

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019887.D
 Acq On : 24 Aug 2021 20:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Aug 25 01:03:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	543413	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	506818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	253786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	175178	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.897	69	146402	19.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.240%
11) 1,1-Dichloroethene-d2	4.031	63	346954	23.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.000%
21) 2-Butanone-d5	7.086	46	89023	52.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.100%
24) Chloroform-d	7.653	84	373015	24.960	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.311	65	199903	24.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.280%
32) Benzene-d6	8.281	84	711322	24.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	9.274	67	216425	24.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	10.323	98	653593	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.579	79	96255	26.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.520%
47) 2-Hexanone-d5	10.926	63	65672	53.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.740%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	176050	24.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	223523	25.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	128686	24.164	ug/L	98
3) Chloromethane	2.221	50	138172	20.849	ug/L	99
5) Vinyl chloride	2.373	62	217161	22.095	ug/L	99
6) Bromomethane	2.788	94	140966	19.328	ug/L	95
8) Chloroethane	2.934	64	133022	20.645	ug/L	99
9) Trichlorofluoromethane	3.269	101	145617	23.034	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	194919	25.976	ug/L	97
12) 1,1-Dichloroethene	4.056	96	182885	24.853	ug/L	96
13) Acetone	4.141	43	62176	42.588	ug/L	90
14) Carbon disulfide	4.391	76	551495	23.432	ug/L	99
15) Methyl Acetate	4.678	43	76481	25.167	ug/L	100
16) Methylene chloride	4.928	84	234488	25.142	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	199060	25.751	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	260169	29.238	ug/L	98
19) 1,1-Dichloroethane	6.226	63	358835	26.188	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	211294	27.004	ug/L	96
22) 2-Butanone	7.177	43	96148	50.822	ug/L	100
23) Bromochloromethane	7.525	128	90342	25.799	ug/L	90
25) Chloroform	7.683	83	365998	25.818	ug/L	100

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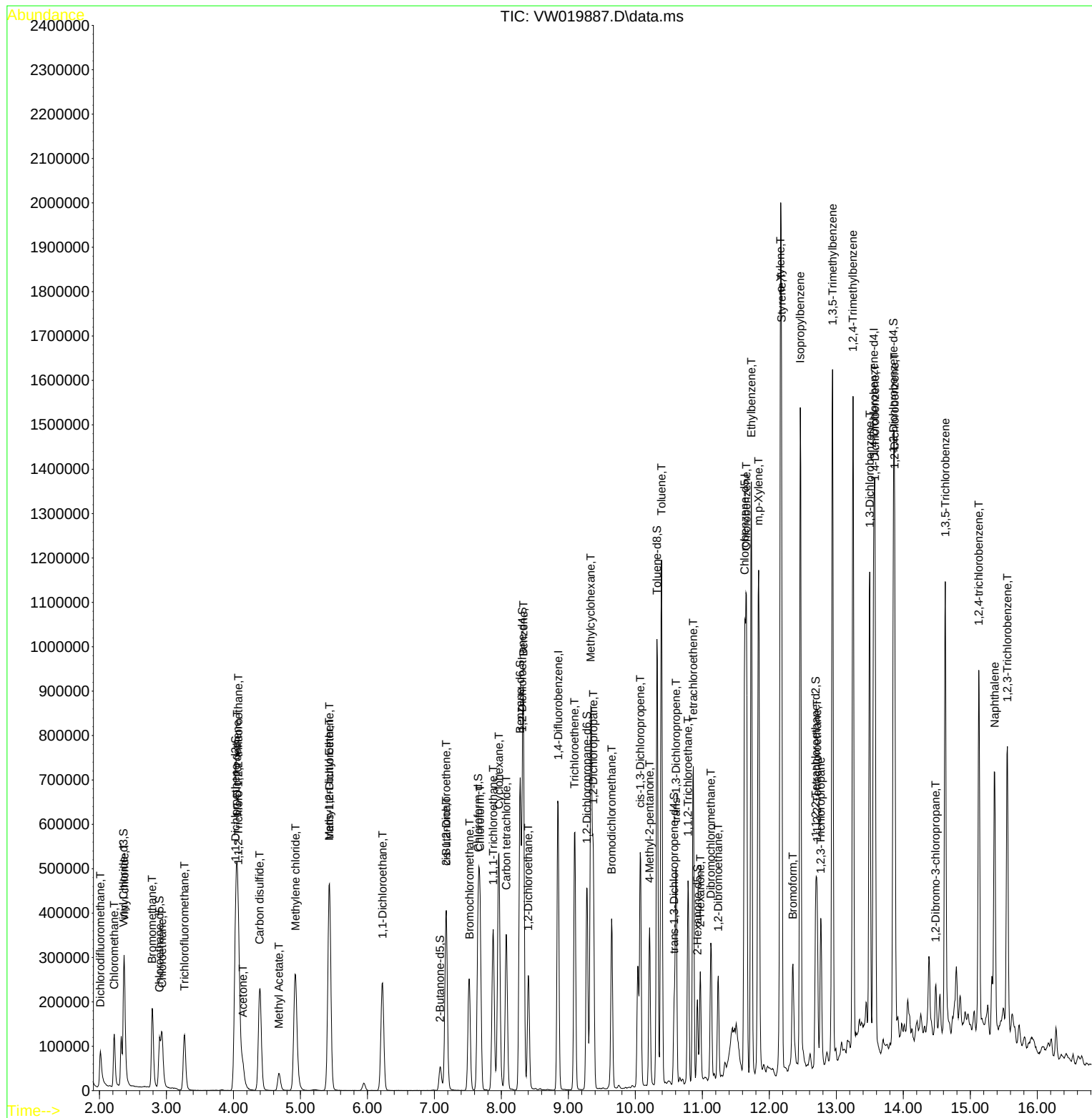
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	240063	25.959	ug/L	99
29) Cyclohexane	7.964	56	314424	26.418	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	295090	26.052	ug/L	98
31) Carbon tetrachloride	8.073	117	261822	24.796	ug/L	100
33) Benzene	8.329	78	785848	25.264	ug/L	100
34) Trichloroethene	9.091	95	206205	25.500	ug/L	95
35) Methylcyclohexane	9.335	83	366385	26.415	ug/L	98
37) 1,2-Dichloropropane	9.372	63	193302	25.092	ug/L	99
38) Bromodichloromethane	9.646	83	252169	25.268	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	306314	27.001	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	219922	53.686	ug/L	97
42) Toluene	10.390	91	849552	25.783	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	266768	26.715	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	142778	25.600	ug/L	98
46) Tetrachloroethene	10.865	164	155958	25.461	ug/L	97
48) 2-Hexanone	10.969	43	150784	52.877	ug/L	96
49) Dibromochloromethane	11.128	129	162840	25.524	ug/L	96
50) 1,2-Dibromoethane	11.237	107	135842	25.932	ug/L	99
51) Chlorobenzene	11.658	112	534553	25.543	ug/L	98
52) Ethylbenzene	11.731	91	933269	26.308	ug/L	98
53) m,p-Xylene	11.841	106	364903	26.786	ug/L	99
54) o-Xylene	12.164	106	354587	27.516	ug/L	98
55) Styrene	12.182	104	599395	27.221	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	168686	24.664	ug/L	98
59) Bromoform	12.353	173	83938	24.911	ug/L	97
60) Isopropylbenzene	12.463	105	947823	27.563	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	126068	25.336	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	809953	29.510	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	809717	29.105	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	415654	27.112	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	397813	25.244	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	368301	26.454	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28091	25.897	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	299799	28.380	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	249445	30.731	ug/L	97
71) Naphthalene	15.365	128	528913	32.671	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	214298	28.511	ug/L	98

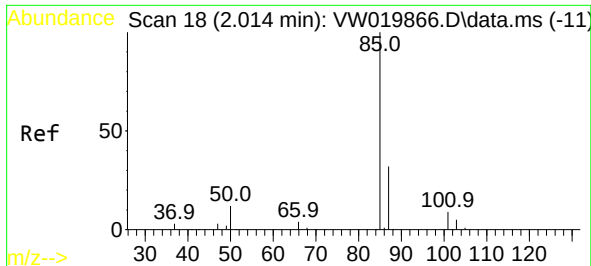
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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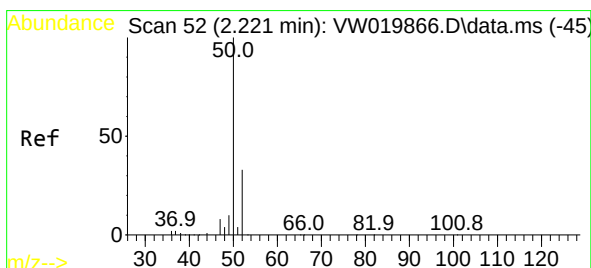
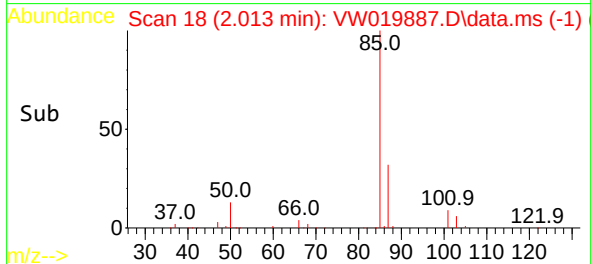
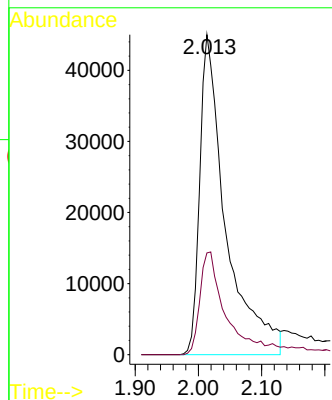
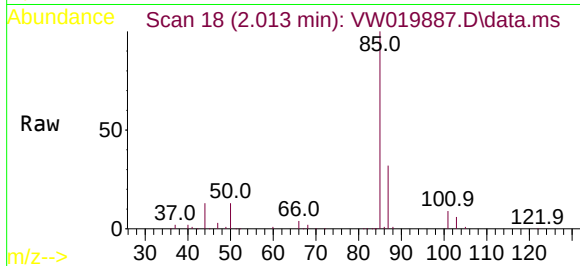




#2
Dichlorodifluoromethane
Concen: 24.164 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

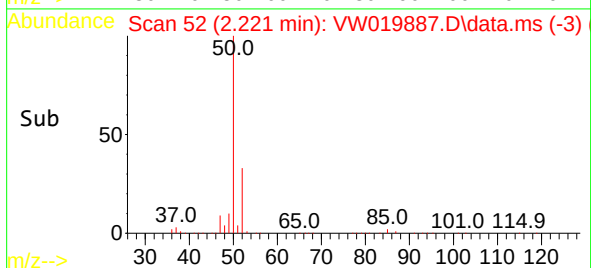
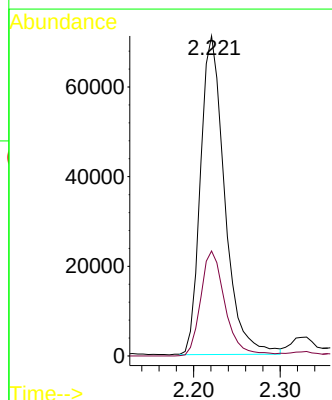
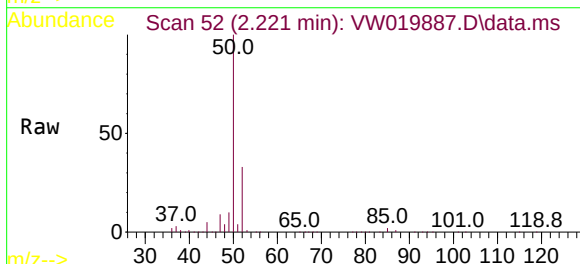
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

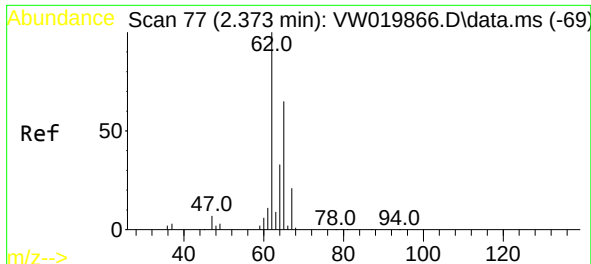
Tgt Ion: 85 Resp: 128686
Ion Ratio Lower Upper
85 100
87 30.1 23.3 34.9



#3
Chloromethane
Concen: 20.849 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 50 Resp: 138172
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9

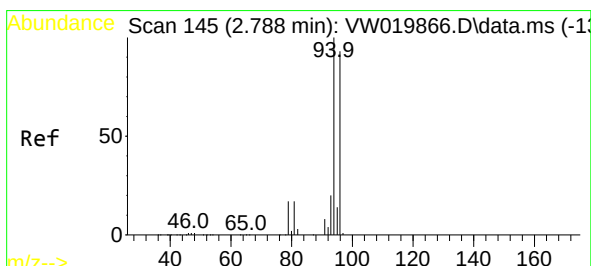
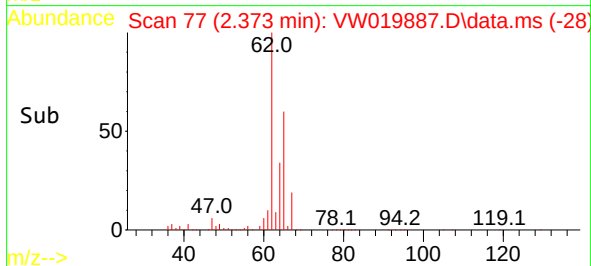
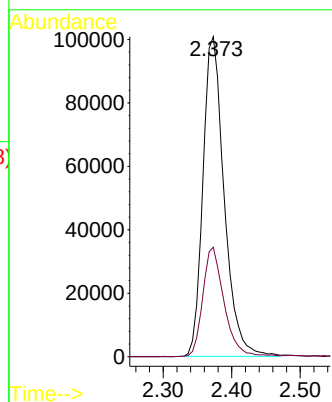
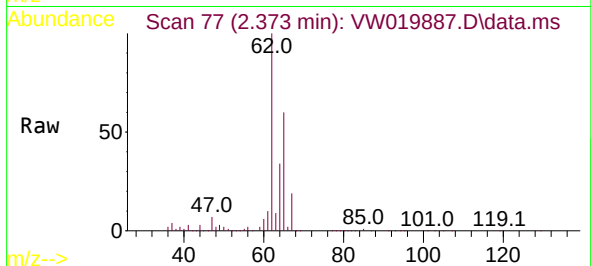




#5
 Vinyl chloride
 Concen: 22.095 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VW019887.D
 Acq: 24 Aug 2021 20:05

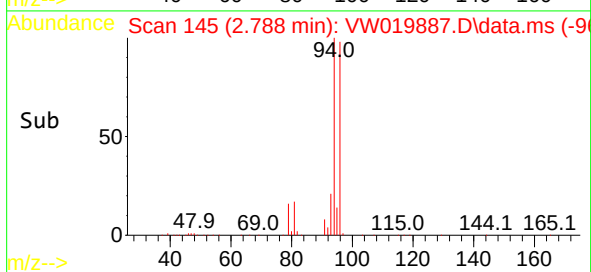
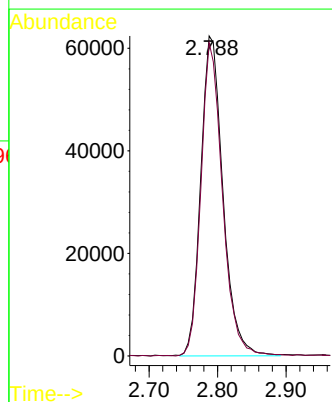
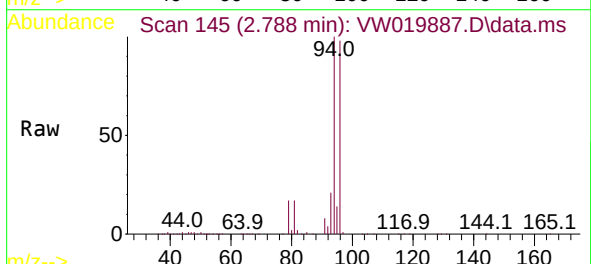
Instrument :
 MSVOA_W
 ClientSampled :
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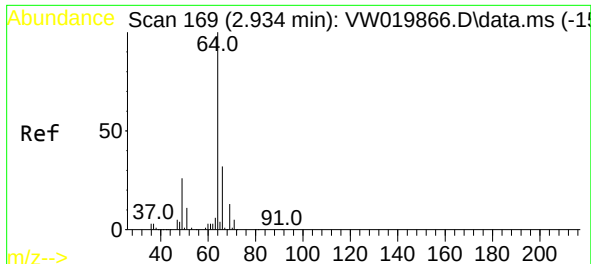
Tgt Ion: 62 Resp: 217161
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.2 45.0



#6
 Bromomethane
 Concen: 19.328 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW019887.D
 Acq: 24 Aug 2021 20:05

Tgt Ion: 94 Resp: 140966
 Ion Ratio Lower Upper
 94 100
 96 97.8 65.3 121.3

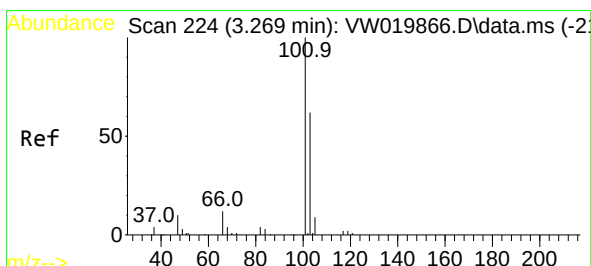
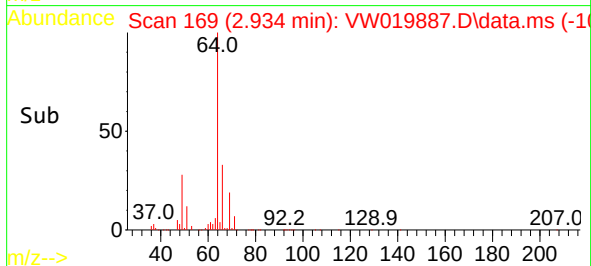
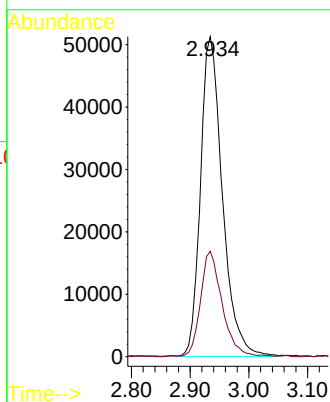
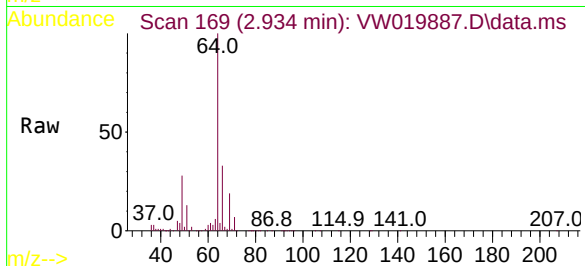




#8
Chloroethane
Concen: 20.645 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

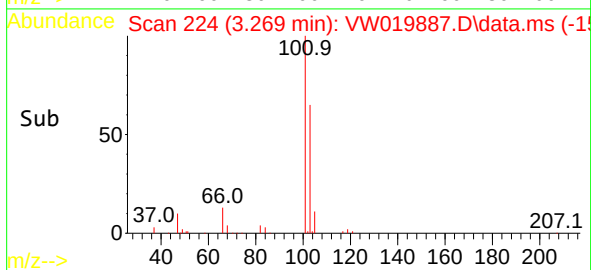
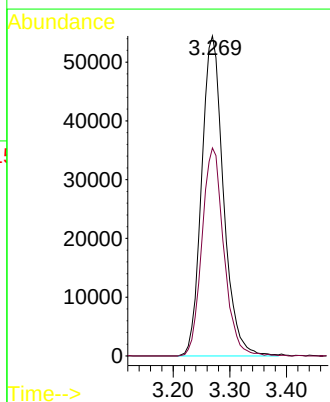
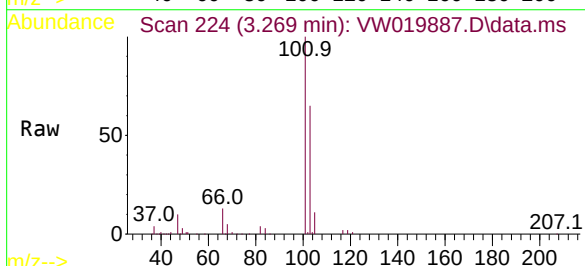
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

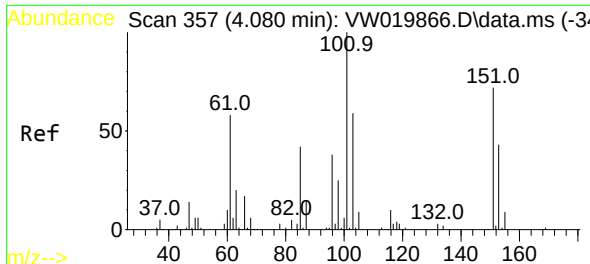
Tgt Ion: 64 Resp: 133022
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.034 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:101 Resp: 145617
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

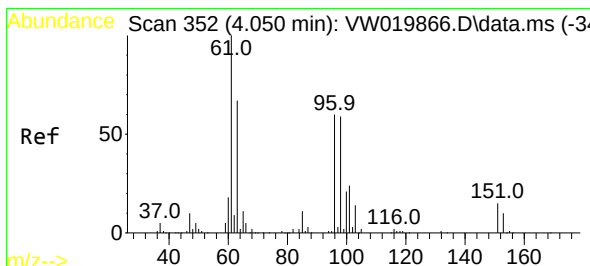
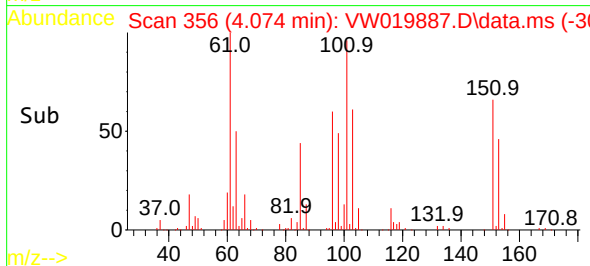
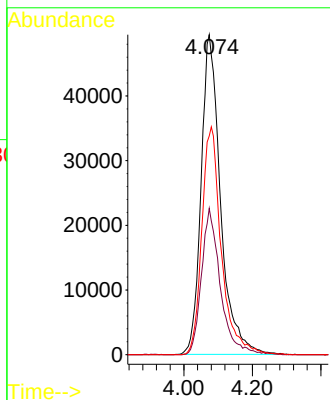
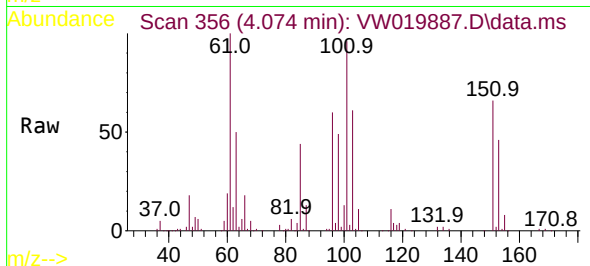




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.976 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.006 min
 Lab File: VW019887.D
 Acq: 24 Aug 2021 20:05

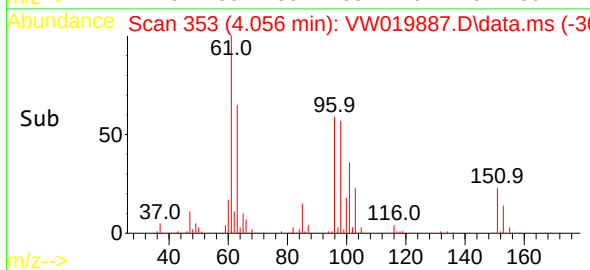
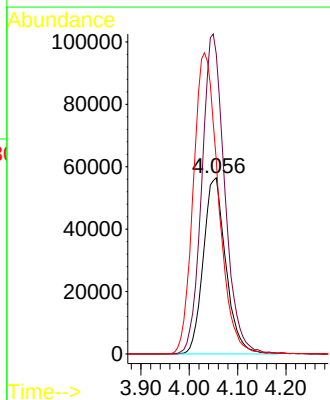
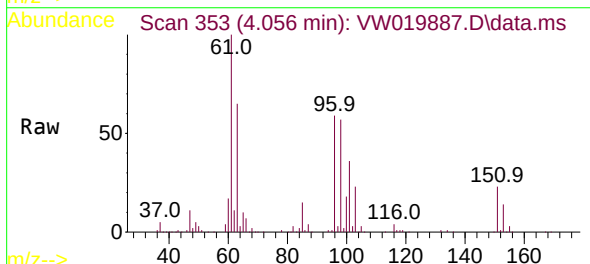
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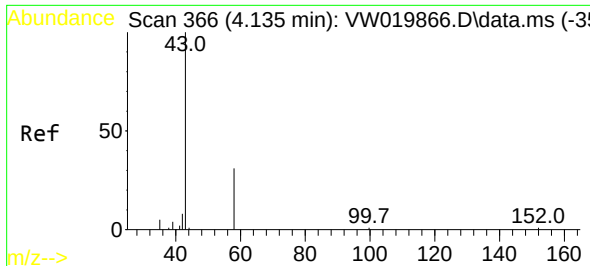
Tgt Ion:101 Resp: 194919
 Ion Ratio Lower Upper
 101 100
 85 43.2 38.2 57.2
 151 69.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.853 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW019887.D
 Acq: 24 Aug 2021 20:05

Tgt Ion: 96 Resp: 182885
 Ion Ratio Lower Upper
 96 100
 61 170.2 118.1 219.3
 63 110.1 83.7 155.5

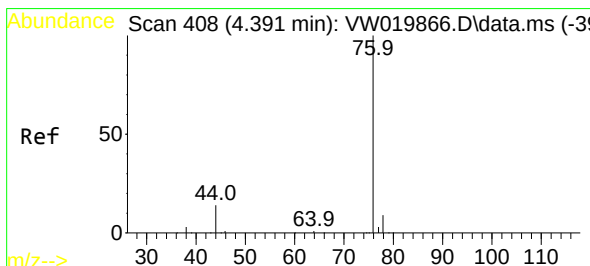
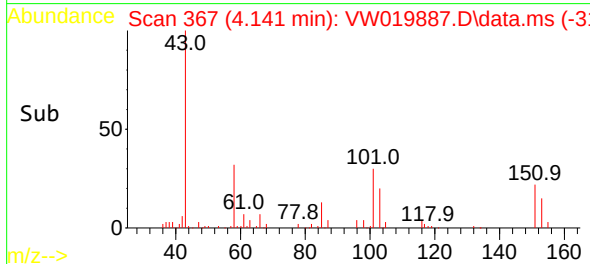
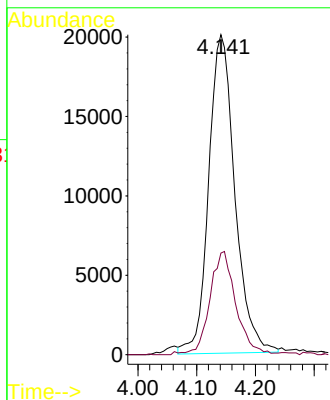
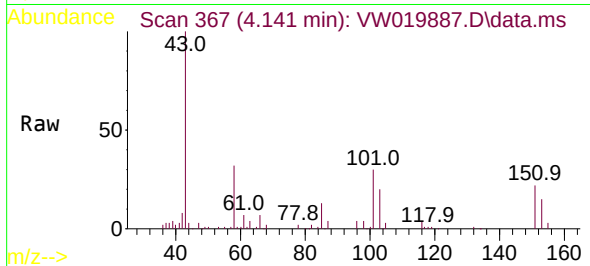




#13
Acetone
Concen: 42.588 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

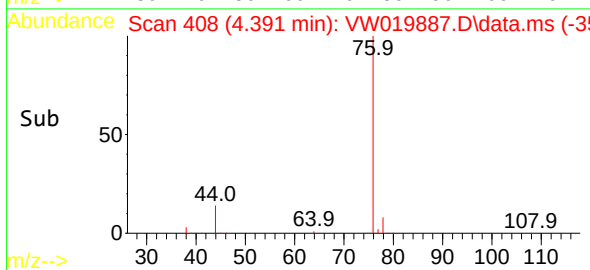
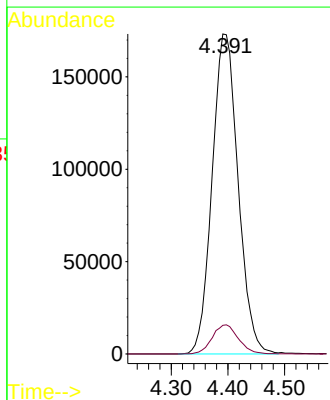
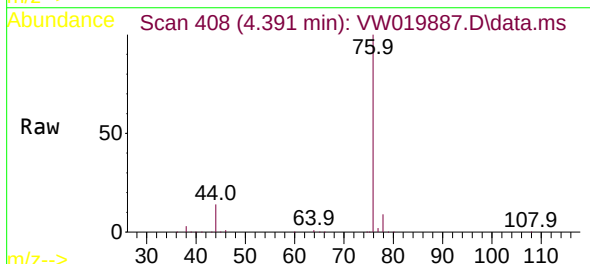
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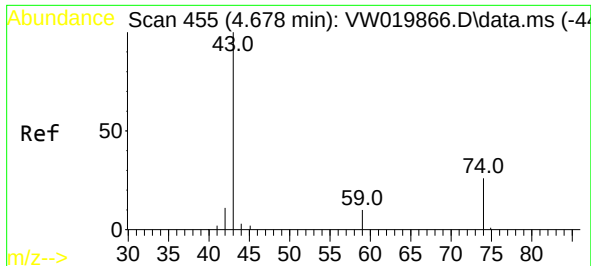
Tgt Ion: 43 Resp: 62176
Ion Ratio Lower Upper
43 100
58 32.0 0.0 53.8



#14
Carbon disulfide
Concen: 23.432 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019887.D
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Tgt Ion: 76 Resp: 551495
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

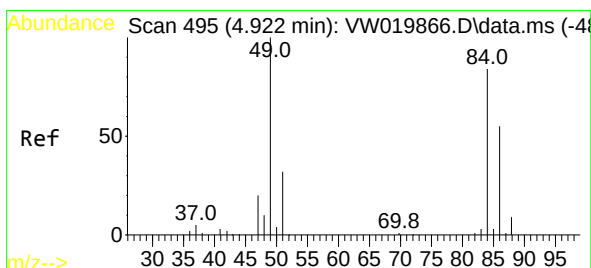
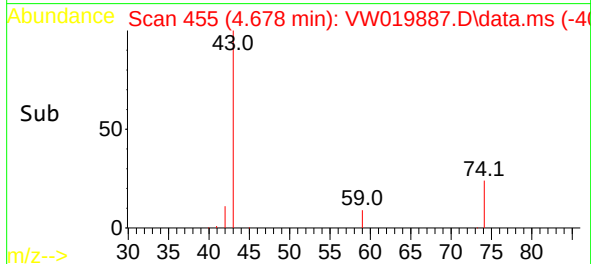
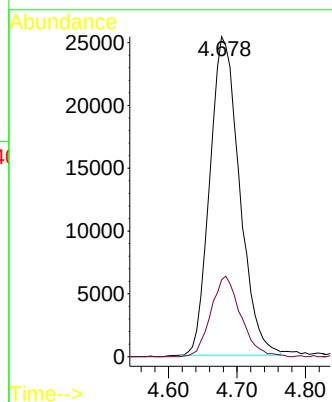
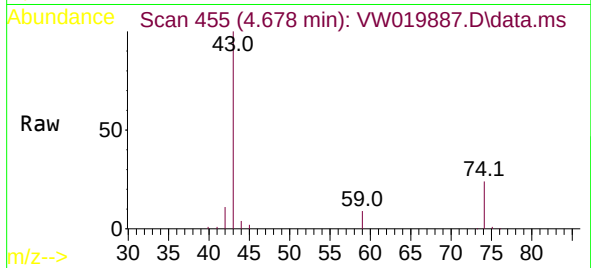




#15
Methyl Acetate
Concen: 25.167 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

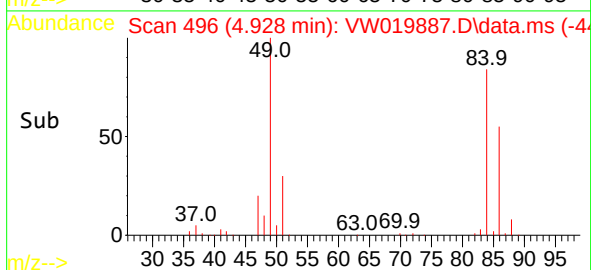
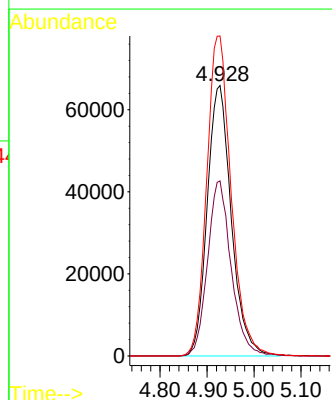
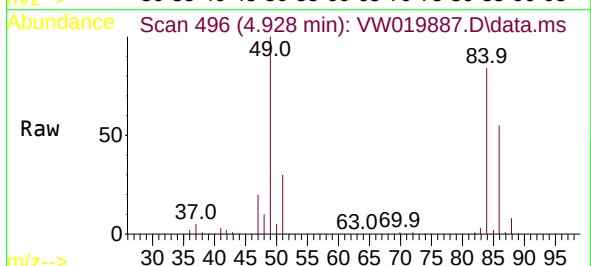
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

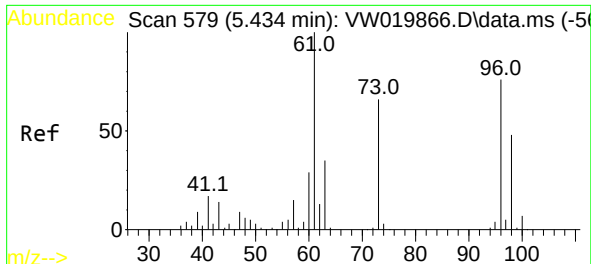
Tgt Ion: 43 Resp: 76481
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 25.142 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 84 Resp: 234488
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 118.4 86.6 160.8

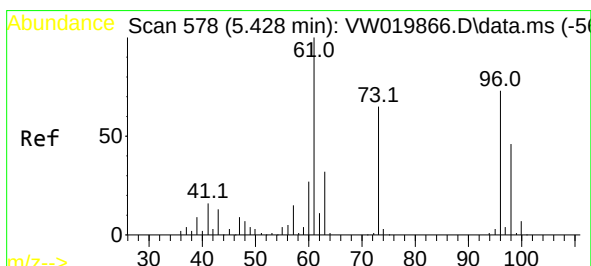
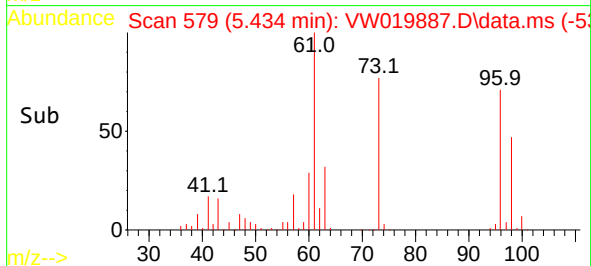
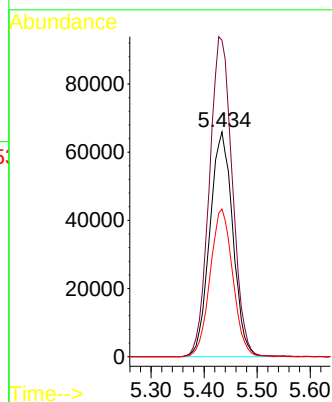
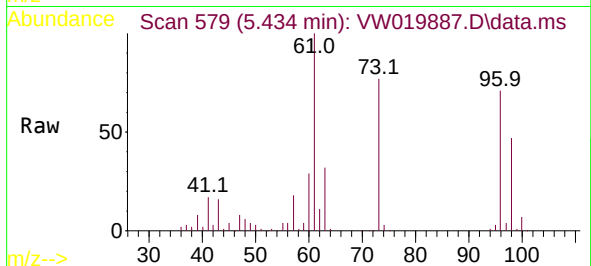




#17
trans-1,2-Dichloroethene
Concen: 25.751 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

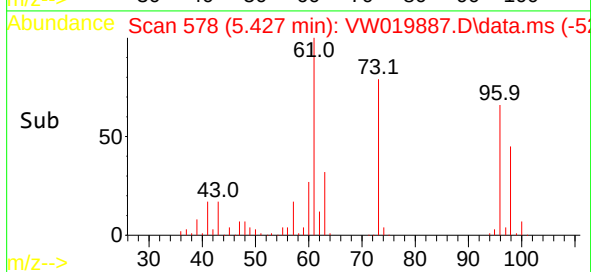
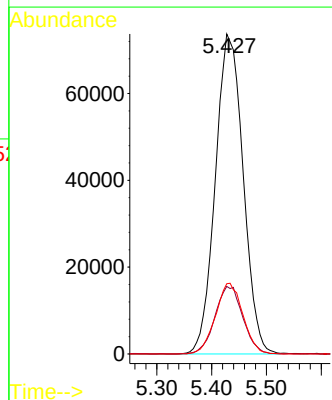
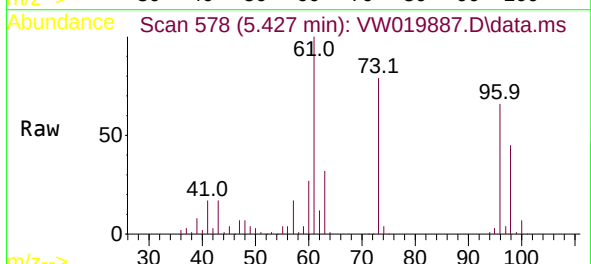
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

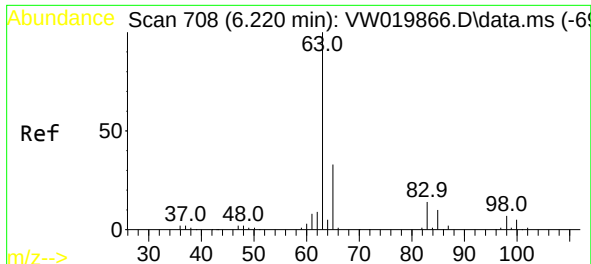
Tgt Ion: 96 Resp: 199060
Ion Ratio Lower Upper
96 100
61 140.8 98.3 182.7
98 65.7 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 29.238 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 73 Resp: 260169
Ion Ratio Lower Upper
73 100
43 21.2 17.7 26.5
57 21.7 17.0 25.4

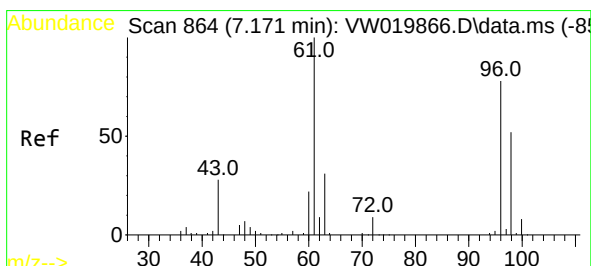
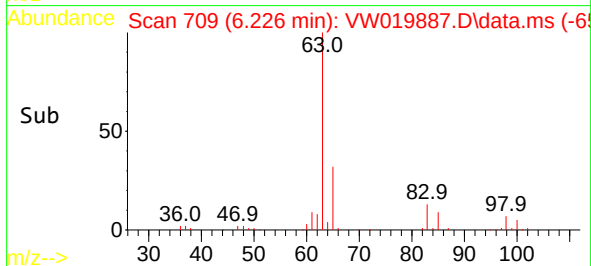
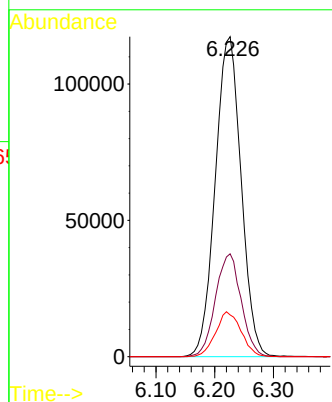
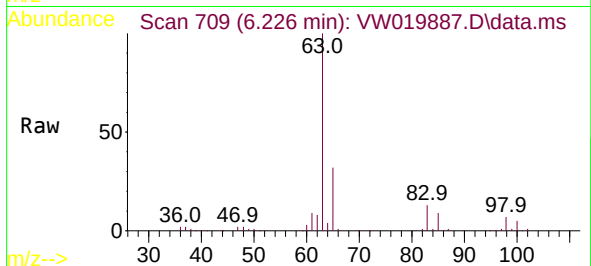




#19
1,1-Dichloroethane
Concen: 26.188 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

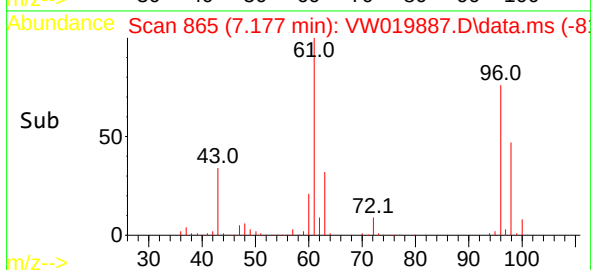
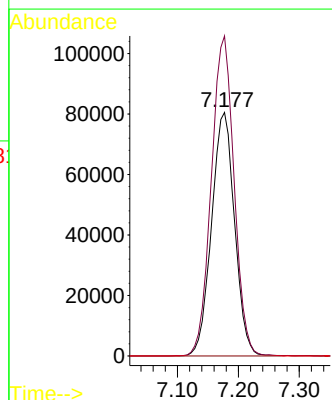
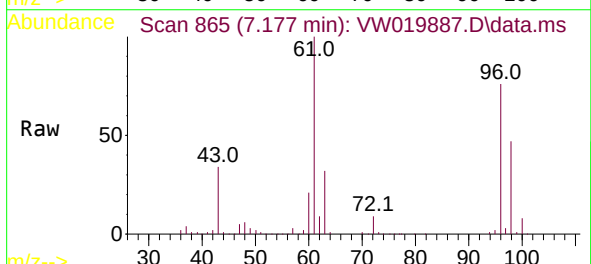
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

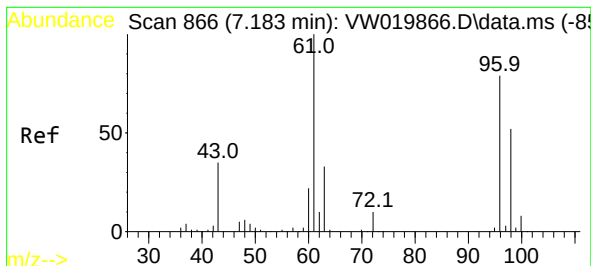
Tgt Ion: 63 Resp: 358835
Ion Ratio Lower Upper
63 100
65 32.1 22.9 42.5
83 13.1 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 27.004 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 96 Resp: 211294
Ion Ratio Lower Upper
96 100
61 131.4 88.5 164.3
68 0.0 0.0 0.0

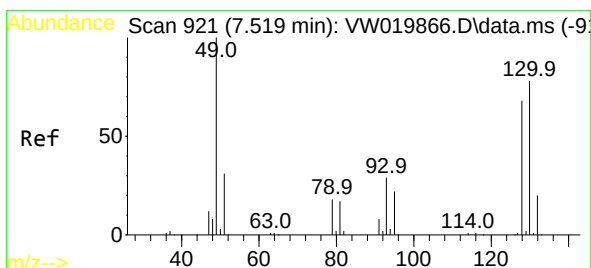
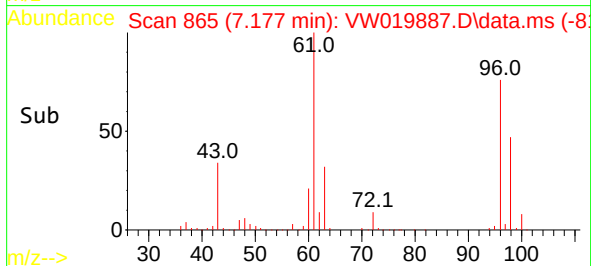
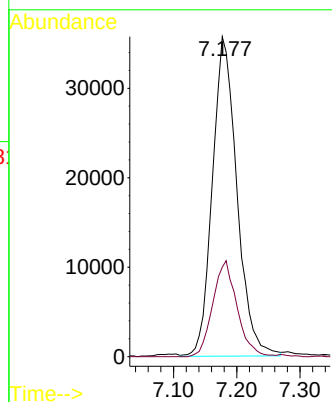
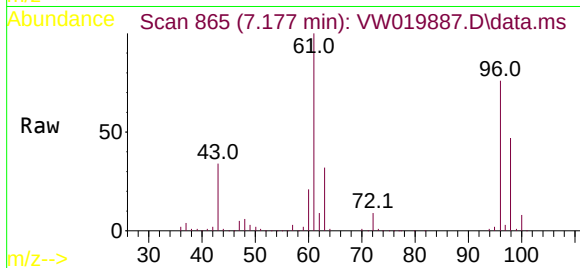




#22
2-Butanone
Concen: 50.822 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

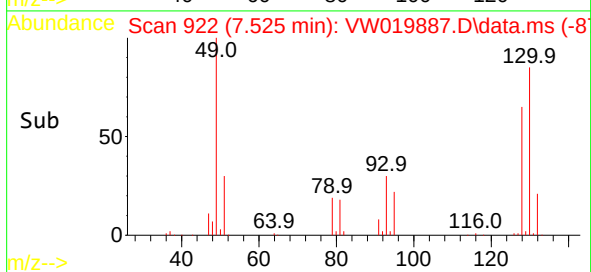
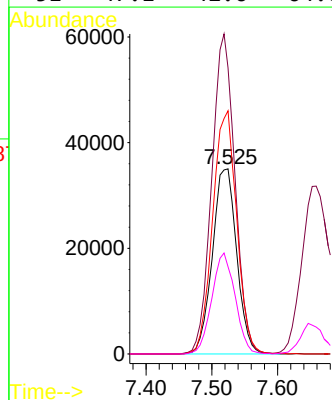
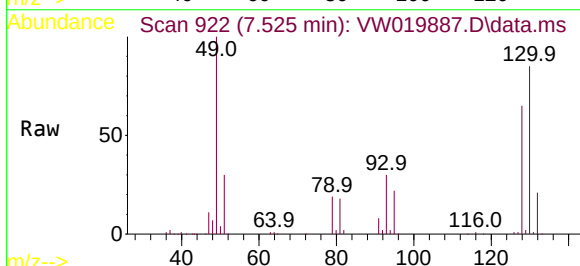
Instrument :
MSVOA_W
ClientSampled :
VSTD025522

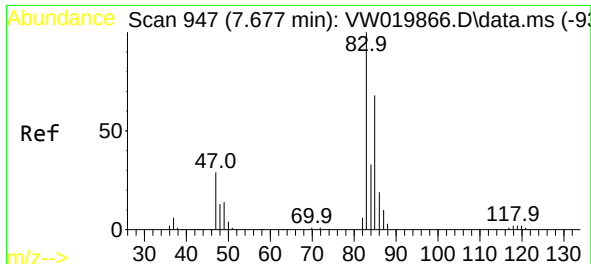
Tgt Ion: 43 Resp: 96148
Ion Ratio Lower Upper
43 100
72 29.7 14.9 44.7



#23
Bromochloromethane
Concen: 25.799 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 128 Resp: 90342
Ion Ratio Lower Upper
128 100
49 154.6 116.3 215.9
130 131.4 82.4 153.0
51 47.1 42.6 64.0

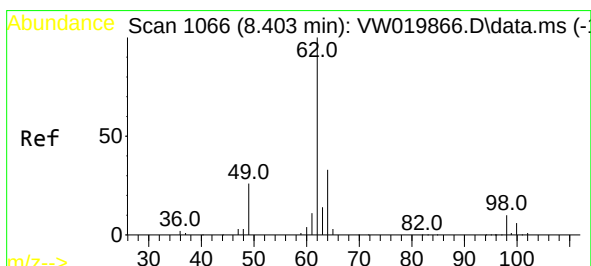
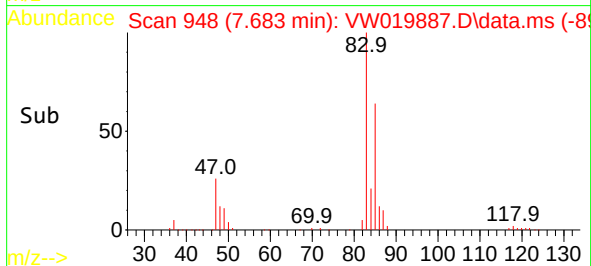
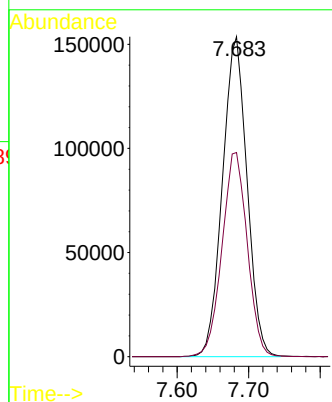
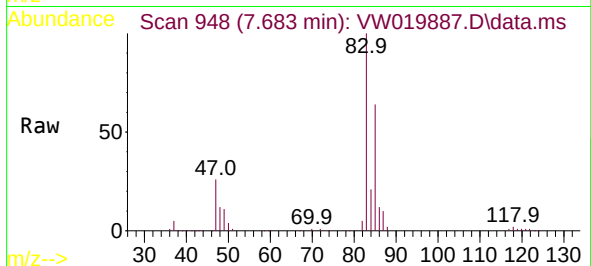




#25
Chloroform
Concen: 25.818 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

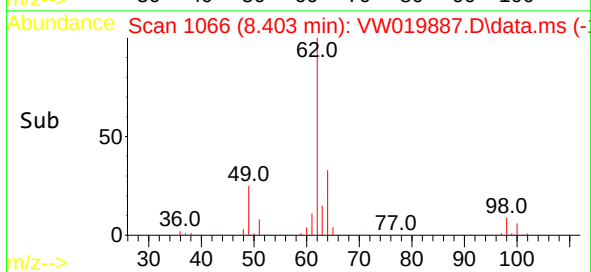
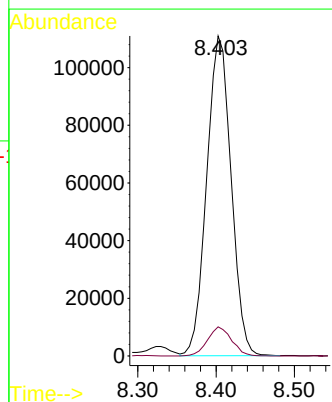
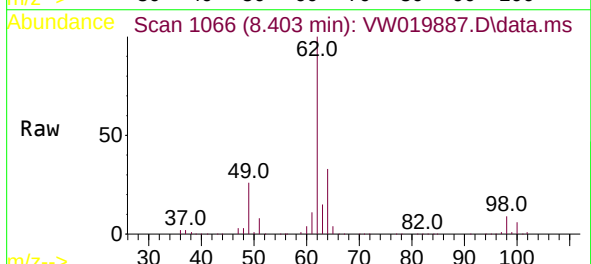
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

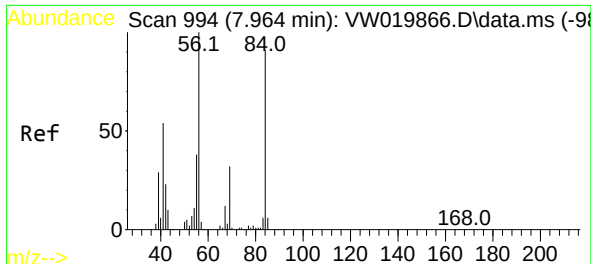
Tgt Ion: 83 Resp: 365998
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.959 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 62 Resp: 240063
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3

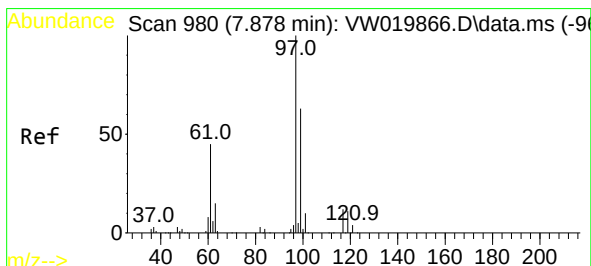
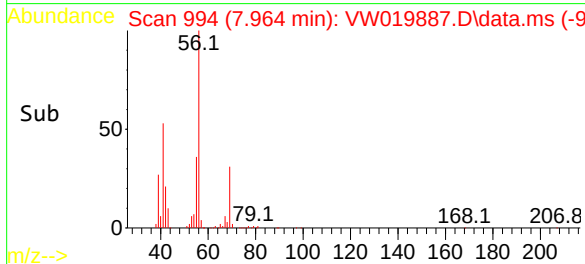
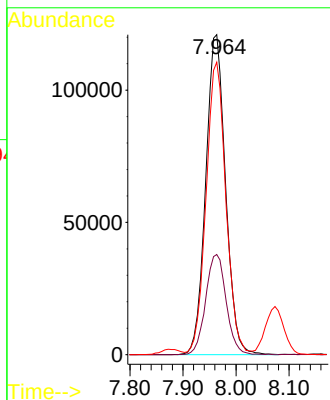
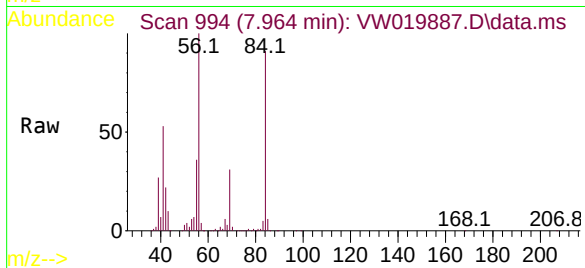




#29
Cyclohexane
Concen: 26.418 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

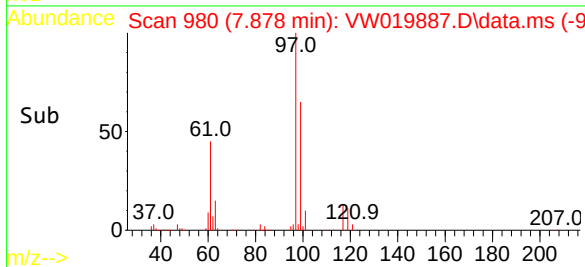
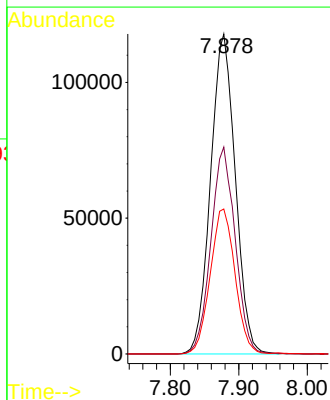
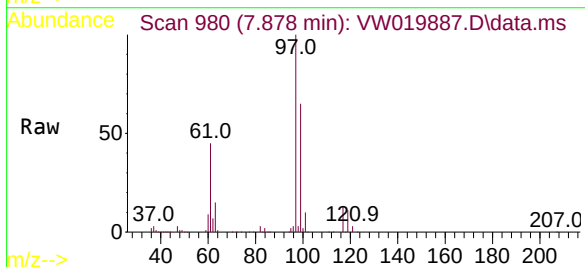
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

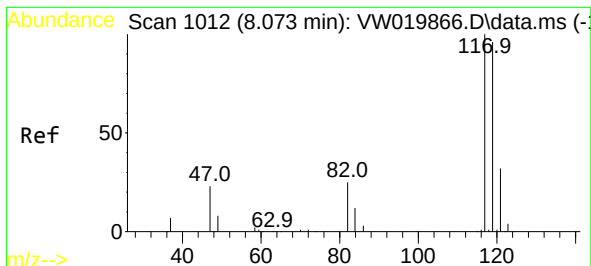
Tgt Ion: 56 Resp: 314424
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 91.6 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 26.052 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 97 Resp: 295090
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 45.5 37.8 56.6

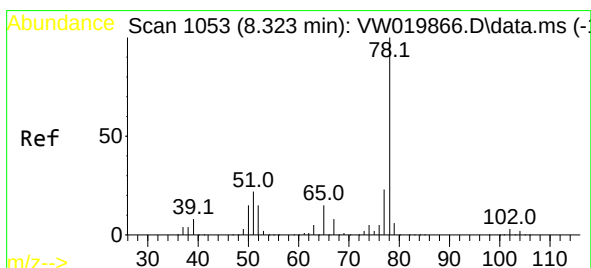
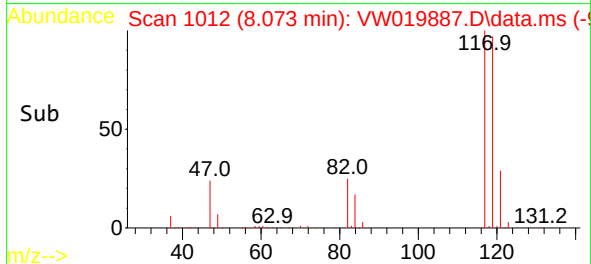
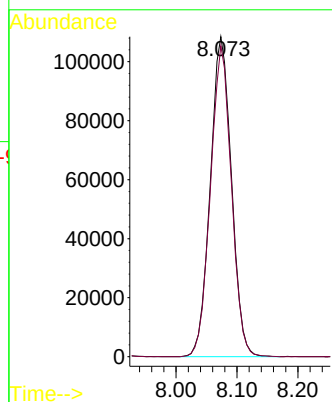
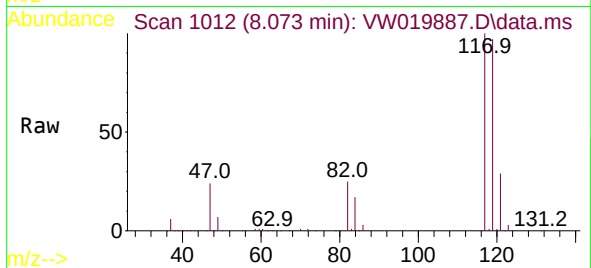




#31
Carbon tetrachloride
Concen: 24.796 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

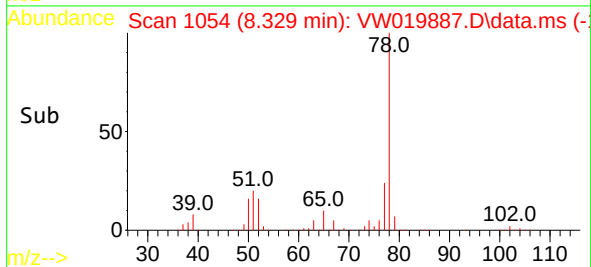
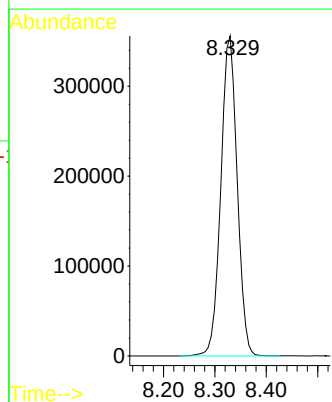
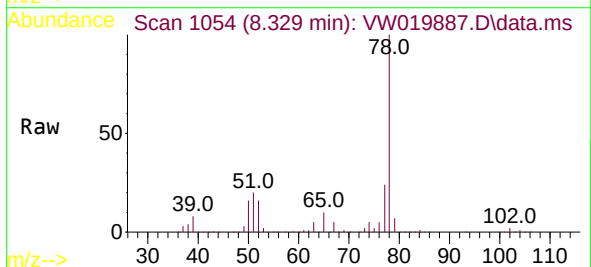
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

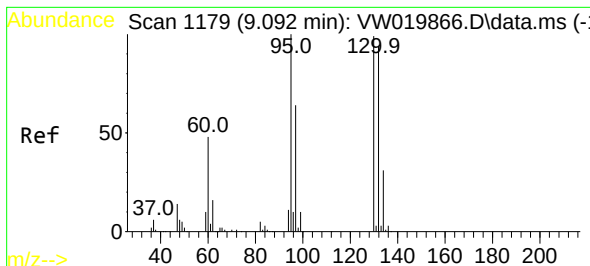
Tgt Ion:117 Resp: 261822
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7



#33
Benzene
Concen: 25.264 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 78 Resp: 785848





#34

Trichloroethene

Concen: 25.500 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW019887.D

Acq: 24 Aug 2021 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

Tgt Ion: 95 Resp: 206205

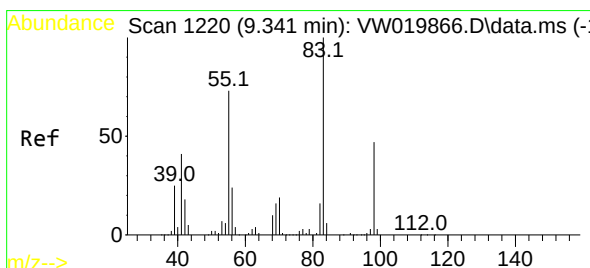
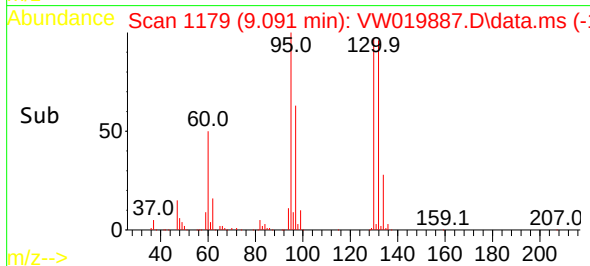
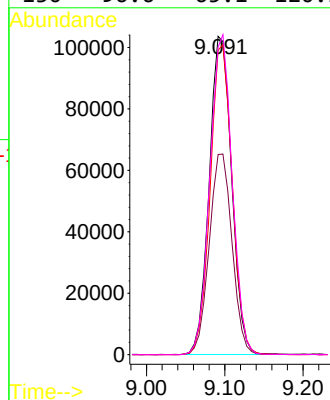
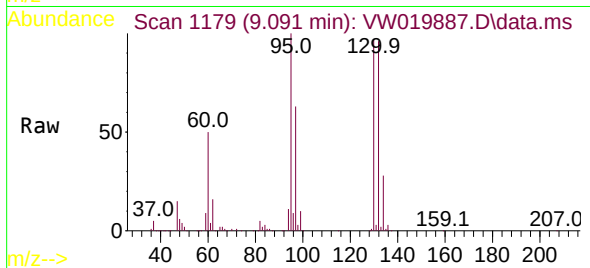
Ion Ratio Lower Upper

95 100

97 62.9 47.3 87.8

132 95.6 71.0 131.8

130 96.6 65.1 120.9



#35

Methylcyclohexane

Concen: 26.415 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW019887.D

Acq: 24 Aug 2021 20:05

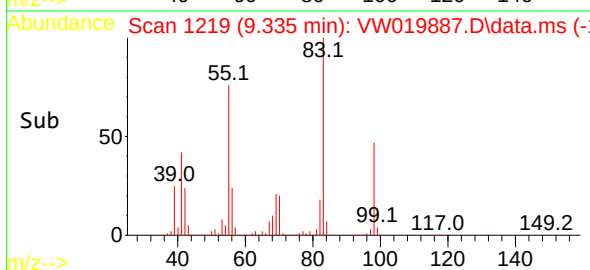
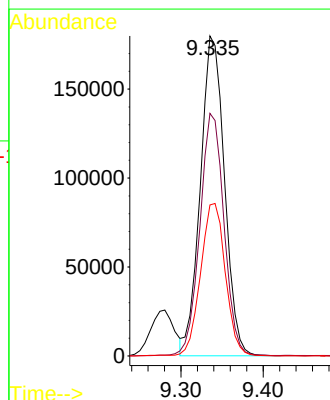
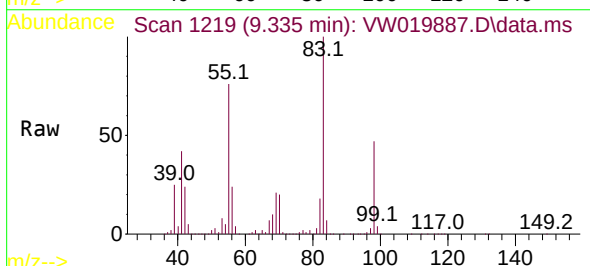
Tgt Ion: 83 Resp: 366385

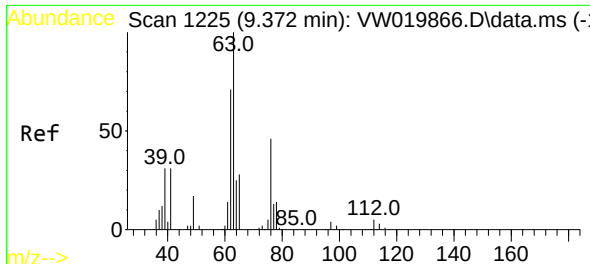
Ion Ratio Lower Upper

83 100

55 75.9 58.9 88.3

98 49.0 40.1 60.1

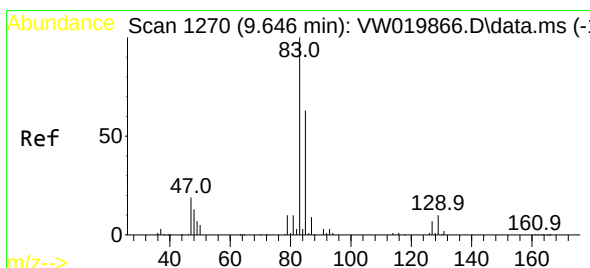
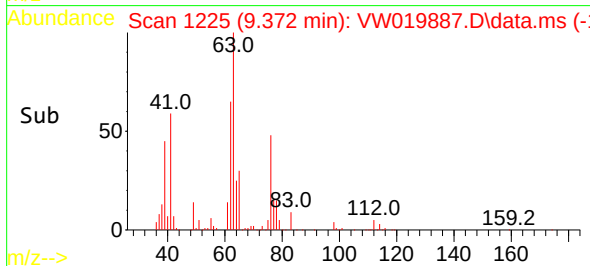
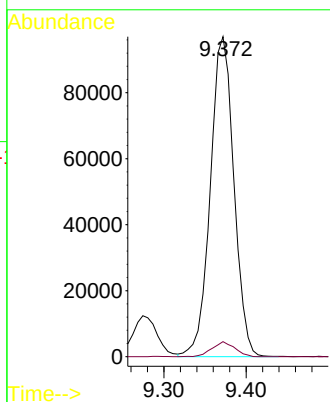
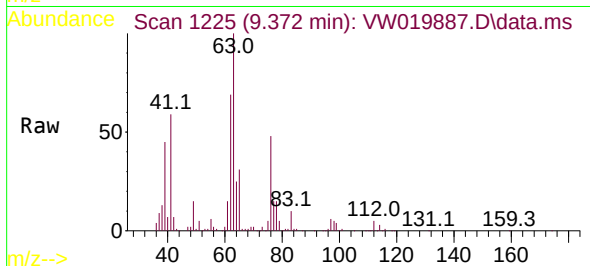




#37
1,2-Dichloropropane
Concen: 25.092 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

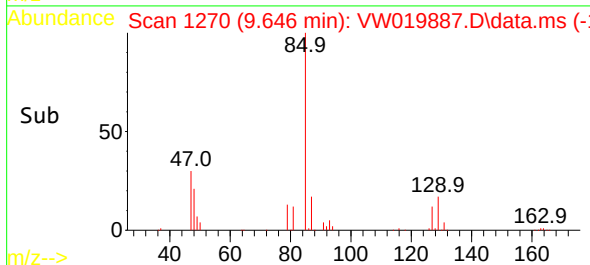
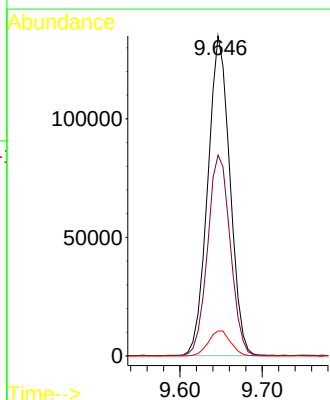
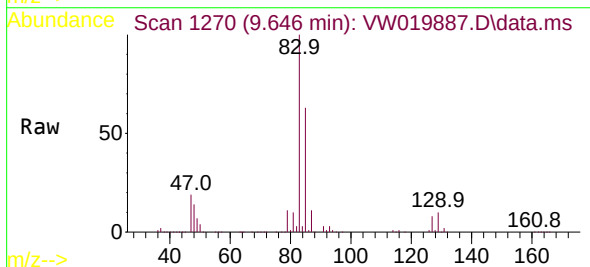
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

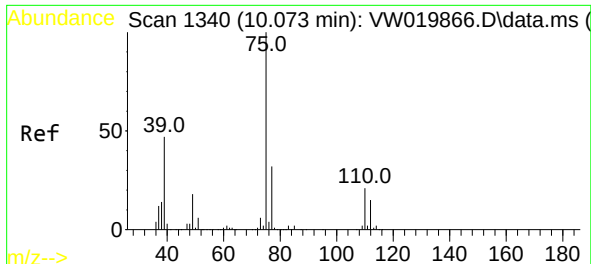
Tgt Ion: 63 Resp: 193302
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 25.268 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 83 Resp: 252169
Ion Ratio Lower Upper
83 100
85 62.7 42.3 78.5
127 7.8 6.6 9.8

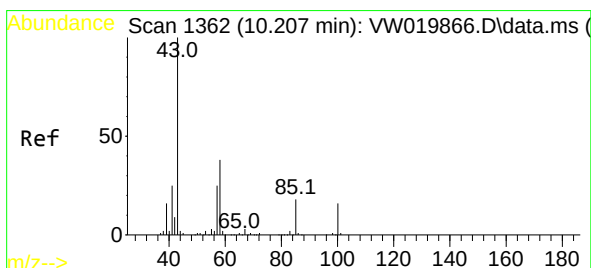
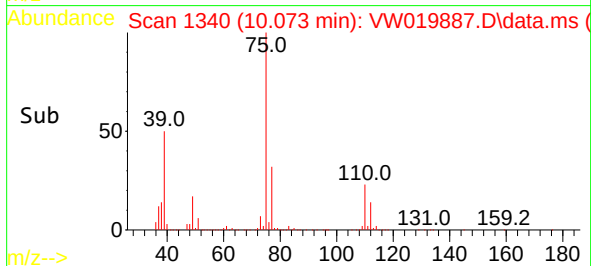
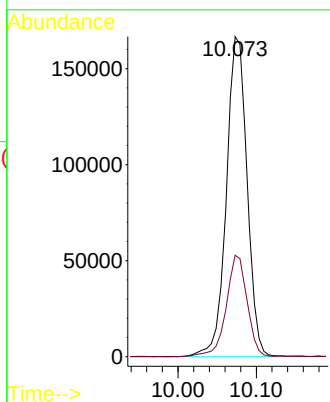
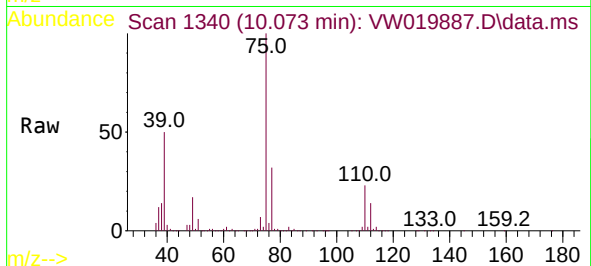




#39
cis-1,3-Dichloropropene
Concen: 27.001 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

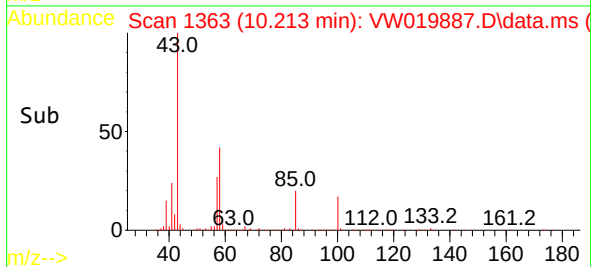
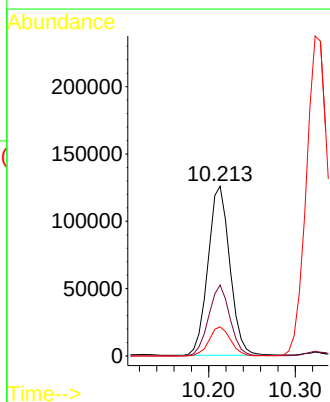
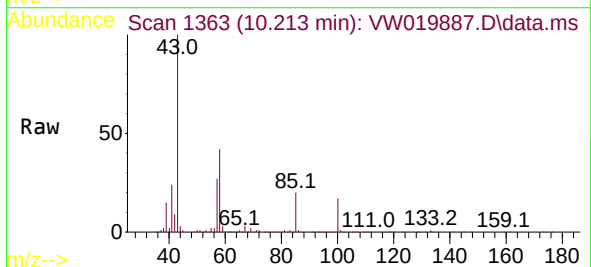
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

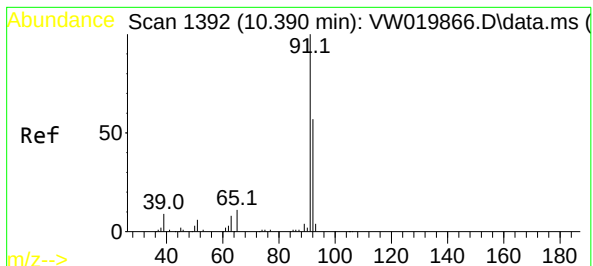
Tgt Ion: 75 Resp: 306314
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 53.686 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 43 Resp: 219922
Ion Ratio Lower Upper
43 100
58 41.1 31.0 46.4
100 16.9 13.0 19.6





#42

Toluene

Concen: 25.783 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019887.D

Acq: 24 Aug 2021 20:05

Instrument :

MSVOA_W

ClientSampleId :

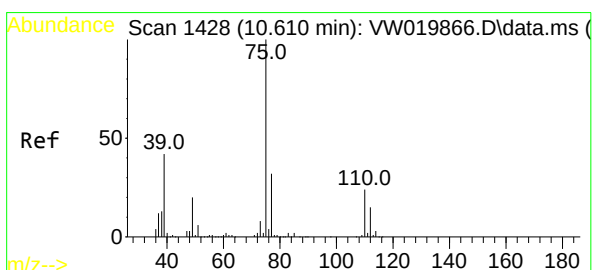
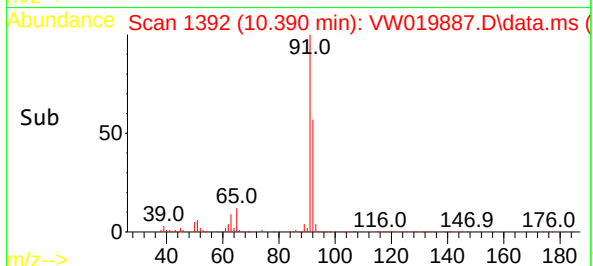
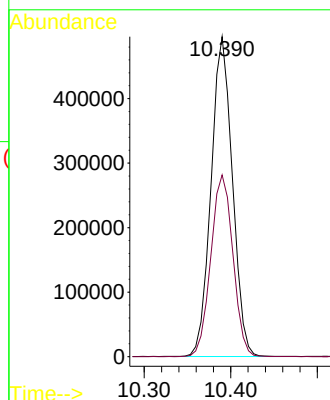
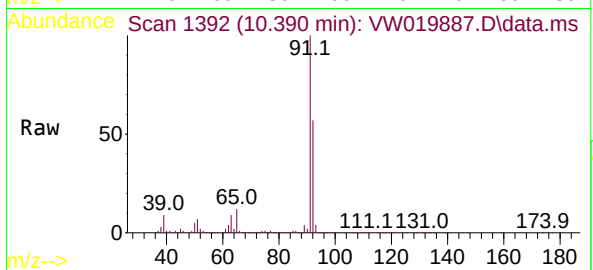
VSTD025522

Tgt Ion: 91 Resp: 849552

Ion Ratio Lower Upper

91 100

92 56.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 26.715 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW019887.D

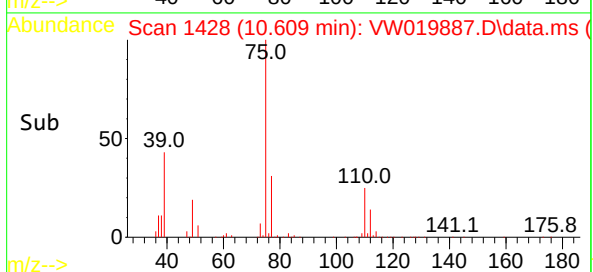
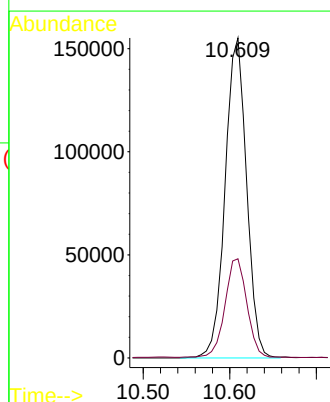
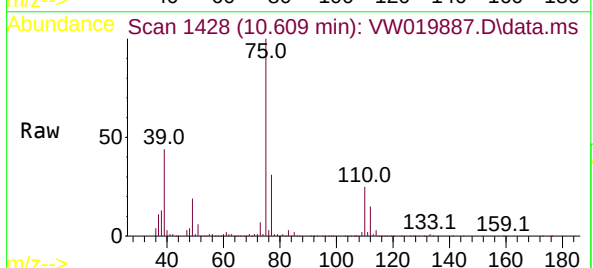
Acq: 24 Aug 2021 20:05

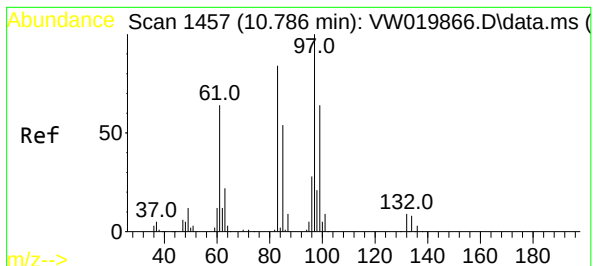
Tgt Ion: 75 Resp: 266768

Ion Ratio Lower Upper

75 100

77 31.0 21.1 39.1



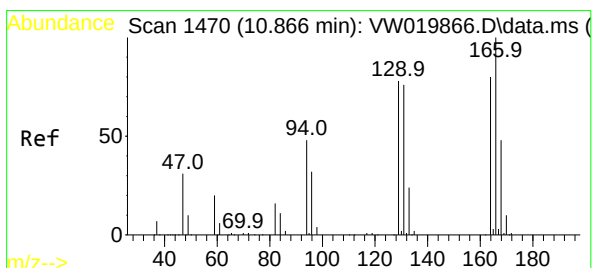
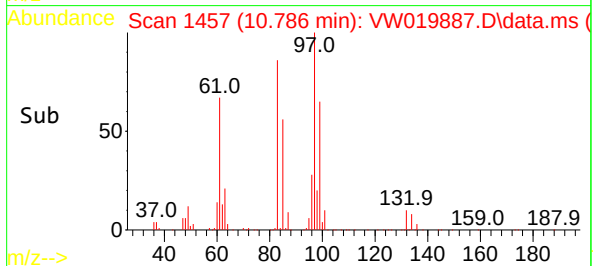
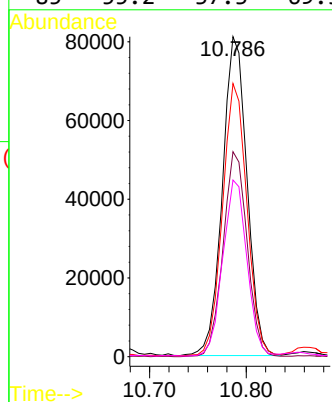
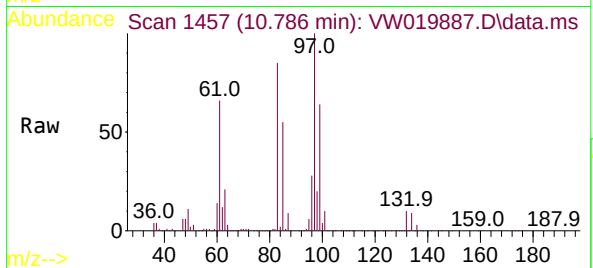


#45
1,1,2-Trichloroethane
Concen: 25.600 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Tgt Ion: 97 Resp: 142778

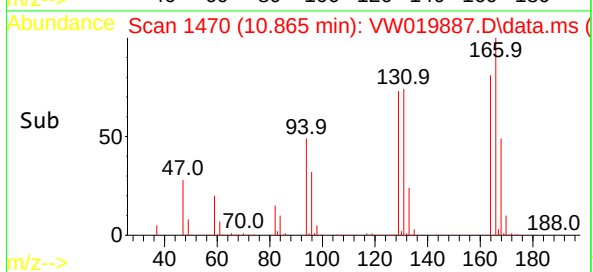
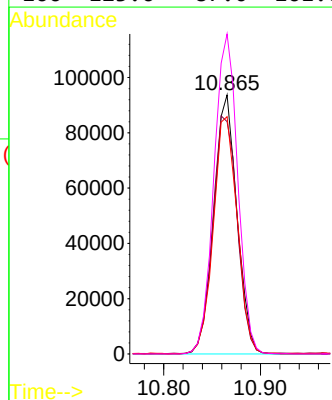
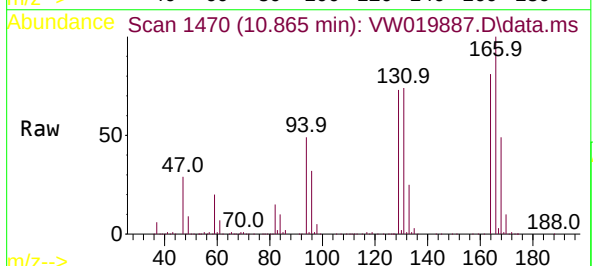
Ion	Ratio	Lower	Upper
97	100		
99	64.1	45.1	83.7
83	85.4	58.1	107.9
85	55.2	37.3	69.3

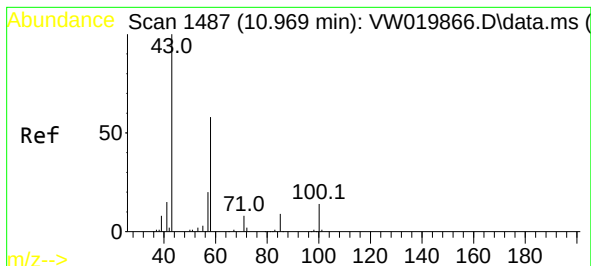


#46
Tetrachloroethene
Concen: 25.461 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 164 Resp: 155958

Ion	Ratio	Lower	Upper
164	100		
129	89.7	66.7	123.9
131	91.6	61.1	113.5
166	123.6	87.0	161.6



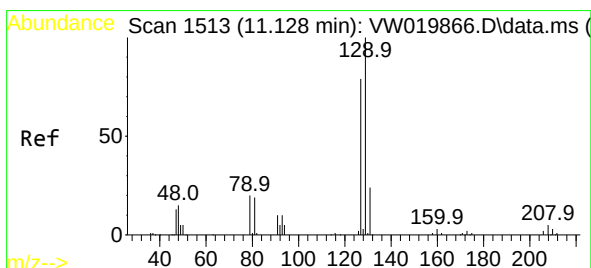
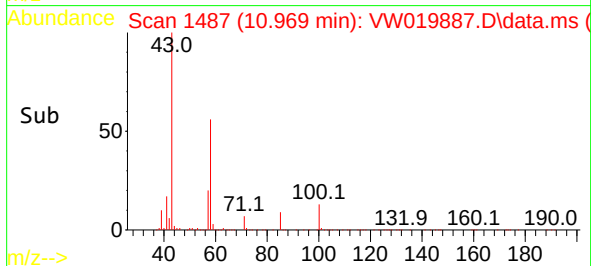
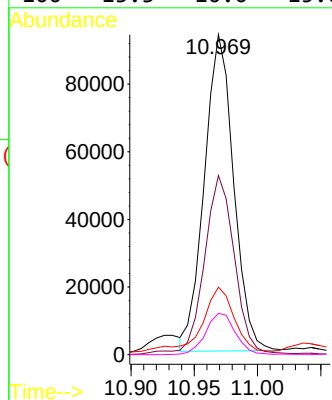
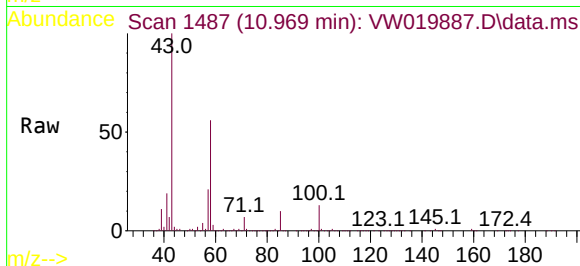


#48
2-Hexanone
Concen: 52.877 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Instrument :
MSVOA_W
ClientSampled :
VSTD025522

Tgt Ion: 43 Resp: 150784

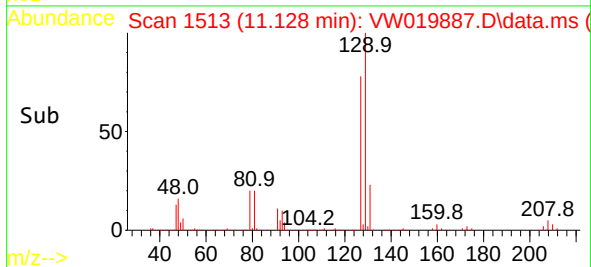
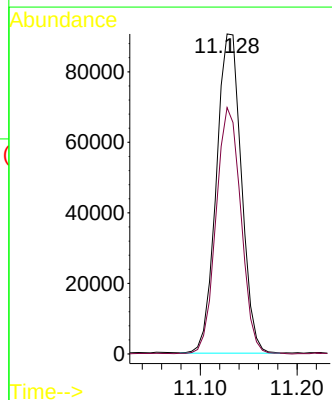
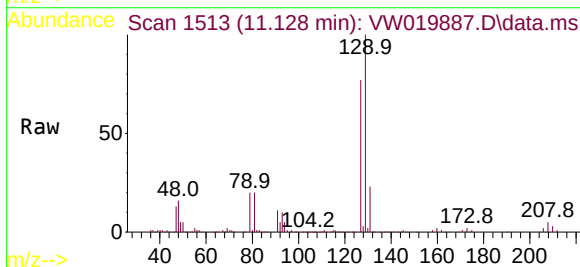
Ion	Ratio	Lower	Upper
43	100		
58	57.5	42.7	64.1
57	20.6	15.8	23.8
100	13.3	10.0	15.0

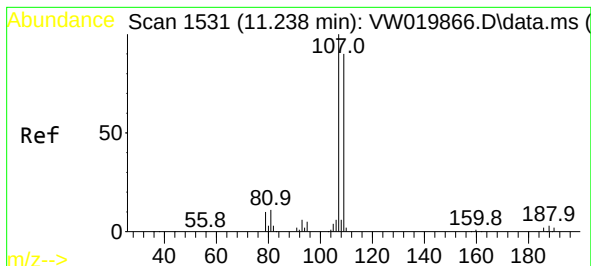


#49
Dibromochloromethane
Concen: 25.524 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 129 Resp: 162840

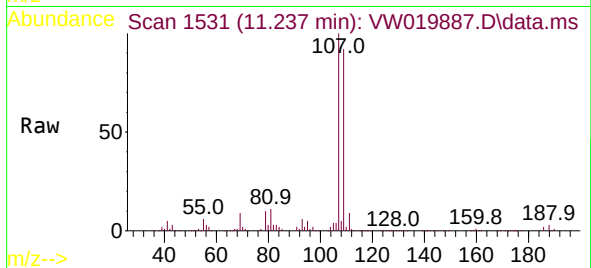
Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.7	95.9



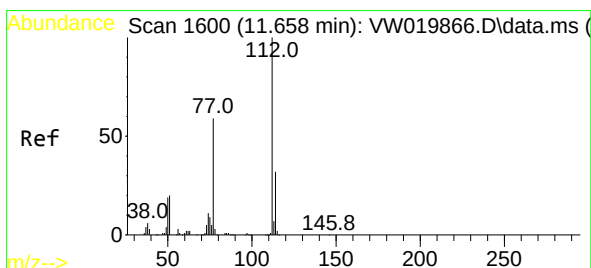
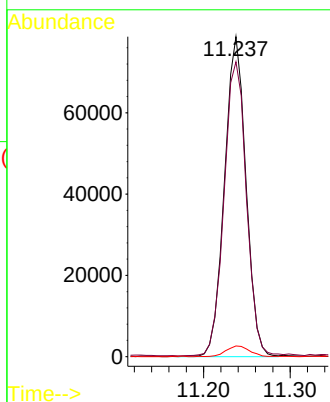
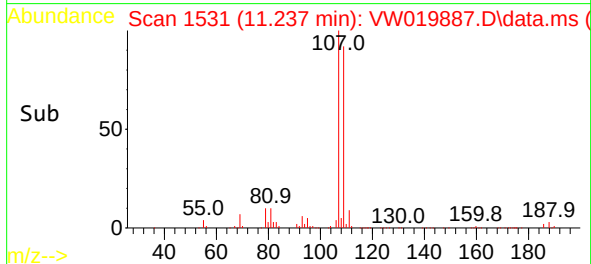


#50
1,2-Dibromoethane
Concen: 25.932 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

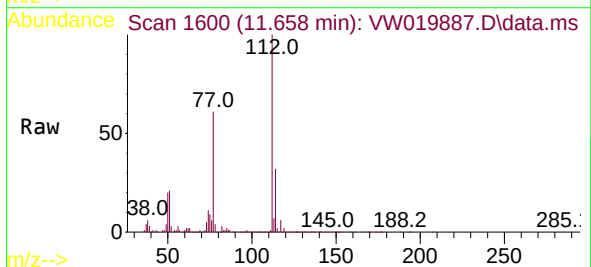
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522



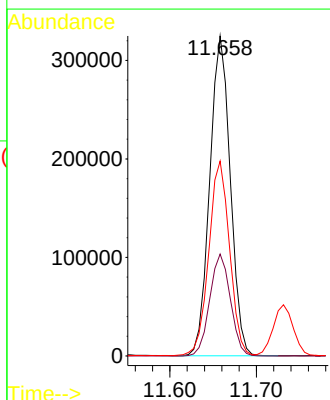
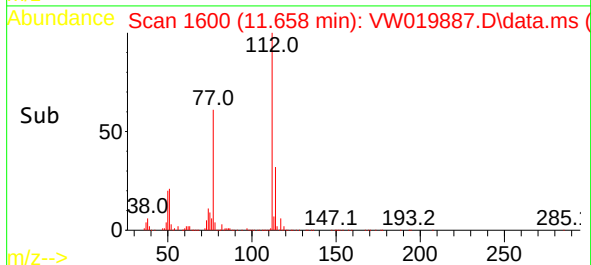
Tgt Ion:107 Resp: 135842
Ion Ratio Lower Upper
107 100
109 92.1 65.4 121.4
188 3.4 2.6 4.0

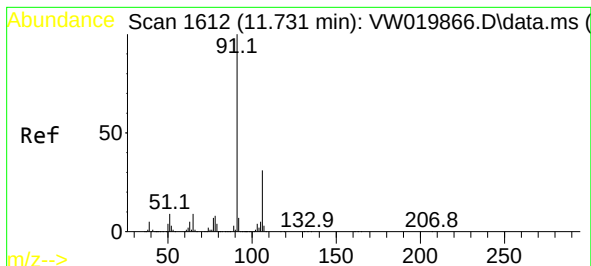


#51
Chlorobenzene
Concen: 25.543 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05



Tgt Ion:112 Resp: 534553
Ion Ratio Lower Upper
112 100
114 31.9 23.4 43.6
77 60.9 47.6 71.4

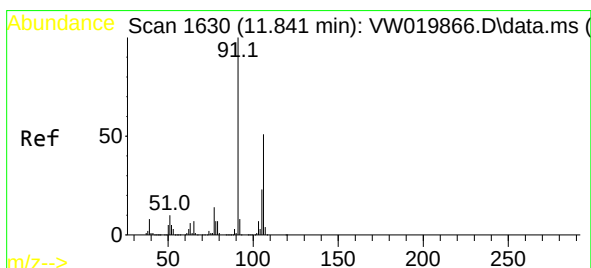
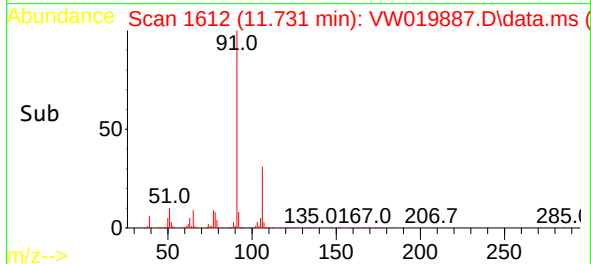
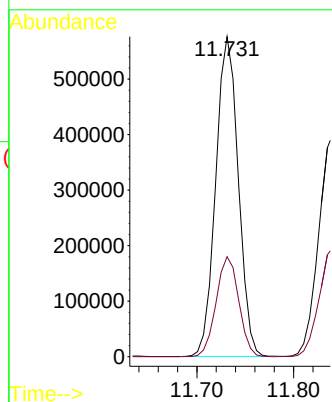
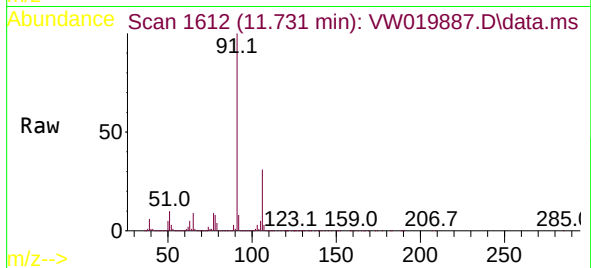




#52
Ethylbenzene
Concen: 26.308 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

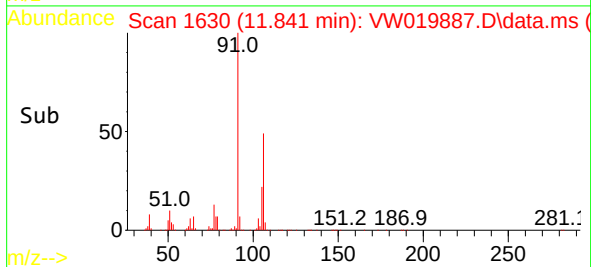
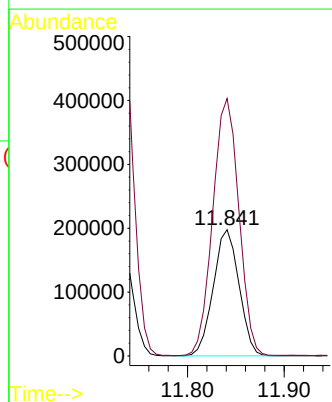
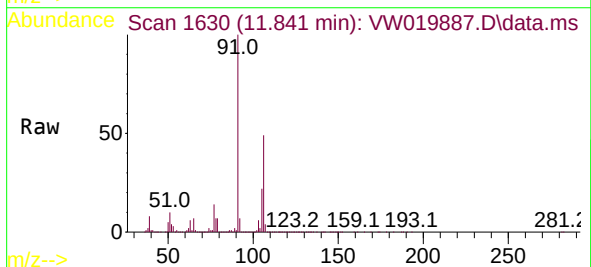
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

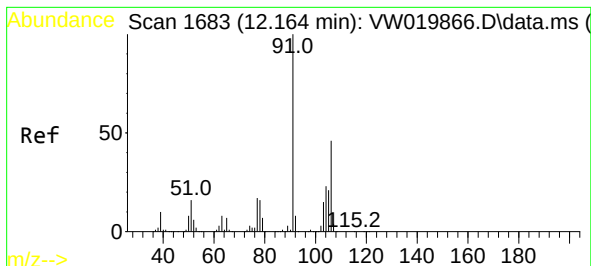
Tgt Ion: 91 Resp: 933269
Ion Ratio Lower Upper
91 100
106 31.3 22.5 41.7



#53
m,p-Xylene
Concen: 26.786 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:106 Resp: 364903
Ion Ratio Lower Upper
106 100
91 203.8 141.3 262.3

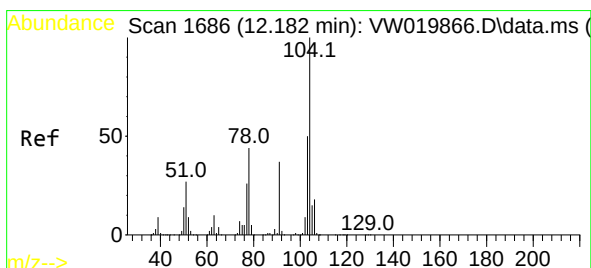
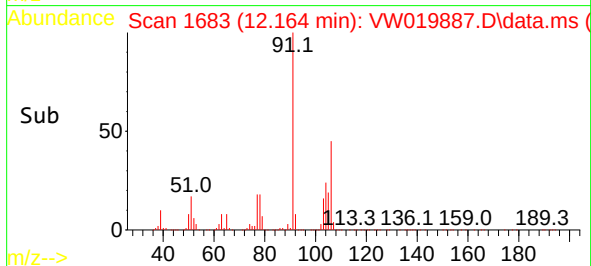
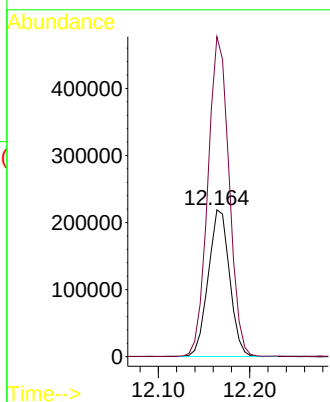
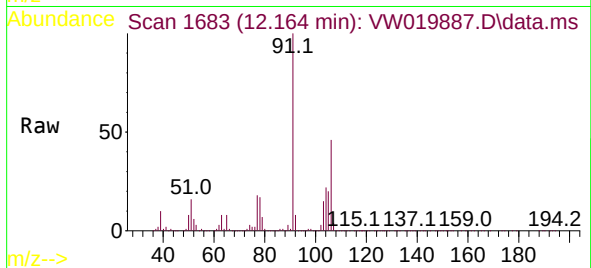




#54
o-Xylene
Concen: 27.516 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

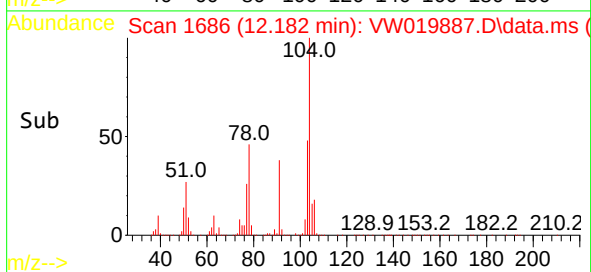
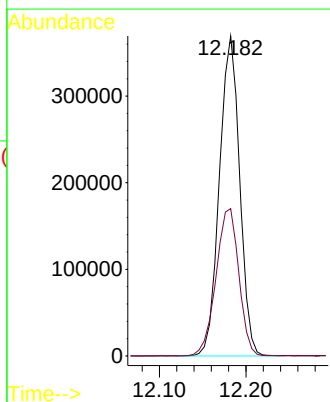
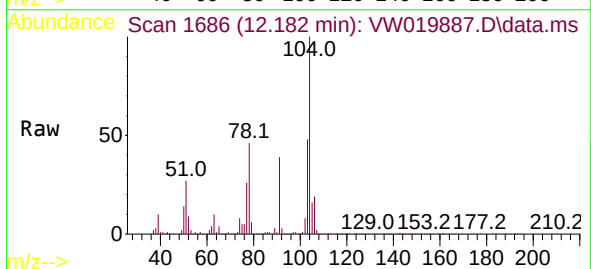
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

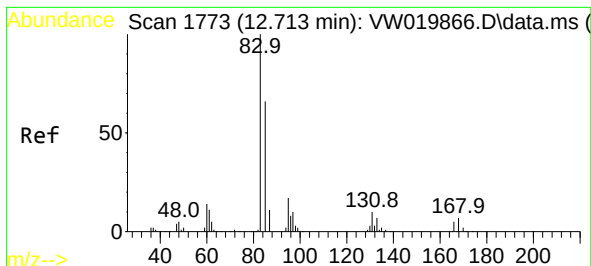
Tgt Ion:106 Resp: 354587
Ion Ratio Lower Upper
106 100
91 217.9 150.0 278.6



#55
Styrene
Concen: 27.221 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:104 Resp: 599395
Ion Ratio Lower Upper
104 100
78 46.1 32.5 60.3

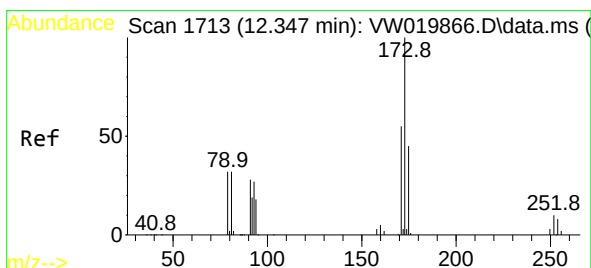
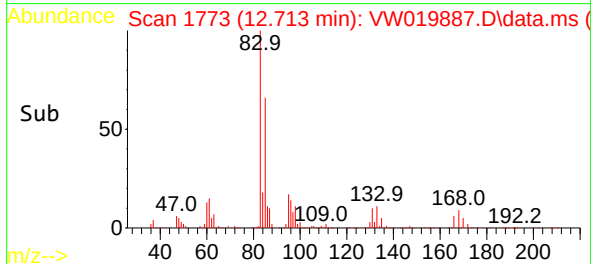
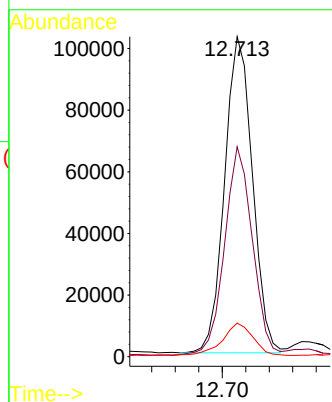
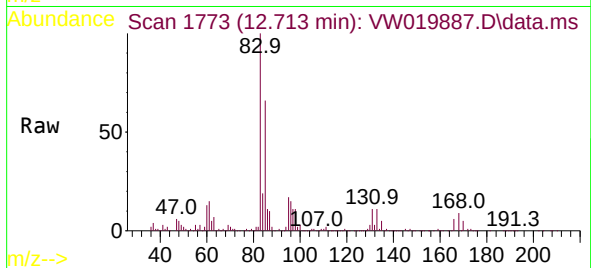




#57
1,1,2,2-Tetrachloroethane
Concen: 24.664 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

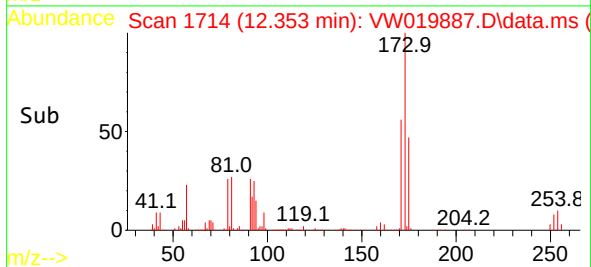
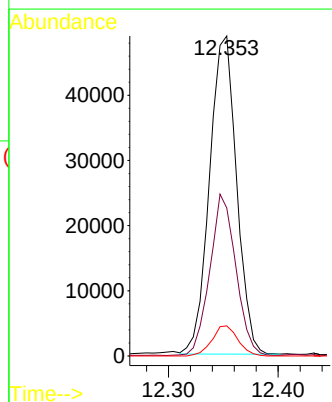
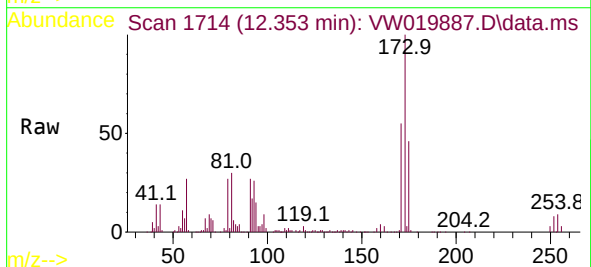
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

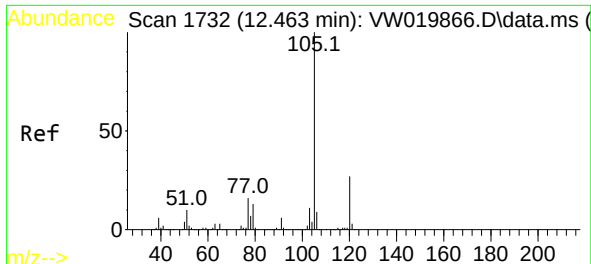
Tgt Ion: 83 Resp: 168686
Ion Ratio Lower Upper
83 100
85 65.6 44.4 82.4
131 10.5 8.2 12.4



#59
Bromoform
Concen: 24.911 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:173 Resp: 83938
Ion Ratio Lower Upper
173 100
175 48.8 37.5 56.3
254 9.1 7.0 10.4

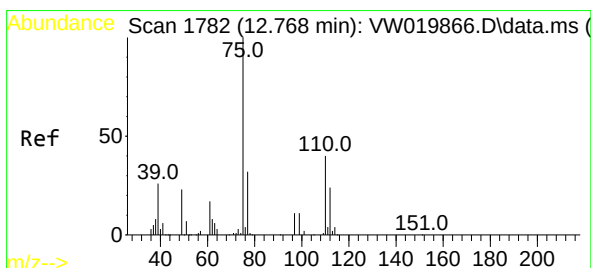
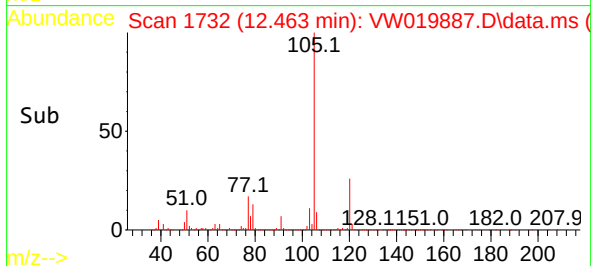
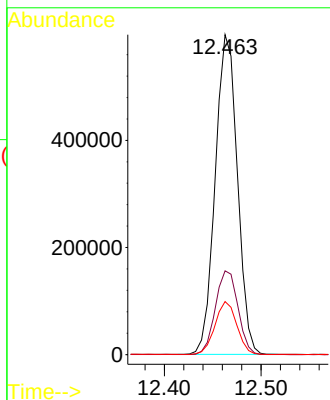
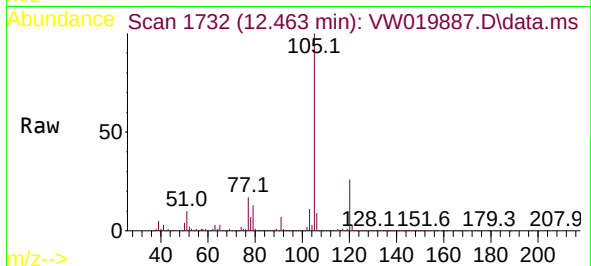




#60
Isopropylbenzene
Concen: 27.563 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

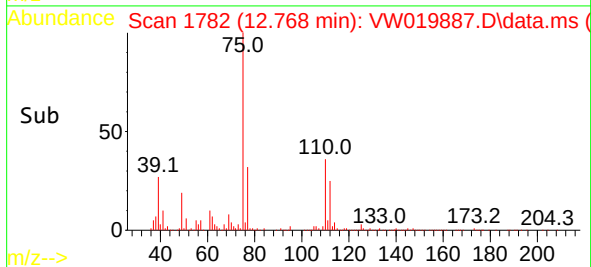
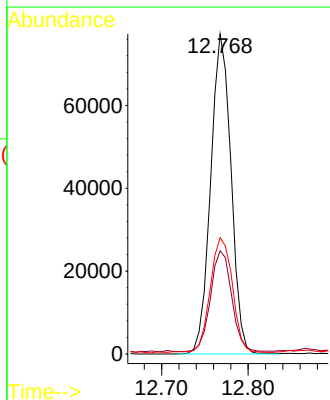
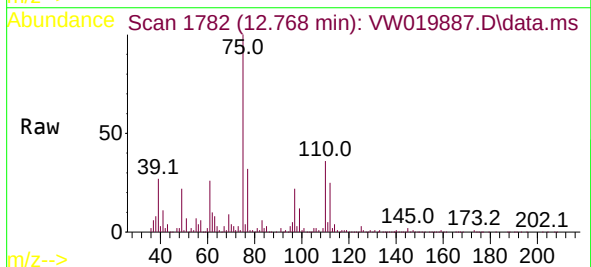
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

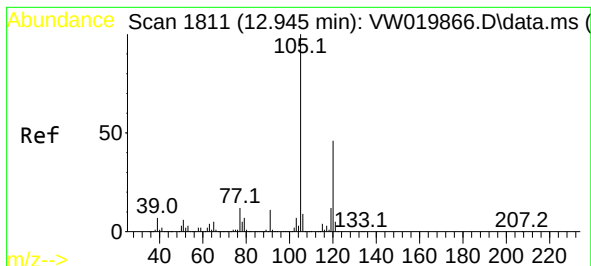
Tgt Ion:105 Resp: 947823
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.336 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 75 Resp: 126068
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 39.1 32.6 48.8

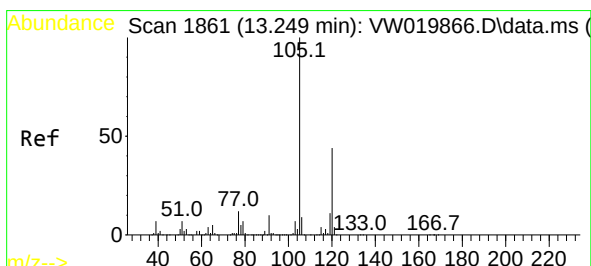
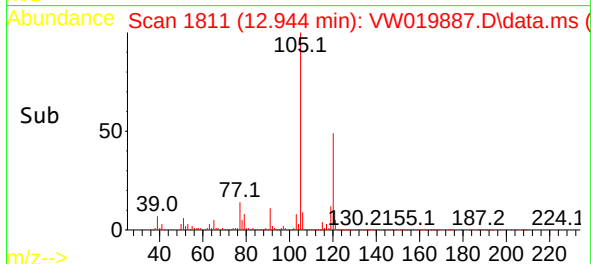
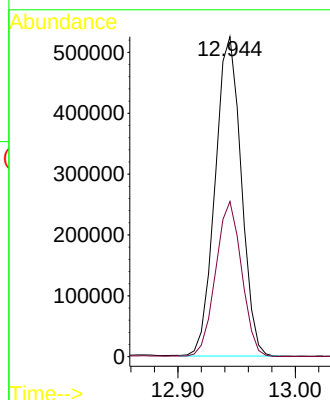
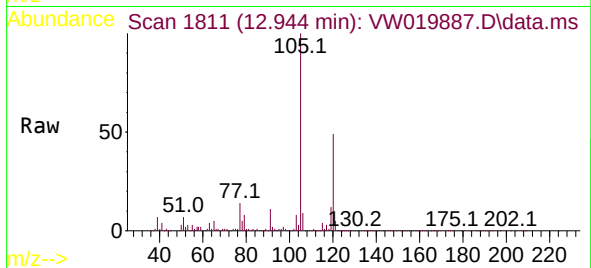




#62
1,3,5-Trimethylbenzene
Concen: 29.510 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

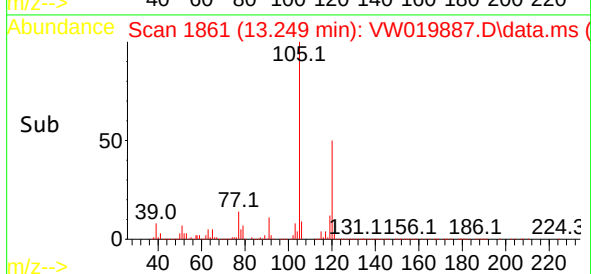
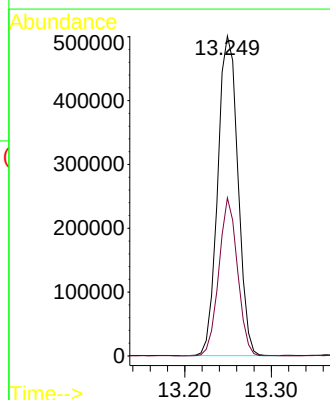
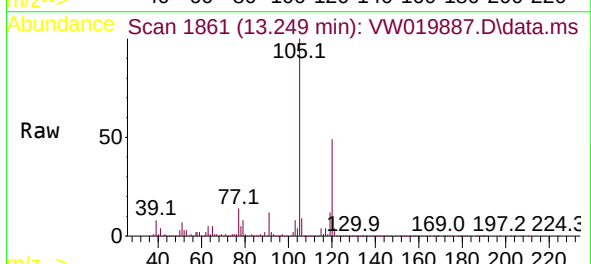
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

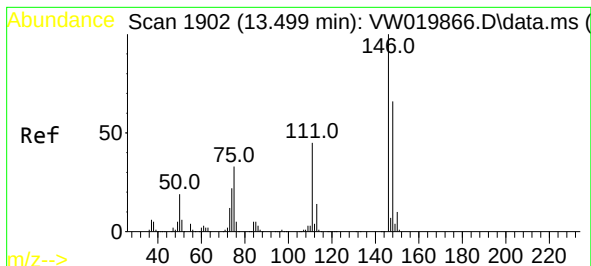
Tgt Ion:105 Resp: 809953
Ion Ratio Lower Upper
105 100
120 48.3 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 29.105 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:105 Resp: 809717
Ion Ratio Lower Upper
105 100
120 45.5 35.6 53.4

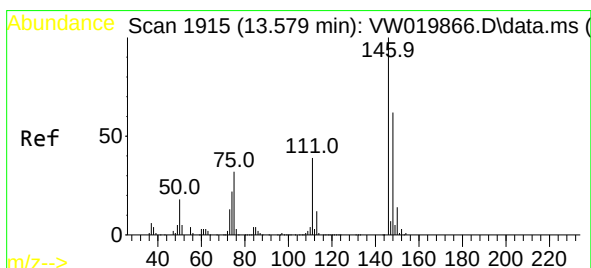
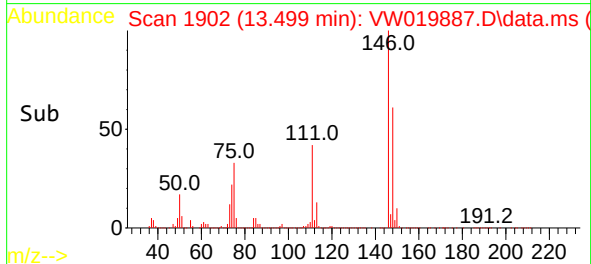
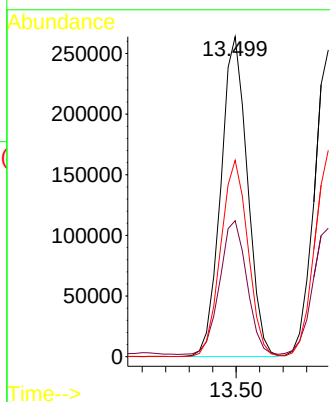
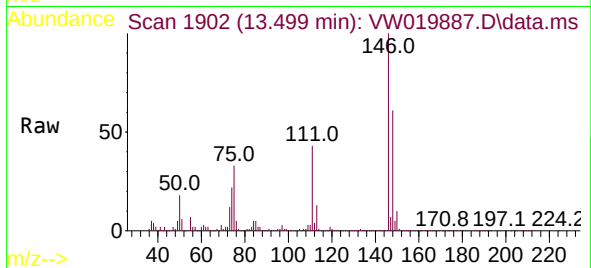




#64
1,3-Dichlorobenzene
Concen: 27.112 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

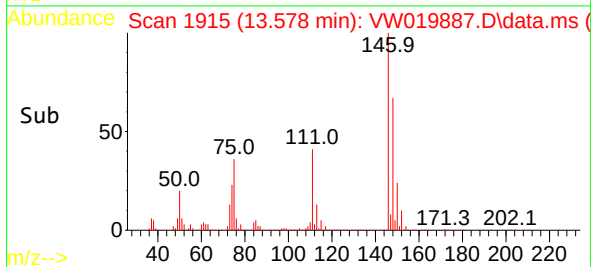
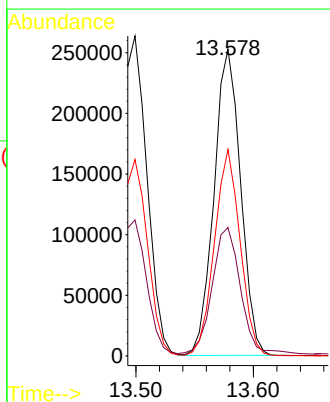
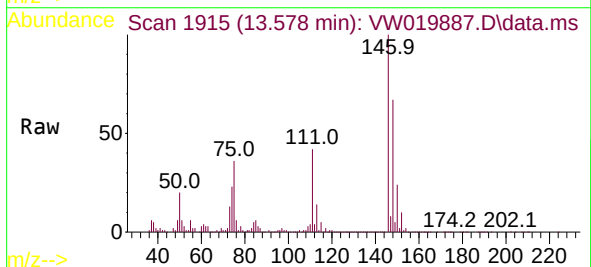
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

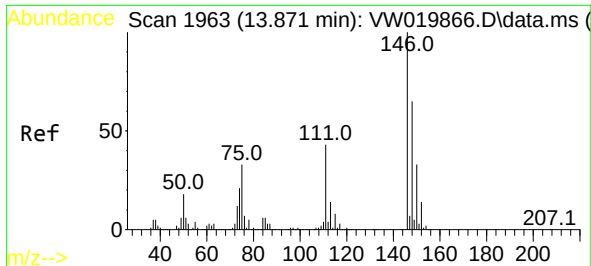
Tgt Ion:146 Resp: 415654
Ion Ratio Lower Upper
146 100
111 42.5 26.7 49.7
148 61.4 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.244 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:146 Resp: 397813
Ion Ratio Lower Upper
146 100
111 41.9 28.8 53.4
148 67.3 46.8 87.0

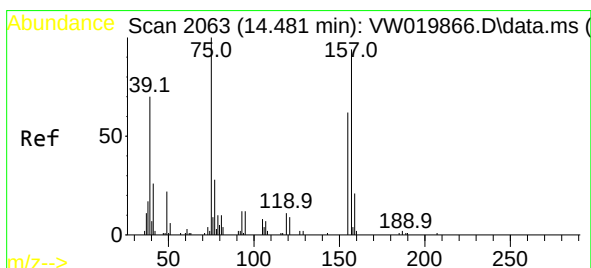
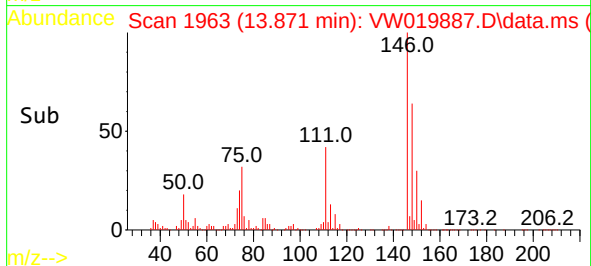
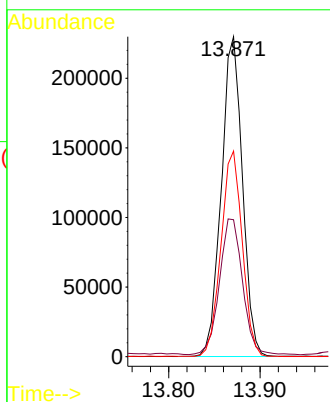
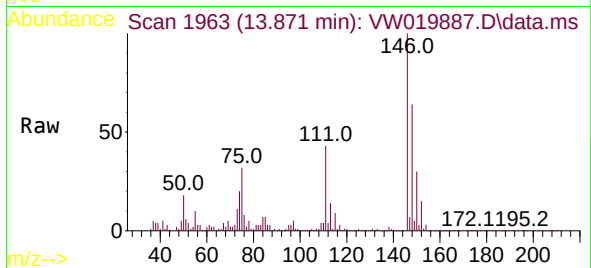




#67
1,2-Dichlorobenzene
Concen: 26.454 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

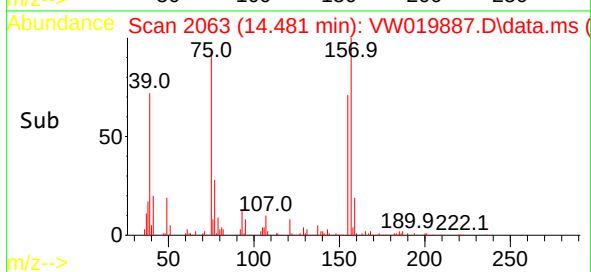
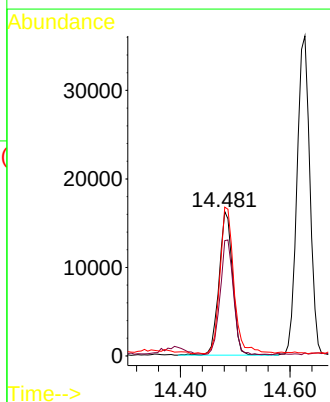
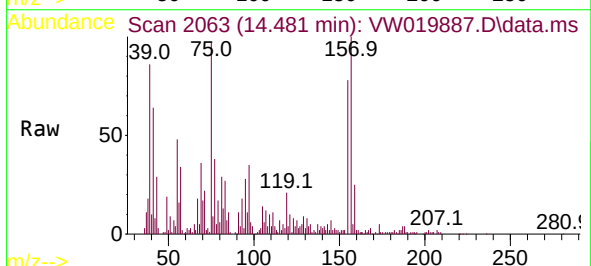
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

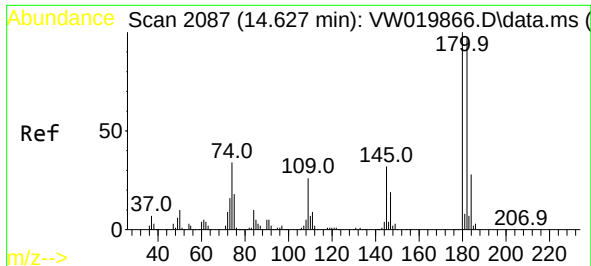
Tgt Ion:146 Resp: 368301
Ion Ratio Lower Upper
146 100
111 42.8 33.2 49.8
148 64.2 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.897 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion: 75 Resp: 28091
Ion Ratio Lower Upper
75 100
155 79.9 59.4 89.0
157 103.1 72.2 108.2

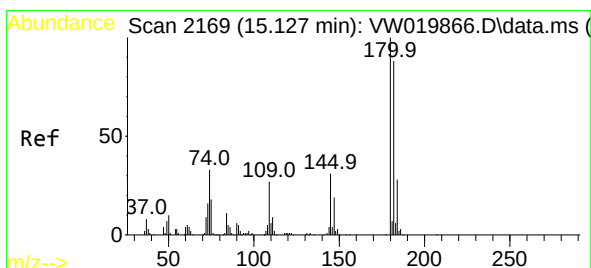
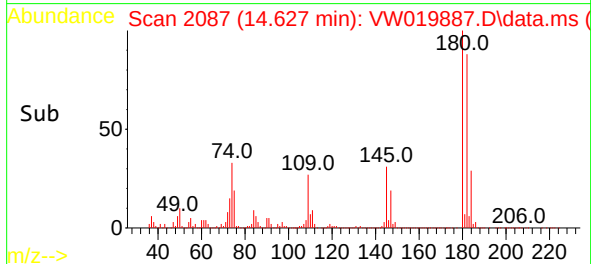
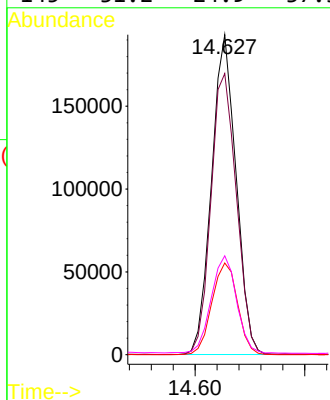
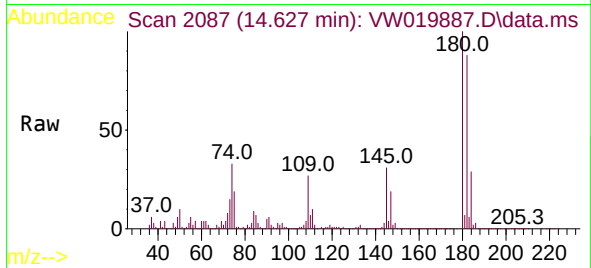




#69
1,3,5-Trichlorobenzene
Concen: 28.380 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

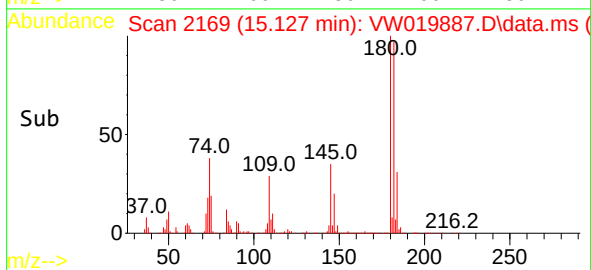
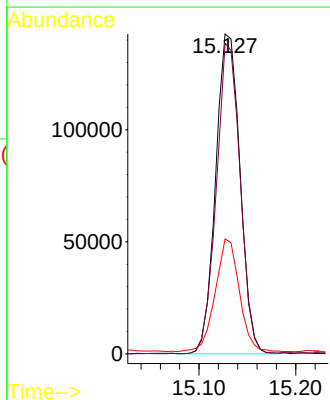
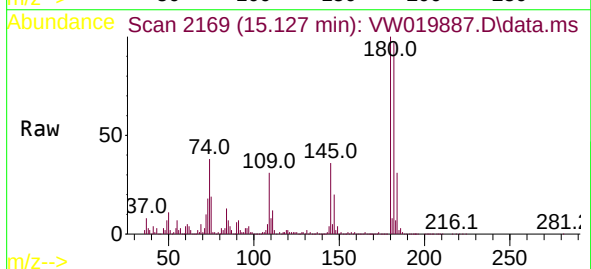
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

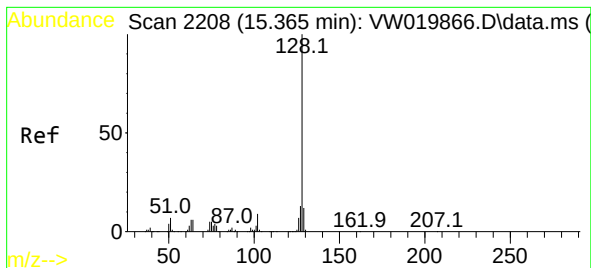
Tgt Ion:	180	Resp:	299799
Ion	Ratio	Lower	Upper
180	100		
182	91.3	73.4	110.2
184	30.1	23.6	35.4
145	31.2	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 30.731 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:	180	Resp:	249445
Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.7	112.1
145	34.8	25.0	37.4

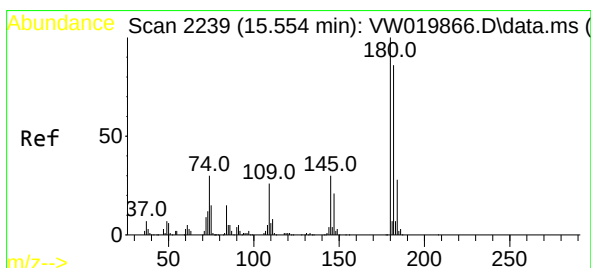
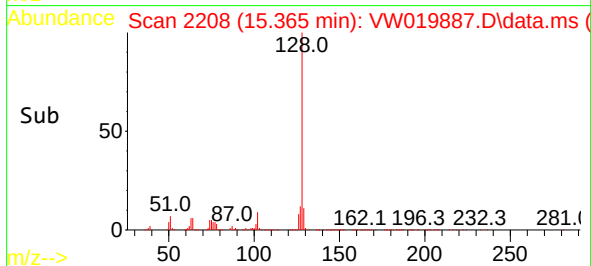
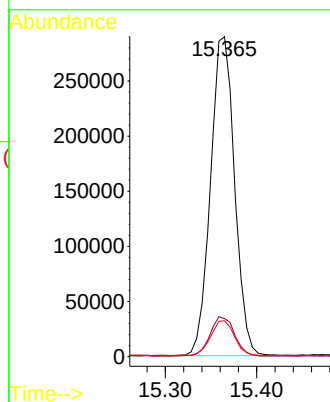
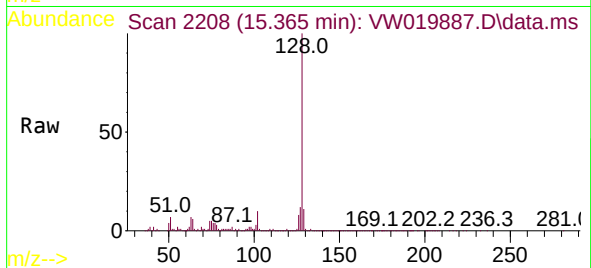




#71
Naphthalene
Concen: 32.671 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Tgt Ion:128 Resp: 528913
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 28.511 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019887.D
Acq: 24 Aug 2021 20:05

Tgt Ion:180 Resp: 214298
Ion Ratio Lower Upper
180 100
182 96.5 76.7 115.1
145 38.4 28.9 43.3

