

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019866.D
 Acq On : 24 Aug 2021 09:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Aug 25 00:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	350069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172409	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142078	26.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.760%
7) Chloroethane-d5	2.898	69	127305	26.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.960%
11) 1,1-Dichloroethene-d2	4.031	63	224458	23.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.400%
21) 2-Butanone-d5	7.086	46	43334	39.333	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.660%
24) Chloroform-d	7.653	84	244455	25.392	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.560%
26) 1,2-Dichloroethane-d4	8.311	65	122460	23.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	8.281	84	477780	25.605	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.274	67	138642	24.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	10.323	98	437252	25.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.280%
43) trans-1,3-Dichloroprop...	10.579	79	56704	24.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.160%
47) 2-Hexanone-d5	10.927	63	32232	40.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.900%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108056	23.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	142548	24.103	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	90185	26.288	ug/L	99
3) Chloromethane	2.221	50	96379	22.574	ug/L	98
5) Vinyl chloride	2.373	62	163132	25.765	ug/L	97
6) Bromomethane	2.788	94	116001	24.689	ug/L	100
8) Chloroethane	2.934	64	106213	25.589	ug/L	97
9) Trichlorofluoromethane	3.269	101	93670	23.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	122086	25.256	ug/L	96
12) 1,1-Dichloroethene	4.050	96	113324	23.906	ug/L	99
13) Acetone	4.135	43	32174	34.209	ug/L	86
14) Carbon disulfide	4.391	76	359978	23.742	ug/L	99
15) Methyl Acetate	4.678	43	38640	19.737	ug/L	100
16) Methylene chloride	4.922	84	126276	21.017	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	118867	23.870	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	121324	21.165	ug/L	97
19) 1,1-Dichloroethane	6.220	63	209478	23.731	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	118770	23.563	ug/L	99
22) 2-Butanone	7.183	43	48333	39.658	ug/L	99
23) Bromochloromethane	7.519	128	52828	23.419	ug/L	91
25) Chloroform	7.677	83	217441	23.810	ug/L	95

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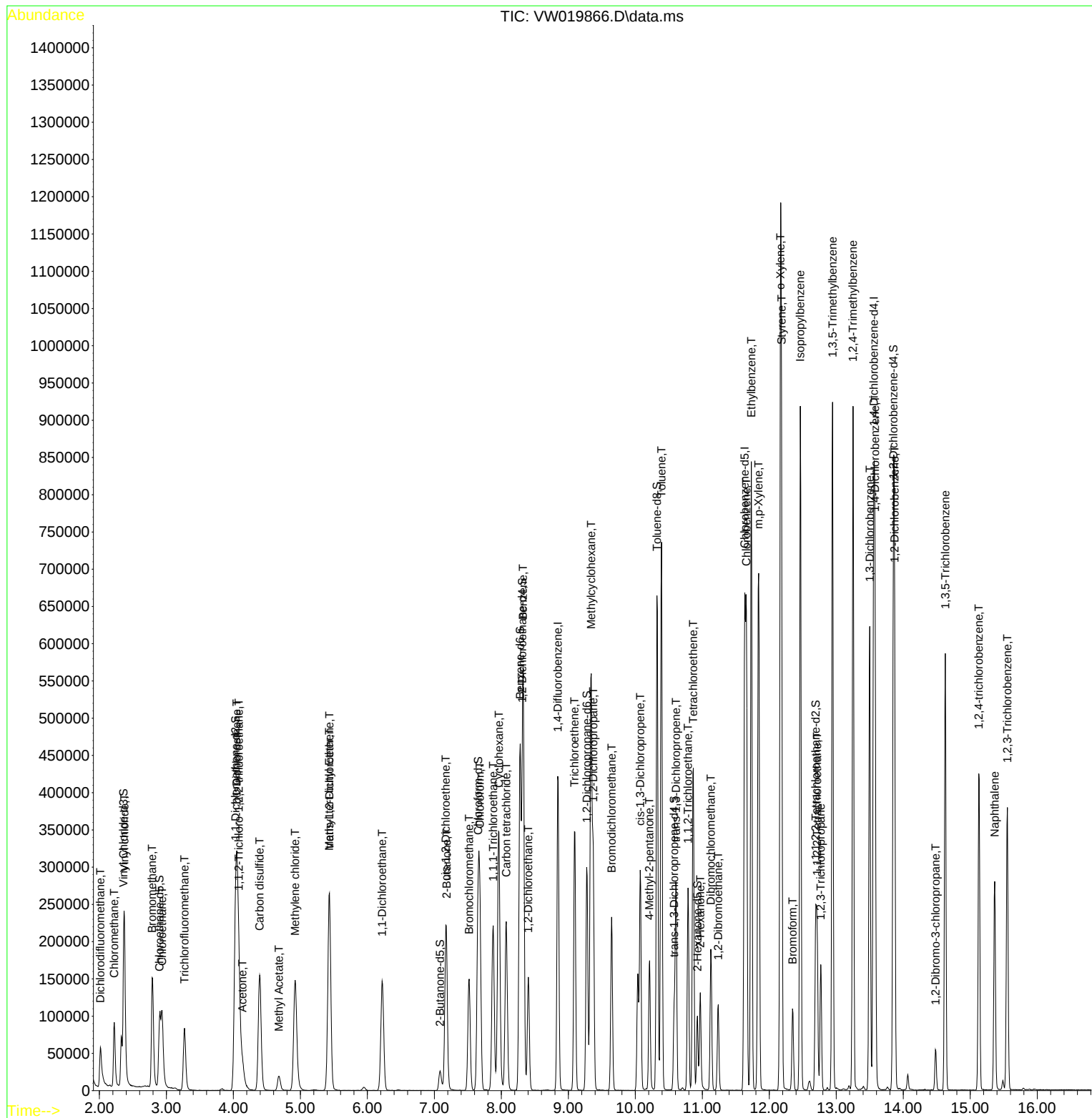
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135235	22.700	ug/L	96
29) Cyclohexane	7.964	56	186445	24.260	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	180451	24.672	ug/L	99
31) Carbon tetrachloride	8.073	117	170563	25.016	ug/L	99
33) Benzene	8.323	78	495058	24.647	ug/L	100
34) Trichloroethene	9.092	95	123046	23.565	ug/L	94
35) Methylcyclohexane	9.341	83	226815	25.325	ug/L	98
37) 1,2-Dichloropropane	9.372	63	118764	23.874	ug/L	99
38) Bromodichloromethane	9.646	83	152209	23.619	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	172774	23.586	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	107964	40.815	ug/L	98
42) Toluene	10.390	91	528314	24.830	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	151326	23.469	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	83064	23.065	ug/L	99
46) Tetrachloroethene	10.866	164	94873	23.986	ug/L	97
48) 2-Hexanone	10.969	43	76697	41.653	ug/L	96
49) Dibromochloromethane	11.128	129	95907	23.281	ug/L	94
50) 1,2-Dibromoethane	11.238	107	74742	22.096	ug/L	97
51) Chlorobenzene	11.658	112	322988	23.901	ug/L	98
52) Ethylbenzene	11.731	91	571681	24.957	ug/L	98
53) m,p-Xylene	11.841	106	220213	25.034	ug/L	96
54) o-Xylene	12.164	106	205382	24.682	ug/L	99
55) Styrene	12.182	104	360713	25.370	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	95453	21.613	ug/L	96
59) Bromoform	12.347	173	47942	20.943	ug/L	98
60) Isopropylbenzene	12.463	105	558594	23.912	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	68914	20.387	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	467347	25.065	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	467845	24.754	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	237774	22.829	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	247210	23.092	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	216104	22.849	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	14229	19.309	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	169569	23.629	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	130221	23.615	ug/L	99
71) Naphthalene	15.365	128	233290	21.212	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	120606	23.619	ug/L	98

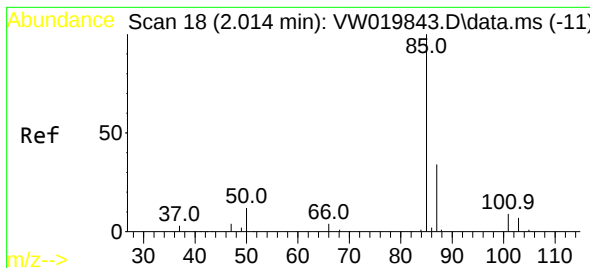
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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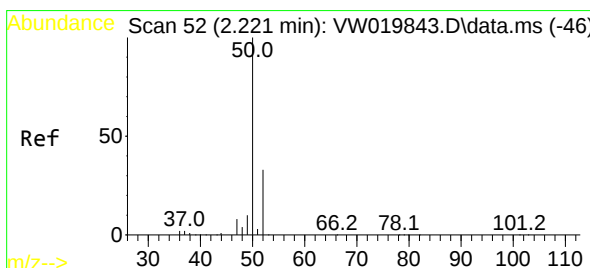
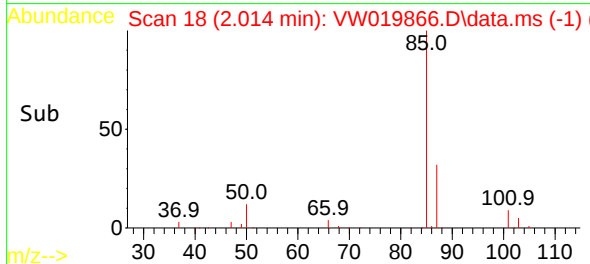
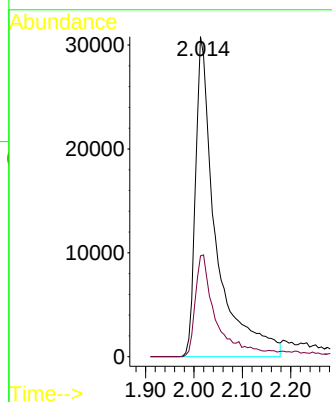
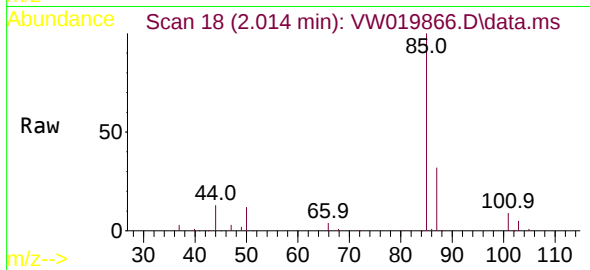




#2
Dichlorodifluoromethane
Concen: 26.288 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

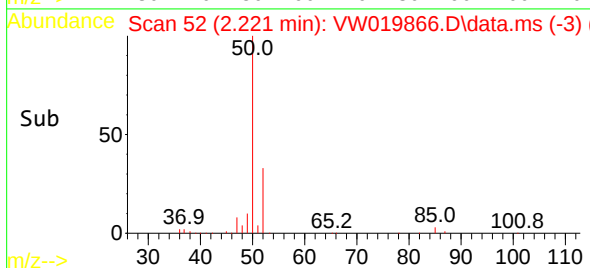
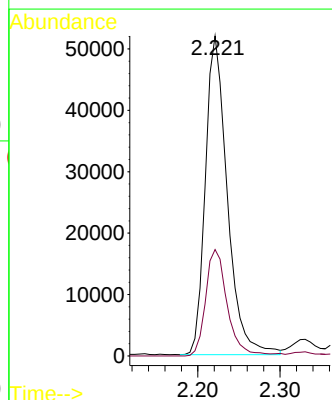
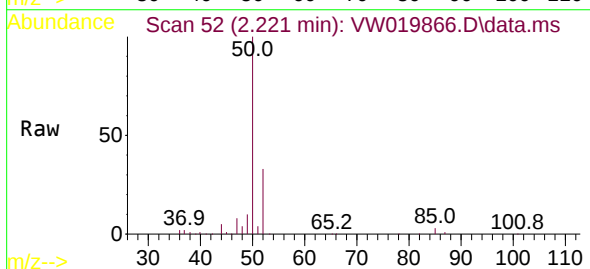
Instrument :
MSVOA_W
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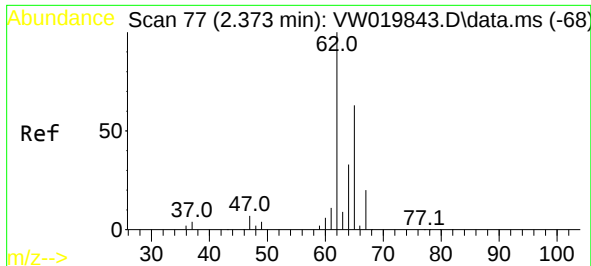
Tgt Ion: 85 Resp: 90185
Ion Ratio Lower Upper
85 100
87 28.6 23.3 34.9



#3
Chloromethane
Concen: 22.574 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 50 Resp: 96379
Ion Ratio Lower Upper
50 100
52 33.3 22.5 41.9

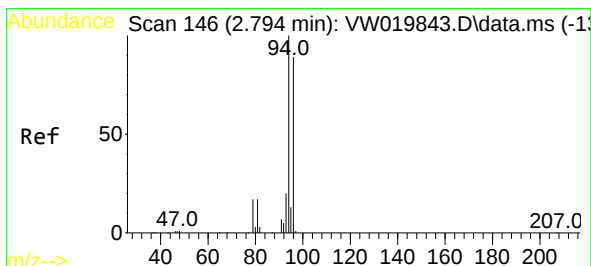
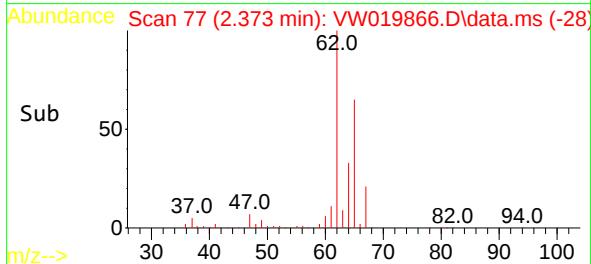
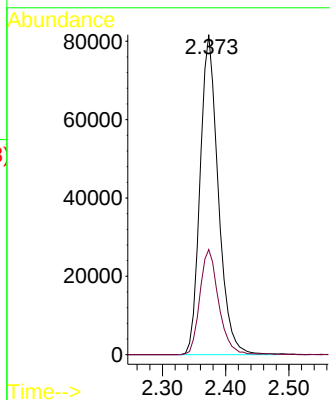
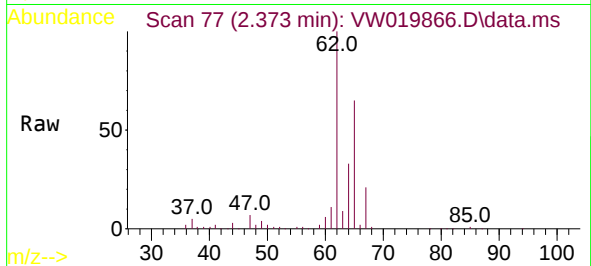




#5
 Vinyl chloride
 Concen: 25.765 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW019866.D
 Acq: 24 Aug 2021 09:40

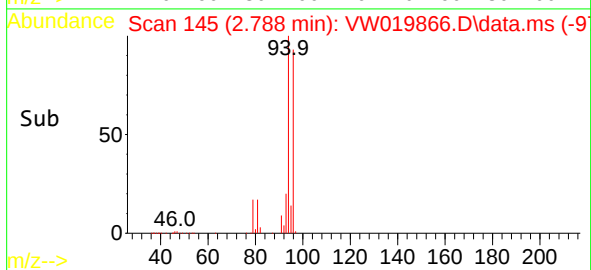
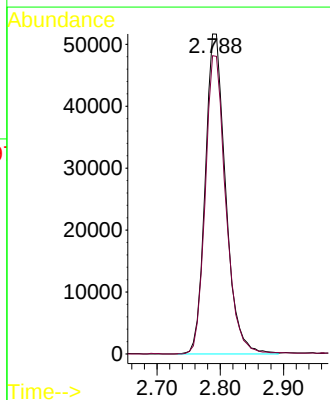
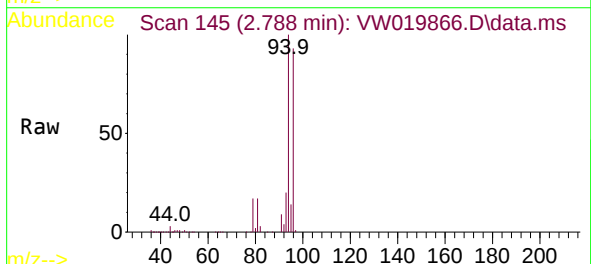
Instrument :
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 ClientSampleId :
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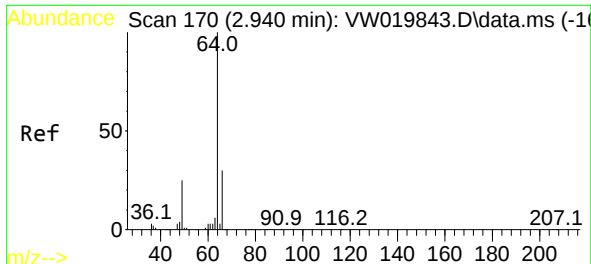
Tgt Ion: 62 Resp: 163132
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.2 45.0



#6
 Bromomethane
 Concen: 24.689 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VW019866.D
 Acq: 24 Aug 2021 09:40

Tgt Ion: 94 Resp: 116001
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.3 121.3

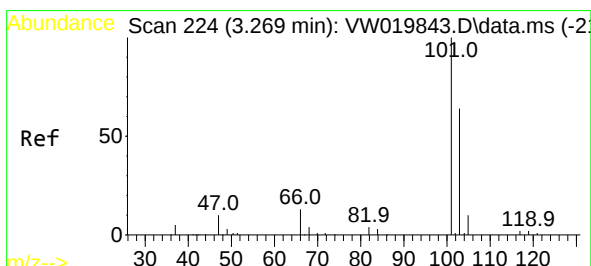
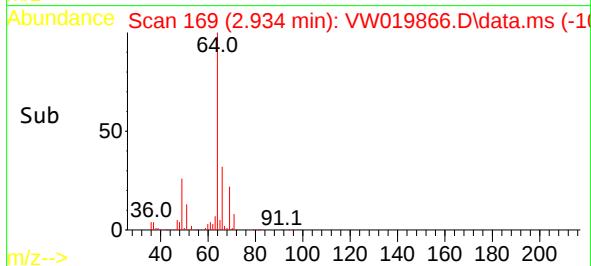
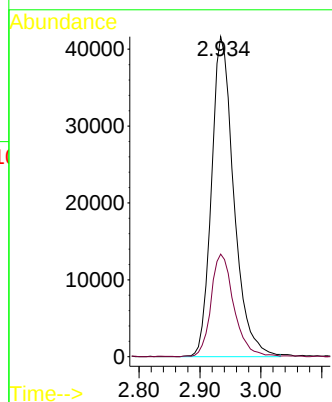
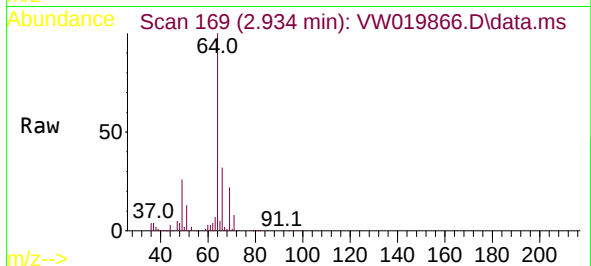




#8
Chloroethane
Concen: 25.589 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

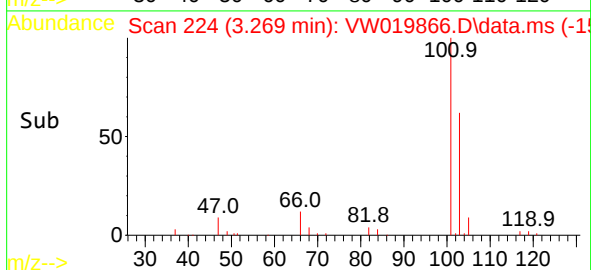
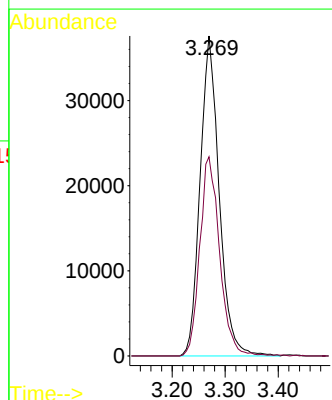
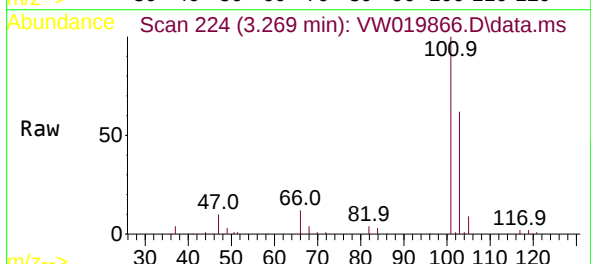
Instrument :
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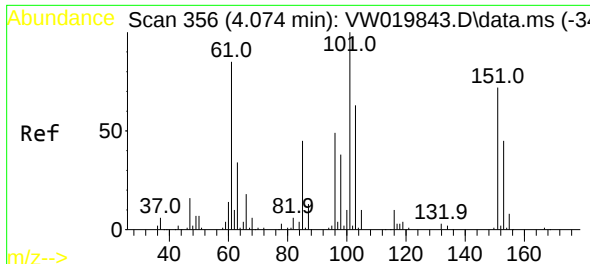
Tgt Ion: 64 Resp: 106213
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.000 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:101 Resp: 93670
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

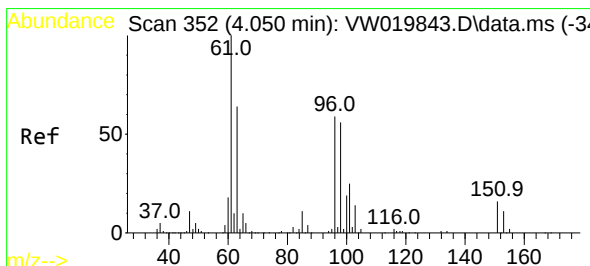
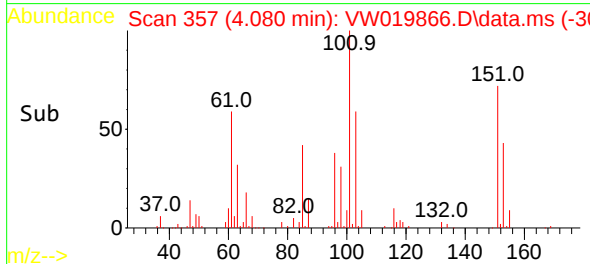
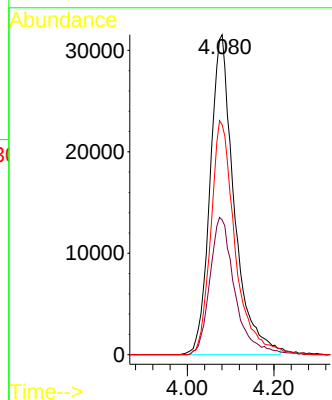
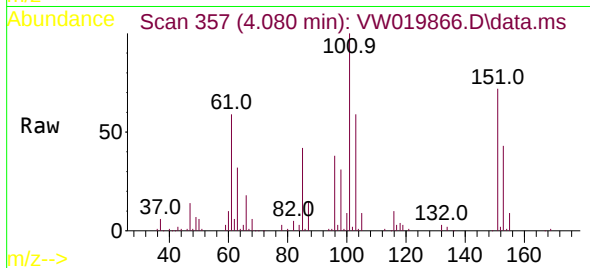




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.256 ug/L
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

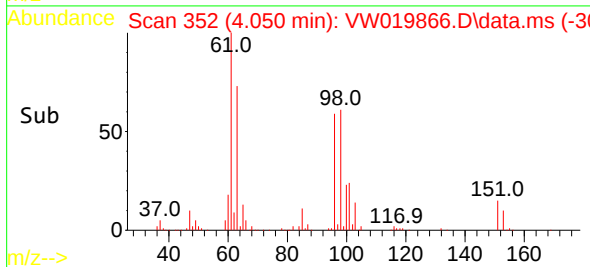
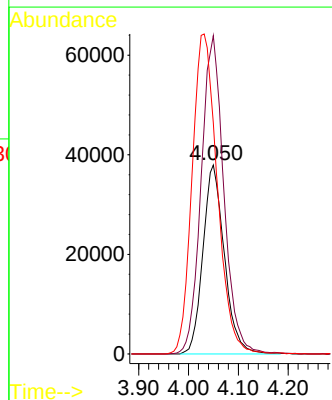
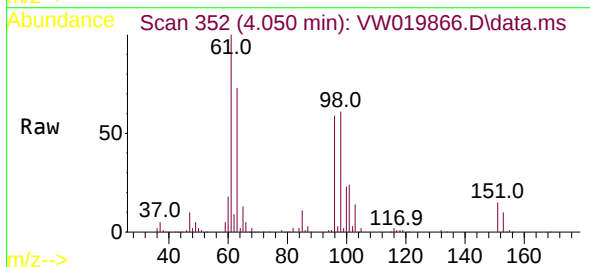
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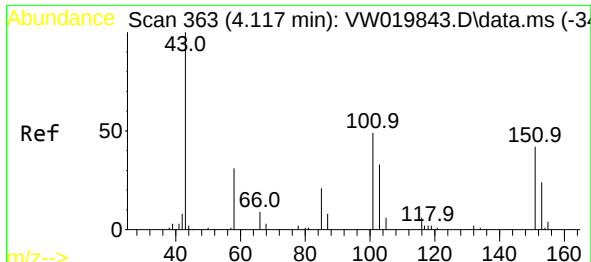
Tgt Ion:101 Resp: 122086
Ion Ratio Lower Upper
101 100
85 44.6 38.2 57.2
151 73.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 23.906 ug/L
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 96 Resp: 113324
Ion Ratio Lower Upper
96 100
61 168.4 118.1 219.3
63 122.2 83.7 155.5

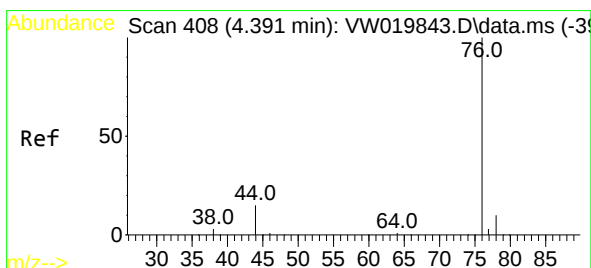
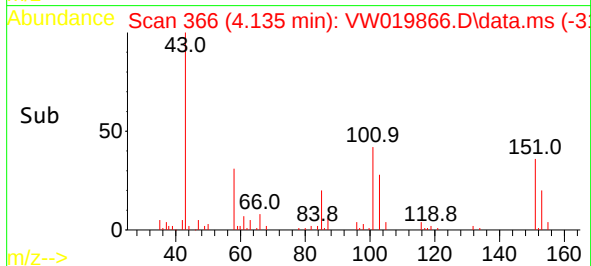
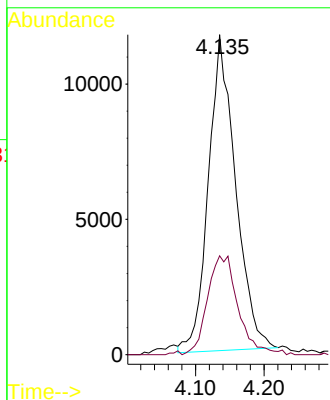
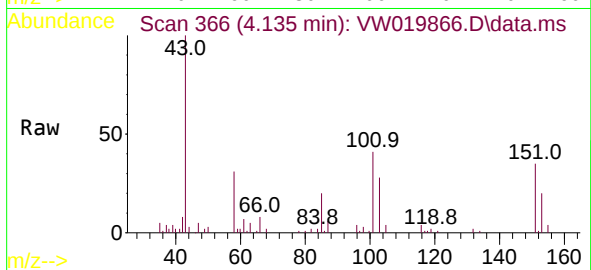




#13
Acetone
Concen: 34.209 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW019866.D
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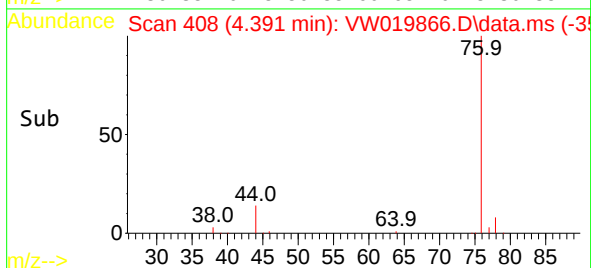
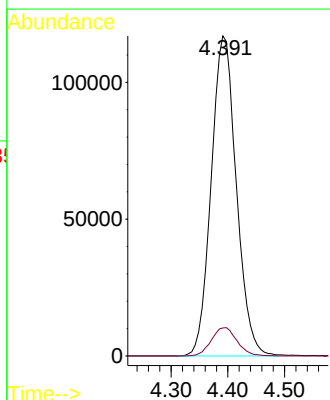
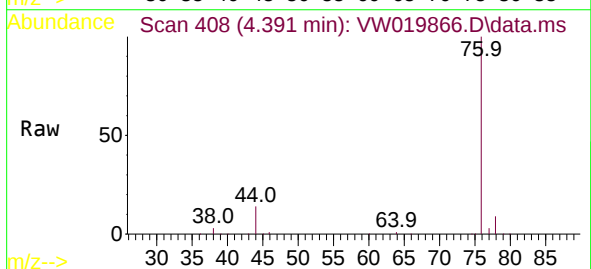
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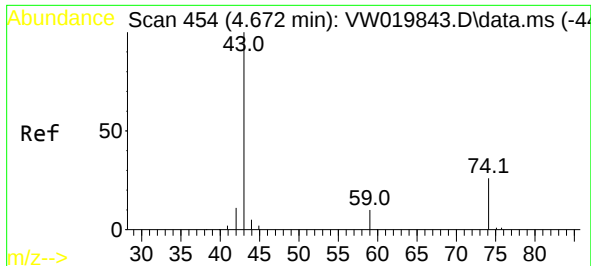
Tgt Ion: 43 Resp: 32174
Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8



#14
Carbon disulfide
Concen: 23.742 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 359978
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

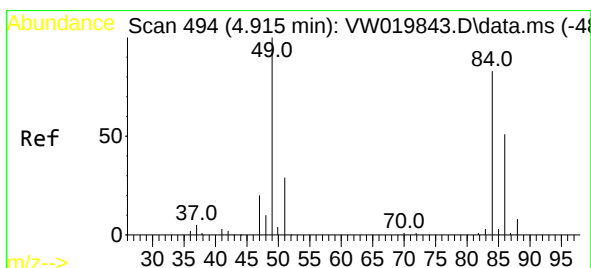
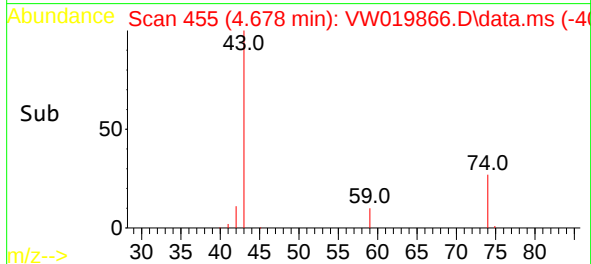
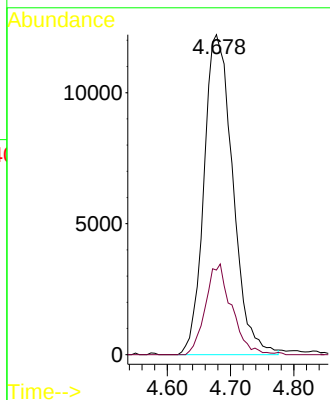
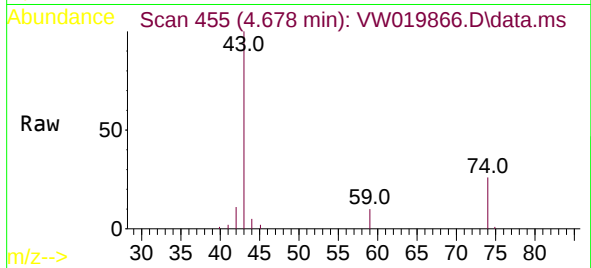




#15
Methyl Acetate
Concen: 19.737 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

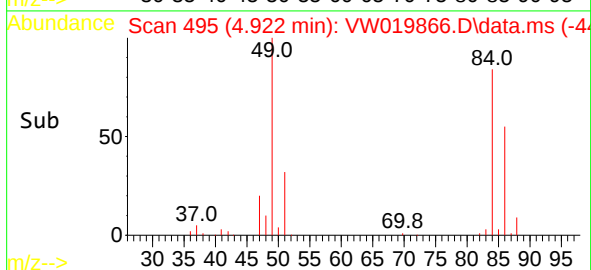
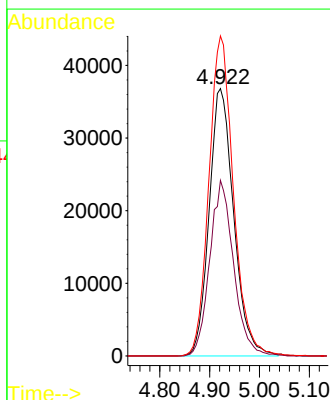
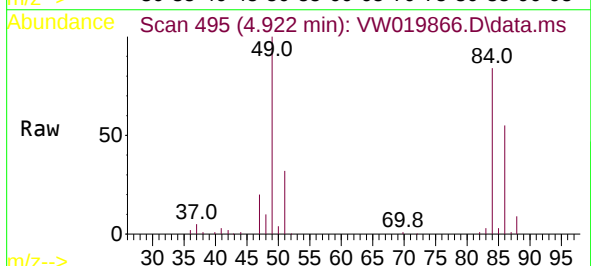
Instrument :
MSVOA_W
ClientSampled :
VSTD025521

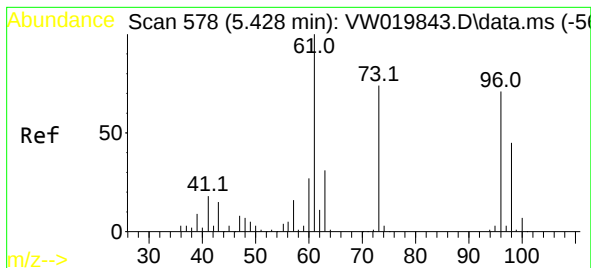
Tgt Ion: 43 Resp: 38640
Ion Ratio Lower Upper
43 100
74 25.1 20.0 30.0



#16
Methylene chloride
Concen: 21.017 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 84 Resp: 126276
Ion Ratio Lower Upper
84 100
86 65.7 45.3 84.1
49 119.7 86.6 160.8

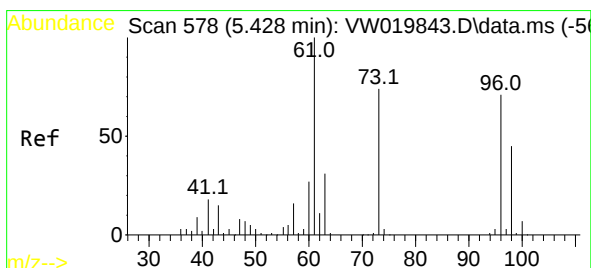
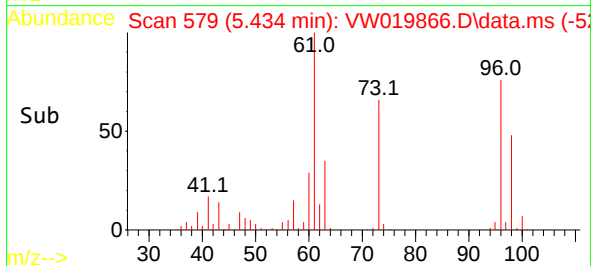
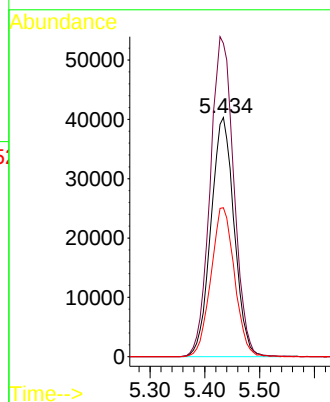
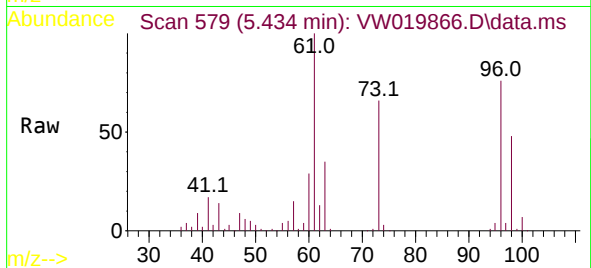




#17
trans-1,2-Dichloroethene
Concen: 23.870 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

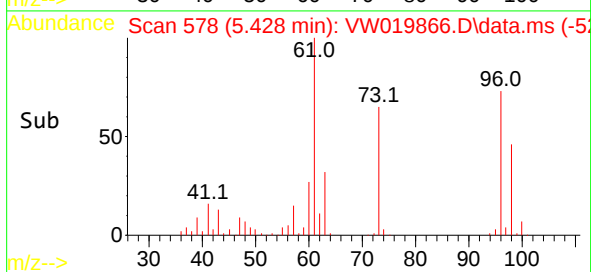
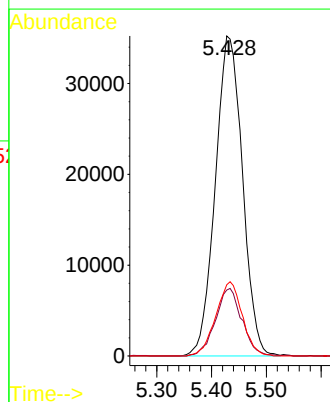
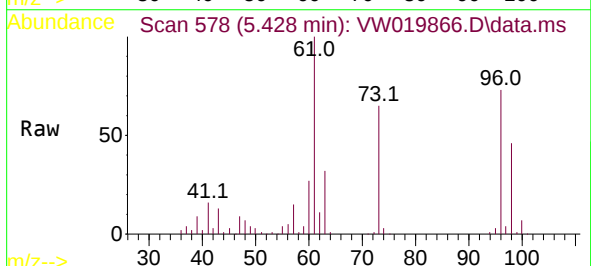
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

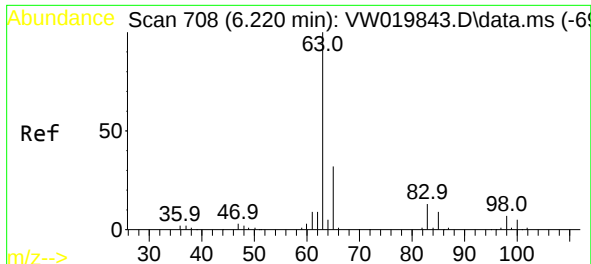
Tgt Ion: 96 Resp: 118867
Ion Ratio Lower Upper
96 100
61 131.0 98.3 182.7
98 62.3 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 21.165 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 73 Resp: 121324
Ion Ratio Lower Upper
73 100
43 20.6 17.7 26.5
57 22.5 17.0 25.4





#19

1,1-Dichloroethane

Concen: 23.731 ug/L

RT: 6.220 min Scan# 708

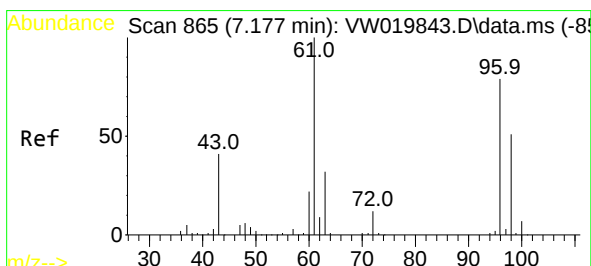
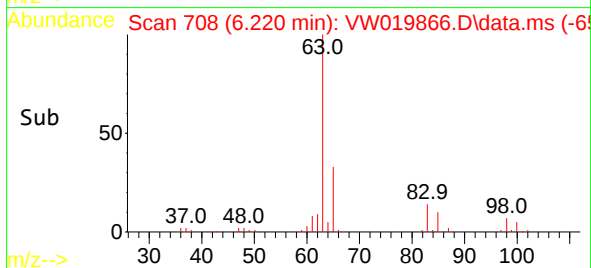
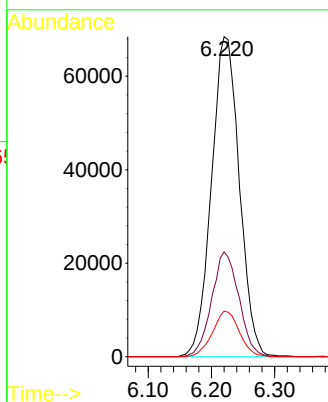
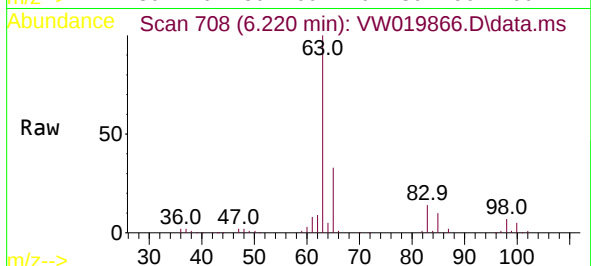
Delta R.T. 0.000 min

Lab File: VW019866.D

Acq: 24 Aug 2021 09:40

Tgt Ion: 63 Resp: 209478

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.9	42.5
83	14.3	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 23.563 ug/L

RT: 7.171 min Scan# 864

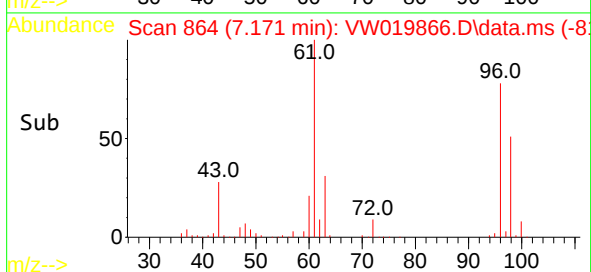
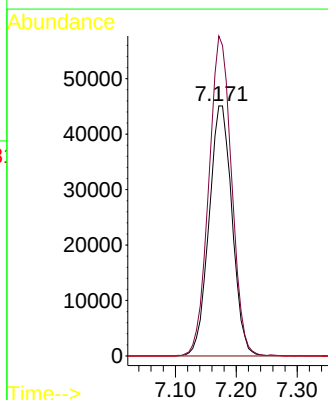
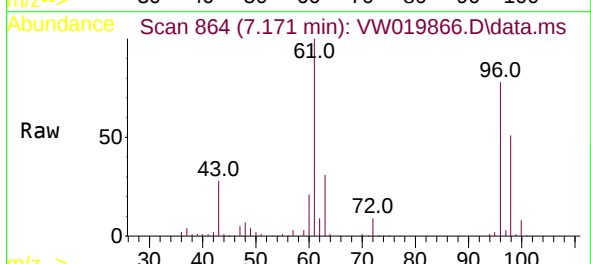
Delta R.T. -0.006 min

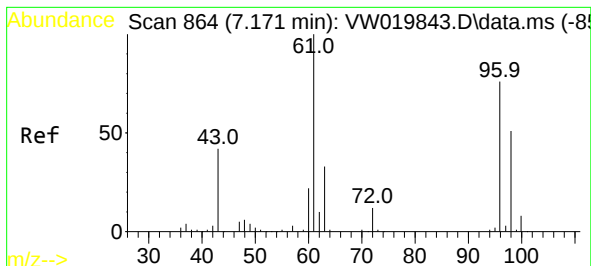
Lab File: VW019866.D

Acq: 24 Aug 2021 09:40

Tgt Ion: 96 Resp: 118770

Ion	Ratio	Lower	Upper
96	100		
61	128.0	88.5	164.3
68	0.0	0.0	0.0

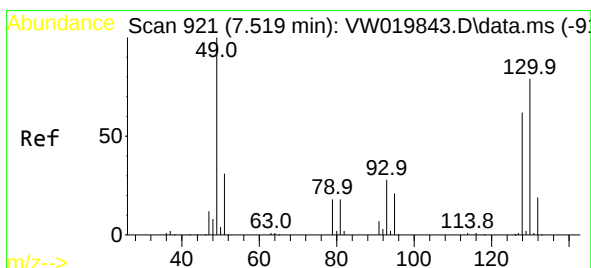
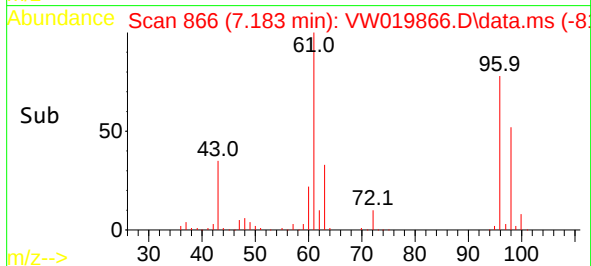
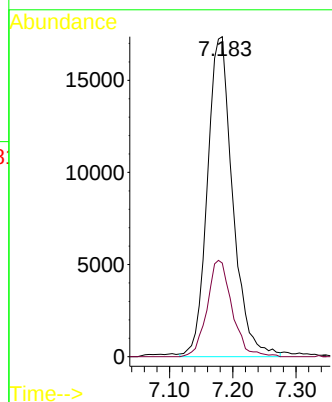
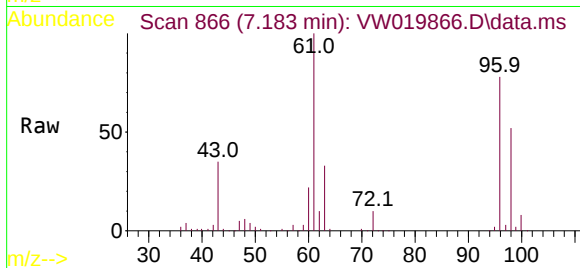




#22
2-Butanone
Concen: 39.658 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

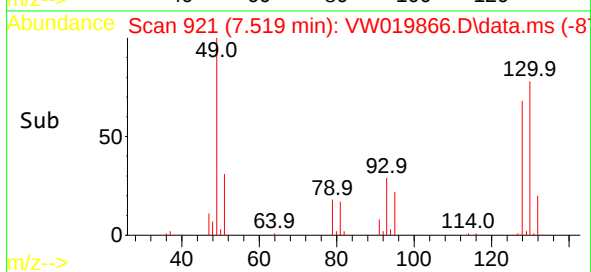
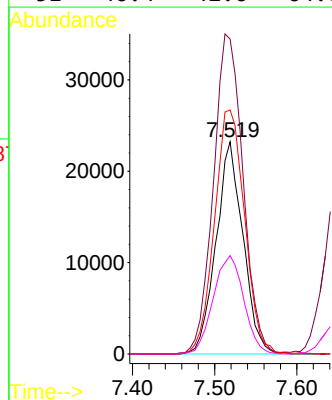
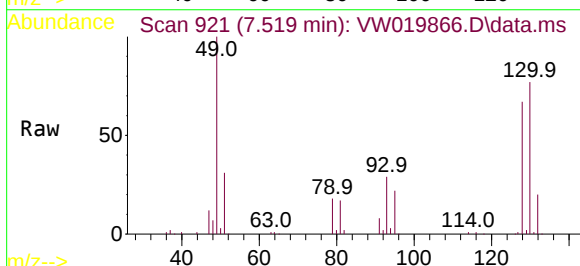
Instrument :
MSVOA_W
ClientSampled :
VSTD025521

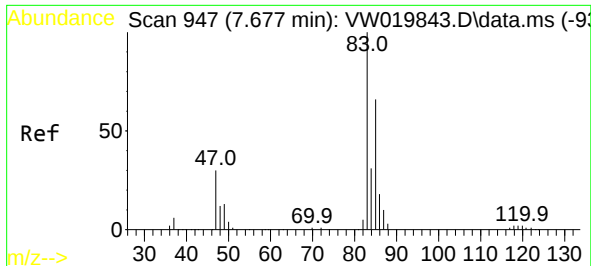
Tgt Ion: 43 Resp: 48333
Ion Ratio Lower Upper
43 100
72 29.1 14.9 44.7



#23
Bromochloromethane
Concen: 23.419 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 128 Resp: 52828
Ion Ratio Lower Upper
128 100
49 148.5 116.3 215.9
130 115.1 82.4 153.0
51 46.4 42.6 64.0

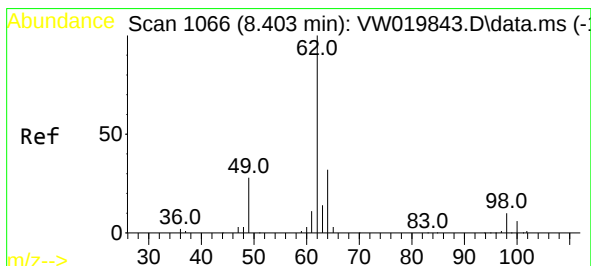
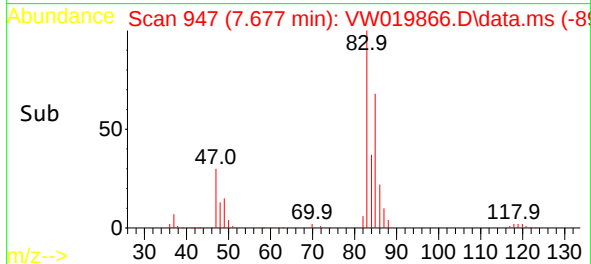
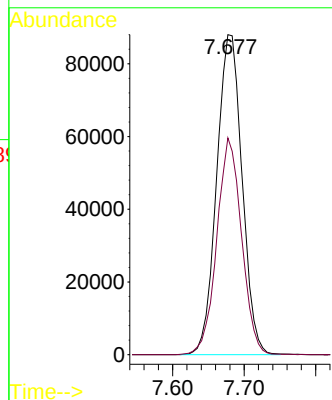
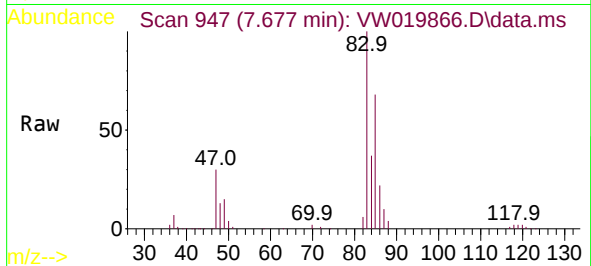




#25
Chloroform
Concen: 23.810 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

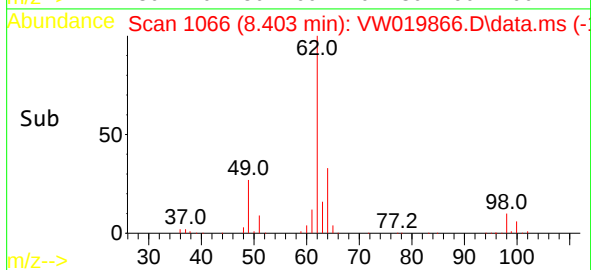
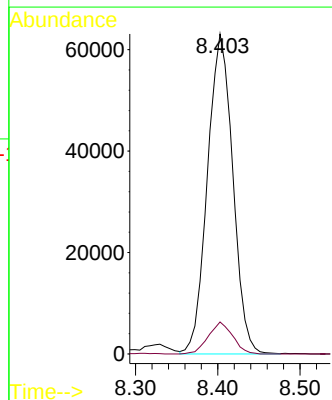
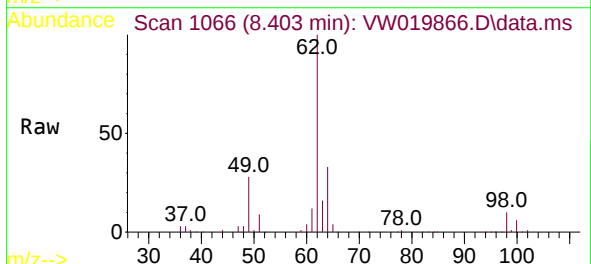
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

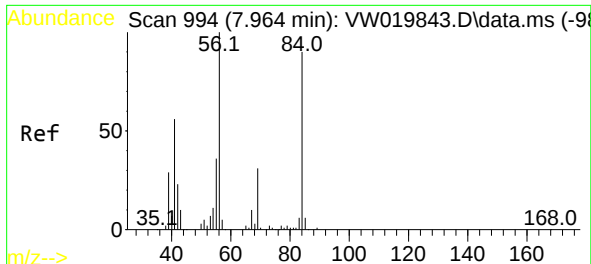
Tgt Ion: 83 Resp: 217441
Ion Ratio Lower Upper
83 100
85 67.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.700 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

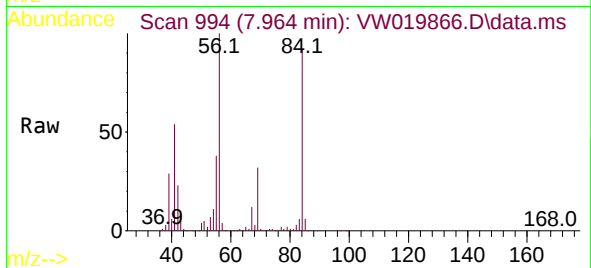
Tgt Ion: 62 Resp: 135235
Ion Ratio Lower Upper
62 100
98 10.0 6.9 10.3



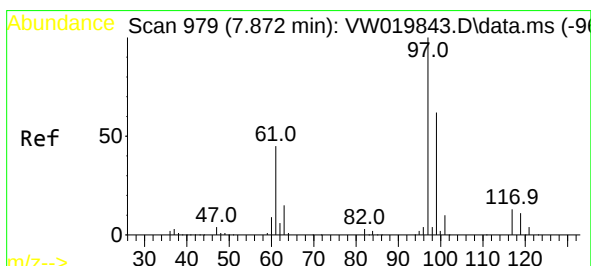
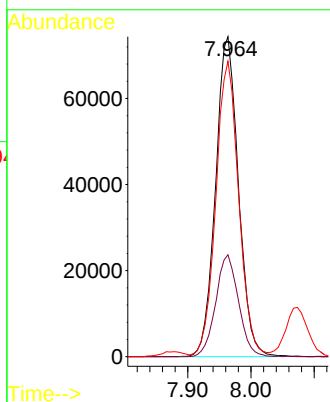
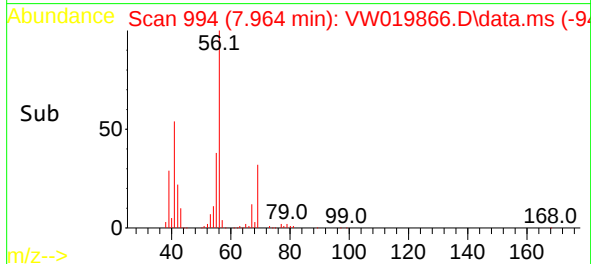


#29
Cyclohexane
Concen: 24.260 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

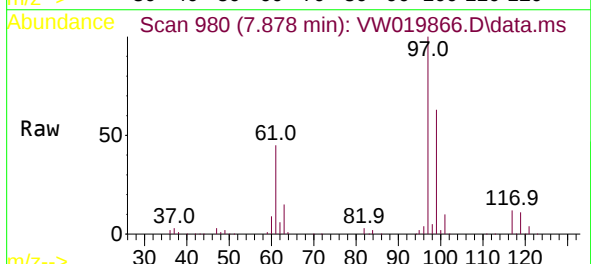
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521



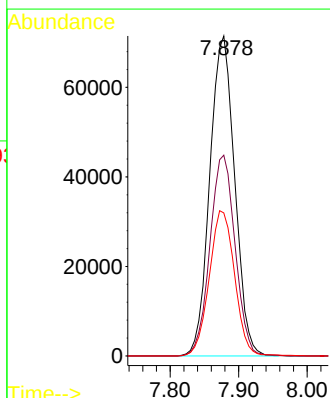
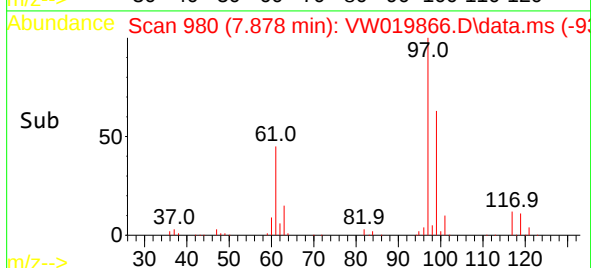
Tgt Ion: 56 Resp: 186445
Ion Ratio Lower Upper
56 100
69 31.7 24.5 36.7
84 92.5 75.0 112.4

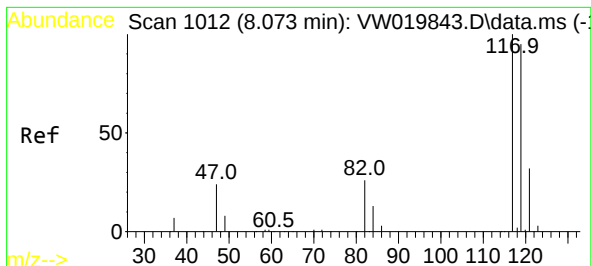


#30
1,1,1-Trichloroethane
Concen: 24.672 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40



Tgt Ion: 97 Resp: 180451
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 46.2 37.8 56.6

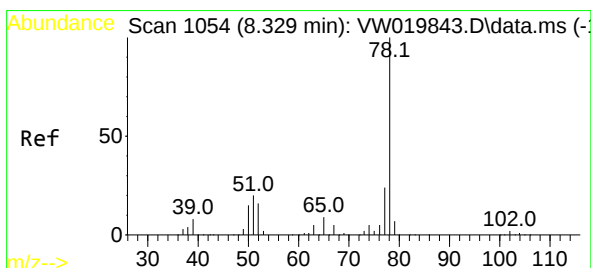
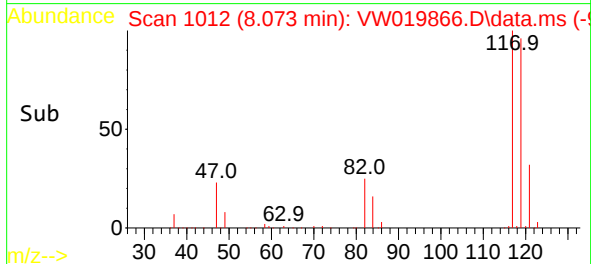
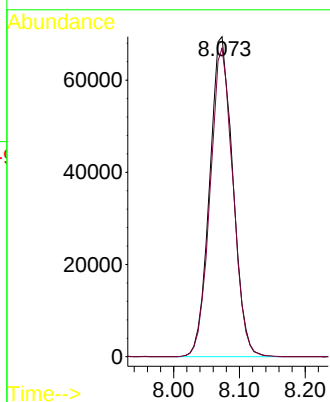
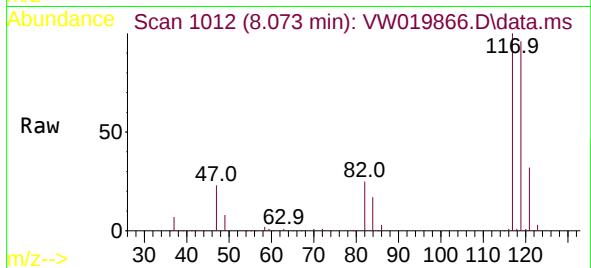




#31
Carbon tetrachloride
Concen: 25.016 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

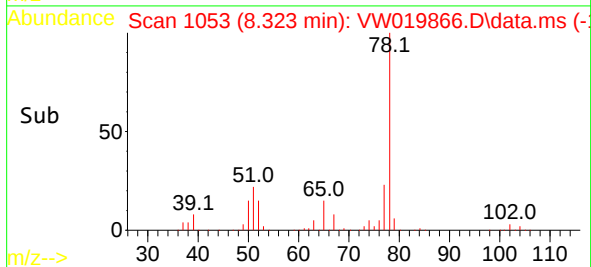
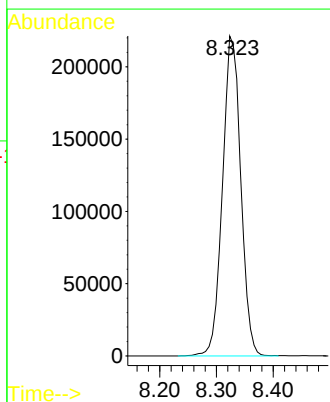
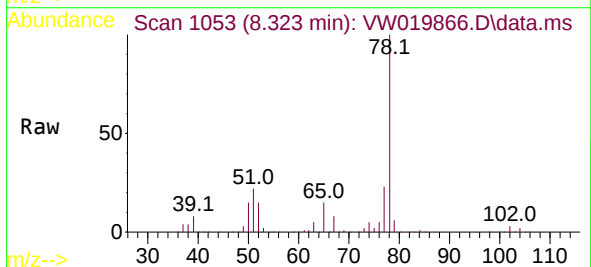
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

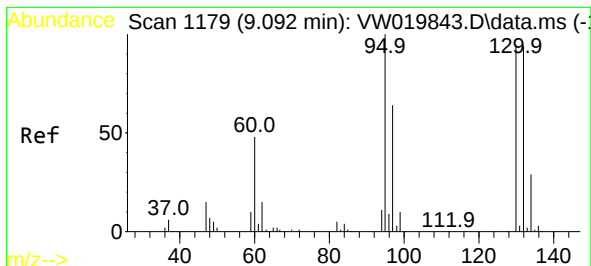
Tgt Ion:117 Resp: 170563
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7



#33
Benzene
Concen: 24.647 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 78 Resp: 495058



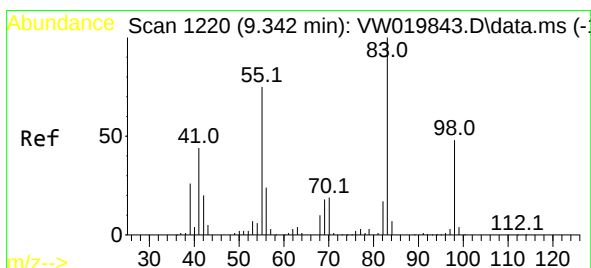
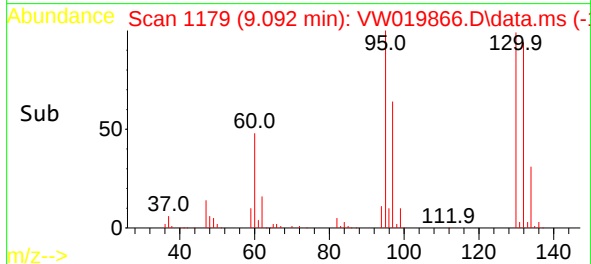
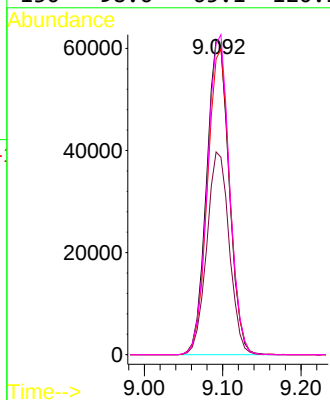
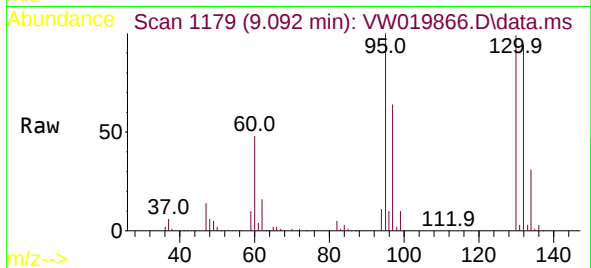


#34
Trichloroethene
Concen: 23.565 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

Tgt Ion: 95 Resp: 123046

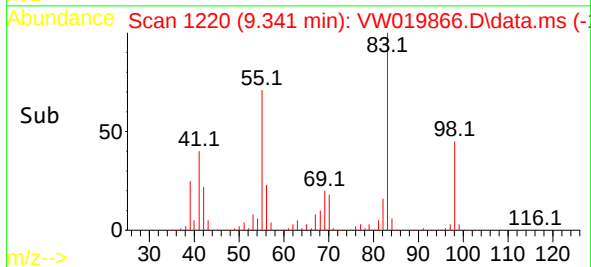
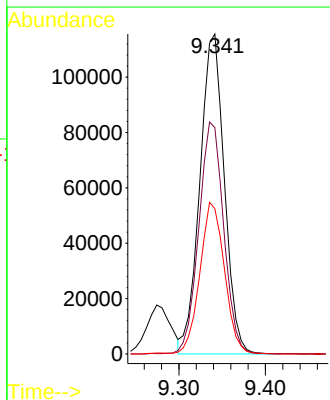
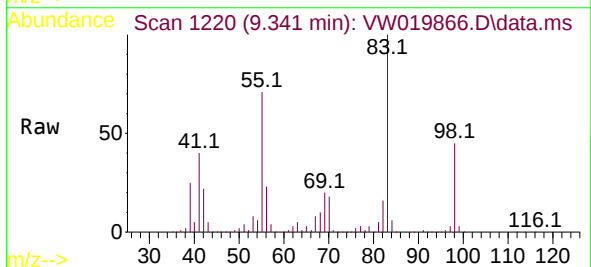
Ion	Ratio	Lower	Upper
95	100		
97	64.3	47.3	87.8
132	93.8	71.0	131.8
130	98.6	65.1	120.9

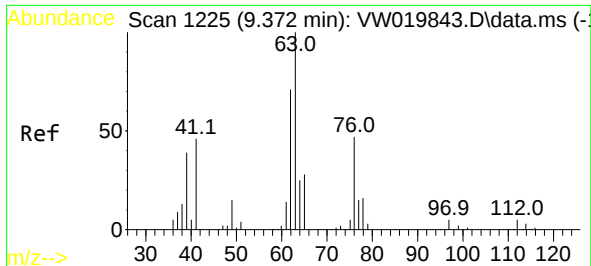


#35
Methylcyclohexane
Concen: 25.325 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 83 Resp: 226815

Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.9	88.3
98	47.7	40.1	60.1

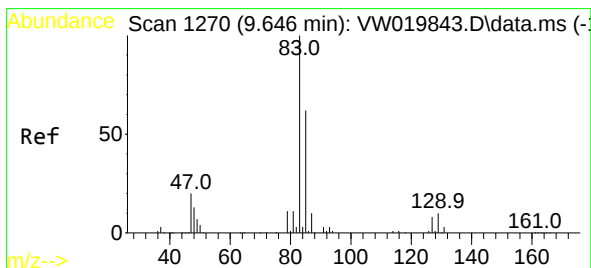
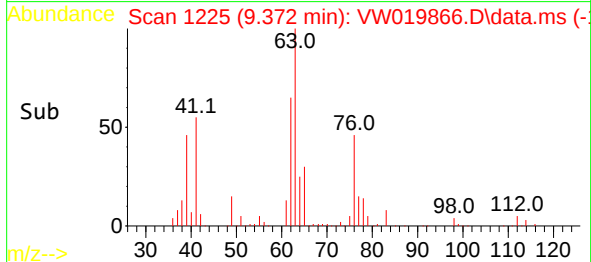
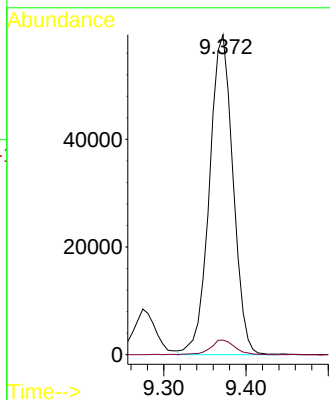
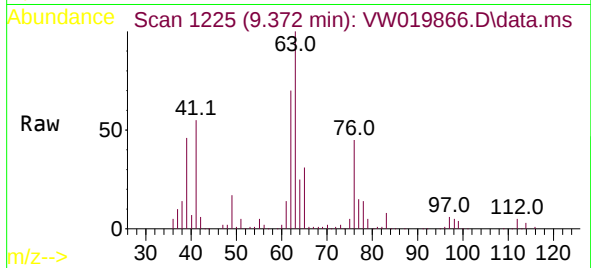




#37
1,2-Dichloropropane
Concen: 23.874 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

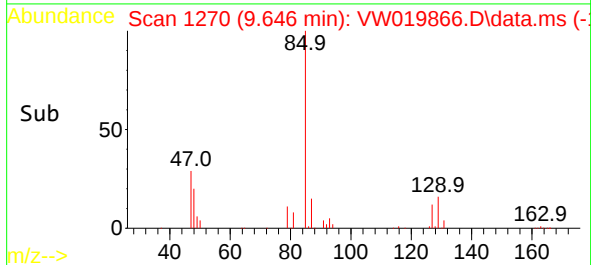
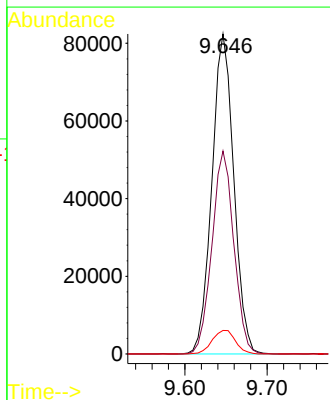
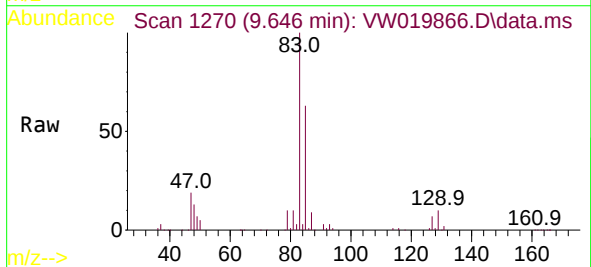
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

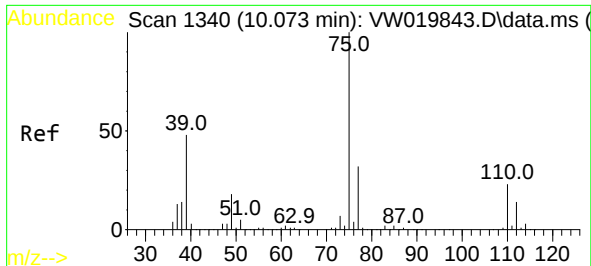
Tgt Ion: 63 Resp: 118764
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 23.619 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 83 Resp: 152209
Ion Ratio Lower Upper
83 100
85 63.4 42.3 78.5
127 7.4 6.6 9.8

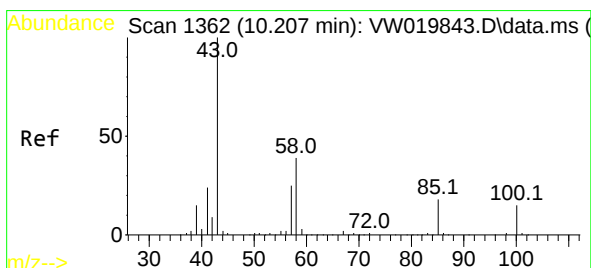
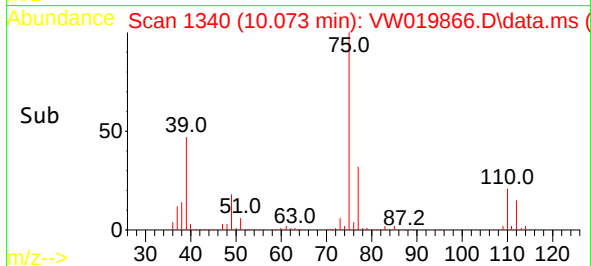
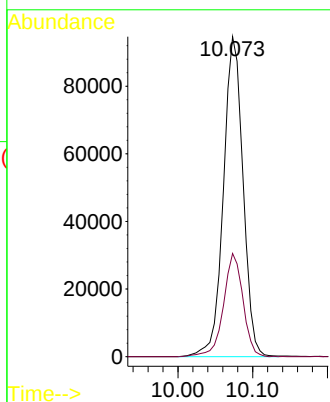
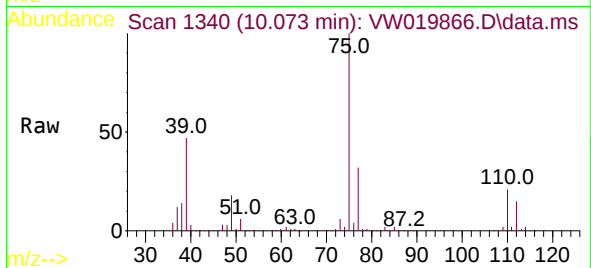




#39
cis-1,3-Dichloropropene
Concen: 23.586 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

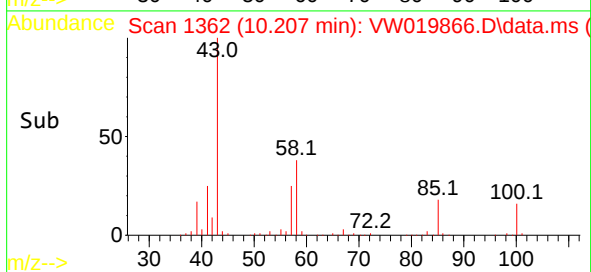
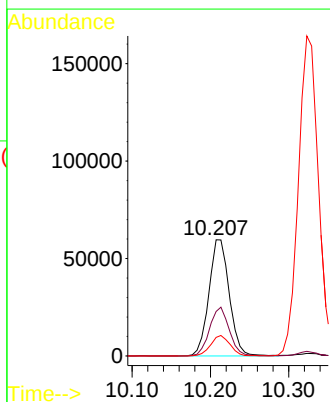
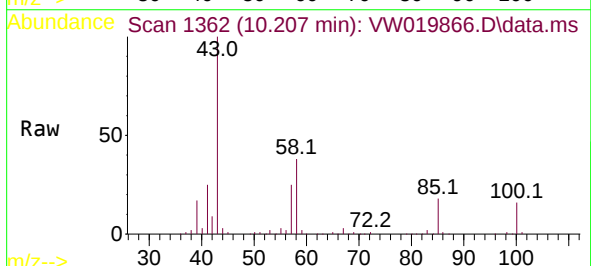
Instrument :
MSVOA_W
ClientSampled :
VSTD025521

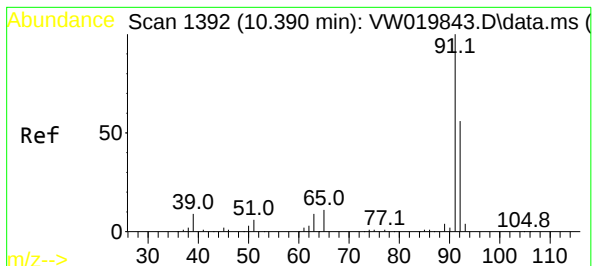
Tgt Ion: 75 Resp: 172774
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 40.815 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 43 Resp: 107964
Ion Ratio Lower Upper
43 100
58 40.5 31.0 46.4
100 16.8 13.0 19.6





#42

Toluene

Concen: 24.830 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019866.D

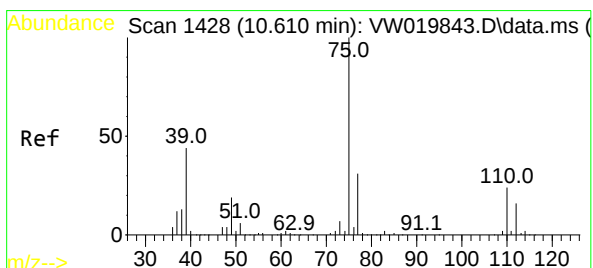
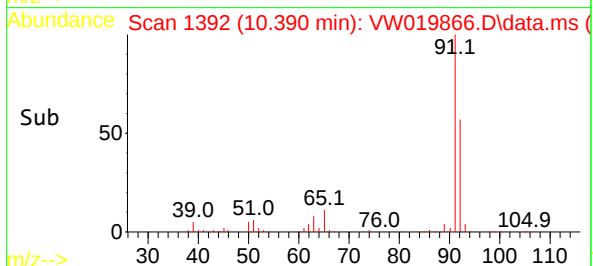
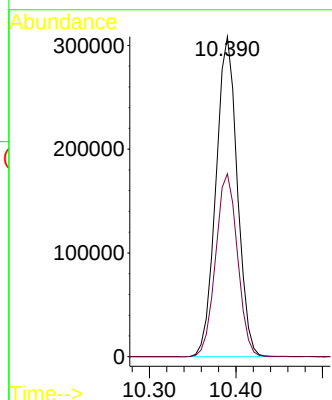
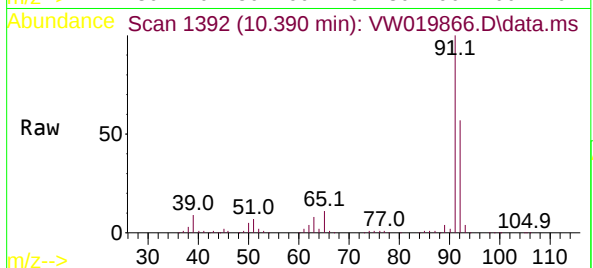
Acq: 24 Aug 2021 09:40

Tgt Ion: 91 Resp: 528314

Ion Ratio Lower Upper

91 100

92 57.1 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 23.469 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW019866.D

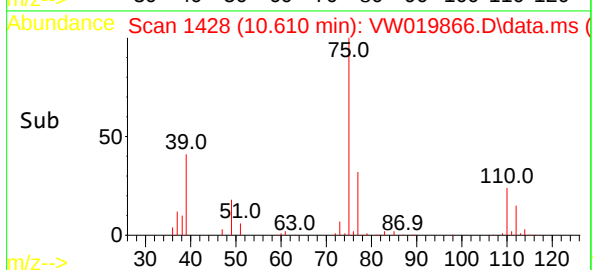
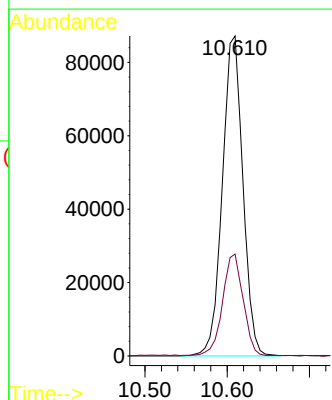
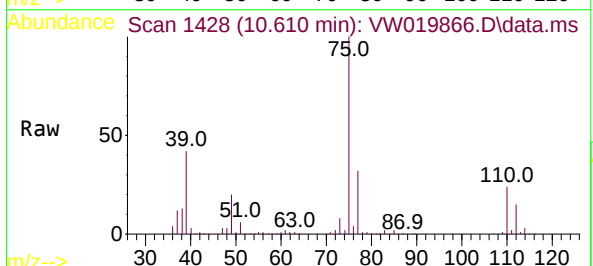
Acq: 24 Aug 2021 09:40

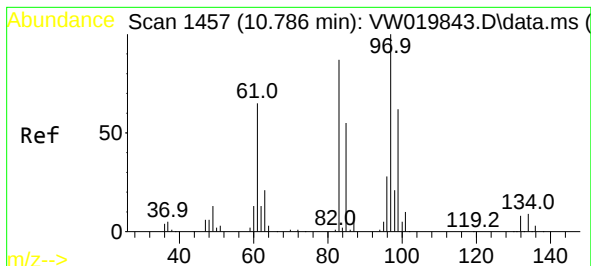
Tgt Ion: 75 Resp: 151326

Ion Ratio Lower Upper

75 100

77 31.8 21.1 39.1

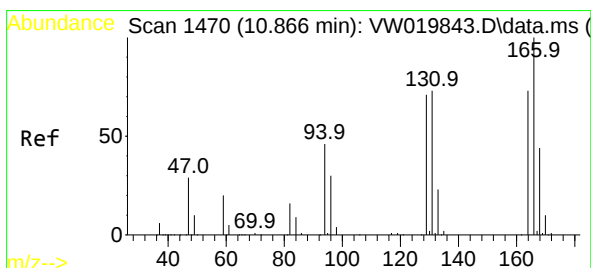
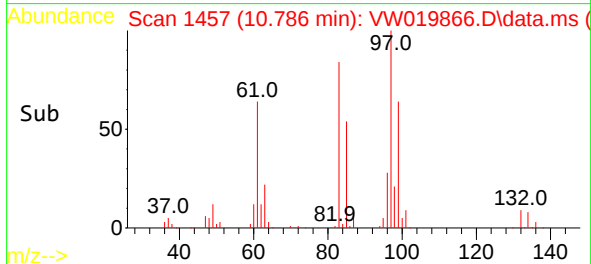
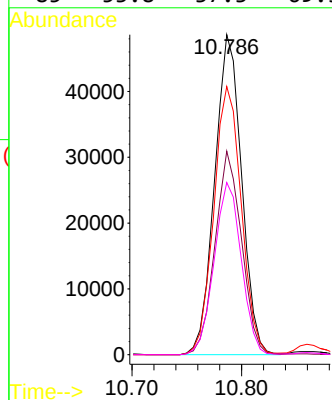
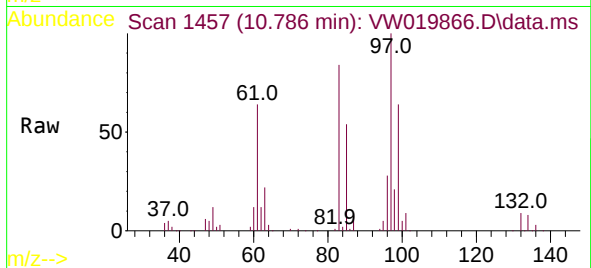




#45
1,1,2-Trichloroethane
Concen: 23.065 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

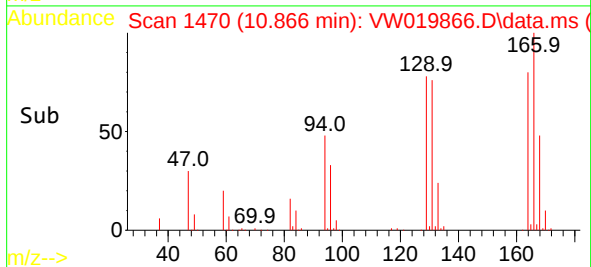
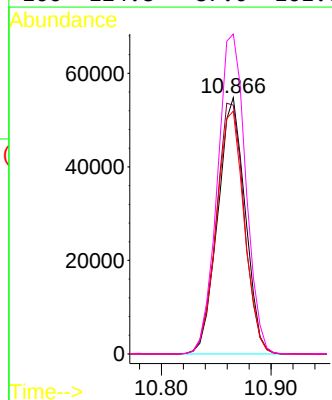
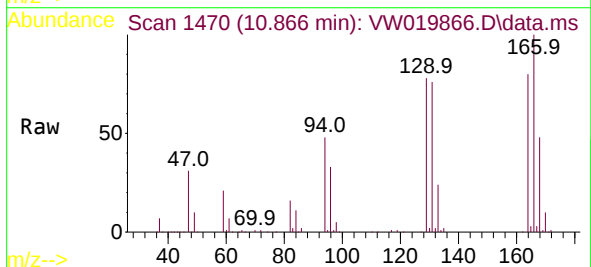
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

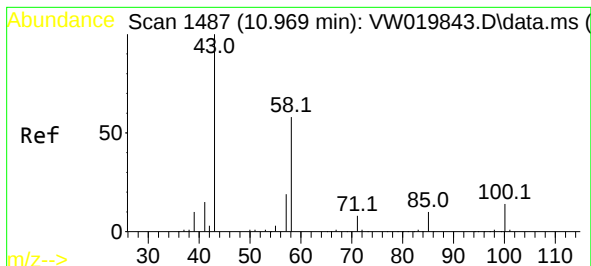
Tgt Ion:	97	Resp:	83064
Ion	Ratio	Lower	Upper
97	100		
99	63.6	45.1	83.7
83	83.8	58.1	107.9
85	53.8	37.3	69.3



#46
Tetrachloroethene
Concen: 23.986 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:	164	Resp:	94873
Ion	Ratio	Lower	Upper
164	100		
129	97.0	66.7	123.9
131	94.8	61.1	113.5
166	124.8	87.0	161.6

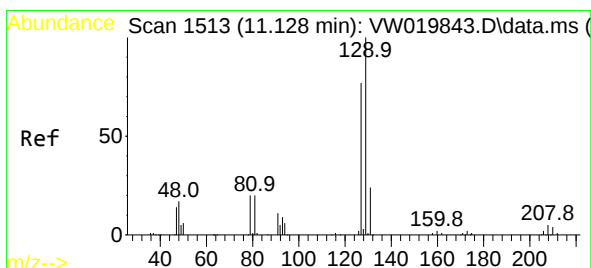
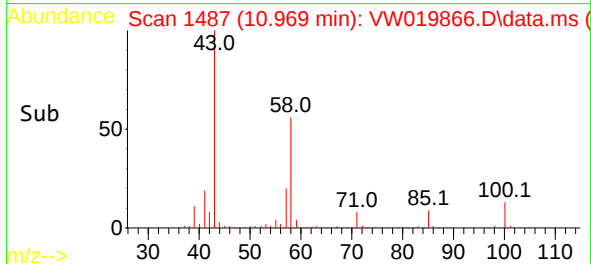
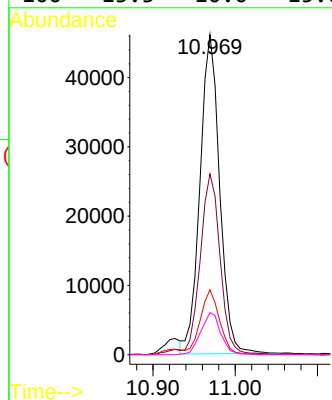
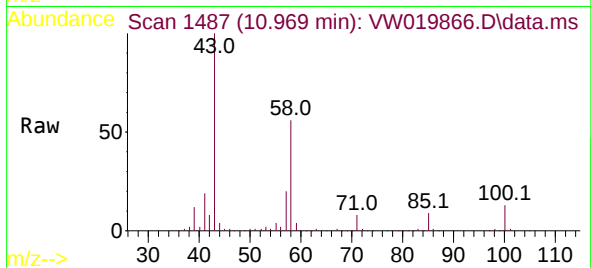




#48
2-Hexanone
Concen: 41.653 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

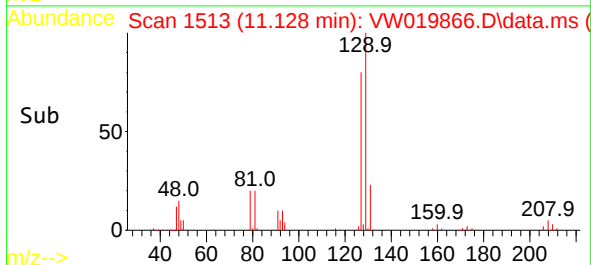
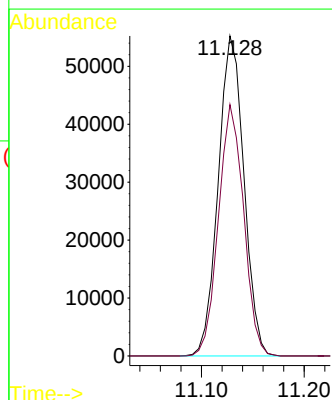
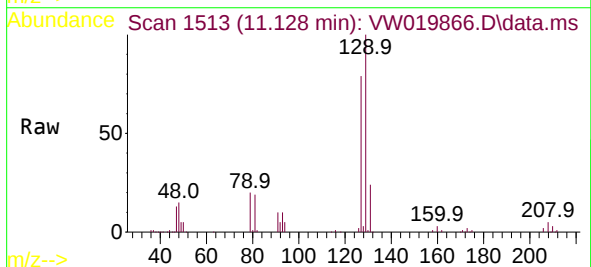
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

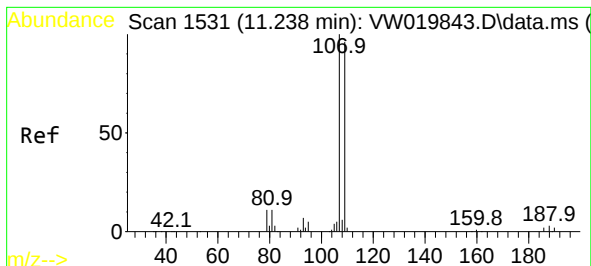
Tgt Ion:	43	Resp:	76697
Ion	Ratio	Lower	Upper
43	100		
58	57.1	42.7	64.1
57	19.9	15.8	23.8
100	13.3	10.0	15.0



#49
Dibromochloromethane
Concen: 23.281 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

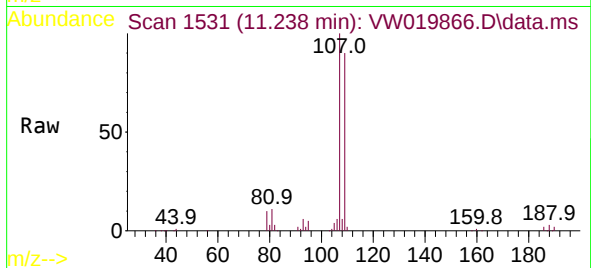
Tgt Ion:	129	Resp:	95907
Ion	Ratio	Lower	Upper
129	100		
127	78.5	51.7	95.9



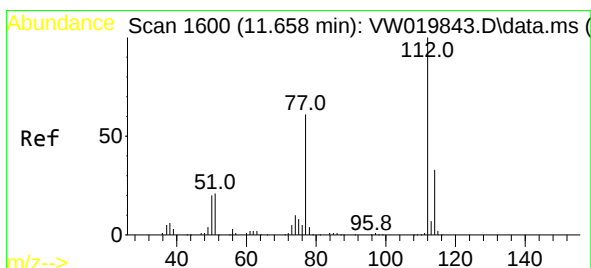
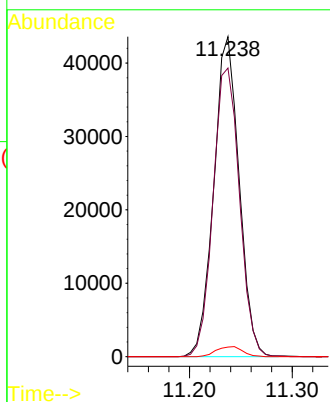
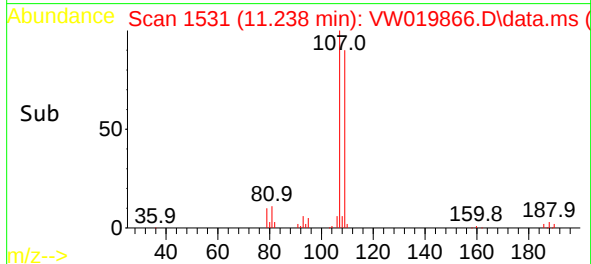


#50
1,2-Dibromoethane
Concen: 22.096 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

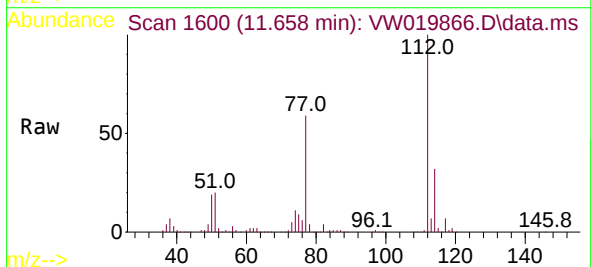
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521



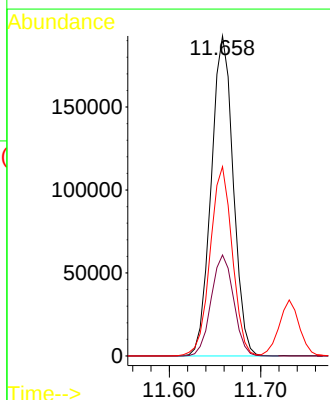
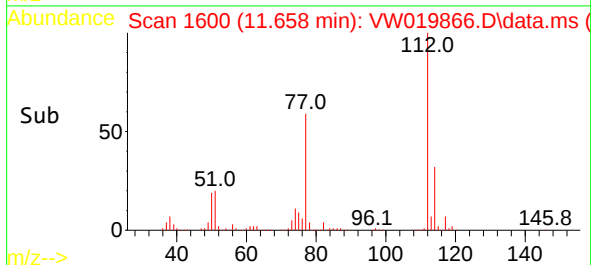
Tgt Ion:107 Resp: 74742
Ion Ratio Lower Upper
107 100
109 90.2 65.4 121.4
188 3.0 2.6 4.0

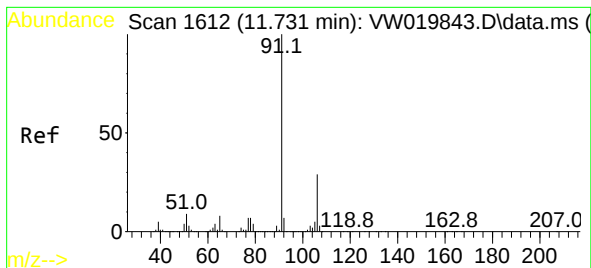


#51
Chlorobenzene
Concen: 23.901 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40



Tgt Ion:112 Resp: 322988
Ion Ratio Lower Upper
112 100
114 31.6 23.4 43.6
77 59.2 47.6 71.4

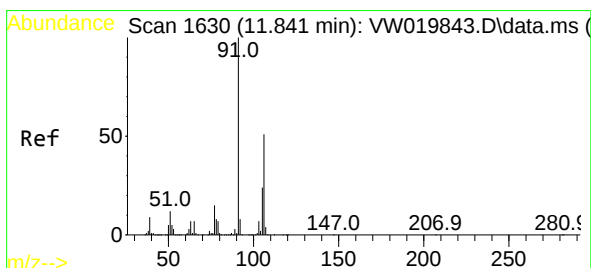
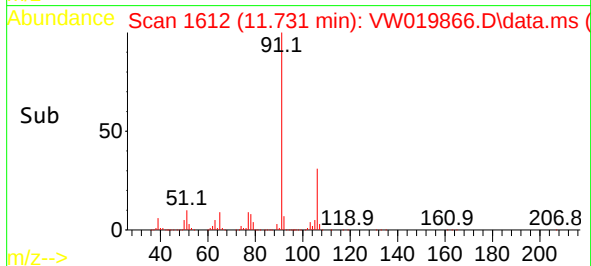
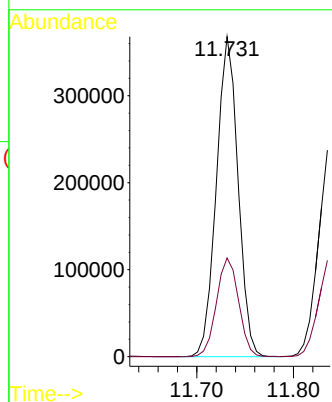
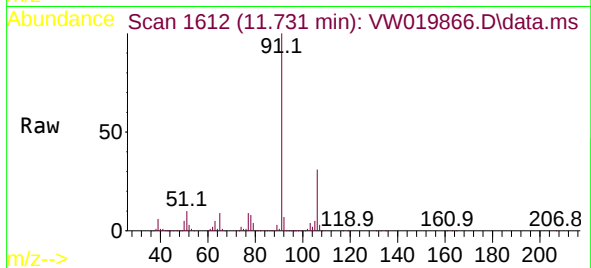




#52
Ethylbenzene
Concen: 24.957 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

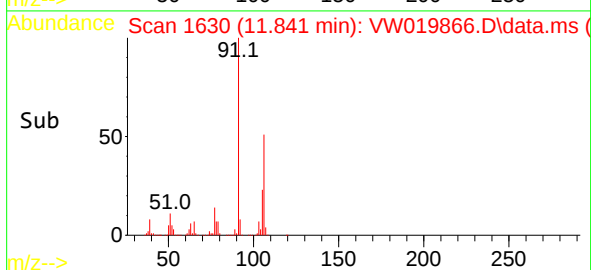
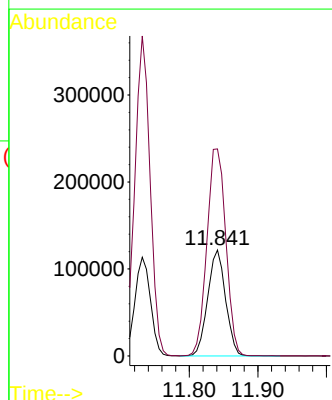
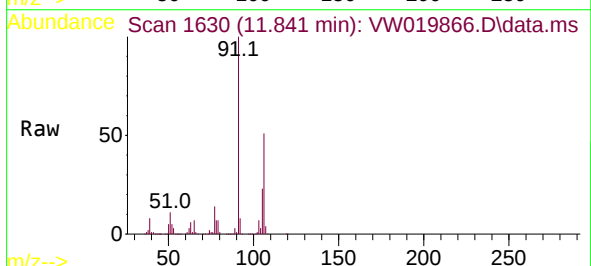
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

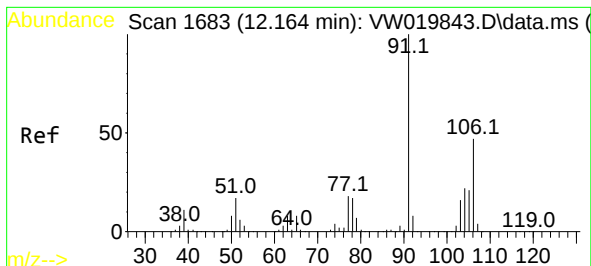
Tgt Ion: 91 Resp: 571681
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.7



#53
m,p-Xylene
Concen: 25.034 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:106 Resp: 220213
Ion Ratio Lower Upper
106 100
91 195.3 141.3 262.3

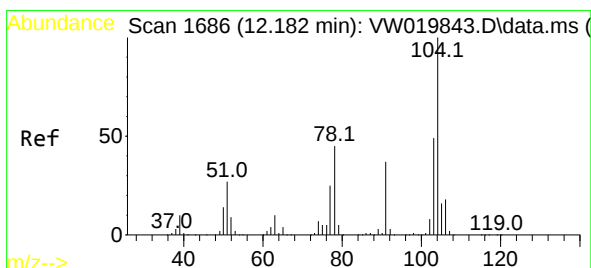
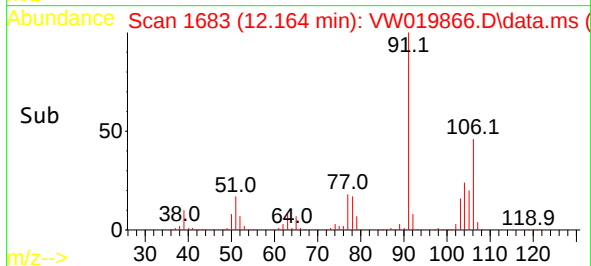
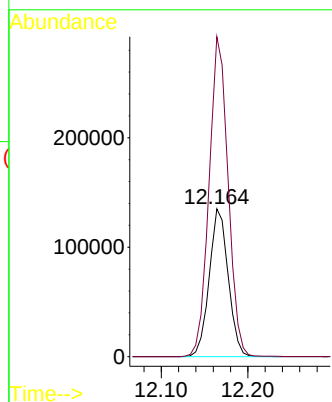
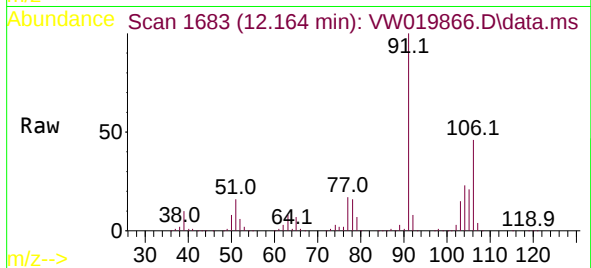




#54
o-Xylene
Concen: 24.682 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

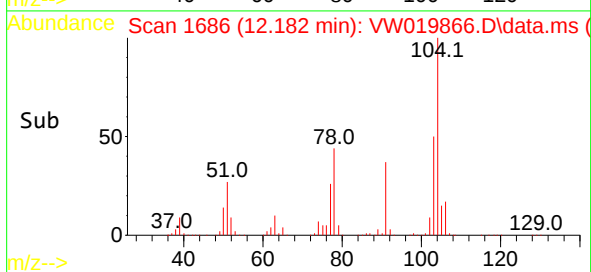
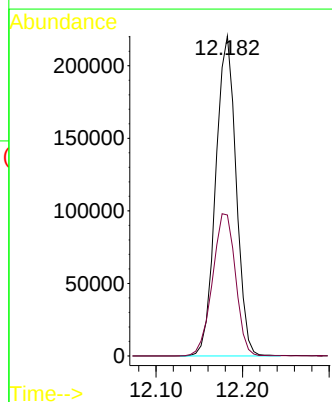
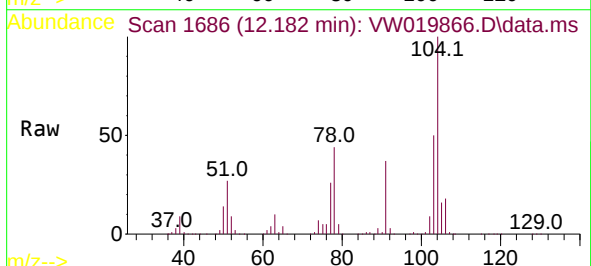
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

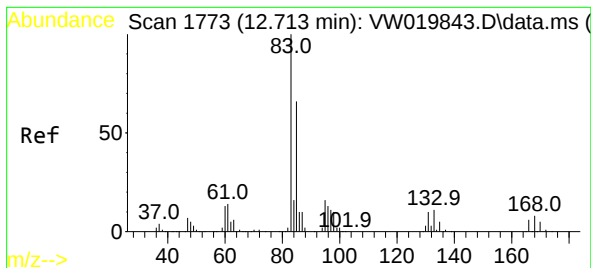
Tgt Ion:106 Resp: 205382
Ion Ratio Lower Upper
106 100
91 216.5 150.0 278.6



#55
Styrene
Concen: 25.370 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:104 Resp: 360713
Ion Ratio Lower Upper
104 100
78 44.1 32.5 60.3

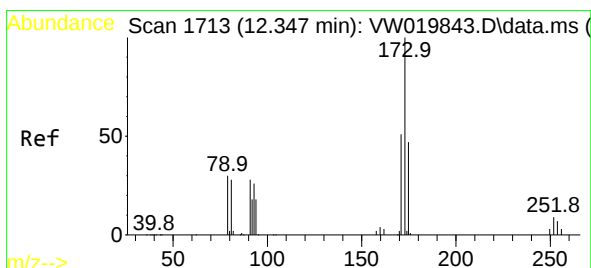
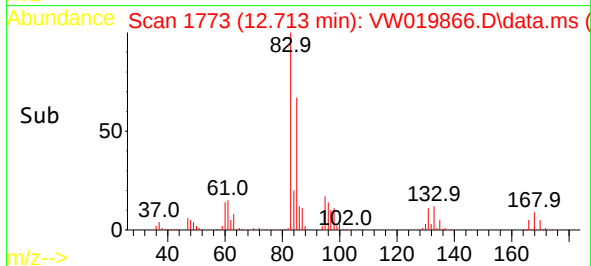
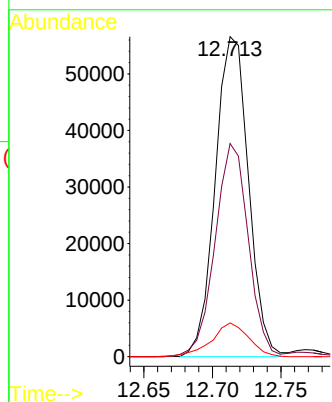
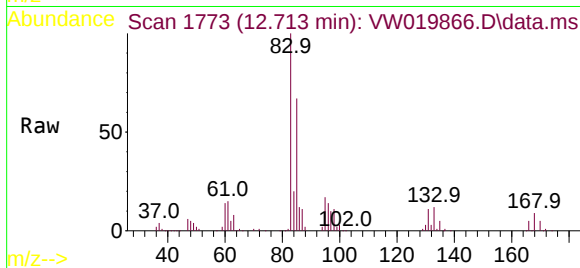




#57
1,1,2,2-Tetrachloroethane
Concen: 21.613 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

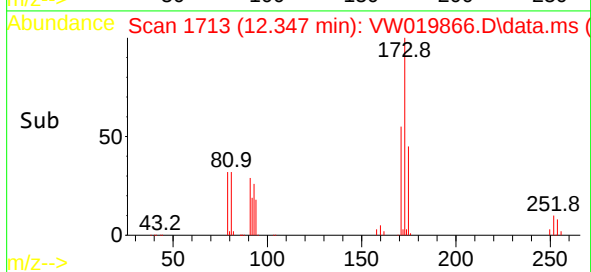
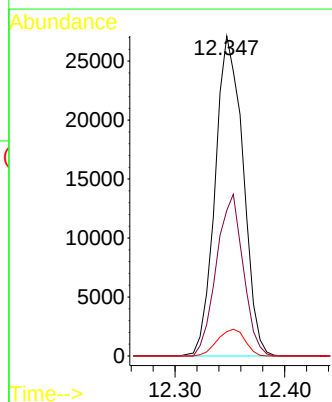
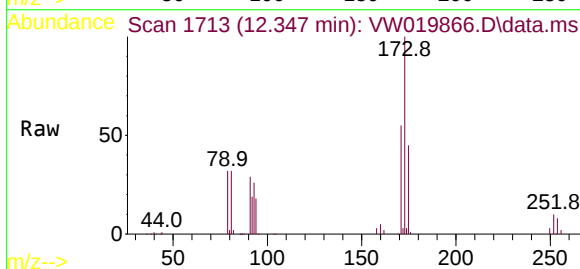
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

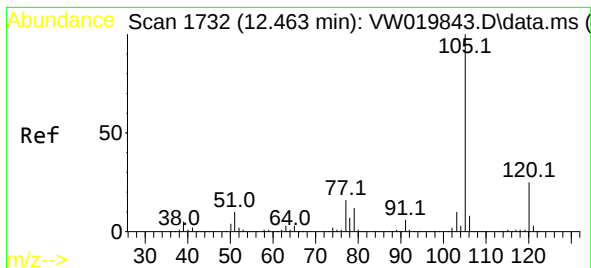
Tgt Ion: 83 Resp: 95453
Ion Ratio Lower Upper
83 100
85 66.6 44.4 82.4
131 10.6 8.2 12.4



#59
Bromoform
Concen: 20.943 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 173 Resp: 47942
Ion Ratio Lower Upper
173 100
175 48.6 37.5 56.3
254 8.3 7.0 10.4

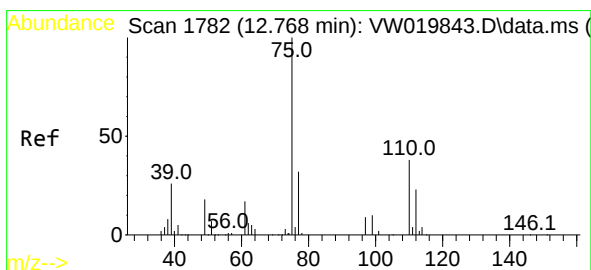
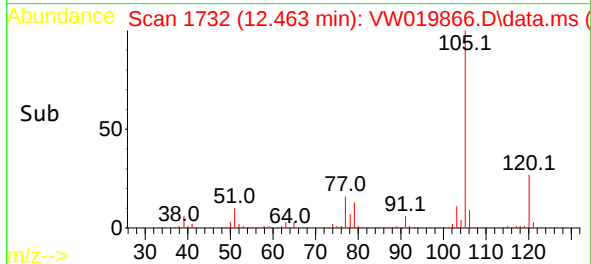
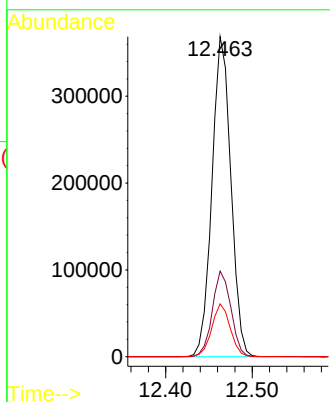
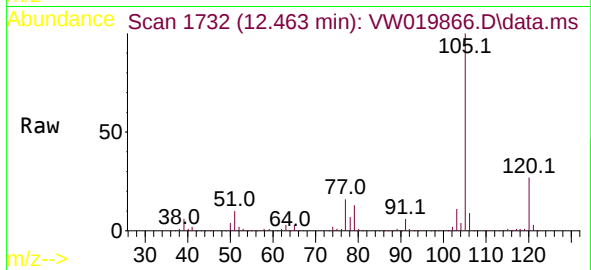




#60
Isopropylbenzene
Concen: 23.912 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

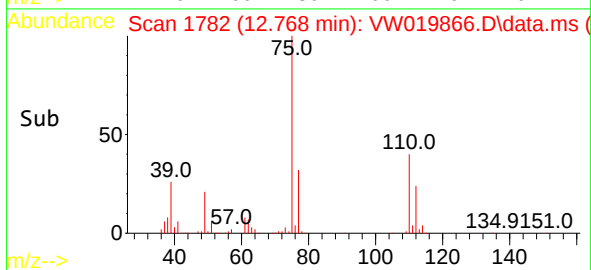
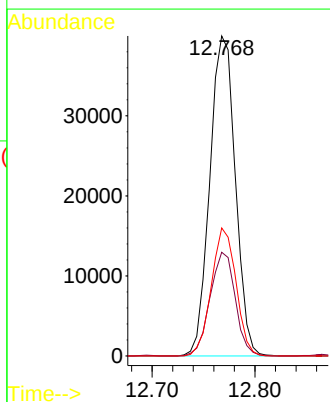
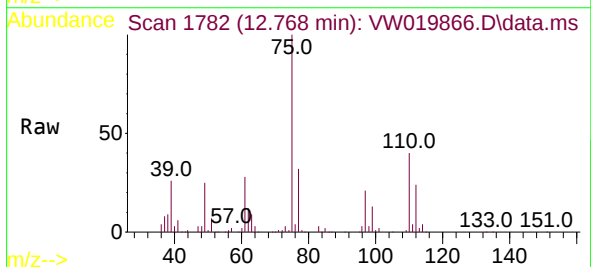
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

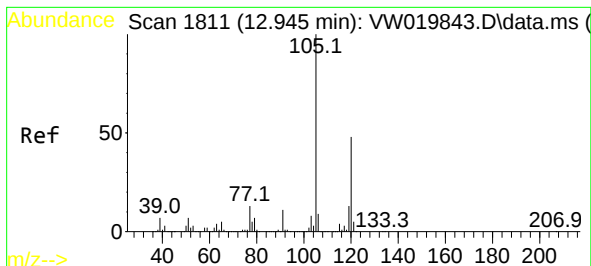
Tgt Ion:105 Resp: 558594
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 20.387 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 75 Resp: 68914
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 38.6 32.6 48.8

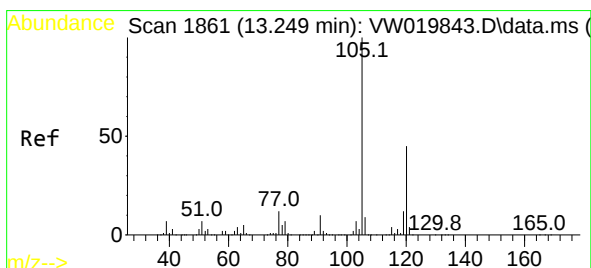
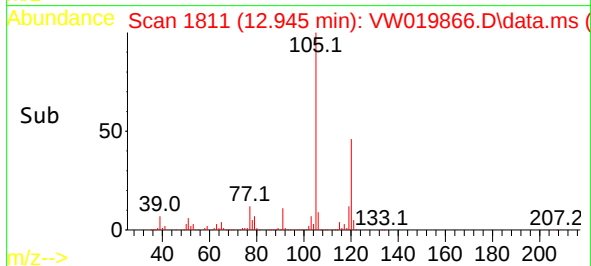
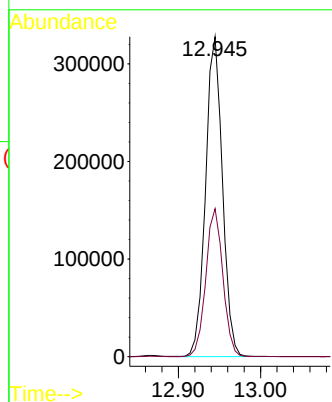
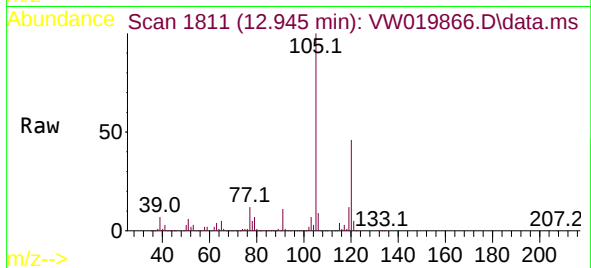




#62
1,3,5-Trimethylbenzene
Concen: 25.065 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

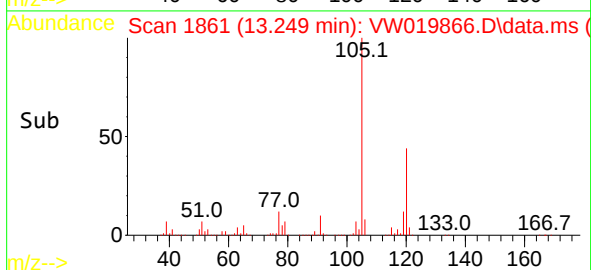
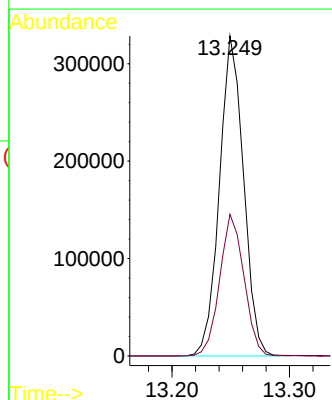
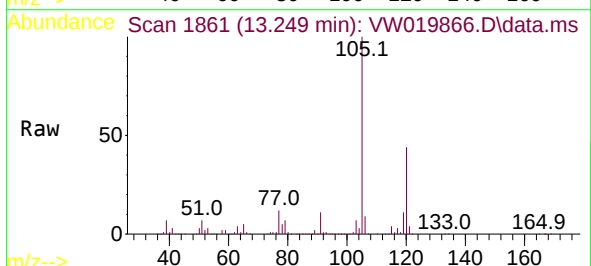
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

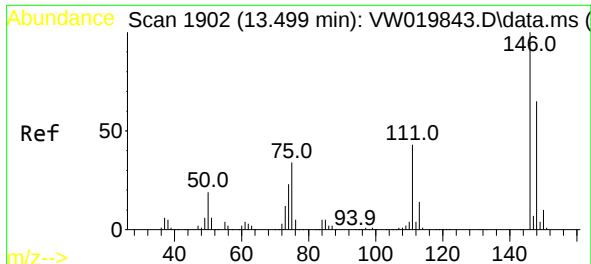
Tgt Ion:105 Resp: 467347
Ion Ratio Lower Upper
105 100
120 46.9 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.754 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:105 Resp: 467845
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

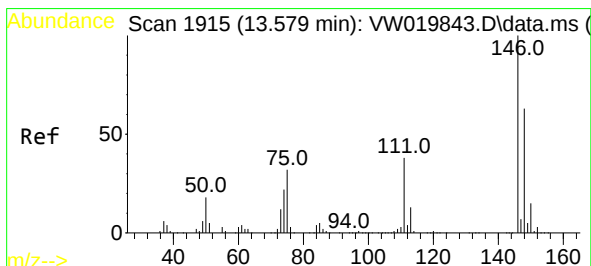
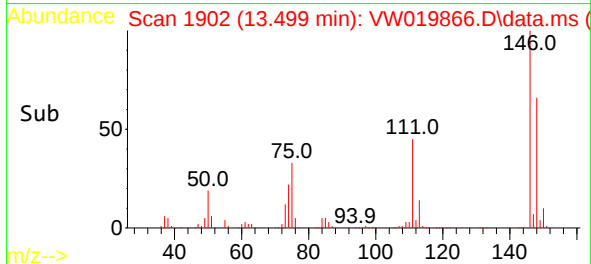
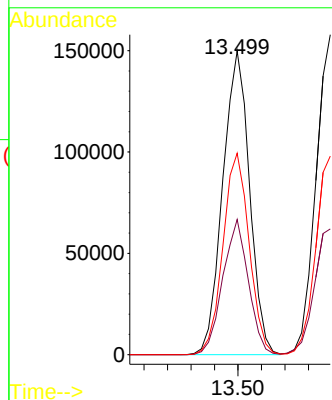
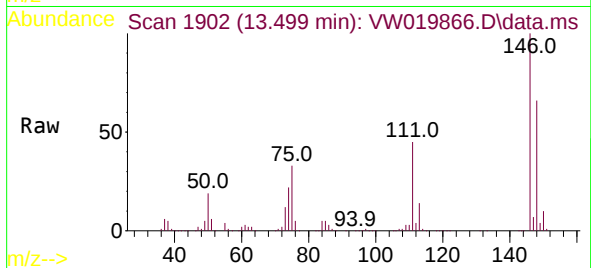




#64
1,3-Dichlorobenzene
Concen: 22.829 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

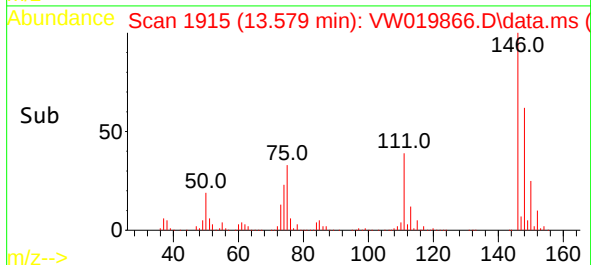
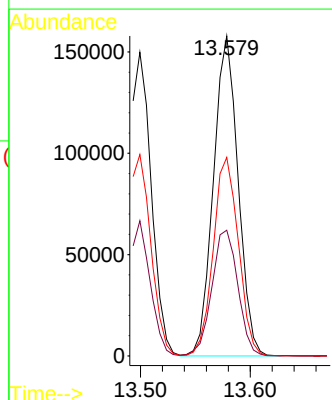
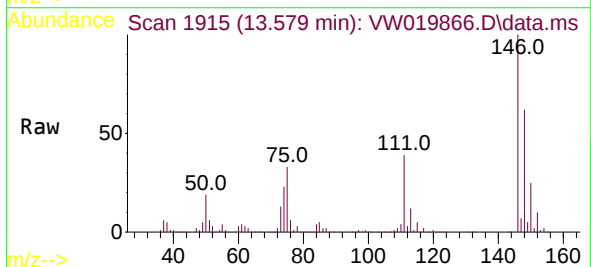
Instrument :
MSVOA_W
ClientSampled :
VSTD025521

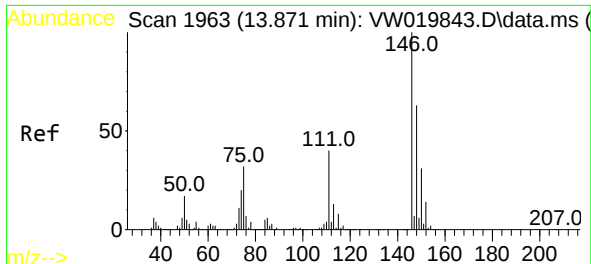
Tgt Ion:146 Resp: 237774
Ion Ratio Lower Upper
146 100
111 44.5 26.7 49.7
148 66.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.092 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:146 Resp: 247210
Ion Ratio Lower Upper
146 100
111 39.3 28.8 53.4
148 62.1 46.8 87.0

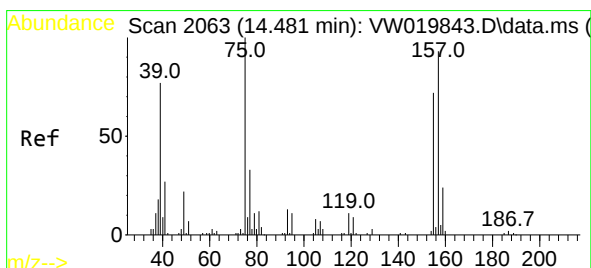
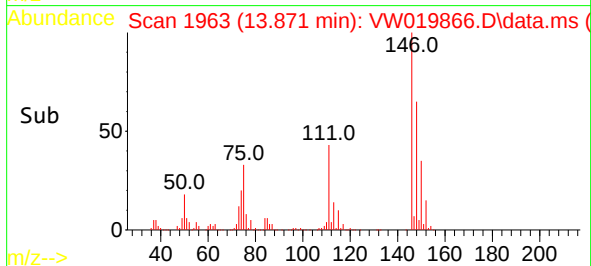
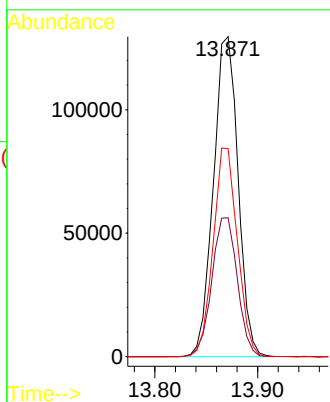
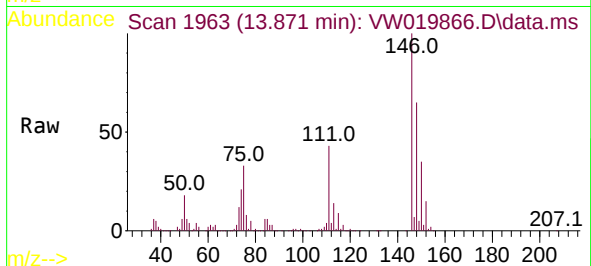




#67
1,2-Dichlorobenzene
Concen: 22.849 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

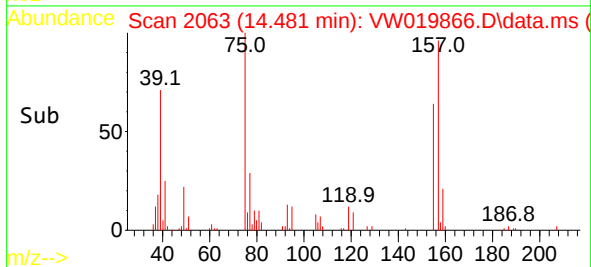
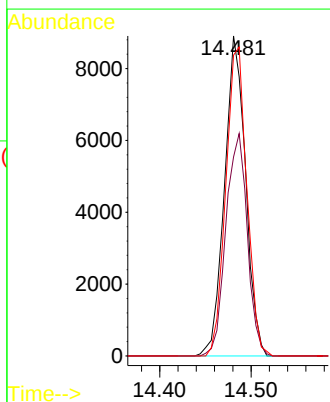
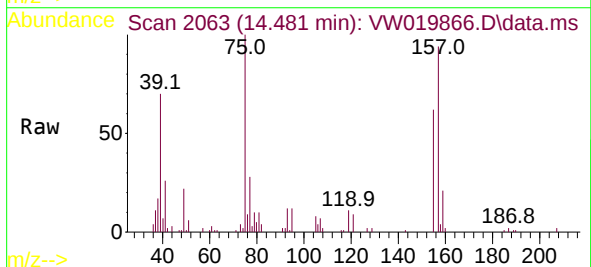
Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

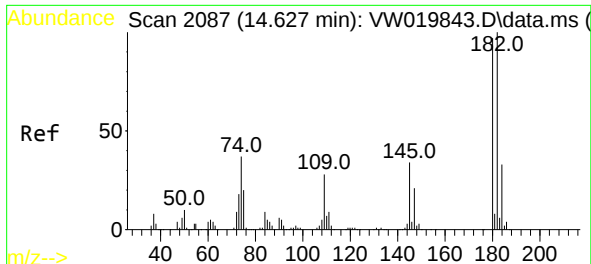
Tgt Ion:146 Resp: 216104
Ion Ratio Lower Upper
146 100
111 43.4 33.2 49.8
148 65.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 19.309 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion: 75 Resp: 14229
Ion Ratio Lower Upper
75 100
155 62.2 59.4 89.0
157 94.0 72.2 108.2

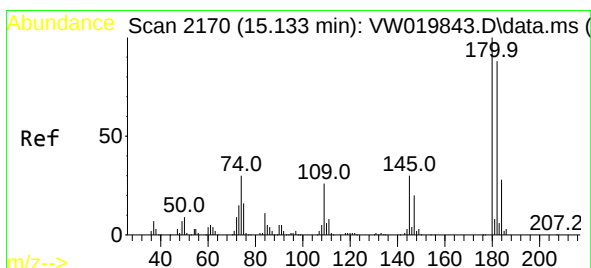
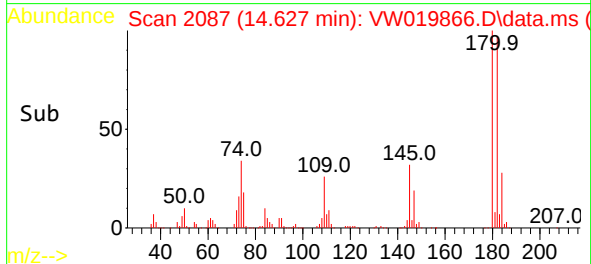
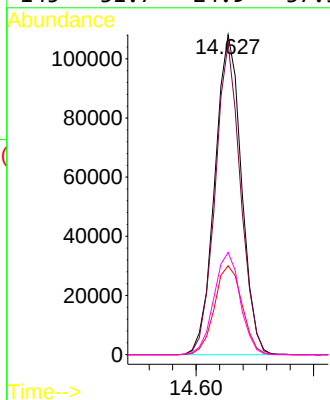
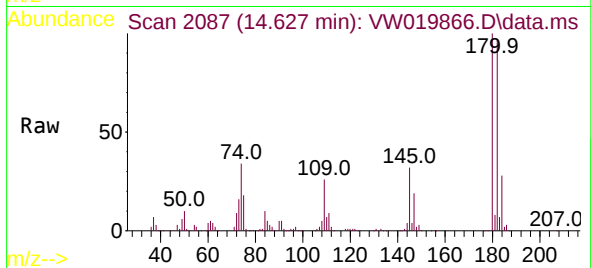




#69
1,3,5-Trichlorobenzene
Concen: 23.629 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

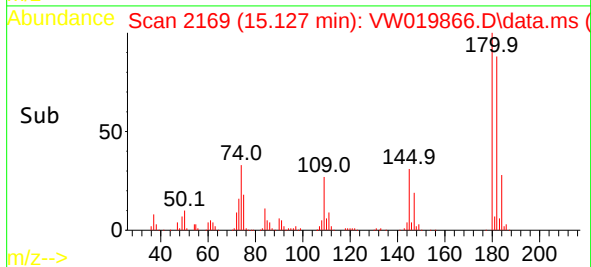
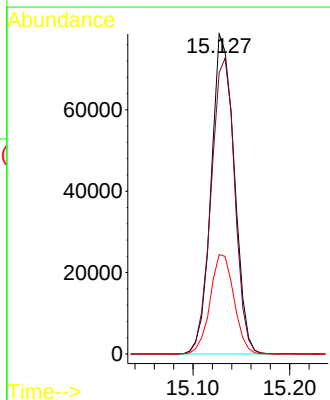
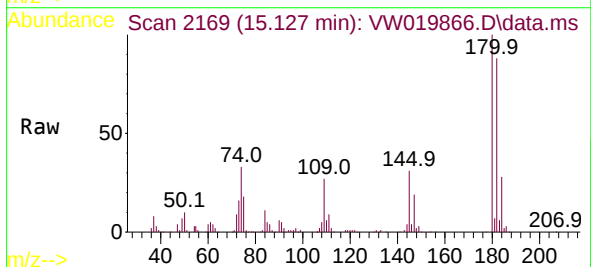
Instrument :
MSVOA_W
ClientSampled :
VSTD025521

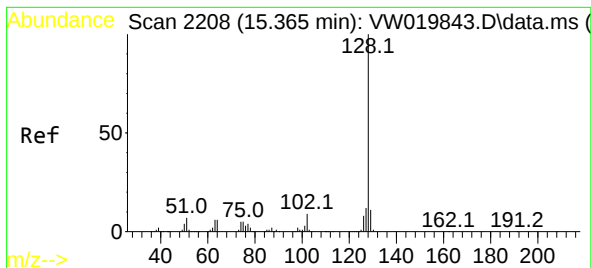
Tgt Ion:	180	Resp:	169569
Ion Ratio	Lower	Upper	
180	100		
182	92.8	73.4	110.2
184	28.9	23.6	35.4
145	31.7	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 23.615 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:	180	Resp:	130221
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.7	112.1
145	32.2	25.0	37.4

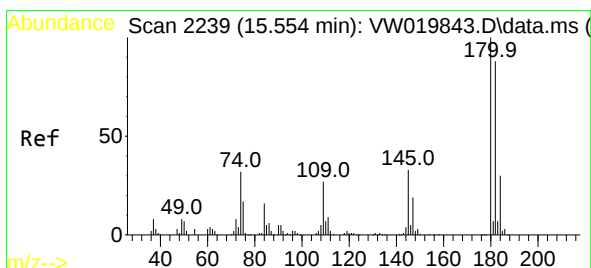
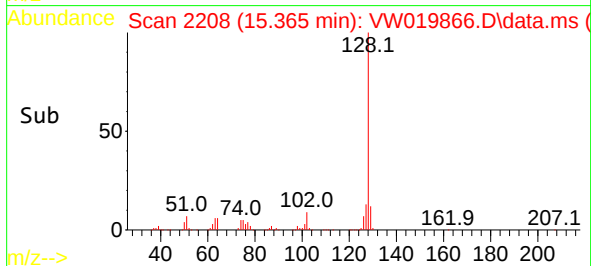
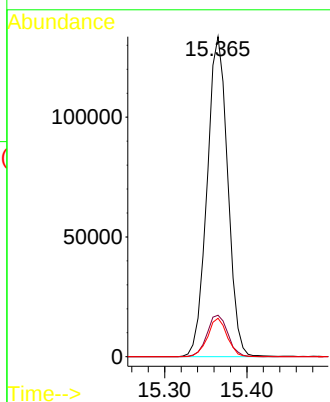
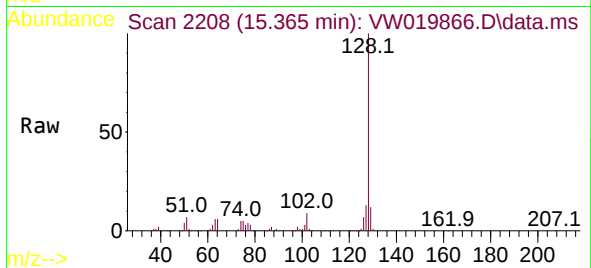




#71
Naphthalene
Concen: 21.212 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Instrument :
MSVOA_W
ClientSampled :
VSTD025521

Tgt Ion:	128	Resp:	233290
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	11.4	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.619 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019866.D
Acq: 24 Aug 2021 09:40

Tgt Ion:	180	Resp:	120606
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.7	115.1
145	34.0	28.9	43.3

