

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021035.D
 Acq On : 02 Dec 2021 10:21
 Operator : SY/VA
 Sample : M4881-21MS
 Misc : 4.04g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:22:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	63341	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	51455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	16600	22.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
7) Chloroethane-d5	2.885	69	14609	30.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.320%
11) 1,1-Dichloroethene-d2	4.019	63	34647	24.373	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.480%
21) 2-Butanone-d5	7.086	46	8595	46.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.740%
24) Chloroform-d	7.647	84	42251	26.473	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.880%
26) 1,2-Dichloroethane-d4	8.311	65	20391	25.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.275	84	78009	28.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.080%
36) 1,2-Dichloropropane-d6	9.274	67	22613	29.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.120%
41) Toluene-d8	10.323	98	74010	27.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	10.579	79	8485	23.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.000%
47) 2-Hexanone-d5	10.920	63	6639	51.835	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15372	25.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	18190	24.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4424	24.133	ug/L	91
3) Chloromethane	2.215	50	12721	22.825	ug/L	99
5) Vinyl chloride	2.361	62	24916	25.847	ug/L	96
6) Bromomethane	2.782	94	16276	30.449	ug/L	100
8) Chloroethane	2.922	64	12982	32.033	ug/L	96
9) Trichlorofluoromethane	3.257	101	19333	34.430	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	21841	25.587	ug/L	# 73
12) 1,1-Dichloroethene	4.044	96	19117	24.088	ug/L	# 65
13) Acetone	4.123	43	7541	46.057	ug/L	91
14) Carbon disulfide	4.379	76	41354	19.267	ug/L	98
15) Methyl Acetate	4.678	43	6272	21.360	ug/L	# 91
16) Methylene chloride	4.915	84	21230	24.032	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	19963	23.339	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	33106	25.785	ug/L	95
19) 1,1-Dichloroethane	6.220	63	35472	25.029	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	21785	23.632	ug/L	78
22) 2-Butanone	7.171	43	9264	41.644	ug/L	90
23) Bromochloromethane	7.519	128	10152	24.089	ug/L	# 66
25) Chloroform	7.677	83	39483	25.488	ug/L	96

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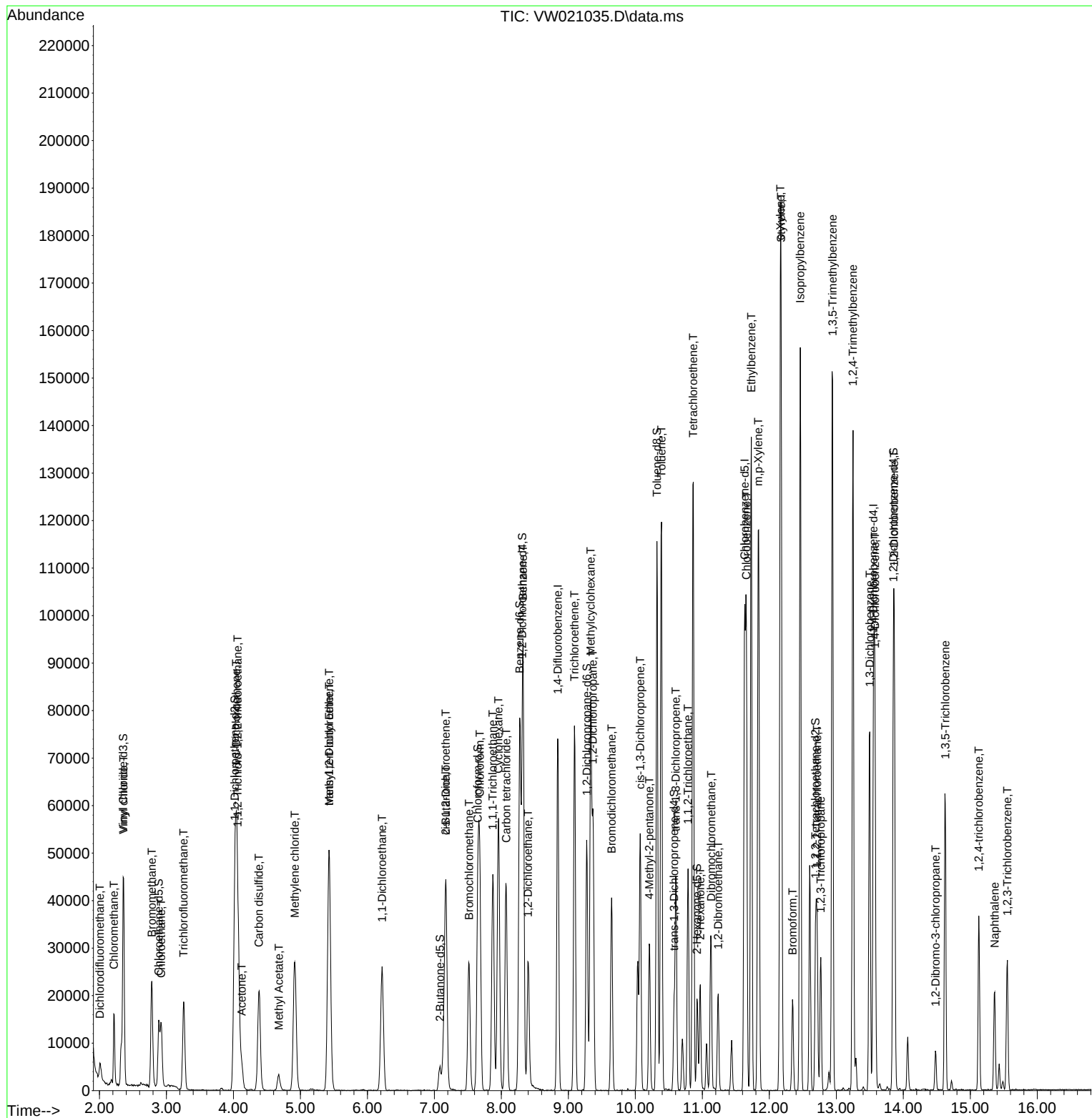
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	23664	25.229	ug/L #	95
29) Cyclohexane	7.958	56	29196	25.451	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	36541	29.531	ug/L	95
31) Carbon tetrachloride	8.073	117	31951	27.282	ug/L	96
33) Benzene	8.323	78	79213	27.189	ug/L	100
34) Trichloroethene	9.091	95	24653	30.253	ug/L	93
35) Methylcyclohexane	9.335	83	33643	25.041	ug/L #	86
37) 1,2-Dichloropropane	9.366	63	18950	27.948	ug/L #	95
38) Bromodichloromethane	9.646	83	25702	26.414	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	27907	24.928	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	19535	48.406	ug/L #	91
42) Toluene	10.390	91	86769	26.478	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	22759	23.132	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	14309	27.134	ug/L	95
46) Tetrachloroethene	10.866	164	30182	40.339	ug/L	90
48) 2-Hexanone	10.969	43	14059	50.293	ug/L #	97
49) Dibromochloromethane	11.134	129	17026	23.419	ug/L	91
50) 1,2-Dibromoethane	11.237	107	12742	24.101	ug/L #	95
51) Chlorobenzene	11.658	112	50214	23.039	ug/L	92
52) Ethylbenzene	11.731	91	94080	25.909	ug/L	97
53) m,p-Xylene	11.835	106	40000	26.981	ug/L	82
54) o-Xylene	12.164	106	35888	25.206	ug/L	97
55) Styrene	12.176	104	50632	21.416	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	14632	25.034	ug/L #	98
59) Bromoform	12.347	173	8503	27.611	ug/L	98
60) Isopropylbenzene	12.463	105	99483	35.364	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	10246	33.820	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	81002	34.133	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	73576	31.424	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	32175	24.395	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	30538	22.954	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	28079	24.160	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1878	25.929	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	19845	18.997	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	11211	13.118	ug/L	98
71) Naphthalene	15.365	128	18212	13.078	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	9550	13.242	ug/L	98

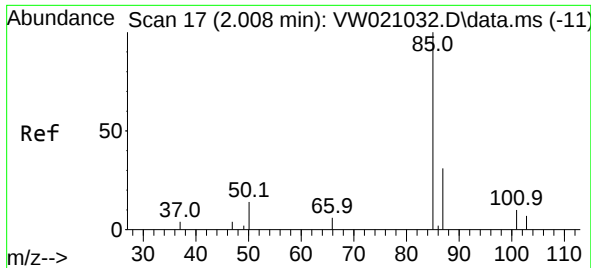
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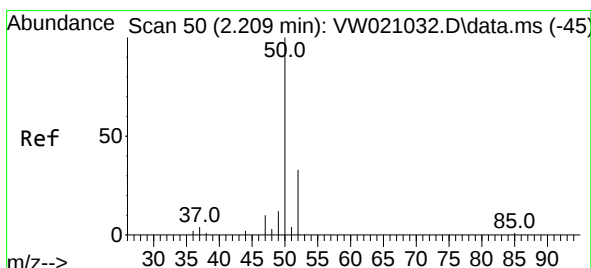
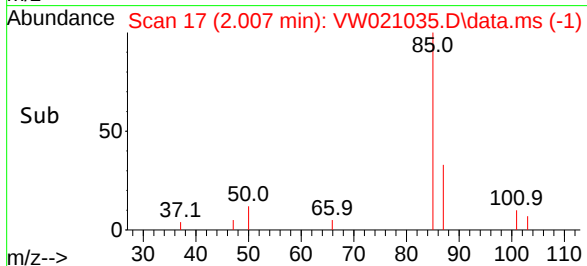
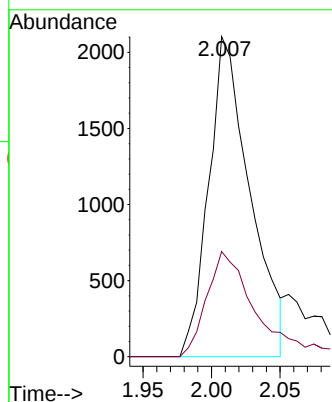
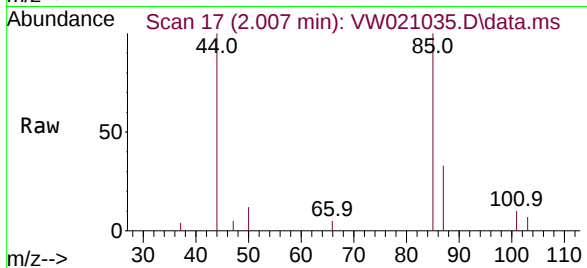




#2
 Dichlorodifluoromethane
 Concen: 24.133 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021035.D
 Acq: 02 Dec 2021 10:21

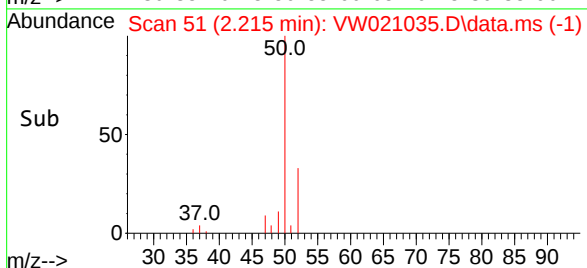
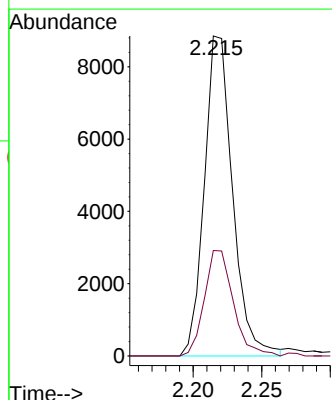
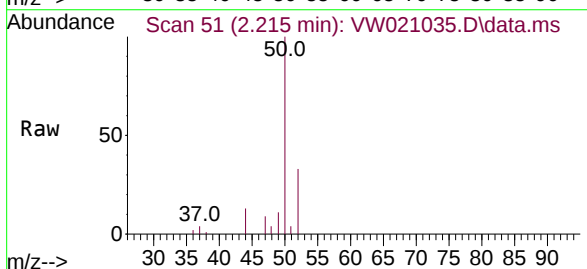
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 MSVOA_W
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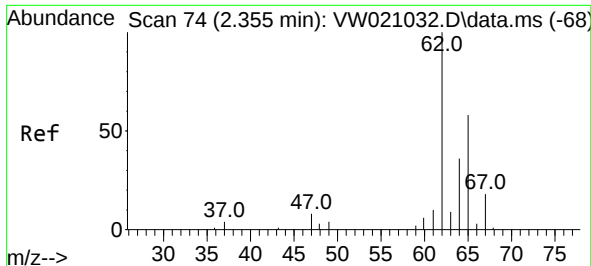
Tgt Ion: 85 Resp: 4424
 Ion Ratio Lower Upper
 85 100
 87 37.2 25.8 38.6



#3
 Chloromethane
 Concen: 22.825 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021035.D
 Acq: 02 Dec 2021 10:21

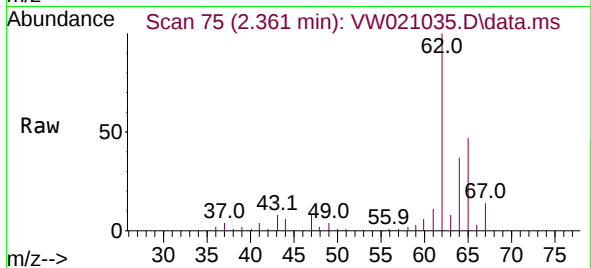
Tgt Ion: 50 Resp: 12721
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6



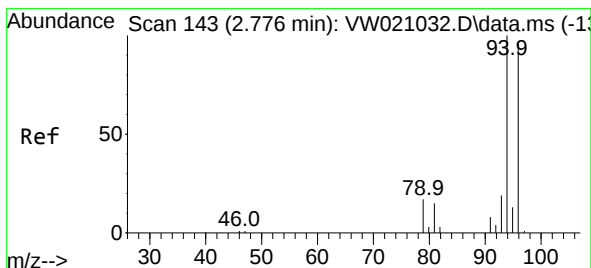
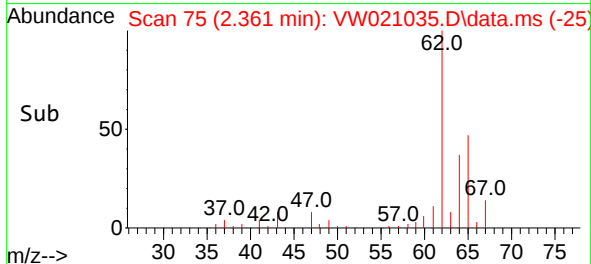
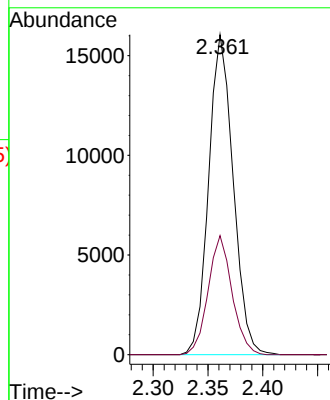


#5
 Vinyl chloride
 Concen: 25.847 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021035.D
 Acq: 02 Dec 2021 10:21

Instrument :
 MSVOA_W
 ClientSampleId :

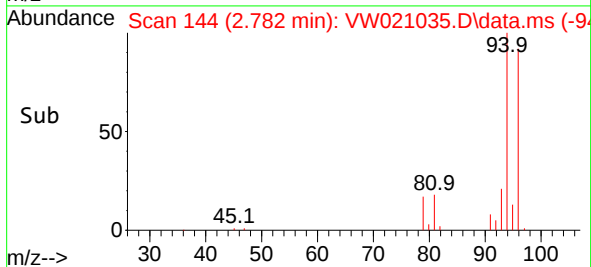
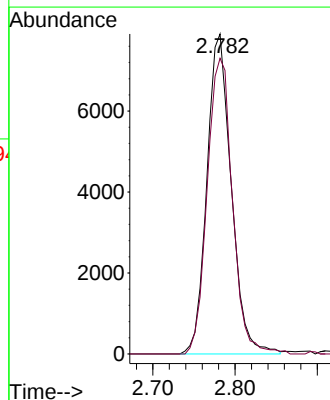
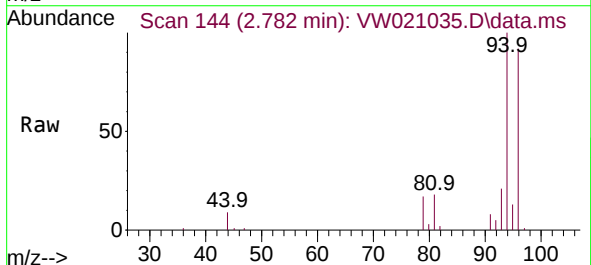


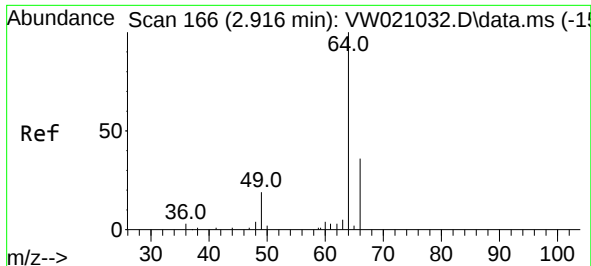
Tgt Ion: 62 Resp: 24916
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.4 45.2



#6
 Bromomethane
 Concen: 30.449 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021035.D
 Acq: 02 Dec 2021 10:21

Tgt Ion: 94 Resp: 16276
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.8 120.4





#8

Chloroethane

Concen: 32.033 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

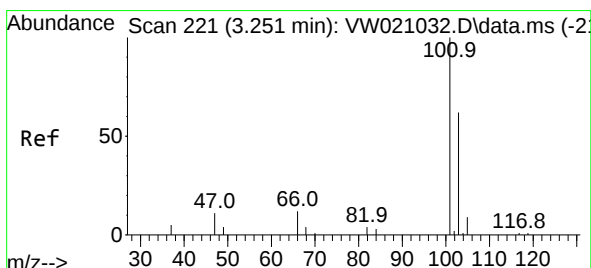
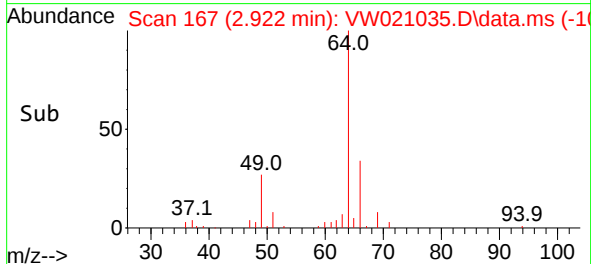
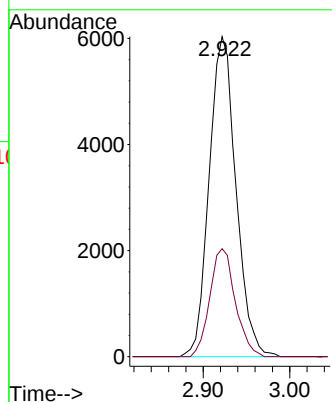
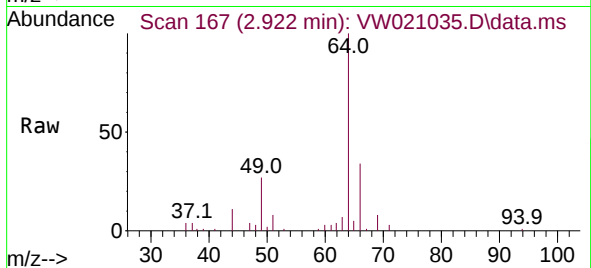
ClientSampleId :

Tgt Ion: 64 Resp: 12982

Ion Ratio Lower Upper

64 100

66 33.8 22.0 40.8



#9

Trichlorofluoromethane

Concen: 34.430 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.006 min

Lab File: VW021035.D

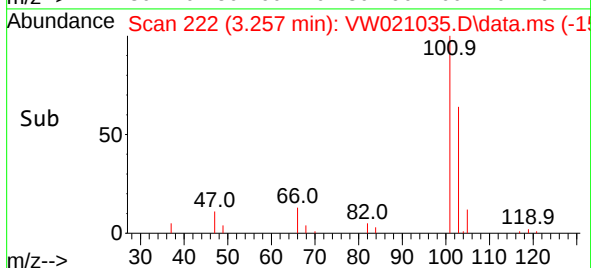
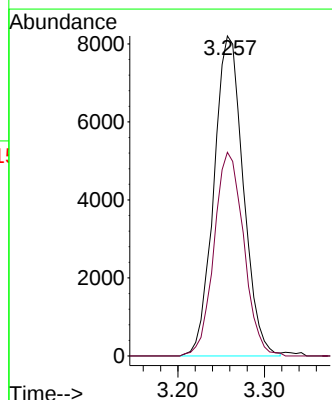
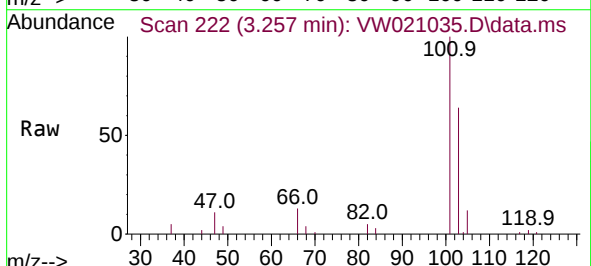
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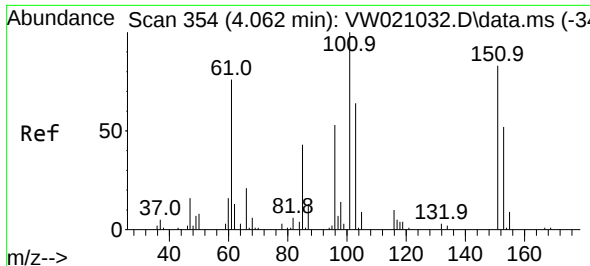
Tgt Ion:101 Resp: 19333

Ion Ratio Lower Upper

101 100

103 64.1 51.4 77.2

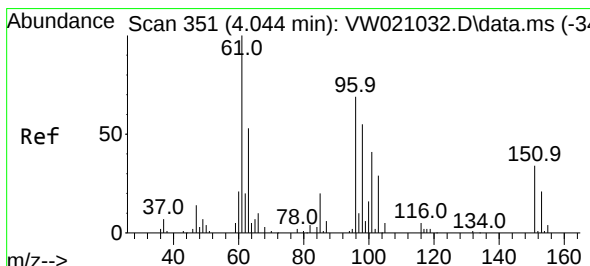
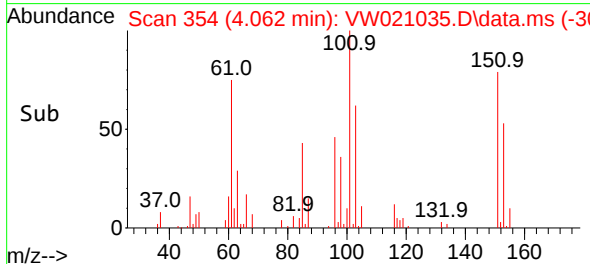
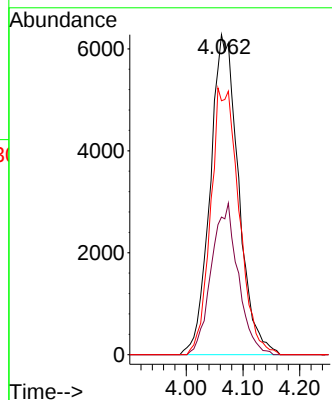
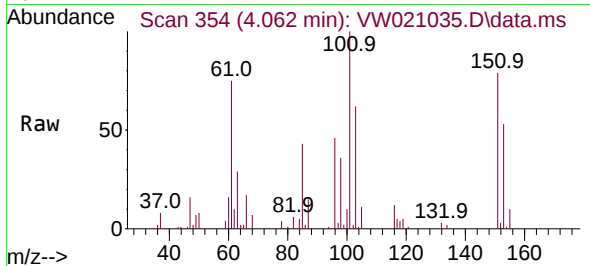




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.587 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW021035.D
 Acq: 02 Dec 2021 10:21

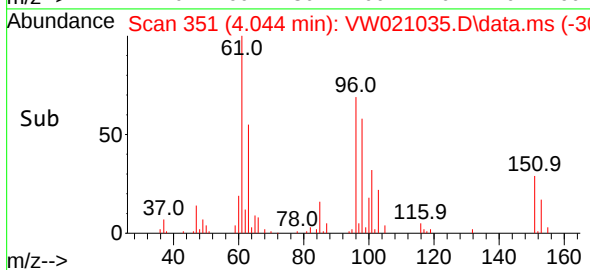
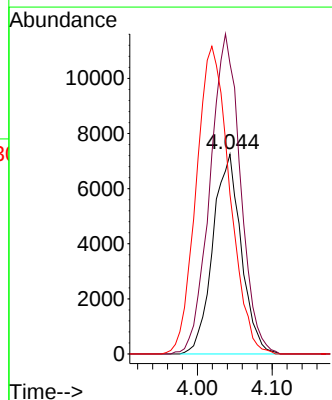
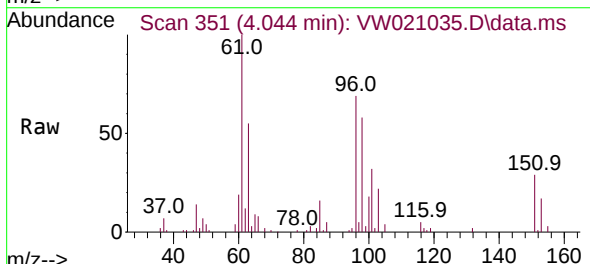
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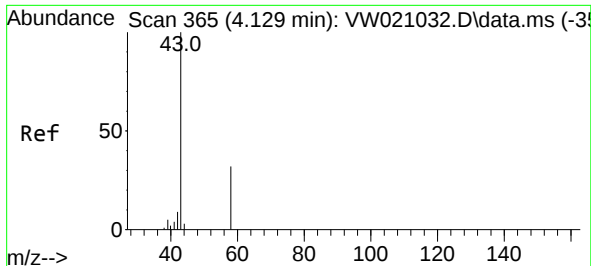
Tgt Ion:101 Resp: 21841
 Ion Ratio Lower Upper
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 85 44.4 36.6 54.8
 151 36.0 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 24.088 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW021035.D
 Acq: 02 Dec 2021 10:21

Tgt Ion: 96 Resp: 19117
 Ion Ratio Lower Upper
 96 100
 61 145.4 138.3 256.9
 63 80.0 82.6 153.4#

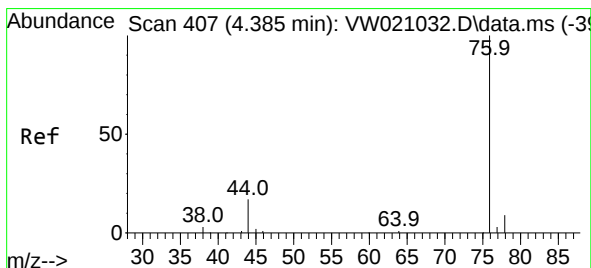
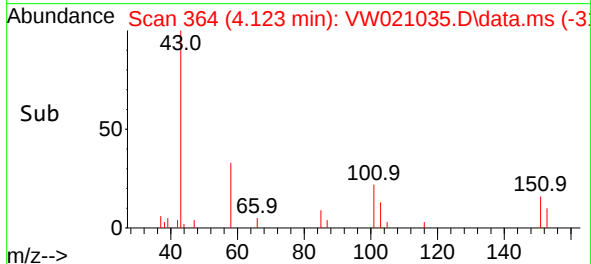
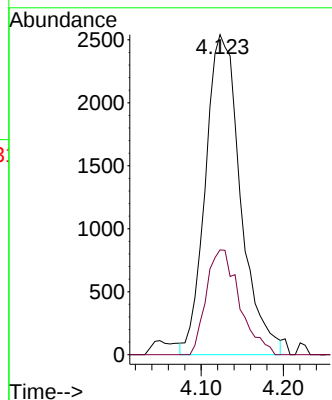
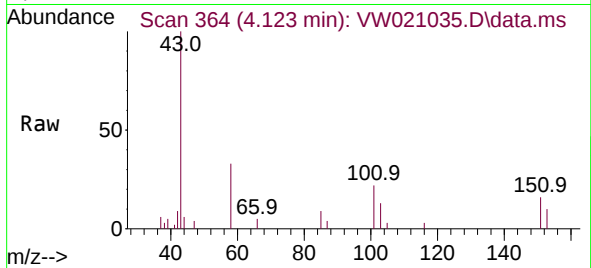




#13
Acetone
Concen: 46.057 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

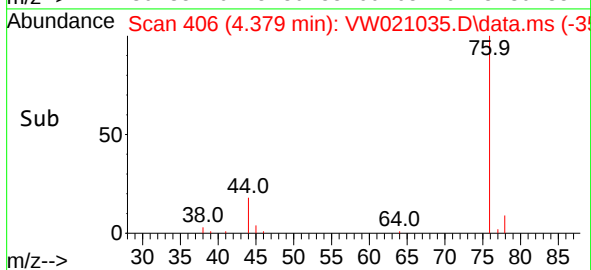
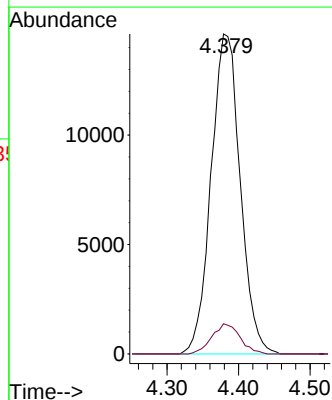
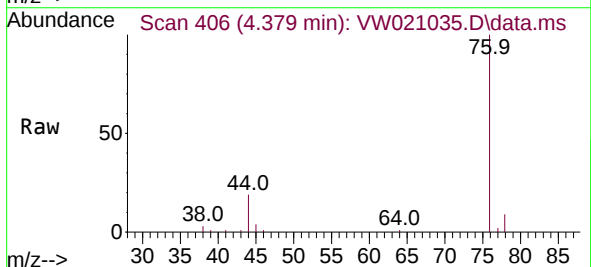
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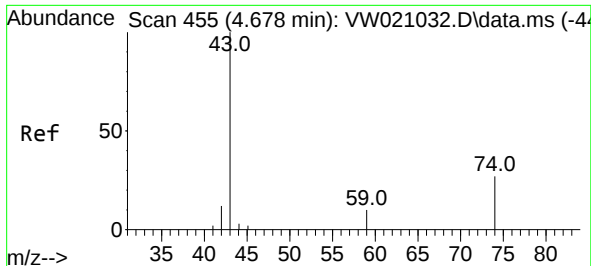
Tgt Ion: 43 Resp: 7541
Ion Ratio Lower Upper
43 100
58 31.0 0.0 52.8



#14
Carbon disulfide
Concen: 19.267 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 41354
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

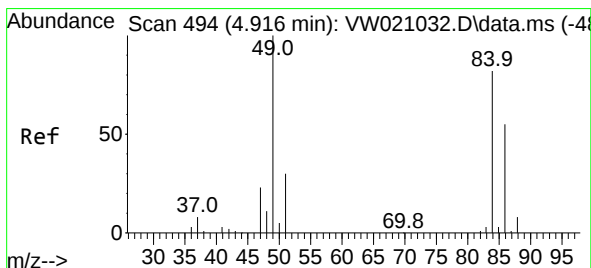
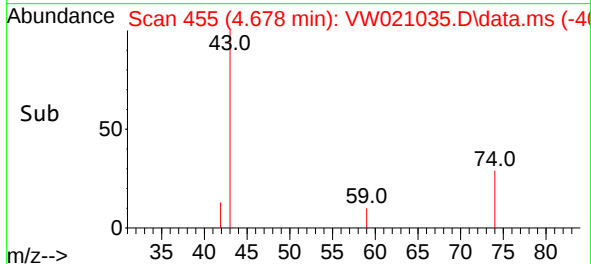
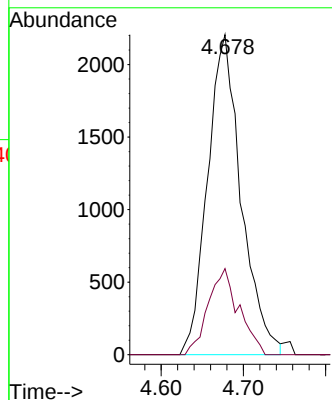
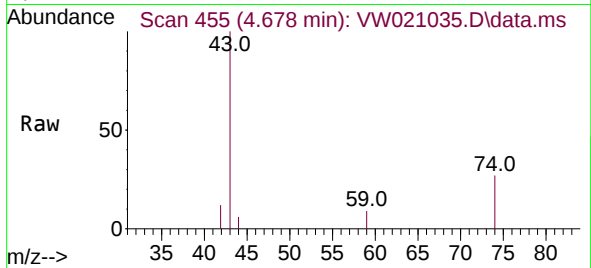




#15
Methyl Acetate
Concen: 21.360 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

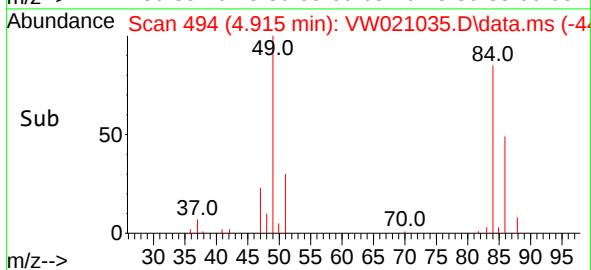
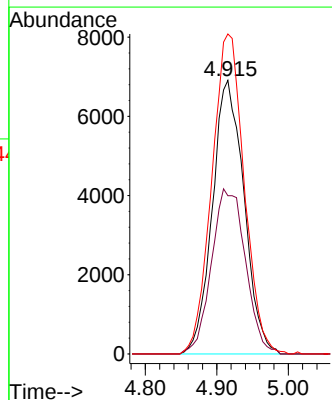
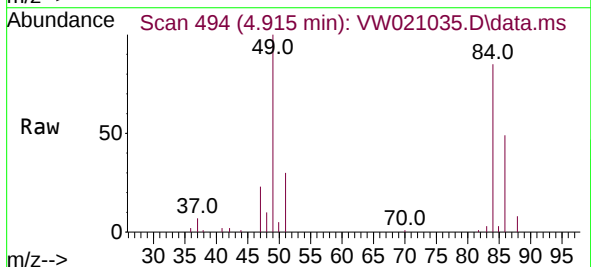
Instrument :
MSVOA_W
ClientSampleId :

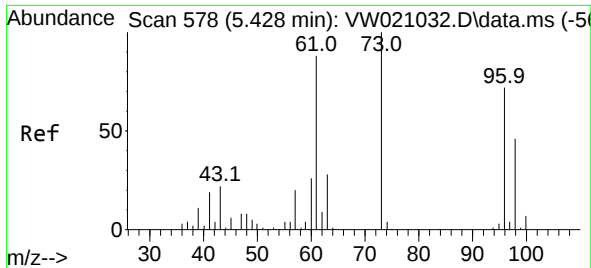
Tgt Ion: 43 Resp: 6272
Ion Ratio Lower Upper
43 100
74 24.6 16.4 24.6#



#16
Methylene chloride
Concen: 24.032 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 84 Resp: 21230
Ion Ratio Lower Upper
84 100
86 57.9 45.5 84.5
49 117.0 100.5 186.7

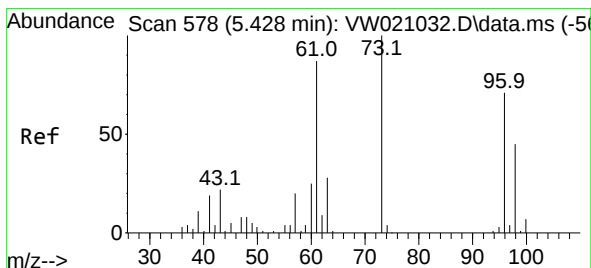
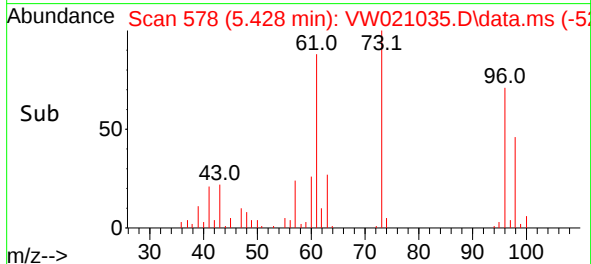
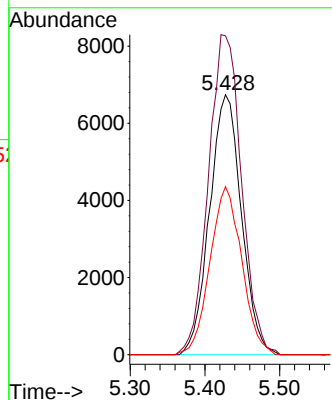
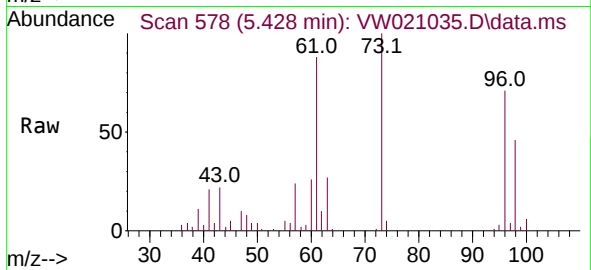




#17
trans-1,2-Dichloroethene
Concen: 23.339 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

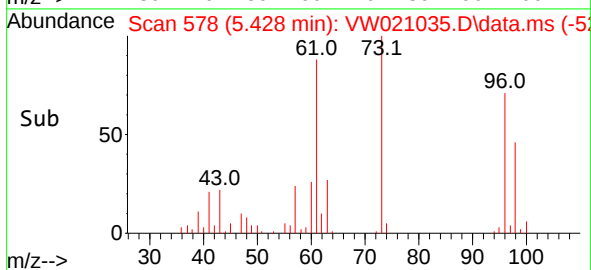
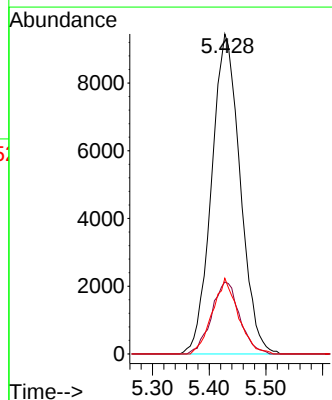
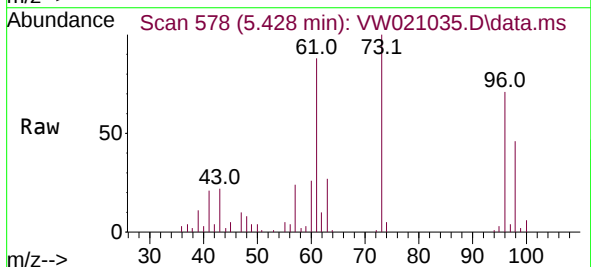
Instrument :
MSVOA_W
ClientSampleId :

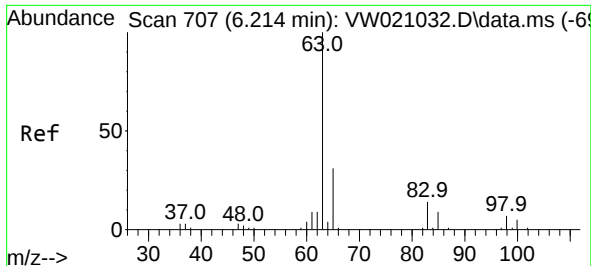
Tgt Ion: 96 Resp: 19963
Ion Ratio Lower Upper
96 100
61 122.6 107.4 199.4
98 64.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.785 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 73 Resp: 33106
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 21.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.029 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021035.D

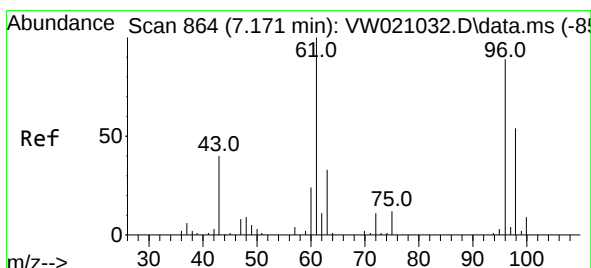
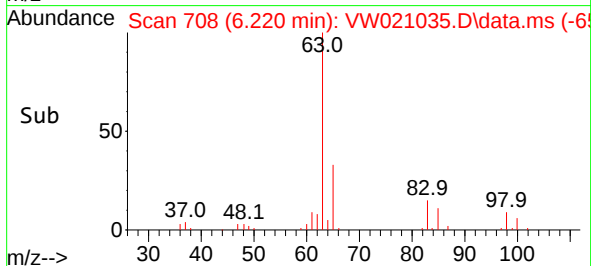
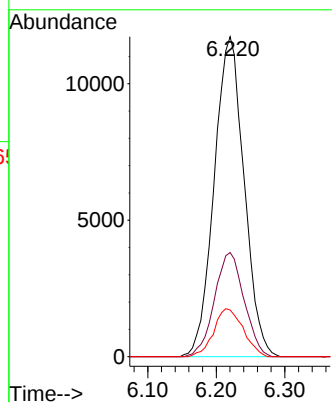
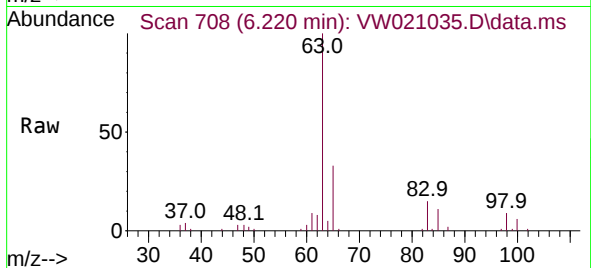
Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 35472
Ion Ratio	Lower Upper
63 100	
65 32.5	22.1 41.1
83 14.6	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.632 ug/L

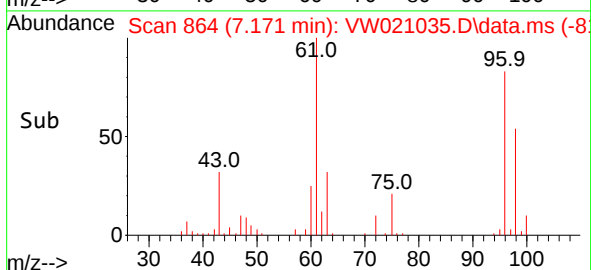
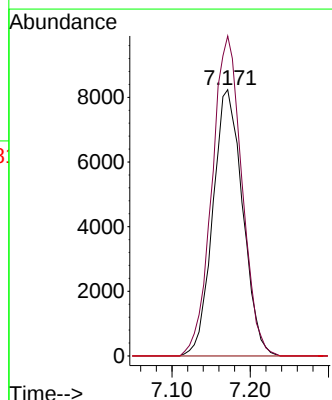
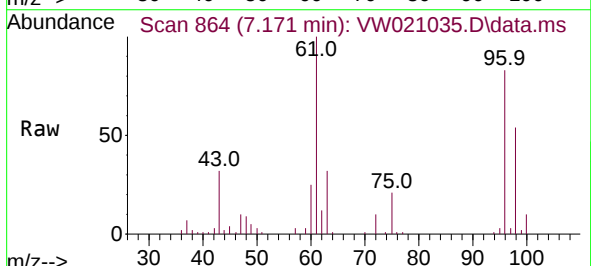
RT: 7.171 min Scan# 864

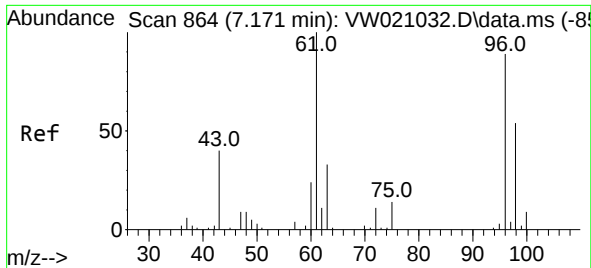
Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Tgt Ion: 96	Resp: 21785
Ion Ratio	Lower Upper
96 100	
61 120.2	103.7 192.7
68 0.0	0.0 0.0

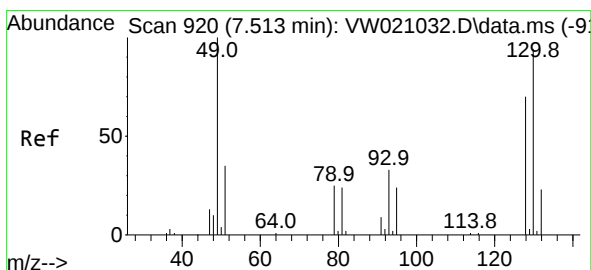
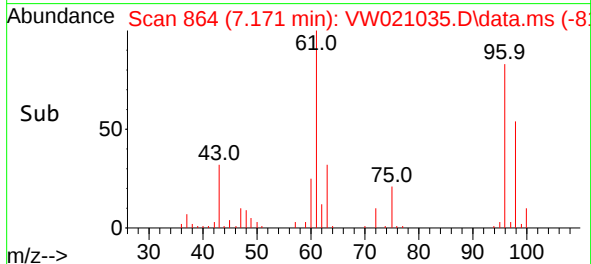
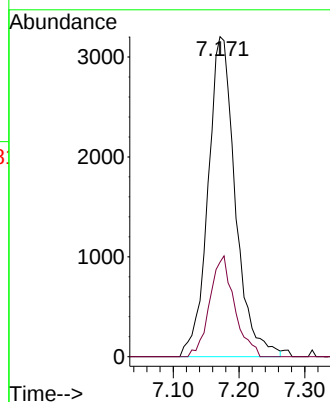
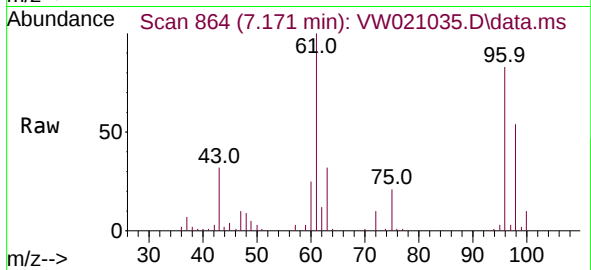




#22
2-Butanone
Concen: 41.644 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

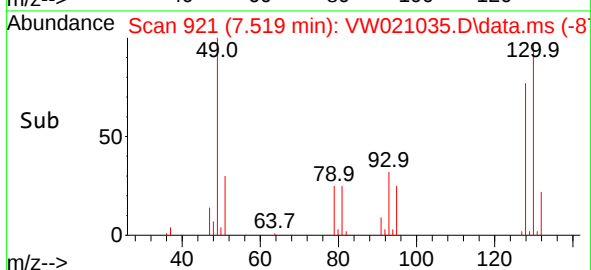
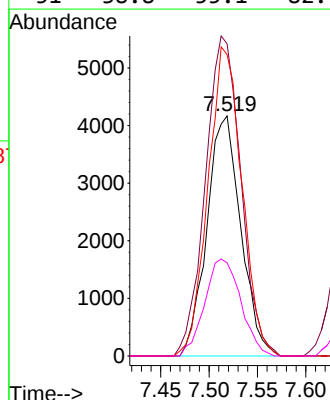
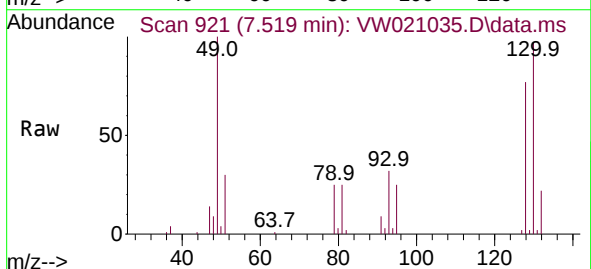
Instrument :
MSVOA_W
ClientSampleId :

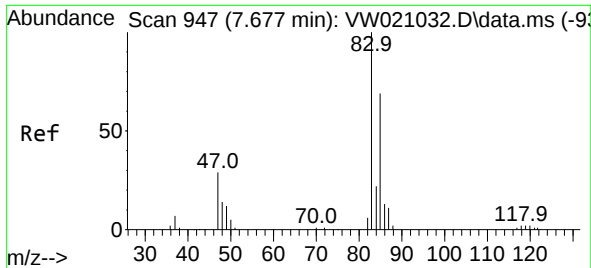
Tgt Ion: 43 Resp: 9264
Ion Ratio Lower Upper
43 100
72 28.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.089 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 128 Resp: 10152
Ion Ratio Lower Upper
128 100
49 130.0 150.3 279.1#
130 125.6 88.3 163.9
51 38.8 55.1 82.7#

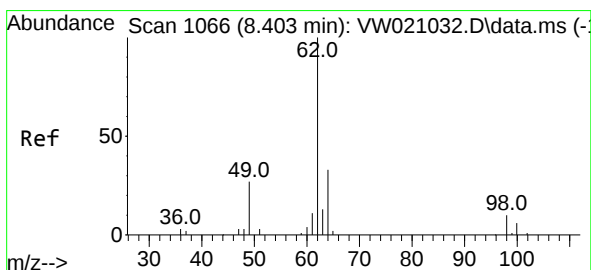
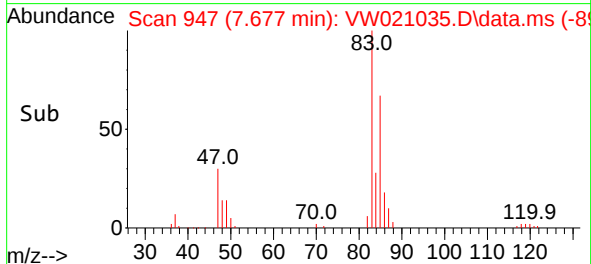
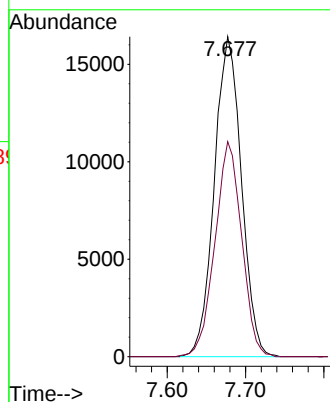
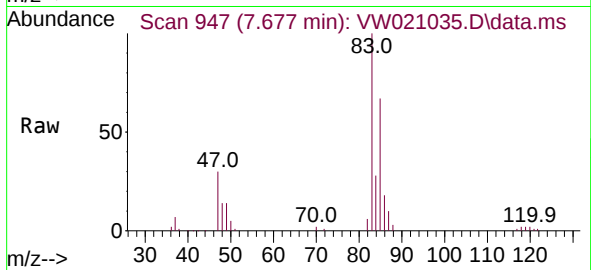




#25
Chloroform
Concen: 25.488 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

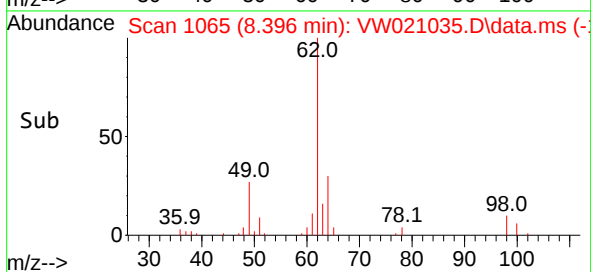
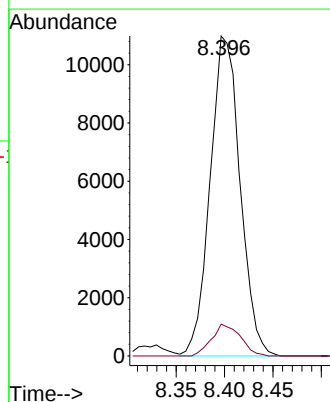
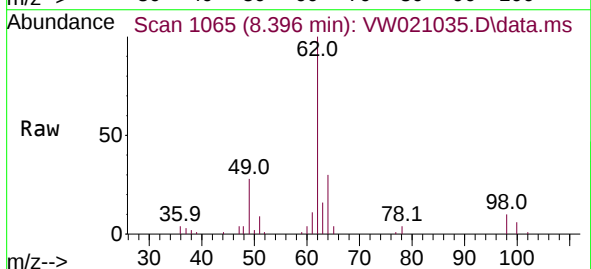
Instrument :
MSVOA_W
ClientSampleId :

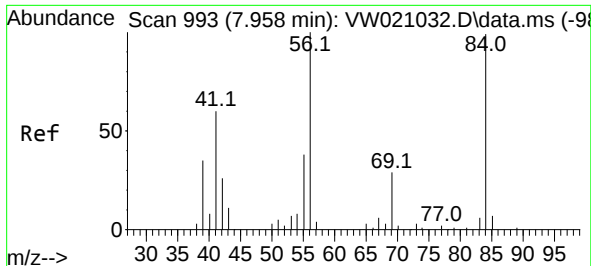
Tgt Ion: 83 Resp: 39483
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.229 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 62 Resp: 23664
Ion Ratio Lower Upper
62 100
98 9.9 6.5 9.7#





#29

Cyclohexane

Concen: 25.451 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021035.D

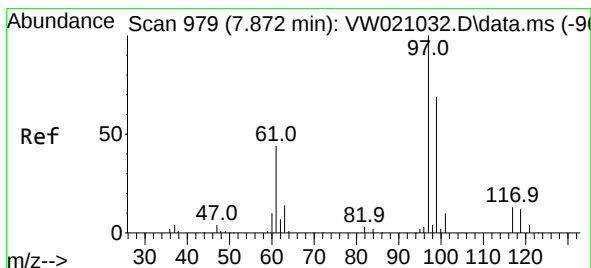
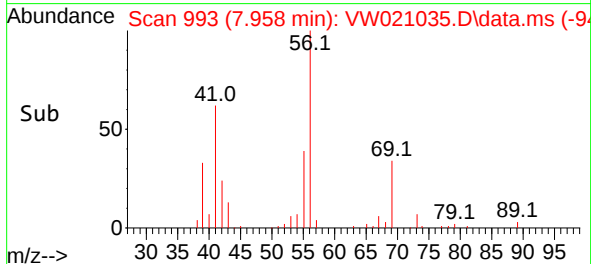
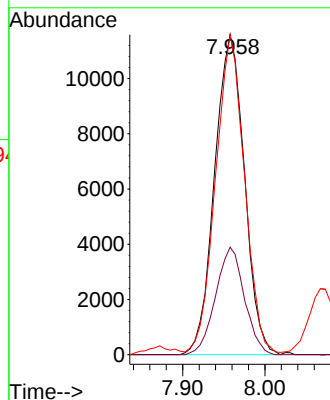
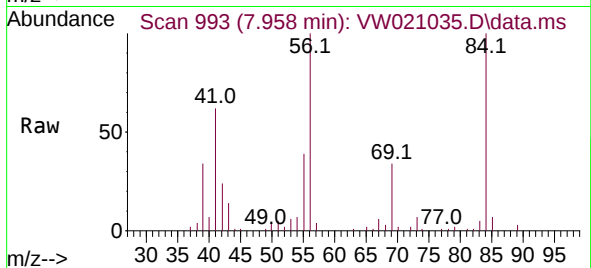
Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	29196
Ion	Ratio	Lower	Upper
56	100		
69	32.4	23.5	35.3
84	97.2	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 29.531 ug/L

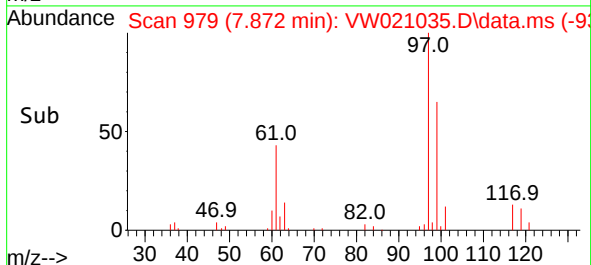
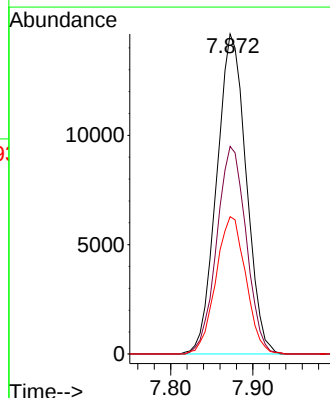
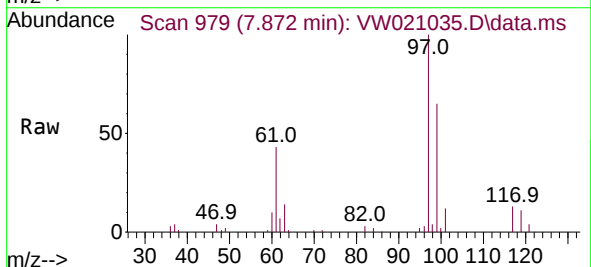
RT: 7.872 min Scan# 979

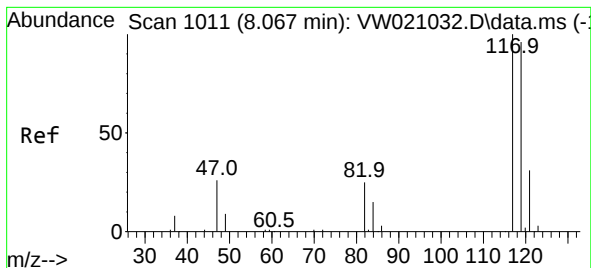
Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Tgt Ion:	97	Resp:	36541
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.5	40.9	61.3

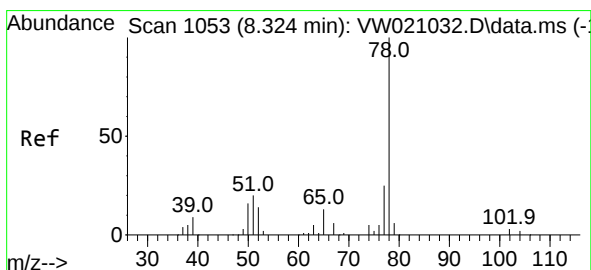
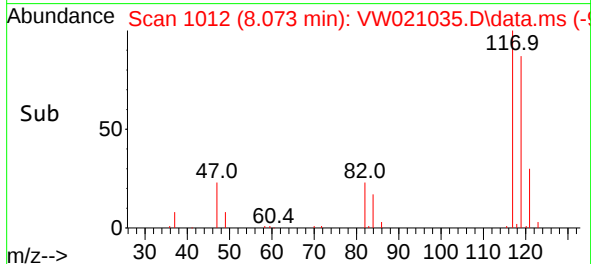
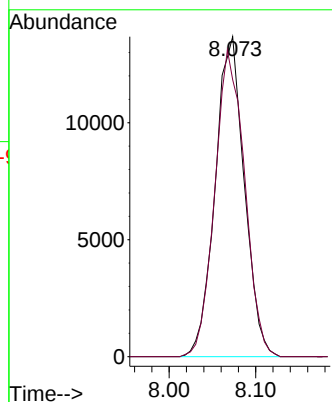
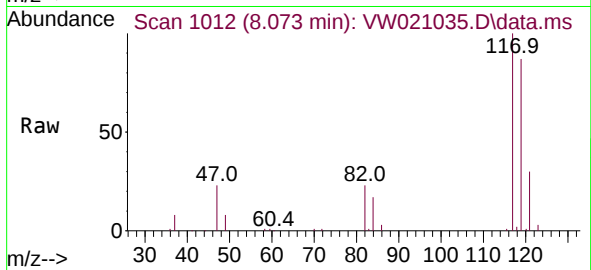




#31
Carbon tetrachloride
Concen: 27.282 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

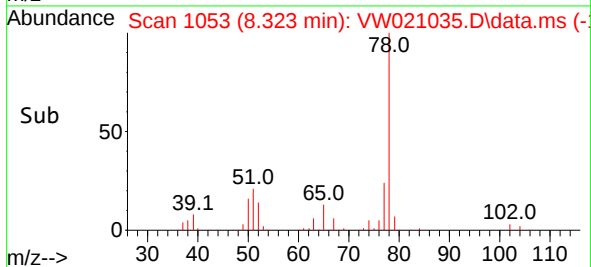
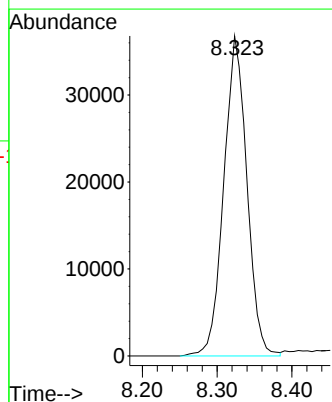
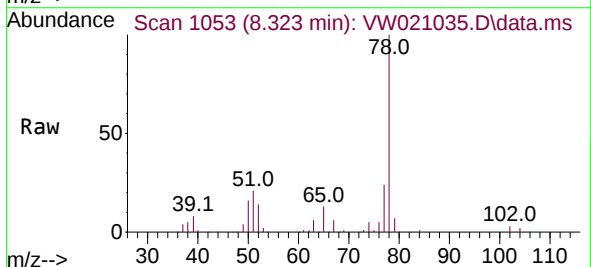
Instrument :
MSVOA_W
ClientSampleId :

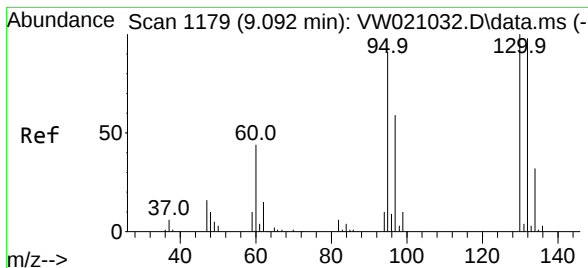
Tgt Ion:117 Resp: 31951
Ion Ratio Lower Upper
117 100
119 98.3 75.7 113.5



#33
Benzene
Concen: 27.189 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 78 Resp: 79213





#34

Trichloroethene

Concen: 30.253 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

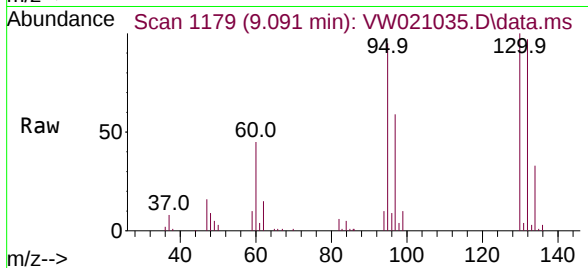
Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 24653

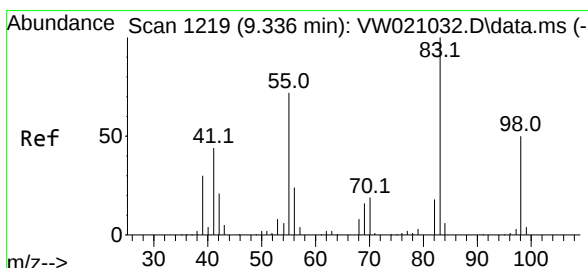
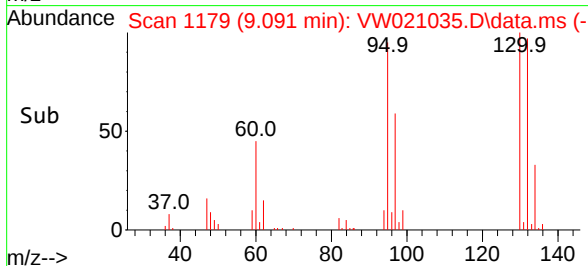
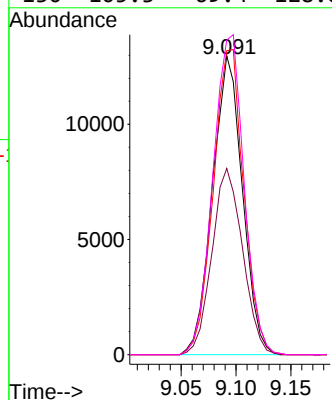
Ion Ratio Lower Upper

95 100

97 62.3 47.0 87.2

132 101.7 65.5 121.6

130 105.3 69.4 128.8



#35

Methylcyclohexane

Concen: 25.041 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

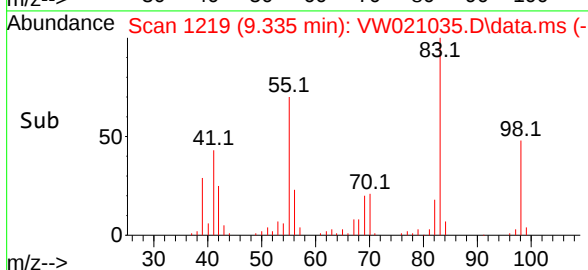
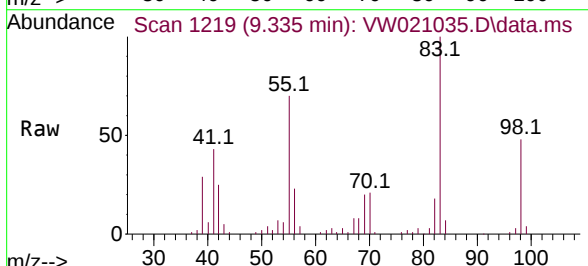
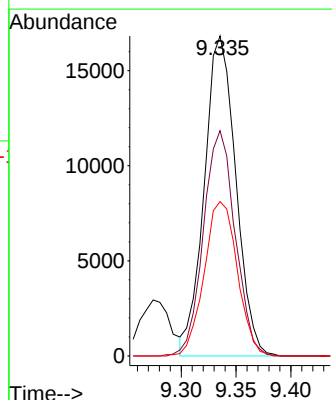
Tgt Ion: 83 Resp: 33643

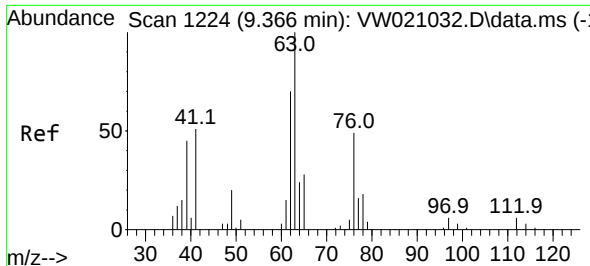
Ion Ratio Lower Upper

83 100

55 70.8 70.8 106.2#

98 50.7 37.7 56.5





#37

1,2-Dichloropropane

Concen: 27.948 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

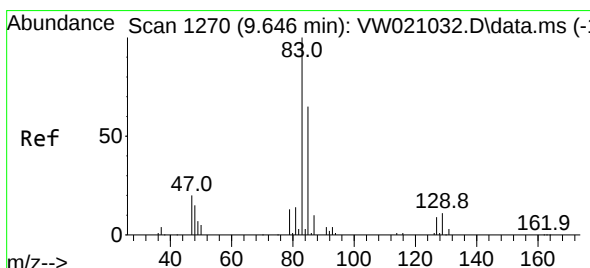
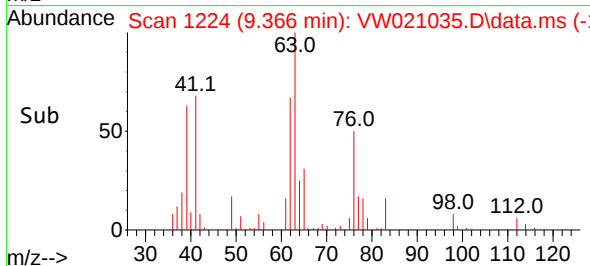
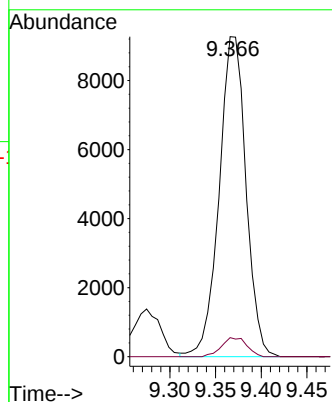
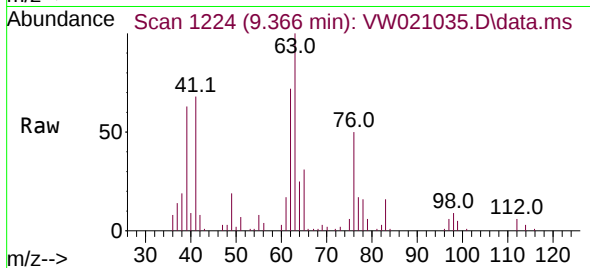
ClientSampleId :

Tgt Ion: 63 Resp: 18950

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.414 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

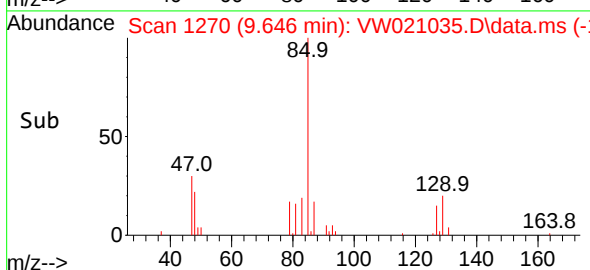
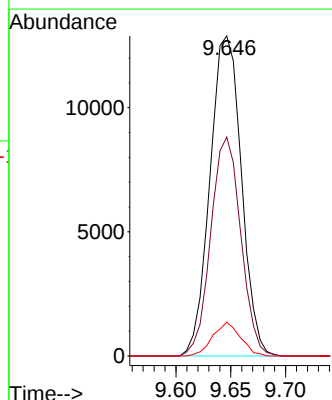
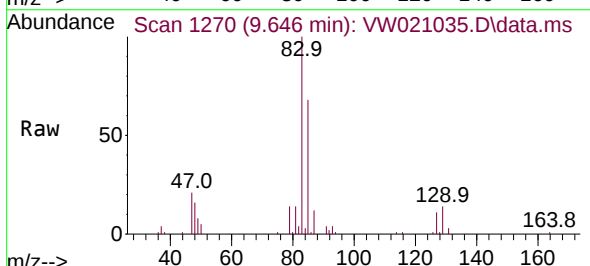
Tgt Ion: 83 Resp: 25702

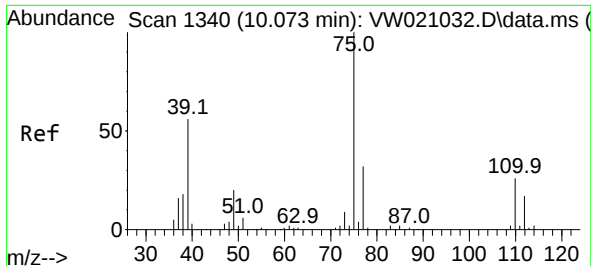
Ion Ratio Lower Upper

83 100

85 68.4 44.1 81.9

127 10.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.928 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

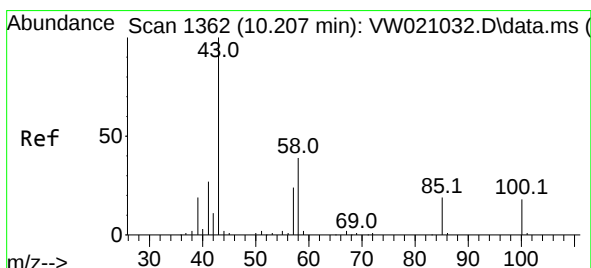
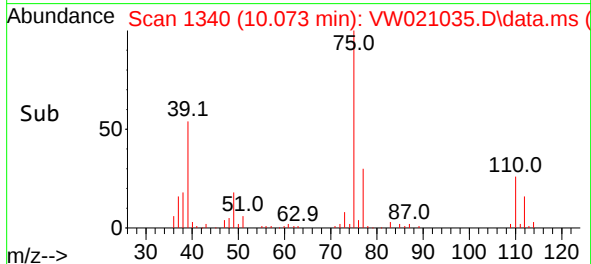
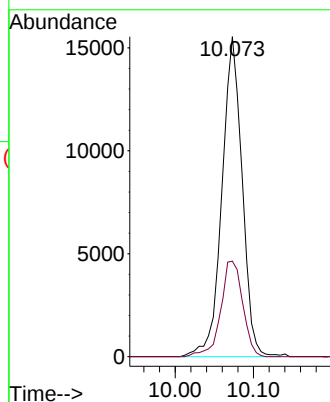
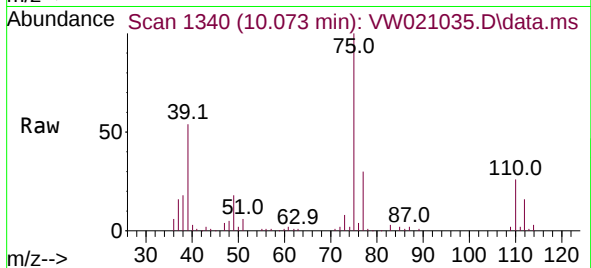
ClientSampleId :

Tgt Ion: 75 Resp: 27907

Ion Ratio Lower Upper

75 100

77 29.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.406 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

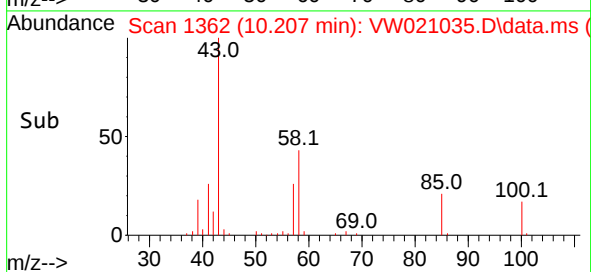
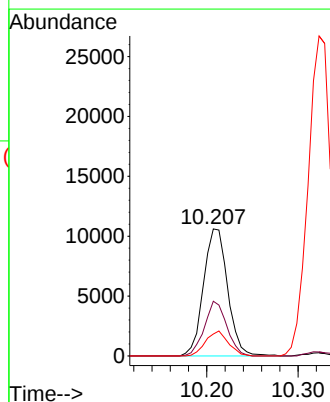
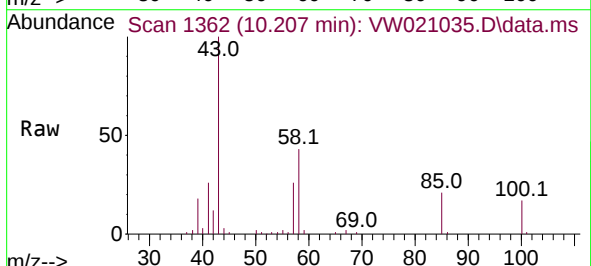
Tgt Ion: 43 Resp: 19535

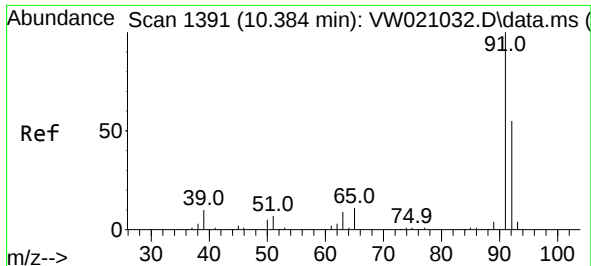
Ion Ratio Lower Upper

43 100

58 39.7 28.8 43.2

100 18.4 10.0 15.0#

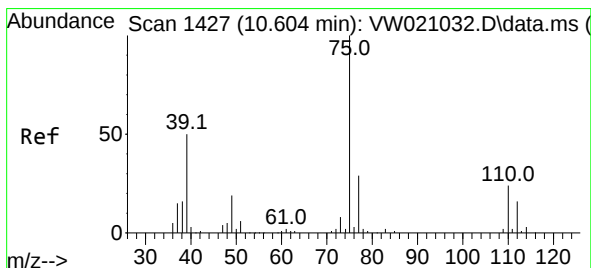
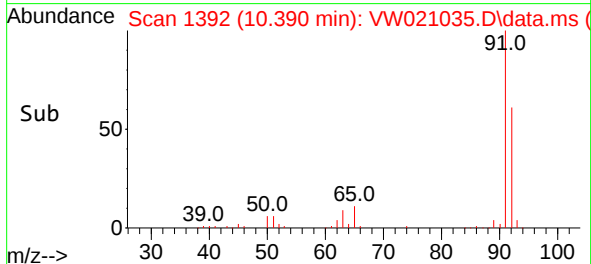
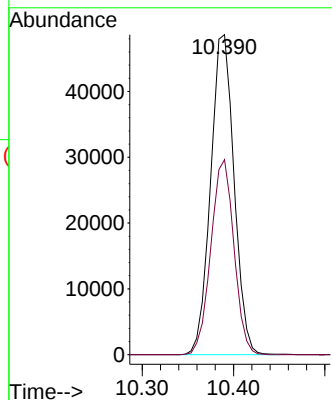
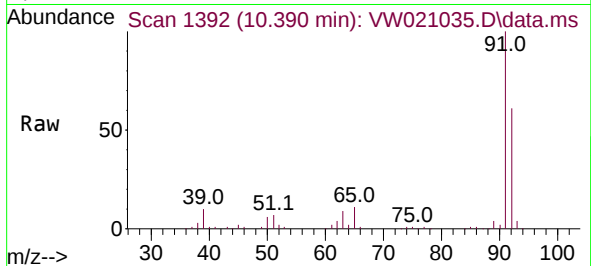




#42
Toluene
Concen: 26.478 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

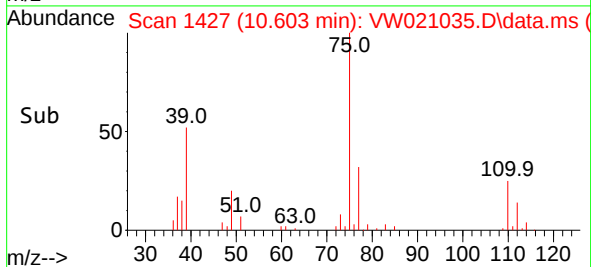
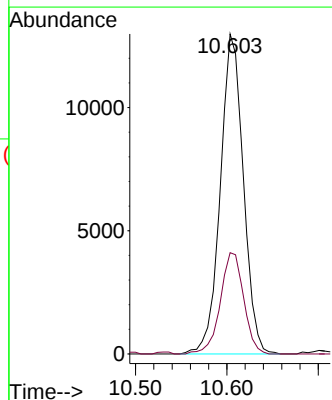
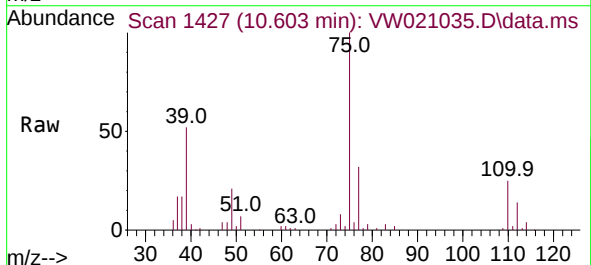
Instrument :
MSVOA_W
ClientSampleId :

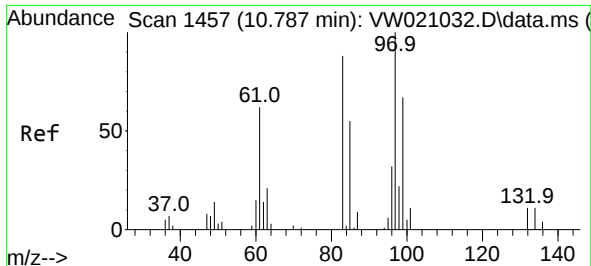
Tgt Ion: 91 Resp: 86769
Ion Ratio Lower Upper
91 100
92 61.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.132 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 75 Resp: 22759
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 27.134 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 14309

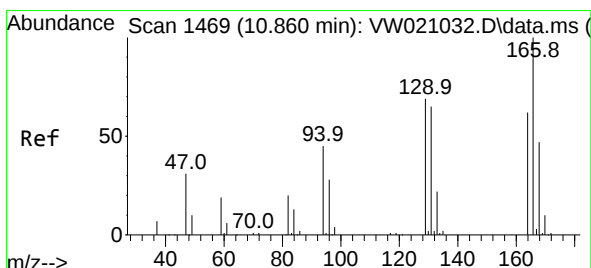
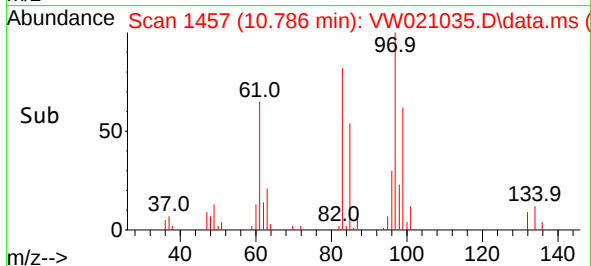
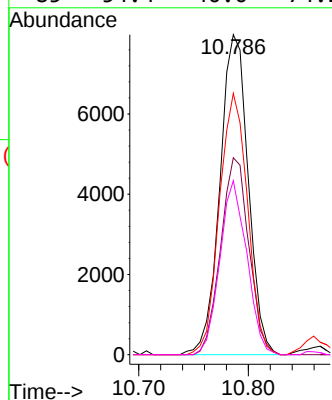
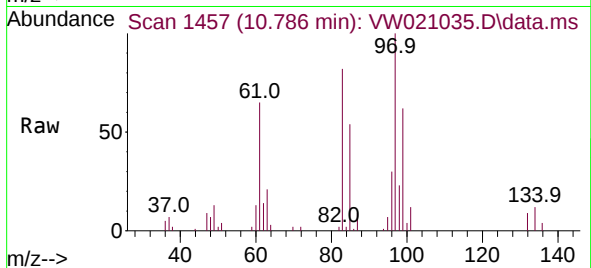
Ion Ratio Lower Upper

97 100

99 61.6 43.0 79.8

83 81.7 62.6 116.3

85 54.4 40.0 74.2



#46

Tetrachloroethene

Concen: 40.339 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Tgt Ion:164 Resp: 30182

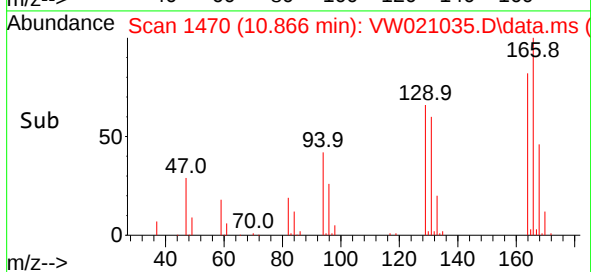
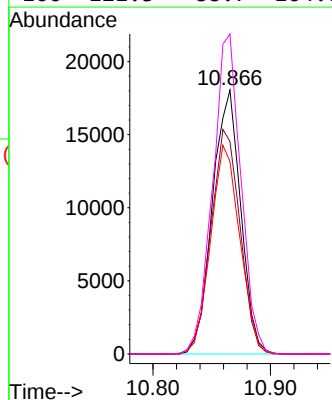
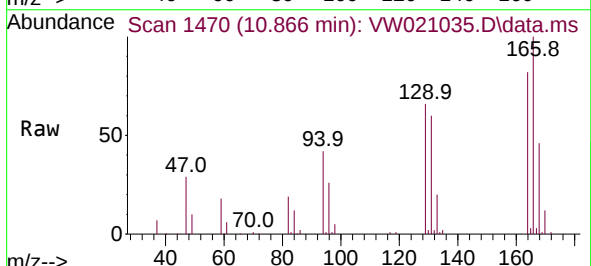
Ion Ratio Lower Upper

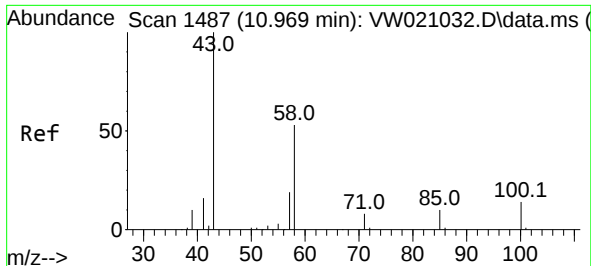
164 100

129 80.5 65.5 121.7

131 73.0 59.7 110.9

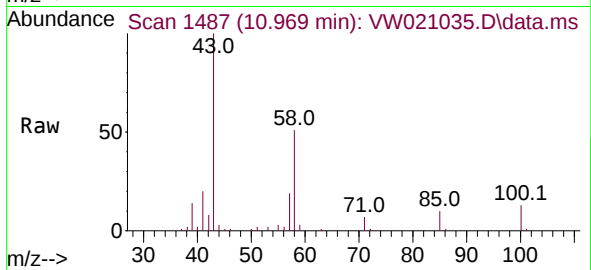
166 121.3 88.7 164.7



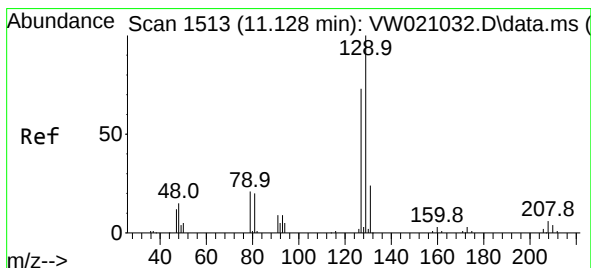
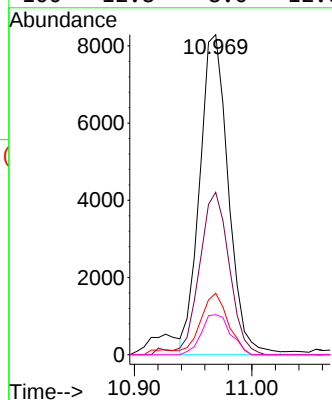
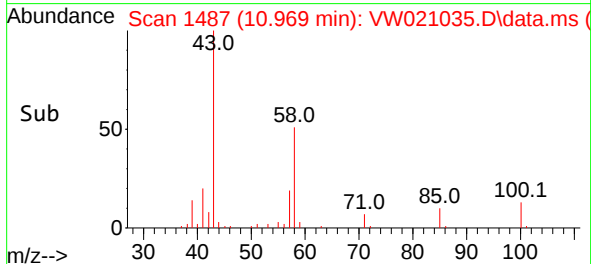


#48
2-Hexanone
Concen: 50.293 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :

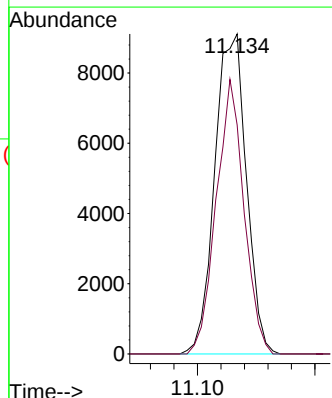
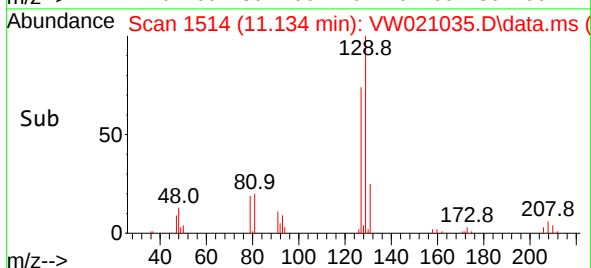
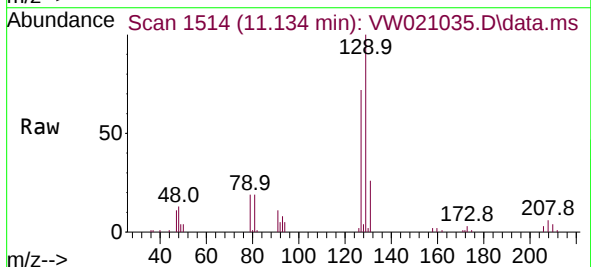


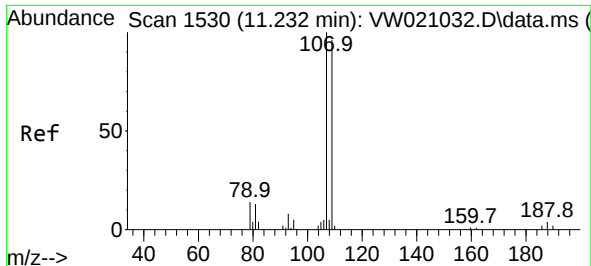
Tgt Ion: 43 Resp: 14059
Ion Ratio Lower Upper
43 100
58 52.2 40.2 60.2
57 18.6 14.3 21.5
100 12.8 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.419 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 129 Resp: 17026
Ion Ratio Lower Upper
129 100
127 71.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.101 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021035.D

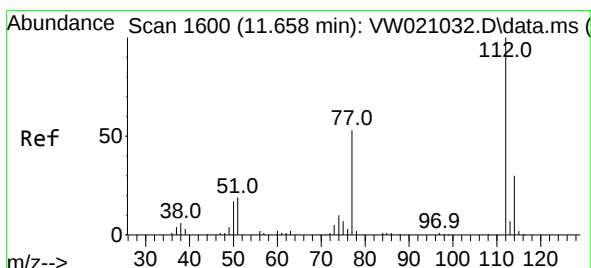
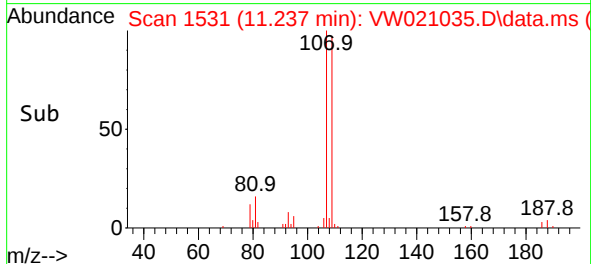
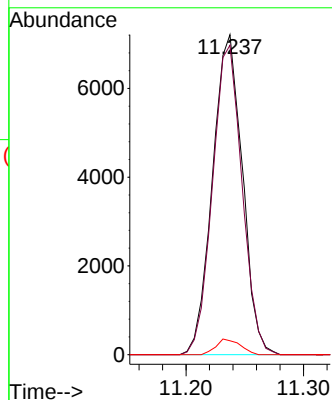
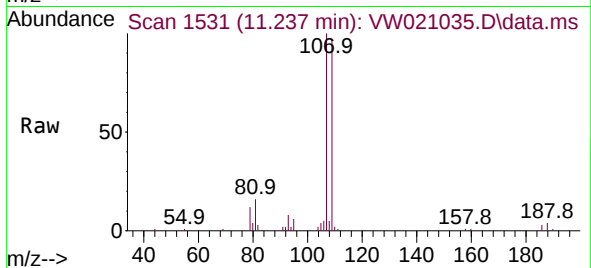
Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	12742
Ion Ratio	Lower	Upper
107	100	
109	96.7	64.1 119.1
188	4.4	2.6 3.8#



#51

Chlorobenzene

Concen: 23.039 ug/L

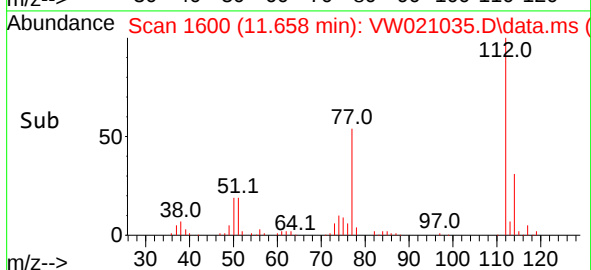
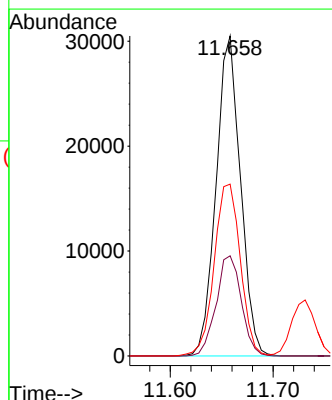
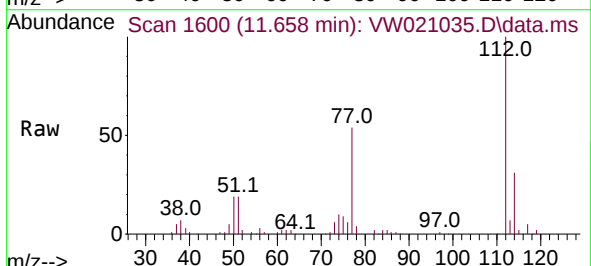
RT: 11.658 min Scan# 1600

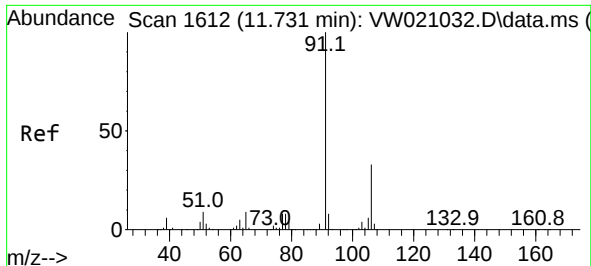
Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Tgt Ion:112	Resp:	50214
Ion Ratio	Lower	Upper
112	100	
114	31.3	22.4 41.6
77	53.7	50.2 75.4

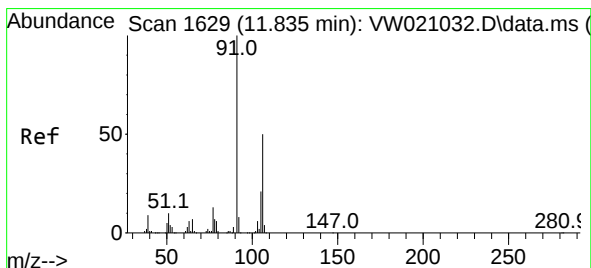
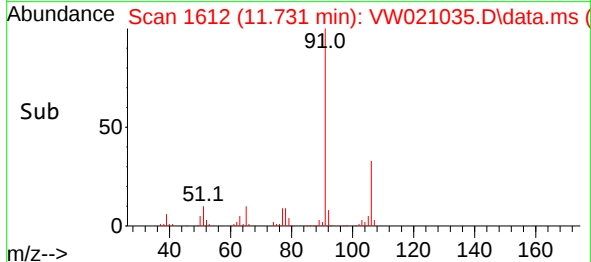
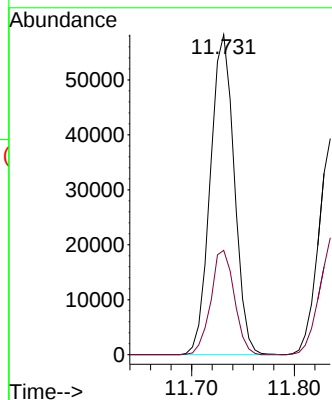
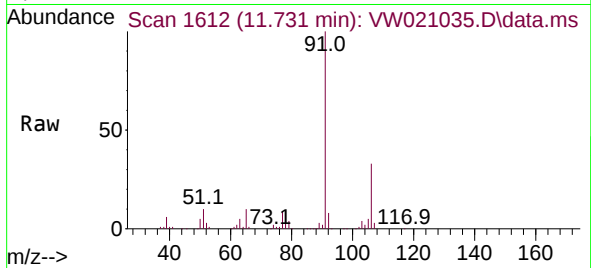




#52
Ethylbenzene
Concen: 25.909 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

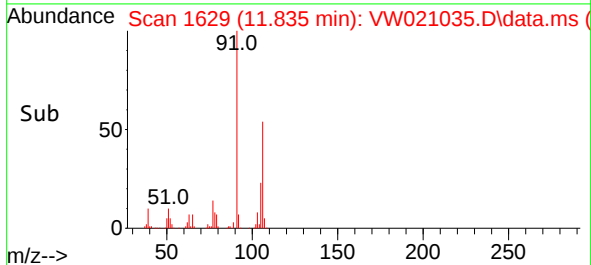
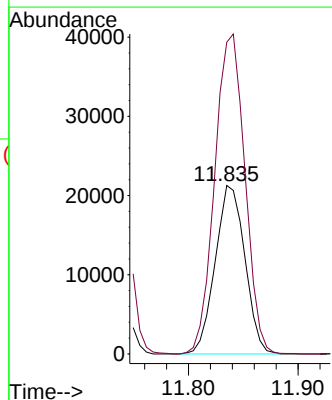
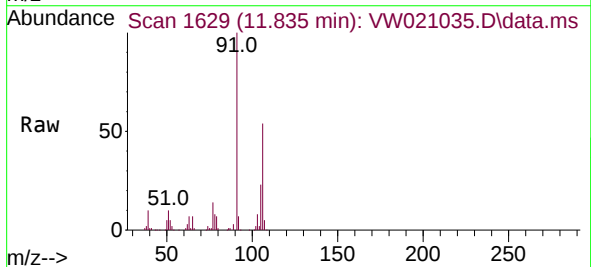
Instrument :
MSVOA_W
ClientSampleId :

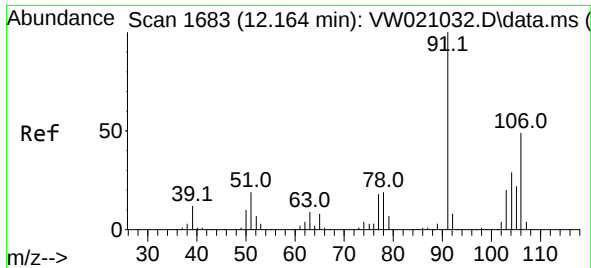
Tgt Ion: 91 Resp: 94080
Ion Ratio Lower Upper
91 100
106 32.6 21.5 39.9



#53
m,p-Xylene
Concen: 26.981 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 106 Resp: 40000
Ion Ratio Lower Upper
106 100
91 185.0 149.9 278.3

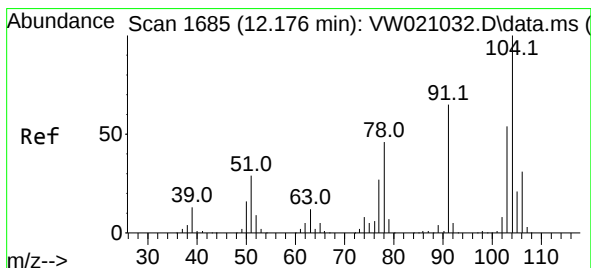
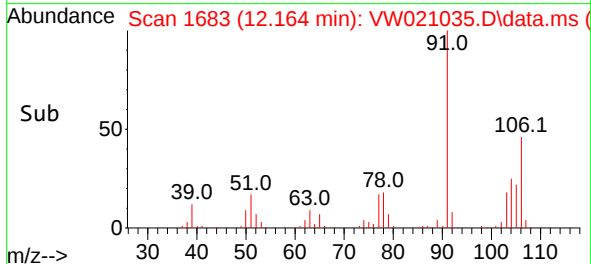
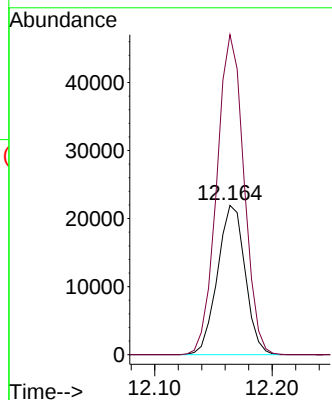
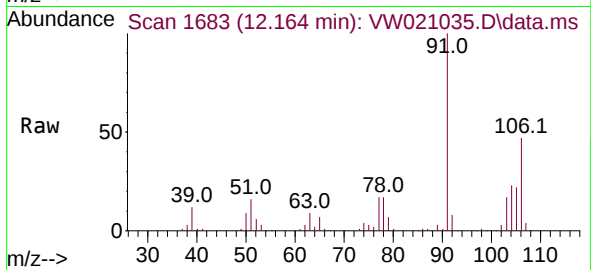




#54
o-Xylene
Concen: 25.206 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

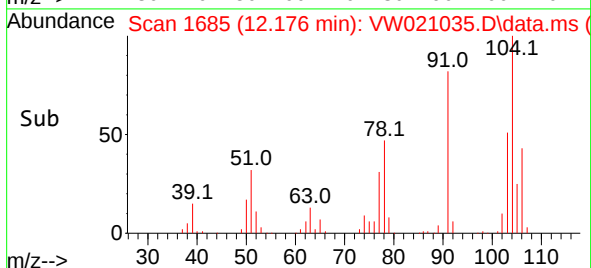
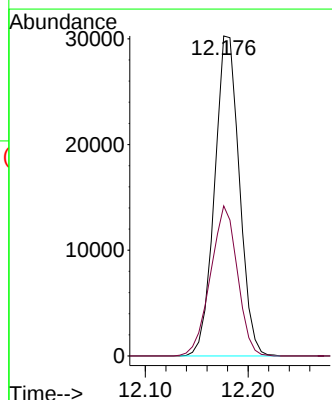
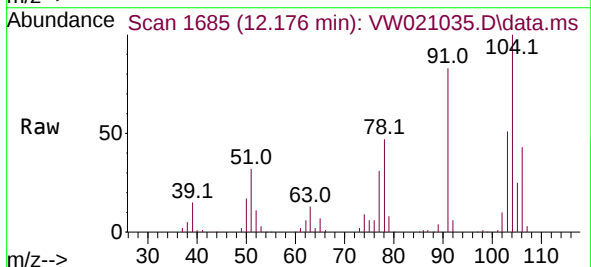
Instrument :
MSVOA_W
ClientSampleId :

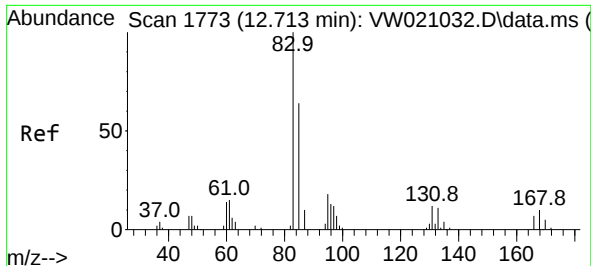
Tgt Ion:106 Resp: 35888
Ion Ratio Lower Upper
106 100
91 214.3 153.6 285.3



#55
Styrene
Concen: 21.416 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion:104 Resp: 50632
Ion Ratio Lower Upper
104 100
78 46.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.034 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021035.D

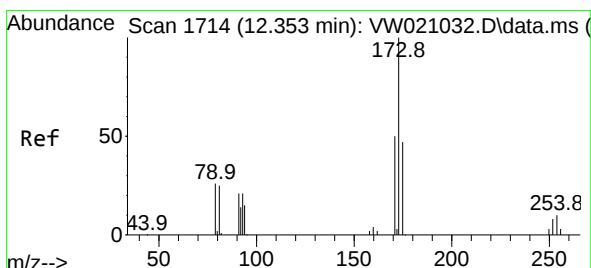
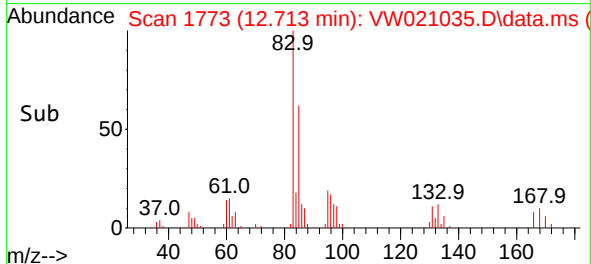
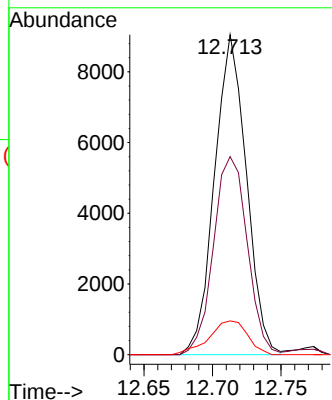
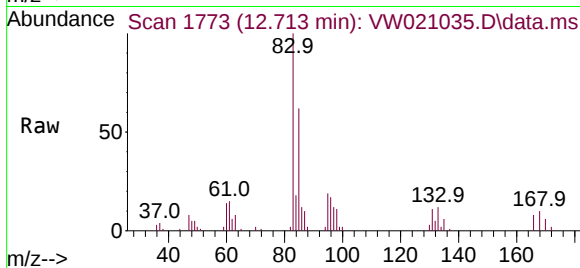
Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 14632
Ion Ratio	Lower Upper
83 100	
85 61.9	44.0 81.6
131 10.6	6.9 10.3#



#59

Bromoform

Concen: 27.611 ug/L

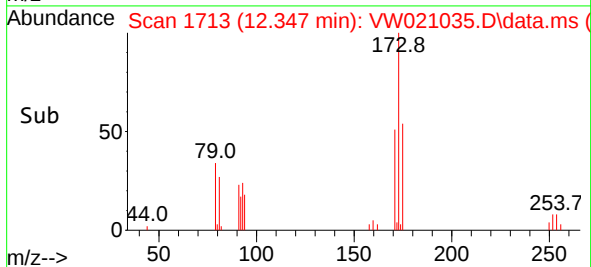
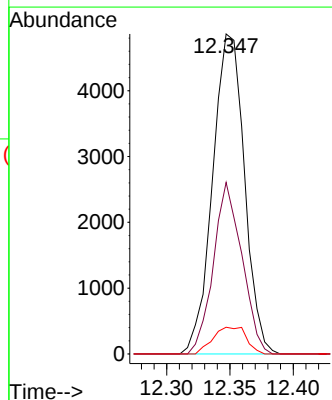
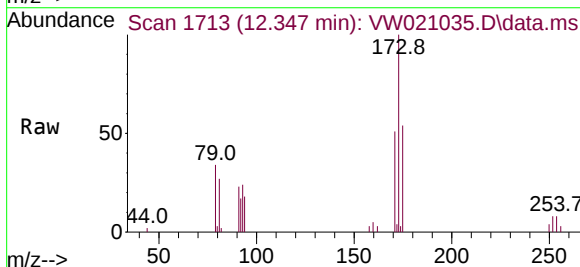
RT: 12.347 min Scan# 1713

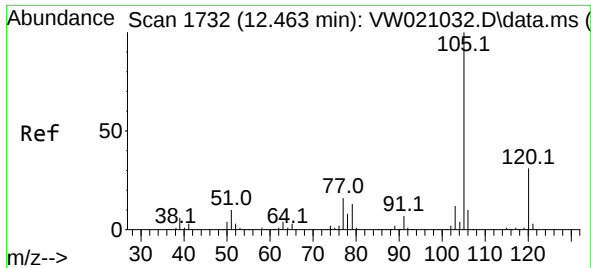
Delta R.T. -0.006 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Tgt Ion: 173	Resp: 8503
Ion Ratio	Lower Upper
173 100	
175 48.0	39.6 59.4
254 8.8	7.4 11.0

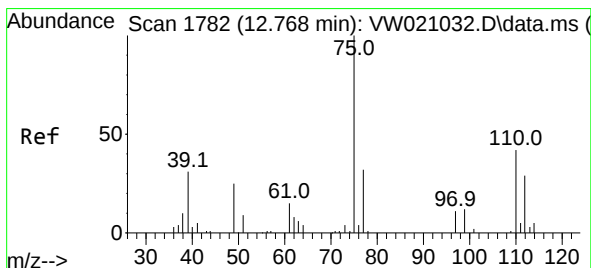
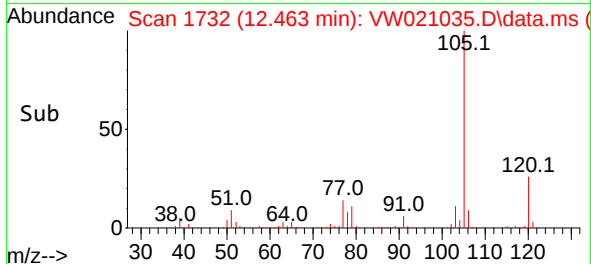
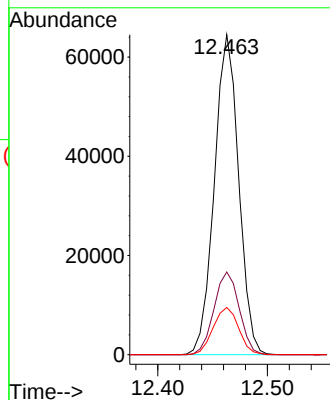
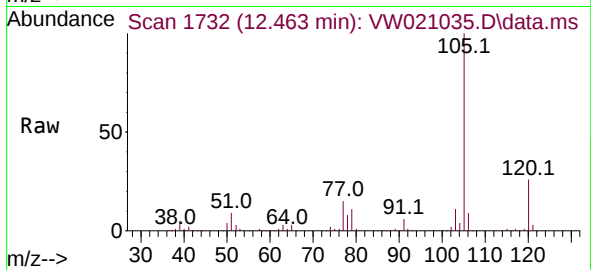




#60
Isopropylbenzene
Concen: 35.364 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

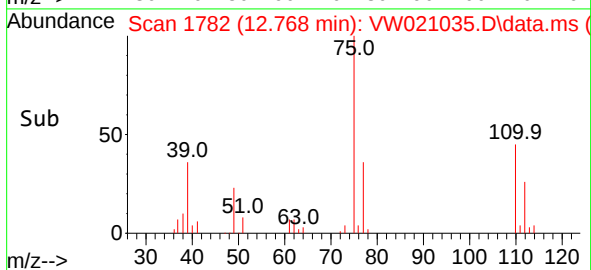
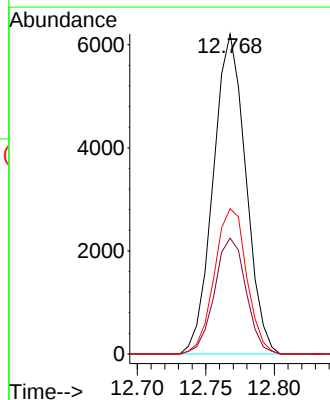
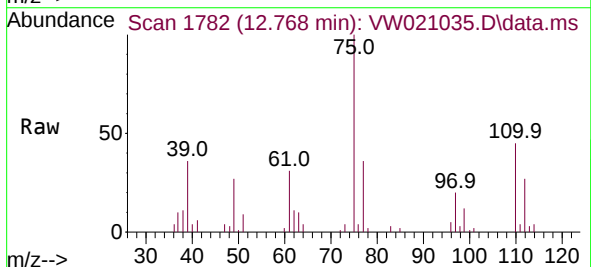
Instrument :
MSVOA_W
ClientSampleId :

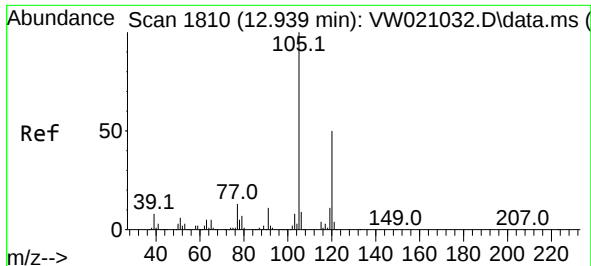
Tgt Ion:105 Resp: 99483
Ion Ratio Lower Upper
105 100
120 26.8 20.1 30.1
77 15.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 33.820 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion: 75 Resp: 10246
Ion Ratio Lower Upper
75 100
77 35.0 25.8 38.8
110 45.1 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 34.133 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

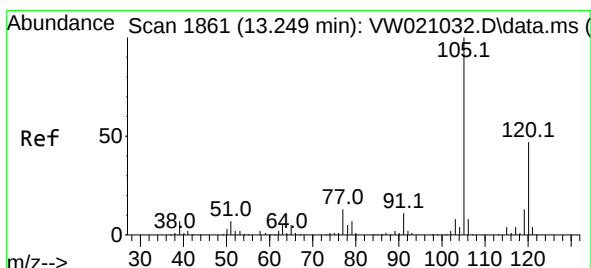
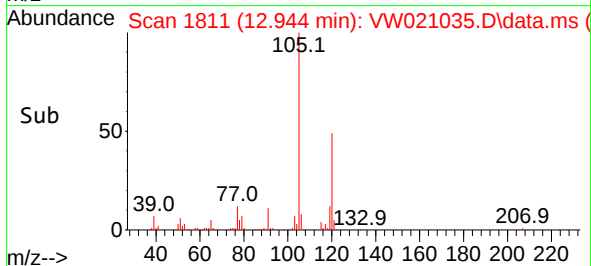
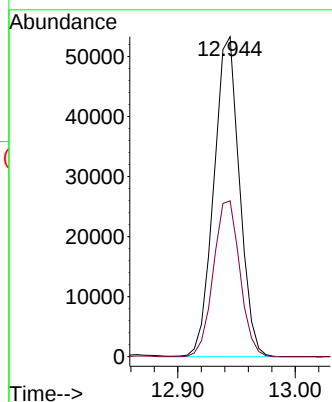
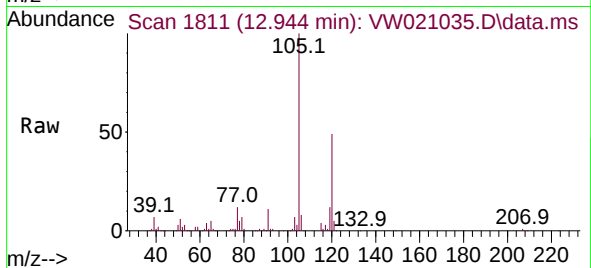
ClientSampleId :

Tgt Ion:105 Resp: 81002

Ion Ratio Lower Upper

105 100

120 50.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 31.424 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021035.D

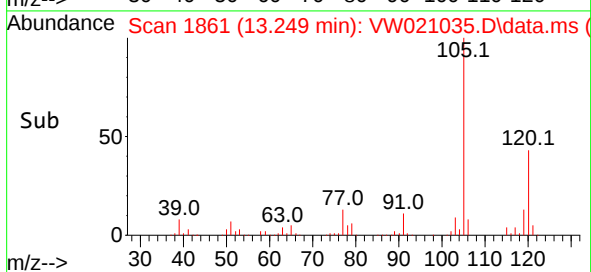
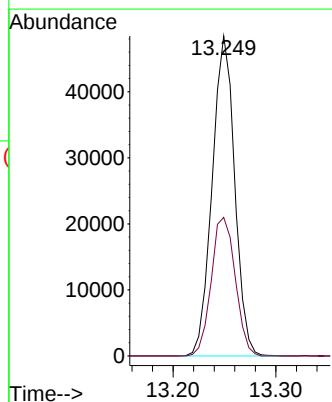
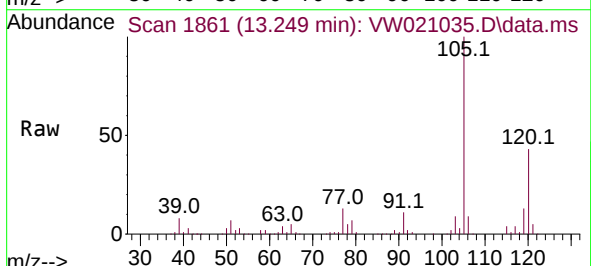
Acq: 02 Dec 2021 10:21

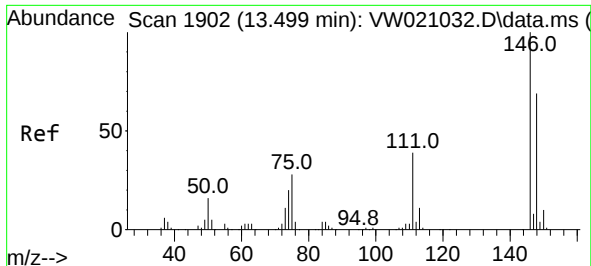
Tgt Ion:105 Resp: 73576

Ion Ratio Lower Upper

105 100

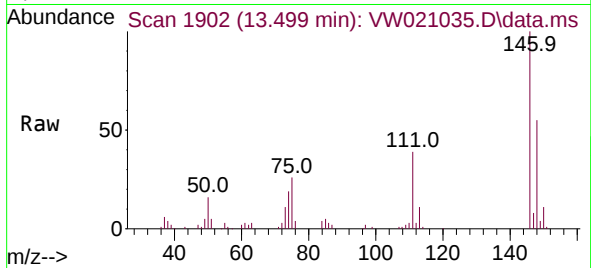
120 46.2 35.0 52.6



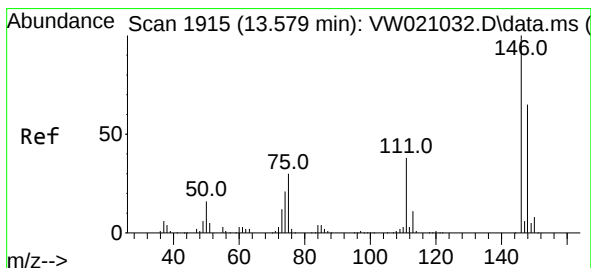
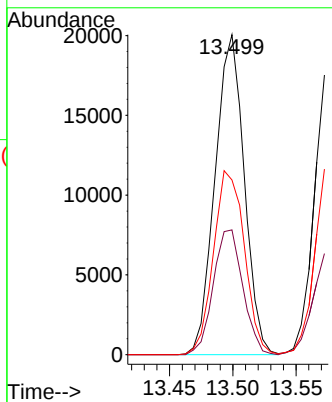
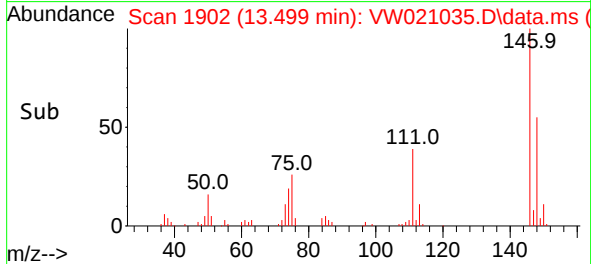


#64
1,3-Dichlorobenzene
Concen: 24.395 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

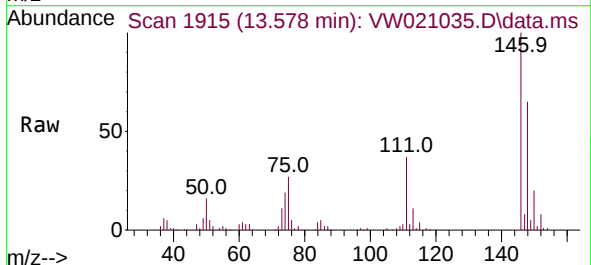
Instrument :
MSVOA_W
ClientSampleId :



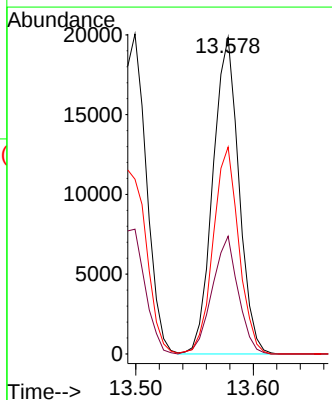
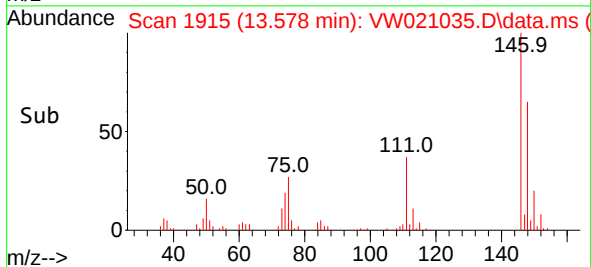
Tgt Ion:146 Resp: 32175
Ion Ratio Lower Upper
146 100
111 39.0 29.8 55.3
148 54.6 46.2 85.8

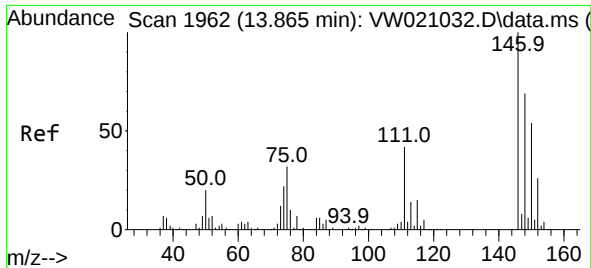


#65
1,4-Dichlorobenzene
Concen: 22.954 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21



Tgt Ion:146 Resp: 30538
Ion Ratio Lower Upper
146 100
111 37.2 29.0 53.9
148 65.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.160 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

Instrument :

MSVOA_W

ClientSampleId :

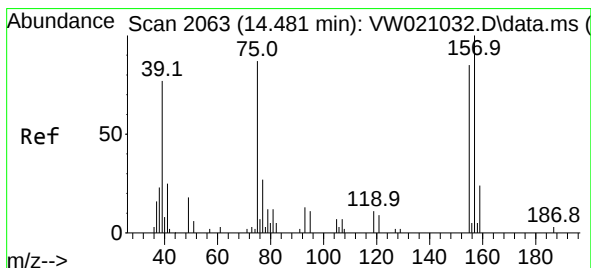
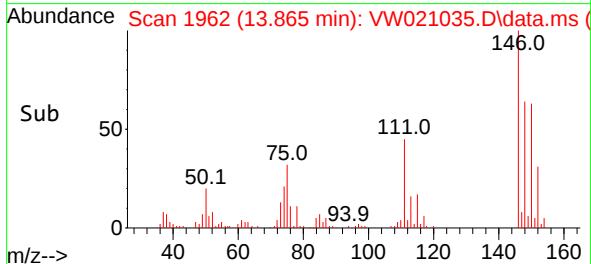
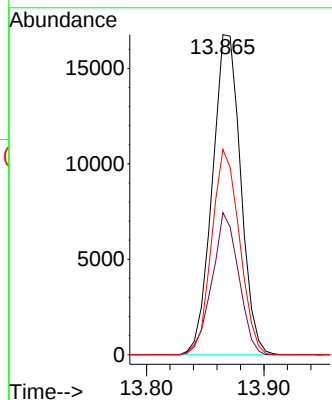
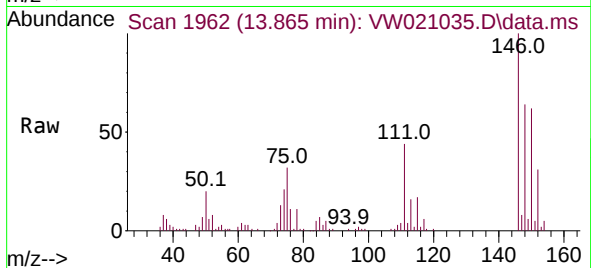
Tgt Ion:146 Resp: 28079

Ion Ratio Lower Upper

146 100

111 44.4 33.1 49.7

148 64.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.929 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021035.D

Acq: 02 Dec 2021 10:21

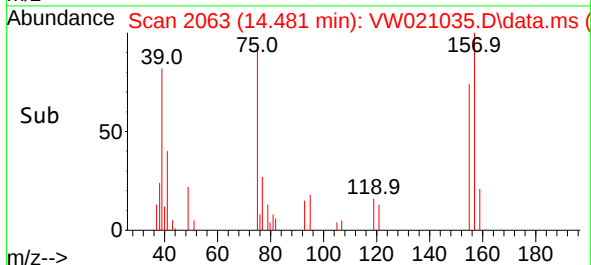
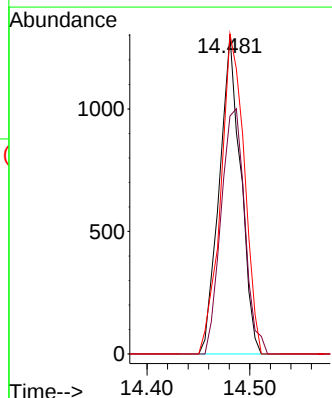
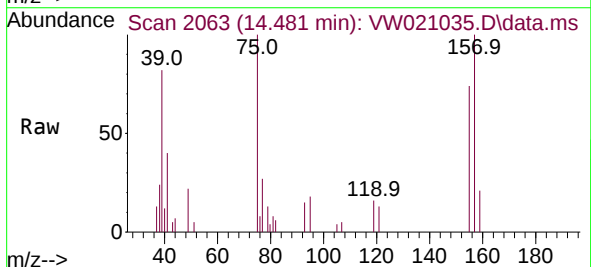
Tgt Ion: 75 Resp: 1878

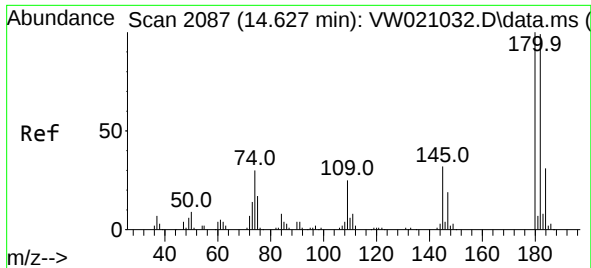
Ion Ratio Lower Upper

75 100

155 74.5 54.2 81.2

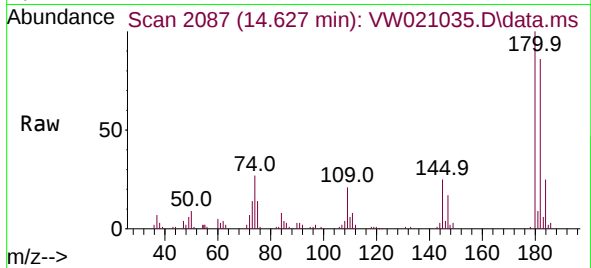
157 100.2 69.4 104.2



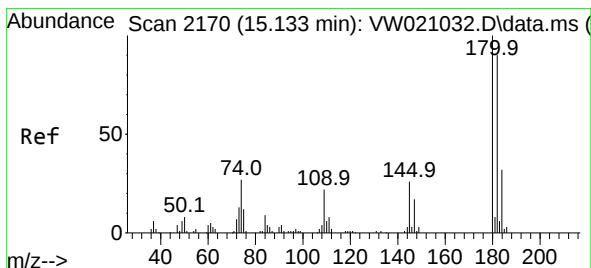
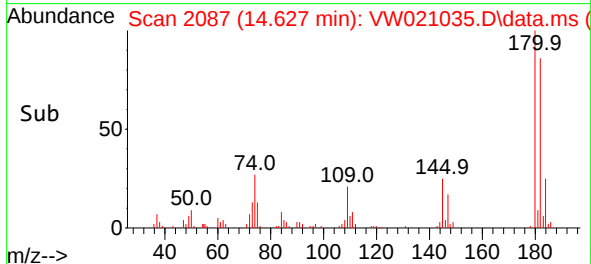
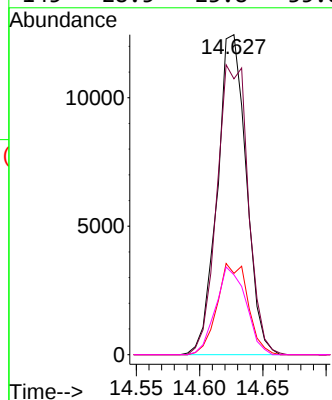


#69
1,3,5-Trichlorobenzene
Concen: 18.997 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :

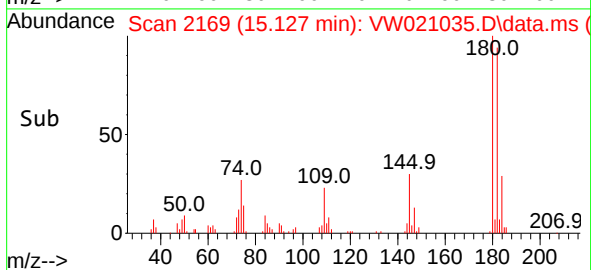
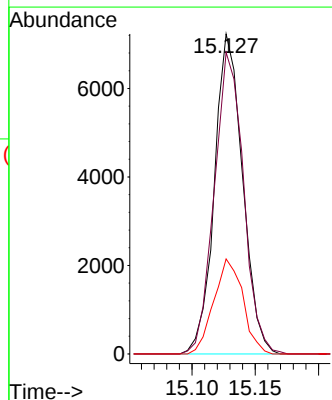
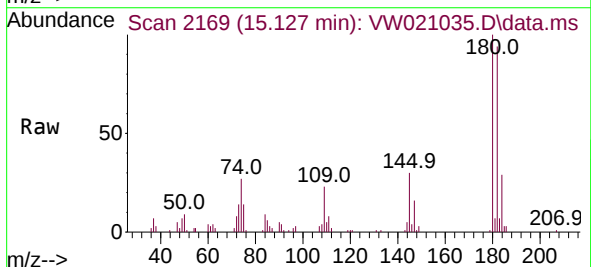


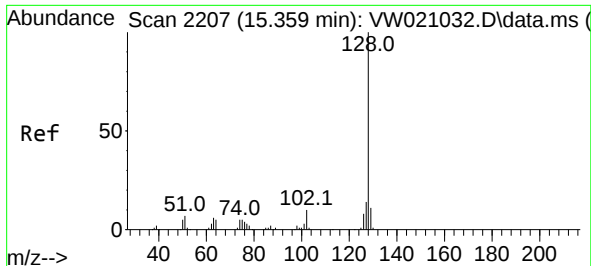
Tgt Ion:180 Resp: 19845
Ion Ratio Lower Upper
180 100
182 97.6 75.4 113.0
184 30.3 23.8 35.8
145 28.5 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 13.118 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion:180 Resp: 11211
Ion Ratio Lower Upper
180 100
182 97.6 79.0 118.6
145 30.6 26.0 39.0

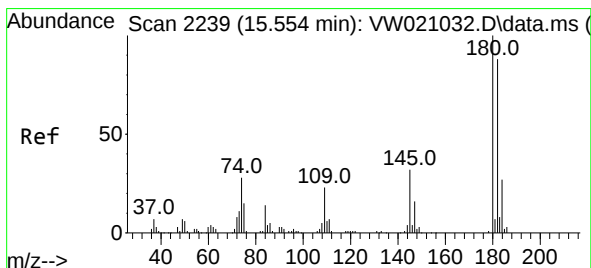
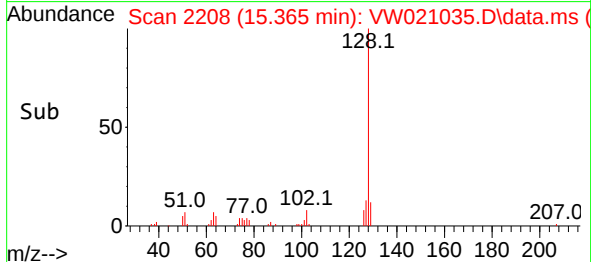
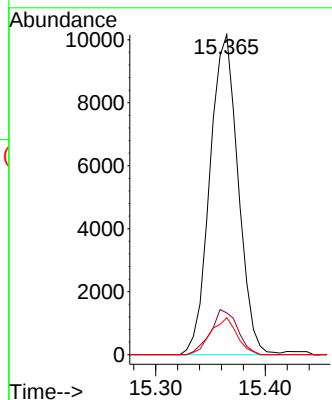
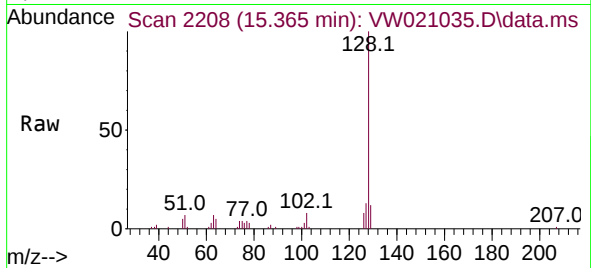




#71
Naphthalene
Concen: 13.078 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 18212
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 13.242 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021035.D
Acq: 02 Dec 2021 10:21

Tgt Ion:180 Resp: 9550
Ion Ratio Lower Upper
180 100
182 95.0 76.6 114.8
145 30.1 27.4 41.0

