

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018612.D
 Acq On : 09 Apr 2021 10:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025112

Quant Time: Apr 17 03:04:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408567	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122056	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.16%
7) Chloroethane-d5	2.892	69	111546	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
11) 1,1-Dichloroethene-d2	4.026	63	215638	19.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.44%
21) 2-Butanone-d5	7.074	46	67848	45.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.88%
24) Chloroform-d	7.647	84	253784	21.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	8.305	65	145186	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.52%
32) Benzene-d6	8.275	84	449009	20.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.84%
36) 1,2-Dichloropropane-d6	9.275	67	139007	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.08%
41) Toluene-d8	10.323	98	431619	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
43) trans-1,3-Dichloroprop...	10.579	79	64885	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.48%
47) 2-Hexanone-d5	10.921	63	55762	45.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.26%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	137043	22.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.84%
66) 1,2-Dichlorobenzene-d4	13.853	152	167996	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	112242	22.57	ug/L	97
3) Chloromethane	2.215	50	148647	23.90	ug/L	99
5) Vinyl chloride	2.367	62	220948	23.45	ug/L	97
6) Bromomethane	2.782	94	154062	23.07	ug/L	99
8) Chloroethane	2.928	64	138806	25.24	ug/L	98
9) Trichlorofluoromethane	3.263	101	112253	26.85	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	154965	25.90	ug/L	98
12) 1,1-Dichloroethene	4.044	96	148281	24.79	ug/L	86
13) Acetone	4.123	43	50735	48.18	ug/L	91
14) Carbon disulfide	4.385	76	430199	23.89	ug/L	100
15) Methyl Acetate	4.672	43	64647	24.37	ug/L #	72
16) Methylene chloride	4.916	84	159578	23.92	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	159846	24.66	ug/L	90
18) Methyl tert-butyl Ether	5.422	73	202727	24.59	ug/L	98
19) 1,1-Dichloroethane	6.214	63	282067	25.43	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	173216	25.44	ug/L	97
22) 2-Butanone	7.171	43	85921	50.74	ug/L	99
23) Bromochloromethane	7.513	128	81409	25.66	ug/L	93
25) Chloroform	7.677	83	305817	25.40	ug/L	99

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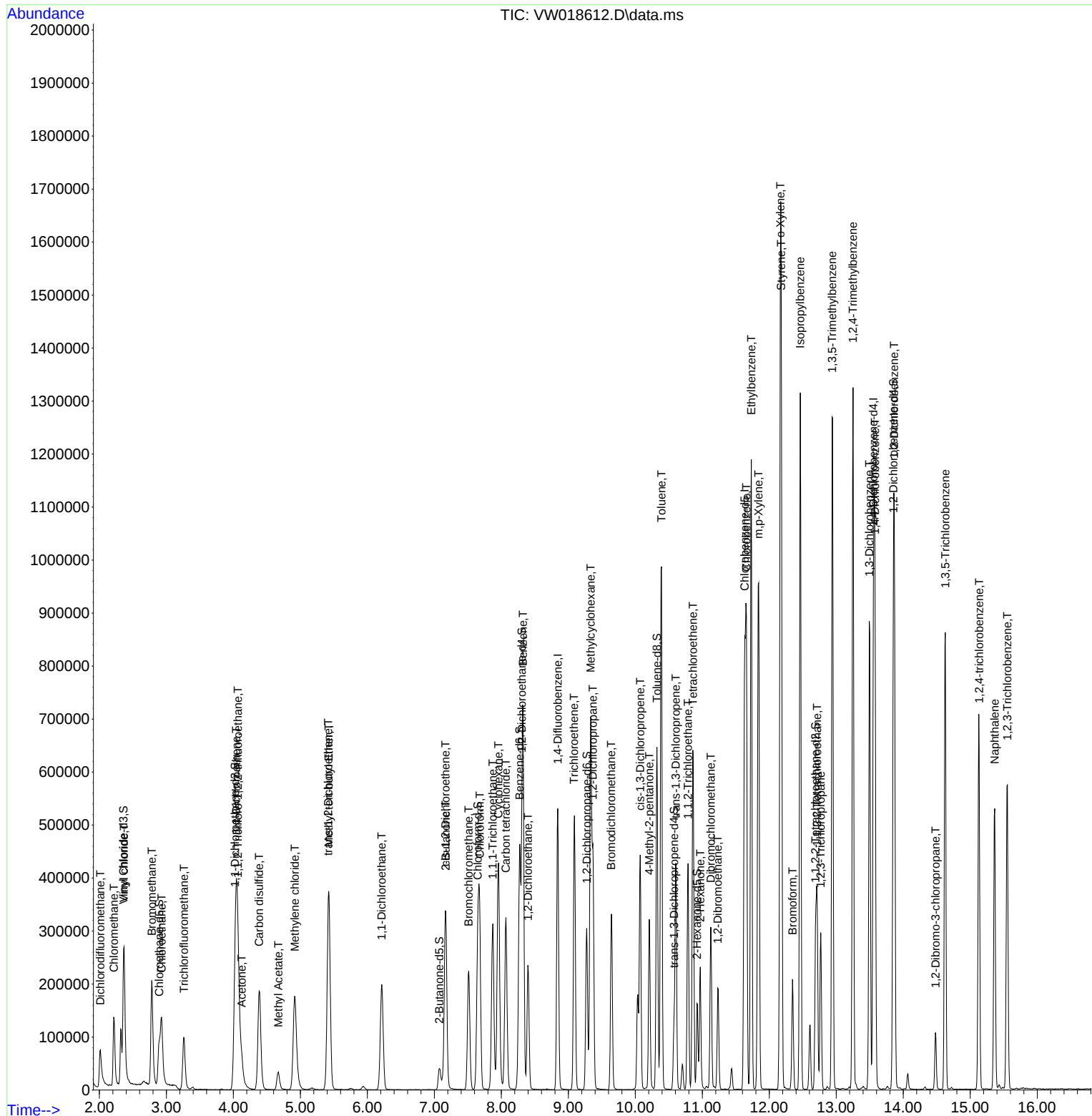
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	215296	25.02	ug/L	98
29) Cyclohexane	7.958	56	244077	25.82	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	252171	27.37	ug/L	98
31) Carbon tetrachloride	8.067	117	237482	27.13	ug/L	99
33) Benzene	8.324	78	647983	26.57	ug/L	100
34) Trichloroethene	9.086	95	179317	26.61	ug/L	90
35) Methylcyclohexane	9.336	83	294045	25.78	ug/L	98
37) 1,2-Dichloropropane	9.366	63	155903	26.75	ug/L	100
38) Bromodichloromethane	9.640	83	221843	26.49	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	256324	26.76	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	193295	50.82	ug/L	96
42) Toluene	10.390	91	737061	26.62	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	232862	26.16	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	129313	26.38	ug/L	99
46) Tetrachloroethene	10.860	164	135027	26.58	ug/L	86
48) 2-Hexanone	10.969	43	137780	50.86	ug/L	97
49) Dibromochloromethane	11.128	129	156504	27.14	ug/L	97
50) 1,2-Dibromoethane	11.232	107	128680	25.83	ug/L	94
51) Chlorobenzene	11.658	112	472910	26.62	ug/L	95
52) Ethylbenzene	11.731	91	822945	26.26	ug/L	100
53) m,p-Xylene	11.841	106	311916	26.77	ug/L	99
54) o-Xylene	12.164	106	300909	26.55	ug/L	99
55) Styrene	12.176	104	518261	26.66	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	160908	25.85	ug/L	99
59) Bromoform	12.347	173	85856	25.34	ug/L	97
60) Isopropylbenzene	12.463	105	825704	26.66	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	119619	25.55	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	692690	26.52	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	708674	26.87	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	345974	25.19	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	361727	25.80	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	328641	25.93	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	26385	23.42	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	253831	25.34	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	216532	25.65	ug/L	100
71) Naphthalene	15.365	128	450646	25.18	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	190245	25.13	ug/L	99

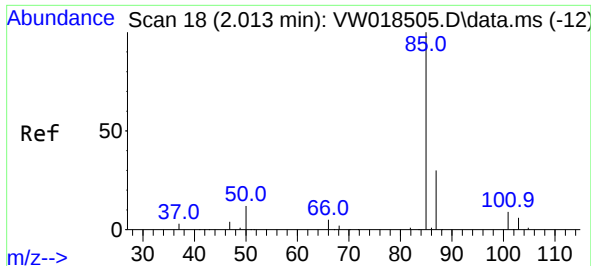
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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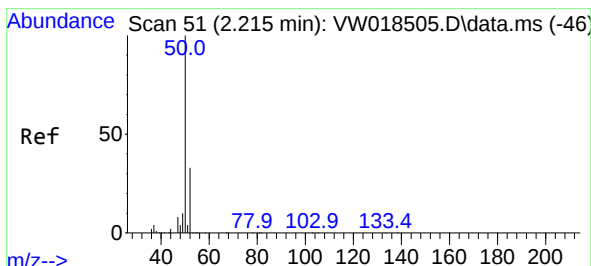
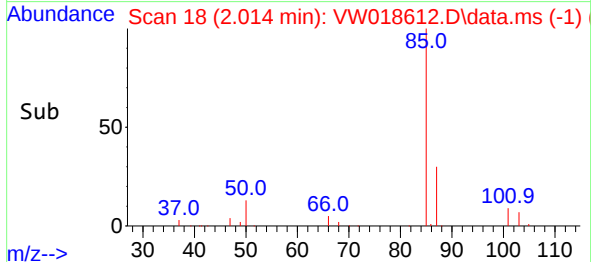
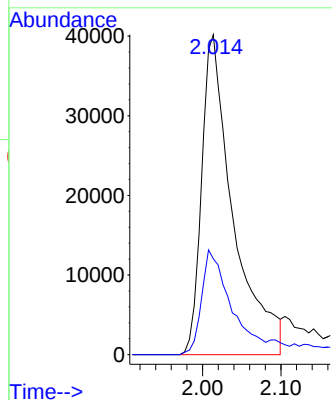
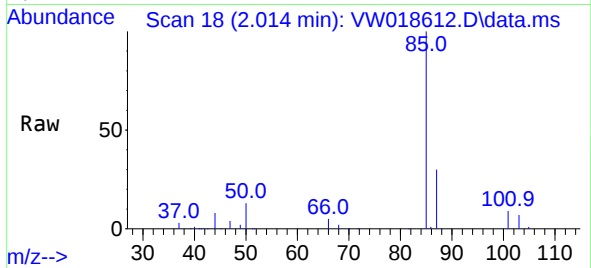




#2
Dichlorodifluoromethane
Concen: 22.57 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

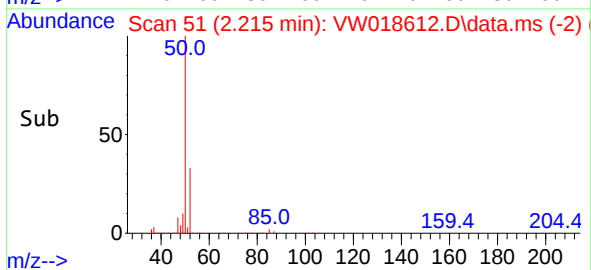
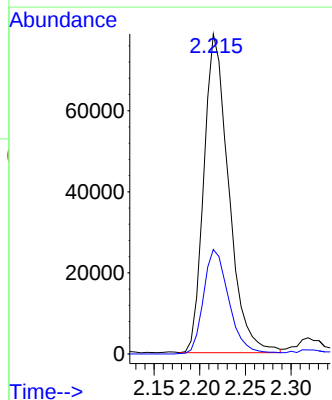
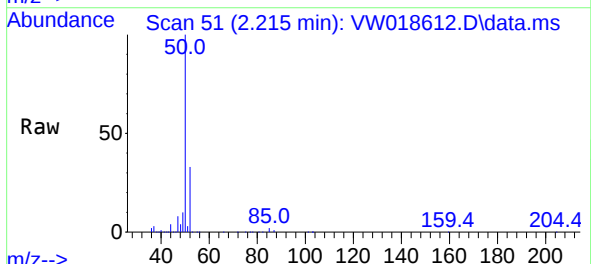
Instrument :
MSVOA_W
ClientSampleId :
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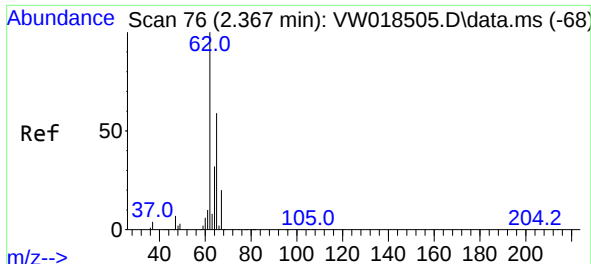
Tgt Ion: 85 Resp: 112242
Ion Ratio Lower Upper
85 100
87 30.7 23.3 34.9



#3
Chloromethane
Concen: 23.90 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 50 Resp: 148647
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

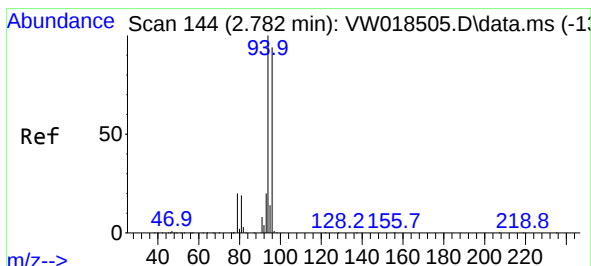
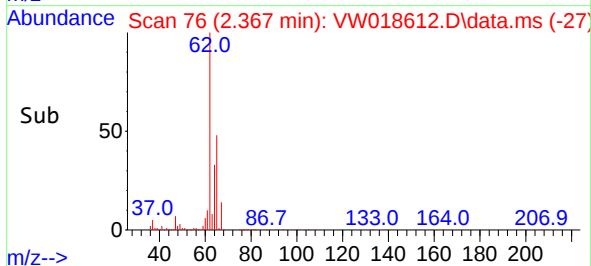
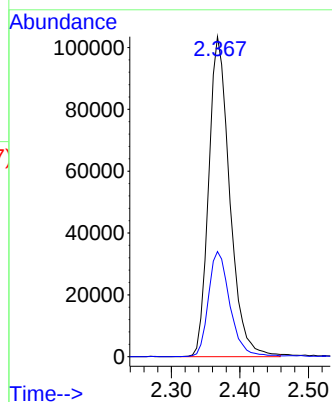
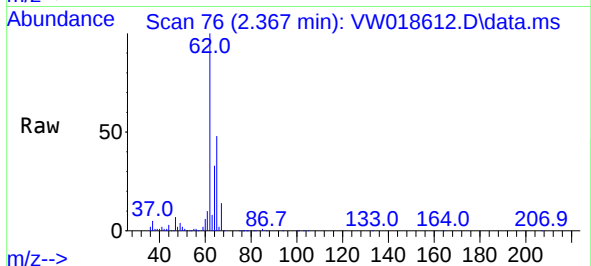




#5
 Vinyl chloride
 Concen: 23.45 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018612.D
 Acq: 09 Apr 2021 10:21

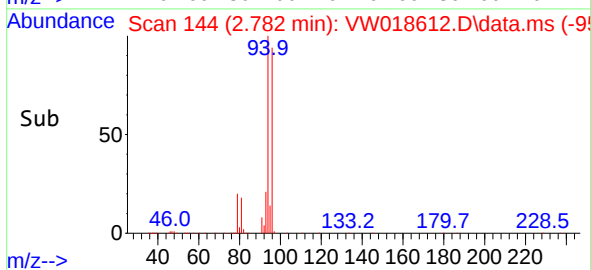
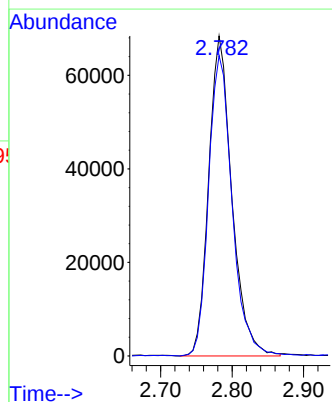
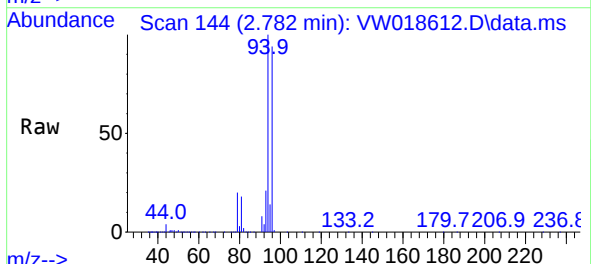
Instrument :
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 ClientSampleId :
 VSTD025112

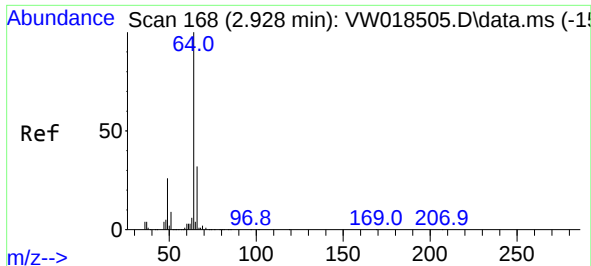
Tgt Ion: 62 Resp: 220948
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 45.0



#6
 Bromomethane
 Concen: 23.07 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018612.D
 Acq: 09 Apr 2021 10:21

Tgt Ion: 94 Resp: 154062
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.3 121.3

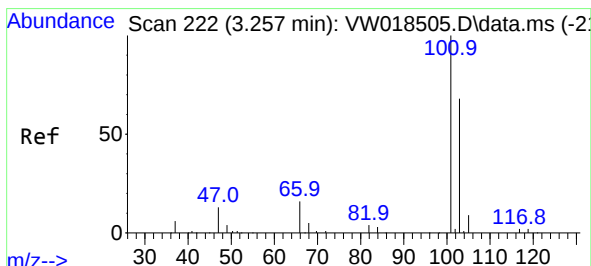
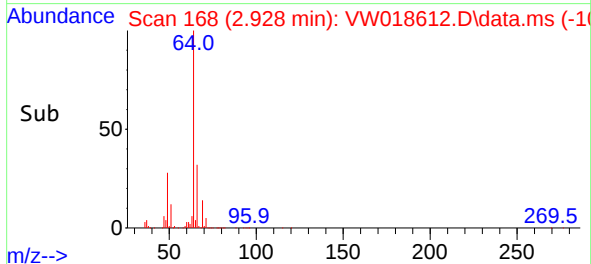
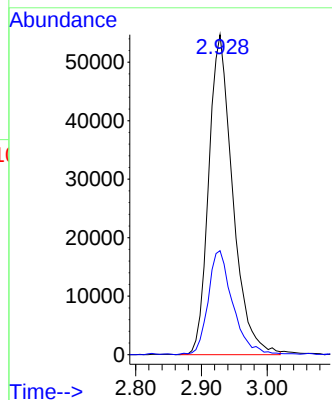
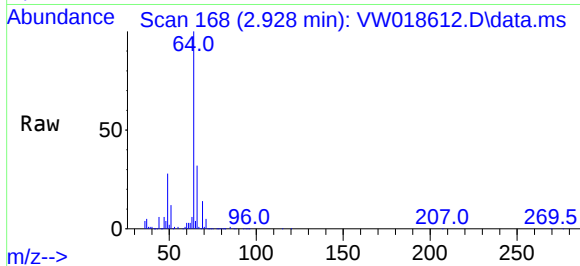




#8
Chloroethane
Concen: 25.24 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

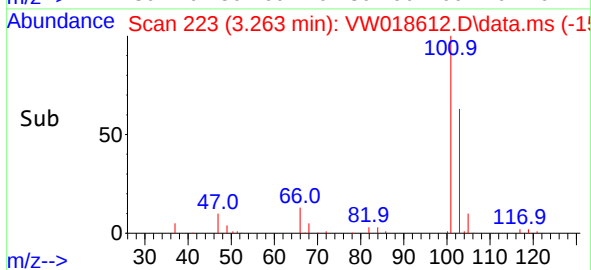
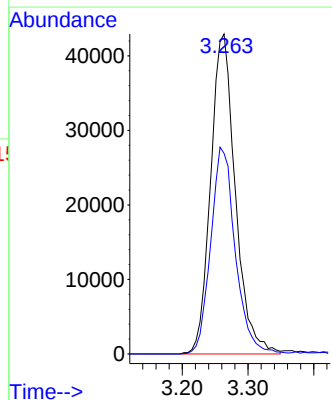
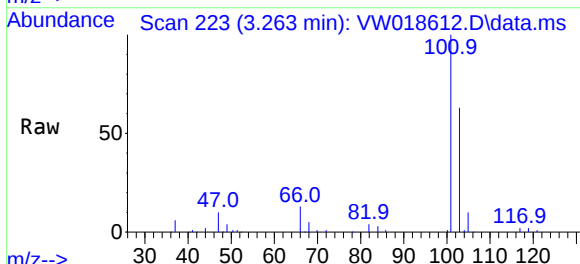
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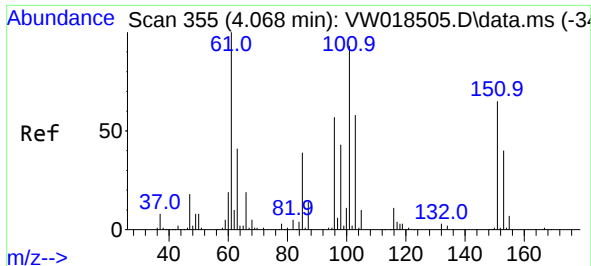
Tgt Ion: 64 Resp: 138806
Ion Ratio Lower Upper
64 100
66 32.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 26.85 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 101 Resp: 112253
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

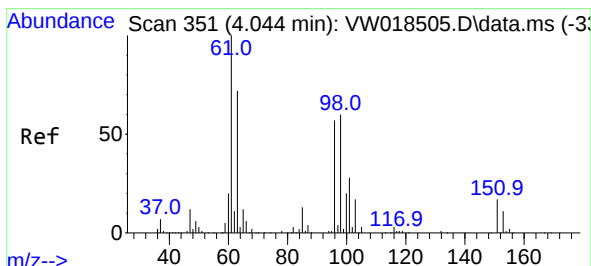
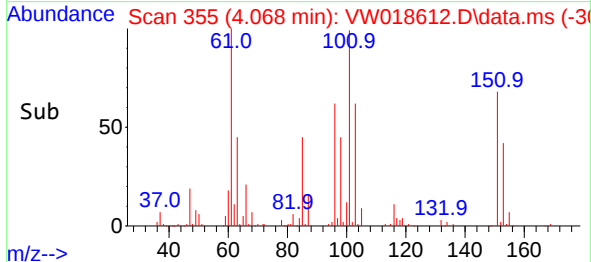
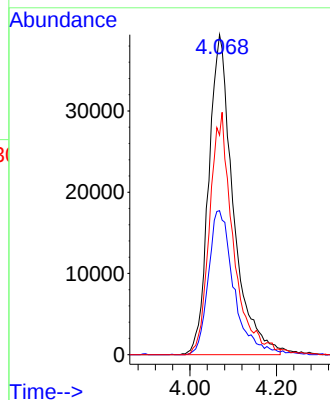
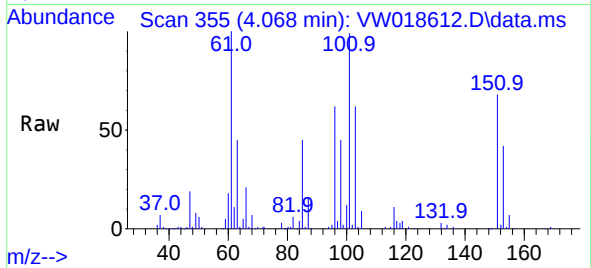




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.90 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

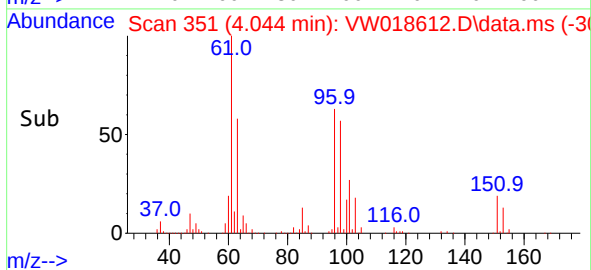
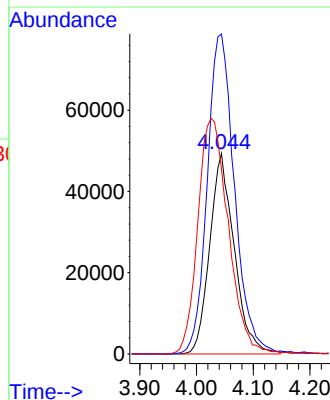
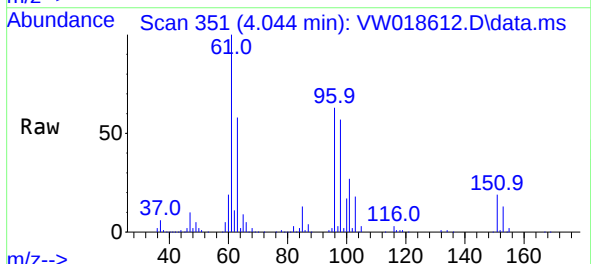
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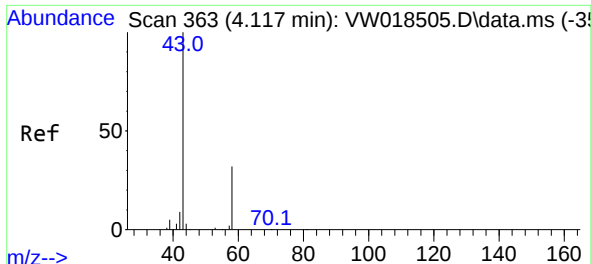
Tgt Ion:101 Resp: 154965
Ion Ratio Lower Upper
101 100
85 45.3 38.2 57.2
151 69.6 56.6 85.0



#12
1,1-Dichloroethene
Concen: 24.79 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 96 Resp: 148281
Ion Ratio Lower Upper
96 100
61 159.6 118.1 219.3
63 92.3 83.7 155.5

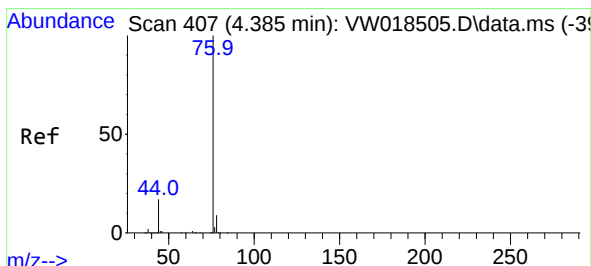
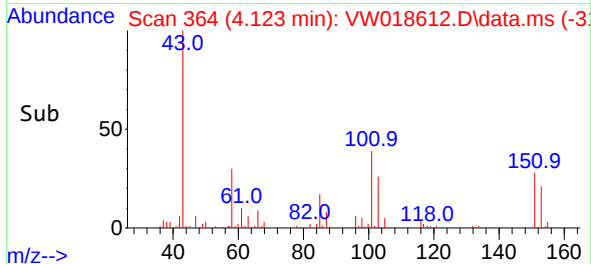
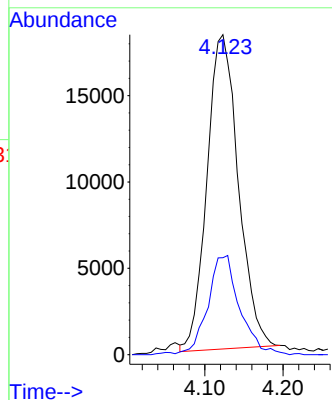
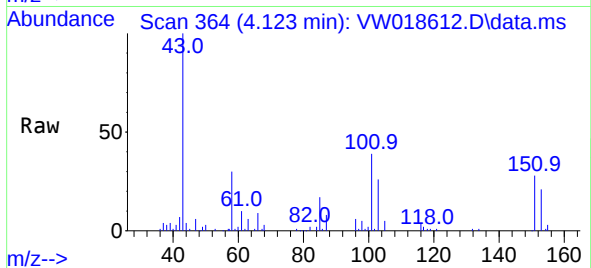




#13
Acetone
Concen: 48.18 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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Acq: 09 Apr 2021 10:21

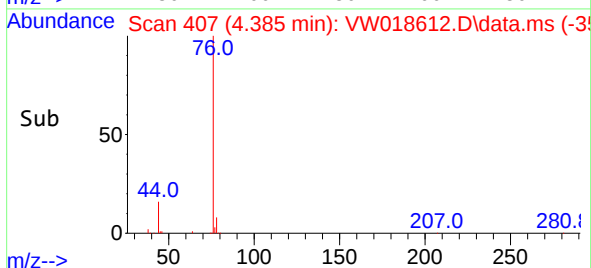
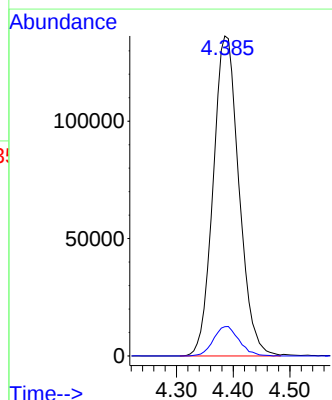
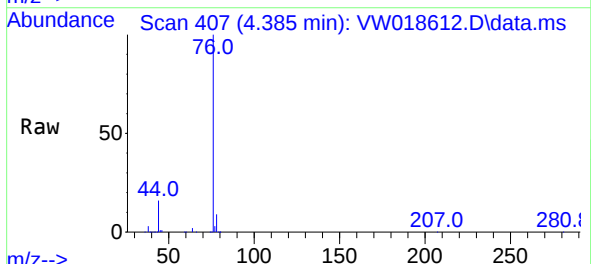
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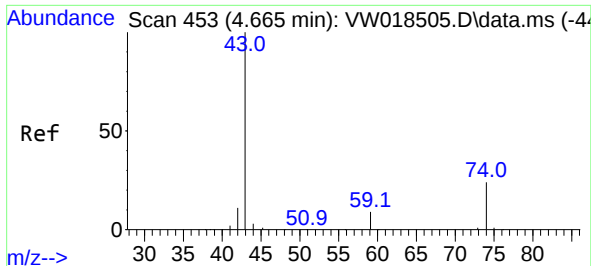
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Ion Ratio Lower Upper
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58 31.4 0.0 53.8



#14
Carbon disulfide
Concen: 23.89 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 76 Resp: 430199
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

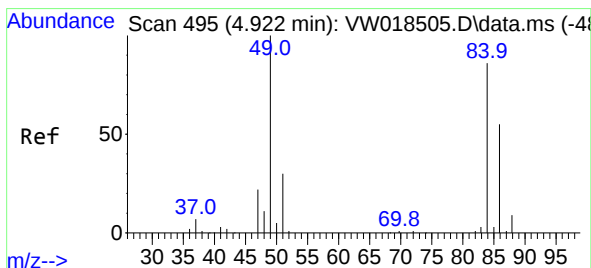
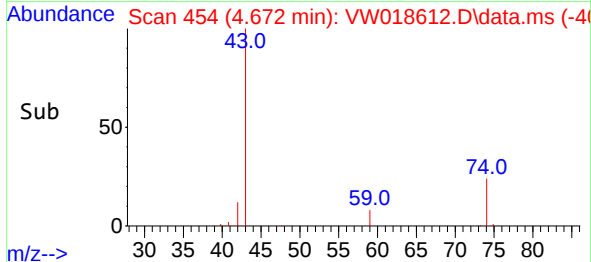
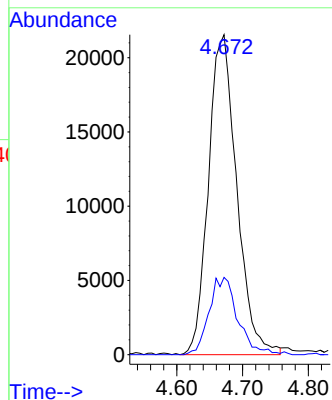
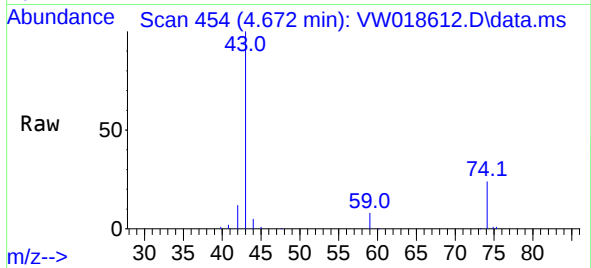




#15
Methyl Acetate
Concen: 24.37 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

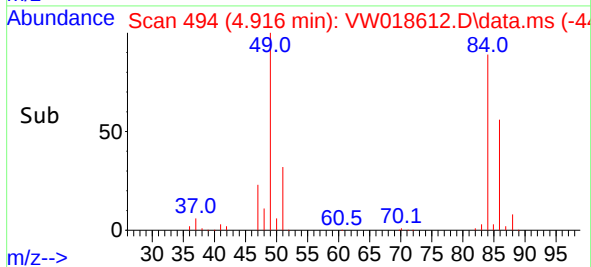
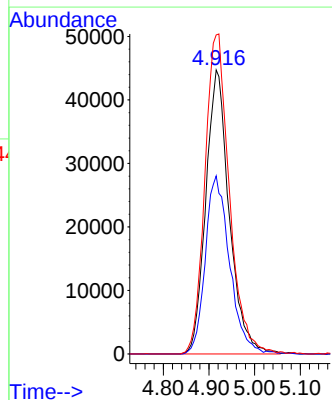
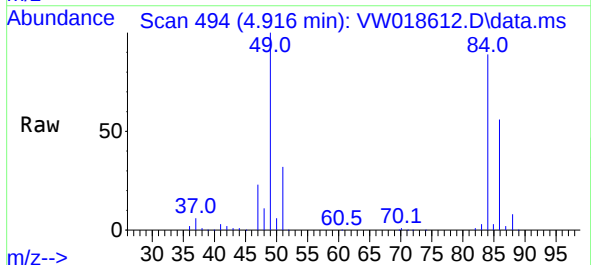
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

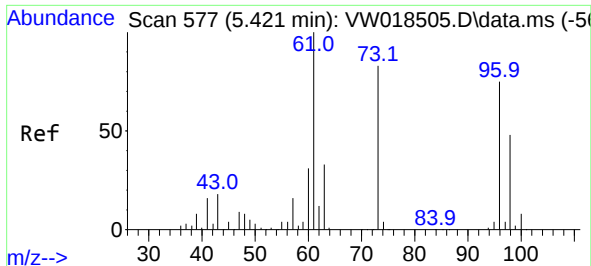
Tgt Ion: 43 Resp: 64647
Ion Ratio Lower Upper
43 100
74 10.8 20.0 30.0#



#16
Methylene chloride
Concen: 23.92 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 84 Resp: 159578
Ion Ratio Lower Upper
84 100
86 62.7 45.3 84.1
49 112.4 86.6 160.8

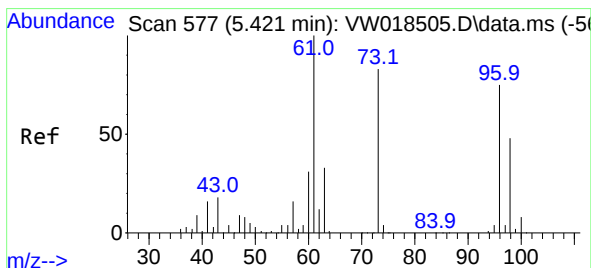
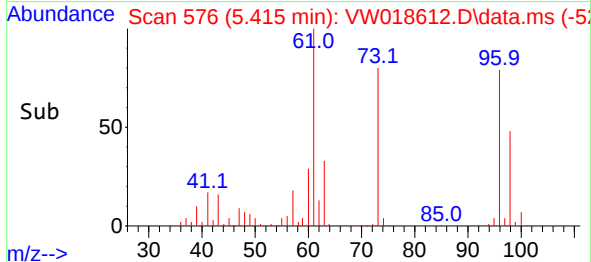
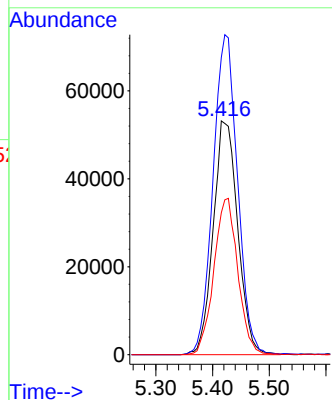
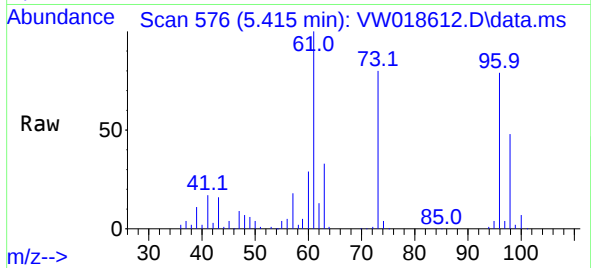




#17
trans-1,2-Dichloroethene
Concen: 24.66 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

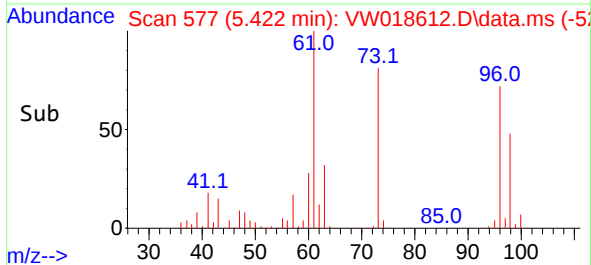
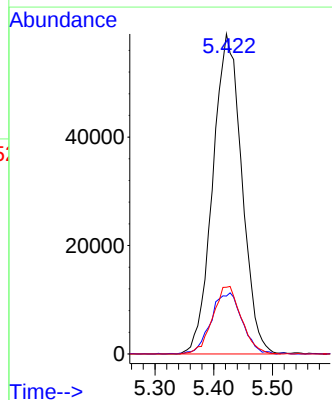
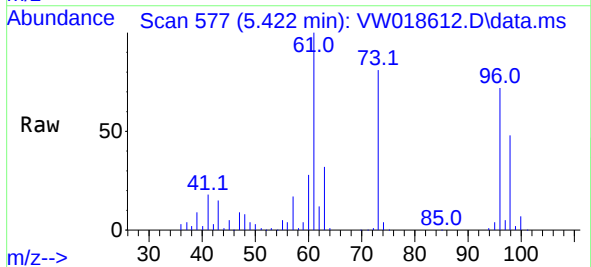
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

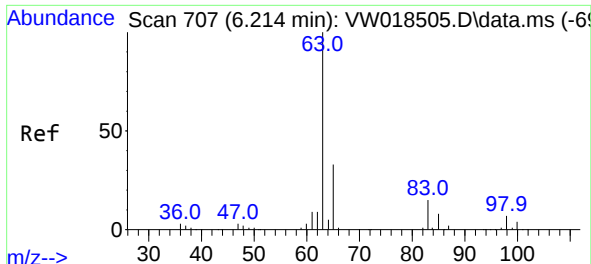
Tgt Ion: 96 Resp: 159846
Ion Ratio Lower Upper
96 100
61 127.2 98.3 182.7
98 60.7 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 24.59 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 73 Resp: 202727
Ion Ratio Lower Upper
73 100
43 20.3 17.7 26.5
57 20.8 17.0 25.4



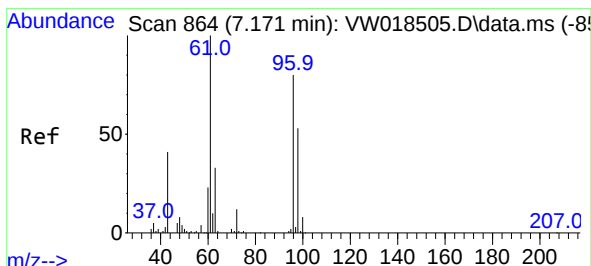
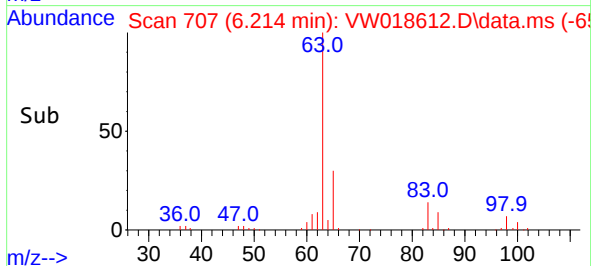
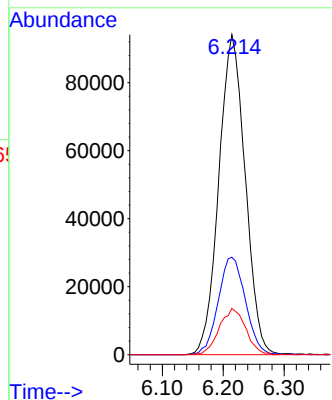
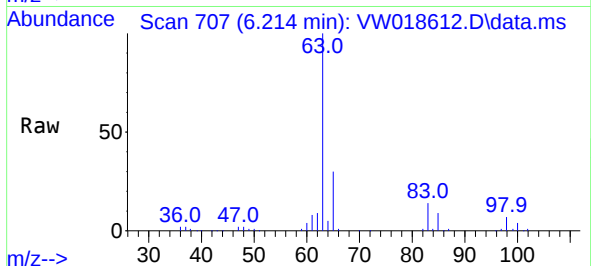


#19

1,1-Dichloroethane
Concen: 25.43 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

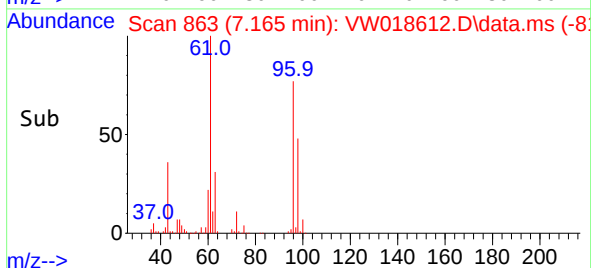
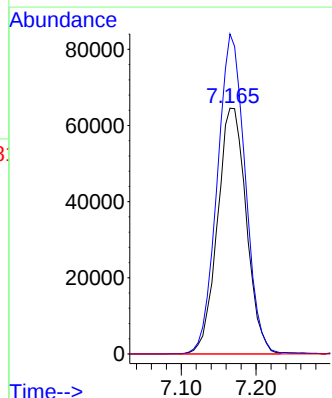
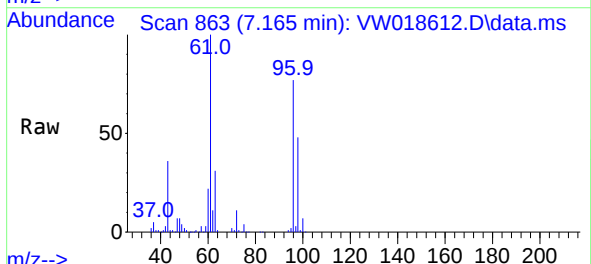
Tgt Ion: 63 Resp: 282067
Ion Ratio Lower Upper
63 100
65 30.5 22.9 42.5
83 14.4 10.2 19.0

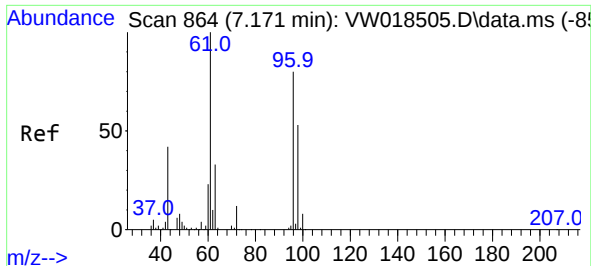


#20

cis-1,2-Dichloroethene
Concen: 25.44 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 96 Resp: 173216
Ion Ratio Lower Upper
96 100
61 130.2 88.5 164.3
68 0.0 0.0 0.0

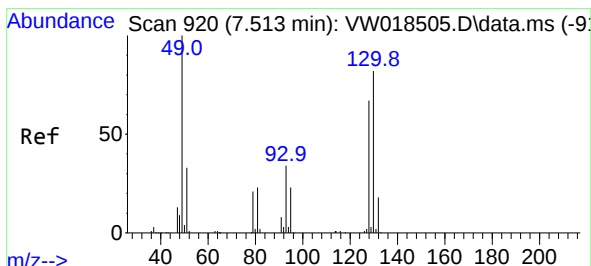
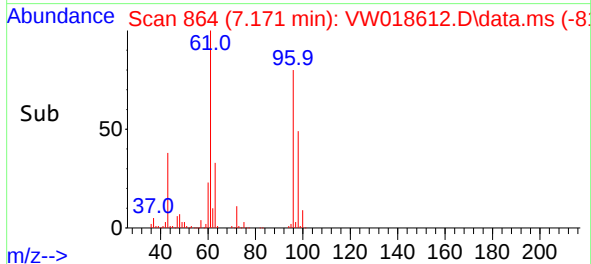
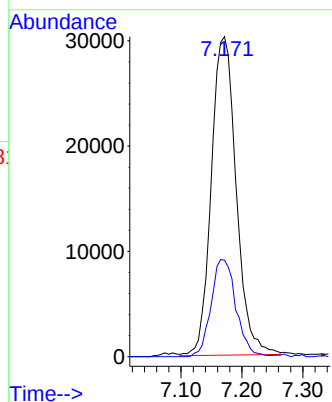
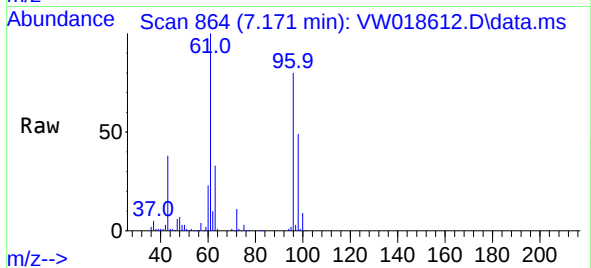




#22
2-Butanone
Concen: 50.74 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

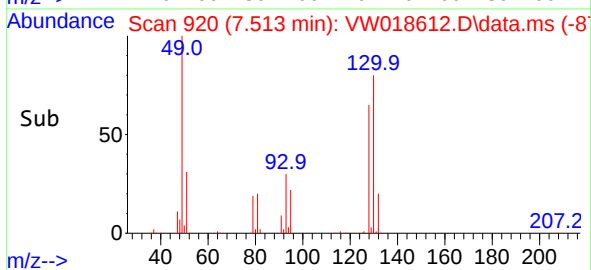
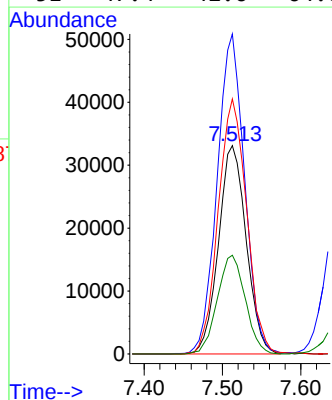
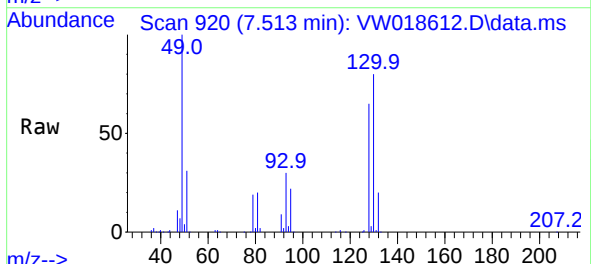
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

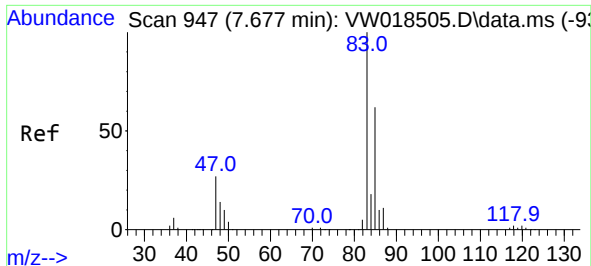
Tgt Ion: 43 Resp: 85921
Ion Ratio Lower Upper
43 100
72 30.5 14.9 44.7



#23
Bromochloromethane
Concen: 25.66 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 128 Resp: 81409
Ion Ratio Lower Upper
128 100
49 153.6 116.3 215.9
130 122.4 82.4 153.0
51 47.4 42.6 64.0

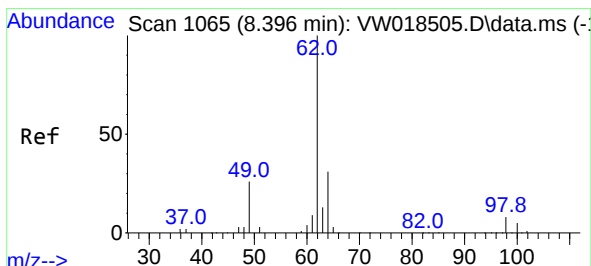
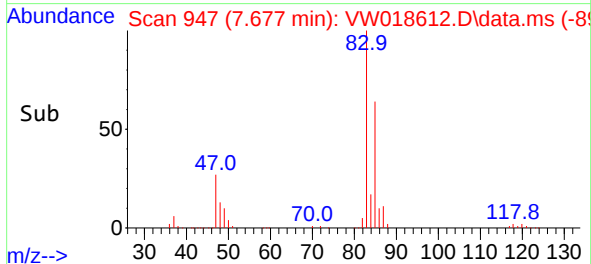
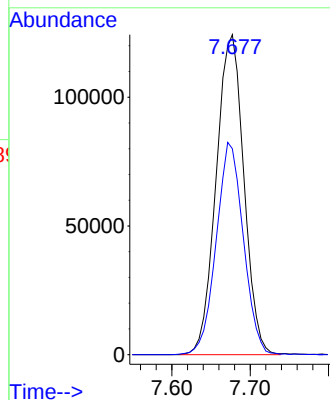
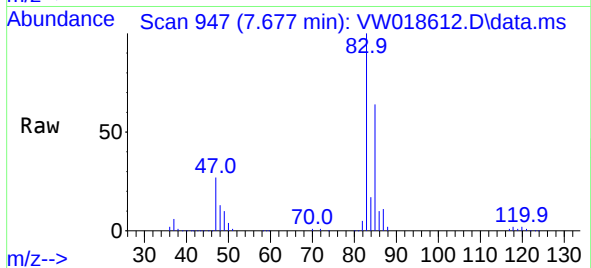




#25
Chloroform
Concen: 25.40 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

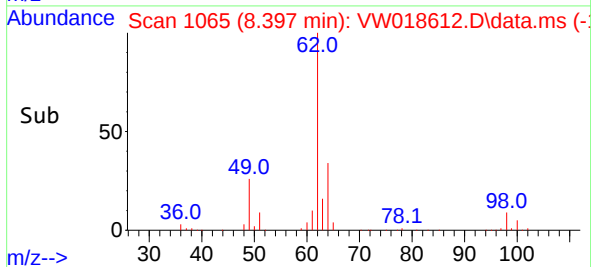
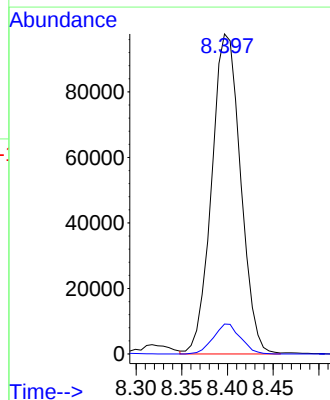
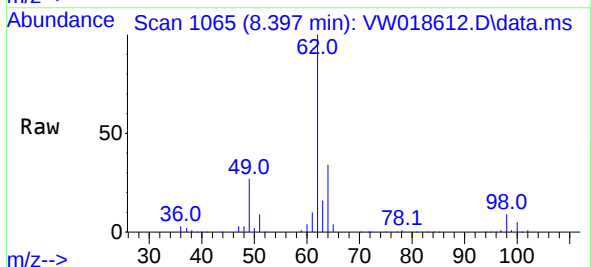
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

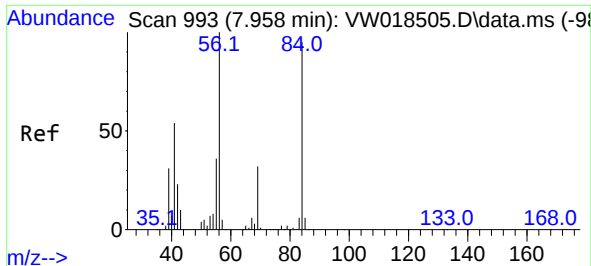
Tgt Ion: 83 Resp: 305817
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.02 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 62 Resp: 215296
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3





#29

Cyclohexane

Concen: 25.82 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW018612.D

Acq: 09 Apr 2021 10:21

Instrument :

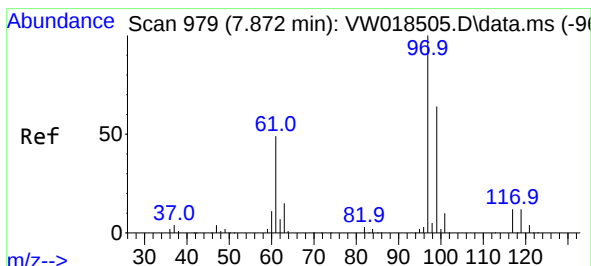
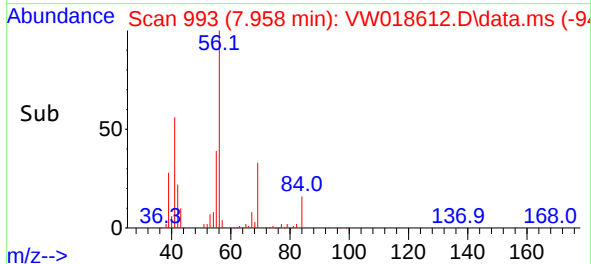
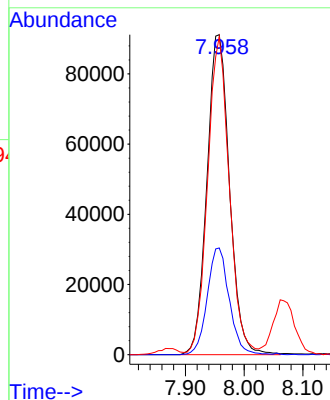
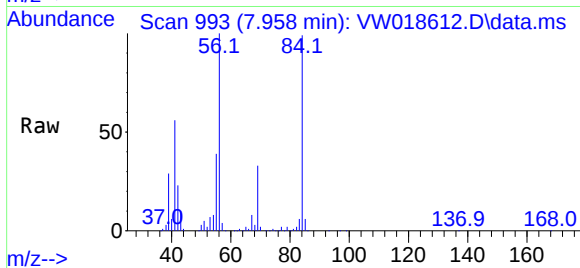
MSVOA_W

ClientSampleId :

VSTD025112

Tgt Ion: 56 Resp: 244077

Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.5	36.7
84	94.9	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 27.37 ug/L

RT: 7.872 min Scan# 979

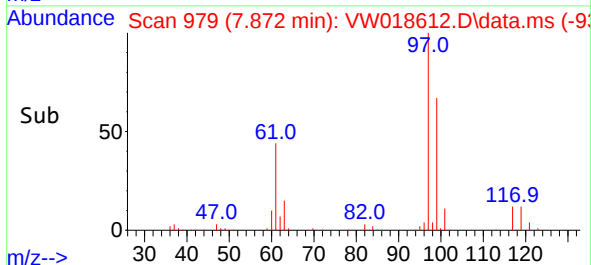
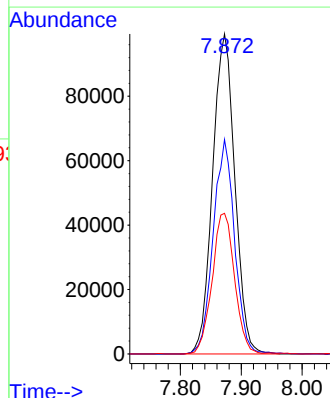
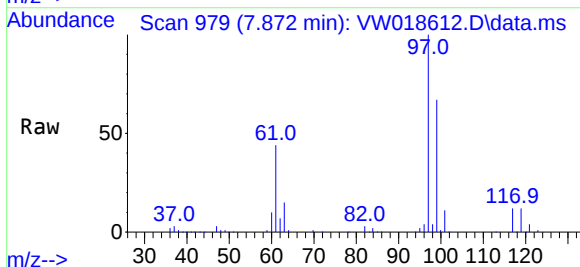
Delta R.T. 0.000 min

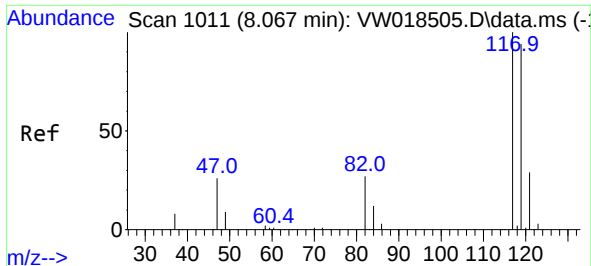
Lab File: VW018612.D

Acq: 09 Apr 2021 10:21

Tgt Ion: 97 Resp: 252171

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	44.3	37.8	56.6

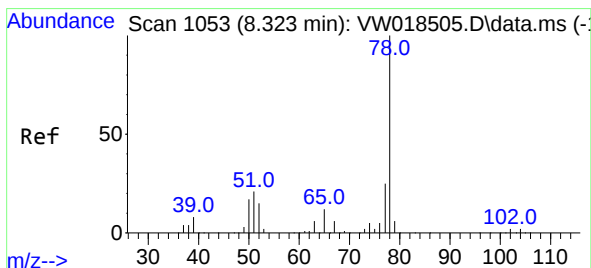
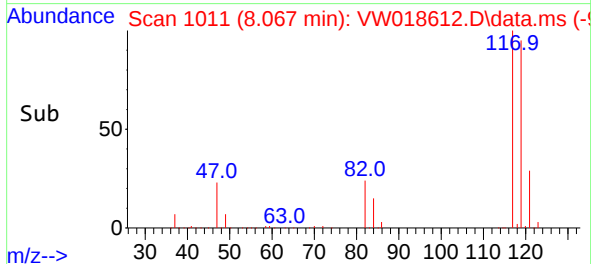
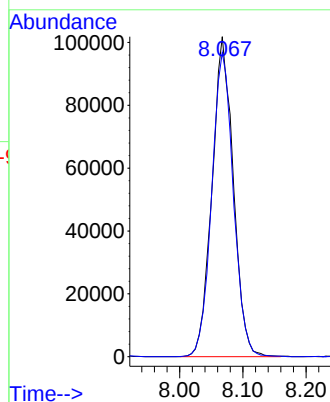
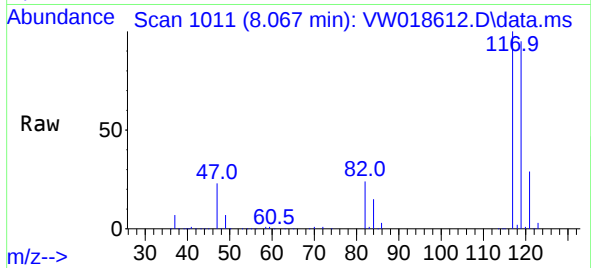




#31
Carbon tetrachloride
Concen: 27.13 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

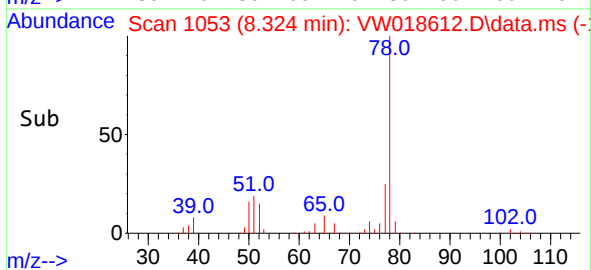
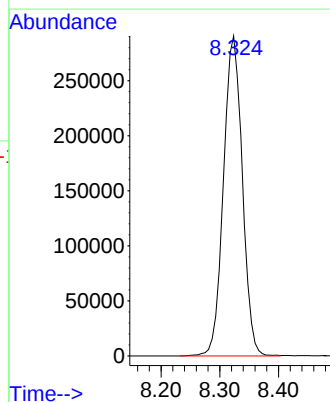
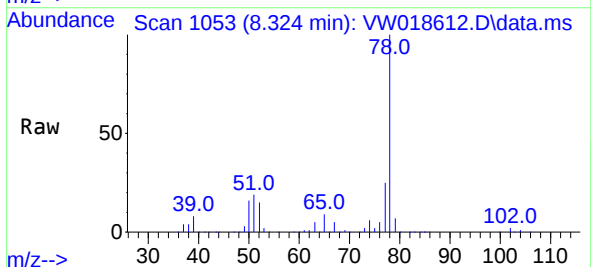
Instrument :
MSVOA_W
ClientSampled :
VSTD025112

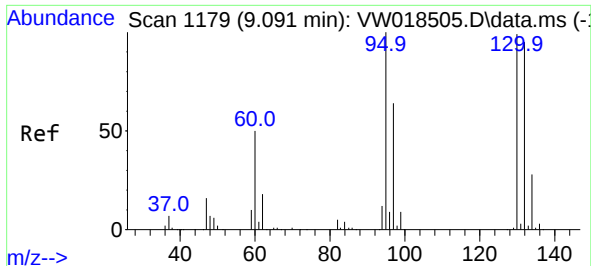
Tgt Ion:117 Resp: 237482
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7



#33
Benzene
Concen: 26.57 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 78 Resp: 647983

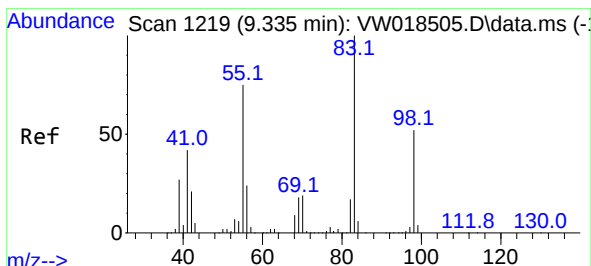
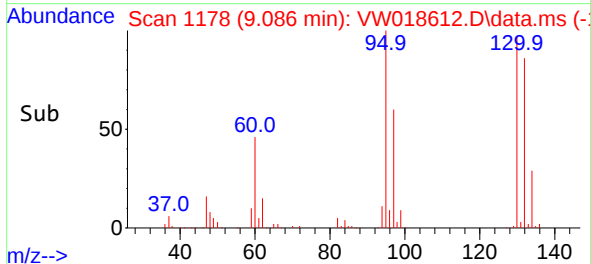
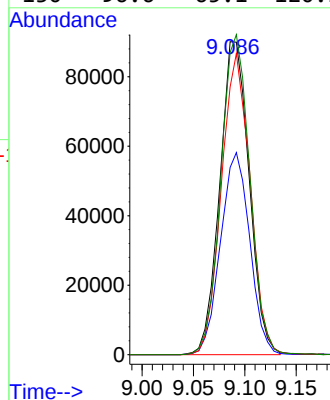
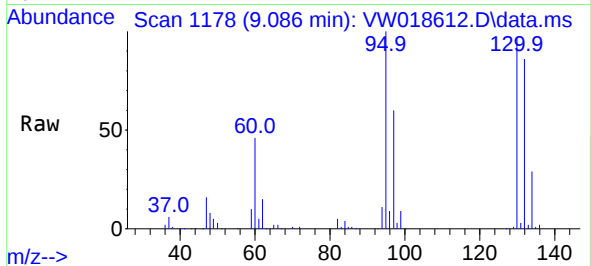




#34
Trichloroethene
Concen: 26.61 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

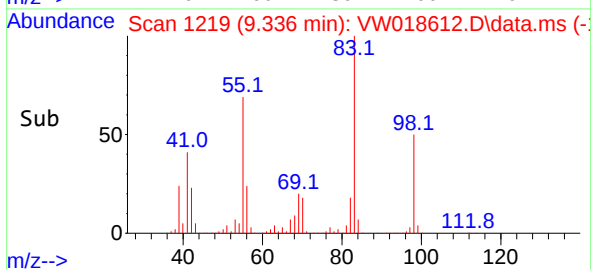
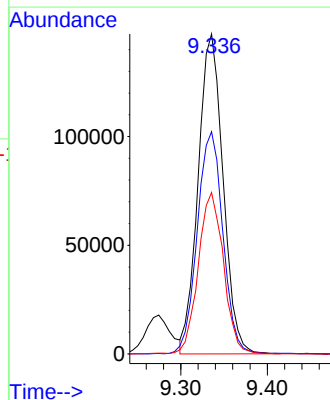
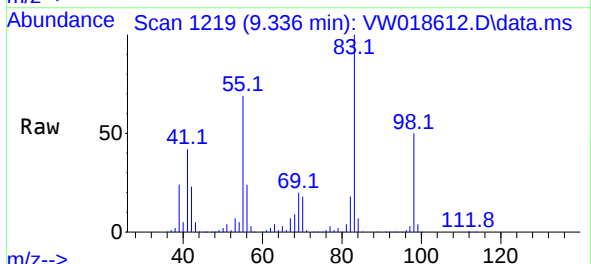
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

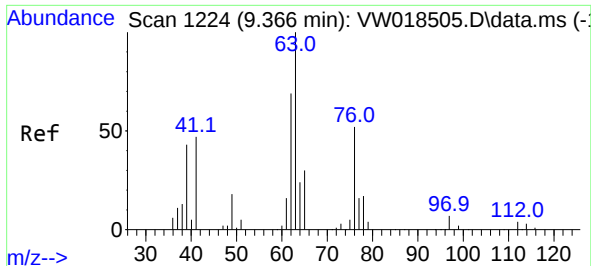
Tgt Ion: 95 Resp: 179317
Ion Ratio Lower Upper
95 100
97 59.8 47.3 87.8
132 85.6 71.0 131.8
130 96.6 65.1 120.9



#35
Methylcyclohexane
Concen: 25.78 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 83 Resp: 294045
Ion Ratio Lower Upper
83 100
55 71.6 58.9 88.3
98 51.0 40.1 60.1

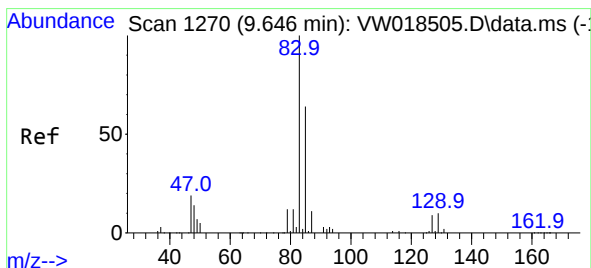
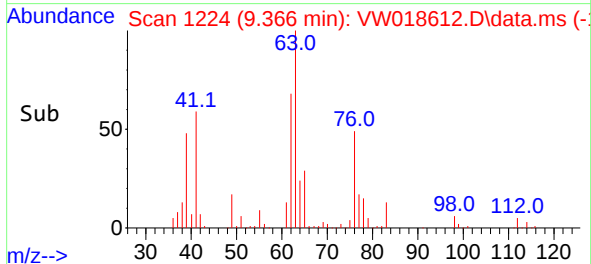
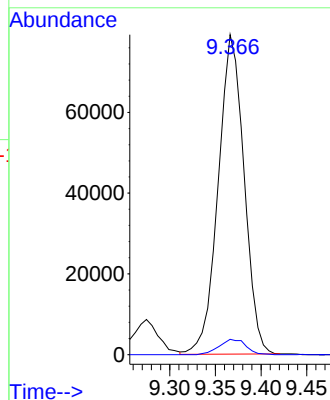
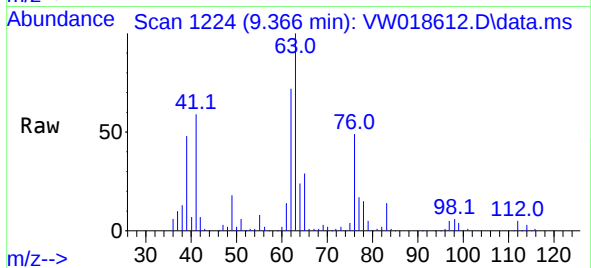




#37
1,2-Dichloropropane
Concen: 26.75 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

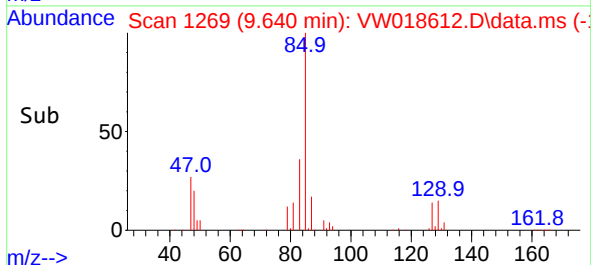
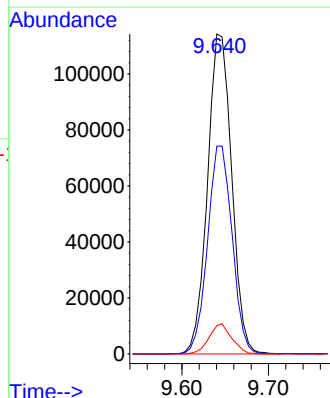
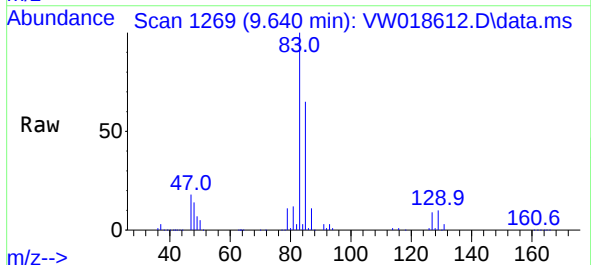
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

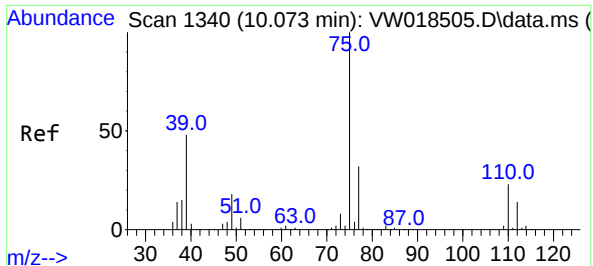
Tgt Ion: 63 Resp: 155903
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 26.49 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 83 Resp: 221843
Ion Ratio Lower Upper
83 100
85 64.9 42.3 78.5
127 8.9 6.6 9.8

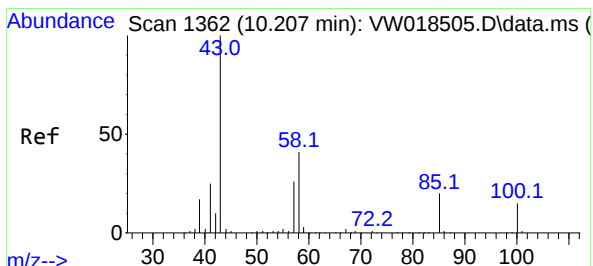
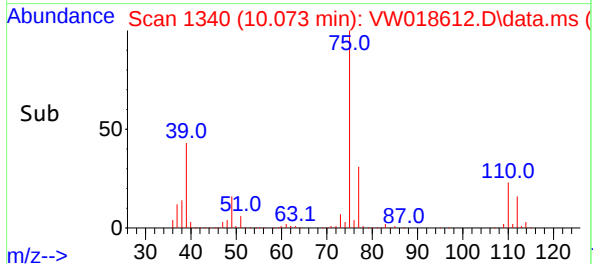
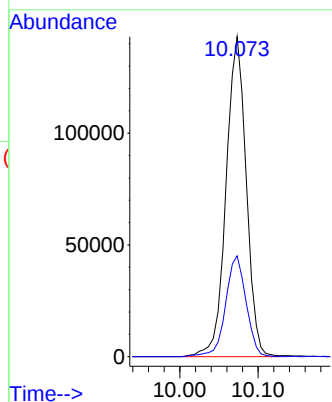
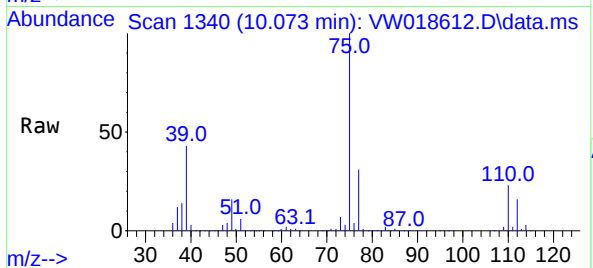




#39
cis-1,3-Dichloropropene
Concen: 26.76 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

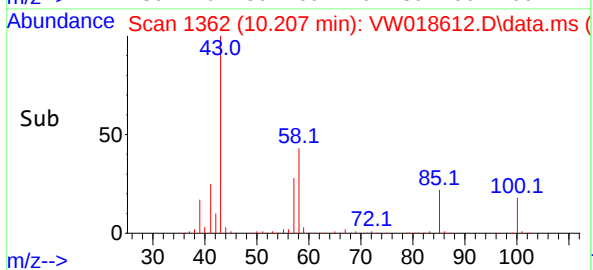
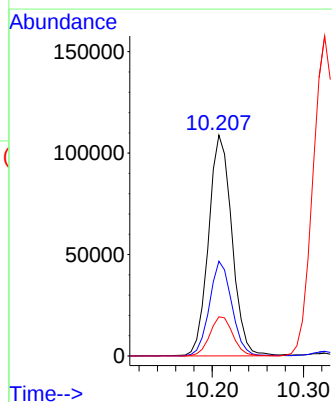
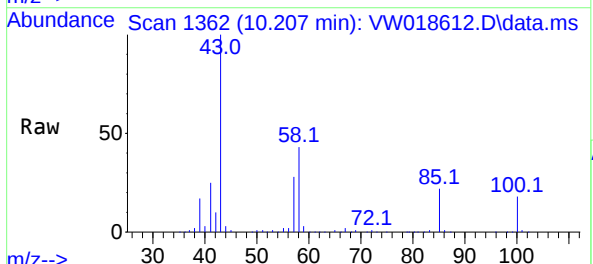
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

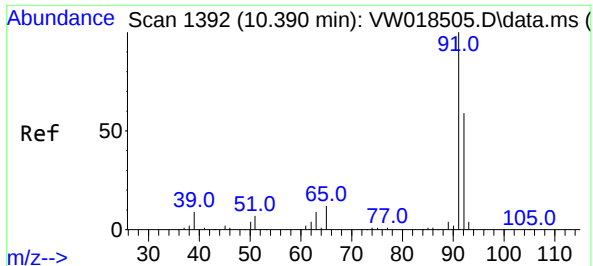
Tgt Ion: 75 Resp: 256324
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 50.82 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 43 Resp: 193295
Ion Ratio Lower Upper
43 100
58 41.3 31.0 46.4
100 17.6 13.0 19.6

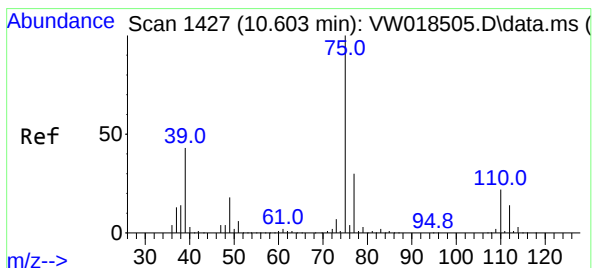
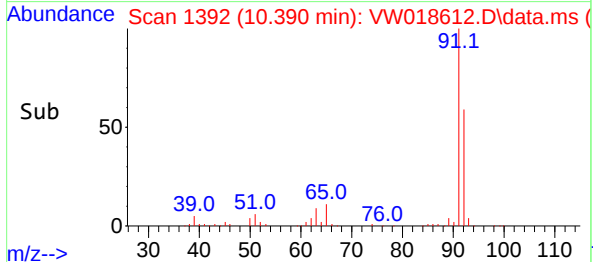
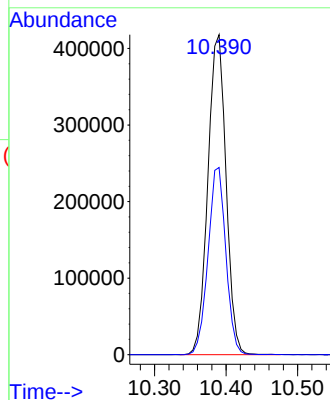
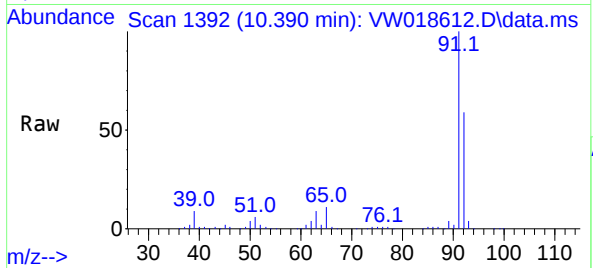




#42
Toluene
Concen: 26.62 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

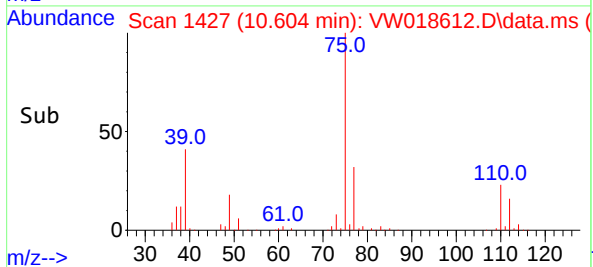
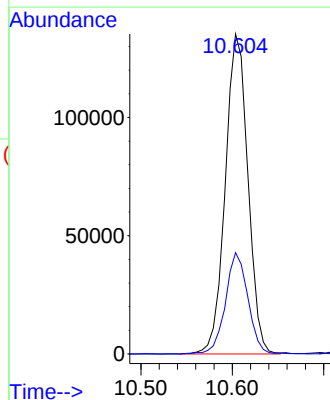
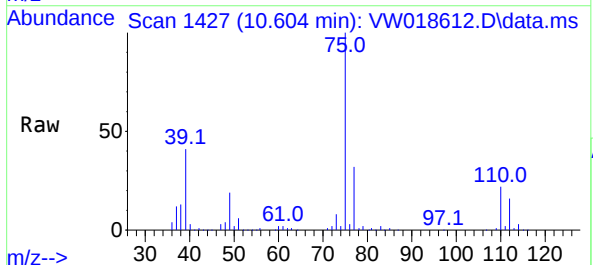
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

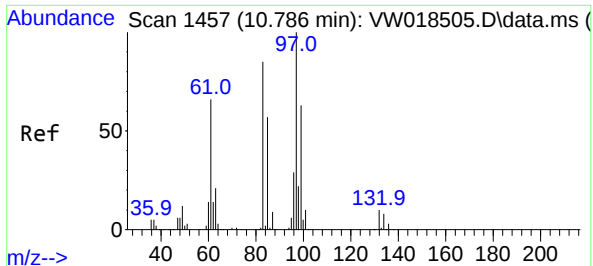
Tgt Ion: 91 Resp: 737061
Ion Ratio Lower Upper
91 100
92 58.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.16 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.001 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 75 Resp: 232862
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.1



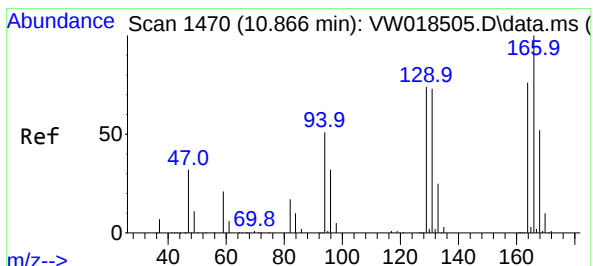
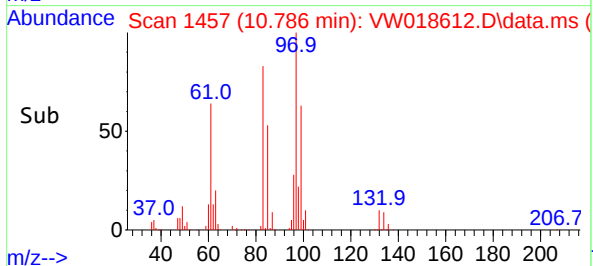
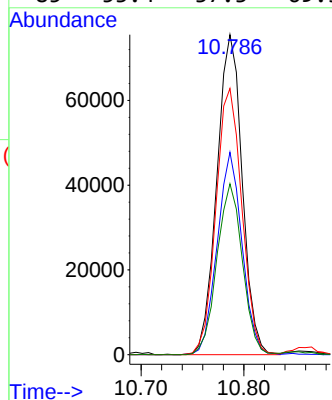
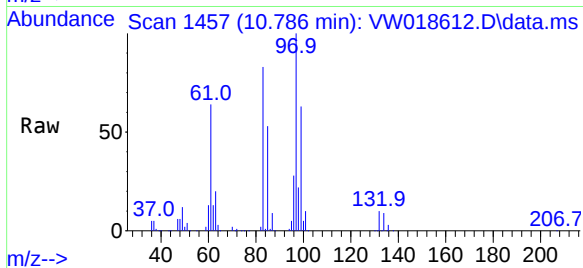


#45
1,1,2-Trichloroethane
Concen: 26.38 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

Tgt Ion: 97 Resp: 129313

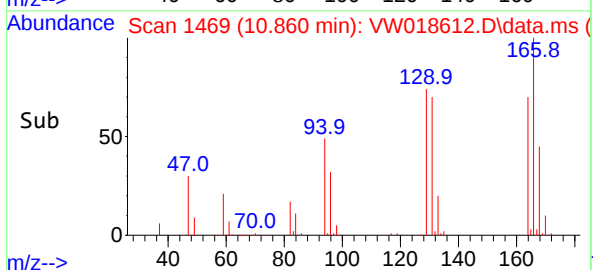
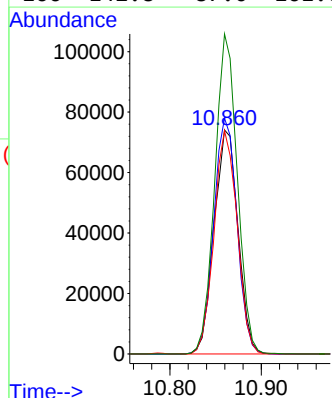
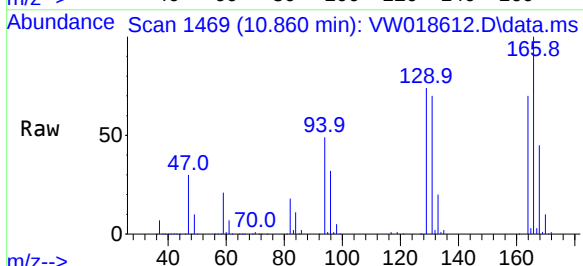
Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.1	83.7
83	83.2	58.1	107.9
85	53.4	37.3	69.3

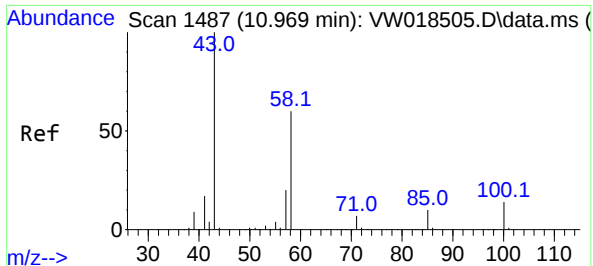


#46
Tetrachloroethene
Concen: 26.58 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 164 Resp: 135027

Ion	Ratio	Lower	Upper
164	100		
129	105.2	66.7	123.9
131	99.7	61.1	113.5
166	142.8	87.0	161.6



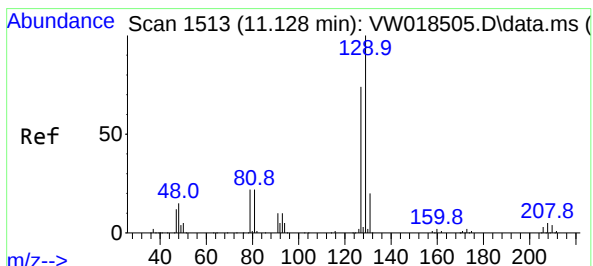
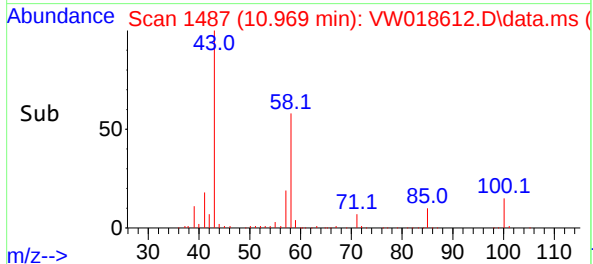
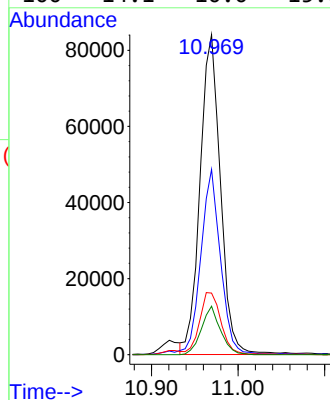
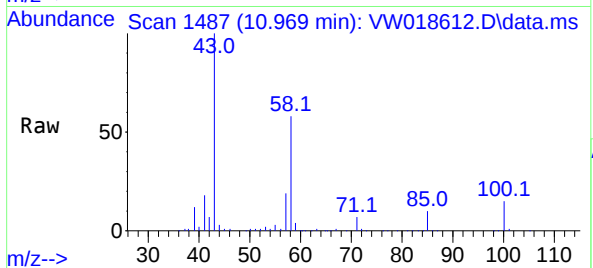


#48
2-Hexanone
Concen: 50.86 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

Tgt Ion: 43 Resp: 137780

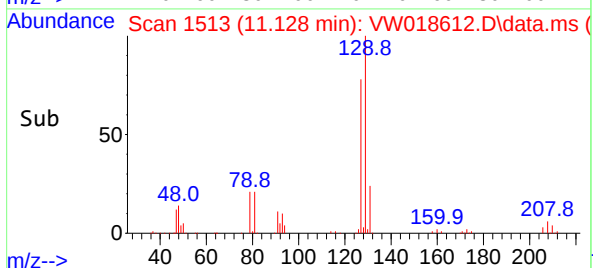
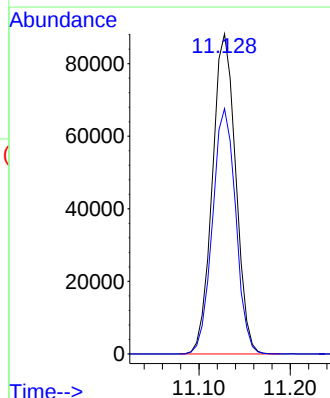
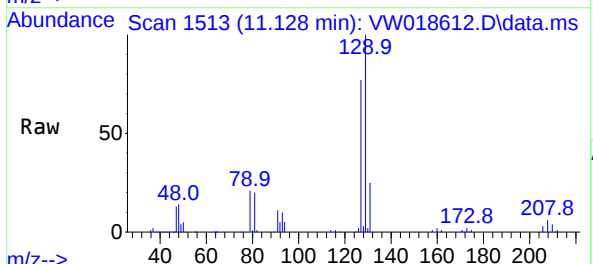
Ion	Ratio	Lower	Upper
43	100		
58	55.7	42.7	64.1
57	20.2	15.8	23.8
100	14.1	10.0	15.0

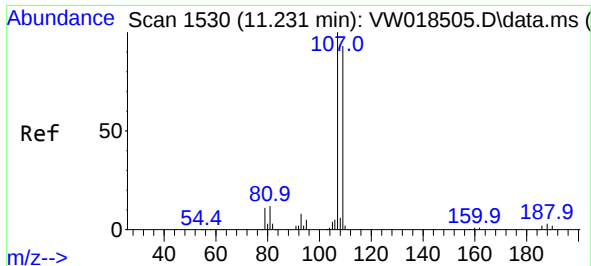


#49
Dibromochloromethane
Concen: 27.14 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 129 Resp: 156504

Ion	Ratio	Lower	Upper
129	100		
127	76.6	51.7	95.9

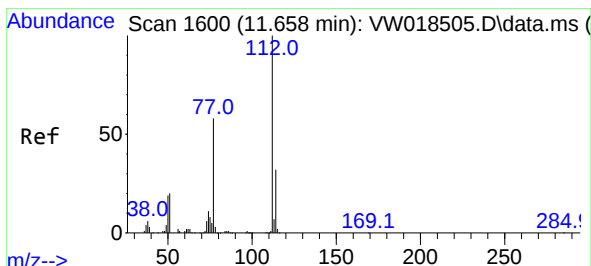
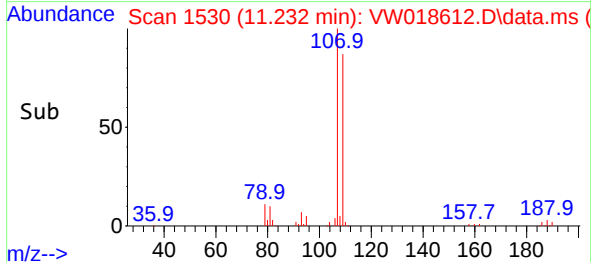
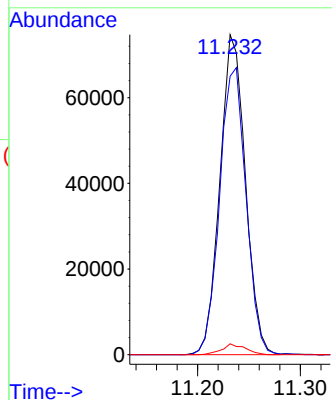
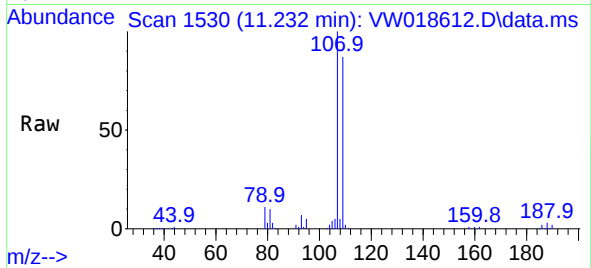




#50
1,2-Dibromoethane
Concen: 25.83 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

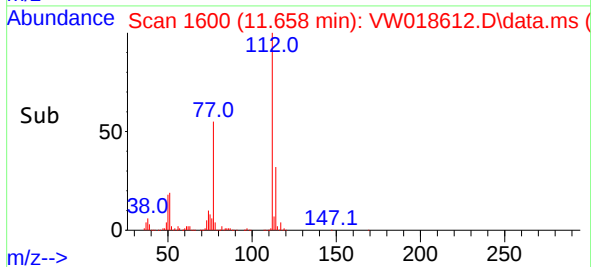
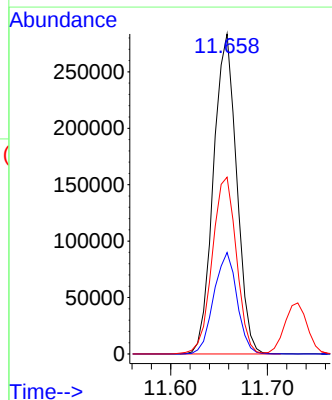
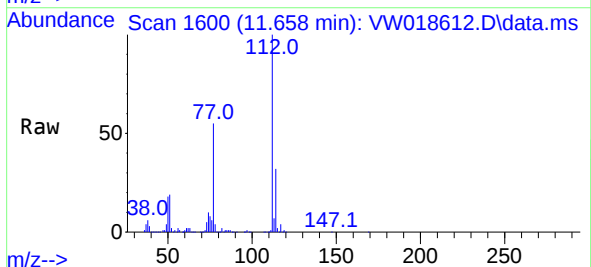
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

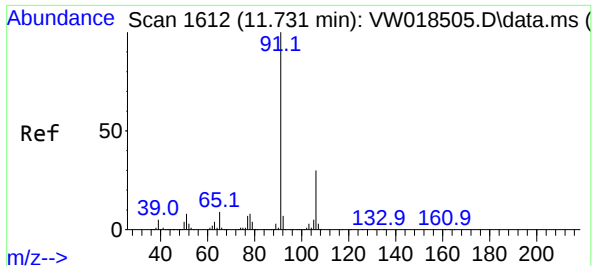
Tgt Ion:107 Resp: 128680
Ion Ratio Lower Upper
107 100
109 87.0 65.4 121.4
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 26.62 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:112 Resp: 472910
Ion Ratio Lower Upper
112 100
114 31.7 23.4 43.6
77 55.3 47.6 71.4

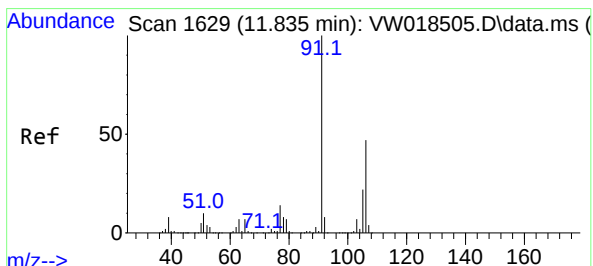
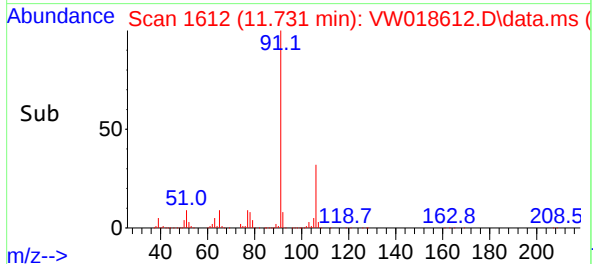
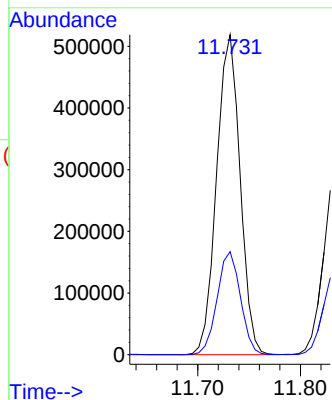
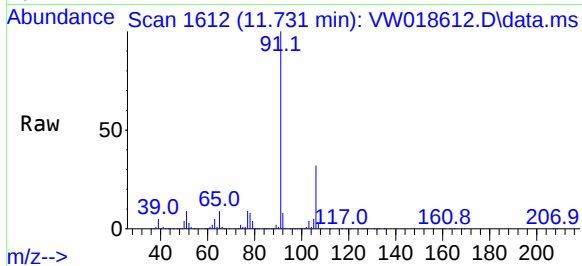




#52
Ethylbenzene
Concen: 26.26 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

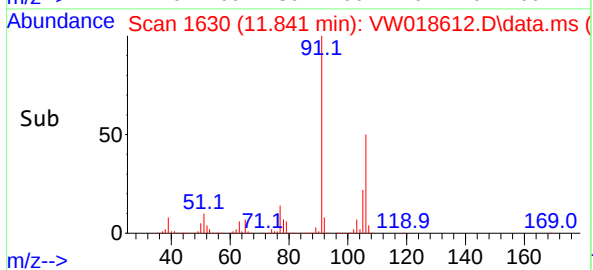
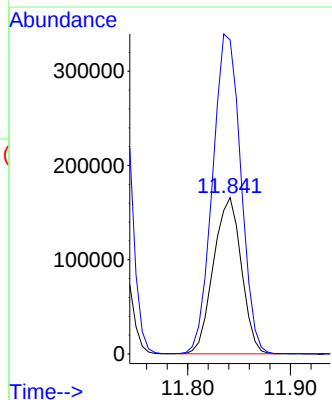
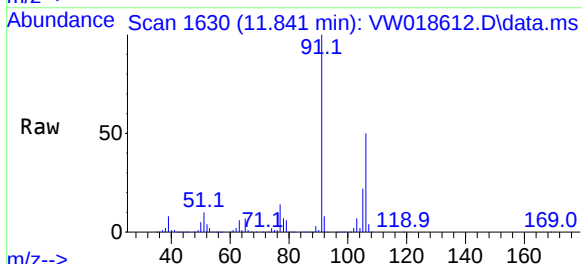
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

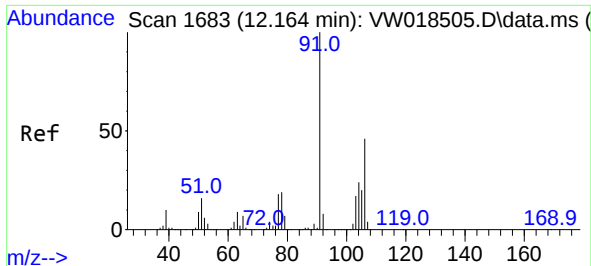
Tgt Ion: 91 Resp: 822945
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.7



#53
m,p-Xylene
Concen: 26.77 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:106 Resp: 311916
Ion Ratio Lower Upper
106 100
91 201.0 141.3 262.3

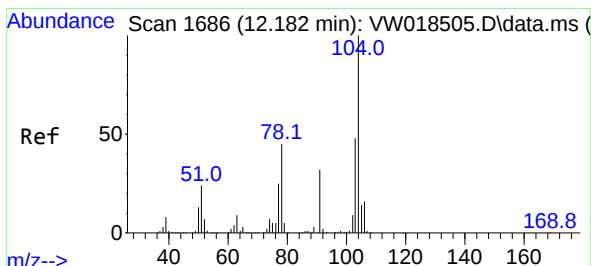
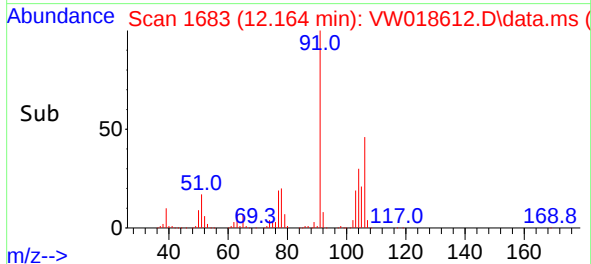
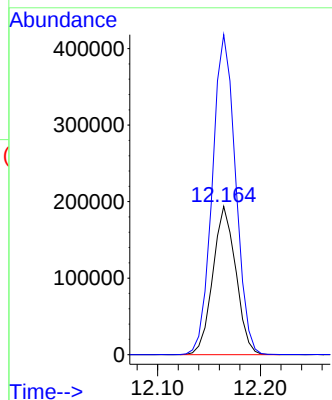
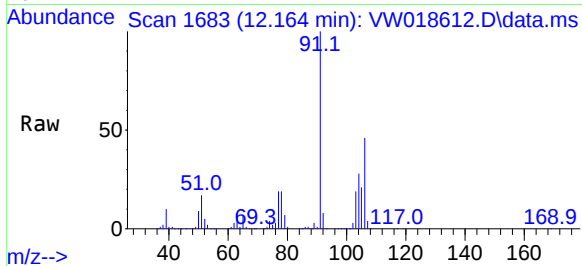




#54
o-Xylene
Concen: 26.55 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

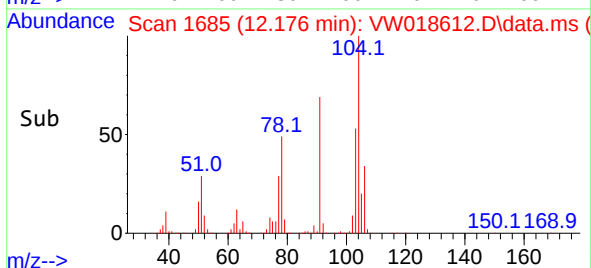
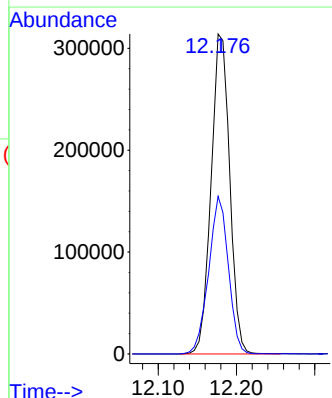
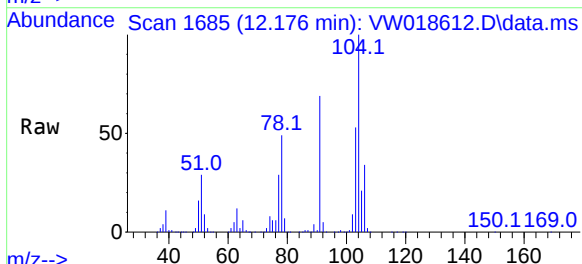
Instrument :
MSVOA_W
ClientSampled :
VSTD025112

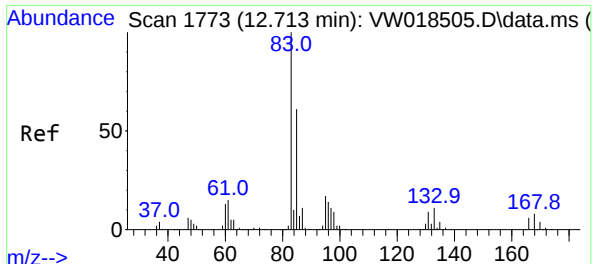
Tgt Ion:106 Resp: 300909
Ion Ratio Lower Upper
106 100
91 215.8 150.0 278.6



#55
Styrene
Concen: 26.66 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:104 Resp: 518261
Ion Ratio Lower Upper
104 100
78 49.2 32.5 60.3



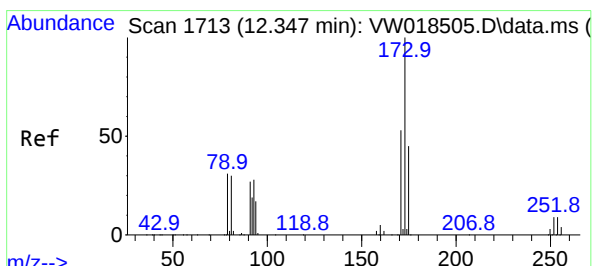
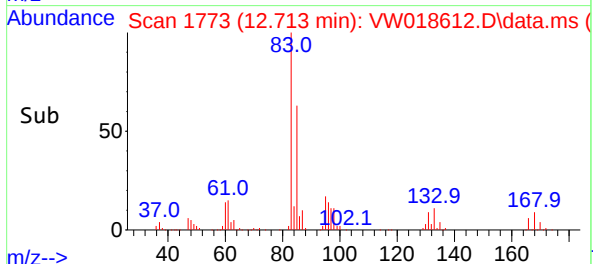
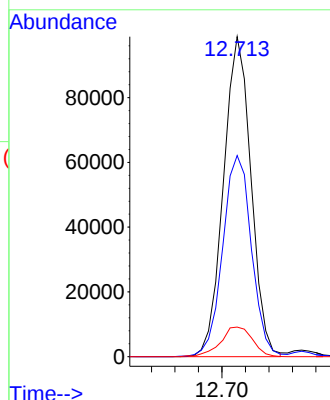
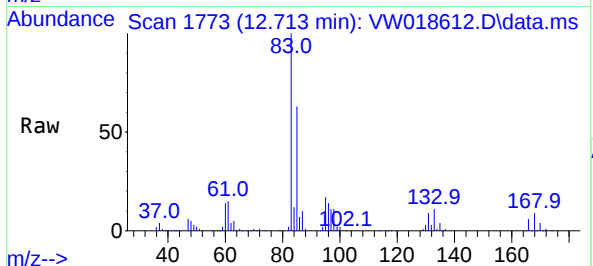


#57
1,1,2,2-Tetrachloroethane
Concen: 25.85 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

Tgt Ion: 83 Resp: 160908

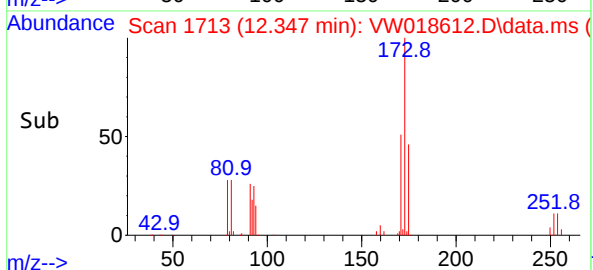
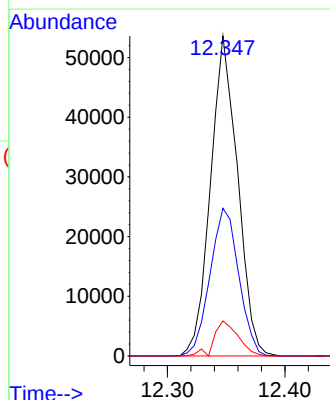
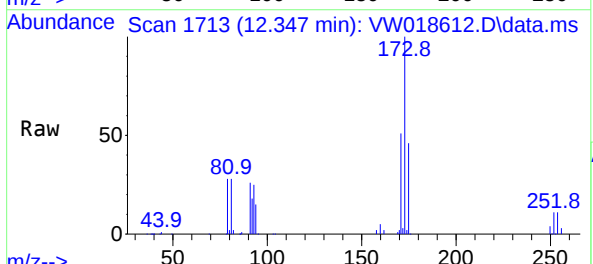
Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.4	82.4
131	9.2	8.2	12.4

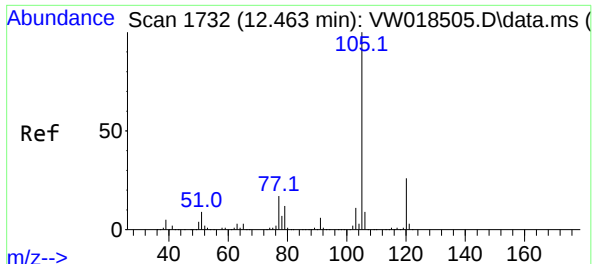


#59
Bromoform
Concen: 25.34 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 173 Resp: 85856

Ion	Ratio	Lower	Upper
173	100		
175	49.0	37.5	56.3
254	9.1	7.0	10.4

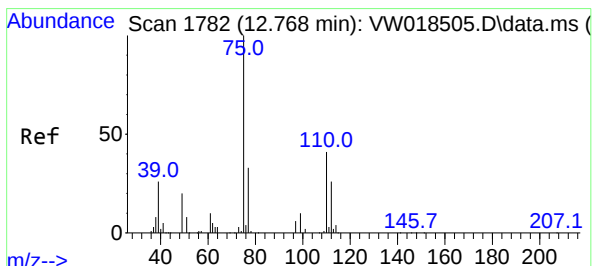
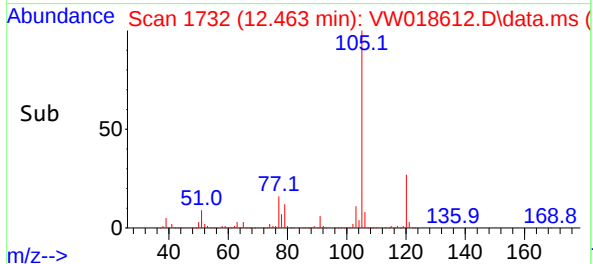
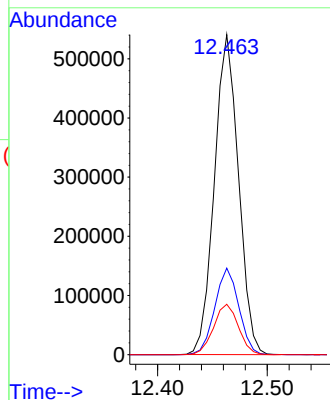
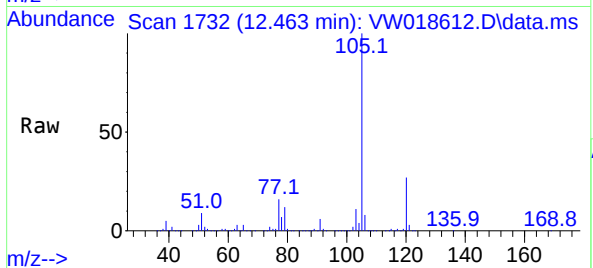




#60
Isopropylbenzene
Concen: 26.66 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

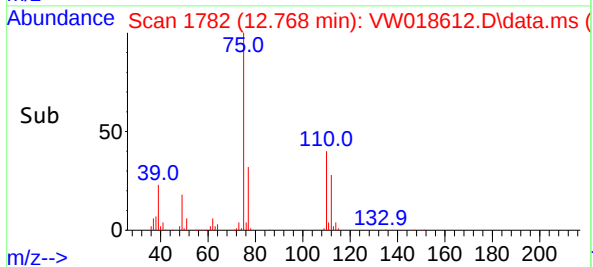
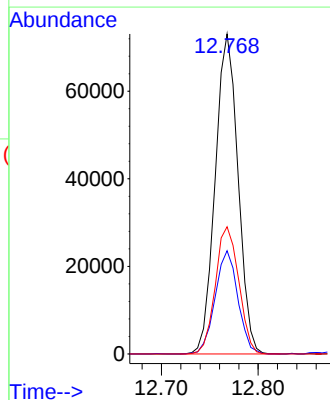
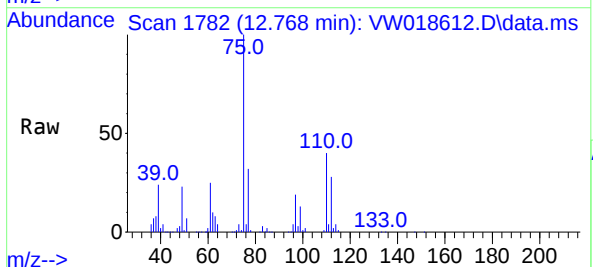
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

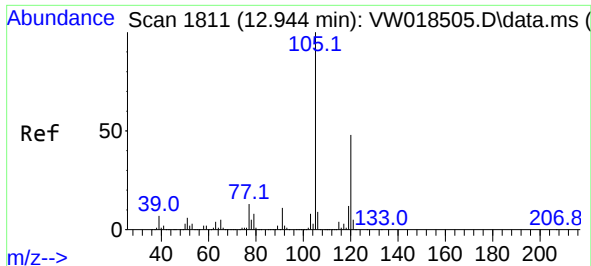
Tgt Ion:105 Resp: 825704
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.55 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 75 Resp: 119619
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 40.7 32.6 48.8

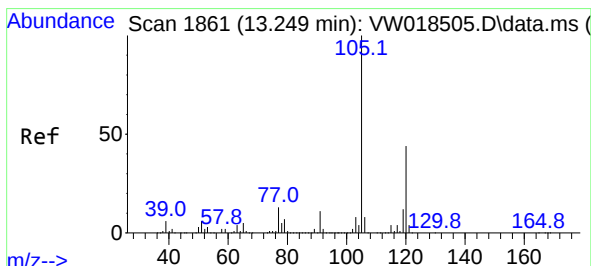
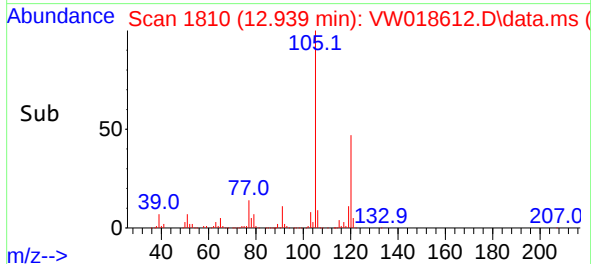
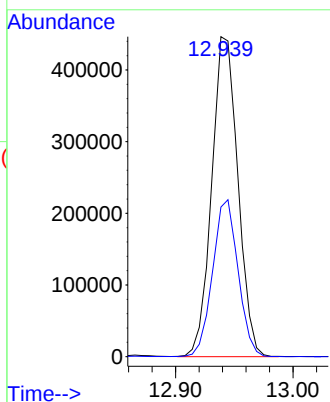
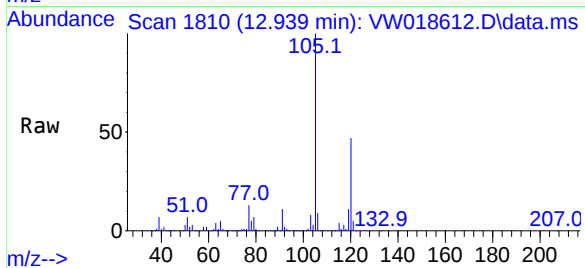




#62
1,3,5-Trimethylbenzene
Concen: 26.52 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

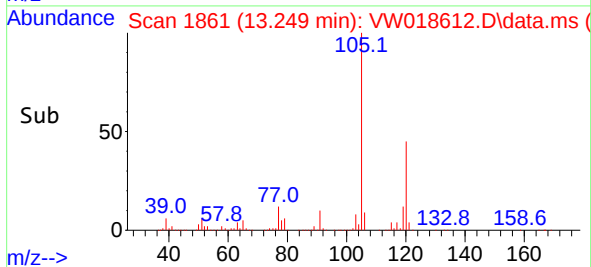
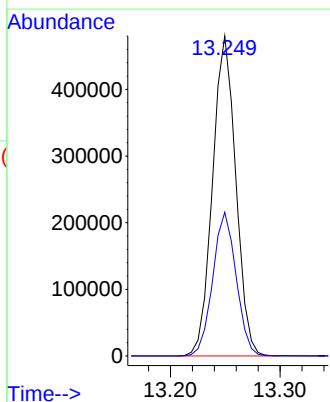
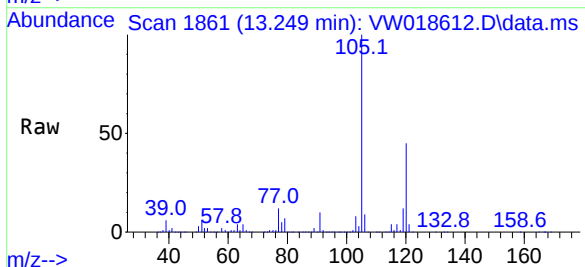
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

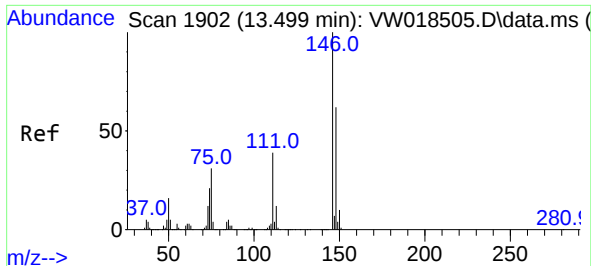
Tgt Ion:105 Resp: 692690
Ion Ratio Lower Upper
105 100
120 47.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.87 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:105 Resp: 708674
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4

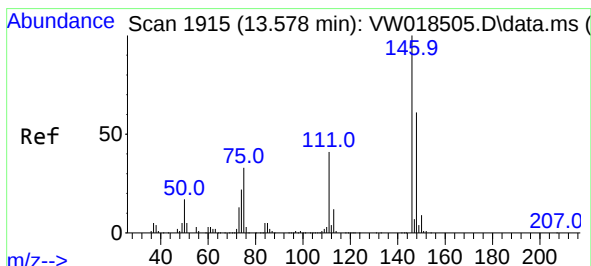
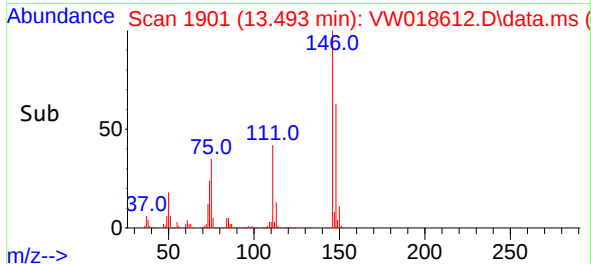
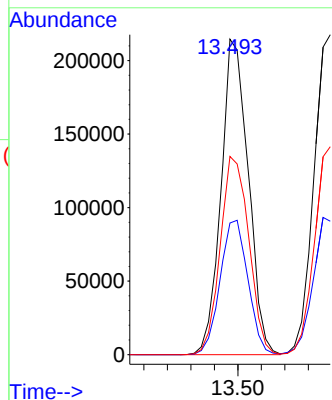
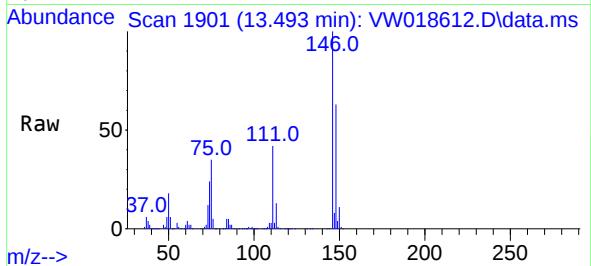




#64
1,3-Dichlorobenzene
Concen: 25.19 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

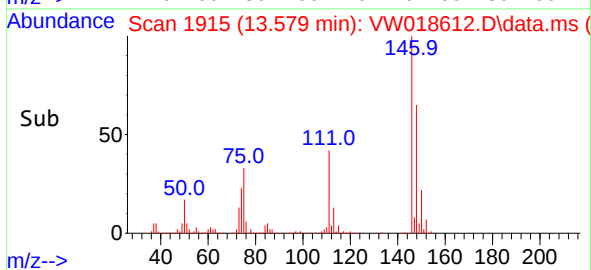
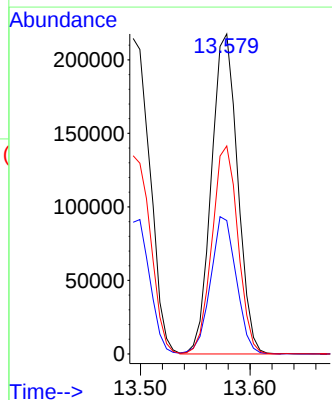
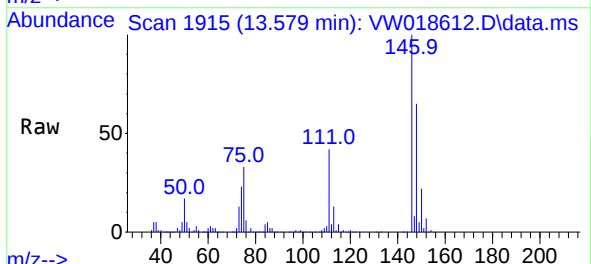
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

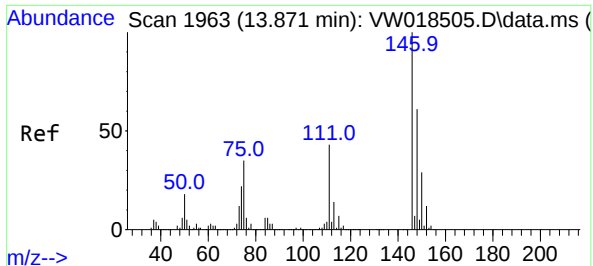
Tgt Ion:146 Resp: 345974
Ion Ratio Lower Upper
146 100
111 41.7 26.7 49.7
148 62.8 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.80 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:146 Resp: 361727
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.4
148 65.0 46.8 87.0

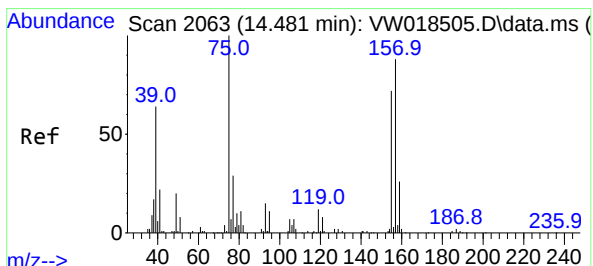
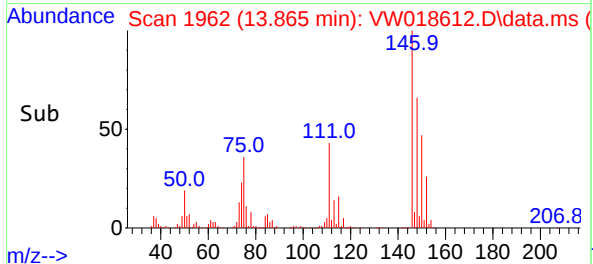
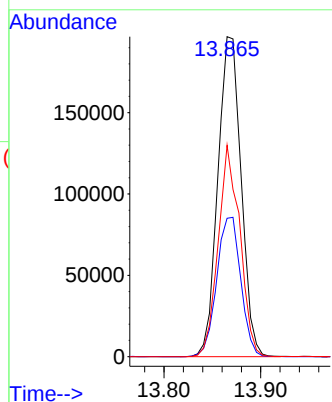
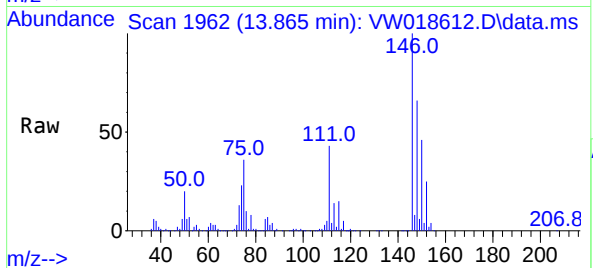




#67
1,2-Dichlorobenzene
Concen: 25.93 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

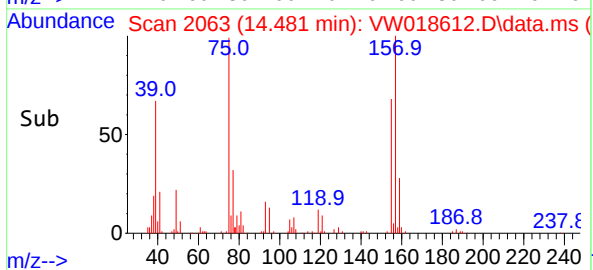
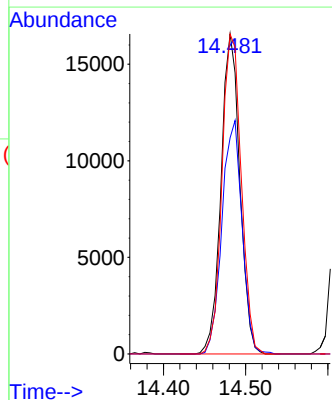
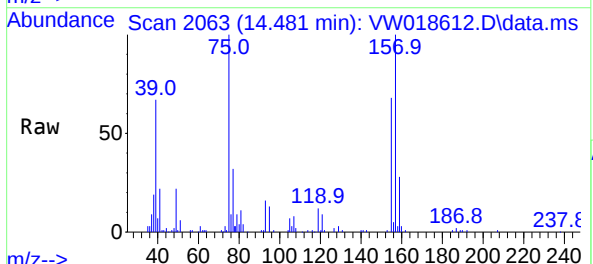
Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

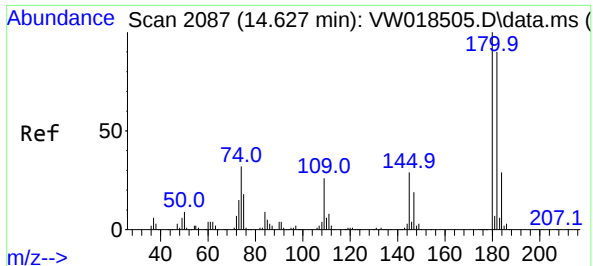
Tgt Ion:	146	Resp:	328641
Ion	Ratio	Lower	Upper
146	100		
111	43.2	33.2	49.8
148	66.1	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.42 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

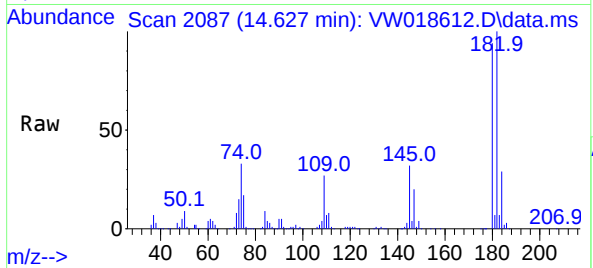
Tgt Ion:	75	Resp:	26385
Ion	Ratio	Lower	Upper
75	100		
155	67.6	59.4	89.0
157	100.0	72.2	108.2





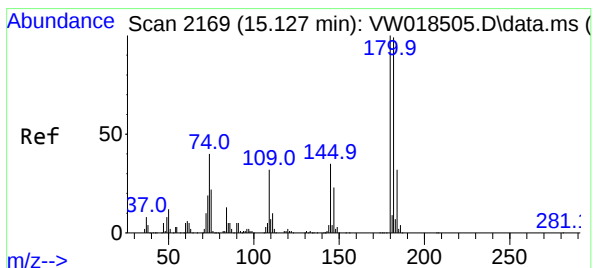
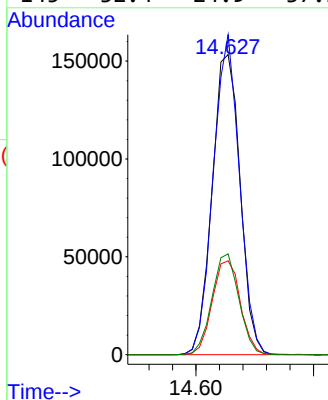
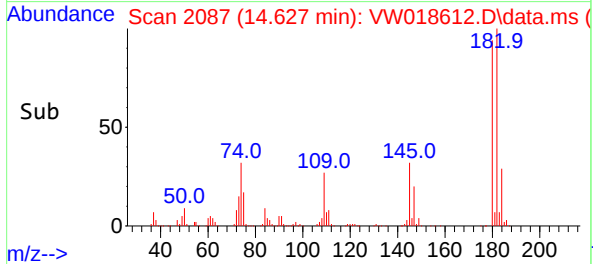
#69
1,3,5-Trichlorobenzene
Concen: 25.34 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

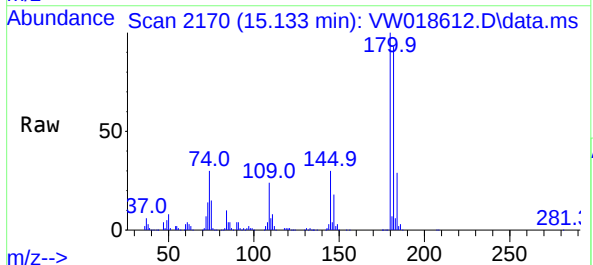


Tgt Ion:180 Resp: 253831

Ion	Ratio	Lower	Upper
180	100		
182	100.1	73.4	110.2
184	31.5	23.6	35.4
145	32.4	24.9	37.3

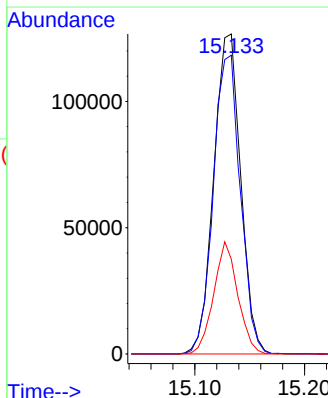
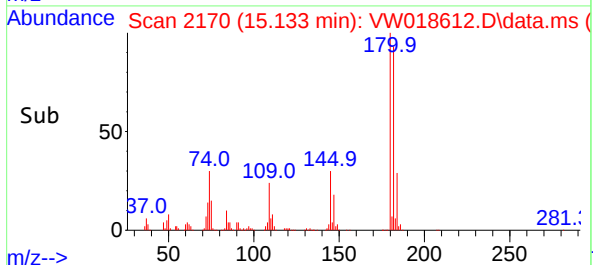


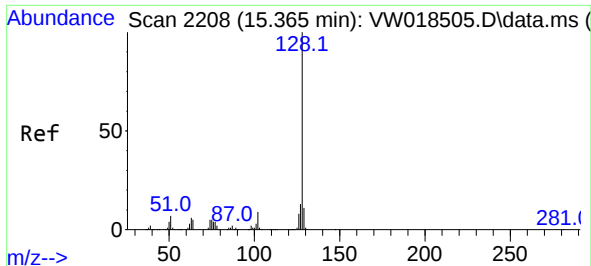
#70
1,2,4-trichlorobenzene
Concen: 25.65 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21



Tgt Ion:180 Resp: 216532

Ion	Ratio	Lower	Upper
180	100		
182	93.8	74.7	112.1
145	31.4	25.0	37.4

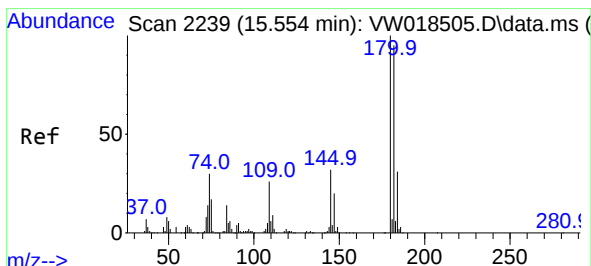
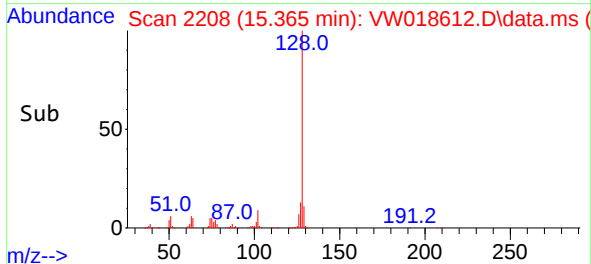
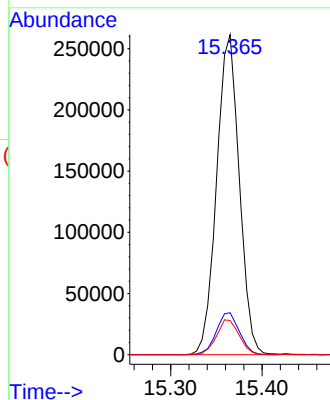
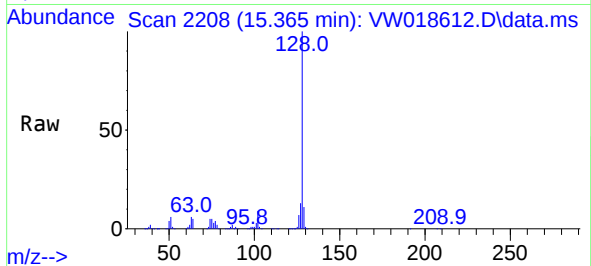




#71
Naphthalene
Concen: 25.18 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025112

Tgt Ion:128 Resp: 450646
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.13 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:180 Resp: 190245
Ion Ratio Lower Upper
180 100
182 96.0 76.7 115.1
145 33.6 28.9 43.3

