

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018728.D
 Acq On : 22 Apr 2021 11:54
 Operator : SY/VA
 Sample : M2129-02MS
 Misc : 3.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 23 02:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 23 01:53:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	562562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425297	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154241	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118863	13.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.60%
7) Chloroethane-d5	2.891	69	112319	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.28%
11) 1,1-Dichloroethene-d2	4.031	63	262502	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
21) 2-Butanone-d5	7.074	46	81648	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
24) Chloroform-d	7.653	84	331725	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.305	65	170996	19.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	8.275	84	530130	21.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	9.274	67	184965	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	10.323	98	427287	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.92%
43) trans-1,3-Dichloroprop...	10.579	79	61607	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.00%
47) 2-Hexanone-d5	10.927	63	52699	40.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.62%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	143907	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
66) 1,2-Dichlorobenzene-d4	13.853	152	122675	22.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.56%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.014	85	118983	22.22	ug/L	99
3) Chloromethane	2.215	50	117068	16.01	ug/L	99
5) Vinyl chloride	2.367	62	218423	20.72	ug/L	98
6) Bromomethane	2.782	94	140200	16.69	ug/L	99
8) Chloroethane	2.928	64	136593	20.30	ug/L	96
9) Trichlorofluoromethane	3.263	101	172026	29.13	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	183626	24.50	ug/L	98
12) 1,1-Dichloroethene	4.044	96	191330	25.87	ug/L	90
13) Acetone	4.129	43	53677	38.00	ug/L	92
14) Carbon disulfide	4.391	76	558734	25.38	ug/L	99
15) Methyl Acetate	4.672	43	50478	15.67	ug/L	96
16) Methylene chloride	4.922	84	197108	21.38	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	202529	25.46	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	264264	24.83	ug/L	97
19) 1,1-Dichloroethane	6.214	63	359179	24.55	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	210694	24.90	ug/L	96
22) 2-Butanone	7.171	43	79938	37.24	ug/L	93
23) Bromochloromethane	7.513	128	87008	23.75	ug/L	95
25) Chloroform	7.677	83	369577	24.89	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Fri Apr 23 01:53:36 2021
 Response via : Initial Calibration

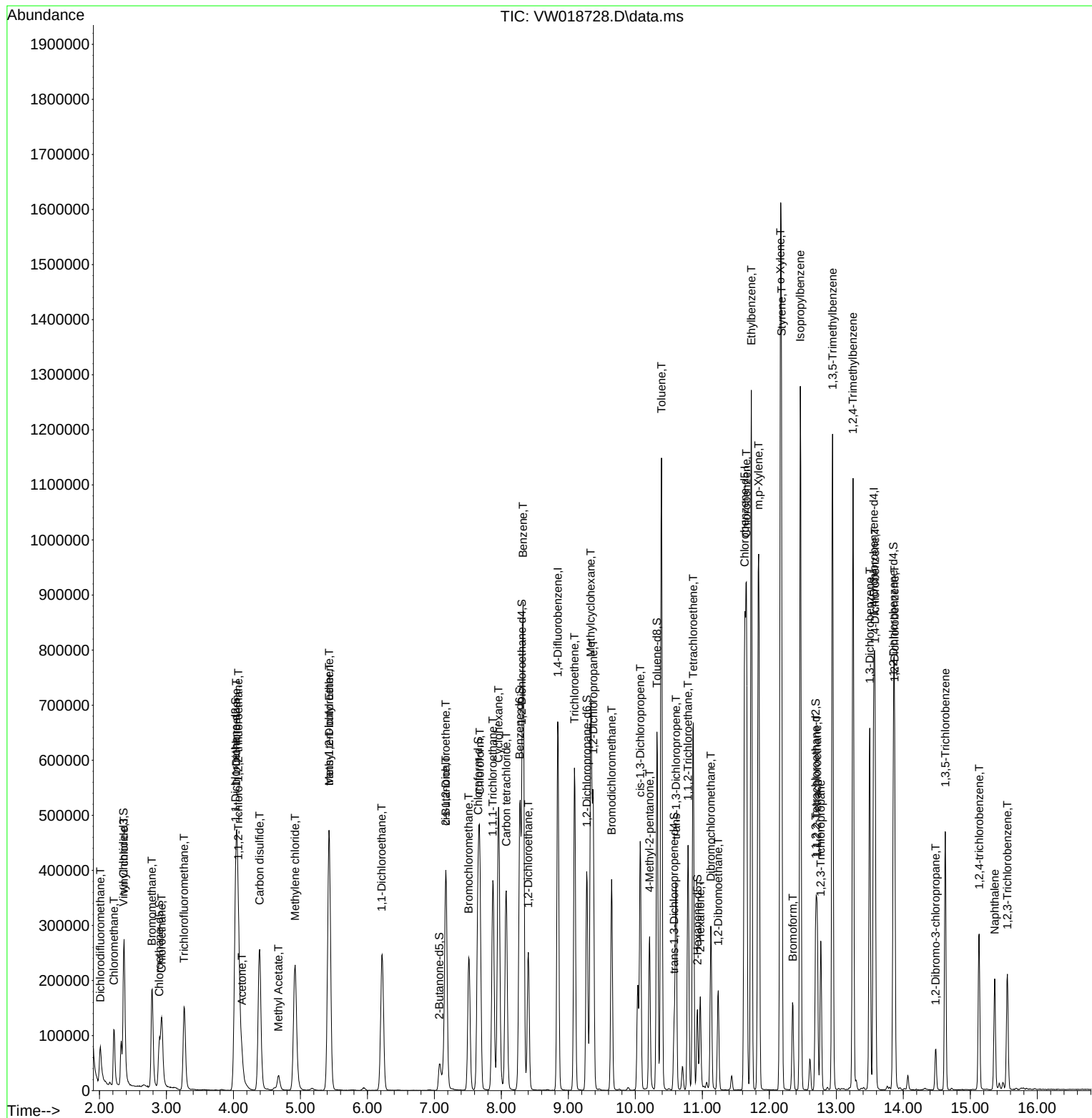
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	227087	22.47	ug/L	98
29) Cyclohexane	7.958	56	299694	28.61	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	307393	33.03	ug/L	99
31) Carbon tetrachloride	8.073	117	275838	32.87	ug/L	99
33) Benzene	8.323	78	787887	29.50	ug/L	100
34) Trichloroethene	9.091	95	206384	30.01	ug/L	93
35) Methylcyclohexane	9.335	83	301890	25.26	ug/L	98
37) 1,2-Dichloropropane	9.372	63	190320	28.14	ug/L	99
38) Bromodichloromethane	9.646	83	249622	29.01	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	262086	26.11	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	168793	40.64	ug/L	93
42) Toluene	10.390	91	826761	28.84	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	208504	23.80	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	134813	26.88	ug/L	98
46) Tetrachloroethene	10.866	164	145097	29.86	ug/L	96
48) 2-Hexanone	10.969	43	100715	38.36	ug/L	92
49) Dibromochloromethane	11.128	129	145067	27.14	ug/L	98
50) 1,2-Dibromoethane	11.237	107	120967	25.35	ug/L	99
51) Chlorobenzene	11.658	112	452827	25.65	ug/L	99
52) Ethylbenzene	11.731	91	882166	27.86	ug/L	99
53) m,p-Xylene	11.841	106	317187	27.30	ug/L	94
54) o-Xylene	12.164	106	300190	26.92	ug/L	93
55) Styrene	12.182	104	454230	23.55	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	143921	23.04	ug/L	98
59) Bromoform	12.353	173	69829	31.76	ug/L	100
60) Isopropylbenzene	12.463	105	799757	35.25	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	108818	30.88	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	625762	33.30	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	593397	31.64	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	248991	25.90	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	248624	25.57	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	219489	24.82	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19446	26.55	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	137951	20.10	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	89339	15.99	ug/L	99
71) Naphthalene	15.365	128	163845	13.92	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	70985	14.40	ug/L	95

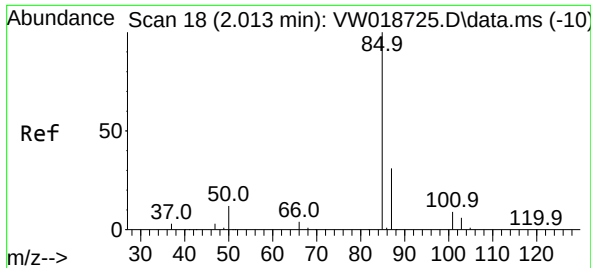
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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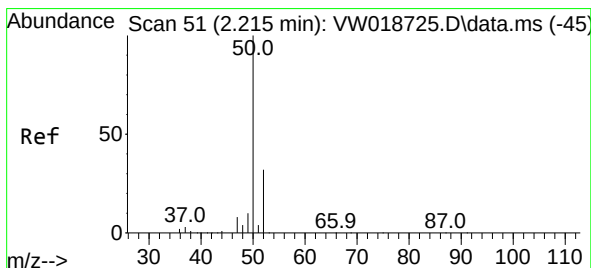
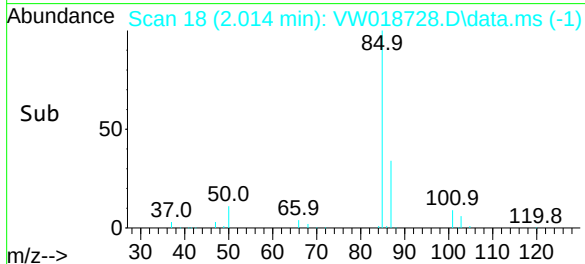
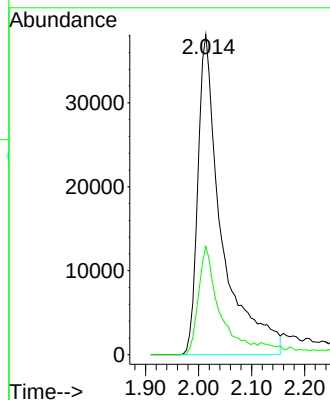
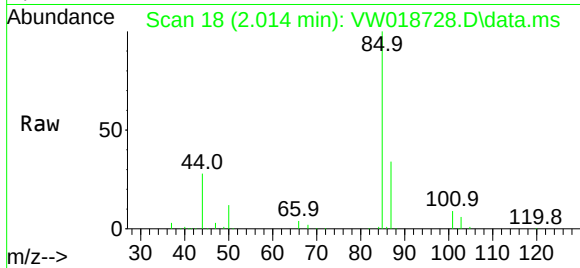




#2
Dichlorodifluoromethane
Concen: 22.22 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

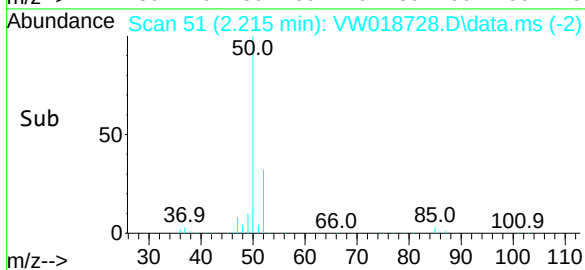
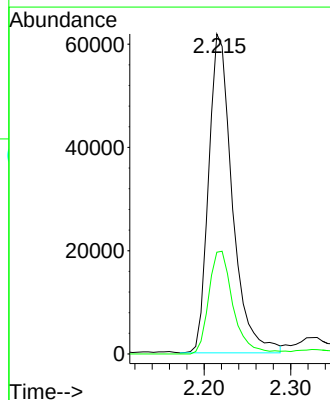
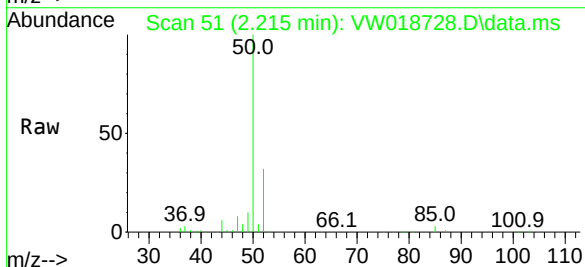
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MSVOA_W
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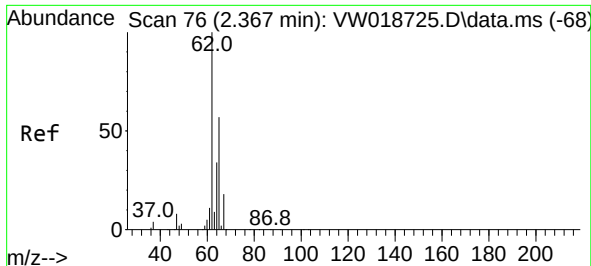
Tgt Ion: 85 Resp: 118983
Ion Ratio Lower Upper
85 100
87 29.4 23.3 34.9



#3
Chloromethane
Concen: 16.01 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 50 Resp: 117068
Ion Ratio Lower Upper
50 100
52 31.8 22.5 41.9

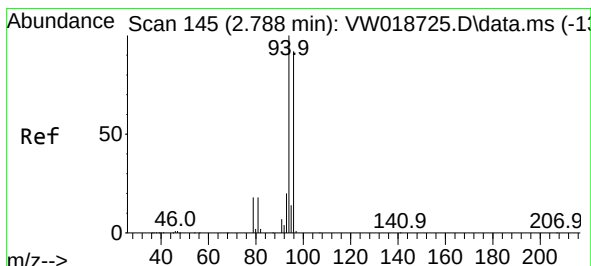
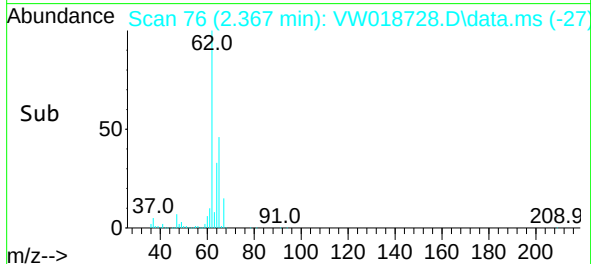
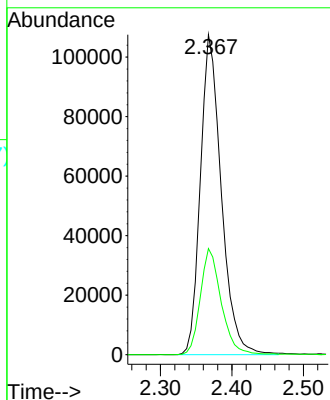
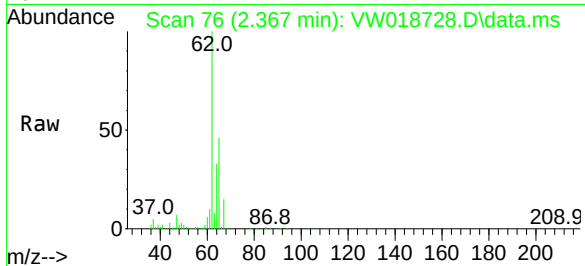




#5
 Vinyl chloride
 Concen: 20.72 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018728.D
 Acq: 22 Apr 2021 11:54

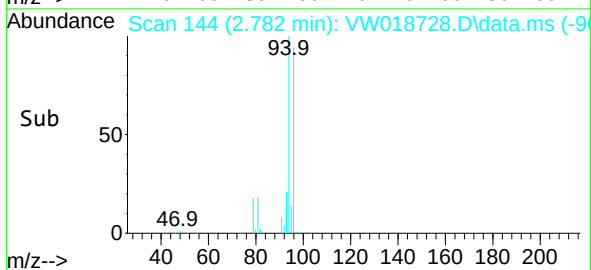
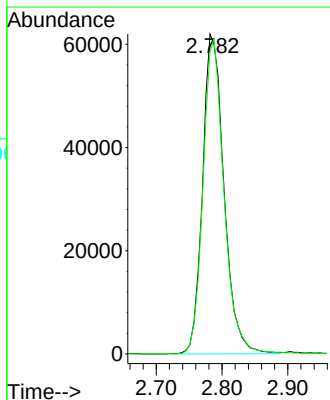
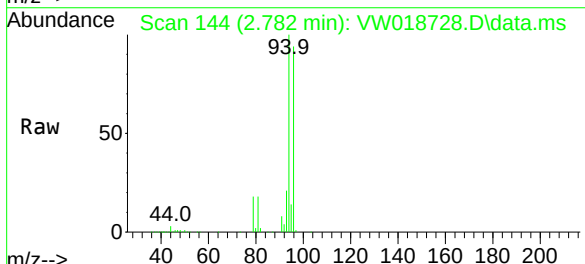
Instrument :
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 ClientSampled :

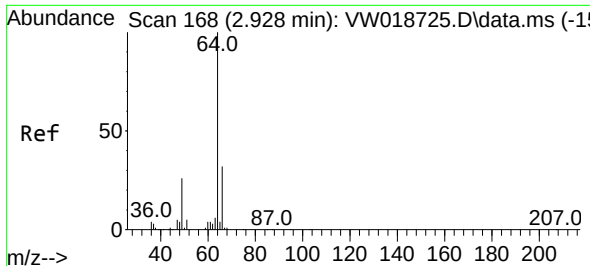
Tgt Ion: 62 Resp: 218423
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.2 45.0



#6
 Bromomethane
 Concen: 16.69 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018728.D
 Acq: 22 Apr 2021 11:54

Tgt Ion: 94 Resp: 140200
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.3 121.3

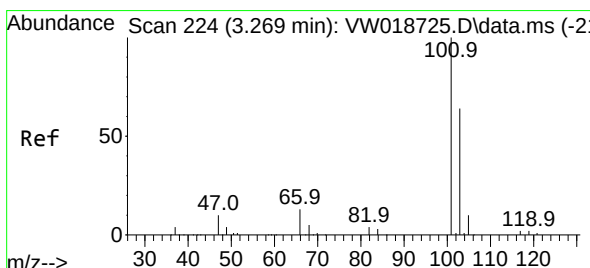
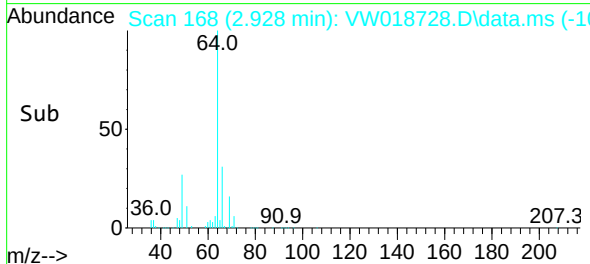
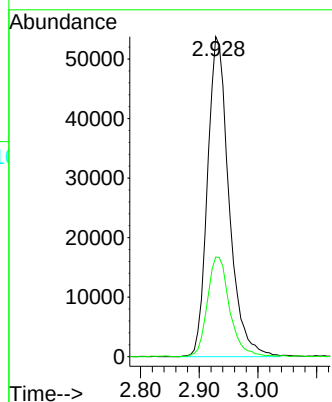
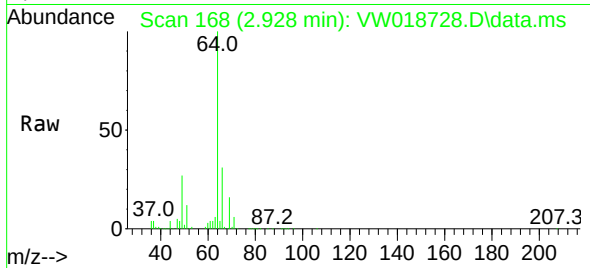




#8
Chloroethane
Concen: 20.30 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

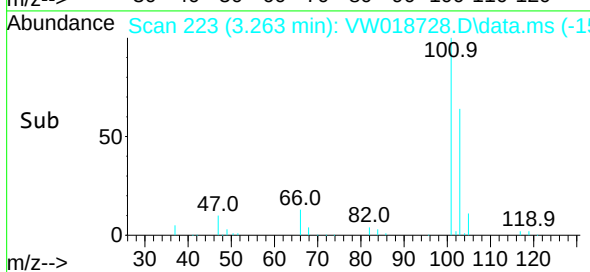
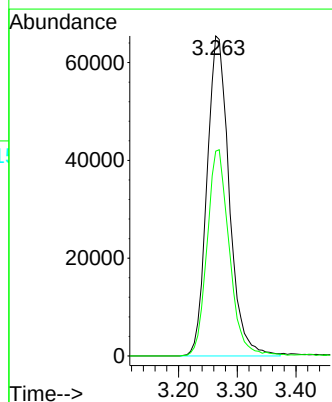
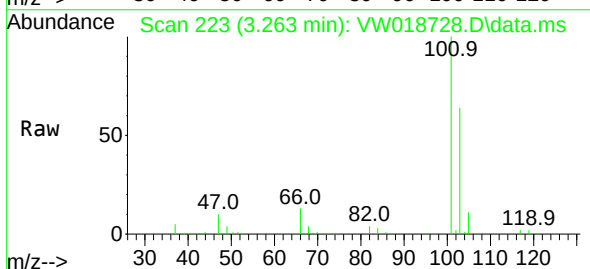
Instrument :
MSVOA_W
ClientSampled :

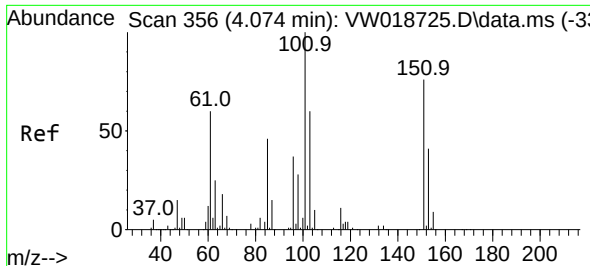
Tgt Ion: 64 Resp: 136593
Ion Ratio Lower Upper
64 100
66 31.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 29.13 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 101 Resp: 172026
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

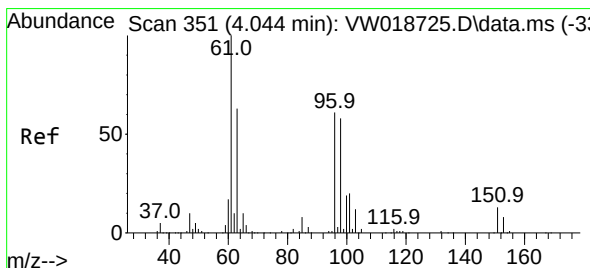
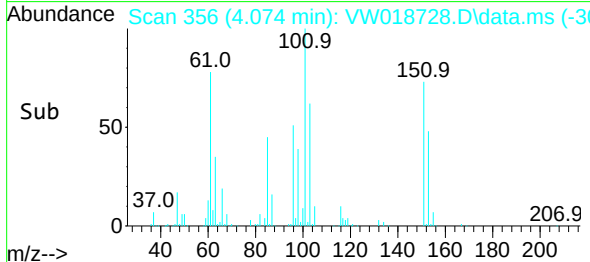
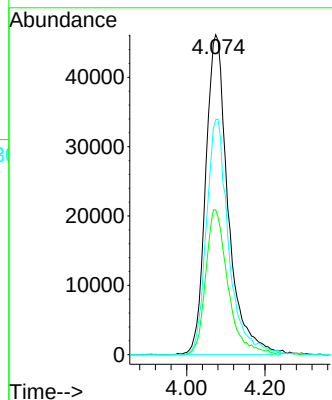
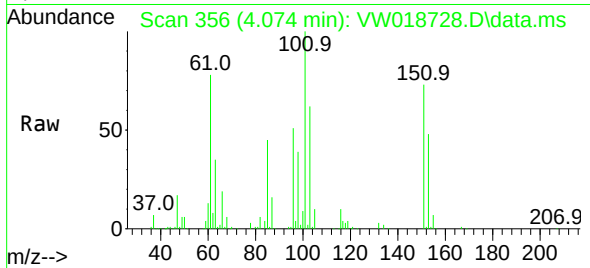




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.50 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW018728.D
 Acq: 22 Apr 2021 11:54

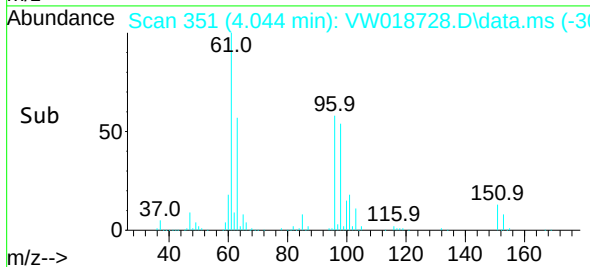
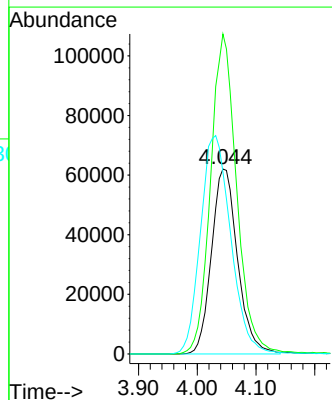
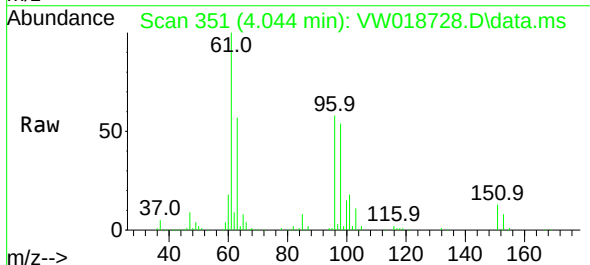
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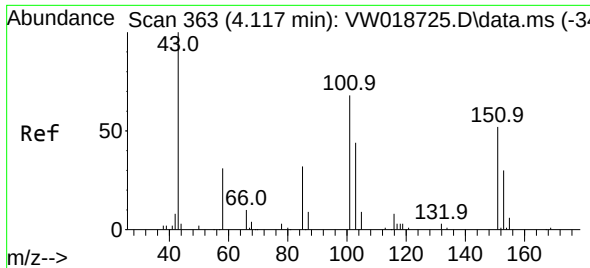
Tgt Ion:101 Resp: 183626
 Ion Ratio Lower Upper
 101 100
 85 44.6 38.2 57.2
 151 71.2 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 25.87 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW018728.D
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Tgt Ion: 96 Resp: 191330
 Ion Ratio Lower Upper
 96 100
 61 173.1 118.1 219.3
 63 98.5 83.7 155.5

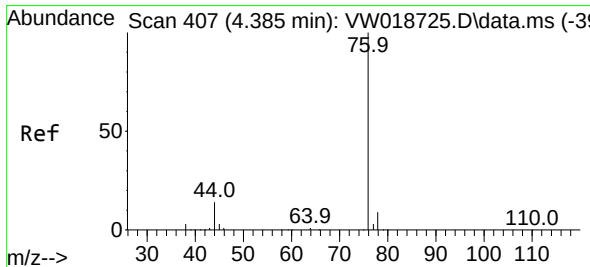
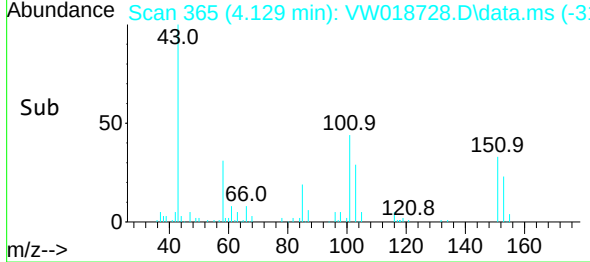
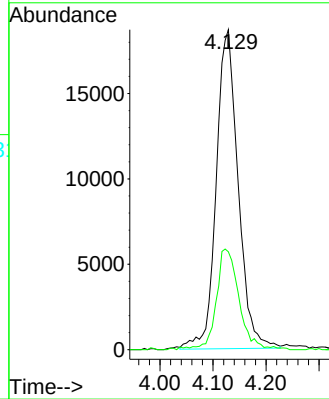
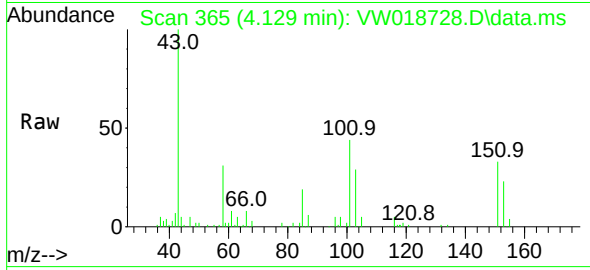




#13
Acetone
Concen: 38.00 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

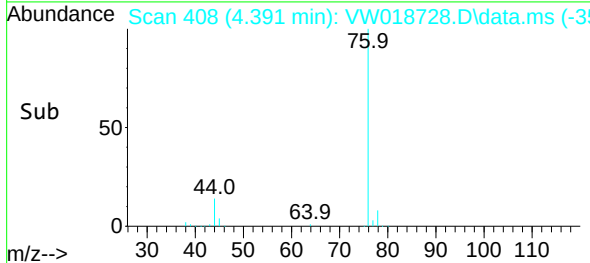
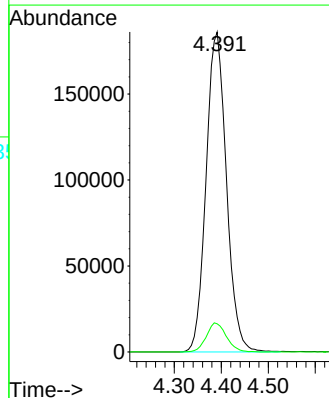
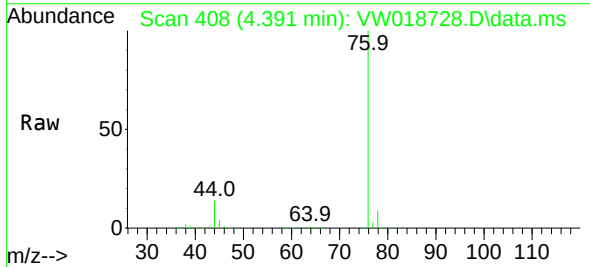
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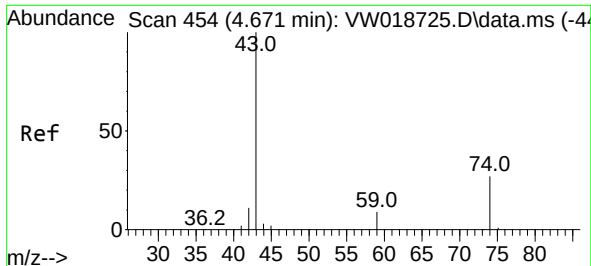
Tgt Ion: 43 Resp: 53677
Ion Ratio Lower Upper
43 100
58 30.8 0.0 53.8



#14
Carbon disulfide
Concen: 25.38 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018728.D
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Tgt Ion: 76 Resp: 558734
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

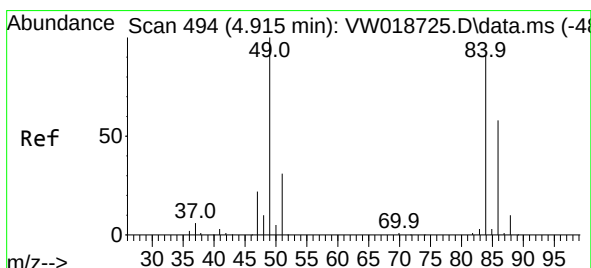
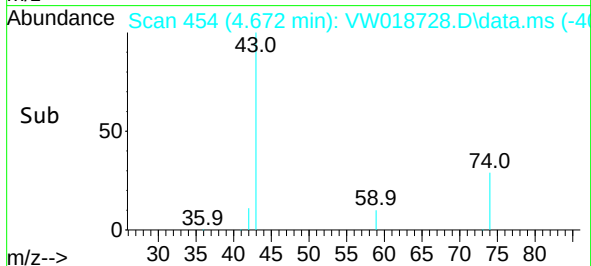
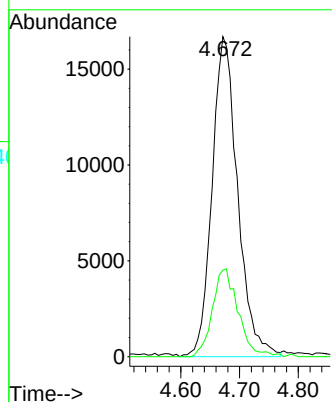
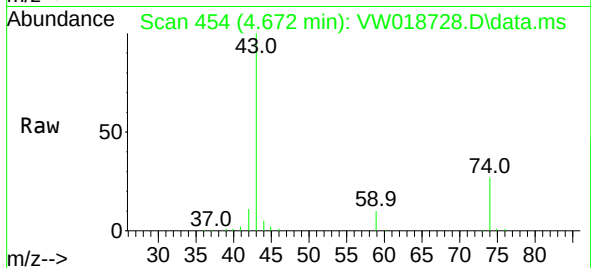




#15
Methyl Acetate
Concen: 15.67 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

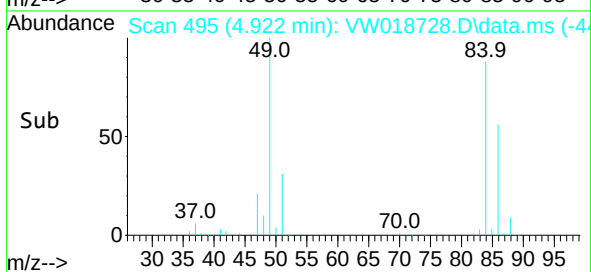
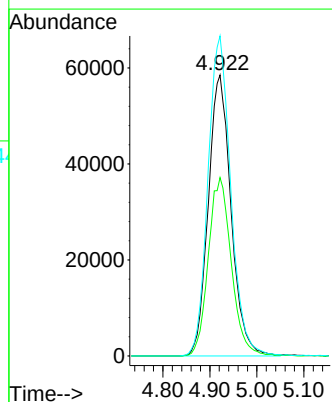
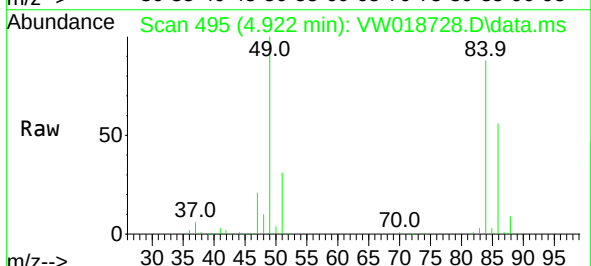
Instrument :
MSVOA_W
ClientSampled :

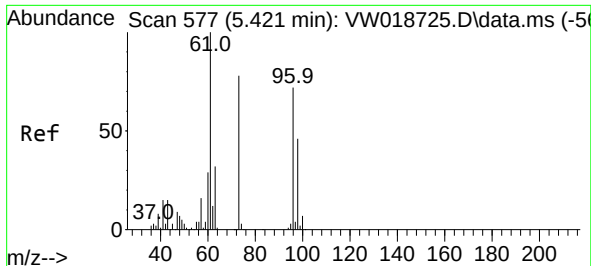
Tgt Ion: 43 Resp: 50478
Ion Ratio Lower Upper
43 100
74 27.0 20.0 30.0



#16
Methylene chloride
Concen: 21.38 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 84 Resp: 197108
Ion Ratio Lower Upper
84 100
86 63.5 45.3 84.1
49 113.9 86.6 160.8

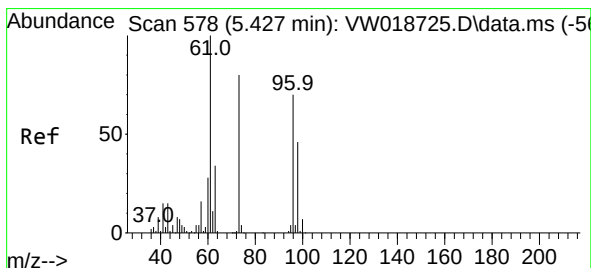
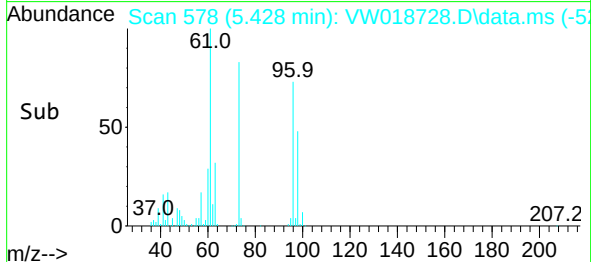
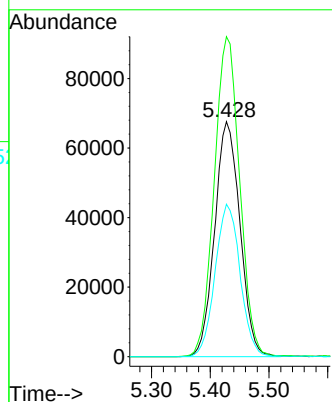
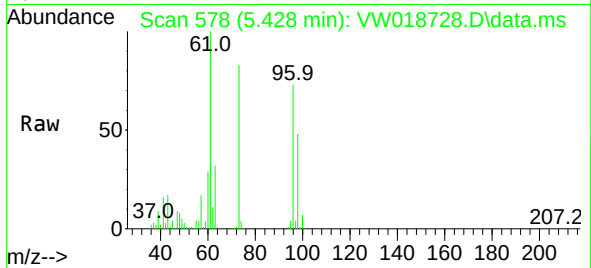




#17
trans-1,2-Dichloroethene
Concen: 25.46 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

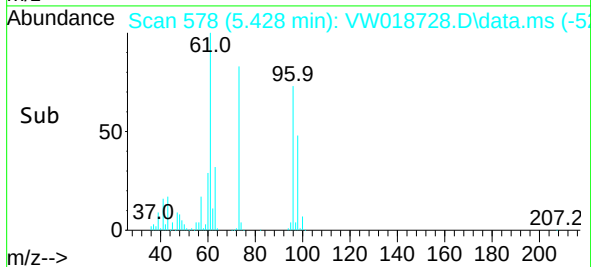
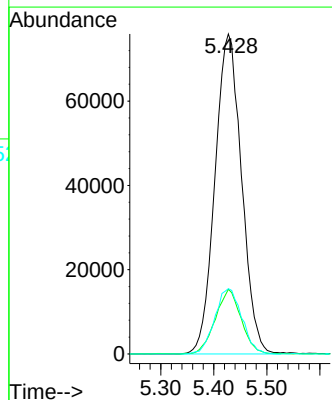
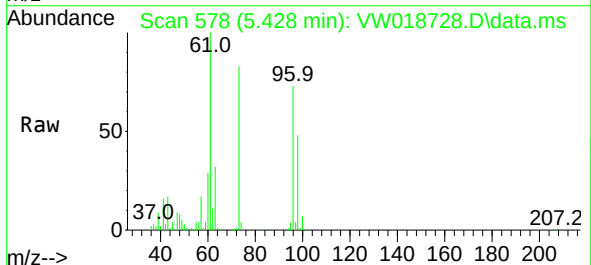
Instrument :
MSVOA_W
ClientSampleId :

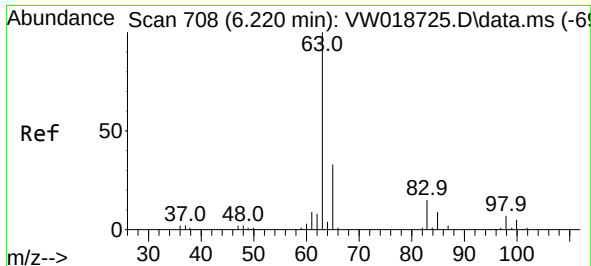
Tgt Ion: 96 Resp: 202529
Ion Ratio Lower Upper
96 100
61 136.1 98.3 182.7
98 64.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 24.83 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 73 Resp: 264264
Ion Ratio Lower Upper
73 100
43 19.4 17.7 26.5
57 20.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 24.55 ug/L

RT: 6.214 min Scan# 707

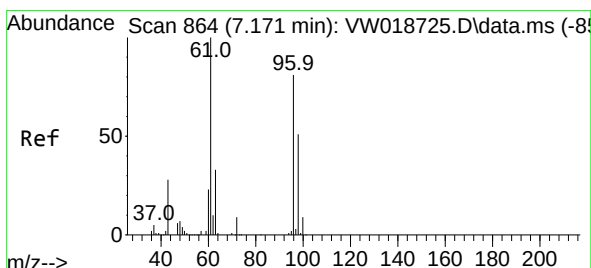
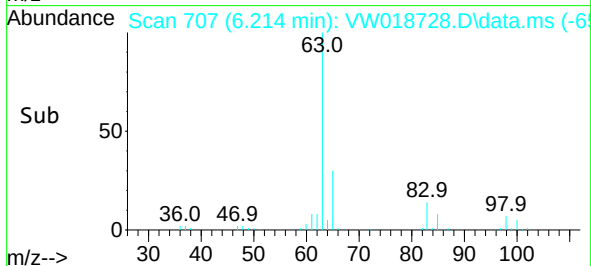
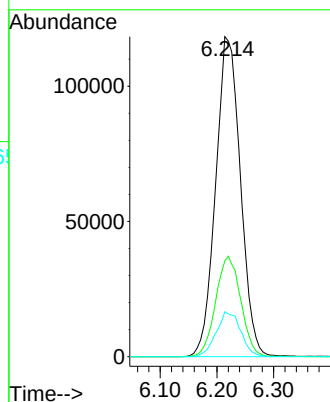
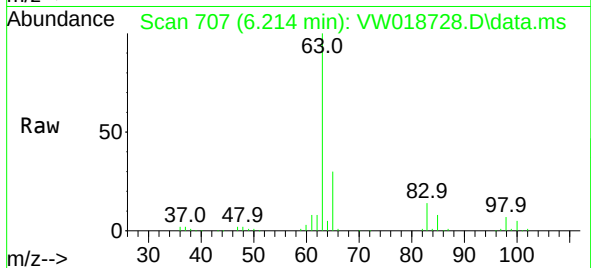
Delta R.T. -0.006 min

Lab File: VW018728.D

Acq: 22 Apr 2021 11:54

Tgt Ion:	63	Resp:	359179
Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.9	42.5
83	14.1	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 24.90 ug/L

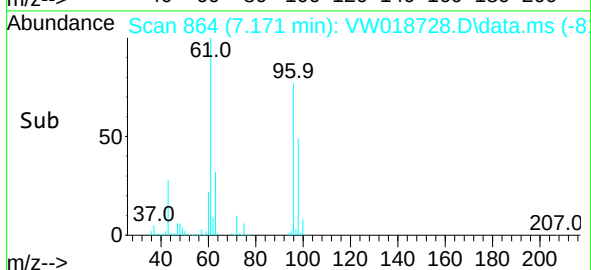
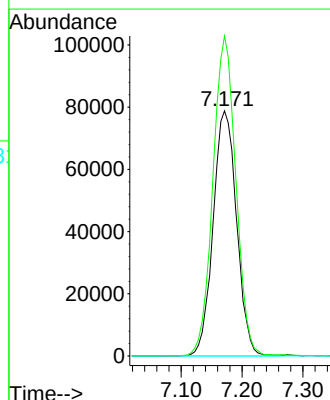
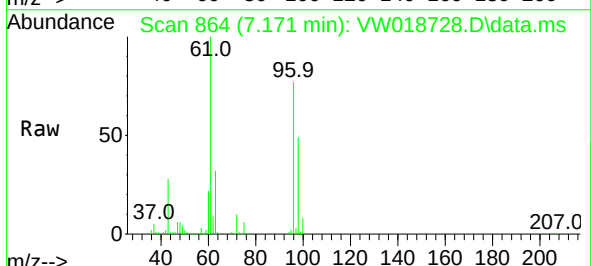
RT: 7.171 min Scan# 864

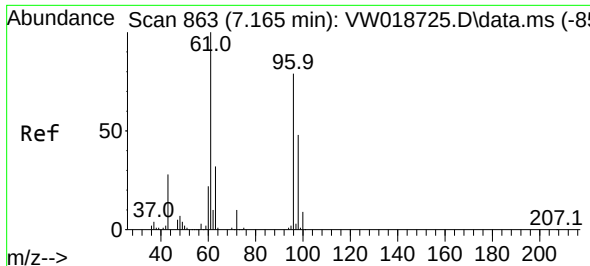
Delta R.T. 0.000 min

Lab File: VW018728.D

Acq: 22 Apr 2021 11:54

Tgt Ion:	96	Resp:	210694
Ion	Ratio	Lower	Upper
96	100		
61	130.6	88.5	164.3
68	0.0	0.0	0.0

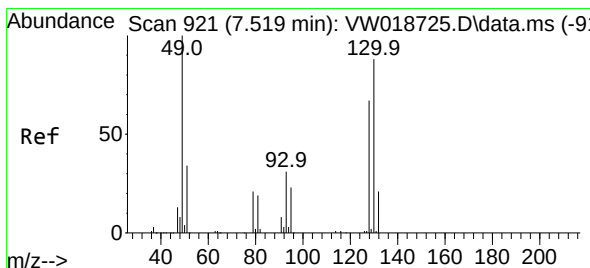
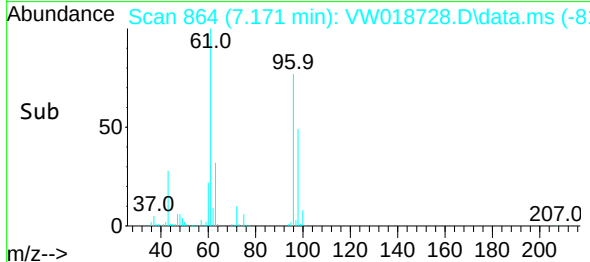
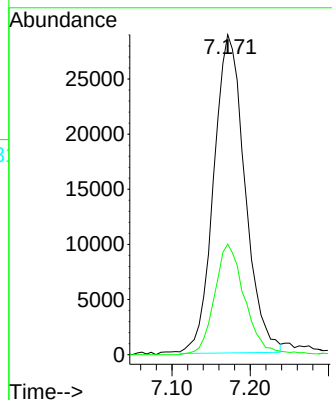
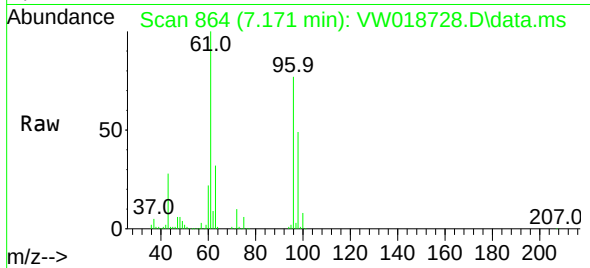




#22
2-Butanone
Concen: 37.24 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

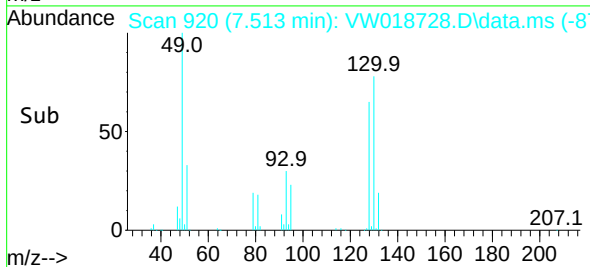
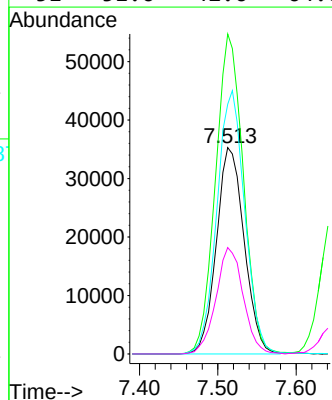
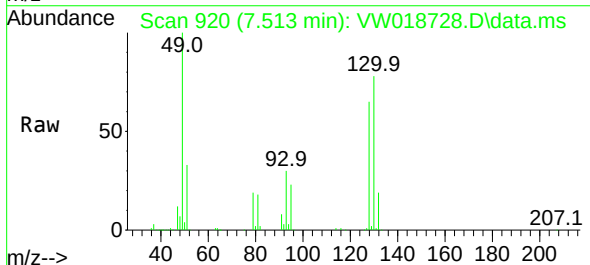
Instrument :
MSVOA_W
ClientSampled :

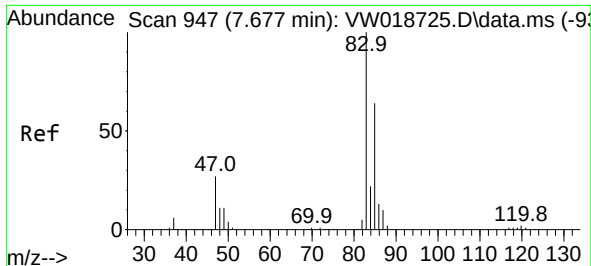
Tgt Ion: 43 Resp: 79938
Ion Ratio Lower Upper
43 100
72 33.4 14.9 44.7



#23
Bromochloromethane
Concen: 23.75 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 128 Resp: 87008
Ion Ratio Lower Upper
128 100
49 155.0 116.3 215.9
130 121.0 82.4 153.0
51 51.6 42.6 64.0

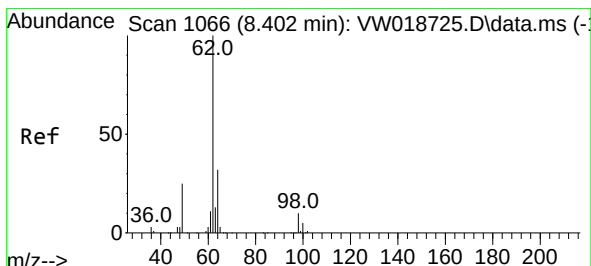
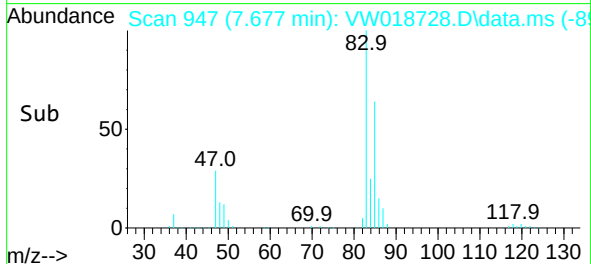
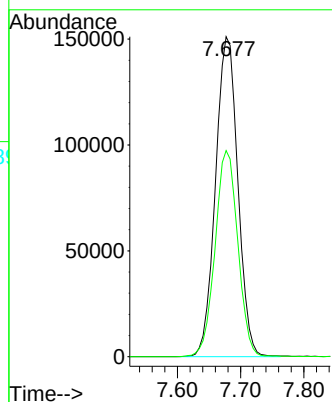
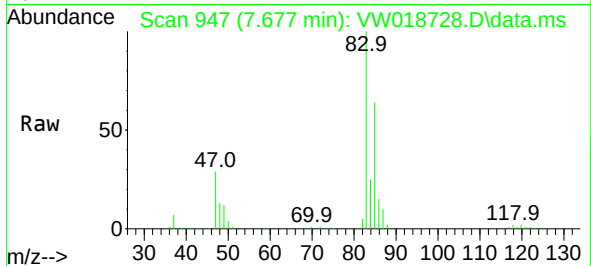




#25
Chloroform
Concen: 24.89 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

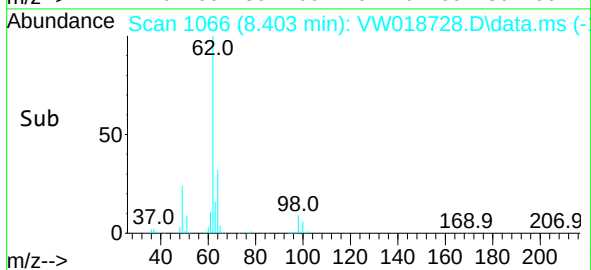
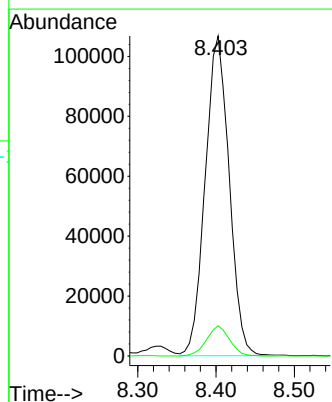
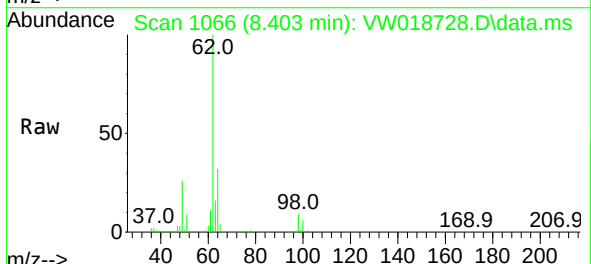
Instrument :
MSVOA_W
ClientSampled :

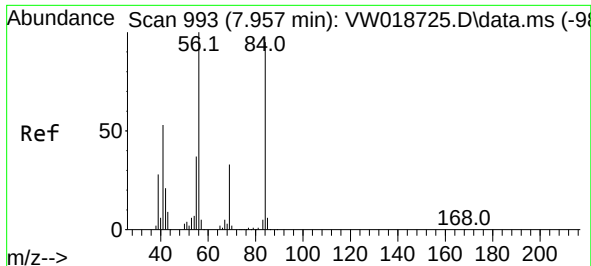
Tgt Ion: 83 Resp: 369577
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.47 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

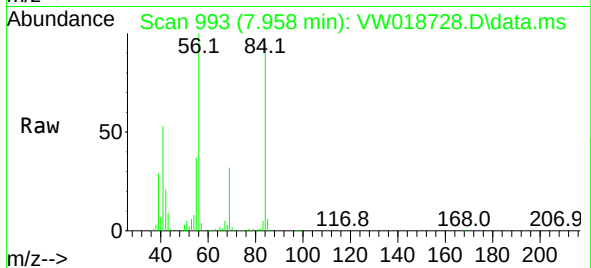
Tgt Ion: 62 Resp: 227087
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3



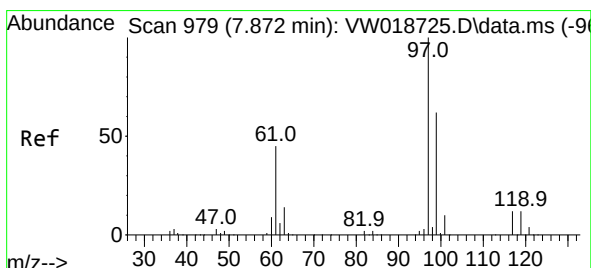
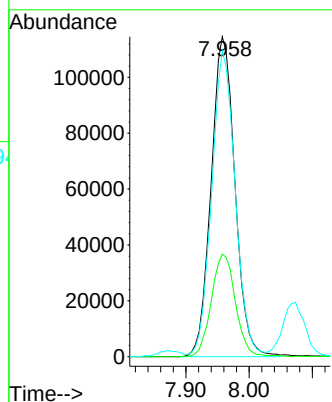
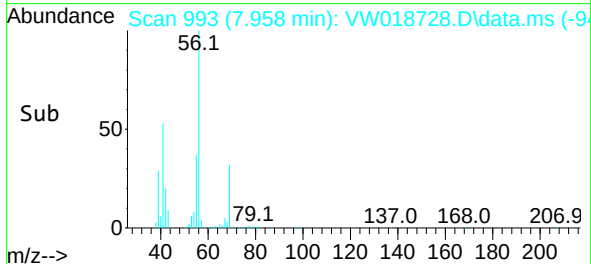


#29
Cyclohexane
Concen: 28.61 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

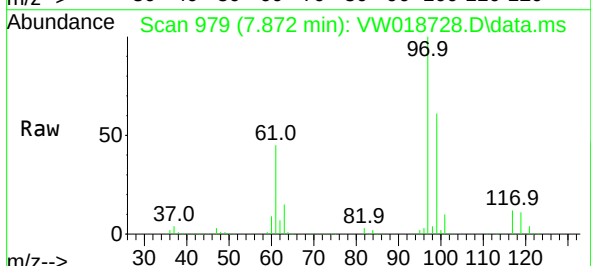
Instrument :
MSVOA_W
ClientSampled :



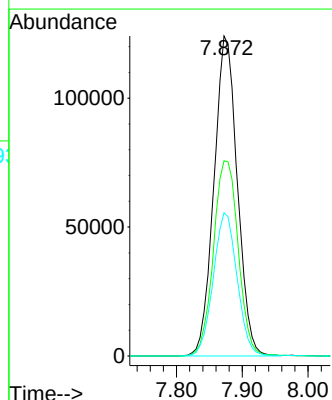
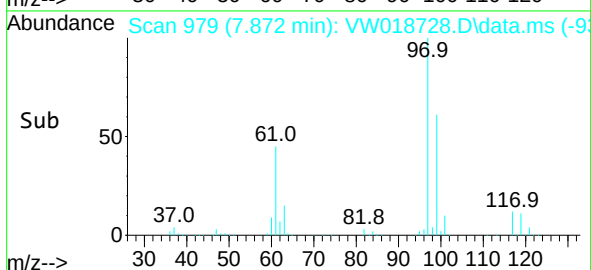
Tgt Ion: 56 Resp: 299694
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 93.9 75.0 112.4

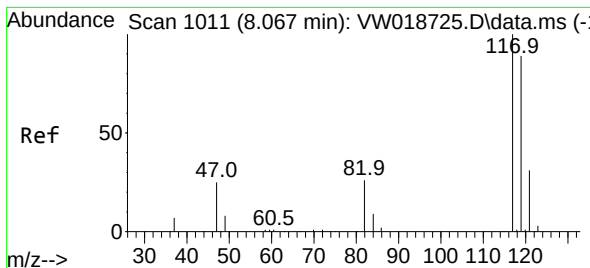


#30
1,1,1-Trichloroethane
Concen: 33.03 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54



Tgt Ion: 97 Resp: 307393
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 45.6 37.8 56.6

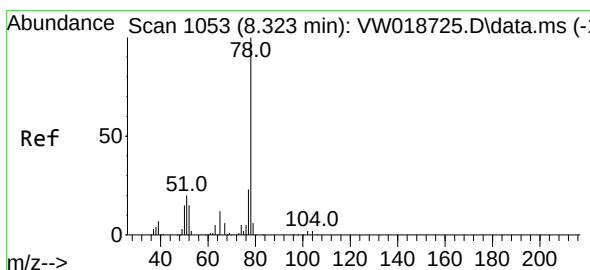
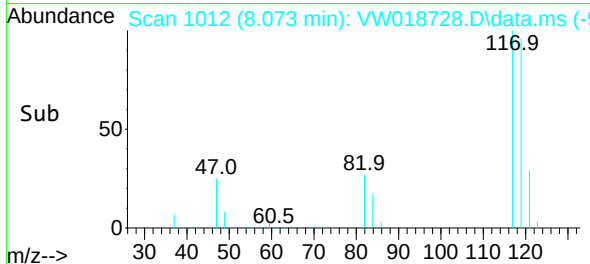
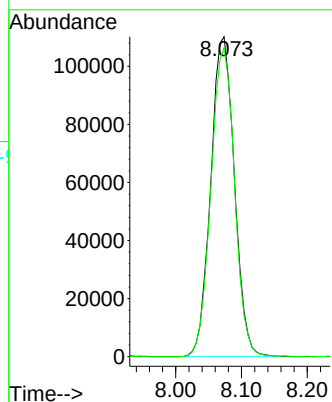
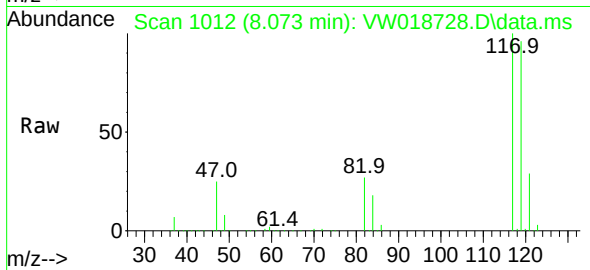




#31
Carbon tetrachloride
Concen: 32.87 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

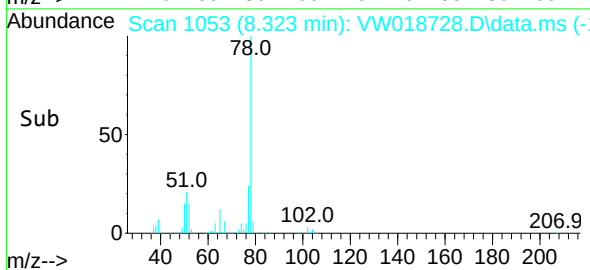
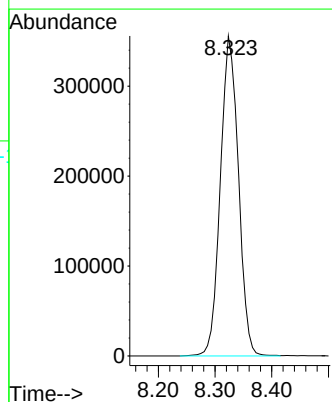
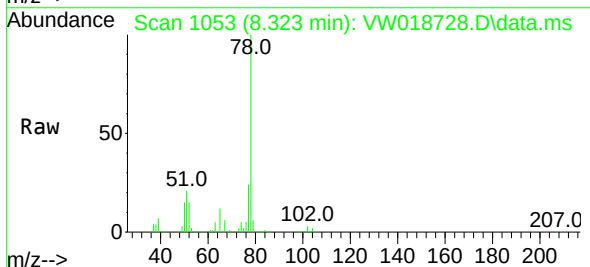
Instrument :
MSVOA_W
ClientSampled :

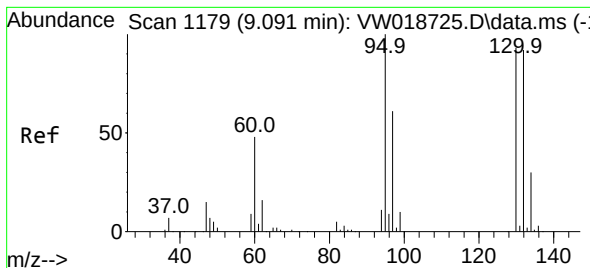
Tgt Ion:117 Resp: 275838
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7



#33
Benzene
Concen: 29.50 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 78 Resp: 787887





#34

Trichloroethene

Concen: 30.01 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW018728.D

Acq: 22 Apr 2021 11:54

Tgt Ion: 95 Resp: 206384

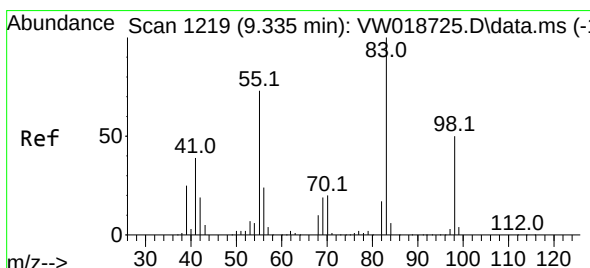
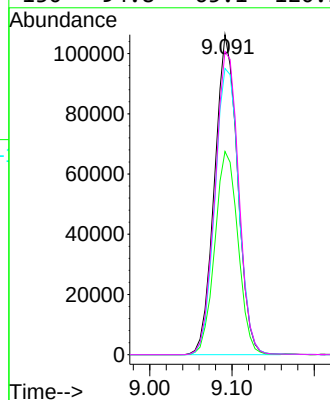
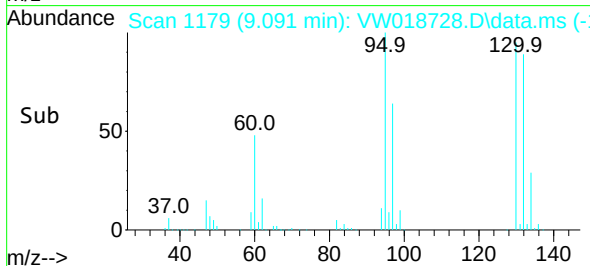
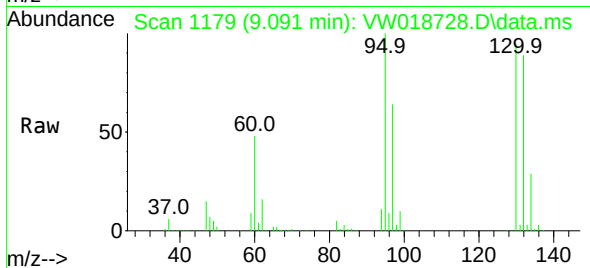
Ion Ratio Lower Upper

95 100

97 63.5 47.3 87.8

132 89.5 71.0 131.8

130 94.8 65.1 120.9



#35

Methylcyclohexane

Concen: 25.26 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW018728.D

Acq: 22 Apr 2021 11:54

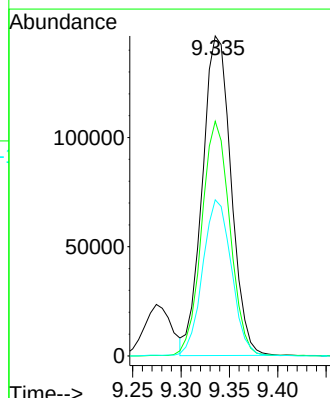
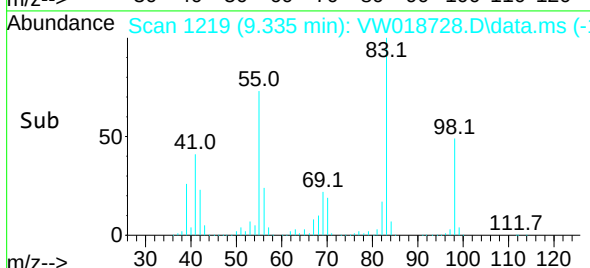
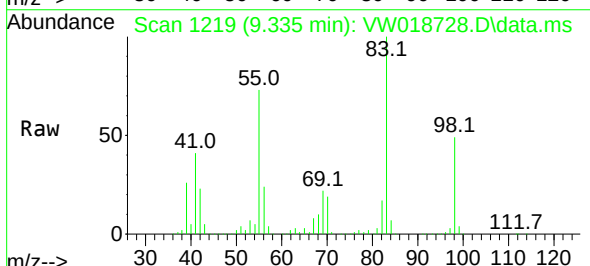
Tgt Ion: 83 Resp: 301890

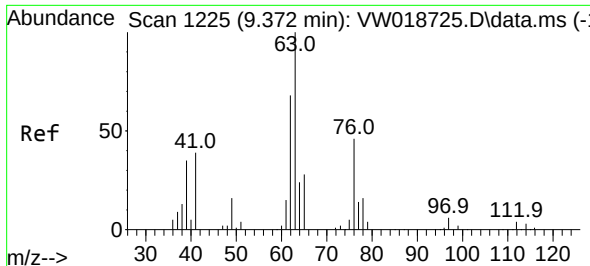
Ion Ratio Lower Upper

83 100

55 72.2 58.9 88.3

98 49.2 40.1 60.1

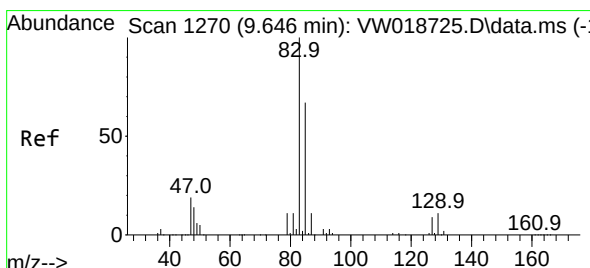
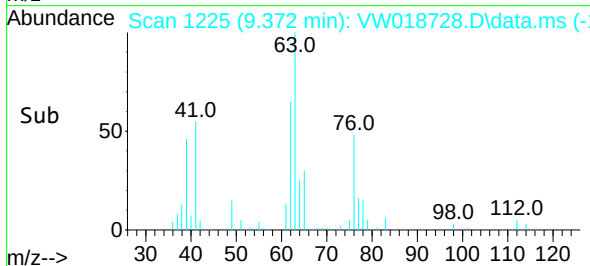
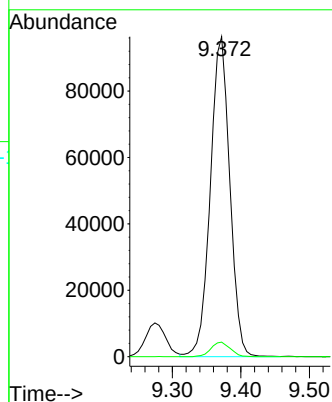
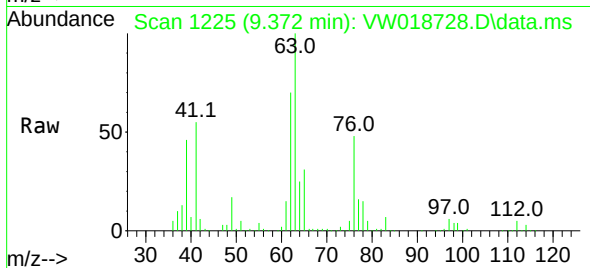




#37
1,2-Dichloropropane
Concen: 28.14 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

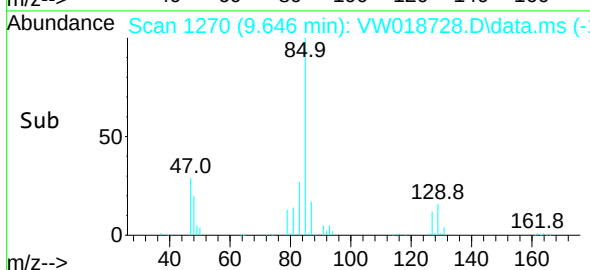
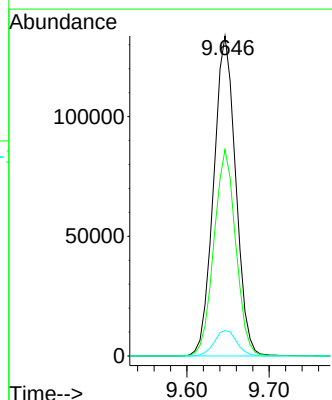
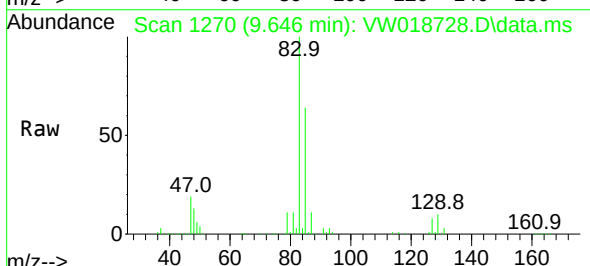
Instrument :
MSVOA_W
ClientSampled :

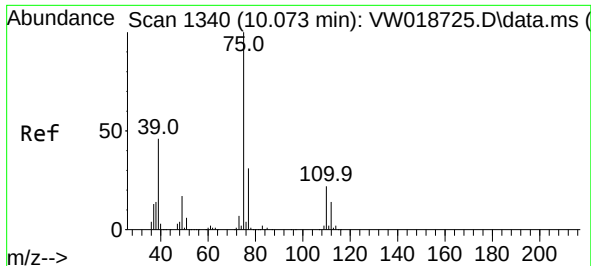
Tgt Ion: 63 Resp: 190320
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 29.01 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 83 Resp: 249622
Ion Ratio Lower Upper
83 100
85 64.5 42.3 78.5
127 8.0 6.6 9.8

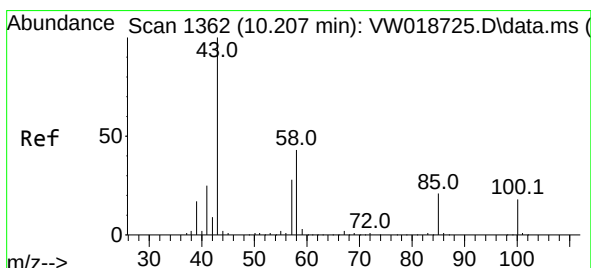
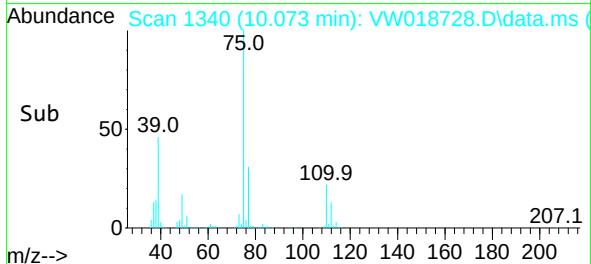
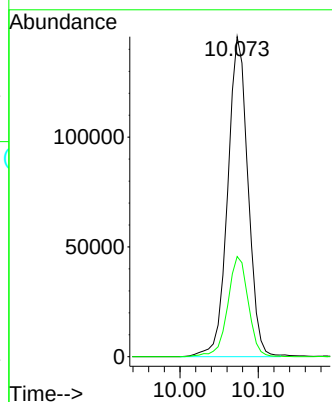
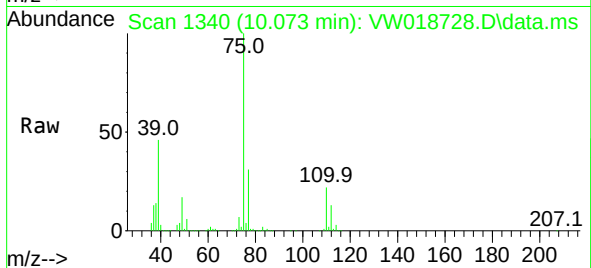




#39
cis-1,3-Dichloropropene
Concen: 26.11 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

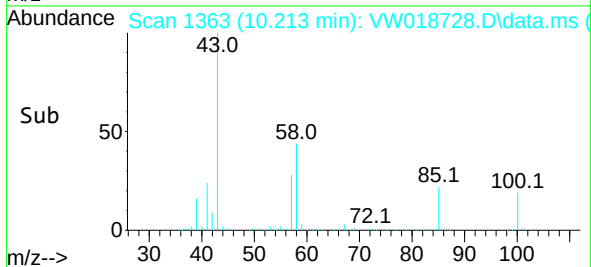
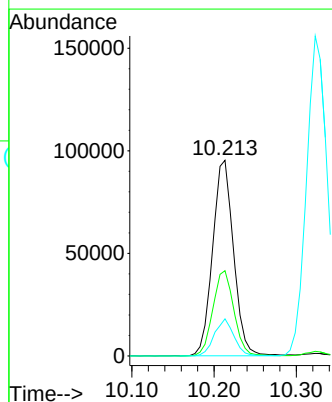
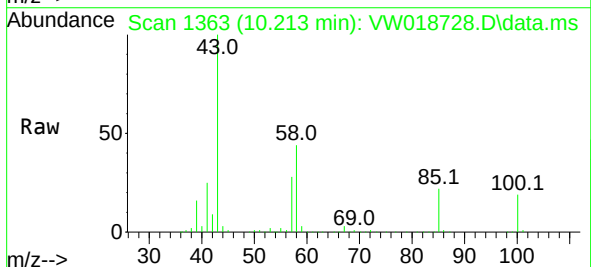
Instrument :
MSVOA_W
ClientSampled :

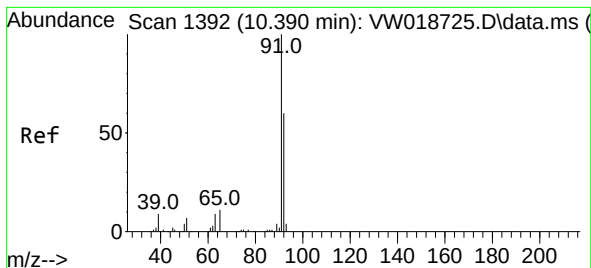
Tgt Ion: 75 Resp: 262086
Ion Ratio Lower Upper
75 100
77 31.3 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 40.64 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 43 Resp: 168793
Ion Ratio Lower Upper
43 100
58 43.8 31.0 46.4
100 17.8 13.0 19.6





#42

Toluene

Concen: 28.84 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018728.D

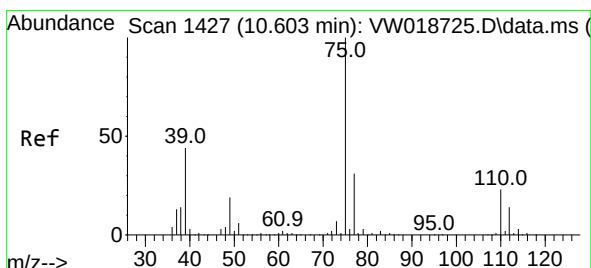
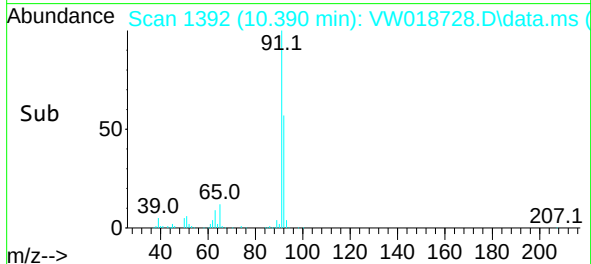
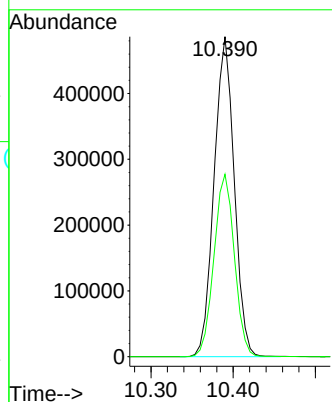
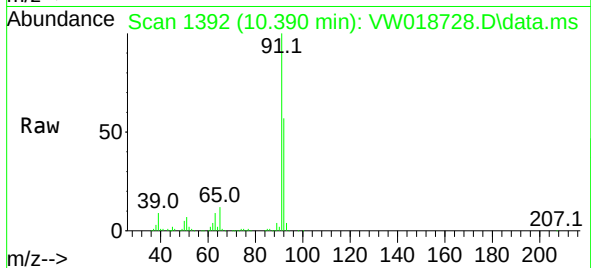
Acq: 22 Apr 2021 11:54

Tgt Ion: 91 Resp: 826761

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 23.80 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW018728.D

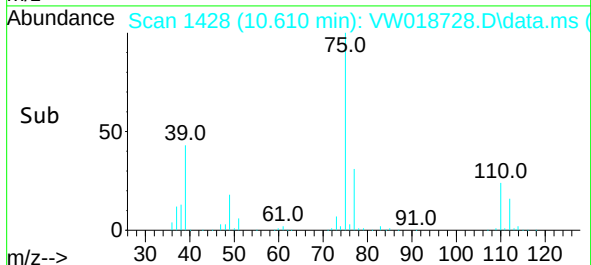
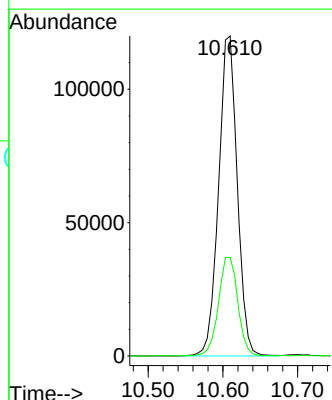
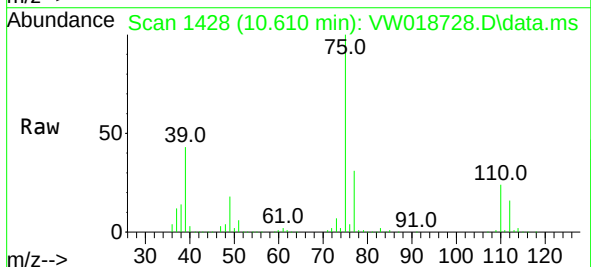
Acq: 22 Apr 2021 11:54

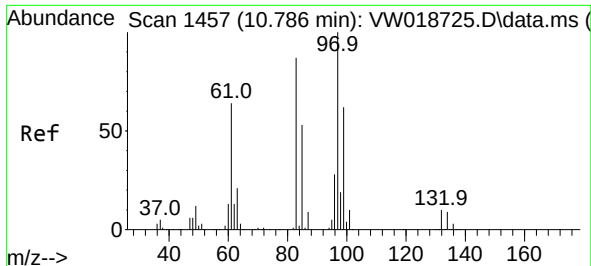
Tgt Ion: 75 Resp: 208504

Ion Ratio Lower Upper

75 100

77 30.8 21.1 39.1

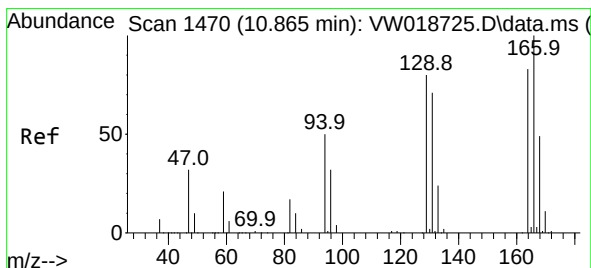
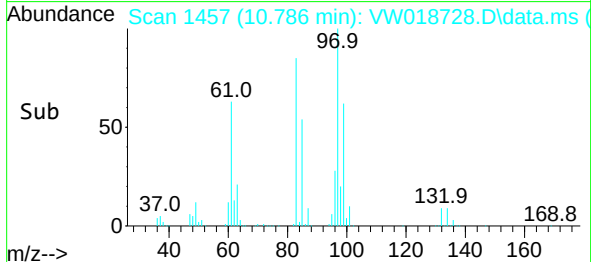
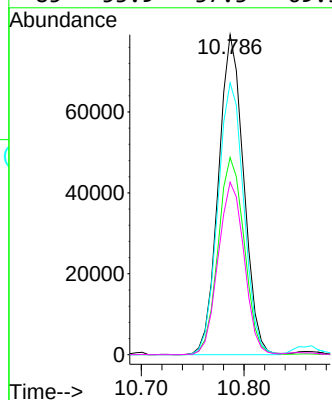
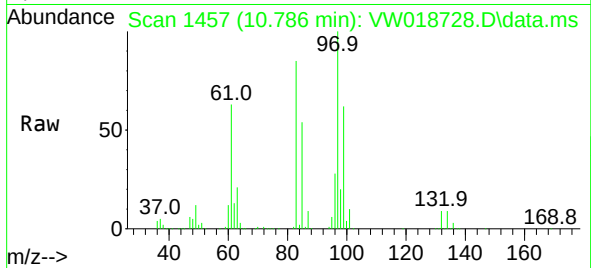




#45
1,1,2-Trichloroethane
Concen: 26.88 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

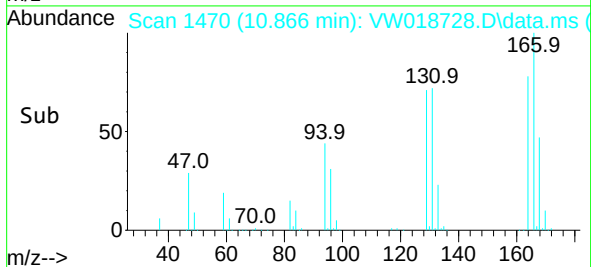
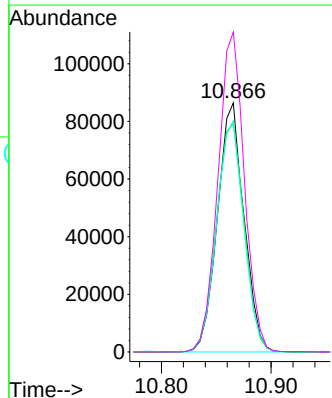
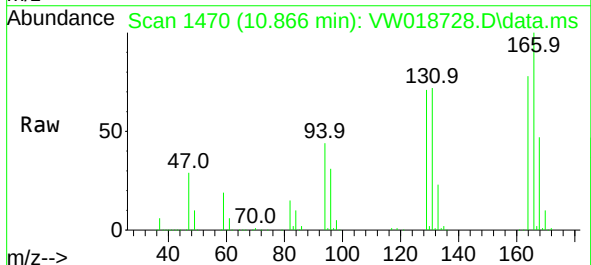
Instrument :
MSVOA_W
ClientSampleId :

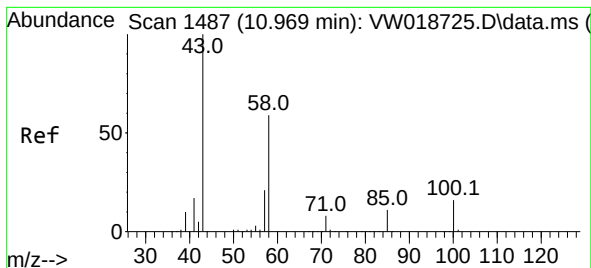
Tgt Ion: 97 Resp: 134813
Ion Ratio Lower Upper
97 100
99 61.6 45.1 83.7
83 85.0 58.1 107.9
85 53.9 37.3 69.3



#46
Tetrachloroethene
Concen: 29.86 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion:164 Resp: 145097
Ion Ratio Lower Upper
164 100
129 91.5 66.7 123.9
131 92.8 61.1 113.5
166 128.5 87.0 161.6

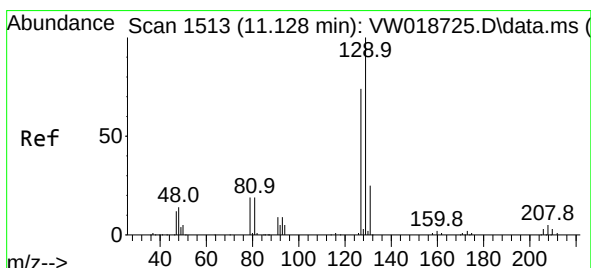
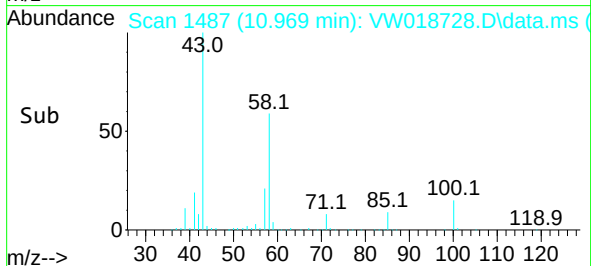
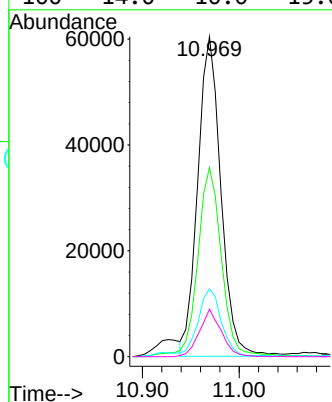
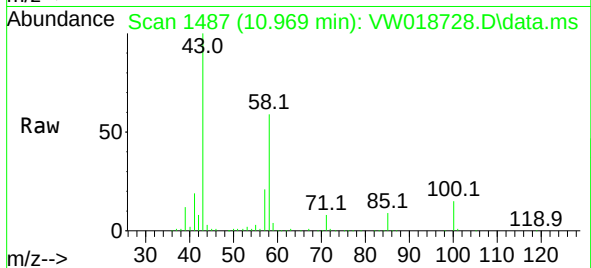




#48
2-Hexanone
Concen: 38.36 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

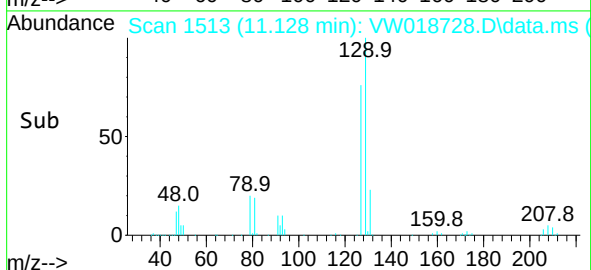
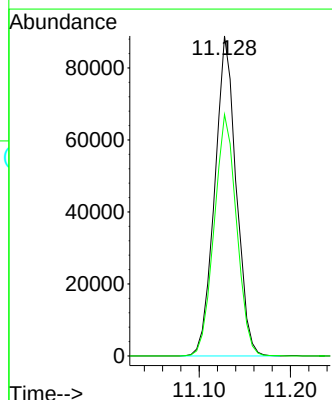
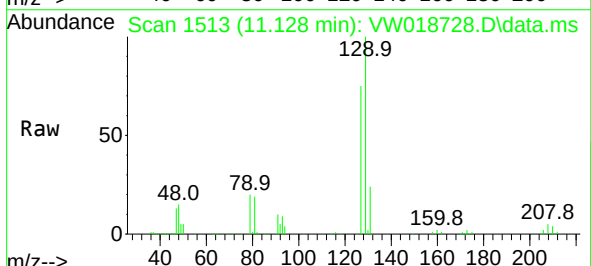
Instrument :
MSVOA_W
ClientSampled :

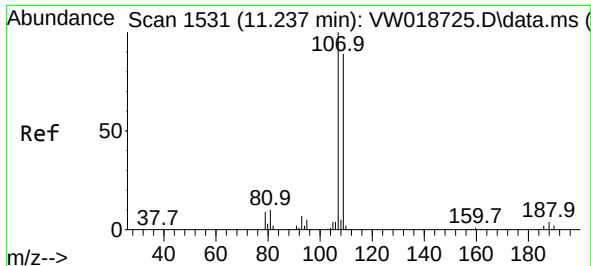
Tgt Ion: 43	Resp: 100715
Ion Ratio	Lower Upper
43 100	
58 60.7	42.7 64.1
57 21.1	15.8 23.8
100 14.0	10.0 15.0



#49
Dibromochloromethane
Concen: 27.14 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

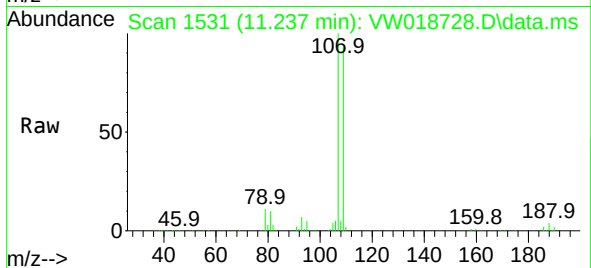
Tgt Ion:129	Resp: 145067		
Ion Ratio	Lower	Upper	
129 100			
127 75.4	51.7	95.9	



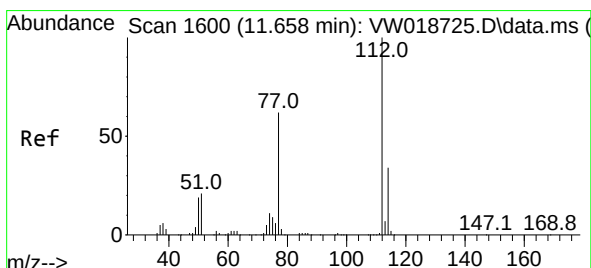
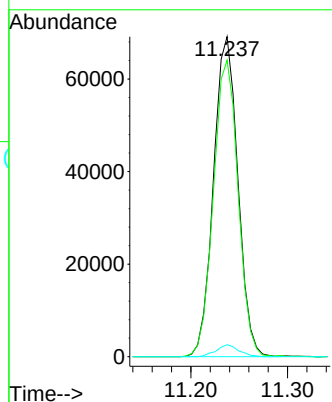
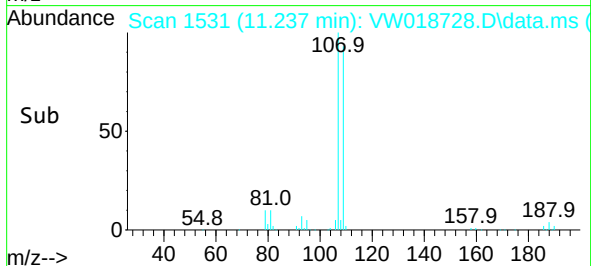


#50
1,2-Dibromoethane
Concen: 25.35 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

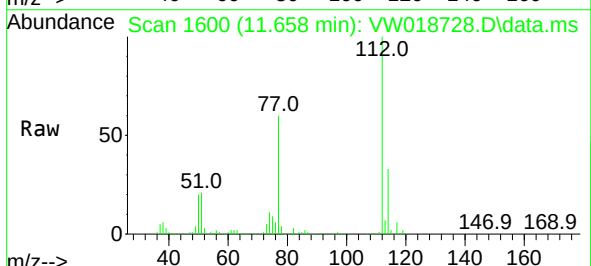
Instrument :
MSVOA_W
ClientSampled :



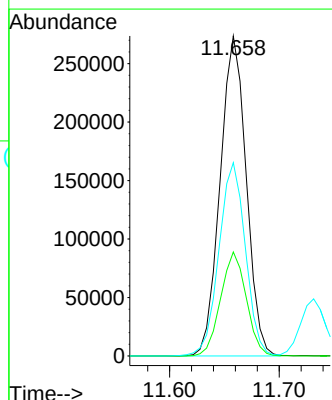
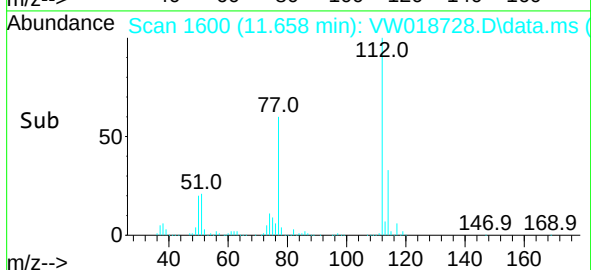
Tgt Ion:107 Resp: 120967
Ion Ratio Lower Upper
107 100
109 92.7 65.4 121.4
188 3.7 2.6 4.0

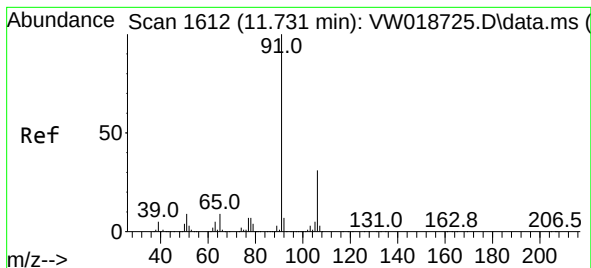


#51
Chlorobenzene
Concen: 25.65 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54



Tgt Ion:112 Resp: 452827
Ion Ratio Lower Upper
112 100
114 32.5 23.4 43.6
77 60.4 47.6 71.4

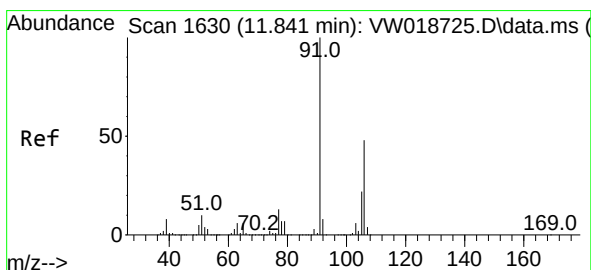
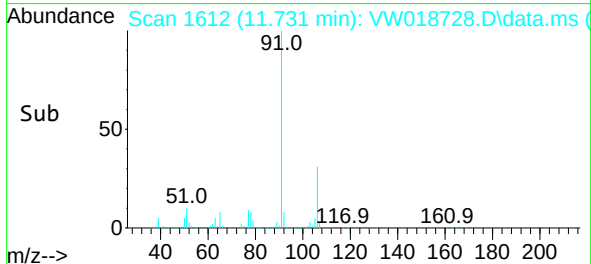
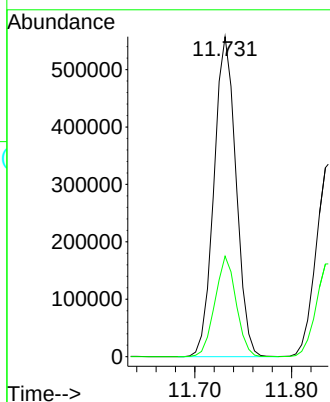
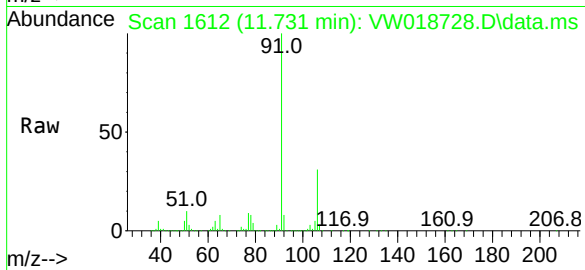




#52
Ethylbenzene
Concen: 27.86 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

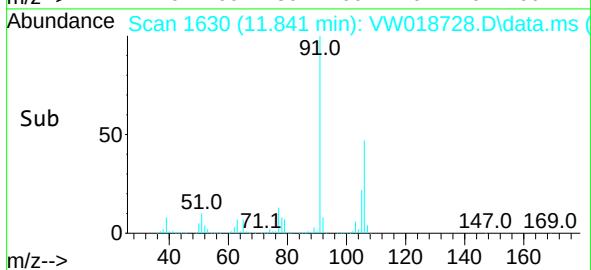
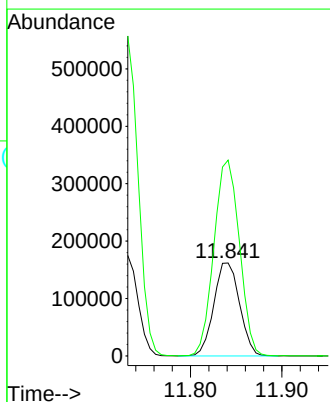
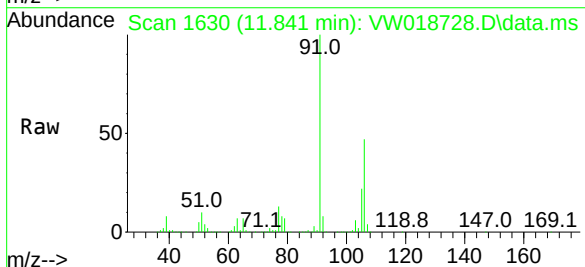
Instrument :
MSVOA_W
ClientSampled :

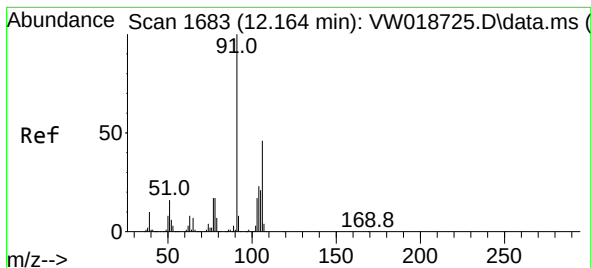
Tgt Ion: 91 Resp: 882166
Ion Ratio Lower Upper
91 100
106 31.4 22.5 41.7



#53
m,p-Xylene
Concen: 27.30 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion:106 Resp: 317187
Ion Ratio Lower Upper
106 100
91 210.6 141.3 262.3

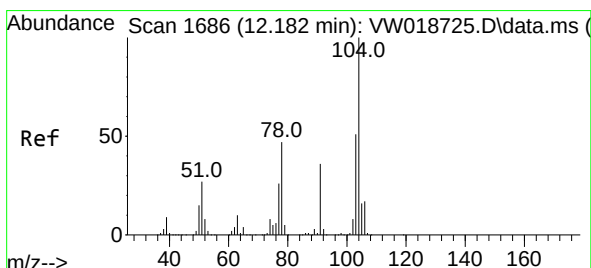
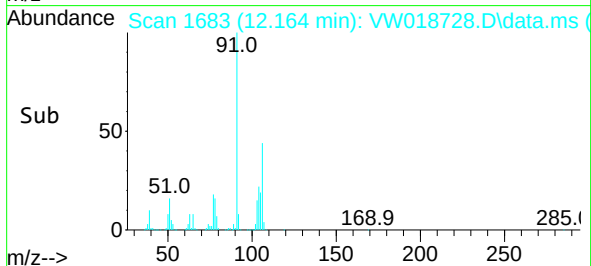
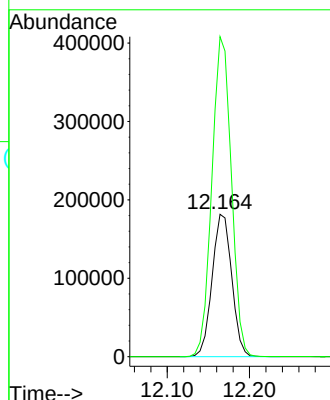
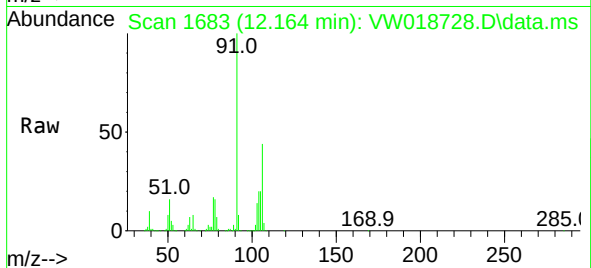




#54
o-Xylene
Concen: 26.92 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

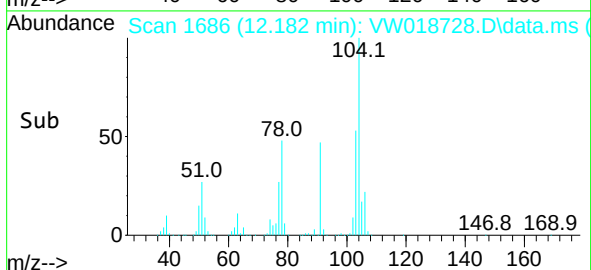
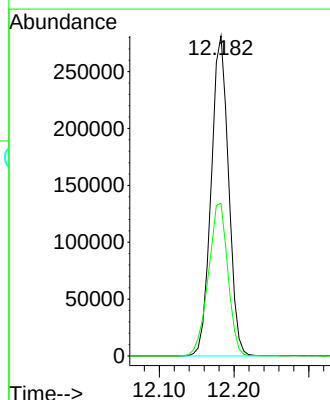
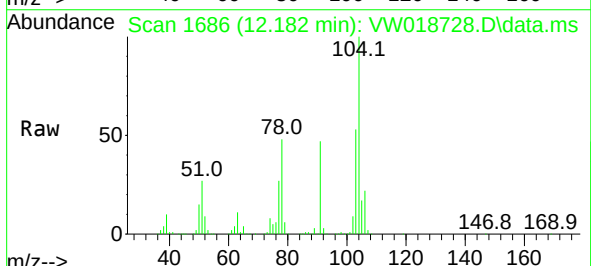
Instrument :
MSVOA_W
ClientSampled :

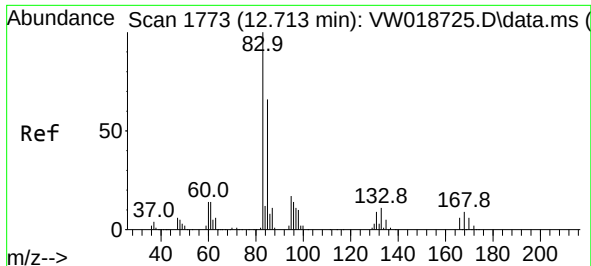
Tgt Ion:106 Resp: 300190
Ion Ratio Lower Upper
106 100
91 224.8 150.0 278.6



#55
Styrene
Concen: 23.55 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion:104 Resp: 454230
Ion Ratio Lower Upper
104 100
78 47.7 32.5 60.3

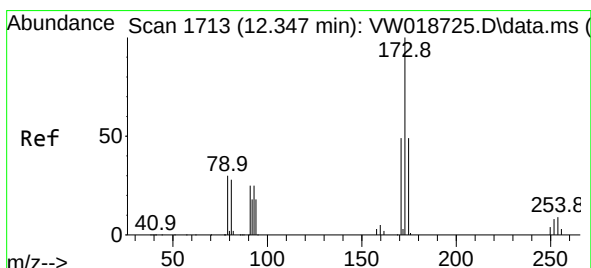
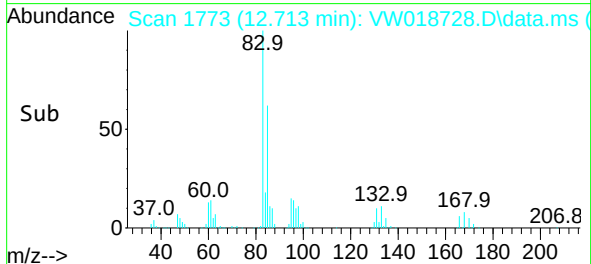
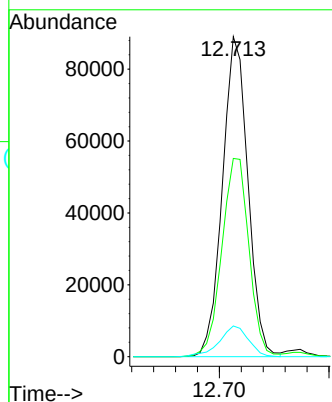
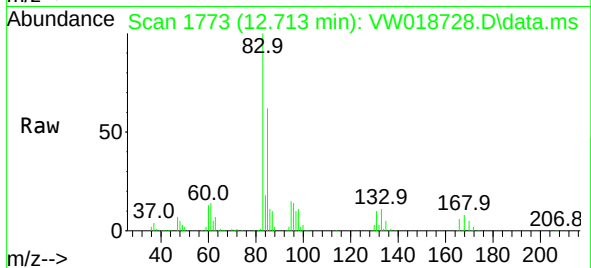




#57
1,1,2,2-Tetrachloroethane
Concen: 23.04 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

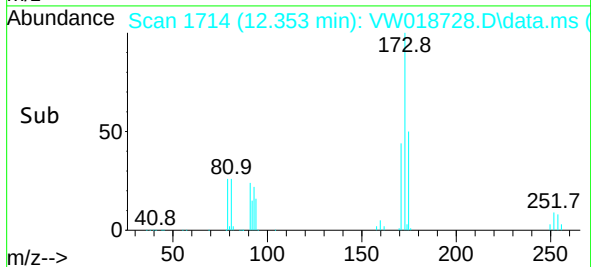
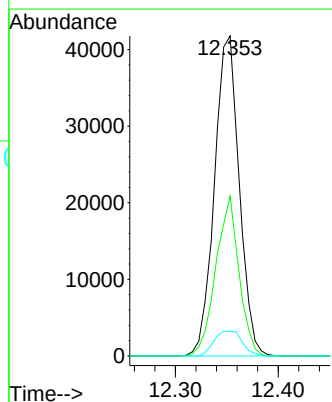
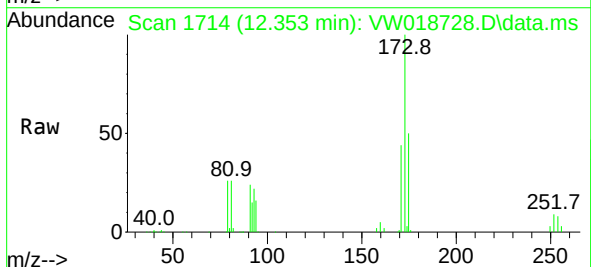
Instrument :
MSVOA_W
ClientSampleId :

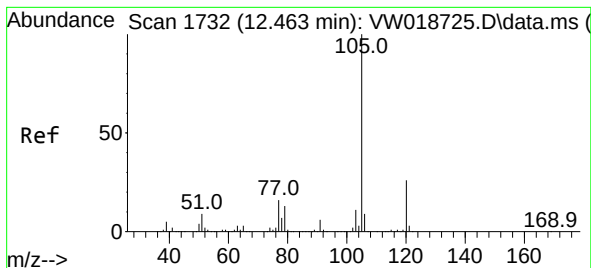
Tgt Ion: 83 Resp: 143921
Ion Ratio Lower Upper
83 100
85 62.0 44.4 82.4
131 9.6 8.2 12.4



#59
Bromoform
Concen: 31.76 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 173 Resp: 69829
Ion Ratio Lower Upper
173 100
175 46.6 37.5 56.3
254 8.9 7.0 10.4

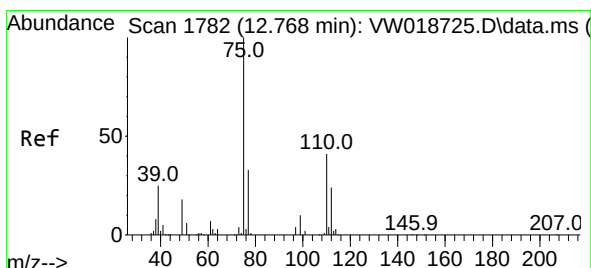
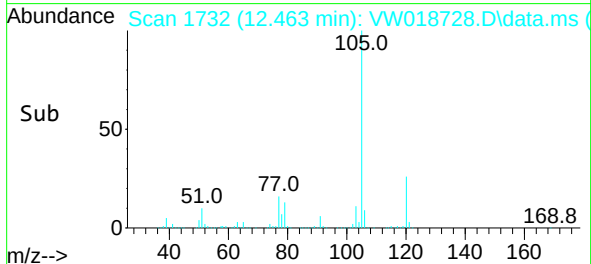
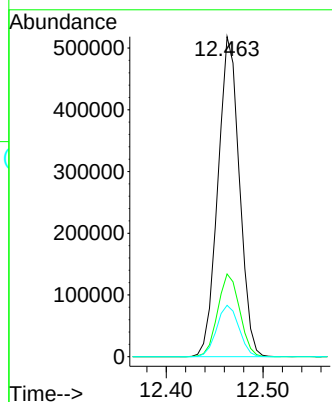
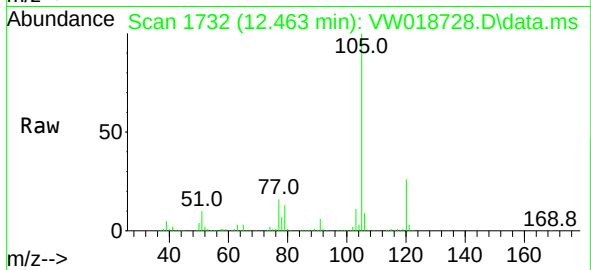




#60
Isopropylbenzene
Concen: 35.25 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

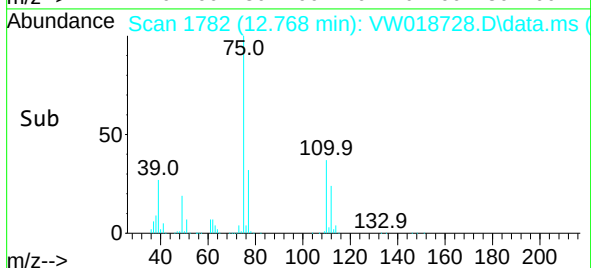
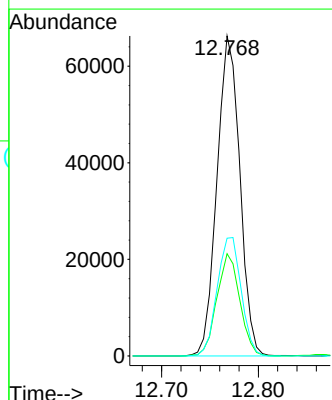
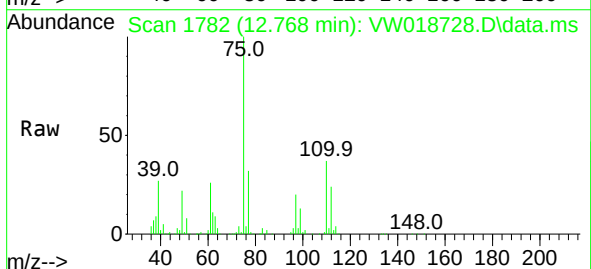
Instrument :
MSVOA_W
ClientSampleId :

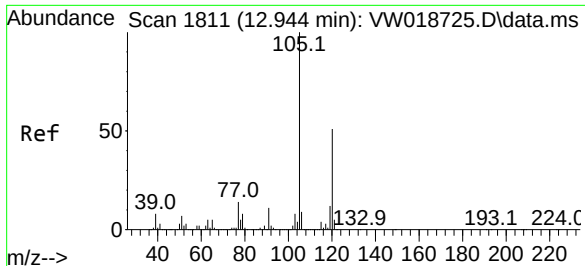
Tgt Ion:105 Resp: 799757
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 30.88 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion: 75 Resp: 108818
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 38.9 32.6 48.8

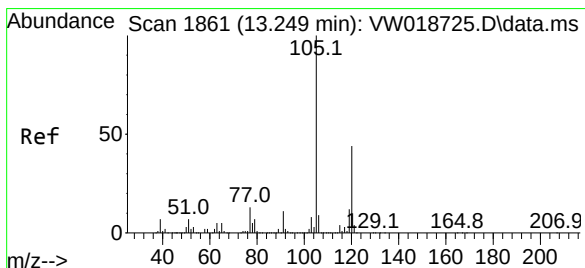
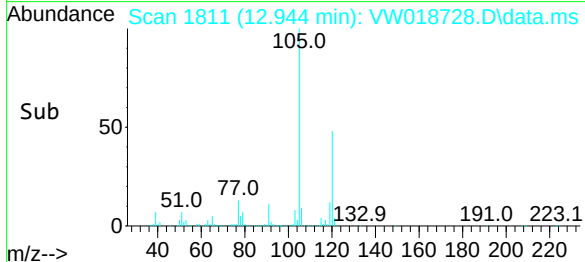
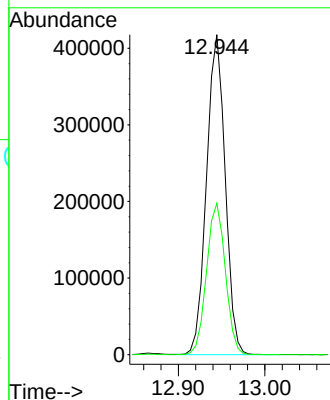
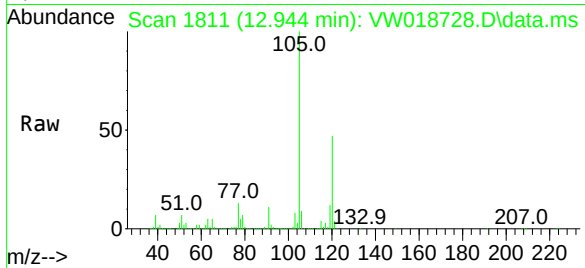




#62
1,3,5-Trimethylbenzene
Concen: 33.30 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

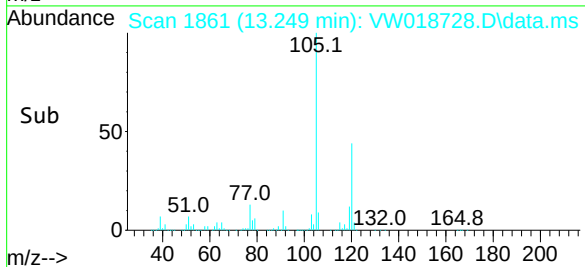
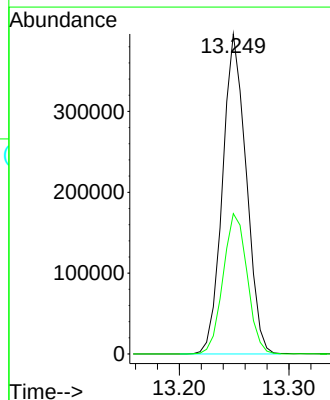
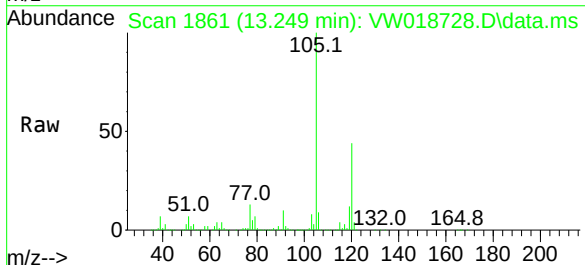
Instrument :
MSVOA_W
ClientSampled :

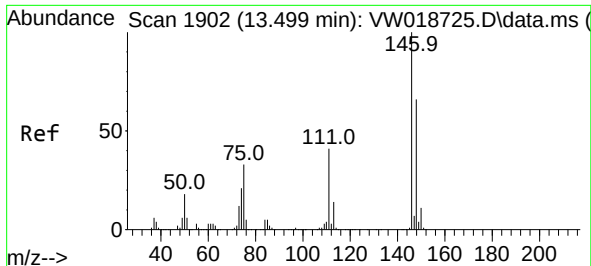
Tgt Ion:105 Resp: 625762
Ion Ratio Lower Upper
105 100
120 47.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 31.64 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion:105 Resp: 593397
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

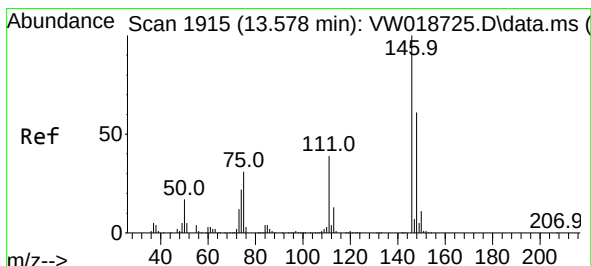
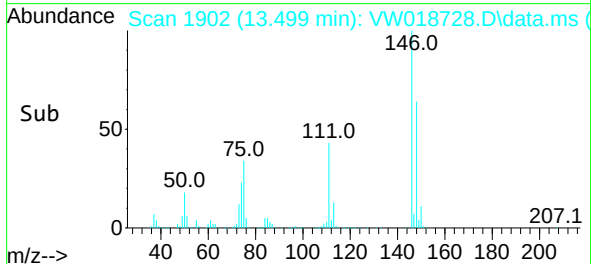
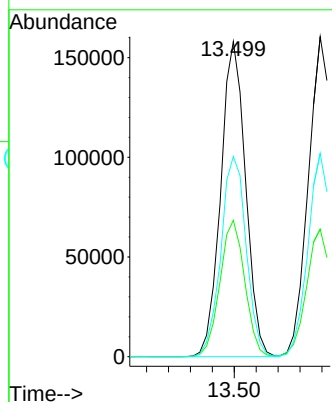
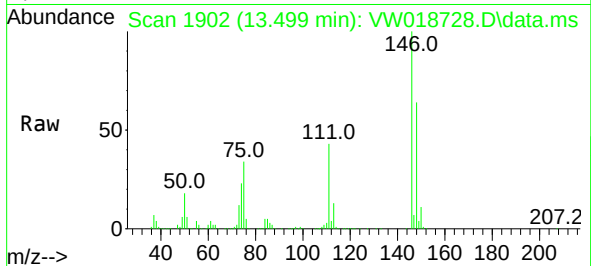




#64
1,3-Dichlorobenzene
Concen: 25.90 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

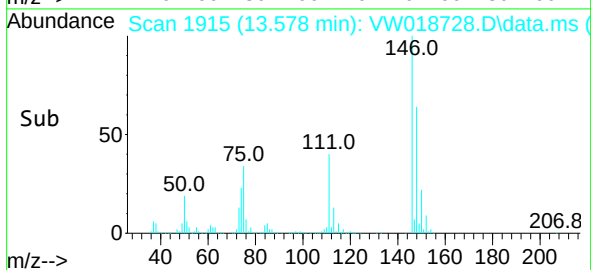
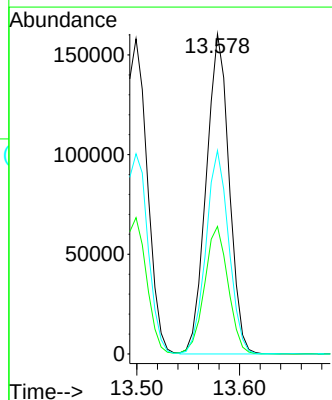
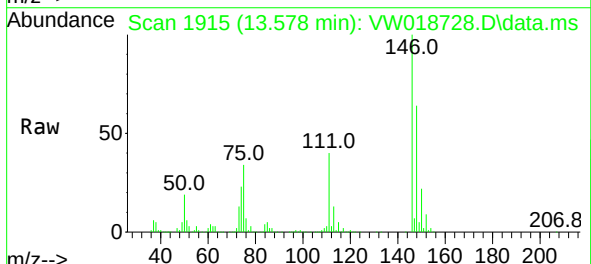
Instrument :
MSVOA_W
ClientSampled :

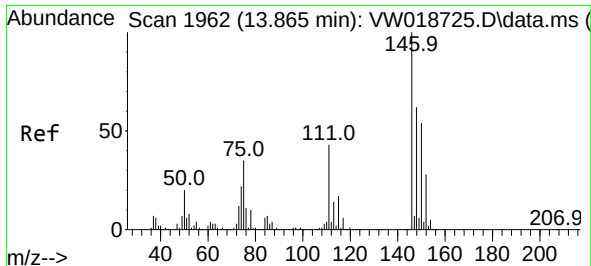
Tgt Ion:146 Resp: 248991
Ion Ratio Lower Upper
146 100
111 43.2 26.7 49.7
148 63.5 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.57 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

Tgt Ion:146 Resp: 248624
Ion Ratio Lower Upper
146 100
111 39.9 28.8 53.4
148 63.5 46.8 87.0

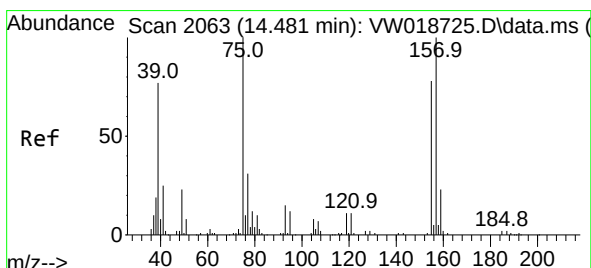
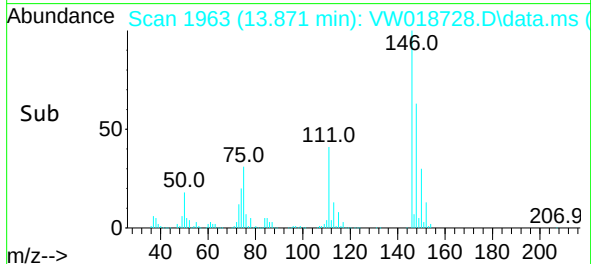
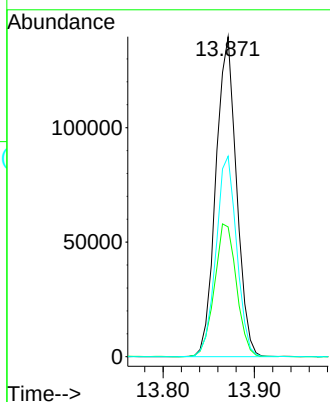
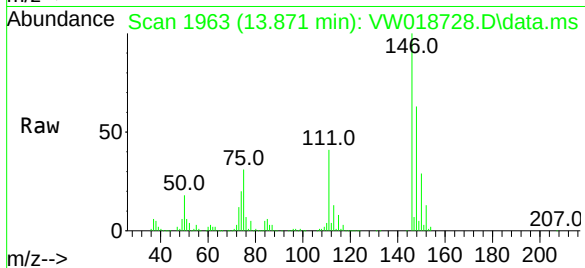




#67
1,2-Dichlorobenzene
Concen: 24.82 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

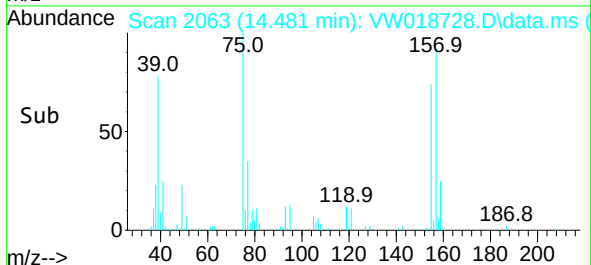
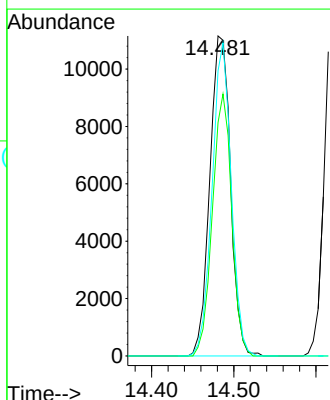
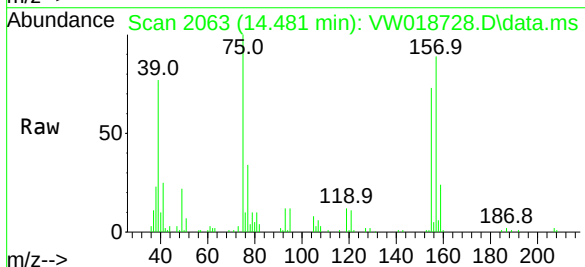
Instrument :
MSVOA_W
ClientSampleId :

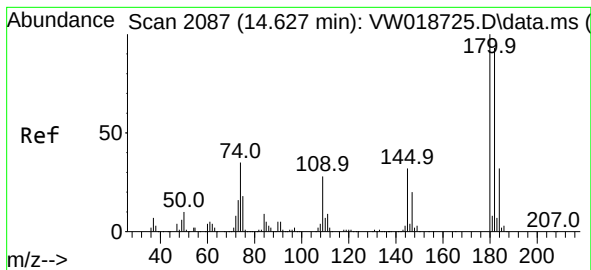
Tgt Ion:146 Resp: 219489
Ion Ratio Lower Upper
146 100
111 40.6 33.2 49.8
148 62.7 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.55 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

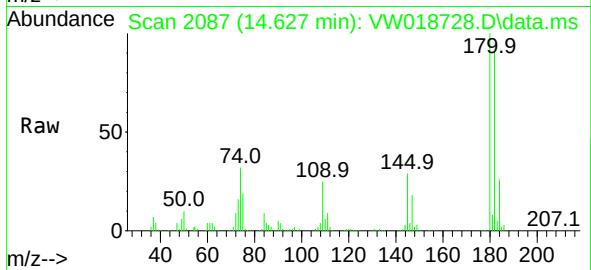
Tgt Ion: 75 Resp: 19446
Ion Ratio Lower Upper
75 100
155 72.9 59.4 89.0
157 89.1 72.2 108.2



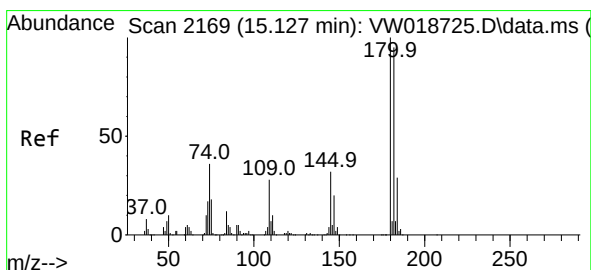
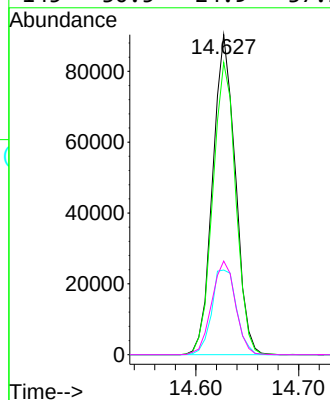
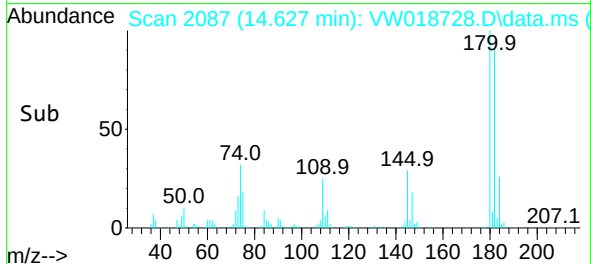


#69
1,3,5-Trichlorobenzene
Concen: 20.10 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

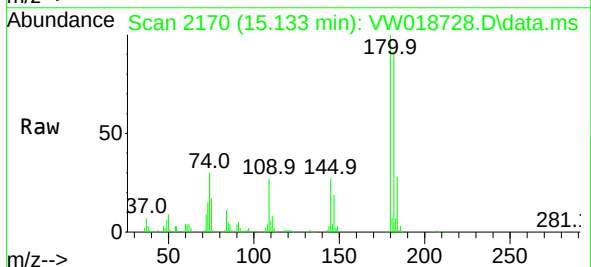
Instrument :
MSVOA_W
ClientSampleId :



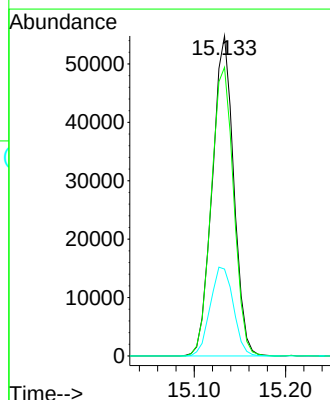
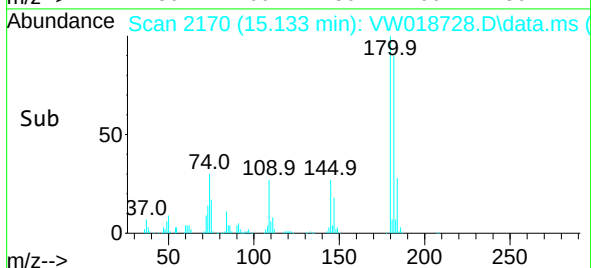
Tgt Ion:180 Resp: 137951
Ion Ratio Lower Upper
180 100
182 92.5 73.4 110.2
184 28.9 23.6 35.4
145 30.5 24.9 37.3

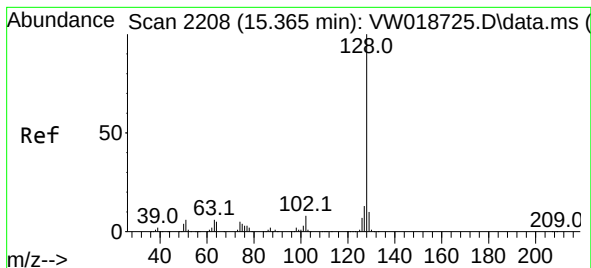


#70
1,2,4-trichlorobenzene
Concen: 15.99 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54



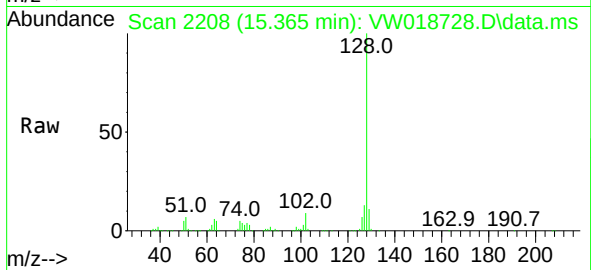
Tgt Ion:180 Resp: 89339
Ion Ratio Lower Upper
180 100
182 93.7 74.7 112.1
145 29.8 25.0 37.4



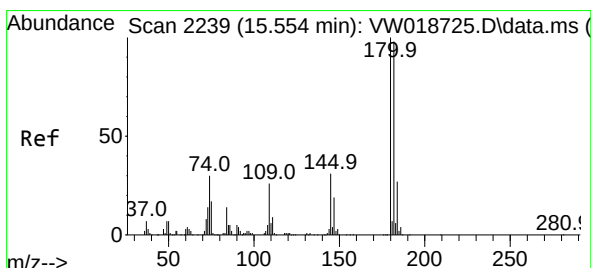
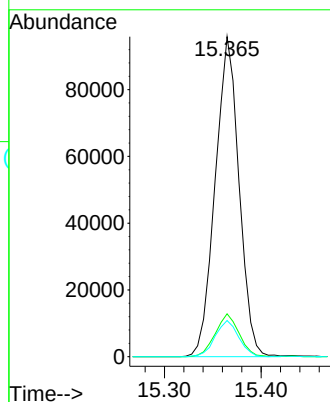
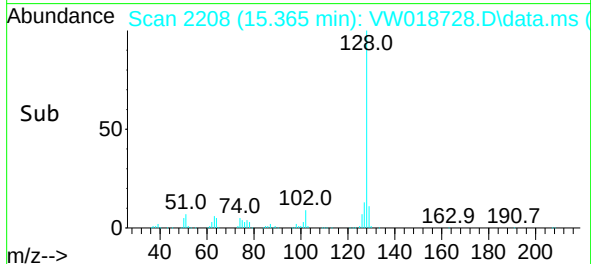


#71
Naphthalene
Concen: 13.92 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54

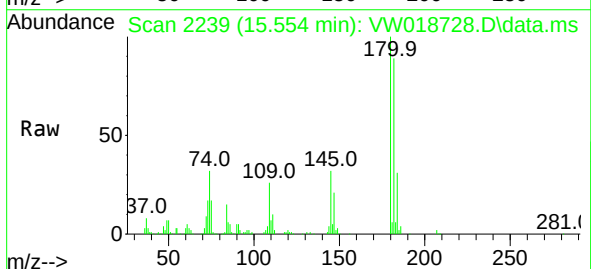
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 163845
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.2 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 14.40 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018728.D
Acq: 22 Apr 2021 11:54



Tgt Ion:180 Resp: 70985
Ion Ratio Lower Upper
180 100
182 91.4 76.7 115.1
145 31.6 28.9 43.3

