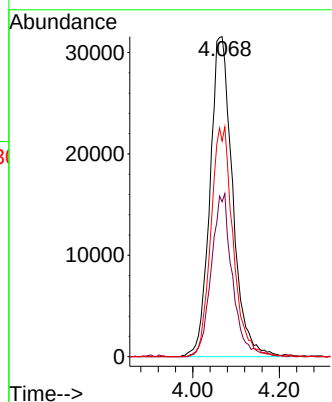
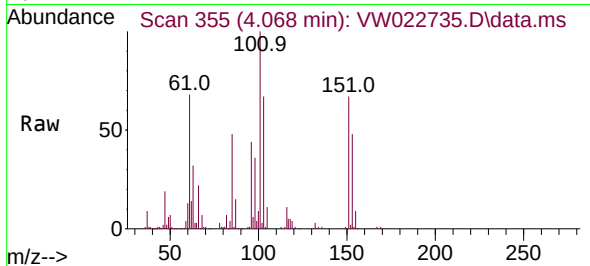




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.040 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

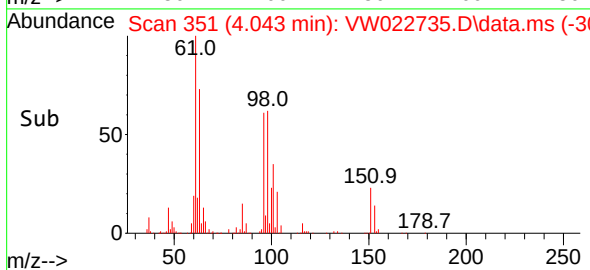
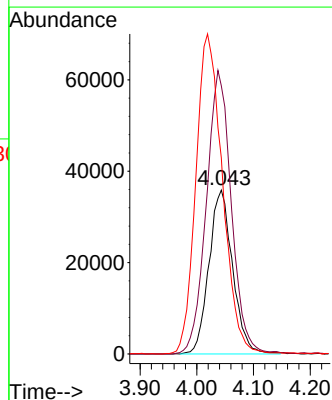
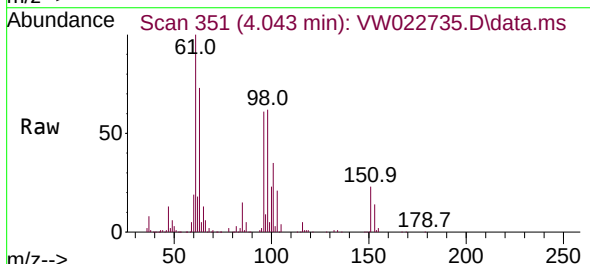
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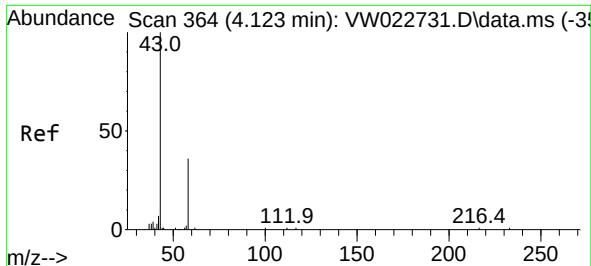
Tgt Ion:101 Resp: 114495
 Ion Ratio Lower Upper
 101 100
 85 47.4 34.3 51.5
 151 38.4 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 22.614 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

Tgt Ion: 96 Resp: 104143
 Ion Ratio Lower Upper
 96 100
 61 163.7 125.7 233.5
 63 119.7 83.4 155.0

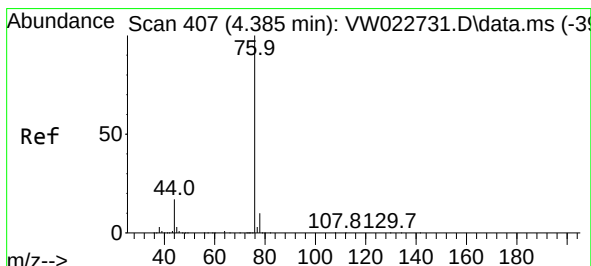
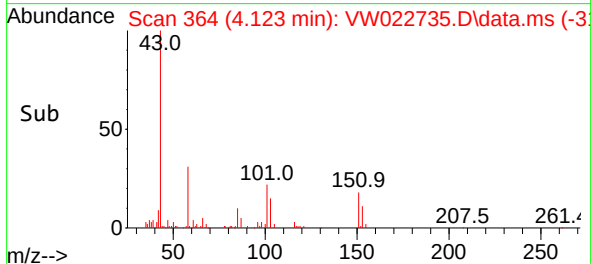
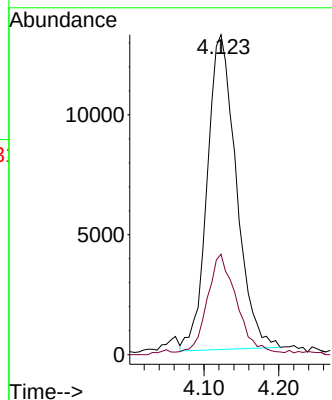
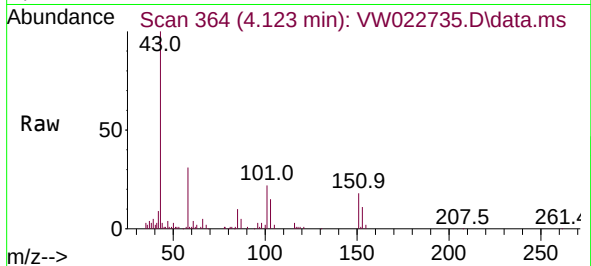




#13
Acetone
Concen: 33.741 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

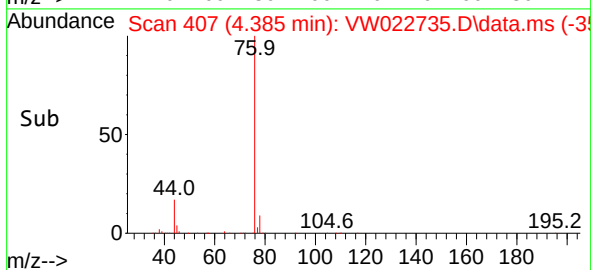
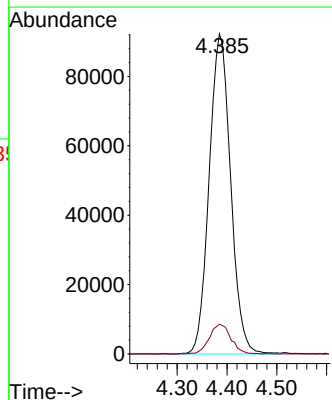
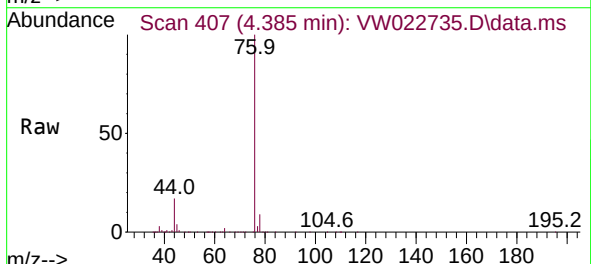
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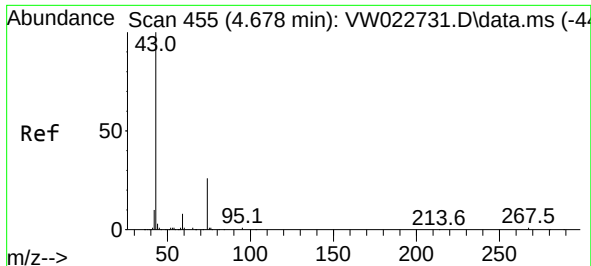
Tgt Ion: 43 Resp: 35432
Ion Ratio Lower Upper
43 100
58 31.8 0.0 64.0



#14
Carbon disulfide
Concen: 21.846 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 275822
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

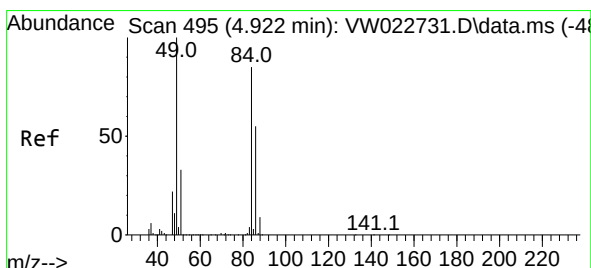
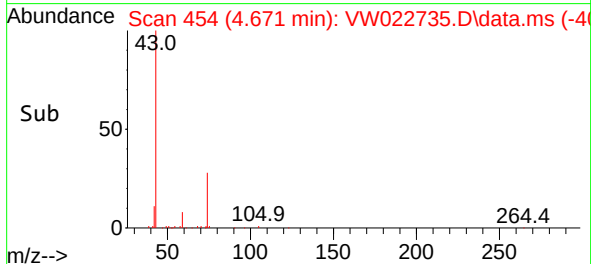
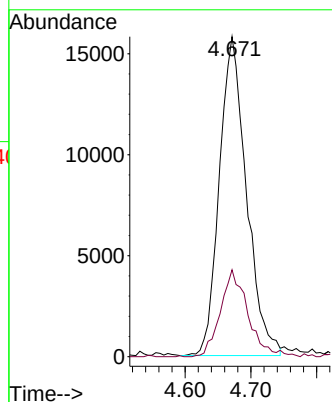
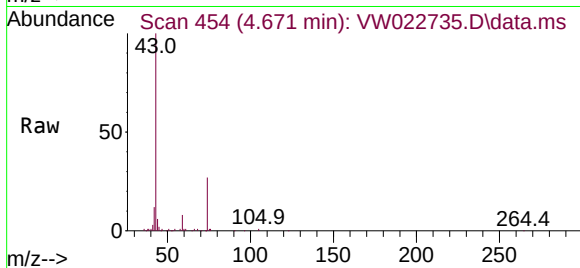




#15
Methyl Acetate
Concen: 21.474 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

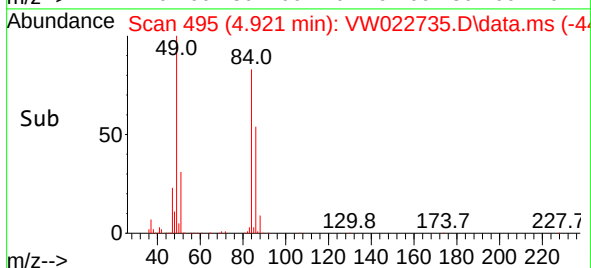
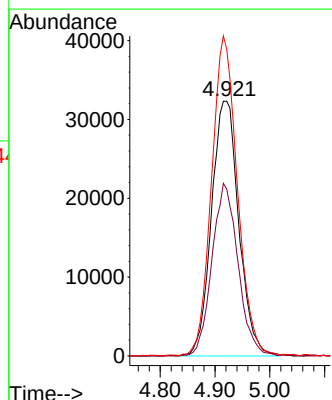
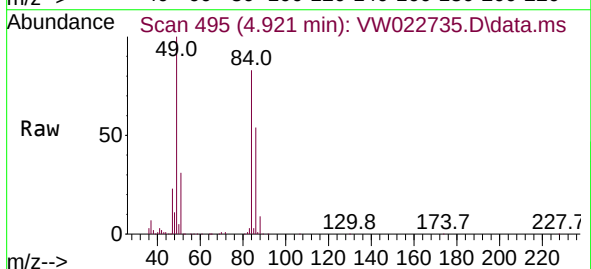
Instrument :
MSVOA_W
ClientSampleId :

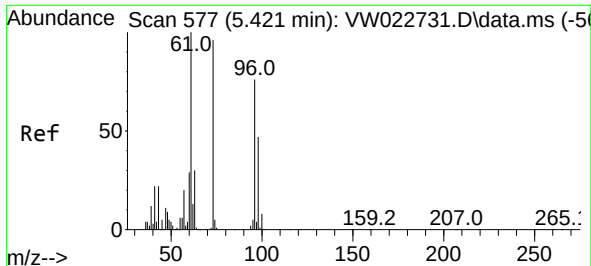
Tgt Ion: 43 Resp: 45302
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9



#16
Methylene chloride
Concen: 21.283 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.001 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

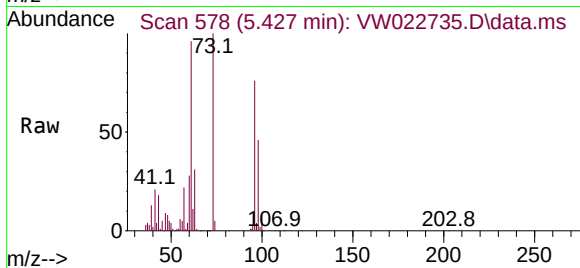
Tgt Ion: 84 Resp: 111978
Ion Ratio Lower Upper
84 100
86 65.5 45.4 84.4
49 120.3 82.5 153.1



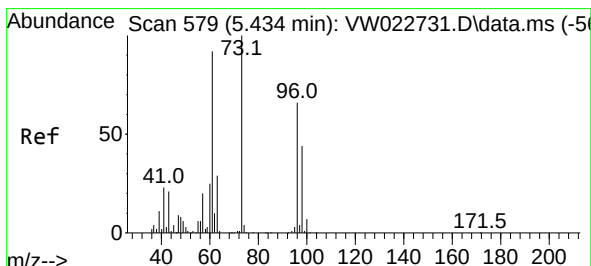
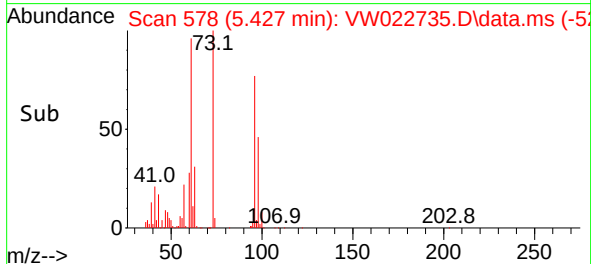
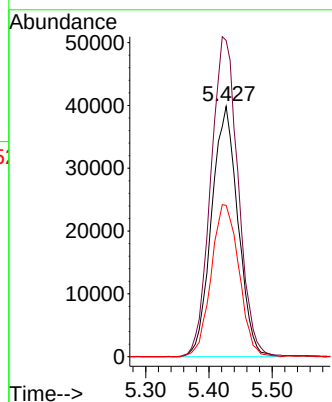


#17
trans-1,2-Dichloroethene
Concen: 22.306 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Instrument :
MSVOA_W
ClientSampleId :

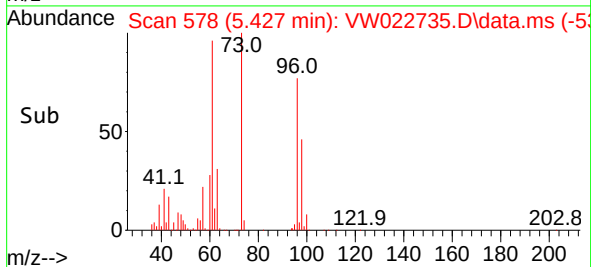
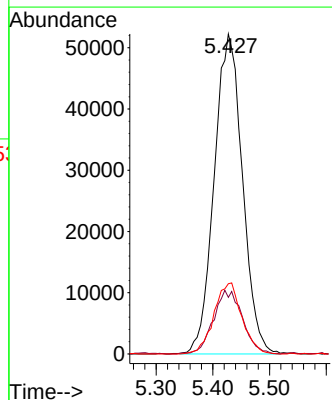
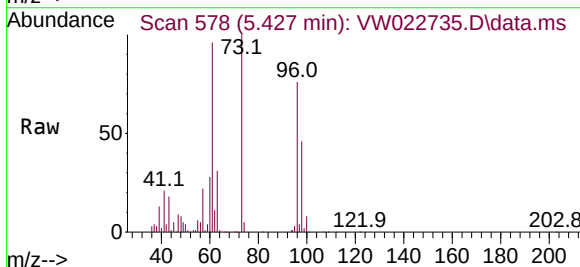


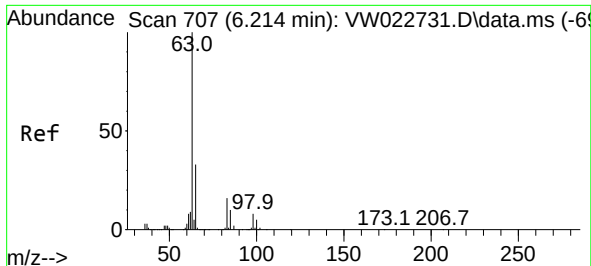
Tgt Ion: 96 Resp: 115598
Ion Ratio Lower Upper
96 100
61 126.4 92.2 171.2
98 60.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 22.823 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion: 73 Resp: 180562
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 21.9 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.010 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

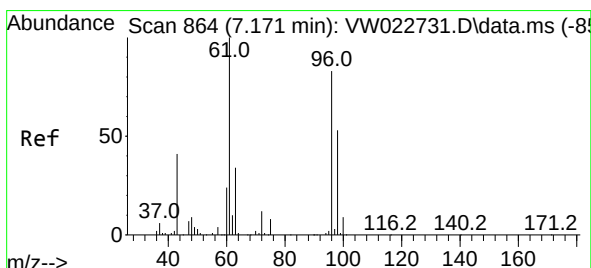
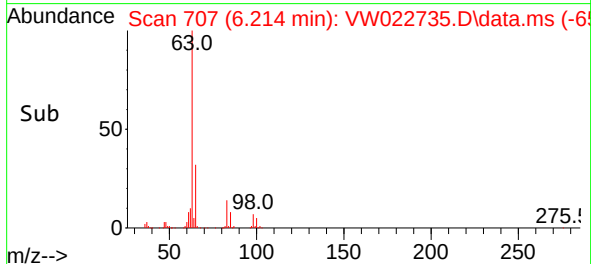
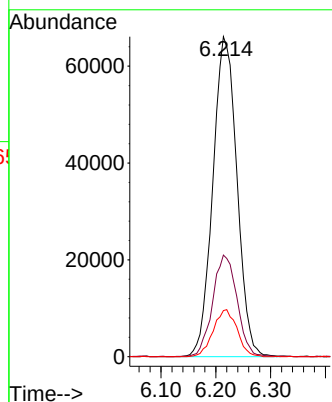
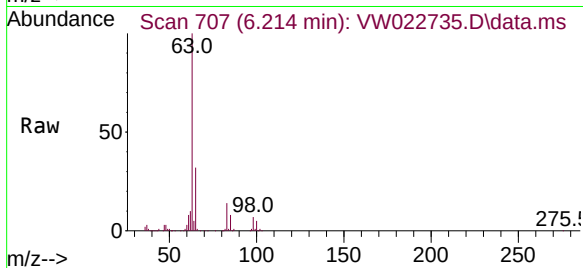
Tgt Ion: 63 Resp: 202110

Ion Ratio Lower Upper

63 100

65 31.8 23.3 43.3

83 14.4 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.247 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

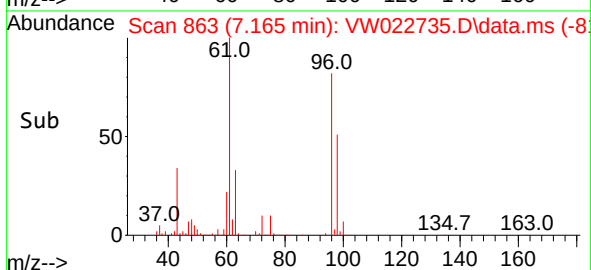
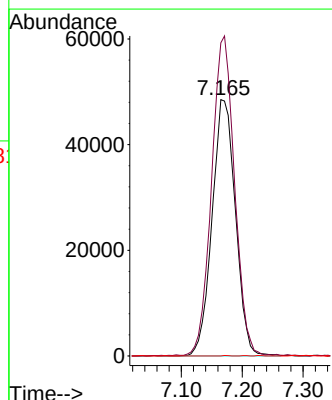
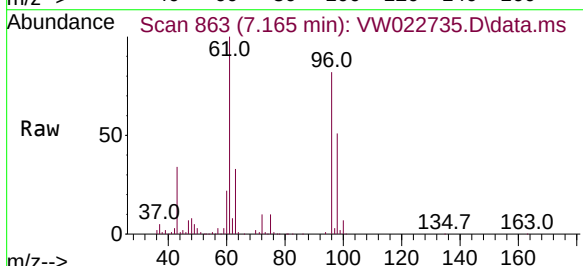
Tgt Ion: 96 Resp: 129404

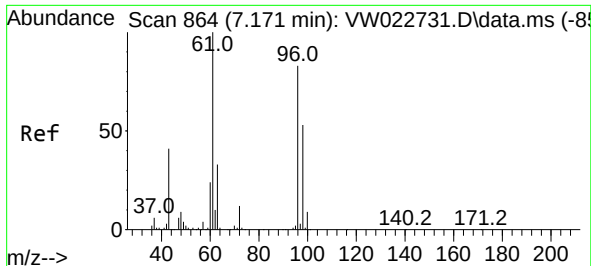
Ion Ratio Lower Upper

96 100

61 122.1 84.2 156.4

68 0.0 0.1 0.1#

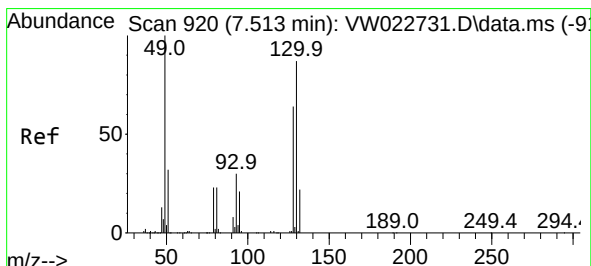
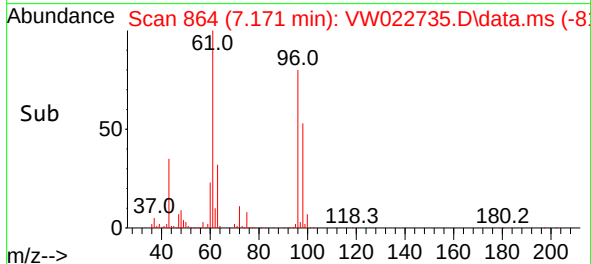
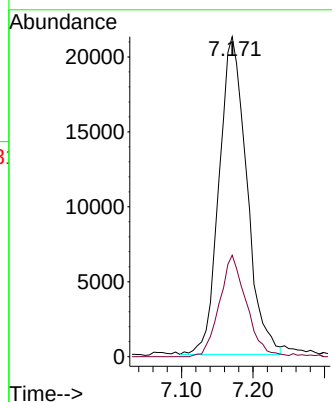
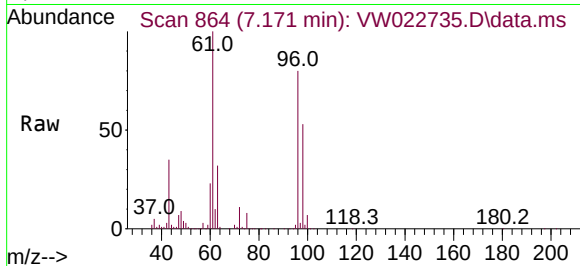




#22
2-Butanone
Concen: 38.737 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

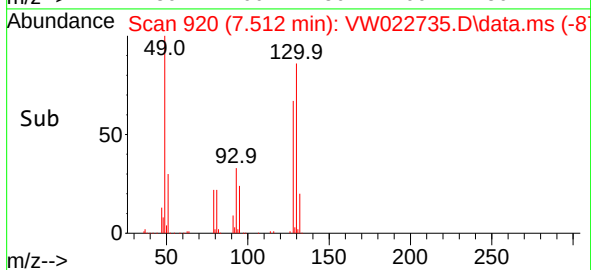
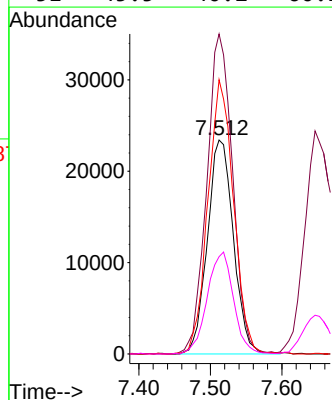
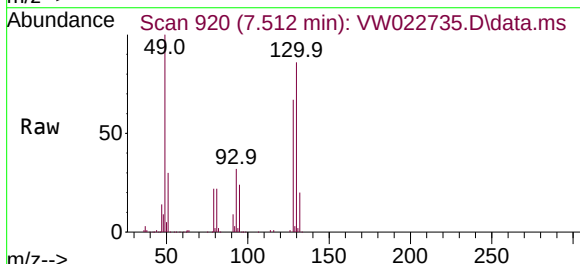
Instrument :
MSVOA_W
ClientSampleId :

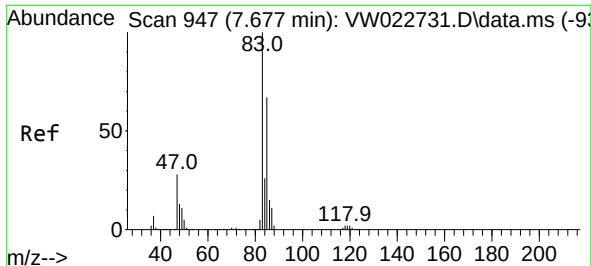
Tgt Ion: 43 Resp: 56888
Ion Ratio Lower Upper
43 100
72 29.9 15.1 45.3



#23
Bromochloromethane
Concen: 22.692 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion: 128 Resp: 59155
Ion Ratio Lower Upper
128 100
49 149.6 110.0 204.4
130 128.2 94.8 176.0
51 45.5 40.2 60.2

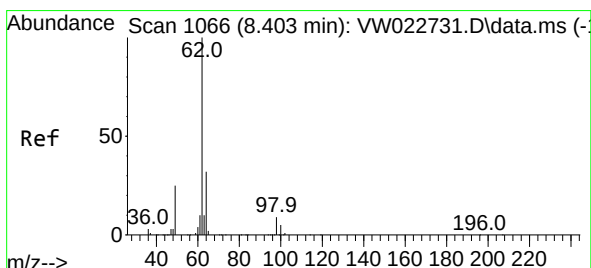
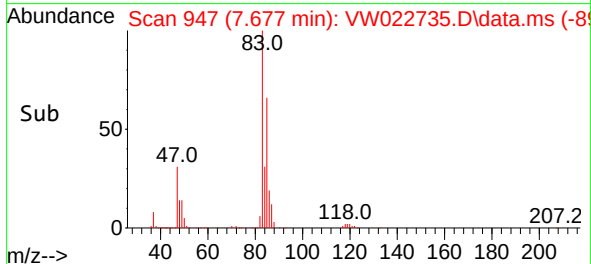
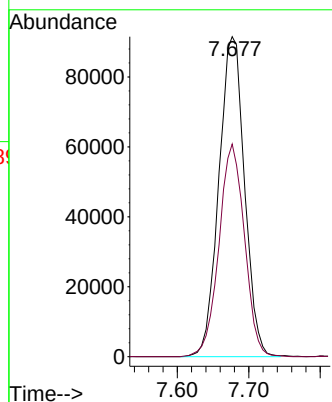
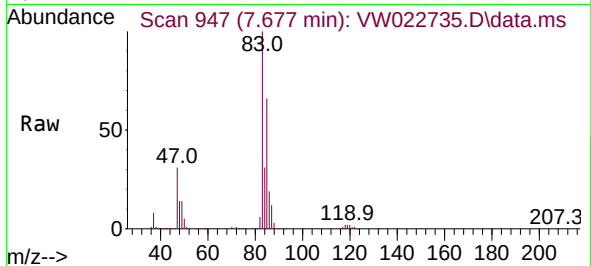




#25
Chloroform
Concen: 23.452 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

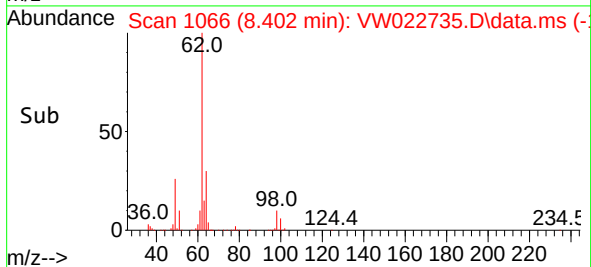
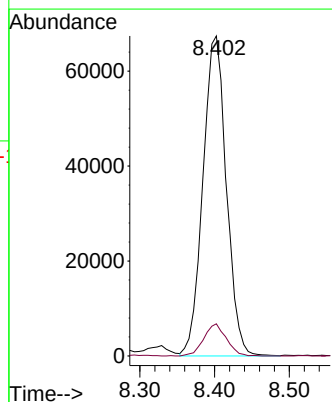
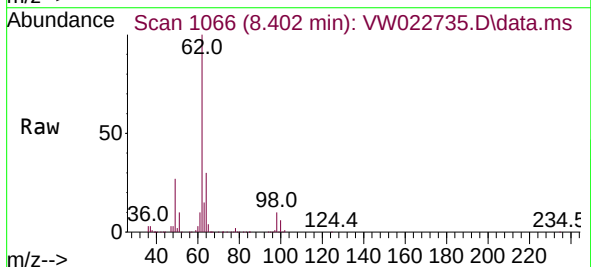
Instrument :
MSVOA_W
ClientSampleId :

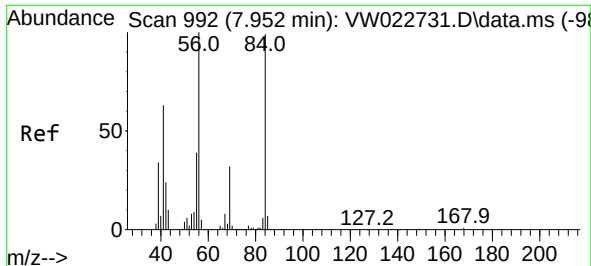
Tgt Ion: 83 Resp: 227770
Ion Ratio Lower Upper
83 100
85 66.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.712 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion: 62 Resp: 147038
Ion Ratio Lower Upper
62 100
98 10.1 7.2 10.8





#29

Cyclohexane

Concen: 23.505 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

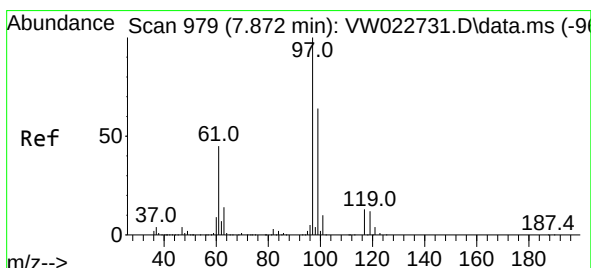
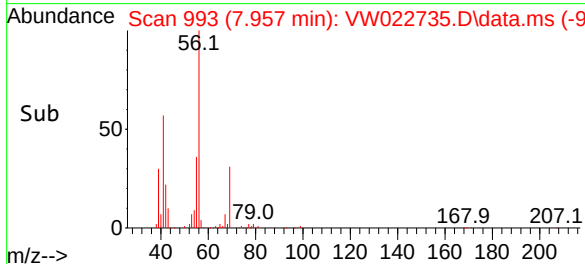
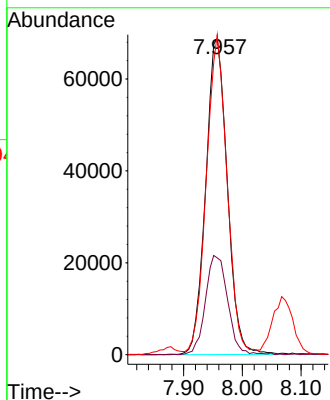
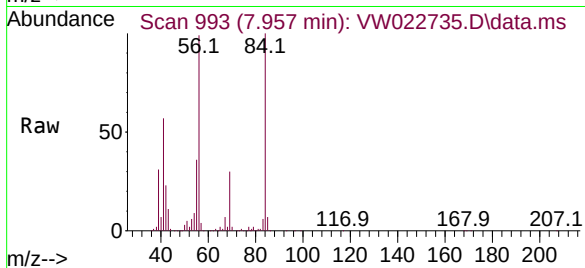
Tgt Ion: 56 Resp: 175931

Ion Ratio Lower Upper

56 100

69 31.9 25.6 38.4

84 97.2 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.364 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

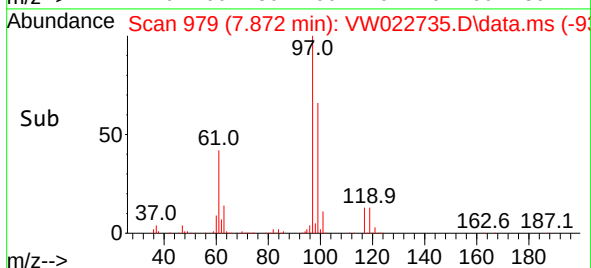
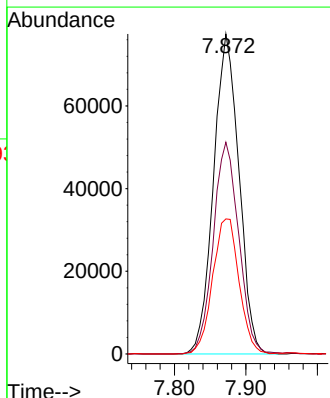
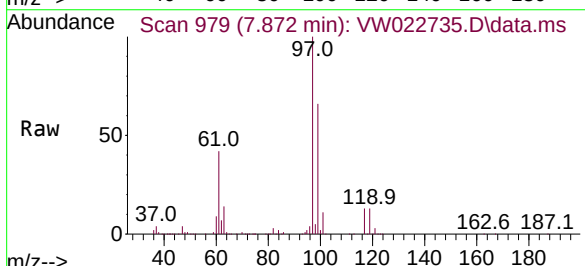
Tgt Ion: 97 Resp: 191087

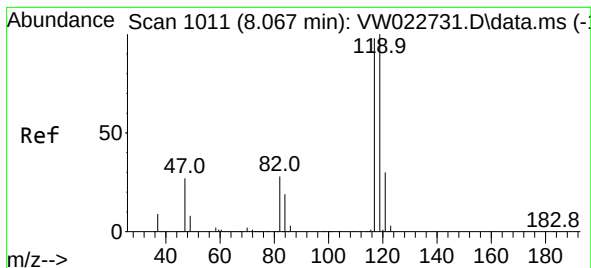
Ion Ratio Lower Upper

97 100

99 66.5 51.0 76.4

61 43.9 34.8 52.2





#31

Carbon tetrachloride

Concen: 23.112 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

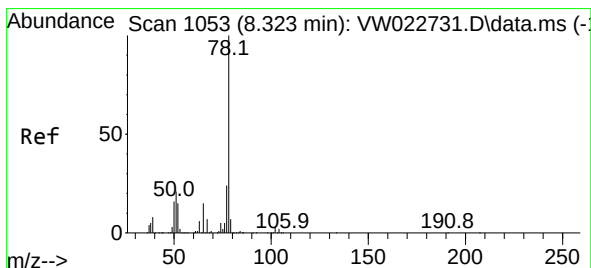
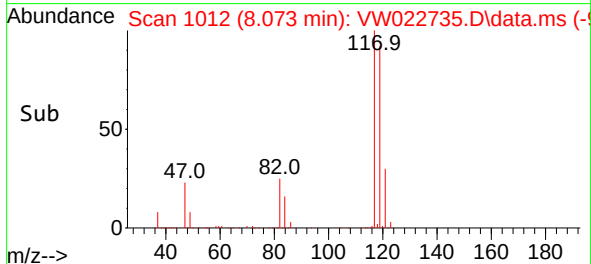
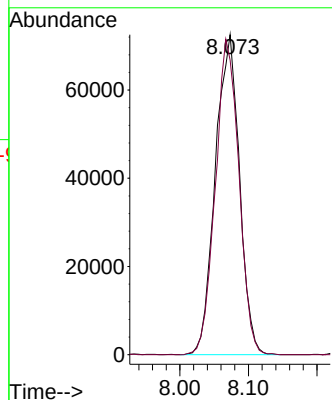
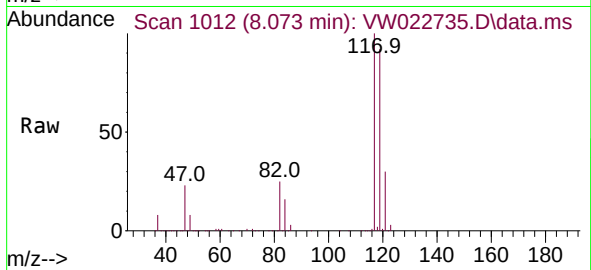
ClientSampleId :

Tgt Ion:117 Resp: 176816

Ion Ratio Lower Upper

117 100

119 96.5 76.6 115.0



#33

Benzene

Concen: 23.577 ug/L

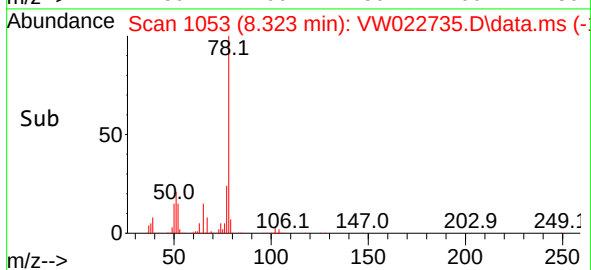
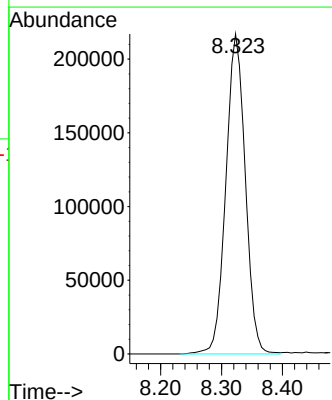
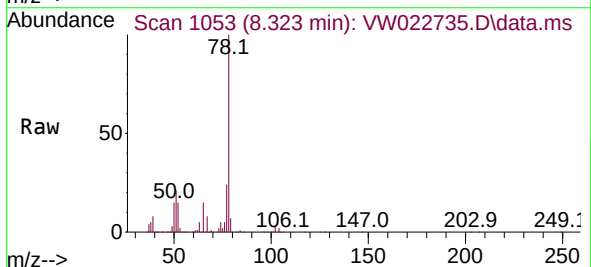
RT: 8.323 min Scan# 1053

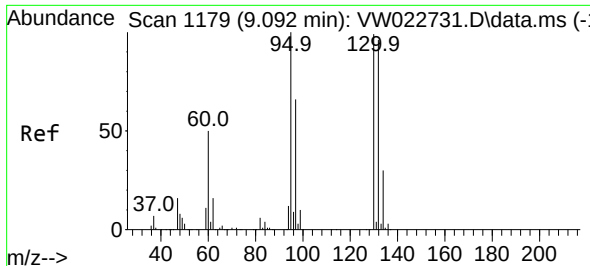
Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

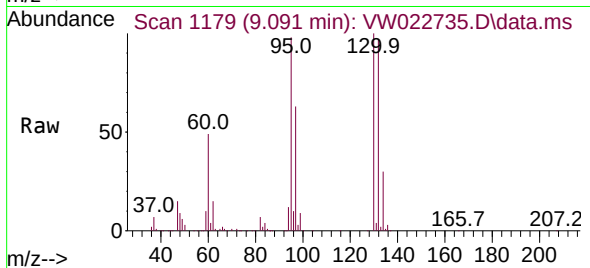
Tgt Ion: 78 Resp: 480690



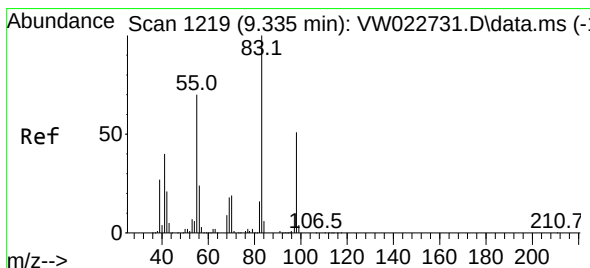
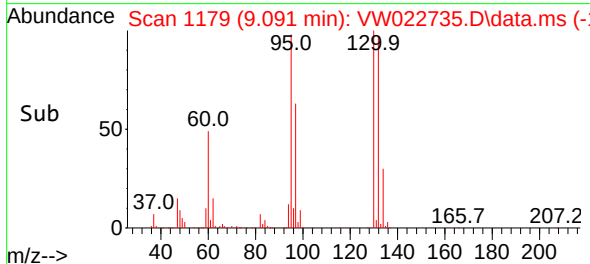
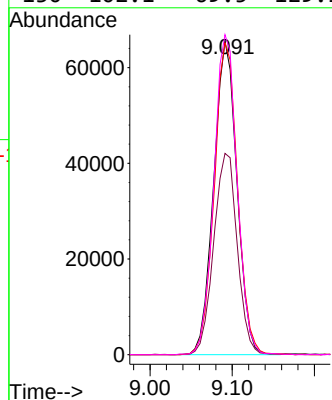


#34
 Trichloroethene
 Concen: 22.914 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

Instrument :
 MSVOA_W
 ClientSampleId :

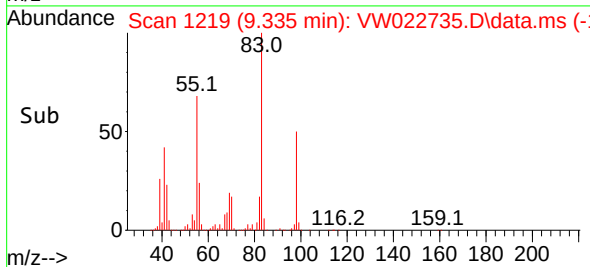
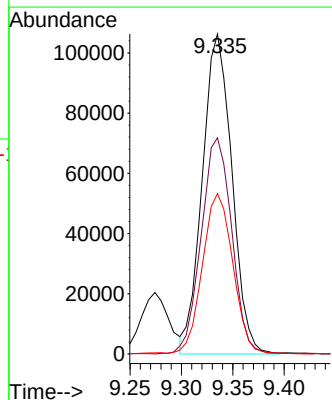
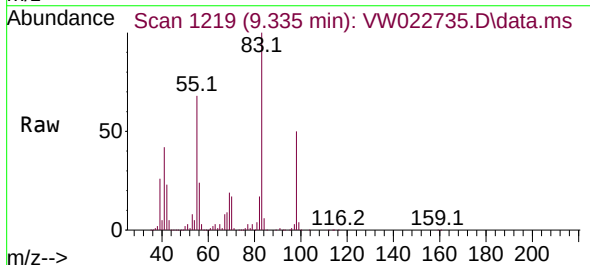


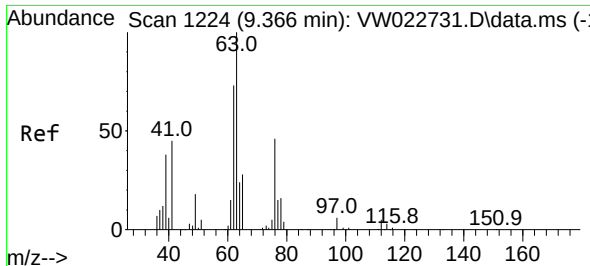
Tgt Ion: 95 Resp: 128478
 Ion Ratio Lower Upper
 95 100
 97 64.2 46.1 85.7
 132 99.5 66.9 124.3
 130 102.1 69.5 129.1



#35
 Methylcyclohexane
 Concen: 23.124 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VW022735.D
 Acq: 02 May 2022 12:46

Tgt Ion: 83 Resp: 212994
 Ion Ratio Lower Upper
 83 100
 55 69.6 55.1 82.7
 98 51.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.490 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

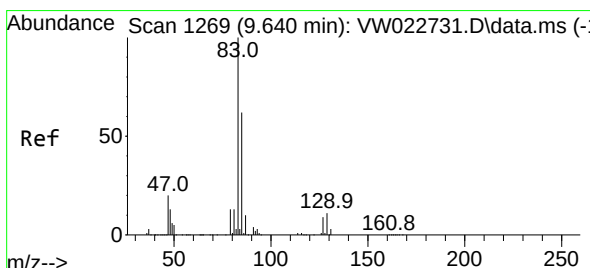
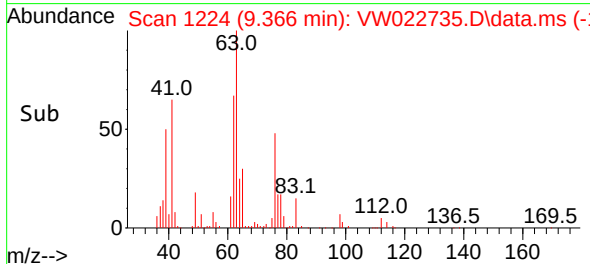
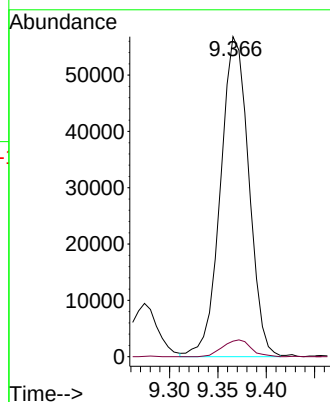
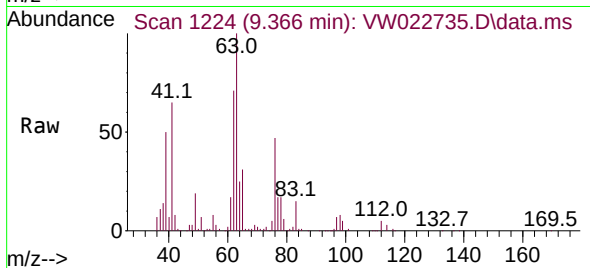
ClientSampleId :

Tgt Ion: 63 Resp: 115896

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 23.638 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

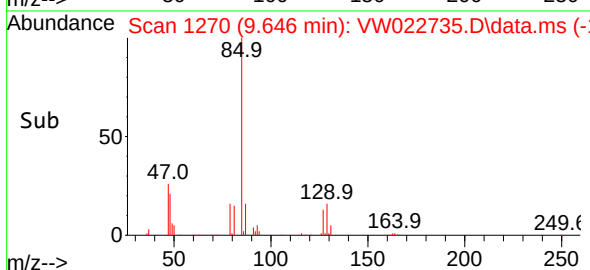
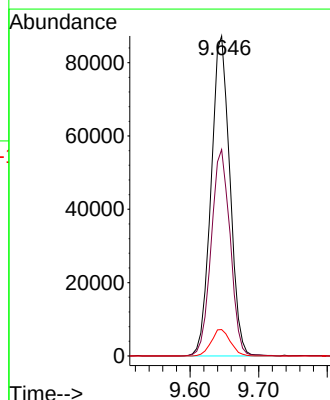
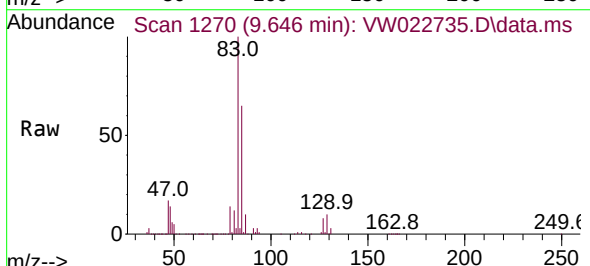
Tgt Ion: 83 Resp: 165653

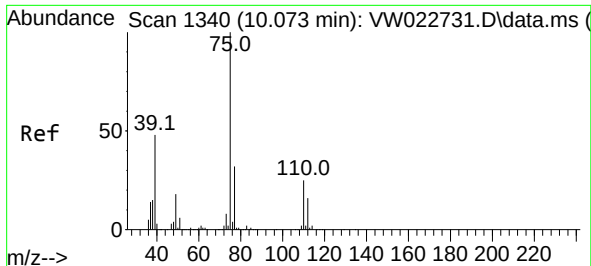
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7

127 8.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.354 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

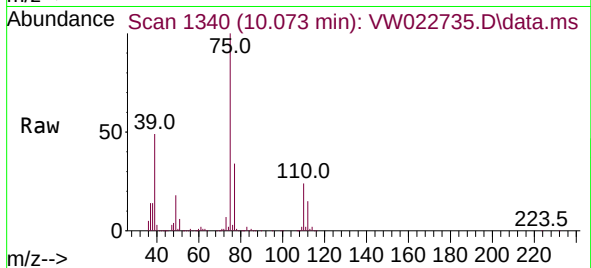
Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

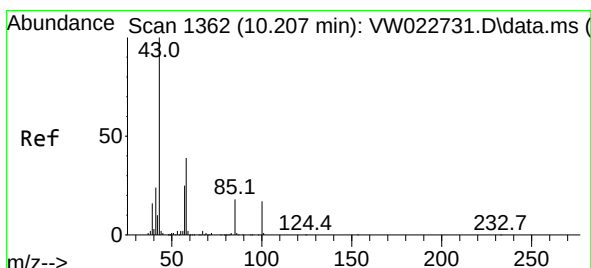
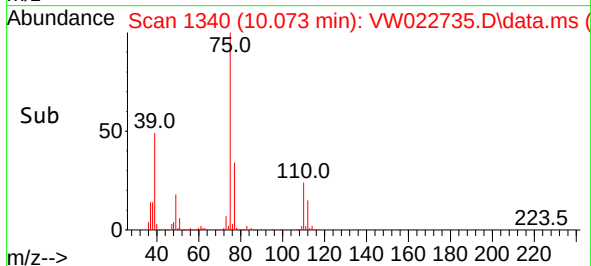
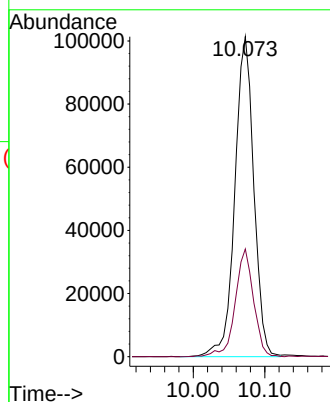


Tgt Ion: 75 Resp: 186312

Ion Ratio Lower Upper

75 100

77 33.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 41.932 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

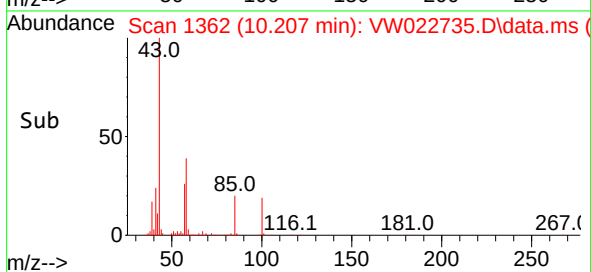
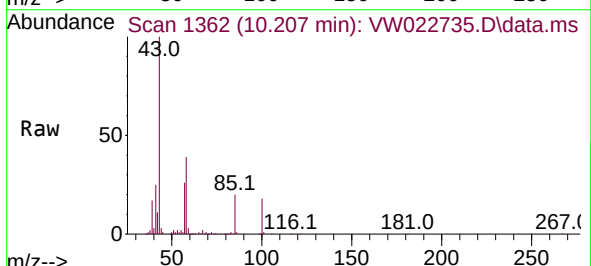
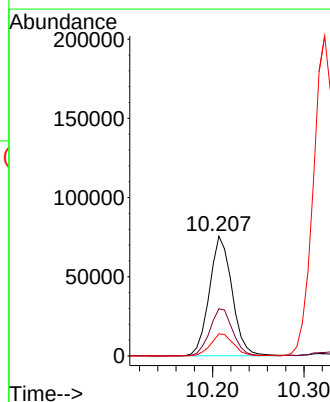
Tgt Ion: 43 Resp: 130399

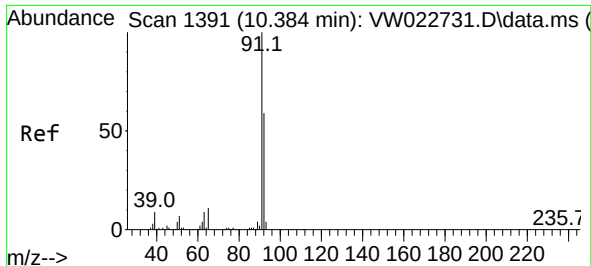
Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2

100 18.6 14.2 21.4

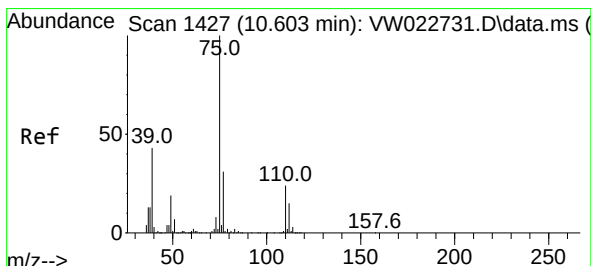
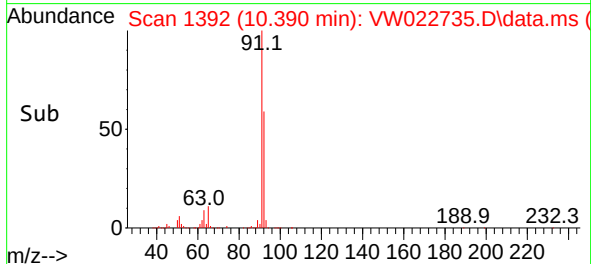
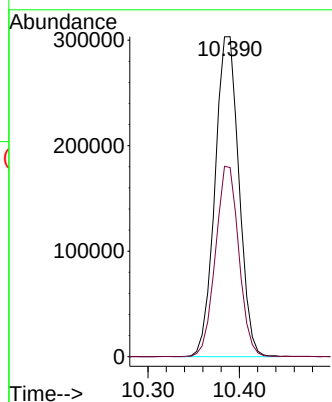
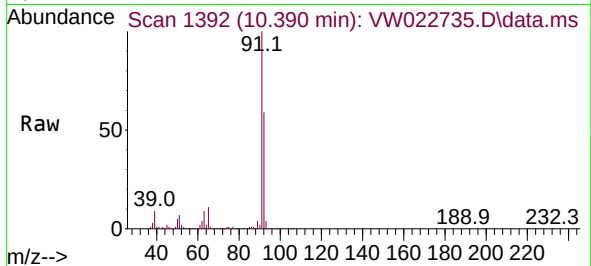




#42
Toluene
Concen: 24.175 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

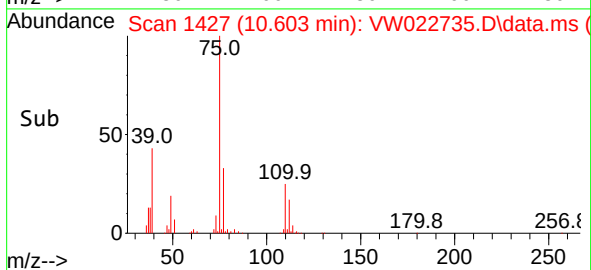
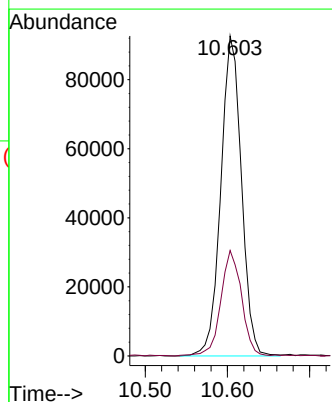
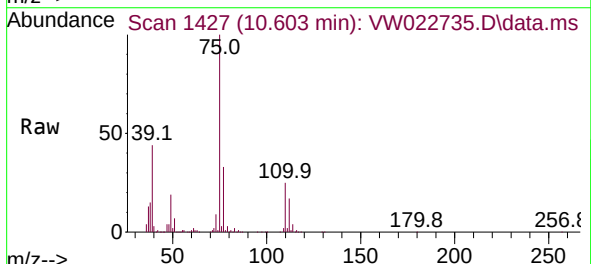
Instrument :
MSVOA_W
ClientSampleId :

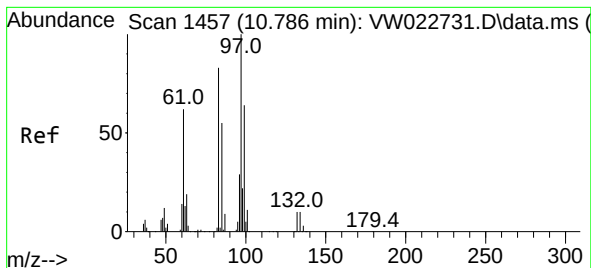
Tgt Ion: 91 Resp: 552357
Ion Ratio Lower Upper
91 100
92 59.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.686 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion: 75 Resp: 161735
Ion Ratio Lower Upper
75 100
77 33.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.751 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

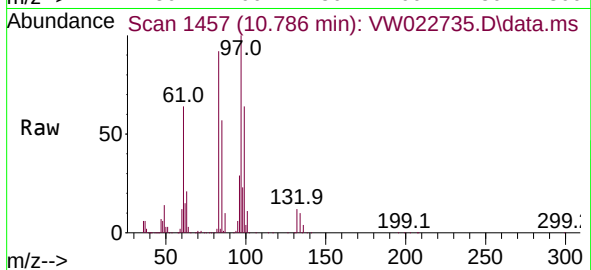
Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 93835

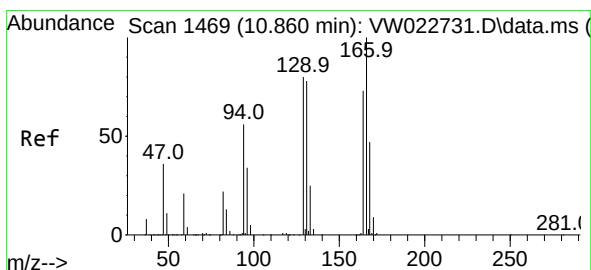
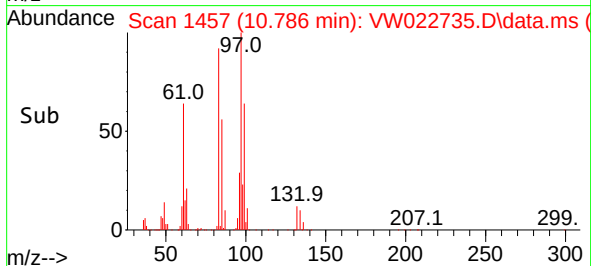
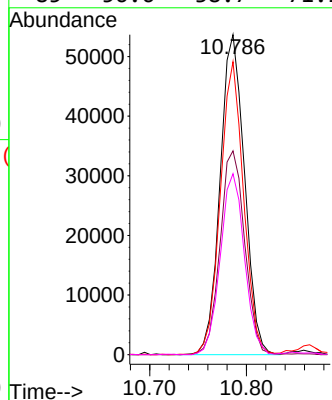
Ion Ratio Lower Upper

97 100

99 63.7 44.7 82.9

83 91.6 58.4 108.4

85 56.6 38.7 71.9



#46

Tetrachloroethene

Concen: 24.406 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Tgt Ion:164 Resp: 102838

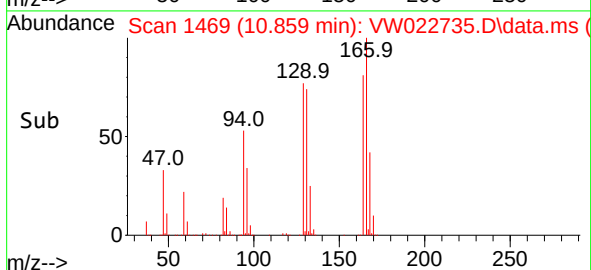
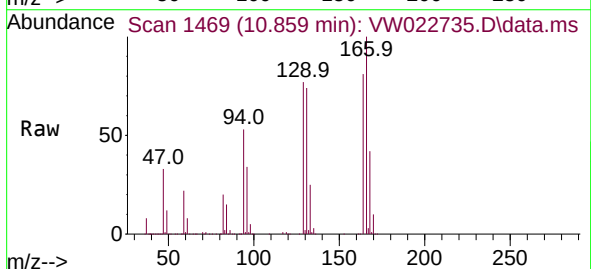
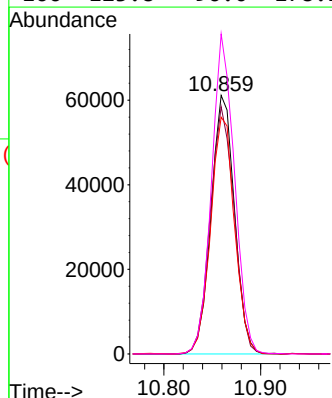
Ion Ratio Lower Upper

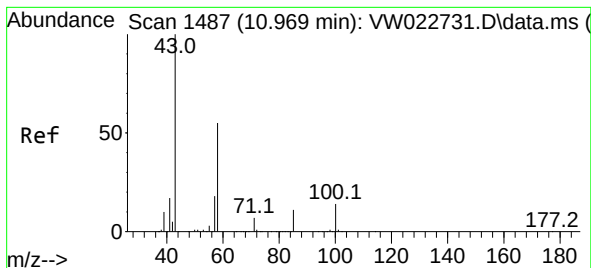
164 100

129 95.6 76.9 142.7

131 91.6 75.1 139.5

166 123.8 96.0 178.2





#48

2-Hexanone

Concen: 42.251 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

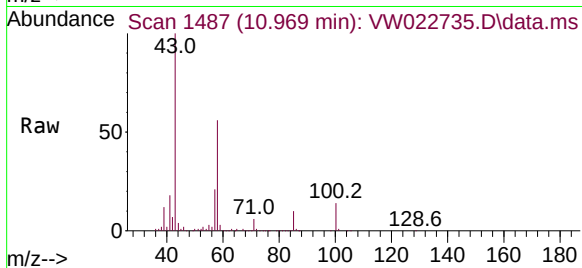
Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 87789

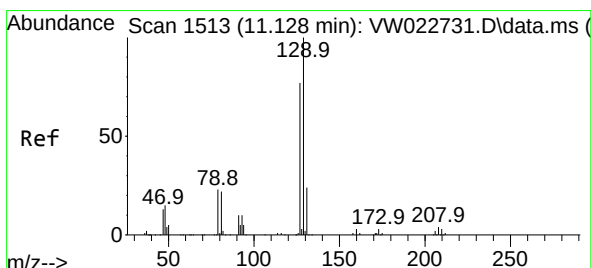
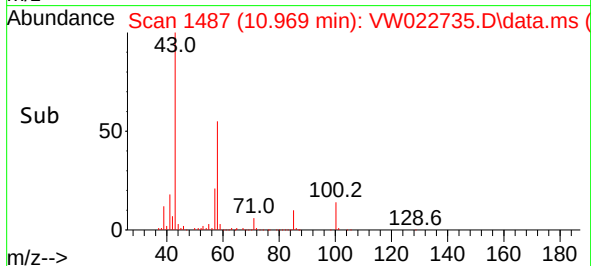
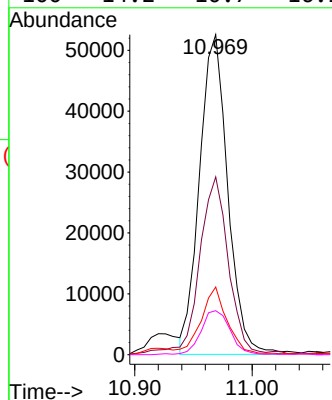
Ion Ratio Lower Upper

43 100

58 57.3 45.9 68.9

57 18.8 16.2 24.2

100 14.2 10.7 16.1



#49

Dibromochloromethane

Concen: 23.323 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022735.D

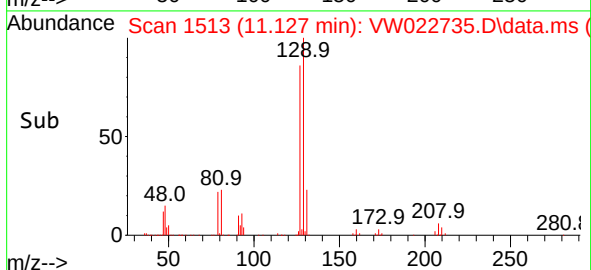
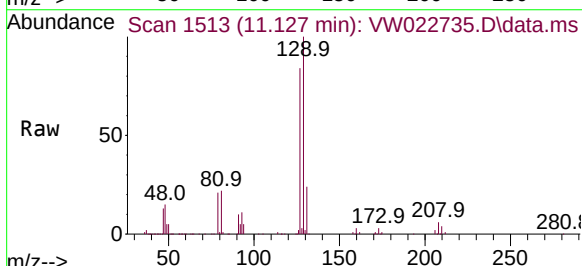
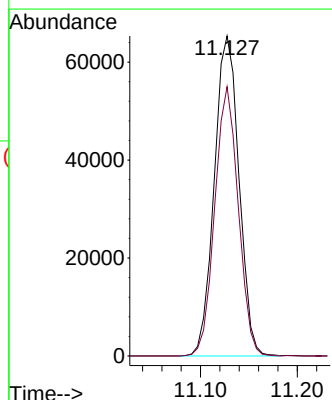
Acq: 02 May 2022 12:46

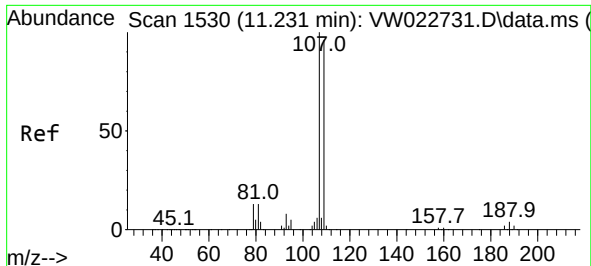
Tgt Ion: 129 Resp: 115779

Ion Ratio Lower Upper

129 100

127 84.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 22.748 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022735.D

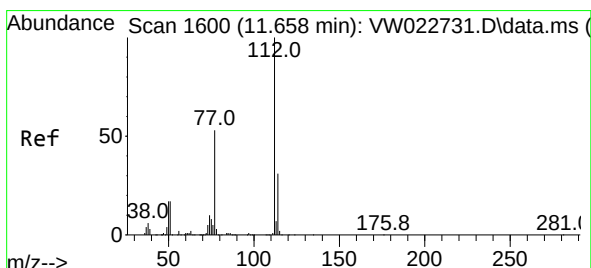
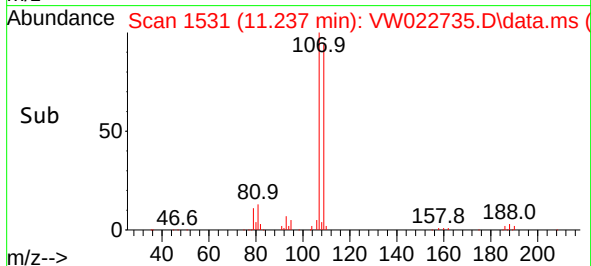
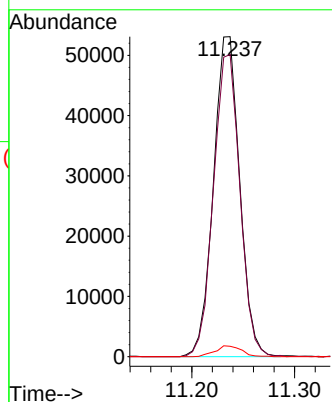
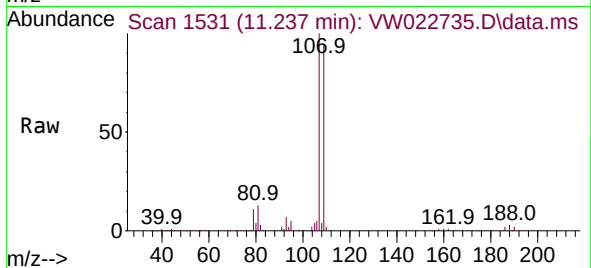
Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	94210
Ion Ratio	Lower	Upper
107	100	
109	94.4	67.5 125.4
188	3.2	2.9 4.3



#51

Chlorobenzene

Concen: 23.988 ug/L

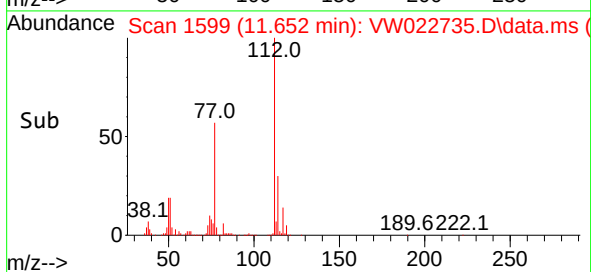
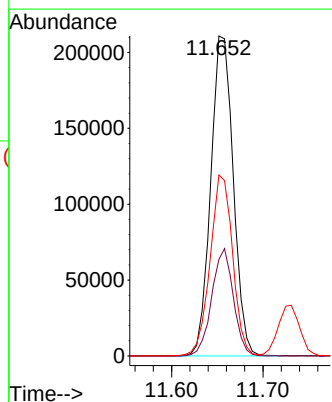
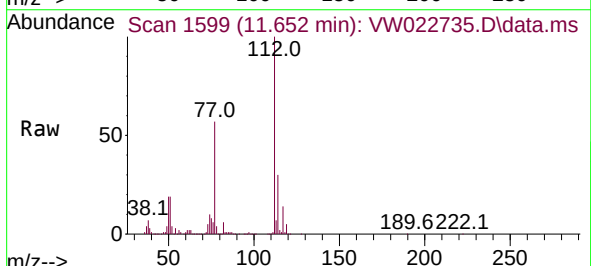
RT: 11.652 min Scan# 1599

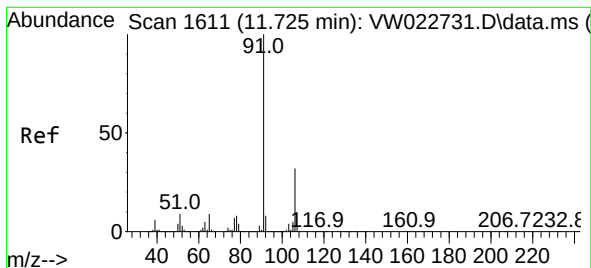
Delta R.T. -0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Tgt Ion:112	Resp:	361342
Ion Ratio	Lower	Upper
112	100	
114	30.2	22.0 41.0
77	56.5	42.6 63.8

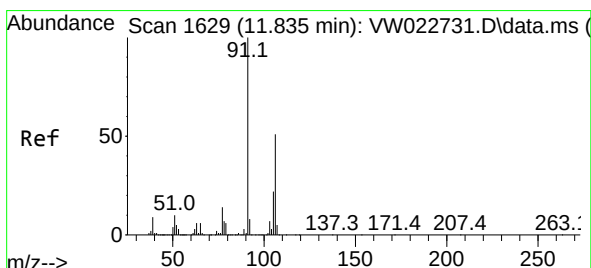
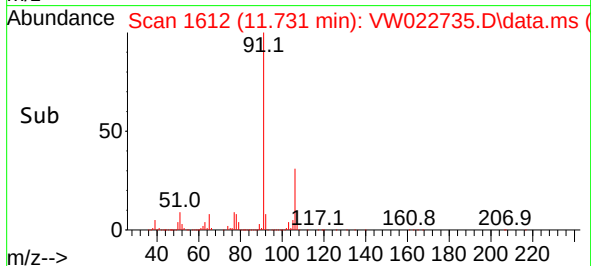
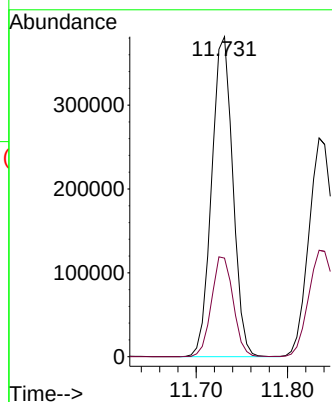
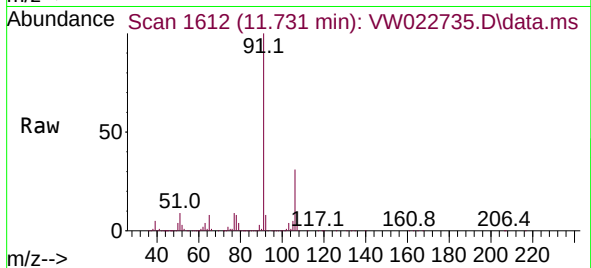




#52
Ethylbenzene
Concen: 24.102 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

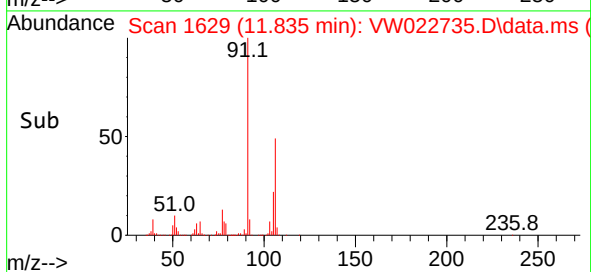
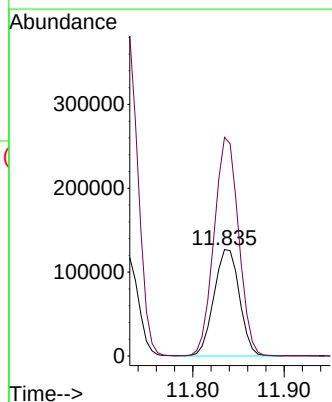
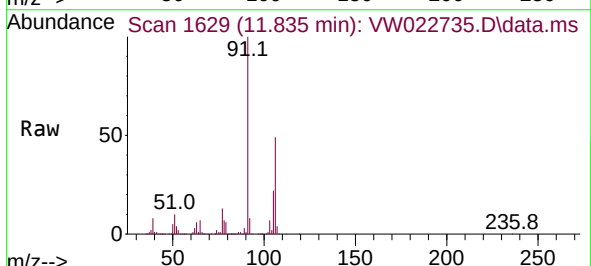
Instrument :
MSVOA_W
ClientSampleId :

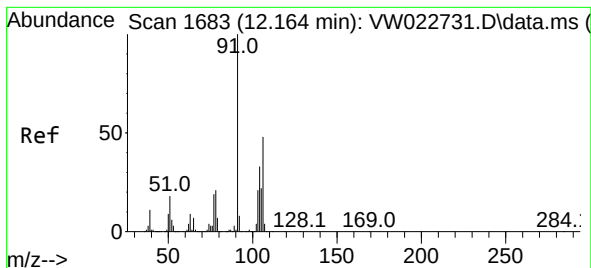
Tgt Ion: 91 Resp: 612656
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3



#53
m,p-Xylene
Concen: 24.526 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion: 106 Resp: 245646
Ion Ratio Lower Upper
106 100
91 205.5 136.8 254.0





#54

o-Xylene

Concen: 24.678 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

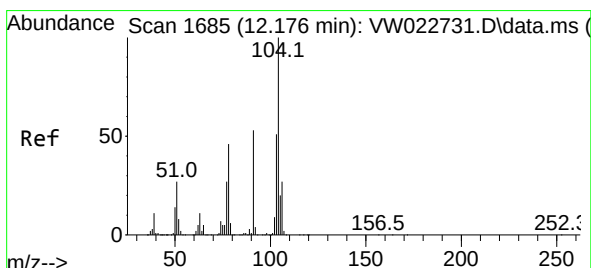
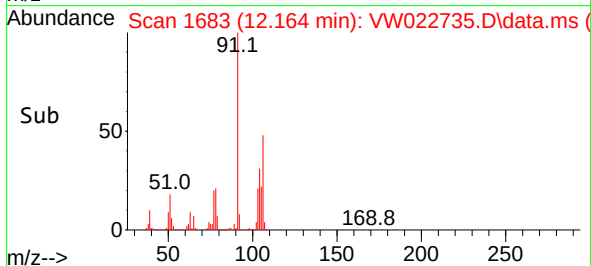
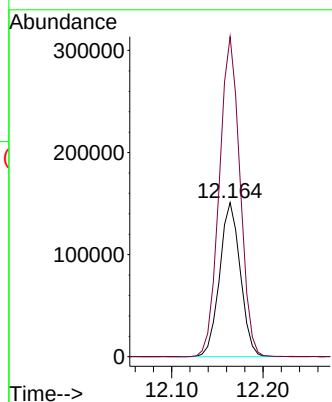
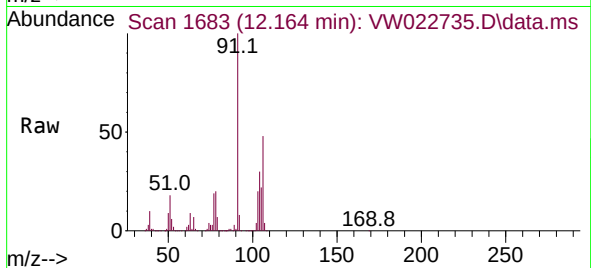
ClientSampleId :

Tgt Ion:106 Resp: 237195

Ion Ratio Lower Upper

106 100

91 207.6 147.2 273.4



#55

Styrene

Concen: 24.950 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022735.D

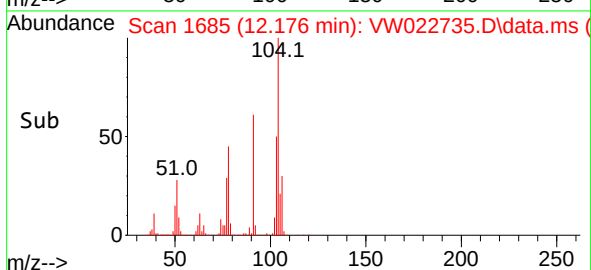
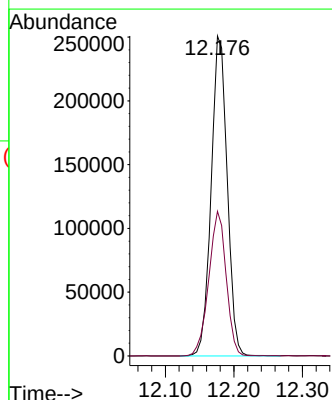
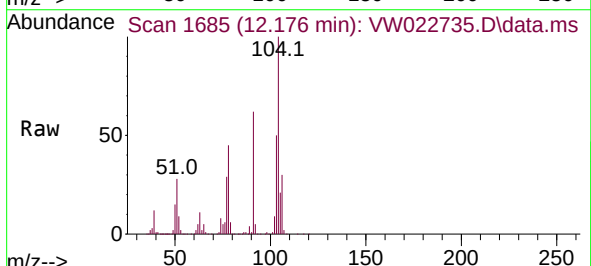
Acq: 02 May 2022 12:46

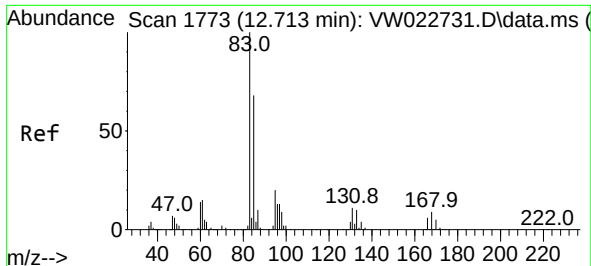
Tgt Ion:104 Resp: 407488

Ion Ratio Lower Upper

104 100

78 45.2 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.770 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

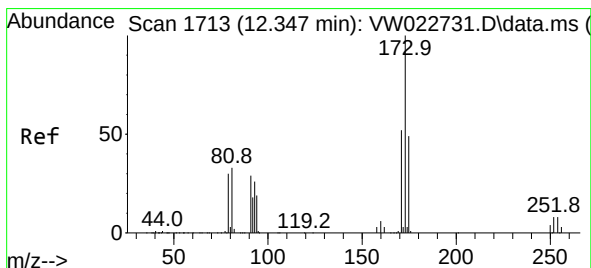
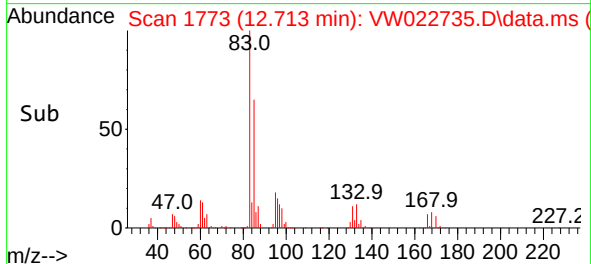
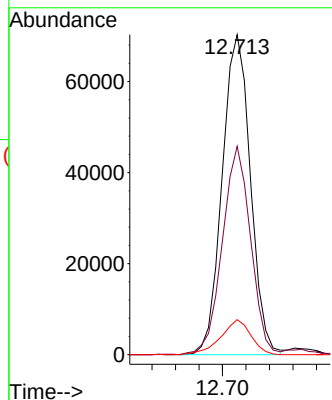
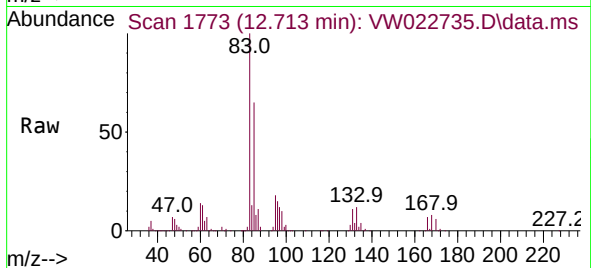
Tgt Ion: 83 Resp: 117301

Ion Ratio Lower Upper

83 100

85 65.1 47.5 88.1

131 11.0 8.7 13.1



#59

Bromoform

Concen: 22.657 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

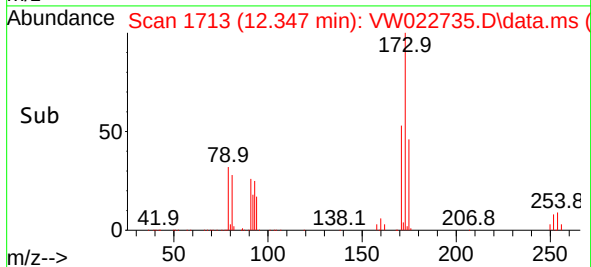
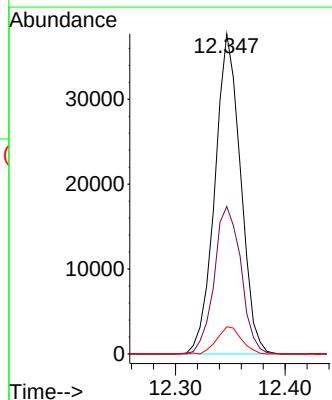
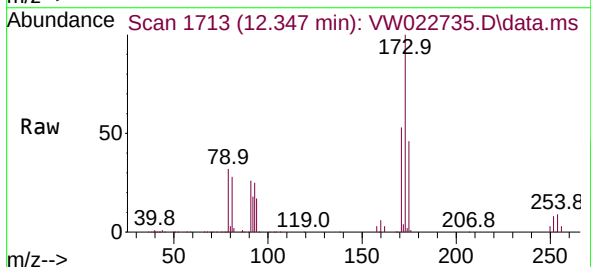
Tgt Ion:173 Resp: 61565

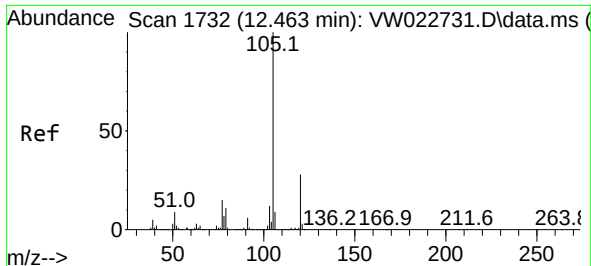
Ion Ratio Lower Upper

173 100

175 47.9 38.1 57.1

254 8.1 6.5 9.7

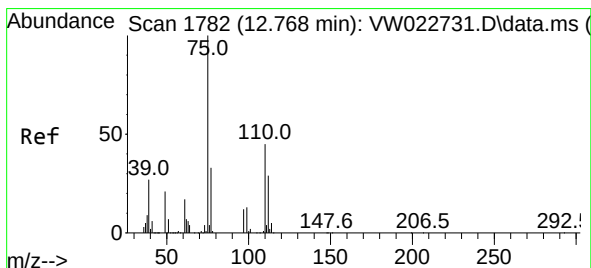
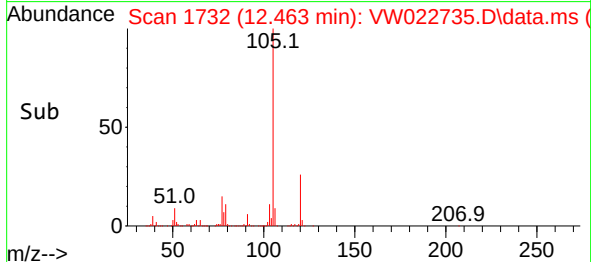
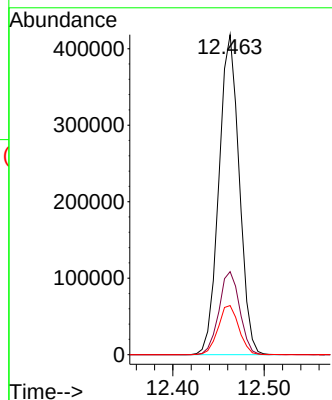
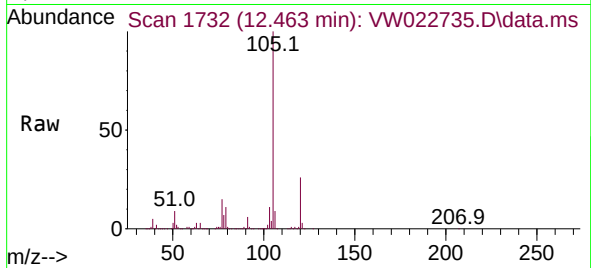




#60
Isopropylbenzene
Concen: 24.616 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

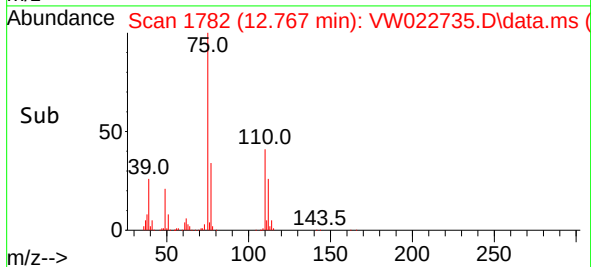
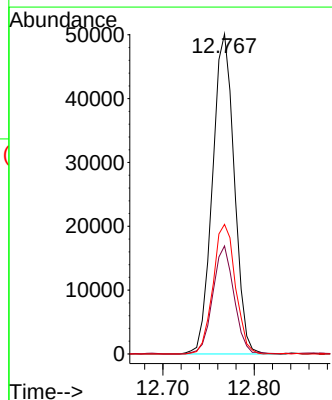
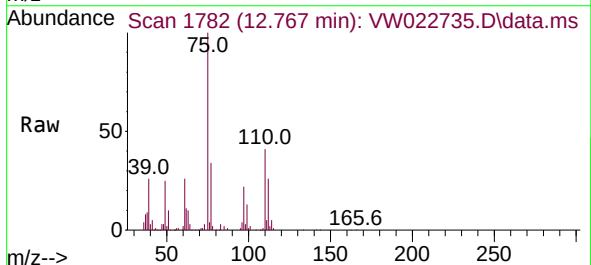
Instrument :
MSVOA_W
ClientSampleId :

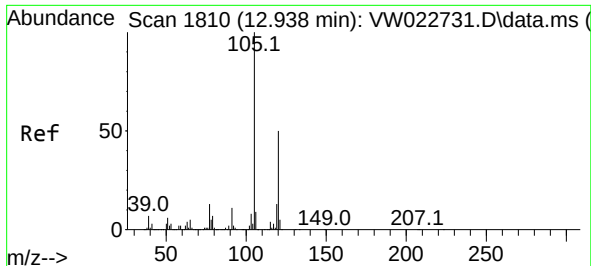
Tgt Ion:105 Resp: 646608
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.681 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

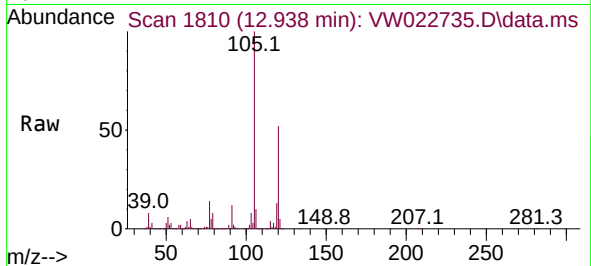
Tgt Ion: 75 Resp: 83063
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 41.6 34.1 51.1



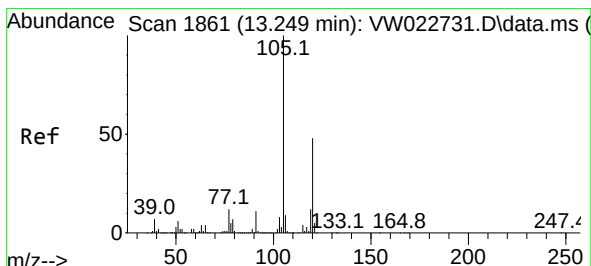
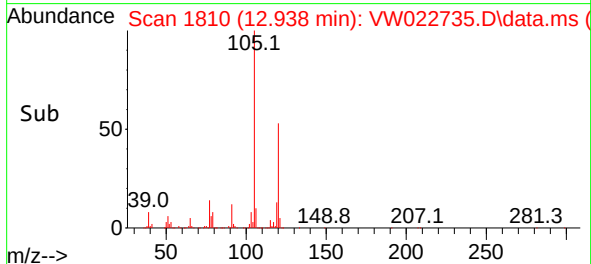
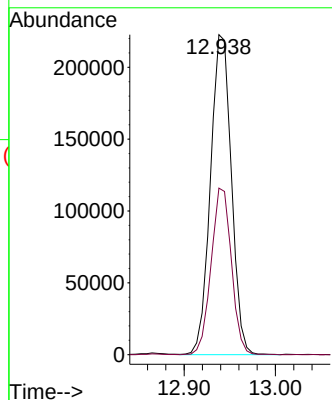


#62
1,3,5-Trimethylbenzene
Concen: 24.205 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Instrument :
MSVOA_W
ClientSampleId :

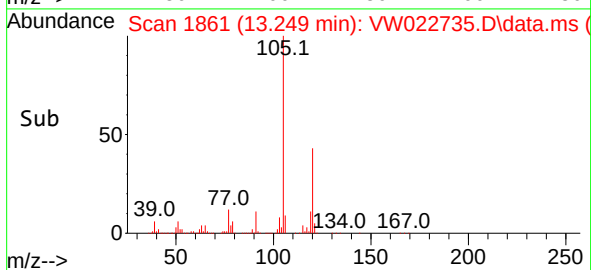
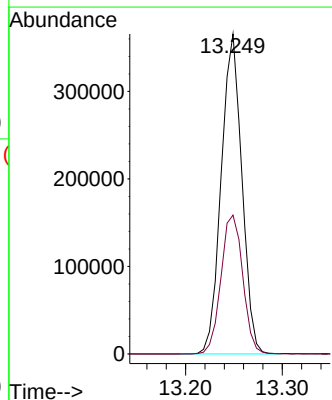
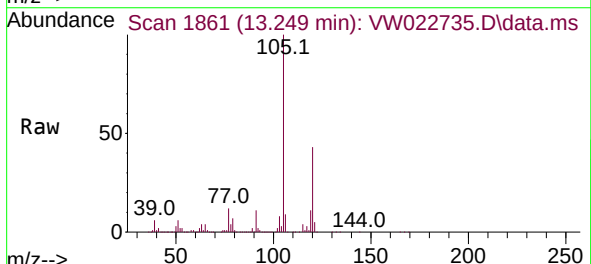


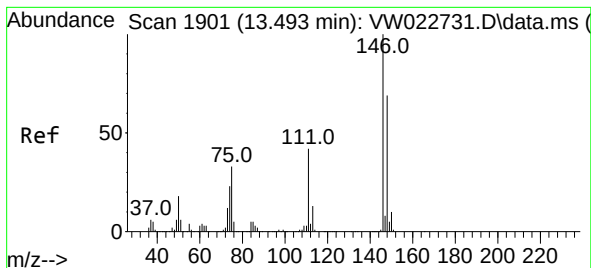
Tgt Ion:105 Resp: 353730
Ion Ratio Lower Upper
105 100
120 50.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.679 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022735.D
Acq: 02 May 2022 12:46

Tgt Ion:105 Resp: 541527
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 24.390 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

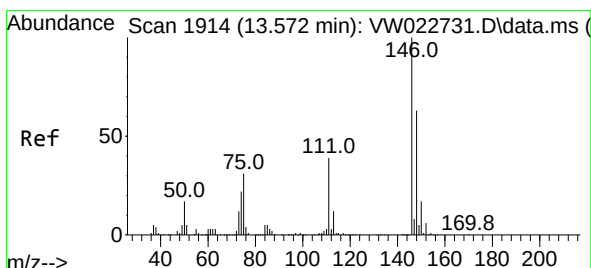
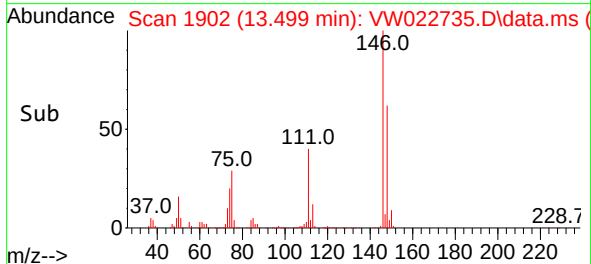
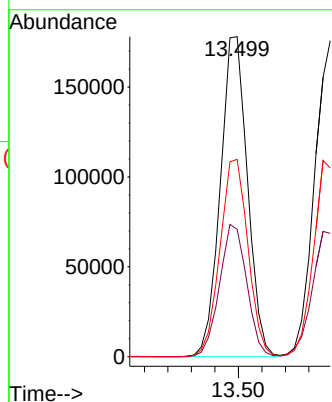
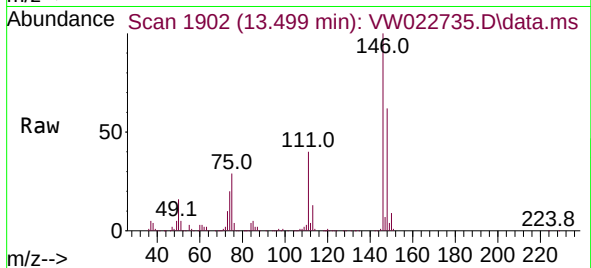
Tgt Ion:146 Resp: 286038

Ion Ratio Lower Upper

146 100

111 39.8 29.5 54.9

148 61.6 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 22.812 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

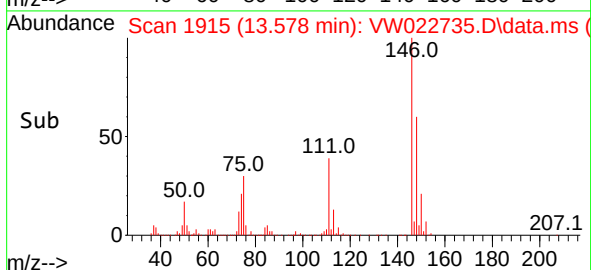
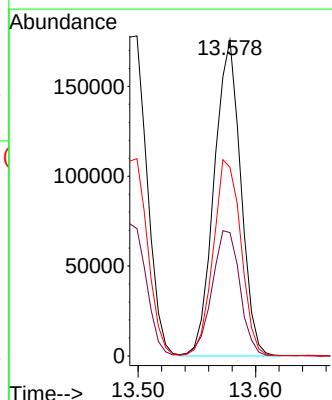
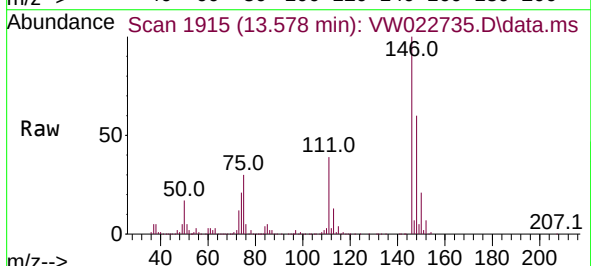
Tgt Ion:146 Resp: 276336

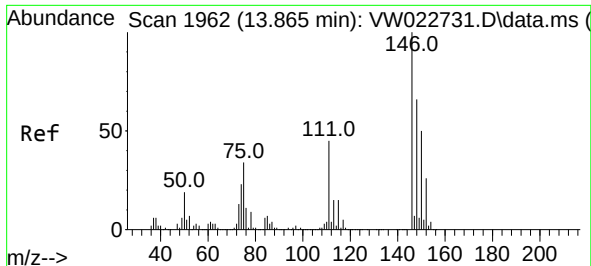
Ion Ratio Lower Upper

146 100

111 39.0 27.2 50.4

148 59.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.732 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

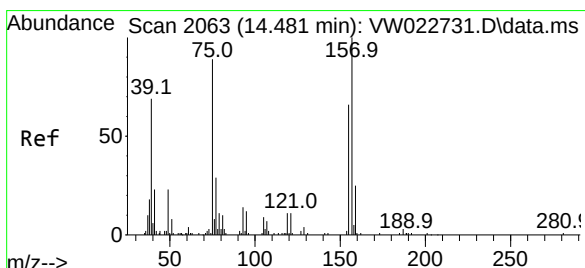
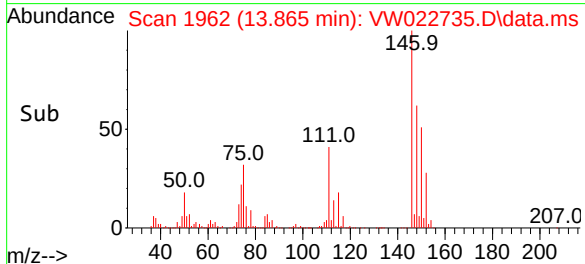
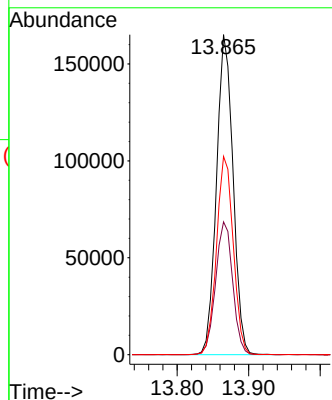
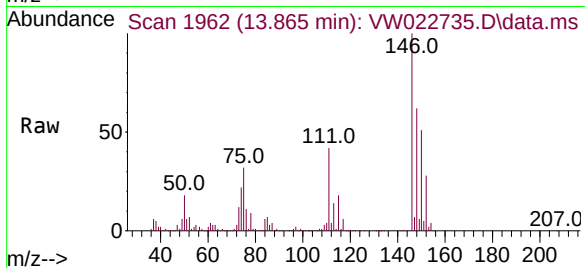
Tgt Ion:146 Resp: 265421

Ion Ratio Lower Upper

146 100

111 41.5 35.7 53.5

148 62.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.723 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

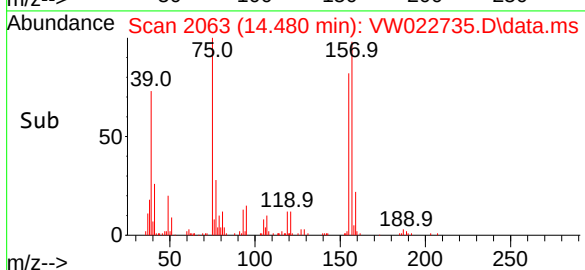
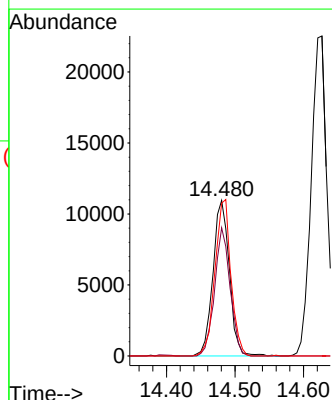
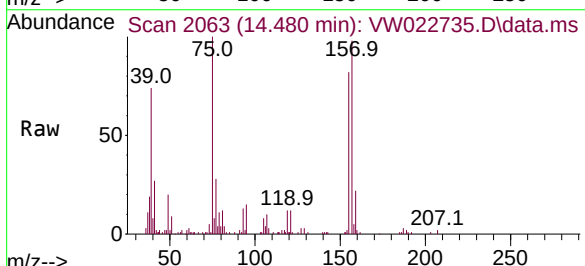
Tgt Ion: 75 Resp: 18189

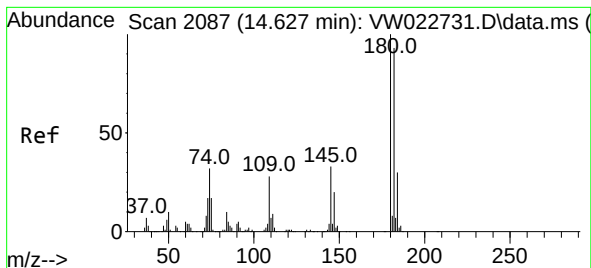
Ion Ratio Lower Upper

75 100

155 82.4 59.3 88.9

157 98.3 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 23.713 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 184602

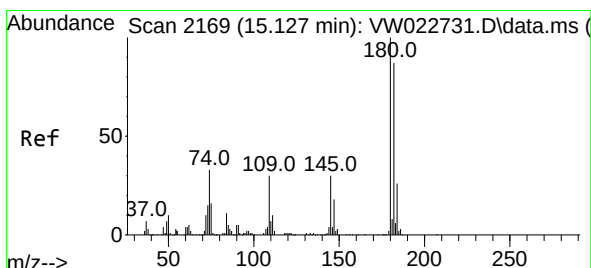
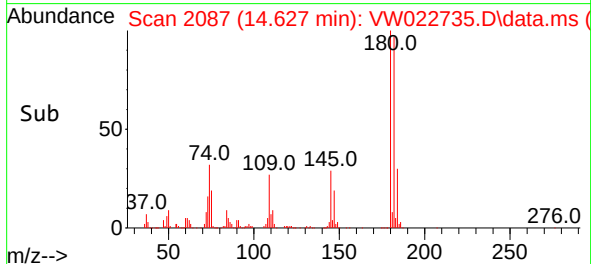
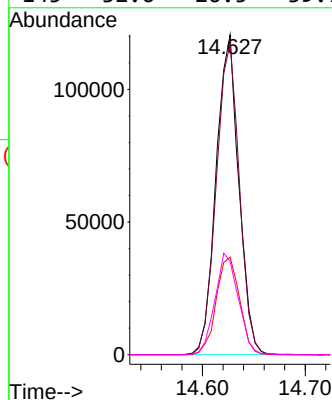
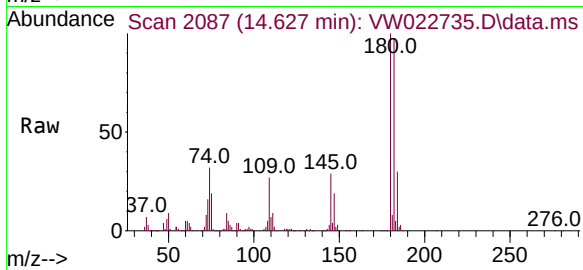
Ion Ratio Lower Upper

180 100

182 98.5 74.8 112.2

184 31.5 23.4 35.2

145 32.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.025 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

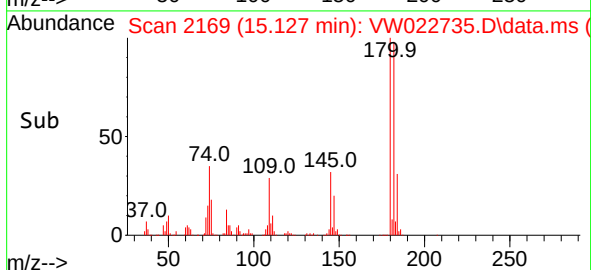
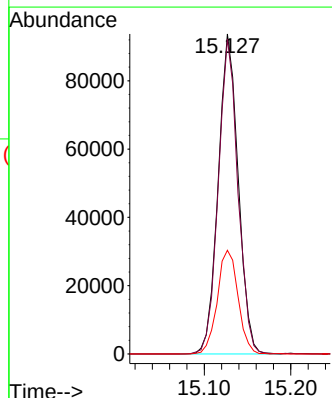
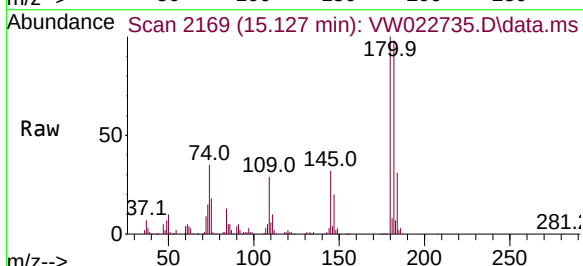
Tgt Ion:180 Resp: 150451

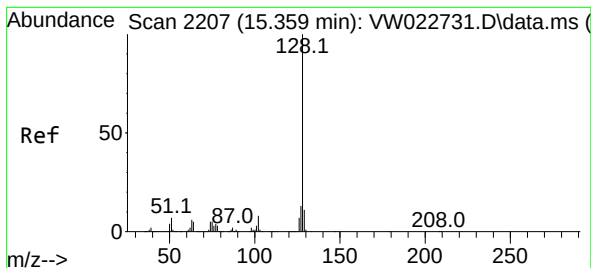
Ion Ratio Lower Upper

180 100

182 96.3 74.9 112.3

145 33.6 26.6 39.8





#71

Naphthalene

Concen: 23.886 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Instrument :

MSVOA_W

ClientSampleId :

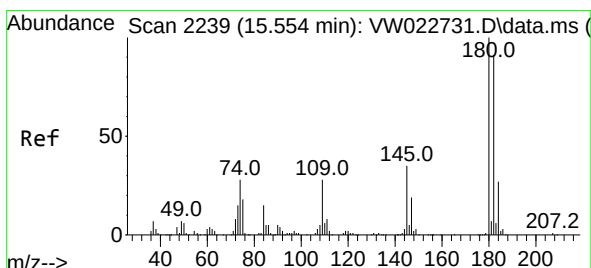
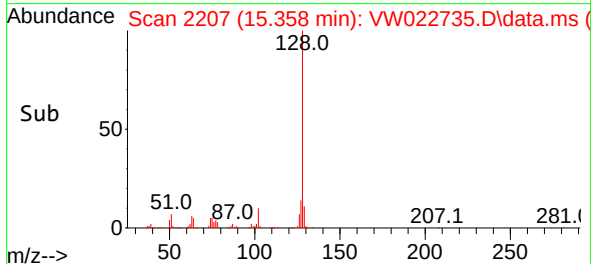
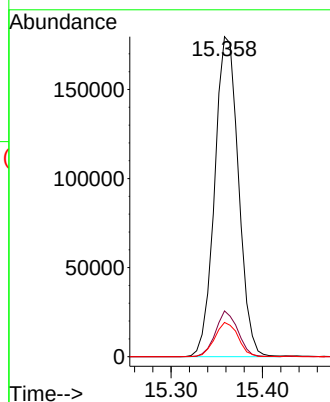
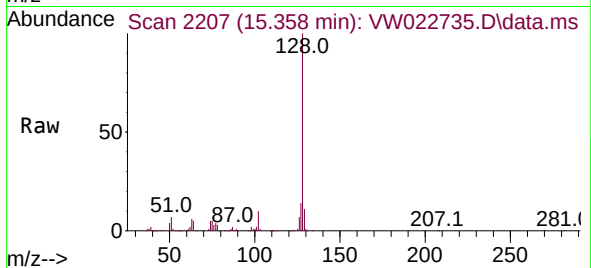
Tgt Ion:128 Resp: 325100

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.251 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022735.D

Acq: 02 May 2022 12:46

Tgt Ion:180 Resp: 129045

Ion Ratio Lower Upper

180 100

182 92.1 73.5 110.3

145 36.6 27.9 41.9

