

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111121\
 Data File : VW020855.D
 Acq On : 11 Nov 2021 18:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 06:18:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 12 06:15:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	204696	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	187162	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	107368	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33145	17.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.880%
7) Chloroethane-d5	2.879	69	29976	27.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	4.019	63	83952	20.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.080	46	38260	59.860	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.720%
24) Chloroform-d	7.646	84	112958	24.835	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	8.305	65	61016	25.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	8.274	84	194984	23.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.240%
36) 1,2-Dichloropropane-d6	9.274	67	63983	24.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.323	98	188777	22.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.579	79	31150	23.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.960%
47) 2-Hexanone-d5	10.920	63	30920	58.369	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	233.480%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	59604	27.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	84034	24.905	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	58584	70.188	ug/L	99
3) Chloromethane	2.215	50	51793	23.714	ug/L	99
5) Vinyl chloride	2.361	62	53548	16.998	ug/L	97
6) Bromomethane	2.769	94	42298	25.944	ug/L	99
8) Chloroethane	2.916	64	30068	25.958	ug/L	96
9) Trichlorofluoromethane	3.251	101	42219	25.268	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	57467	20.913	ug/L	91
12) 1,1-Dichloroethene	4.037	96	52545	20.064	ug/L	77
13) Acetone	4.123	43	44624	75.019	ug/L	96
14) Carbon disulfide	4.379	76	150982	19.100	ug/L	99
15) Methyl Acetate	4.684	43	59197	56.152	ug/L #	57
16) Methylene chloride	4.921	84	55134	18.189	ug/L	85
17) trans-1,2-Dichloroethene	5.421	96	58156	20.891	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	89110	22.622	ug/L	96
19) 1,1-Dichloroethane	6.214	63	101591	21.071	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	62549	21.315	ug/L	83
22) 2-Butanone	7.171	43	36275	45.894	ug/L	92
23) Bromochloromethane	7.512	128	29063	21.462	ug/L #	73
25) Chloroform	7.677	83	107877	21.492	ug/L	99

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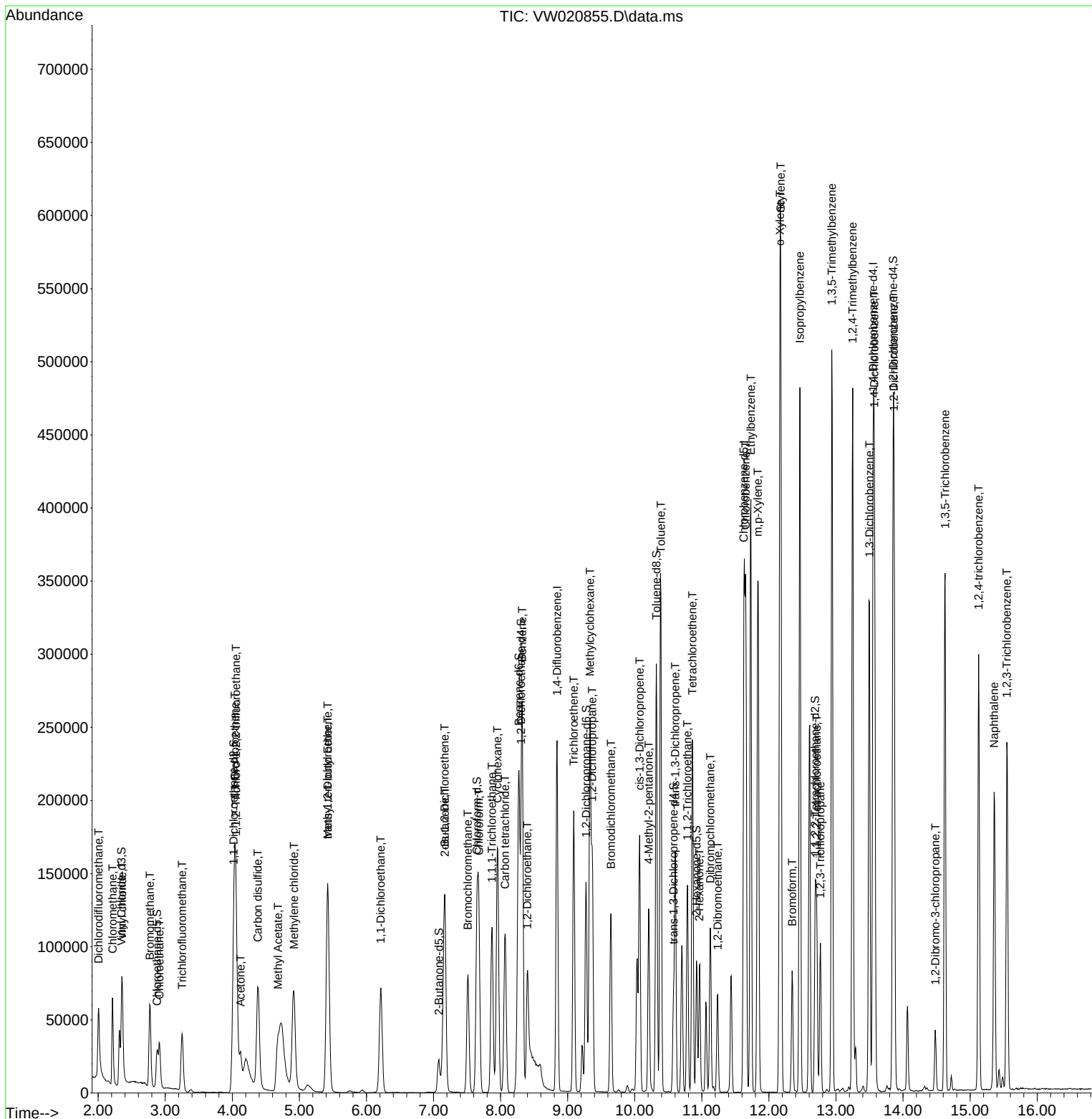
Instrument :
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 ClientSampleId :

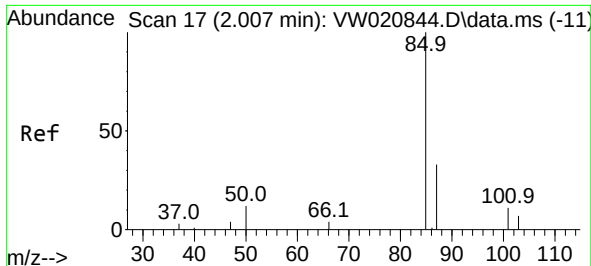
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	70869	21.811	ug/L	98
29) Cyclohexane	7.951	56	95084	19.472	ug/L	90
30) 1,1,1-Trichloroethane	7.872	97	90778	20.410	ug/L	95
31) Carbon tetrachloride	8.067	117	84808	20.037	ug/L	99
33) Benzene	8.323	78	230405	20.555	ug/L	100
34) Trichloroethene	9.091	95	64246	21.533	ug/L	94
35) Methylcyclohexane	9.335	83	104872	20.142	ug/L	91
37) 1,2-Dichloropropane	9.366	63	56080	21.131	ug/L #	97
38) Bromodichloromethane	9.646	83	80465	21.660	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	95759	22.171	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	78570	45.300	ug/L #	94
42) Toluene	10.390	91	258857	21.476	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	85355	21.848	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	44359	22.523	ug/L	94
46) Tetrachloroethene	10.859	164	55690	20.810	ug/L	89
48) 2-Hexanone	10.963	43	55357	43.709	ug/L #	95
49) Dibromochloromethane	11.128	129	58032	21.576	ug/L	93
50) 1,2-Dibromoethane	11.237	107	44548	22.307	ug/L #	99
51) Chlorobenzene	11.652	112	168741	21.704	ug/L	96
52) Ethylbenzene	11.731	91	288326	21.350	ug/L	96
53) m,p-Xylene	11.835	106	115030	21.259	ug/L	85
54) o-Xylene	12.164	106	112060	21.863	ug/L	92
55) Styrene	12.176	104	192449	22.086	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	51918	22.492	ug/L #	97
59) Bromoform	12.347	173	37669	20.742	ug/L	99
60) Isopropylbenzene	12.463	105	306155	20.688	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	38852	21.896	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	261272	20.546	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	260779	20.644	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	145853	21.257	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	143402	20.981	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	128681	21.231	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	9888	22.797	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	115521	21.211	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	96816	21.324	ug/L	96
71) Naphthalene	15.359	128	176574	23.009	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	83384	21.612	ug/L	97

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

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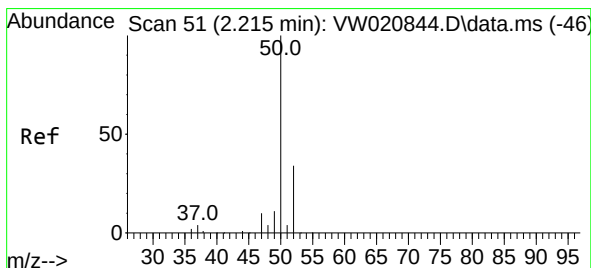
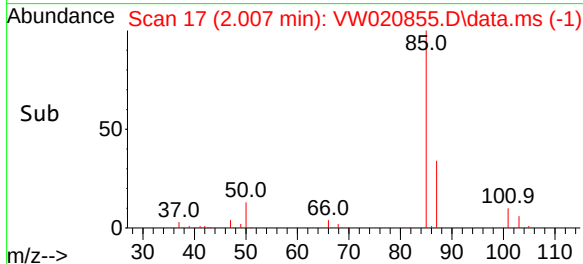
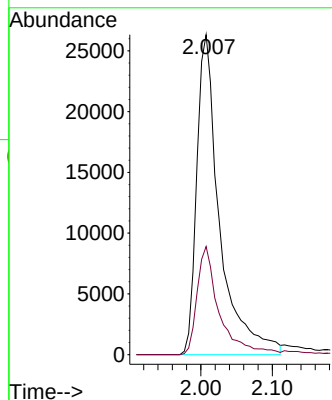
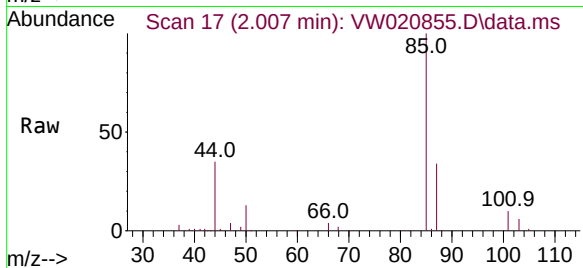




#2
 Dichlorodifluoromethane
 Concen: 70.188 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020855.D
 Acq: 11 Nov 2021 18:46

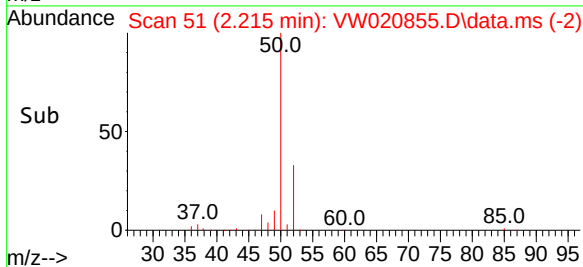
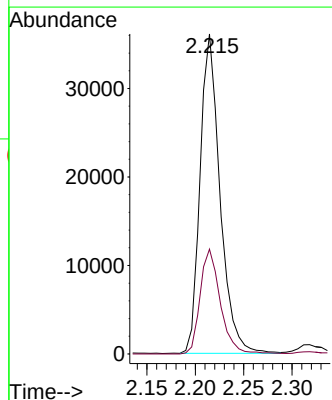
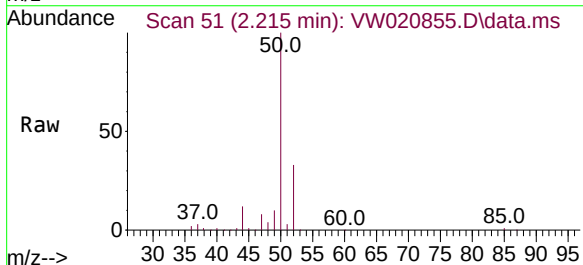
Instrument :
 MSVOA_W
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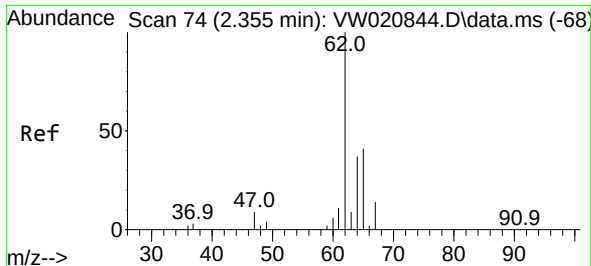
Tgt Ion: 85 Resp: 58584
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.6



#3
 Chloromethane
 Concen: 23.714 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020855.D
 Acq: 11 Nov 2021 18:46

Tgt Ion: 50 Resp: 51793
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.6

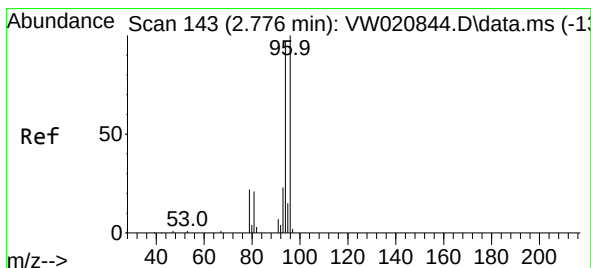
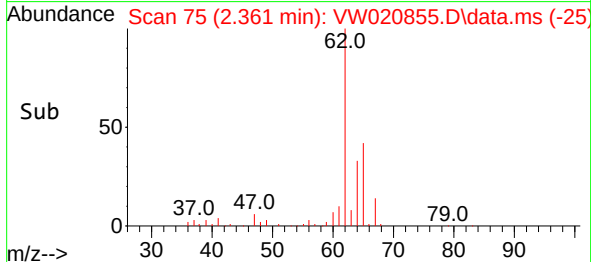
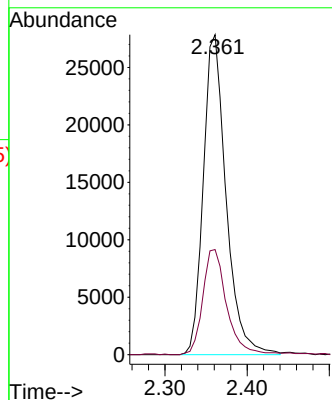
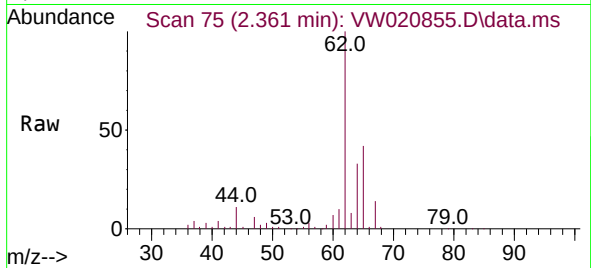




#5
 Vinyl chloride
 Concen: 16.998 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VW020855.D
 Acq: 11 Nov 2021 18:46

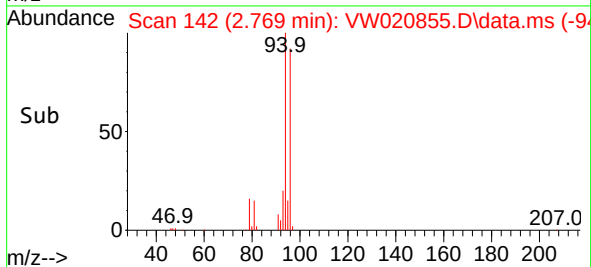
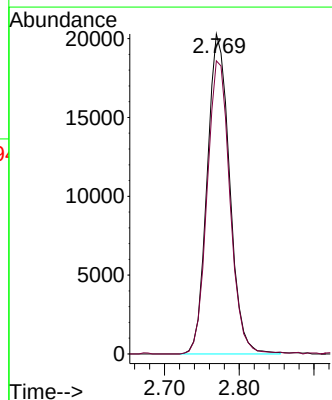
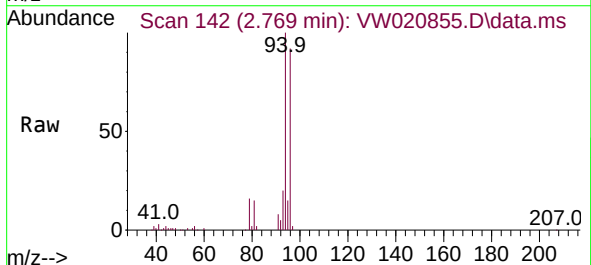
Instrument :
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 ClientSampleId :

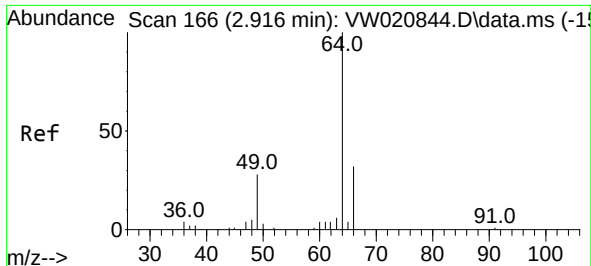
Tgt Ion: 62 Resp: 53548
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.4 45.2



#6
 Bromomethane
 Concen: 25.944 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020855.D
 Acq: 11 Nov 2021 18:46

Tgt Ion: 94 Resp: 42298
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.8 120.4

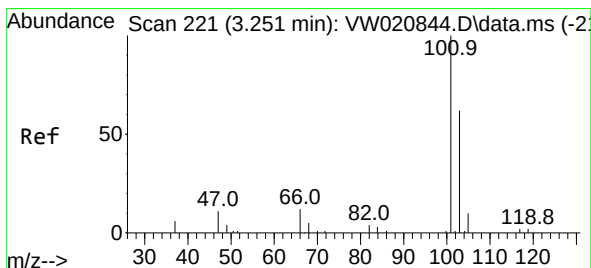
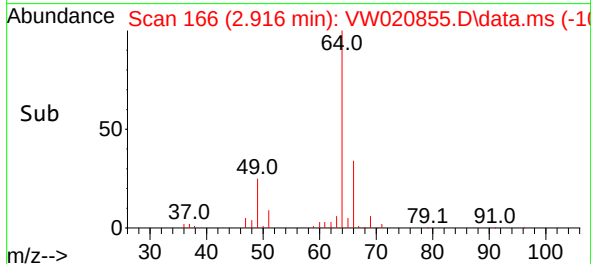
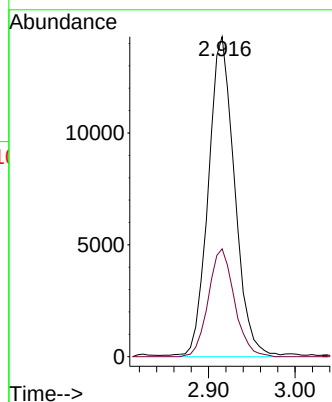
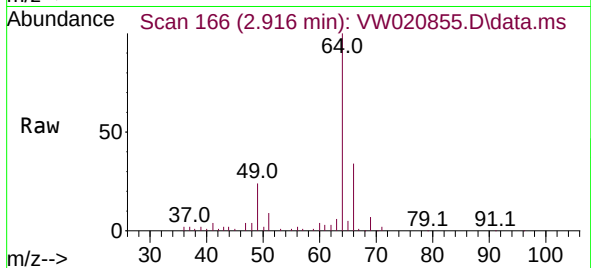




#8
Chloroethane
Concen: 25.958 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

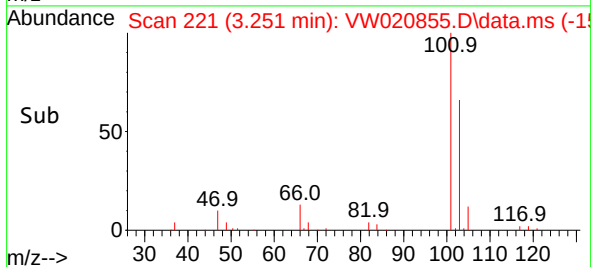
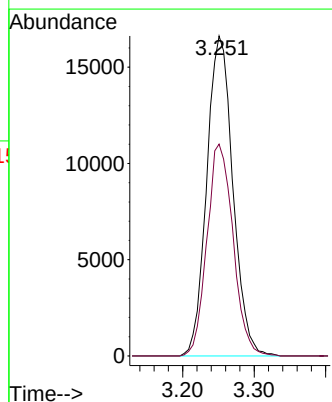
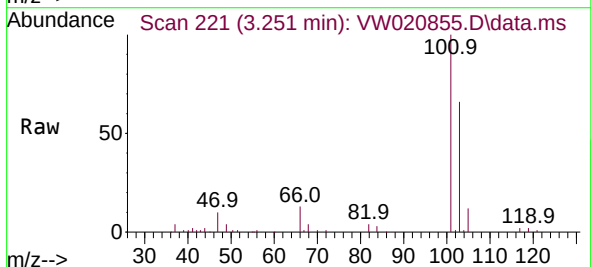
Instrument :
MSVOA_W
ClientSampleId :

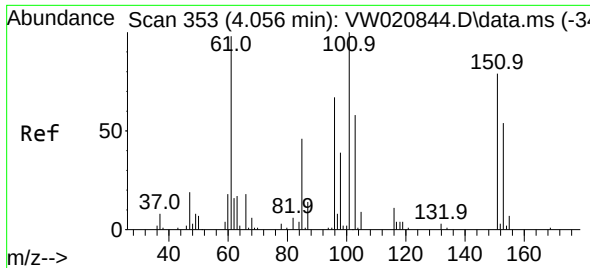
Tgt Ion: 64 Resp: 30068
Ion Ratio Lower Upper
64 100
66 33.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.268 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion:101 Resp: 42219
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

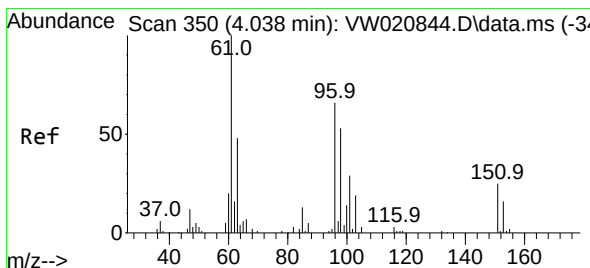
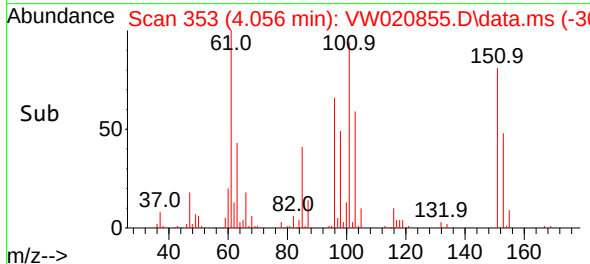
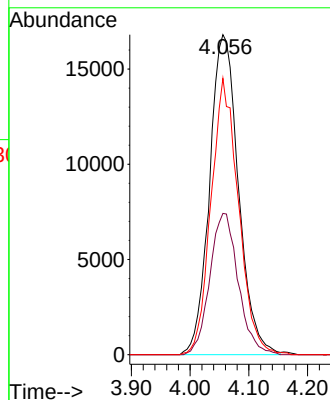
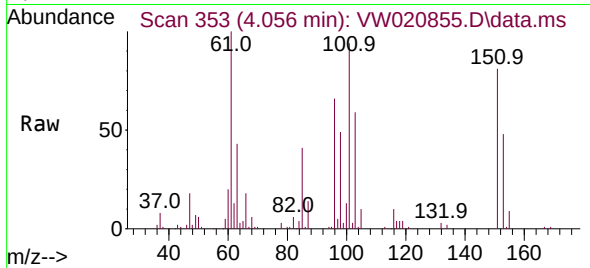




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.913 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW020855.D
 Acq: 11 Nov 2021 18:46

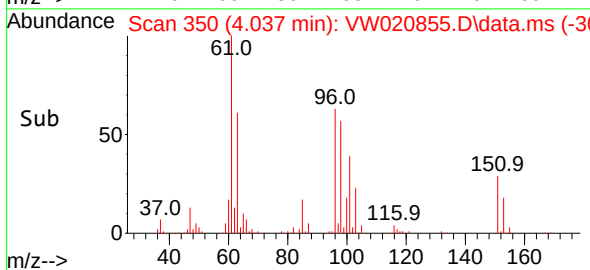
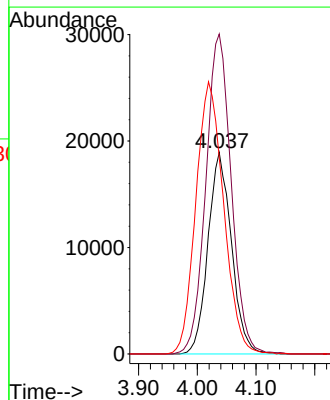
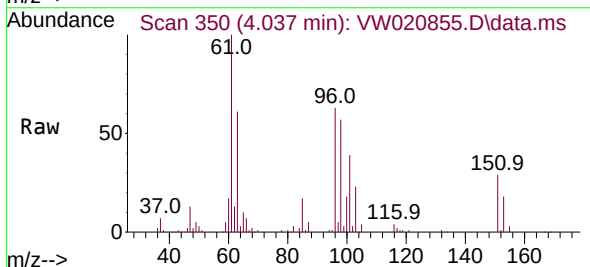
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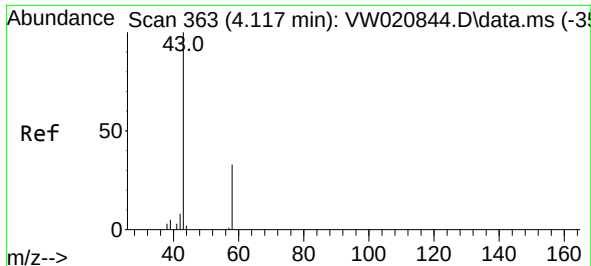
Tgt Ion:101	Resp:	57467
Ion Ratio	Lower	Upper
101	100	
85	43.4	36.6 54.8
151	81.8	57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 20.064 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
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Tgt Ion: 96	Resp:	52545
Ion Ratio	Lower	Upper
96	100	
61	158.8	138.3 256.9
63	97.3	82.6 153.4

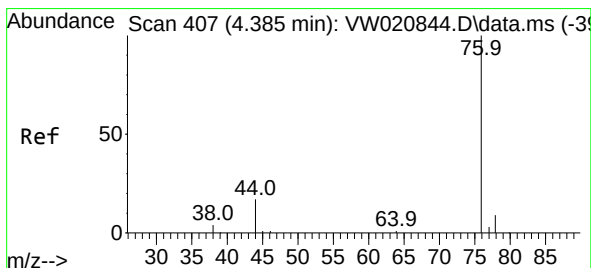
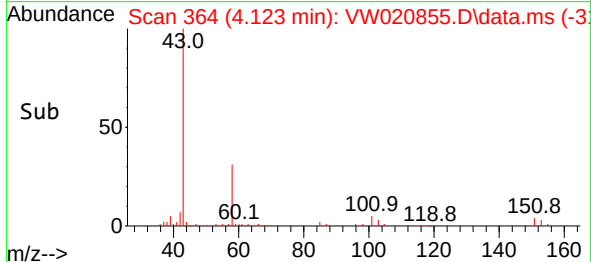
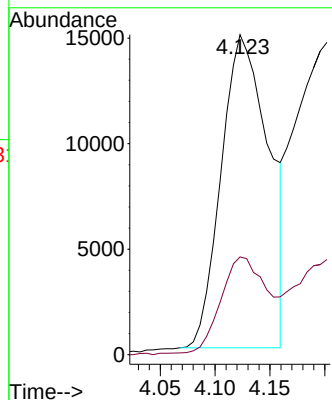
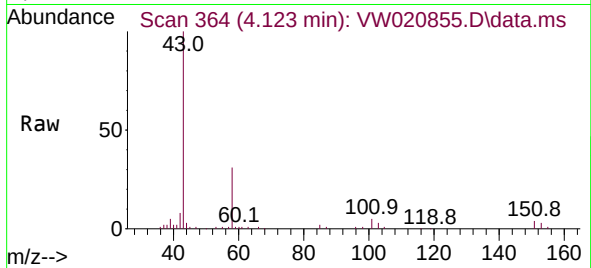




#13
Acetone
Concen: 75.019 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

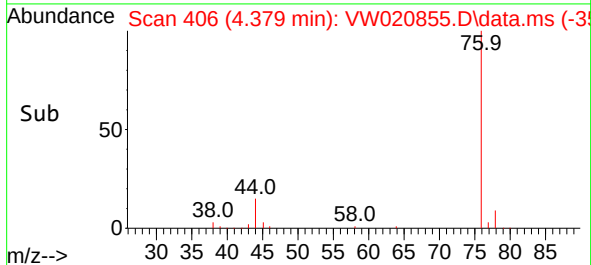
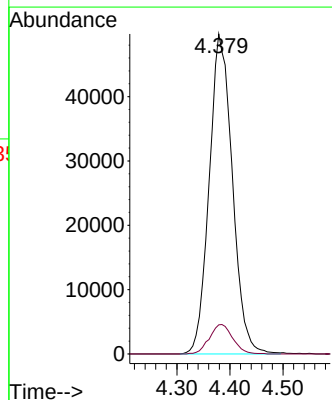
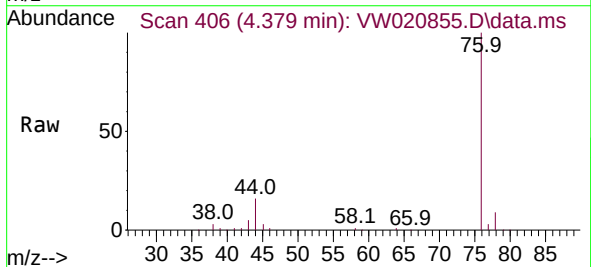
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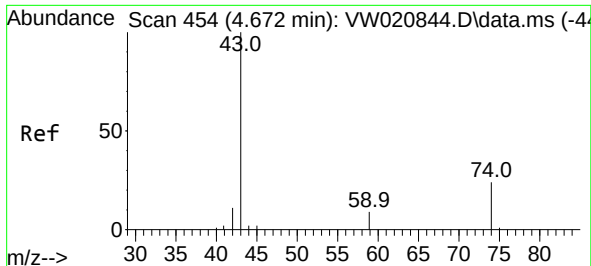
Tgt Ion: 43 Resp: 44624
Ion Ratio Lower Upper
43 100
58 28.7 0.0 52.8



#14
Carbon disulfide
Concen: 19.100 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020855.D
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Tgt Ion: 76 Resp: 150982
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

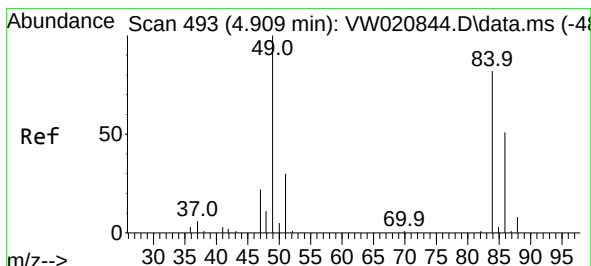
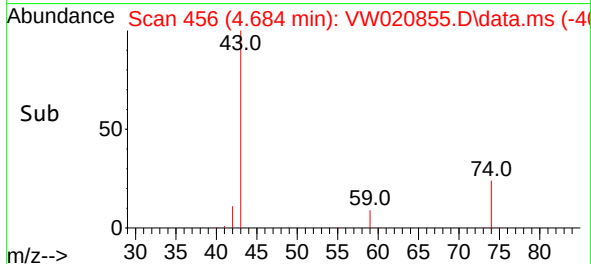
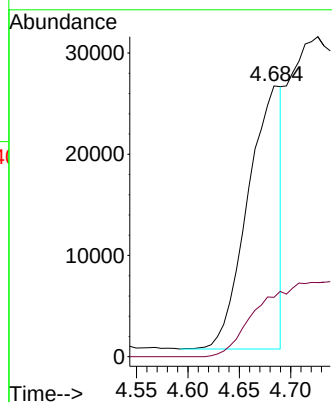
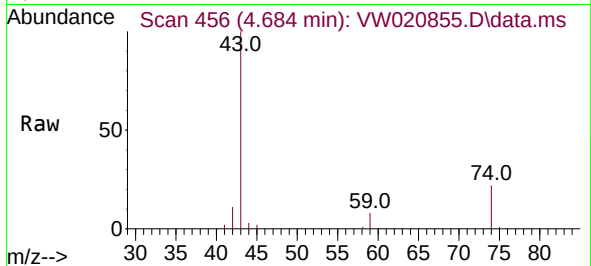




#15
Methyl Acetate
Concen: 56.152 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

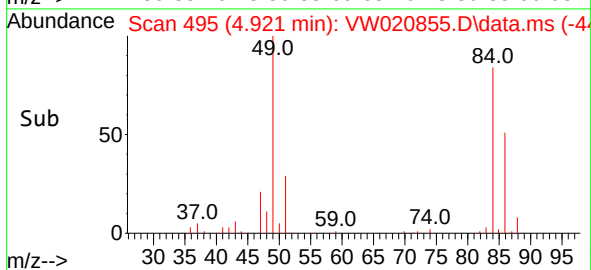
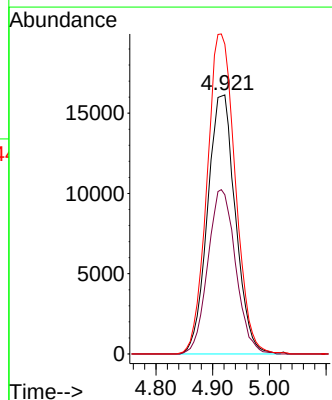
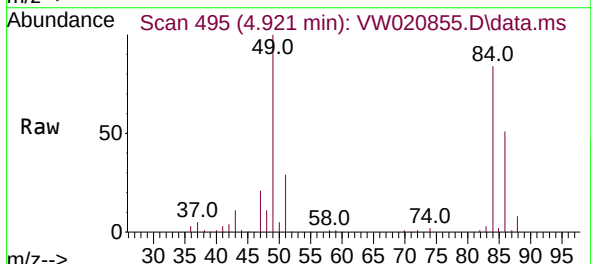
Instrument :
MSVOA_W
ClientSampleId :

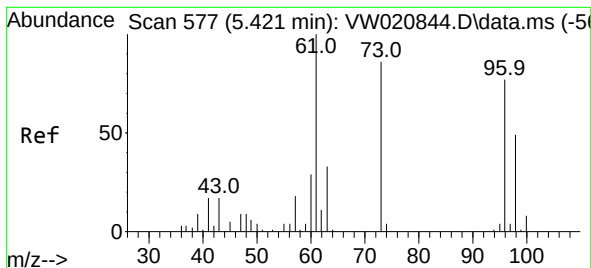
Tgt Ion: 43 Resp: 59197
Ion Ratio Lower Upper
43 100
74 40.6 16.4 24.6#



#16
Methylene chloride
Concen: 18.189 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion: 84 Resp: 55134
Ion Ratio Lower Upper
84 100
86 61.4 45.5 84.5
49 119.5 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 20.891 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

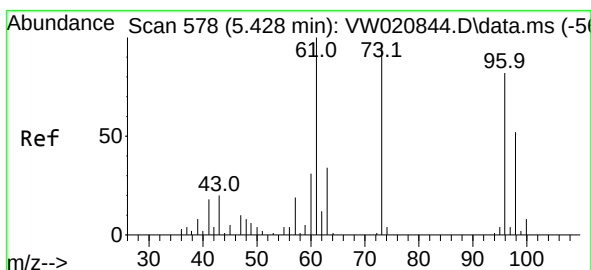
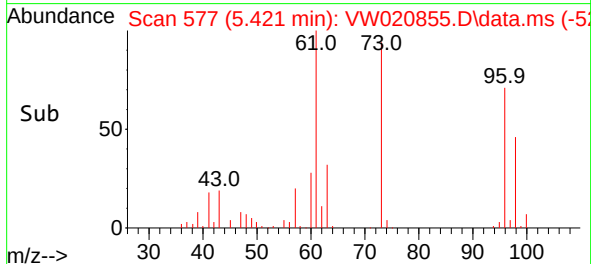
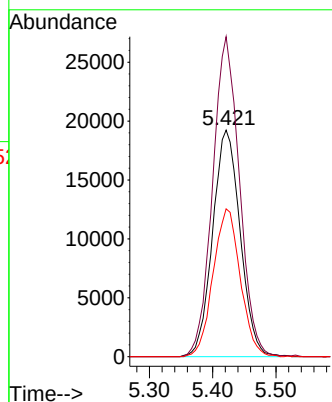
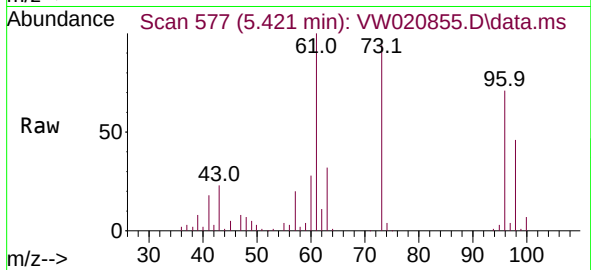
Tgt Ion: 96 Resp: 58156

Ion Ratio Lower Upper

96 100

61 141.2 107.4 199.4

98 65.2 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 22.622 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

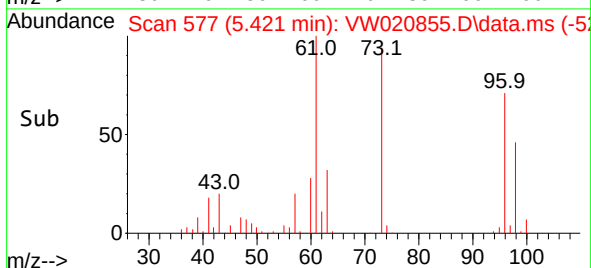
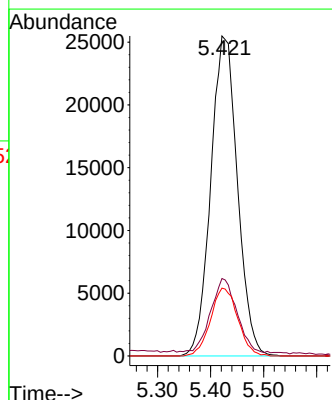
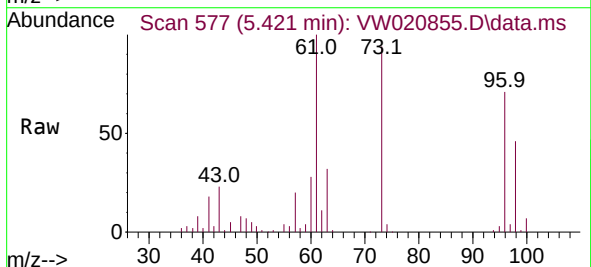
Tgt Ion: 73 Resp: 89110

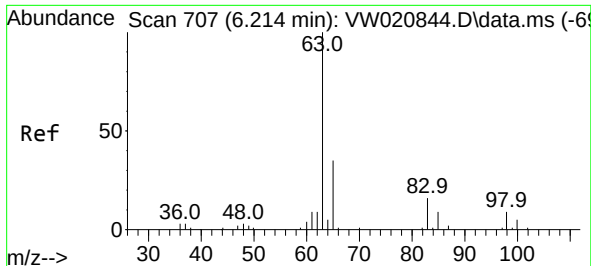
Ion Ratio Lower Upper

73 100

43 22.9 19.5 29.3

57 21.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.071 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

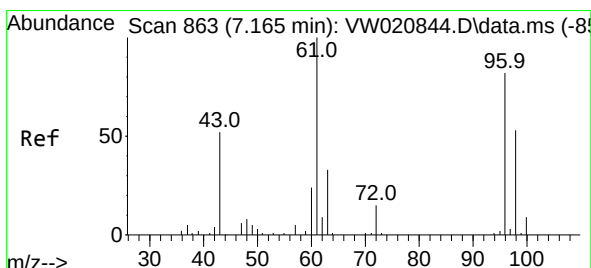
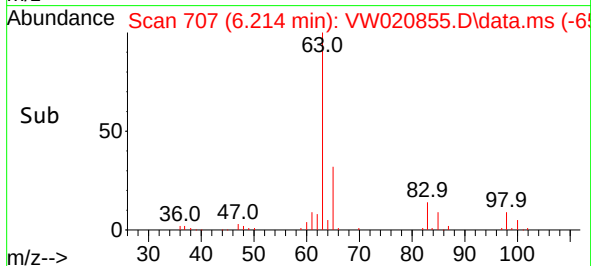
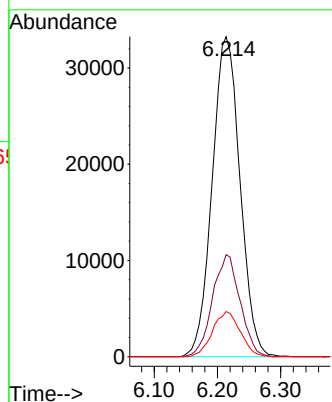
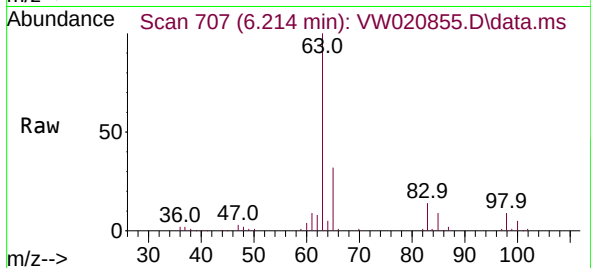
Tgt Ion: 63 Resp: 101591

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 14.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 21.315 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

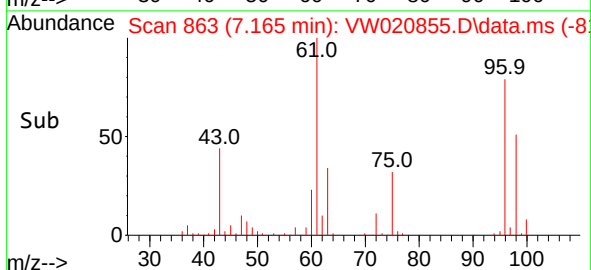
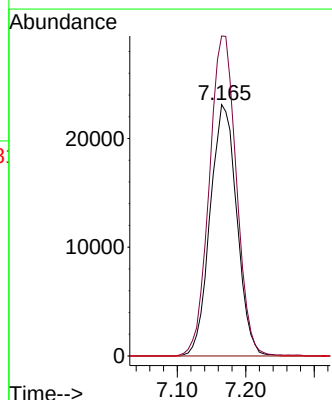
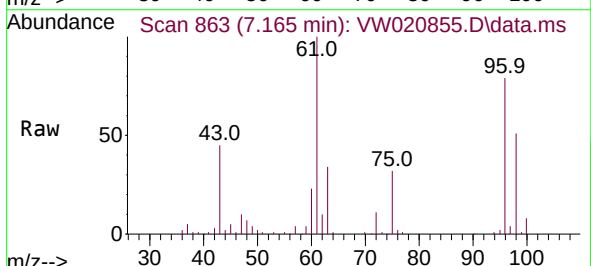
Tgt Ion: 96 Resp: 62549

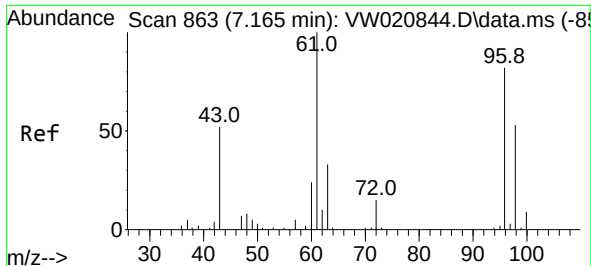
Ion Ratio Lower Upper

96 100

61 127.3 103.7 192.7

68 0.0 0.0 0.0

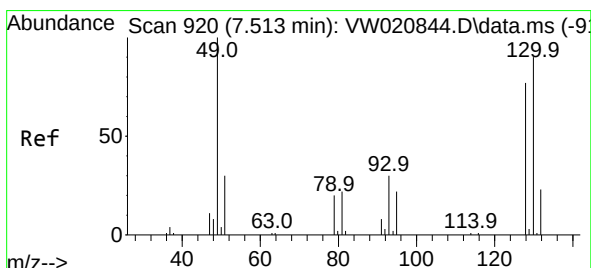
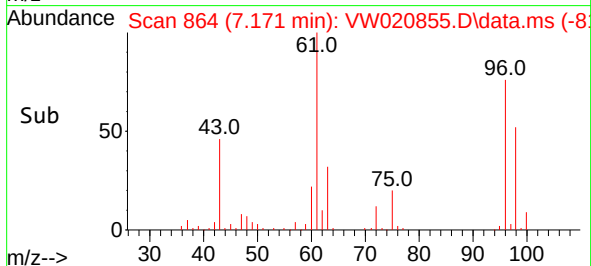
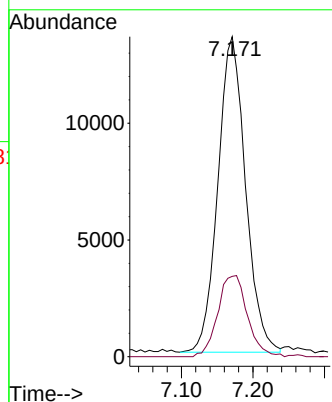
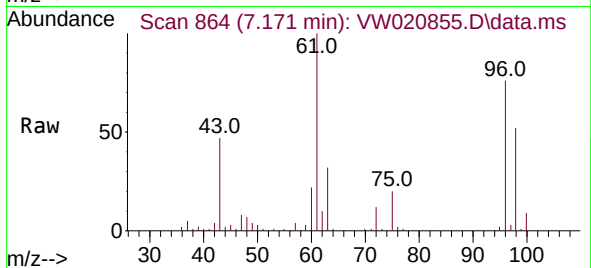




#22
2-Butanone
Concen: 45.894 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

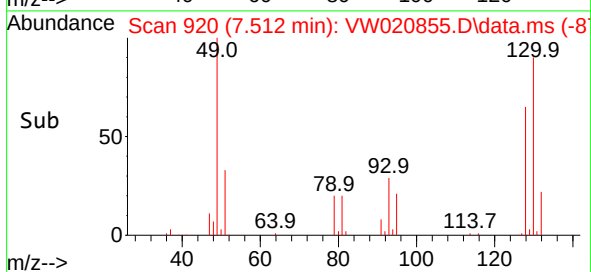
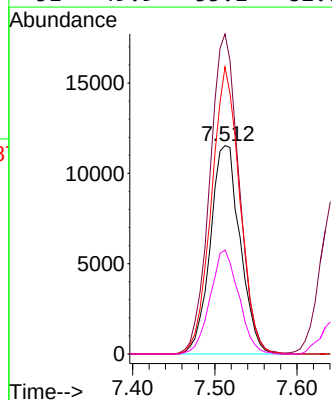
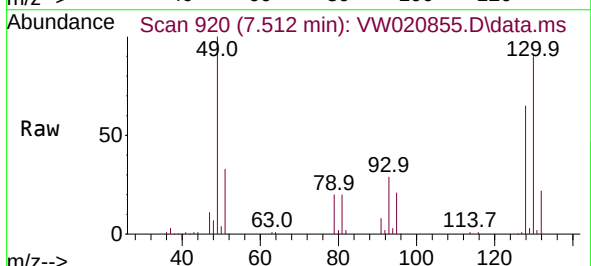
Instrument :
MSVOA_W
ClientSampleId :

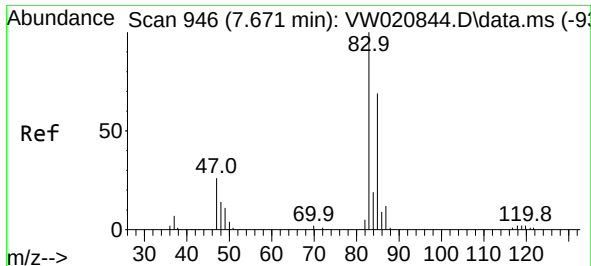
Tgt Ion: 43 Resp: 36275
Ion Ratio Lower Upper
43 100
72 27.3 11.8 35.4



#23
Bromochloromethane
Concen: 21.462 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion: 128 Resp: 29063
Ion Ratio Lower Upper
128 100
49 153.6 150.3 279.1
130 137.7 88.3 163.9
51 49.9 55.1 82.7#

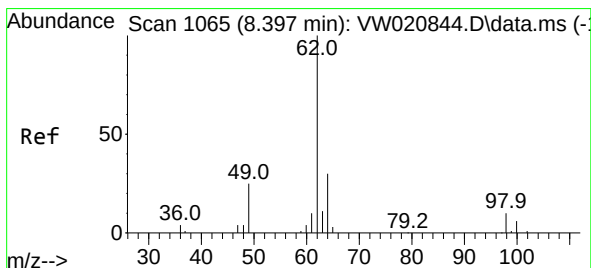
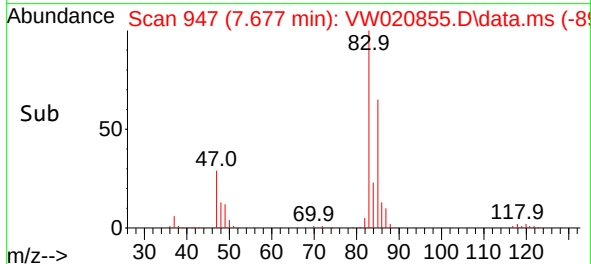
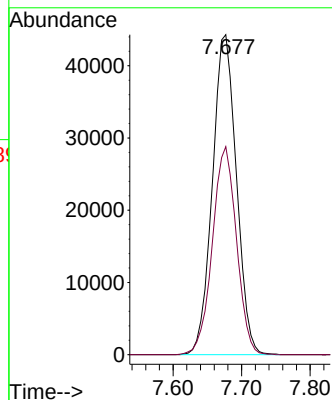
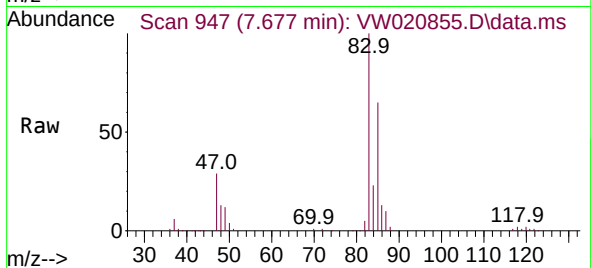




#25
Chloroform
Concen: 21.492 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

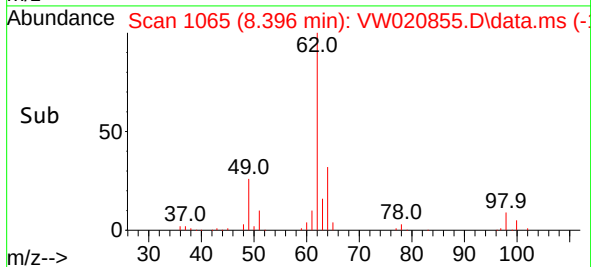
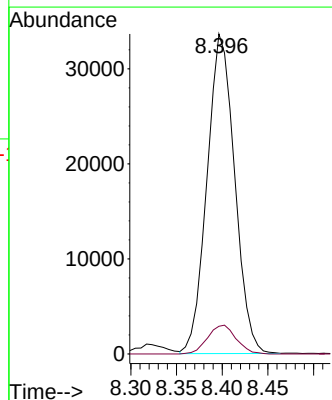
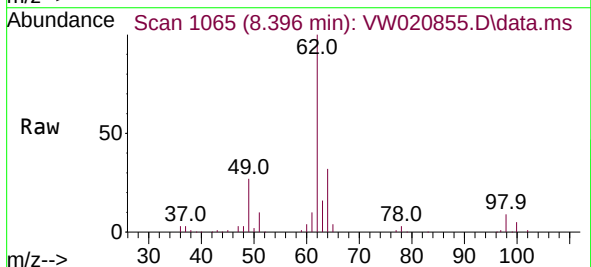
Instrument :
MSVOA_W
ClientSampleId :

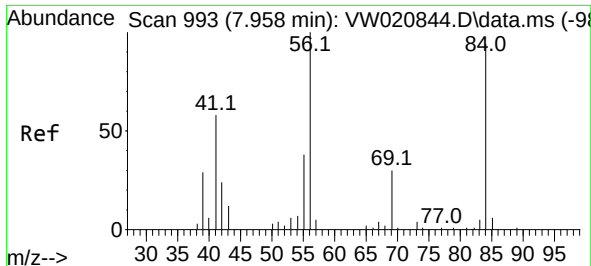
Tgt Ion: 83 Resp: 107877
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.811 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion: 62 Resp: 70869
Ion Ratio Lower Upper
62 100
98 8.6 6.5 9.7





#29

Cyclohexane

Concen: 19.472 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

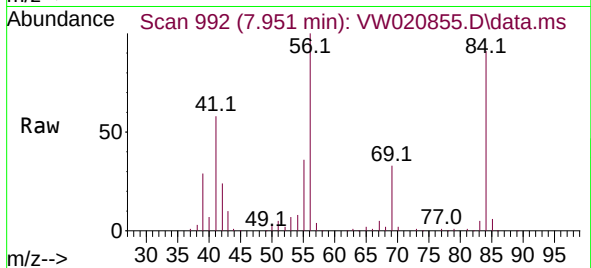
Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :



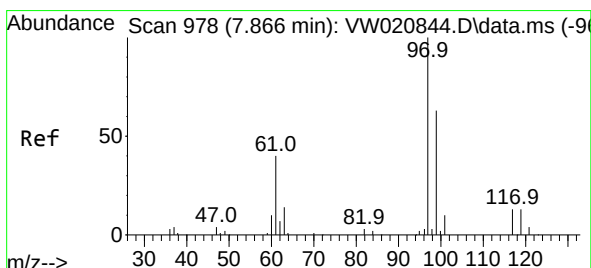
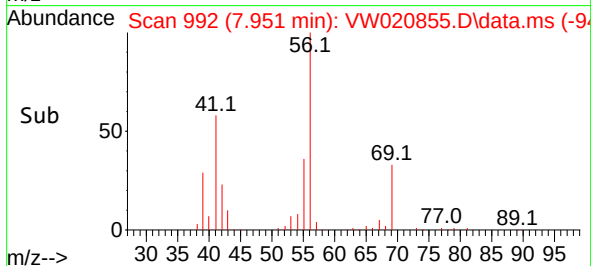
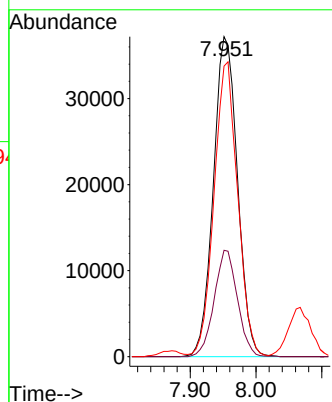
Tgt Ion: 56 Resp: 95084

Ion Ratio Lower Upper

56 100

69 32.0 23.5 35.3

84 90.3 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 20.410 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

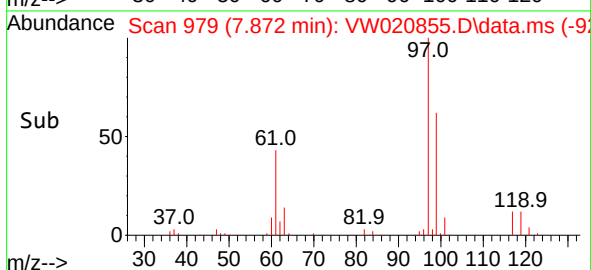
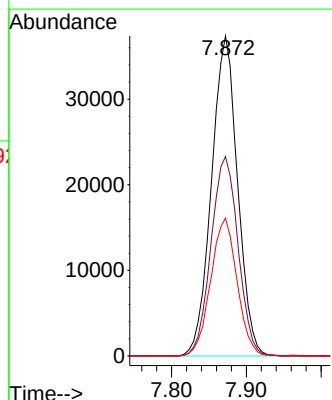
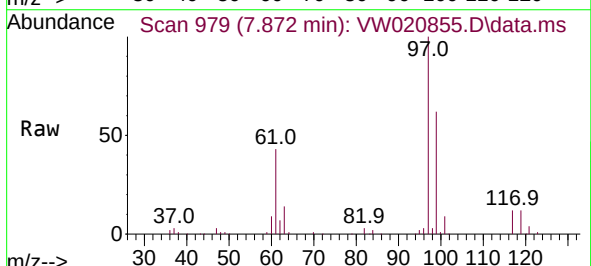
Tgt Ion: 97 Resp: 90778

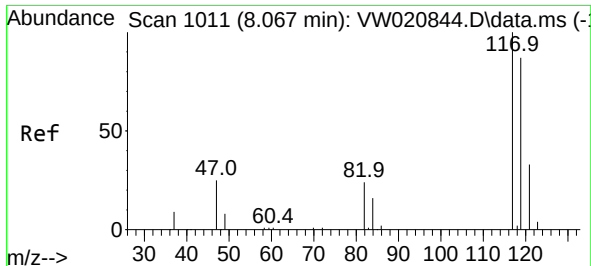
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 43.6 40.9 61.3

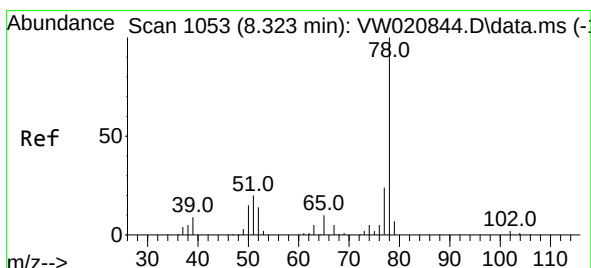
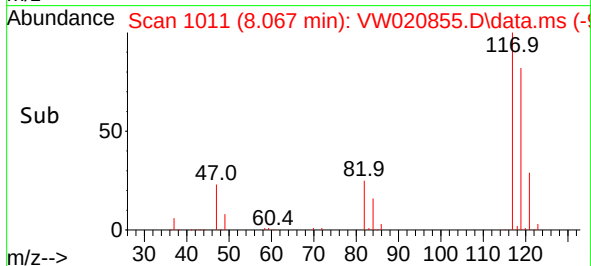
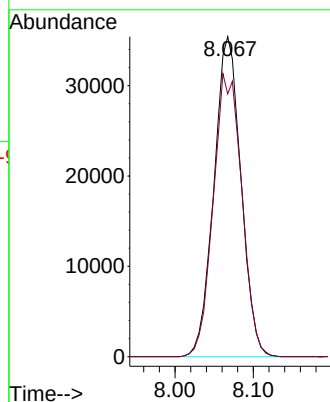
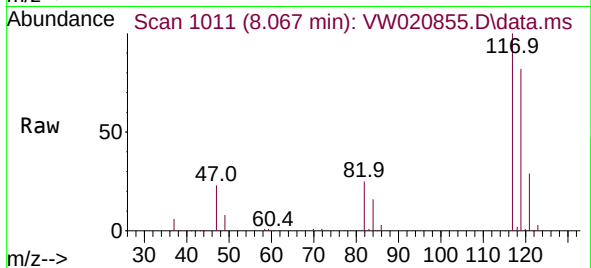




#31
Carbon tetrachloride
Concen: 20.037 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

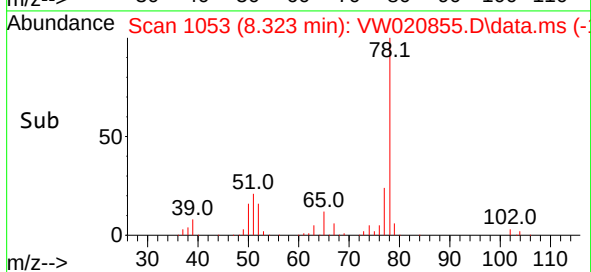
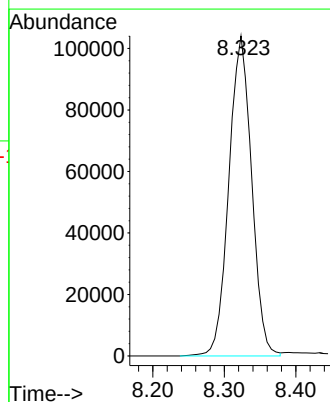
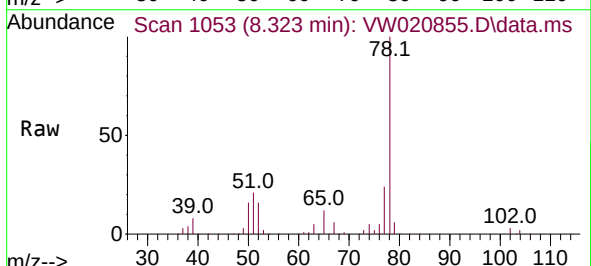
Instrument :
MSVOA_W
ClientSampleId :

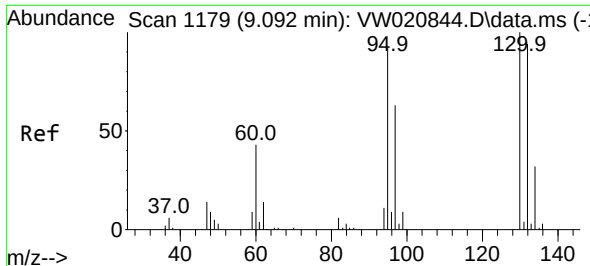
Tgt Ion:117 Resp: 84808
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5



#33
Benzene
Concen: 20.555 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion: 78 Resp: 230405





#34

Trichloroethene

Concen: 21.533 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

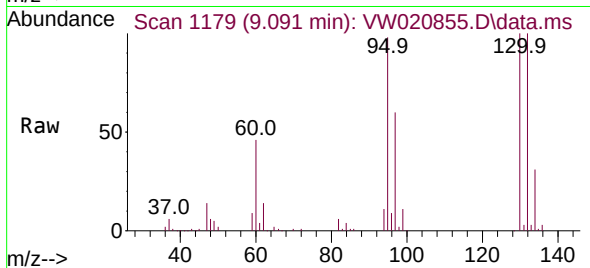
Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 64246

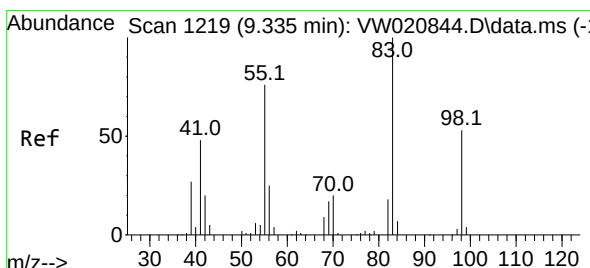
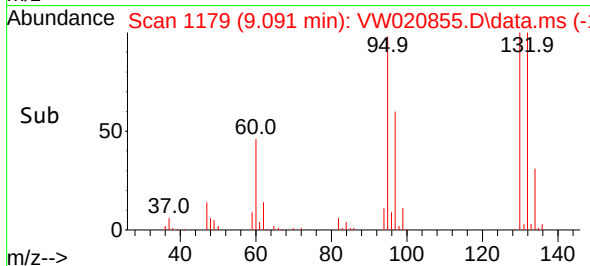
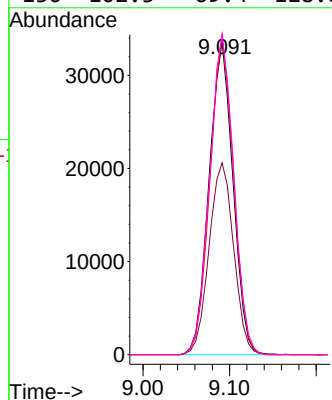
Ion Ratio Lower Upper

95 100

97 61.4 47.0 87.2

132 102.4 65.5 121.6

130 102.3 69.4 128.8



#35

Methylcyclohexane

Concen: 20.142 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

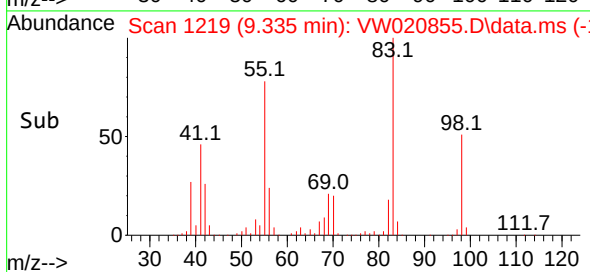
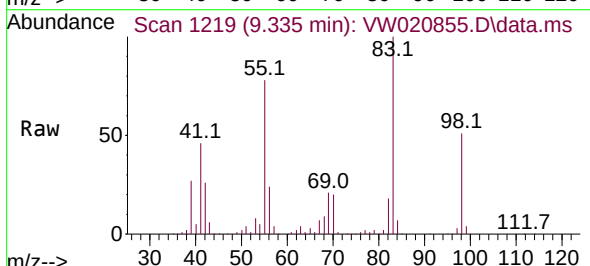
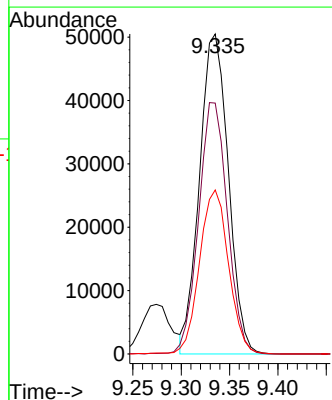
Tgt Ion: 83 Resp: 104872

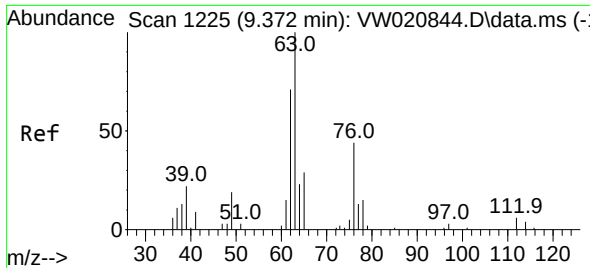
Ion Ratio Lower Upper

83 100

55 78.4 70.8 106.2

98 51.6 37.7 56.5

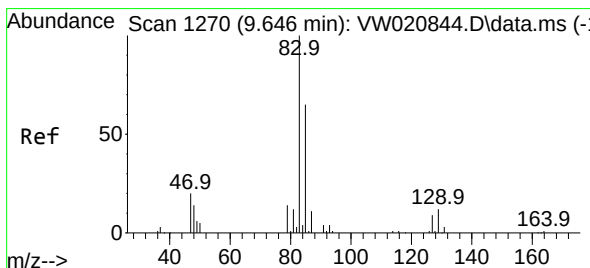
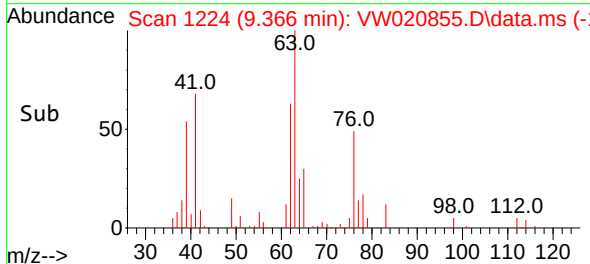
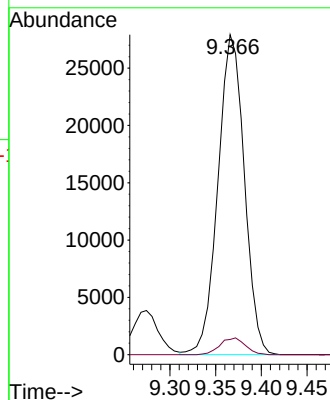
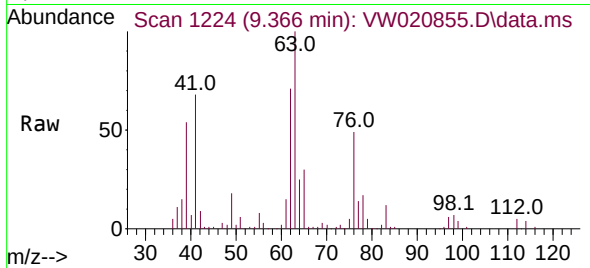




#37
1,2-Dichloropropane
Concen: 21.131 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

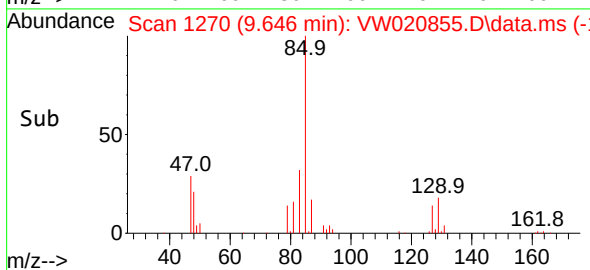
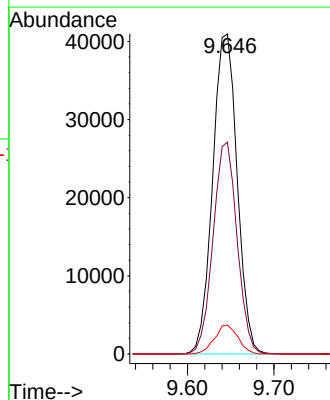
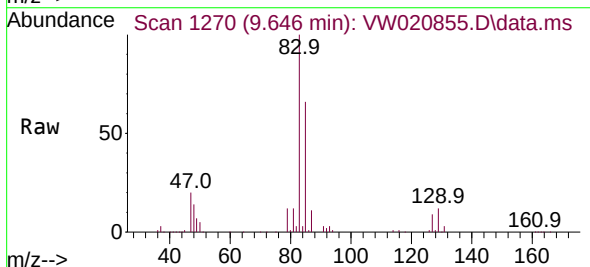
Instrument :
MSVOA_W
ClientSampleId :

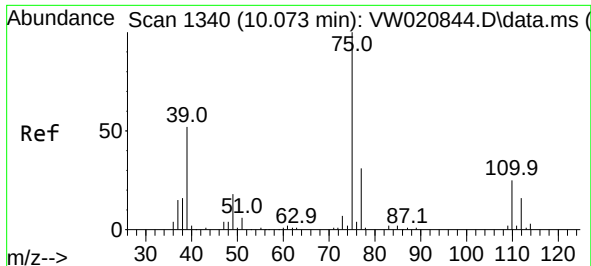
Tgt Ion: 63 Resp: 56080
Ion Ratio Lower Upper
63 100
112 5.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 21.660 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion: 83 Resp: 80465
Ion Ratio Lower Upper
83 100
85 66.2 44.1 81.9
127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 22.171 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

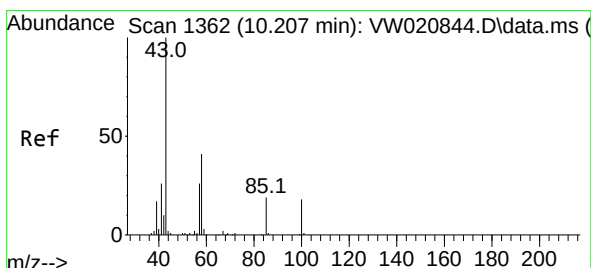
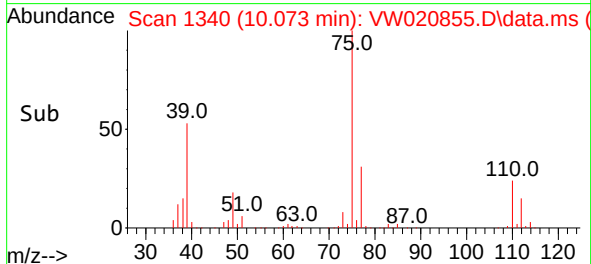
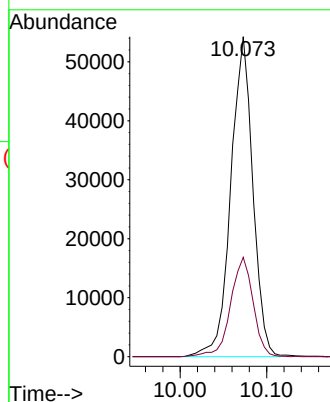
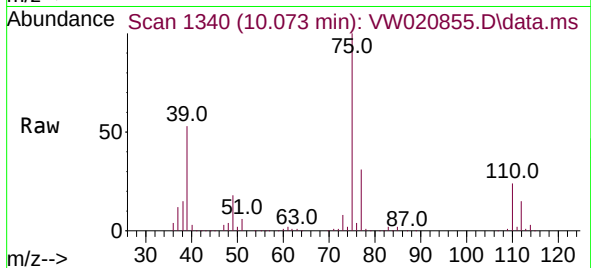
ClientSampleId :

Tgt Ion: 75 Resp: 95759

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 45.300 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

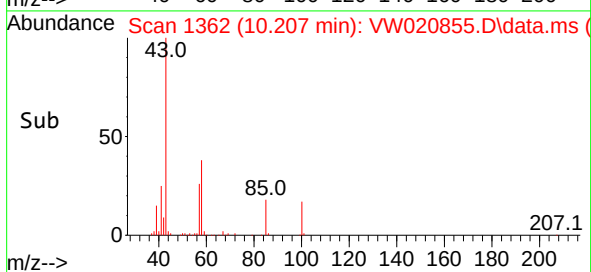
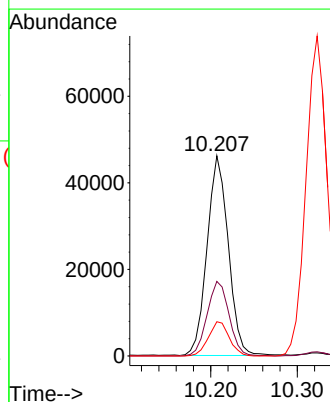
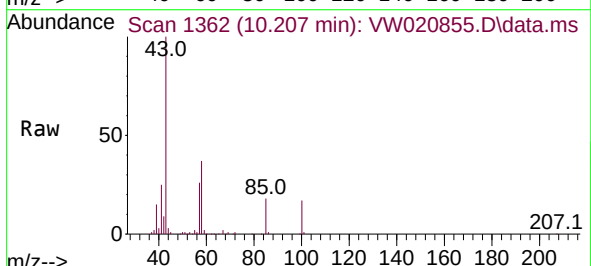
Tgt Ion: 43 Resp: 78570

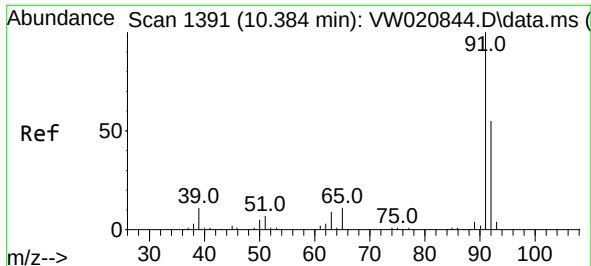
Ion Ratio Lower Upper

43 100

58 38.6 28.8 43.2

100 16.8 10.0 15.0#

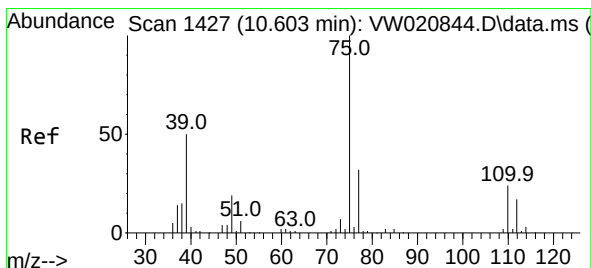
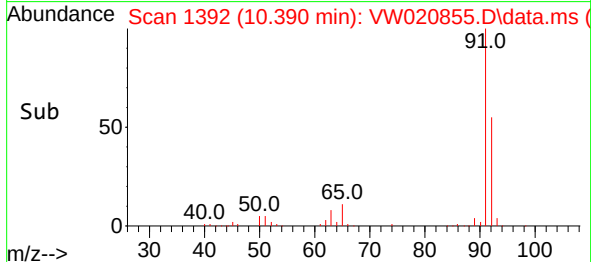
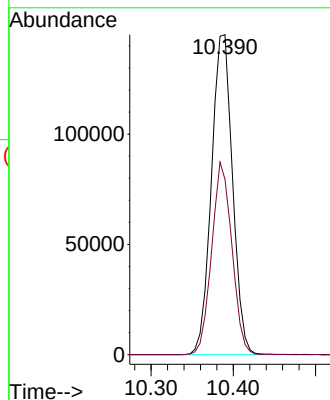
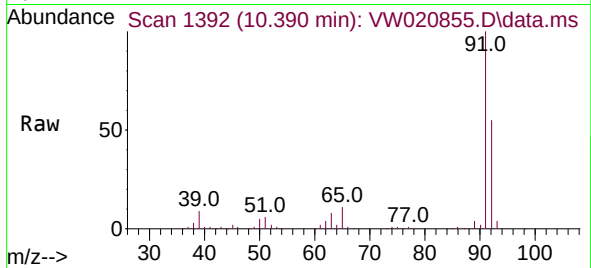




#42
Toluene
Concen: 21.476 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

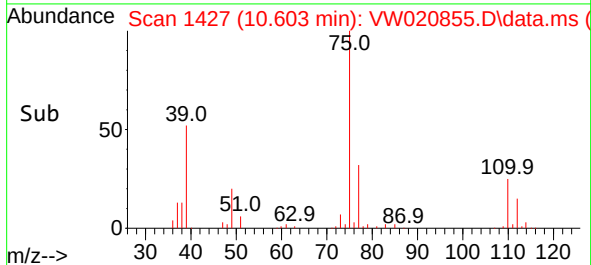
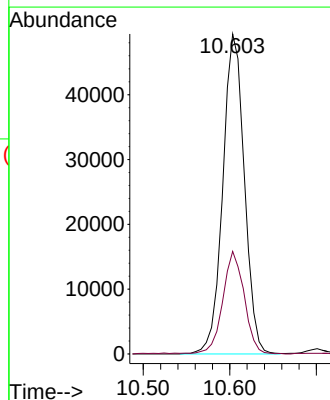
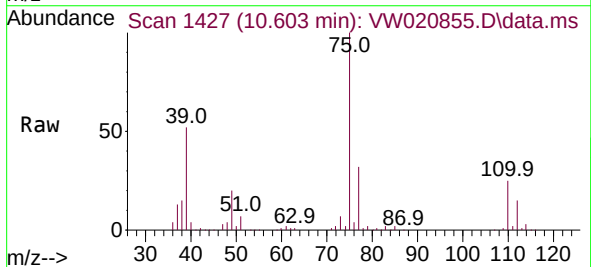
Instrument :
MSVOA_W
ClientSampleId :

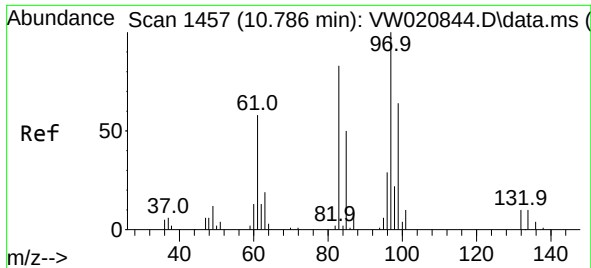
Tgt Ion: 91 Resp: 258857
Ion Ratio Lower Upper
91 100
92 54.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 21.848 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion: 75 Resp: 85355
Ion Ratio Lower Upper
75 100
77 32.1 22.2 41.2

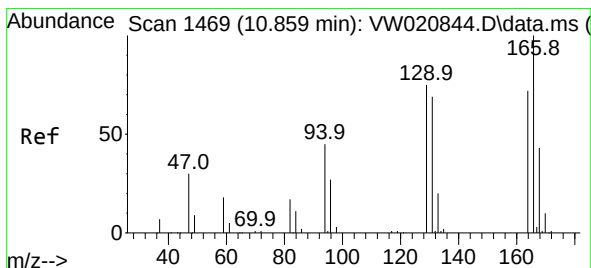
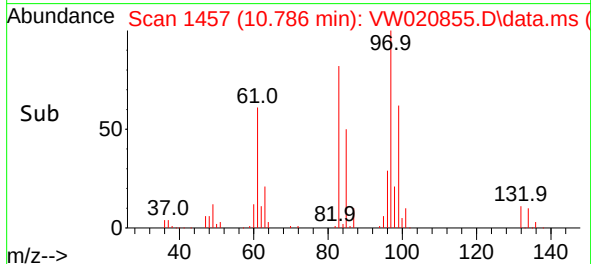
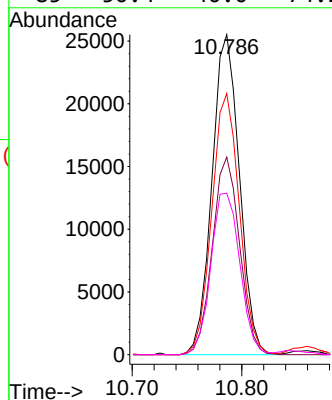
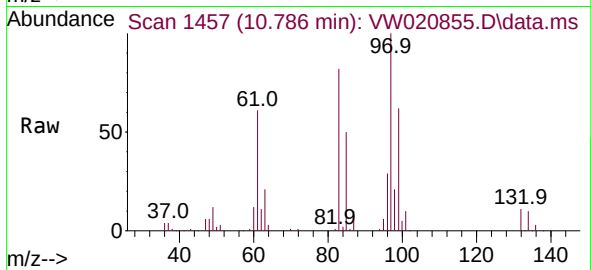




#45
1,1,2-Trichloroethane
Concen: 22.523 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

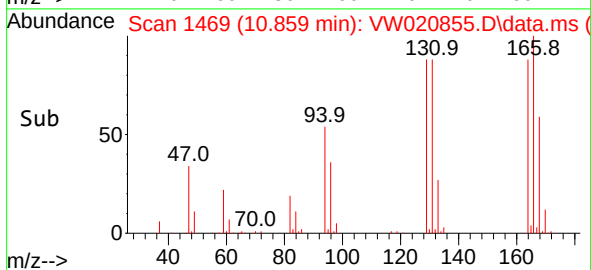
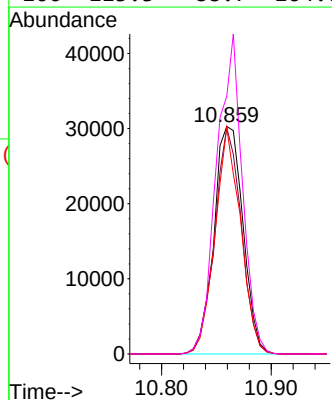
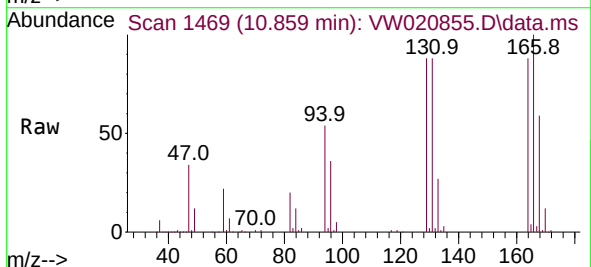
Instrument :
MSVOA_W
ClientSampleId :

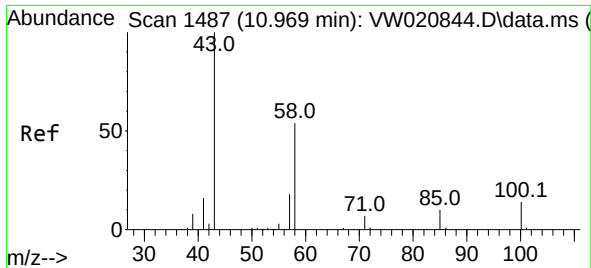
Tgt Ion:	97	Resp:	44359
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.0	79.8
83	81.6	62.6	116.3
85	50.4	40.0	74.2



#46
Tetrachloroethene
Concen: 20.810 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion:	164	Resp:	55690
Ion	Ratio	Lower	Upper
164	100		
129	99.6	65.5	121.7
131	99.5	59.7	110.9
166	113.3	88.7	164.7

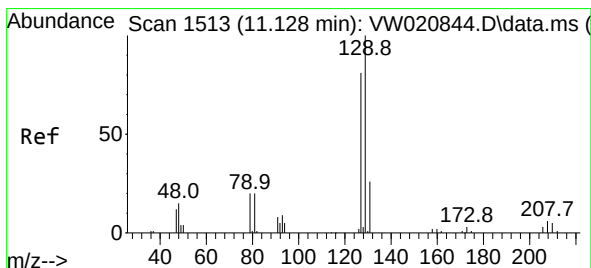
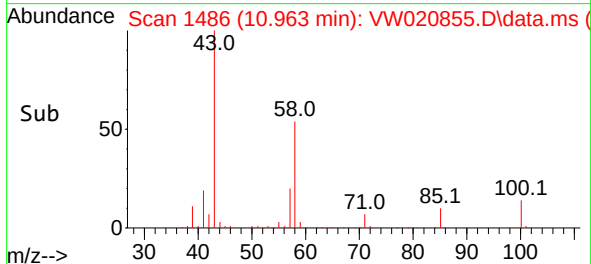
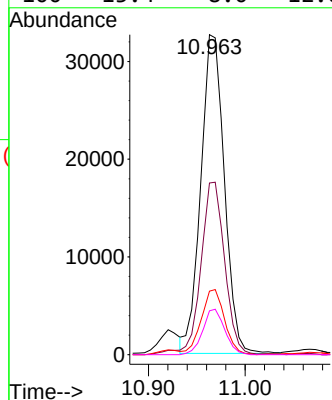
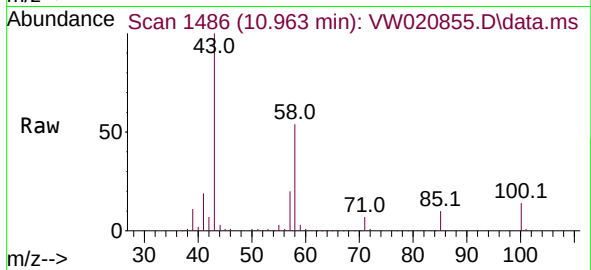




#48
2-Hexanone
Concen: 43.709 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

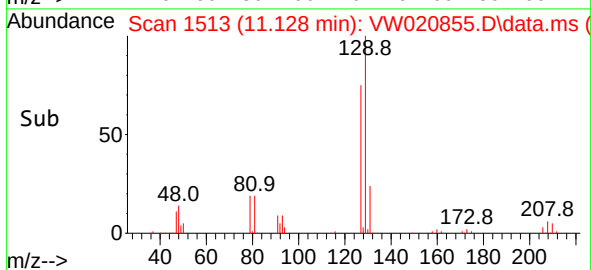
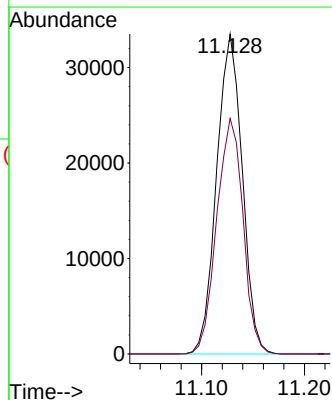
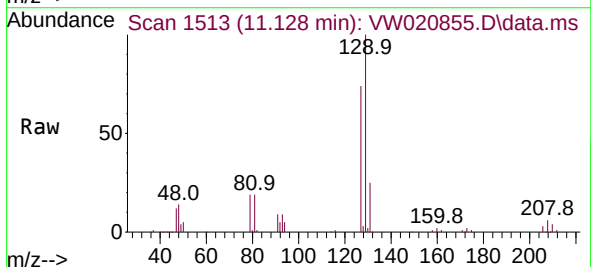
Instrument :
MSVOA_W
ClientSampleId :

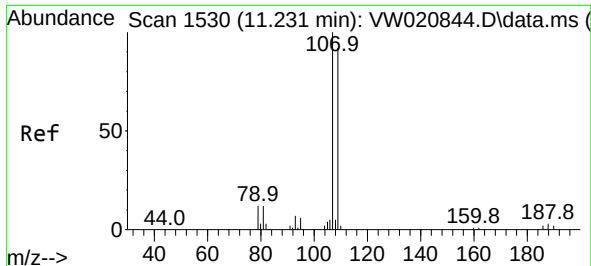
Tgt Ion: 43	Resp: 55357
Ion Ratio	Lower Upper
43	100
58	53.2 40.2 60.2
57	20.3 14.3 21.5
100	13.4 8.0 12.0



#49
Dibromochloromethane
Concen: 21.576 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

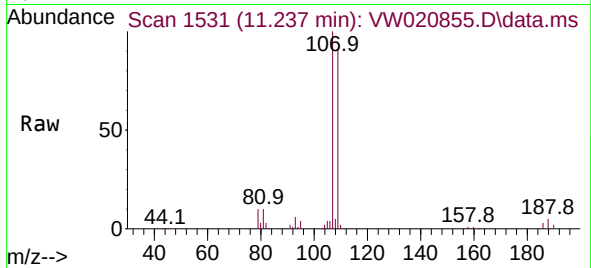
Tgt Ion: 129	Resp: 58032
Ion Ratio	Lower Upper
129	100
127	73.6 55.7 103.5



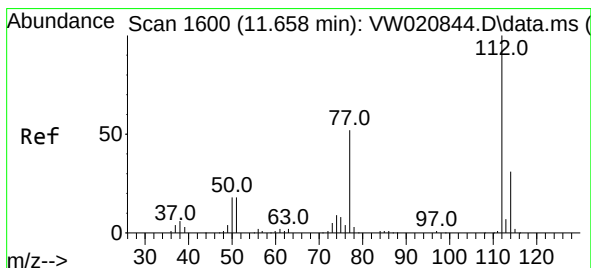
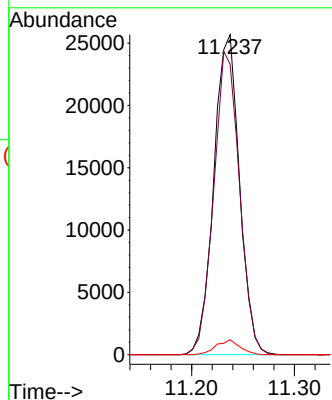
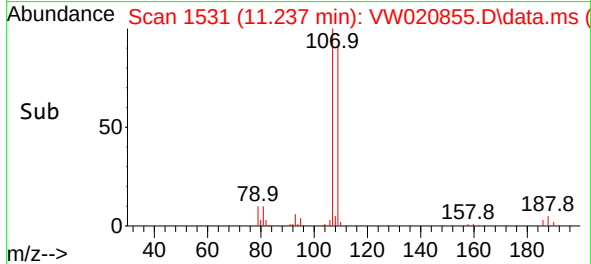


#50
1,2-Dibromoethane
Concen: 22.307 ug/L
RT: 11.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :

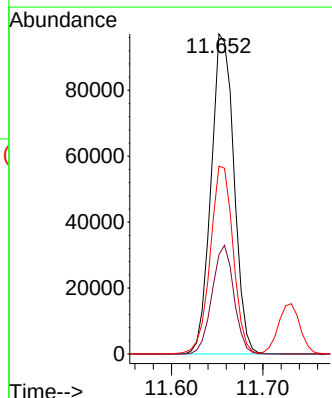
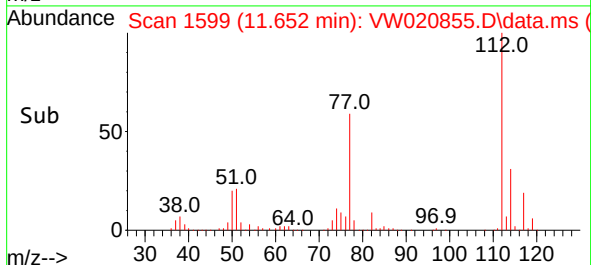
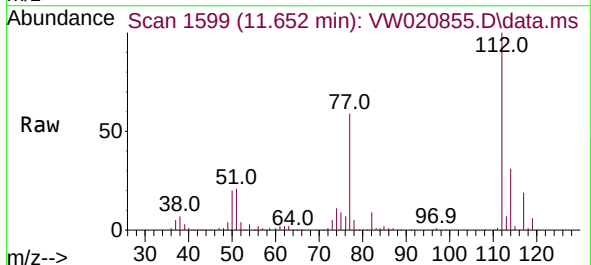


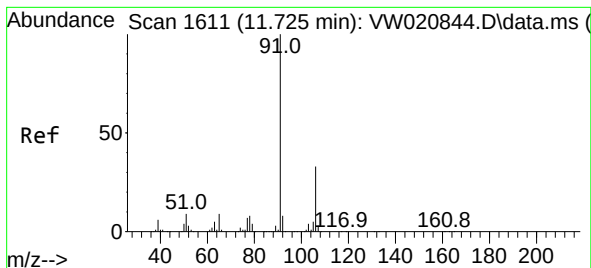
Tgt Ion:107 Resp: 44548
Ion Ratio Lower Upper
107 100
109 90.8 64.1 119.1
188 4.6 2.6 3.8#



#51
Chlorobenzene
Concen: 21.704 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion:112 Resp: 168741
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 58.7 50.2 75.4

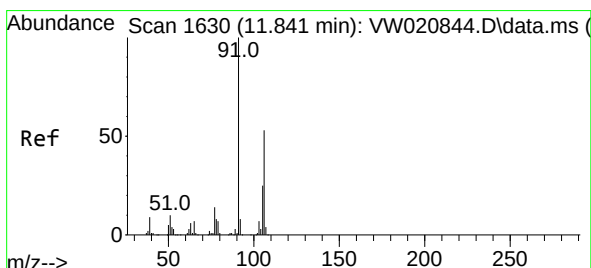
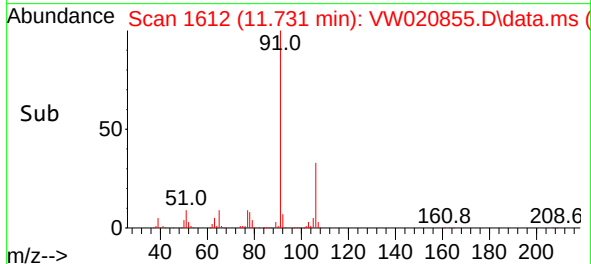
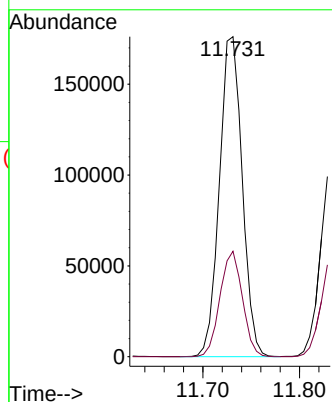
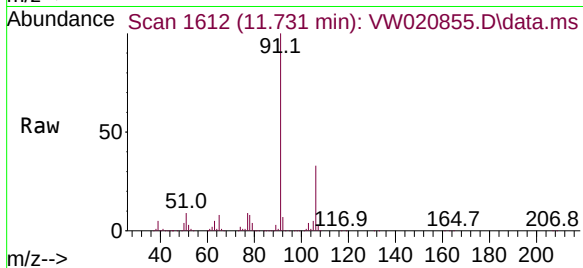




#52
Ethylbenzene
Concen: 21.350 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

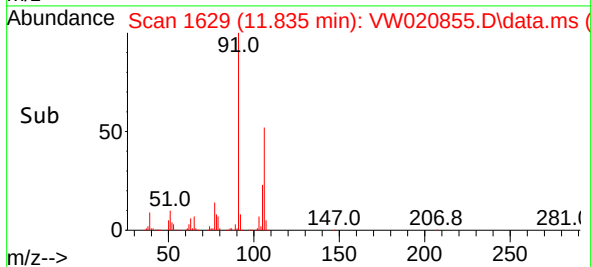
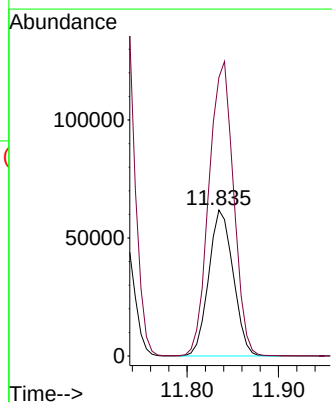
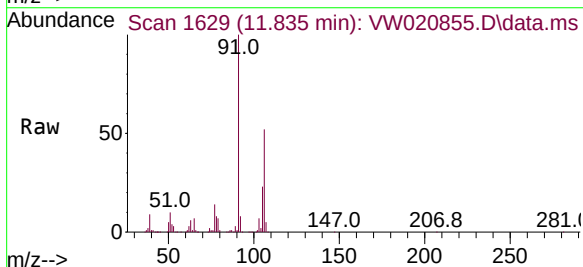
Instrument :
MSVOA_W
ClientSampleId :

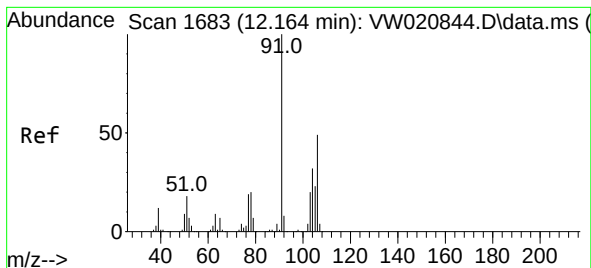
Tgt Ion: 91 Resp: 288326
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9



#53
m,p-Xylene
Concen: 21.259 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion:106 Resp: 115030
Ion Ratio Lower Upper
106 100
91 190.8 149.9 278.3





#54

o-Xylene

Concen: 21.863 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

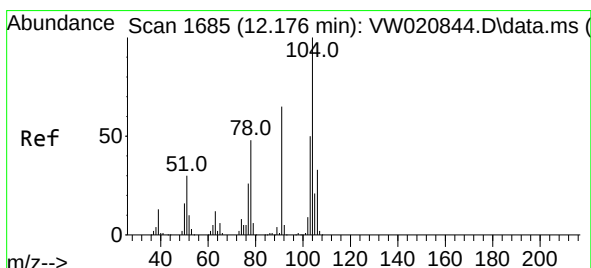
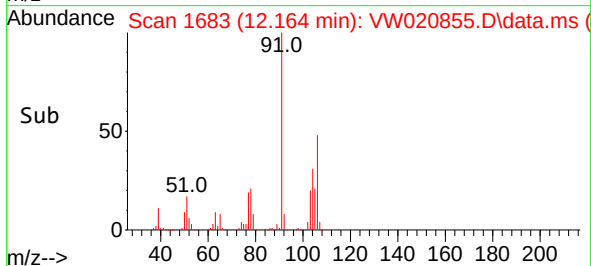
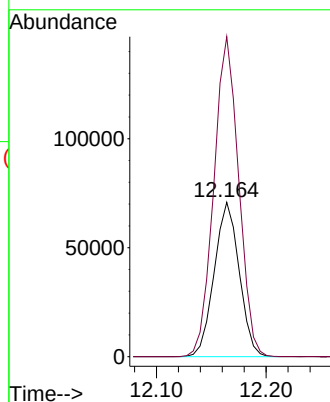
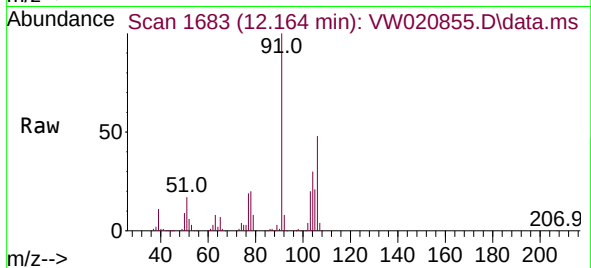
ClientSampleId :

Tgt Ion:106 Resp: 112060

Ion Ratio Lower Upper

106 100

91 207.3 153.6 285.3



#55

Styrene

Concen: 22.086 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW020855.D

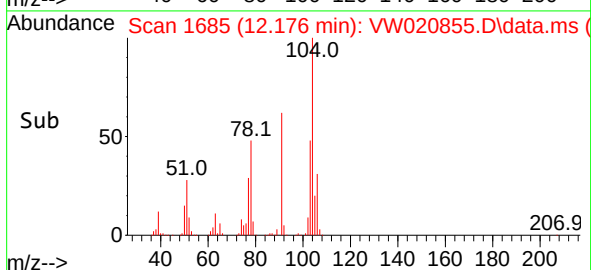
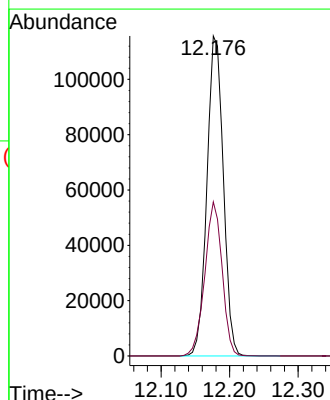
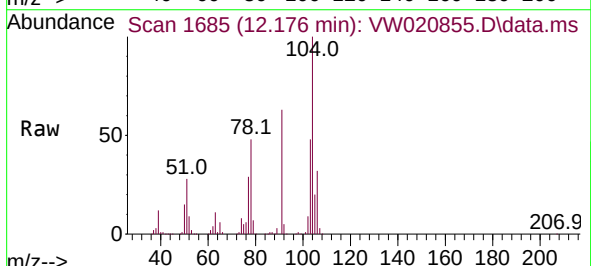
Acq: 11 Nov 2021 18:46

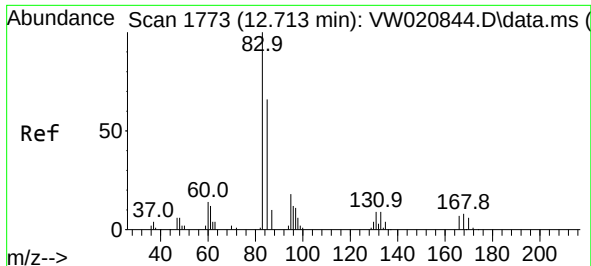
Tgt Ion:104 Resp: 192449

Ion Ratio Lower Upper

104 100

78 48.2 34.4 64.0

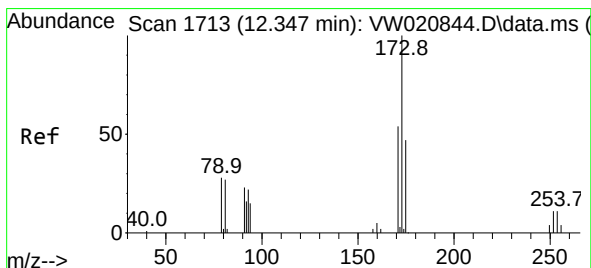
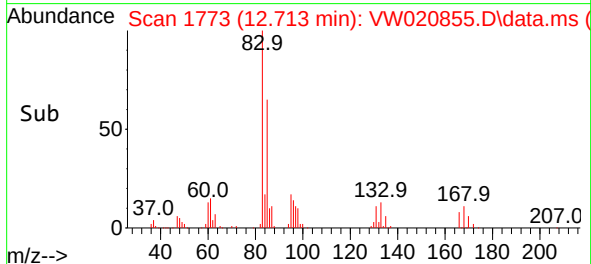
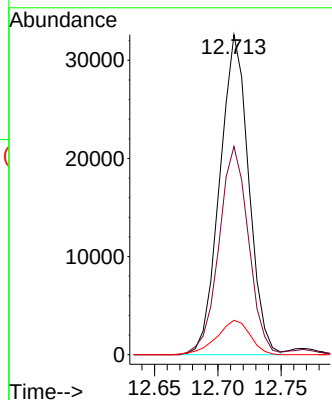
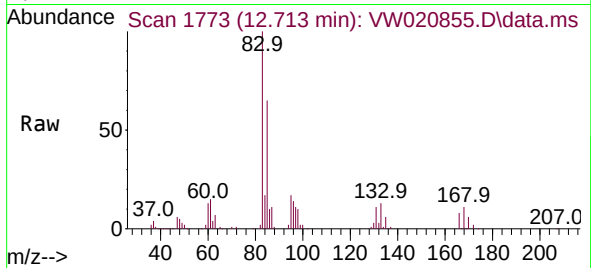




#57
1,1,2,2-Tetrachloroethane
Concen: 22.492 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

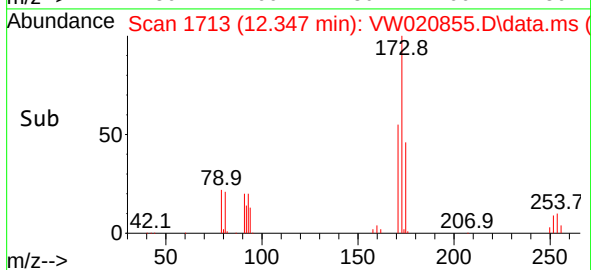
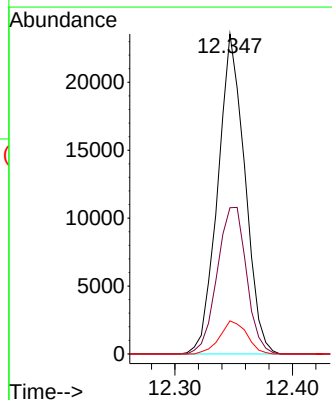
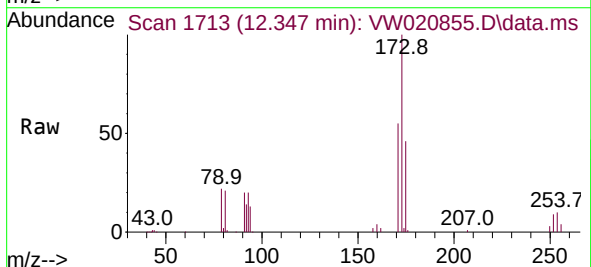
Instrument :
MSVOA_W
ClientSampleId :

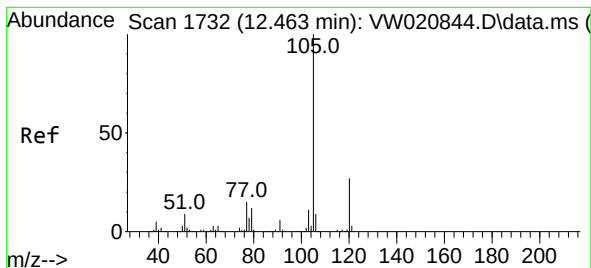
Tgt Ion: 83 Resp: 51918
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.6
131 10.7 6.9 10.3#



#59
Bromoform
Concen: 20.742 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020855.D
Acq: 11 Nov 2021 18:46

Tgt Ion:173 Resp: 37669
Ion Ratio Lower Upper
173 100
175 49.7 39.6 59.4
254 10.4 7.4 11.0





#60

Isopropylbenzene

Concen: 20.688 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

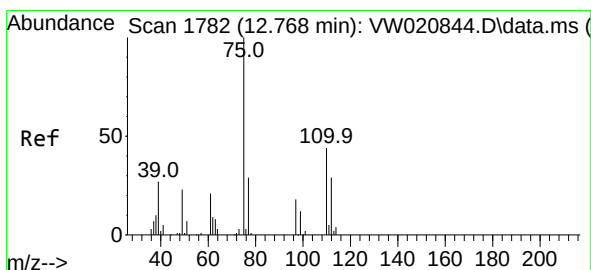
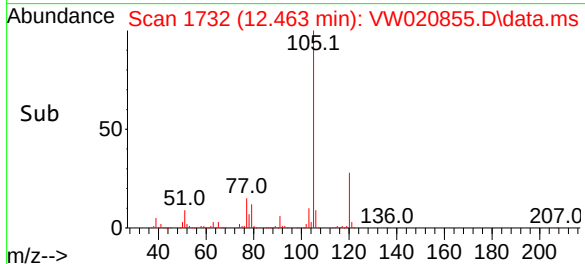
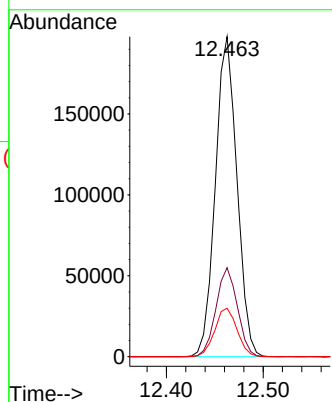
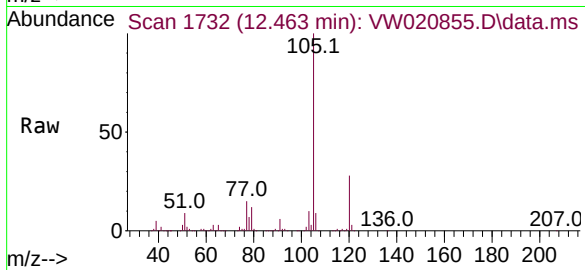
Tgt Ion:105 Resp: 306155

Ion Ratio Lower Upper

105 100

120 27.6 20.1 30.1

77 15.7 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 21.896 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

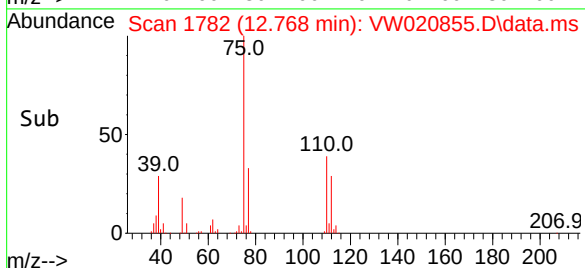
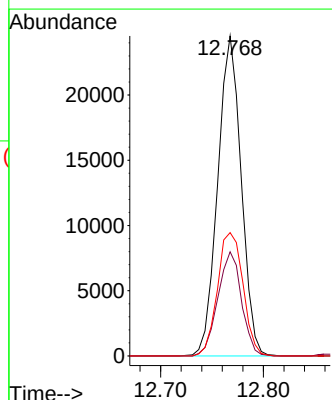
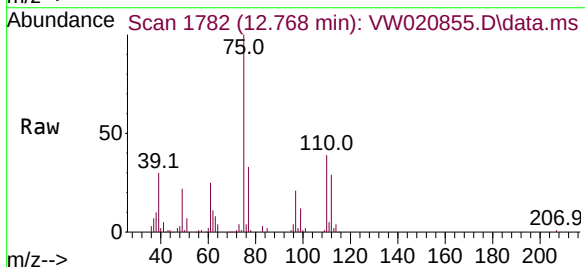
Tgt Ion: 75 Resp: 38852

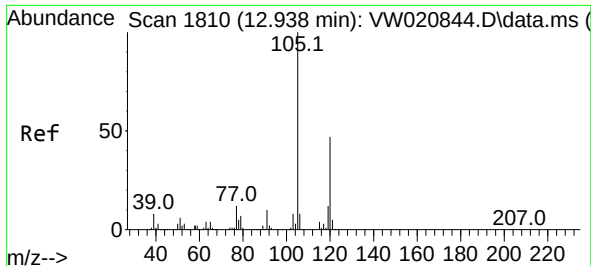
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8

110 41.9 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 20.546 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

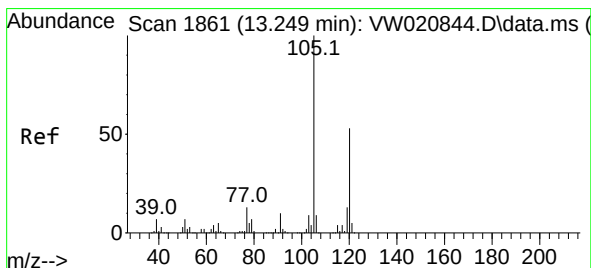
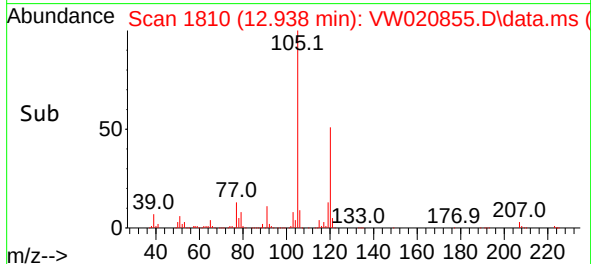
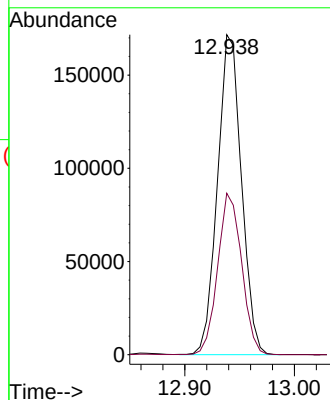
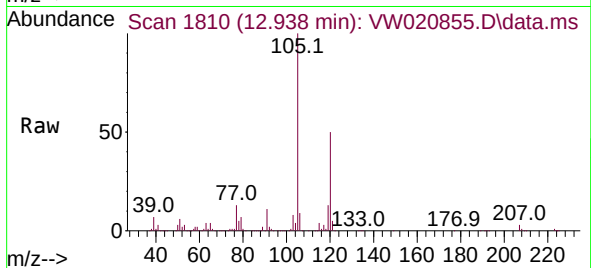
ClientSampleId :

Tgt Ion:105 Resp: 261272

Ion Ratio Lower Upper

105 100

120 50.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 20.644 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020855.D

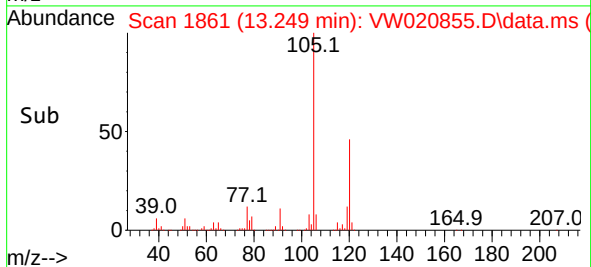
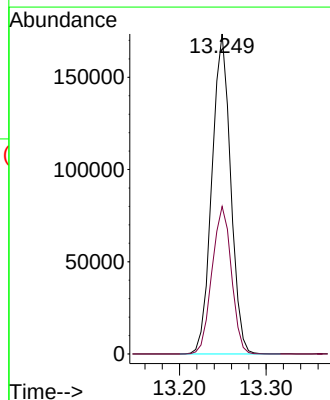
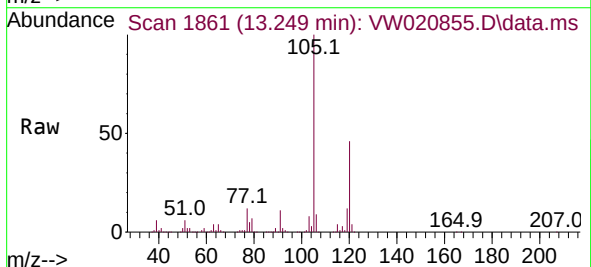
Acq: 11 Nov 2021 18:46

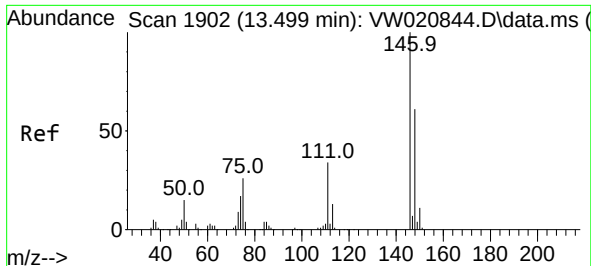
Tgt Ion:105 Resp: 260779

Ion Ratio Lower Upper

105 100

120 47.5 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 21.257 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

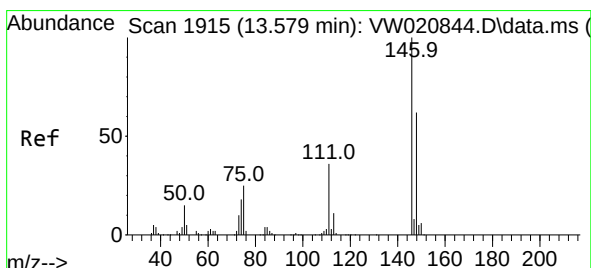
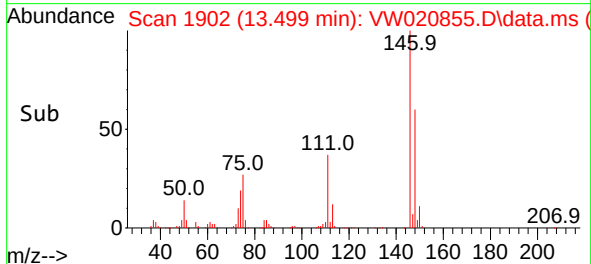
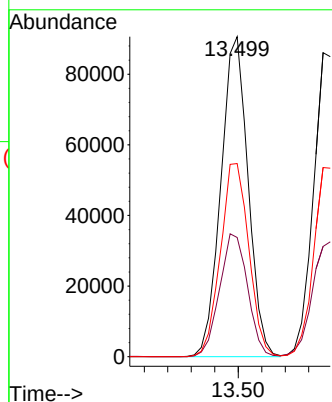
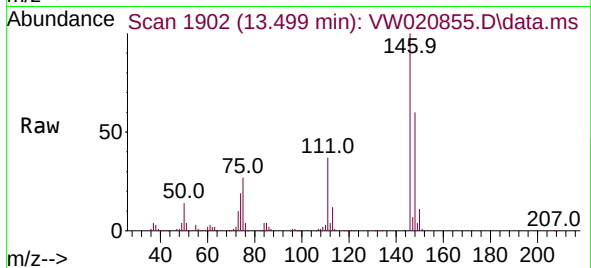
Tgt Ion:146 Resp: 145853

Ion Ratio Lower Upper

146 100

111 37.2 29.8 55.3

148 60.4 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 20.981 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

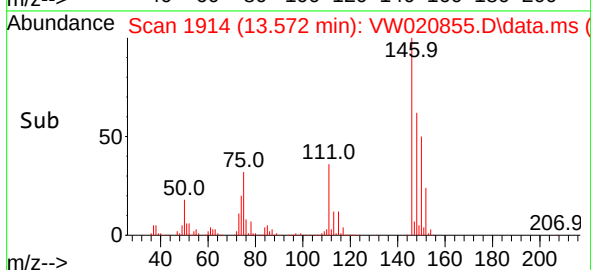
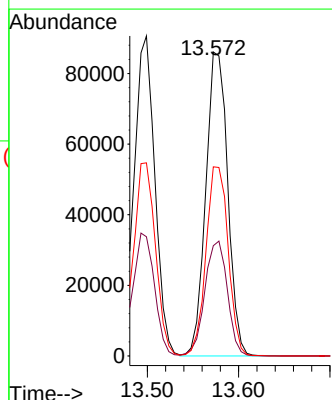
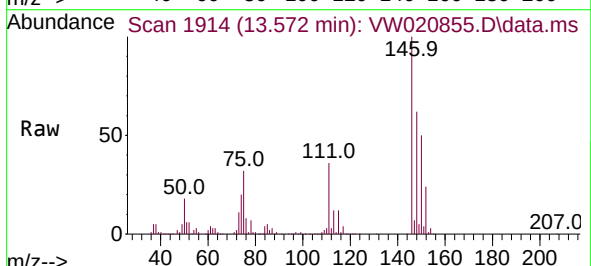
Tgt Ion:146 Resp: 143402

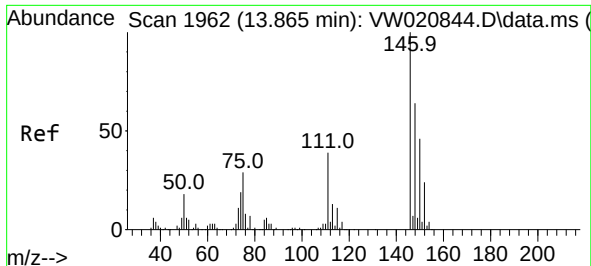
Ion Ratio Lower Upper

146 100

111 36.2 29.0 53.9

148 62.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.231 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

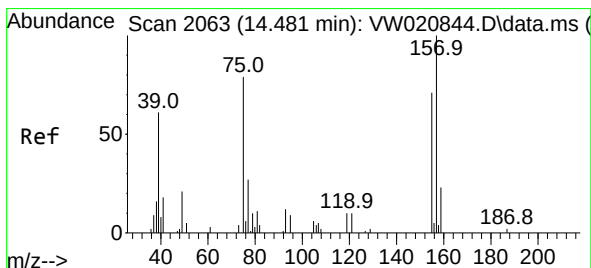
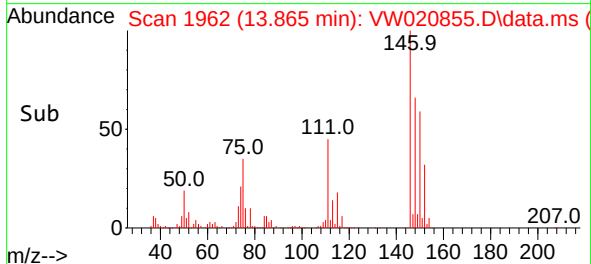
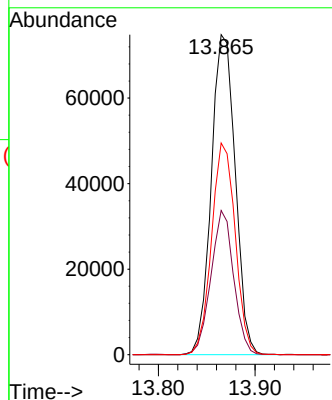
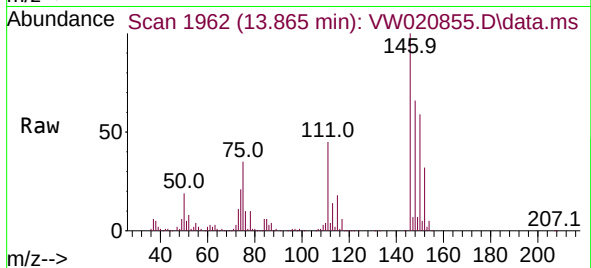
Tgt Ion:146 Resp: 128681

Ion Ratio Lower Upper

146 100

111 45.0 33.1 49.7

148 66.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.797 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

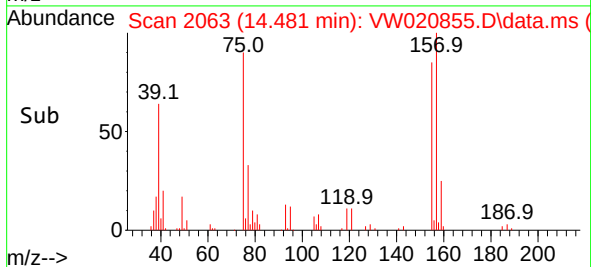
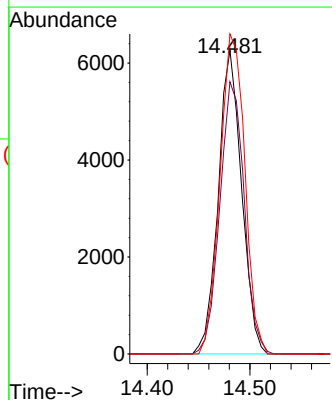
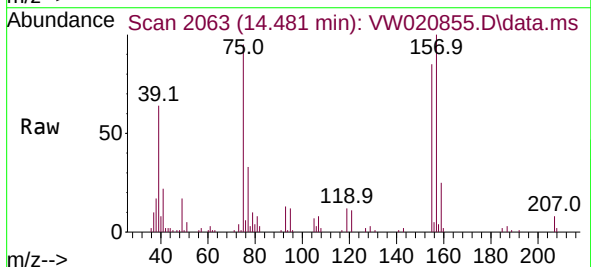
Tgt Ion: 75 Resp: 9888

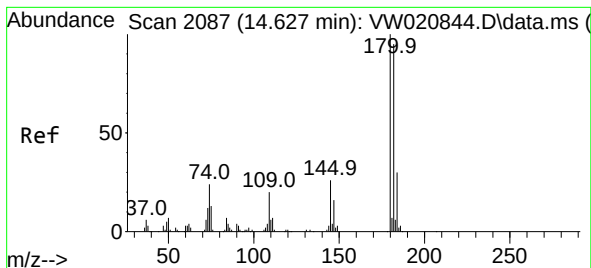
Ion Ratio Lower Upper

75 100

155 89.6 54.2 81.2#

157 105.3 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 21.211 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 115521

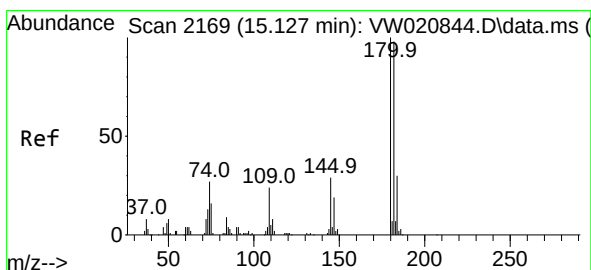
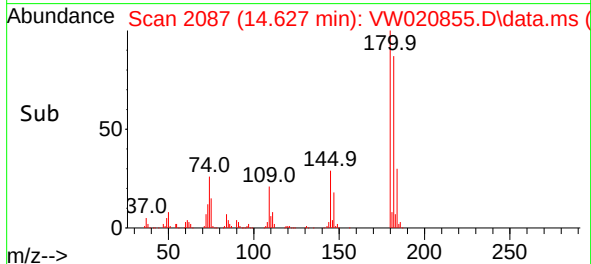
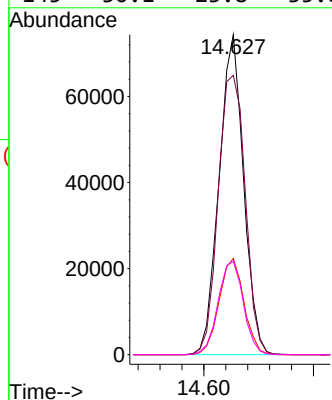
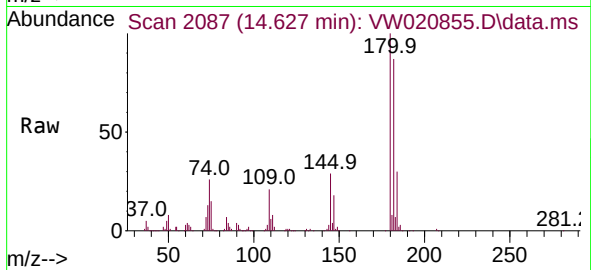
Ion Ratio Lower Upper

180 100

182 96.3 75.4 113.0

184 30.5 23.8 35.8

145 30.1 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 21.324 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

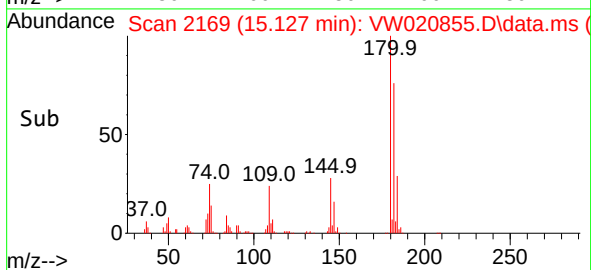
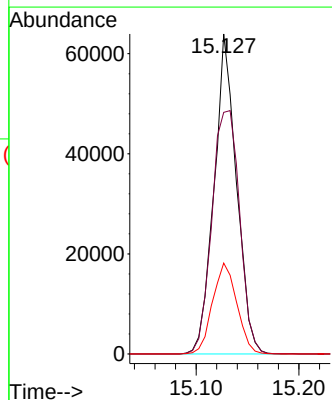
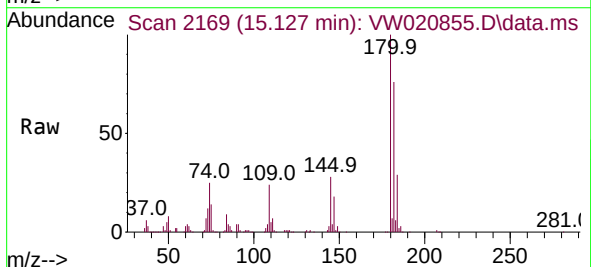
Tgt Ion:180 Resp: 96816

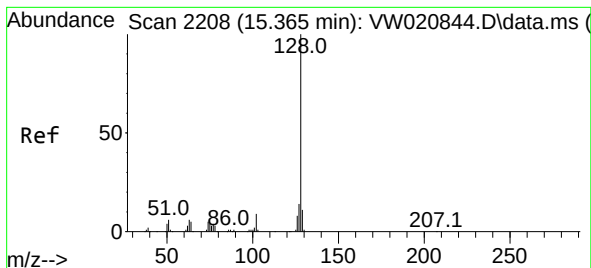
Ion Ratio Lower Upper

180 100

182 94.1 79.0 118.6

145 30.8 26.0 39.0





#71

Naphthalene

Concen: 23.009 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

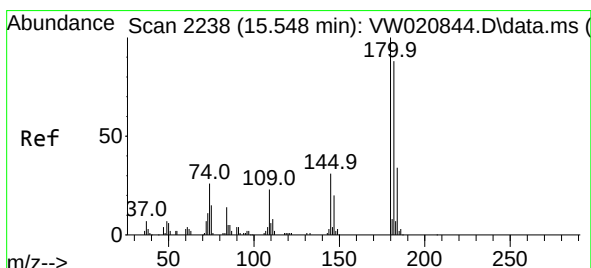
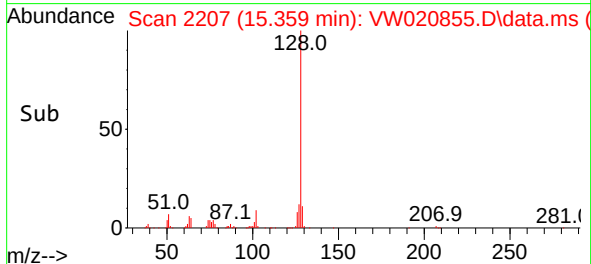
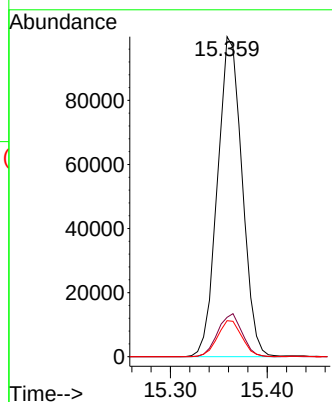
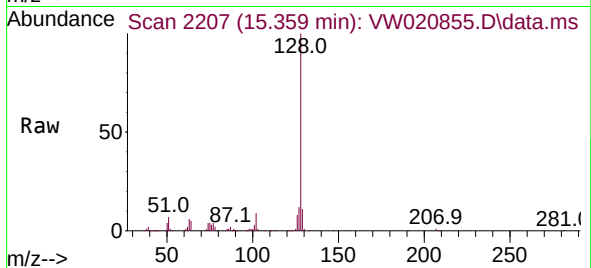
Tgt Ion:128 Resp: 176574

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.612 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW020855.D

Acq: 11 Nov 2021 18:46

Tgt Ion:180 Resp: 83384

Ion Ratio Lower Upper

180 100

182 92.6 76.6 114.8

145 32.0 27.4 41.0

