

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
 Data File : VW018552.D
 Acq On : 05 Apr 2021 11:51
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Apr 06 01:13:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 23:44:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	504511	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470246	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	253901	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	173733	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.00%
7) Chloroethane-d5	2.892	69	143333	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
10) 1,1-Dichloroethene-d2	4.019	63	290779	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.96%
20) 2-Butanone-d5	7.074	46	86075	55.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.14%
24) Chloroform-d	7.647	84	319405	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.305	65	187445	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.96%
29) Benzene-d6	8.269	84	595055	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	9.275	67	174812	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.323	98	588261	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloroprop...	10.579	79	89079	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.80%
39) 2-Hexanone-d5	10.921	63	71507	50.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.34%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	175199	27.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	208862	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	129248	22.31	ug/L	97
3) Chloromethane	2.215	50	156796	21.47	ug/L	98
5) Vinyl chloride	2.367	62	250798	26.15	ug/L	99
6) Bromomethane	2.782	94	169285	24.44	ug/L	99
8) Chloroethane	2.928	64	148915	24.90	ug/L	99
9) Trichlorofluoromethane	3.263	101	113781	23.58	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	172597	27.82	ug/L	99
12) 1,1-Dichloroethene	4.038	96	165817	26.18	ug/L	93
13) Acetone	4.117	43	60553	53.93	ug/L	100
14) Carbon disulfide	4.385	76	499192	26.18	ug/L	99
15) Methyl Acetate	4.672	43	77462	30.16	ug/L	96
16) Methylene chloride	4.916	84	176515	21.33	ug/L	94
17) Methyl tert-butyl Ether	5.428	73	239543	25.89	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	185293	26.50	ug/L	95
19) 1,1-Dichloroethane	6.214	63	316558	26.54	ug/L	97
21) 2-Butanone	7.165	43	101708	57.01	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	194304	26.42	ug/L	95
23) Bromochloromethane	7.513	128	90338	27.76	ug/L	91
25) Chloroform	7.671	83	345519	27.29	ug/L	99
27) 1,2-Dichloroethane	8.397	62	245860	27.37	ug/L	99

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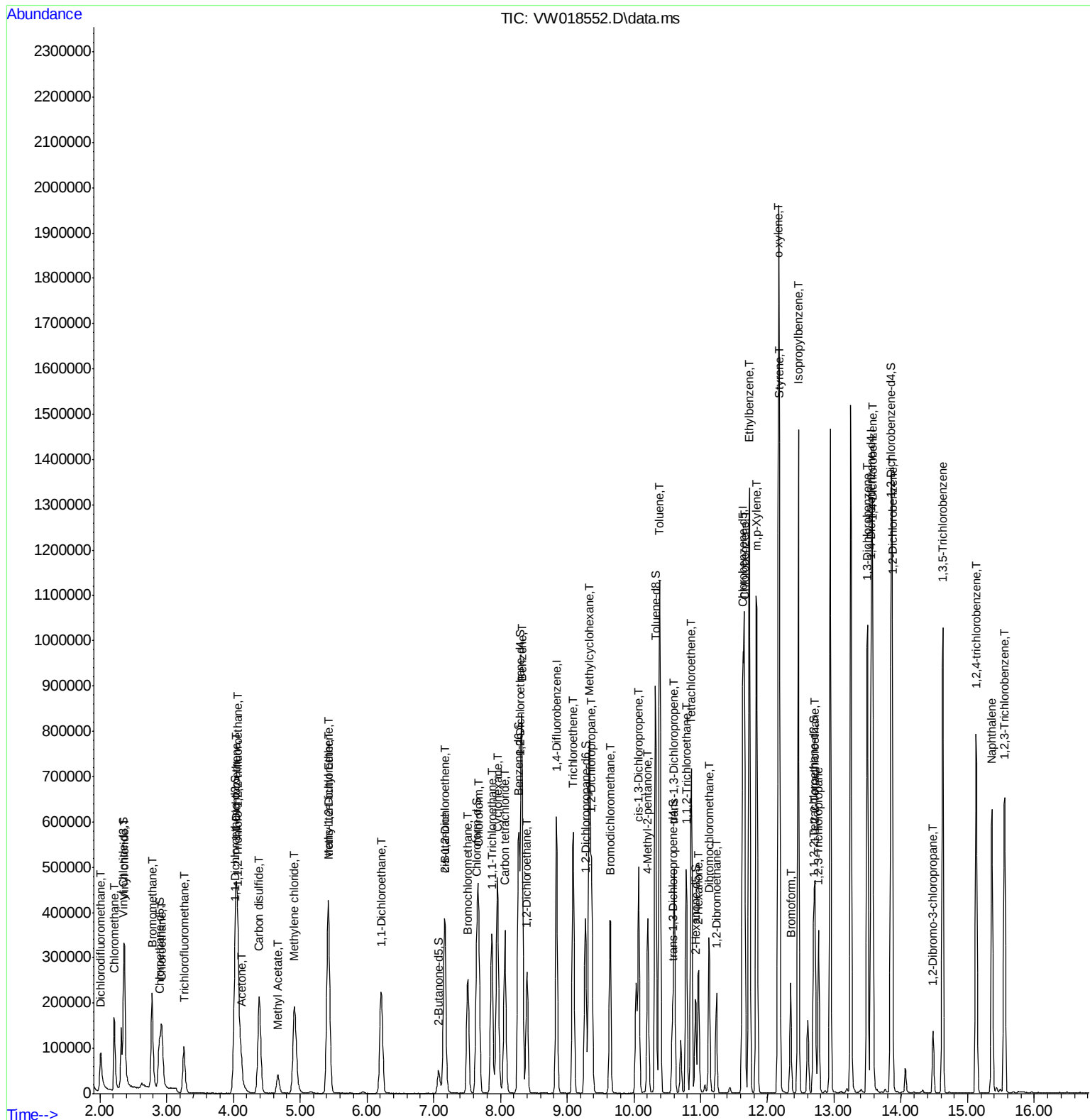
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	278947	24.99	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	282049	26.84	ug/L	98
32) Carbon tetrachloride	8.067	117	269919	27.56	ug/L	98
34) Benzene	8.323	78	727234	26.70	ug/L	100
35) Trichloroethene	9.092	95	198760	26.42	ug/L	98
36) Methylcyclohexane	9.336	83	335229	25.44	ug/L	99
40) 1,2-Dichloropropane	9.366	63	176864	26.55	ug/L	99
41) Bromodichloromethane	9.640	83	253211	26.89	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	293254	26.03	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	233453	58.27	ug/L	95
44) Toluene	10.384	91	833159	26.91	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	267552	26.45	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	149946	28.23	ug/L	98
47) Tetrachloroethene	10.860	164	153053	26.79	ug/L	92
49) 2-Hexanone	10.969	43	160283	56.54	ug/L	98
50) Dibromochloromethane	11.128	129	174260	27.82	ug/L	93
51) 1,2-Dibromoethane	11.238	107	150411	28.59	ug/L #	96
52) Chlorobenzene	11.658	112	527960	26.89	ug/L	98
53) Ethylbenzene	11.731	91	925368	26.51	ug/L	98
54) m,p-Xylene	11.835	106	353084	26.47	ug/L	94
55) o-xylene	12.164	106	340835	26.80	ug/L	99
56) Styrene	12.183	104	605252	27.91	ug/L	93
57) Isopropylbenzene	12.463	105	931817	26.94	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	190269	29.59	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	141065	29.06	ug/L	99
62) Bromoform	12.347	173	104509	26.84	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	403898	24.85	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	421854	25.73	ug/L	99
65) 1,2-Dichlorobenzene	13.871	146	372319	25.64	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	33959	25.87	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.627	180	295479	25.21	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	242687	24.34	ug/L	97
69) Naphthalene	15.365	128	537540	25.89	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	214082	24.60	ug/L	99

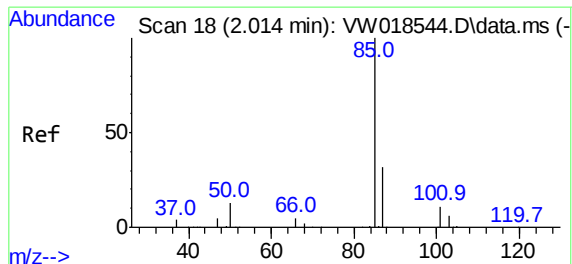
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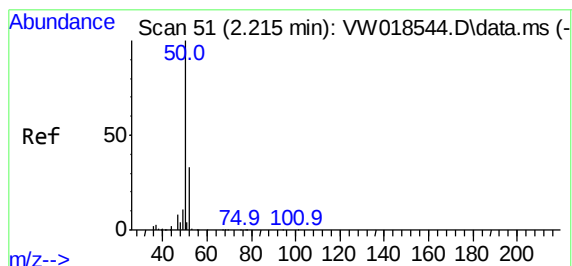
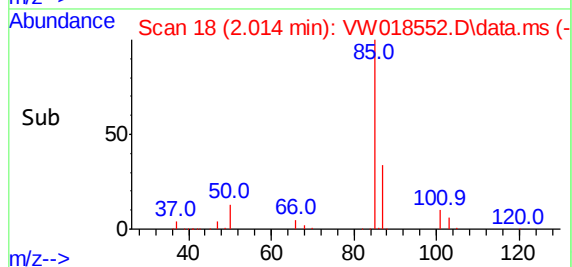
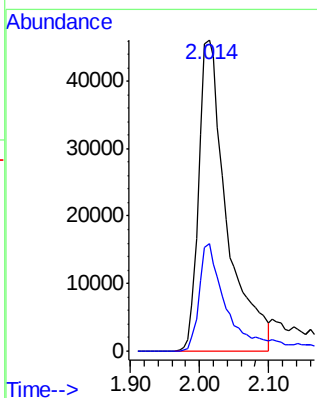
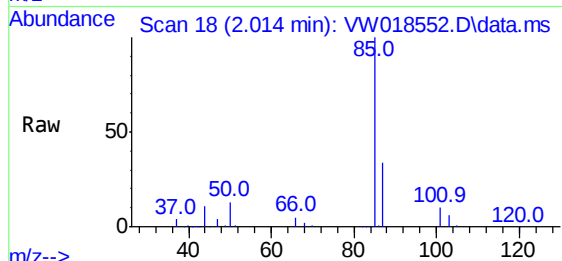




#2
Dichlorodifluoromethane
Concen: 22.31 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

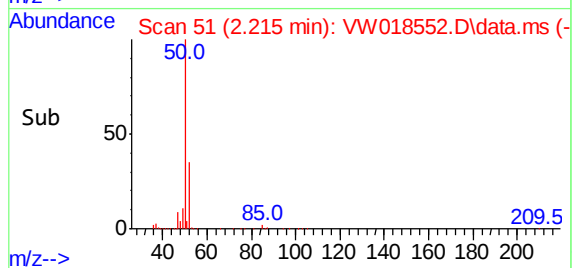
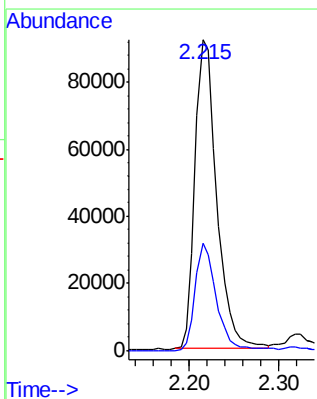
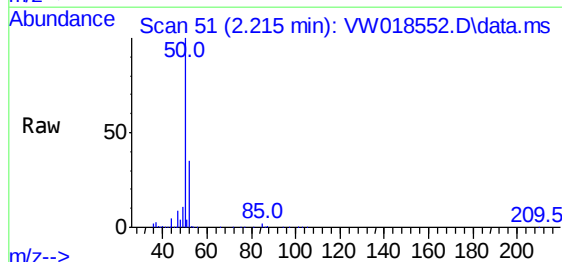
Instrument :
MSVOA_W
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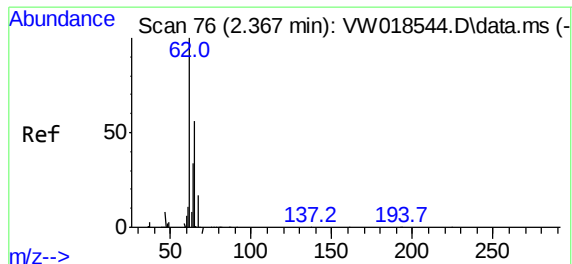
Tgt Ion: 85 Resp: 129248
Ion Ratio Lower Upper
85 100
87 30.2 22.2 41.2



#3
Chloromethane
Concen: 21.47 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 50 Resp: 156796
Ion Ratio Lower Upper
50 100
52 34.7 23.7 43.9

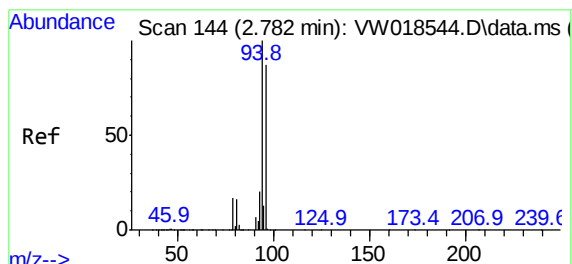
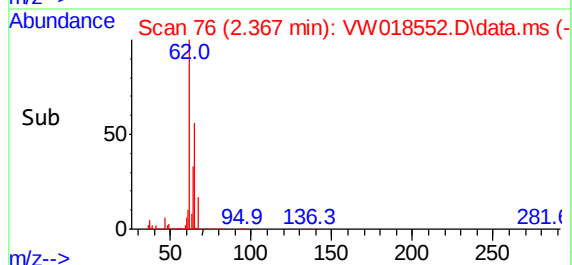
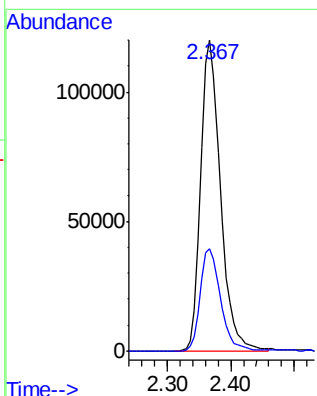
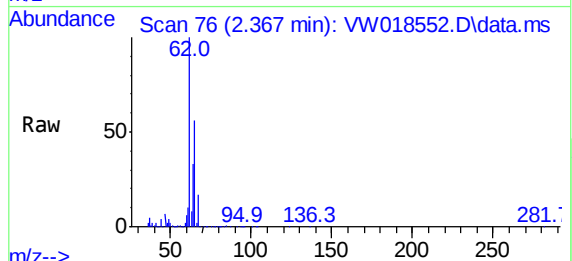




#5
 Vinyl chloride
 Concen: 26.15 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018552.D
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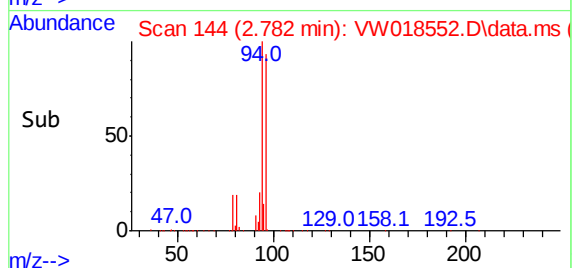
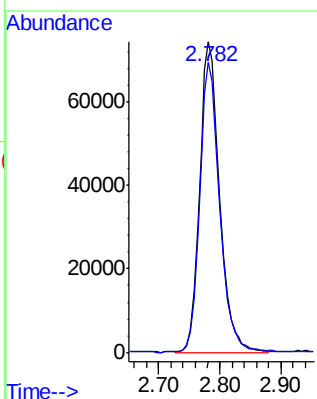
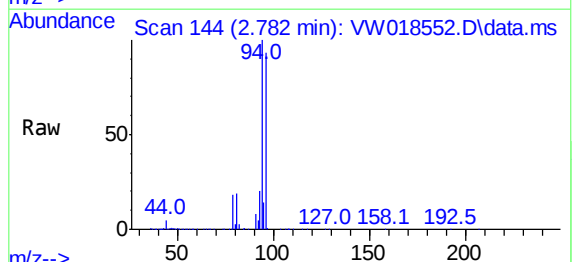
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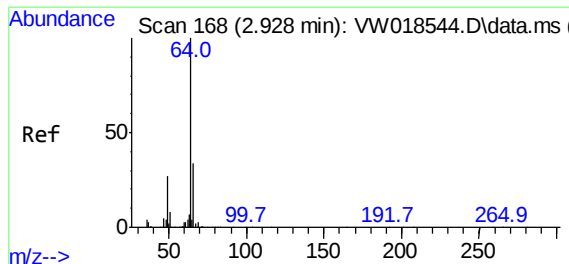
Tgt Ion: 62 Resp: 250798
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.5 43.7



#6
 Bromomethane
 Concen: 24.44 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

Tgt Ion: 94 Resp: 169285
 Ion Ratio Lower Upper
 94 100
 96 93.3 9.4 179.4

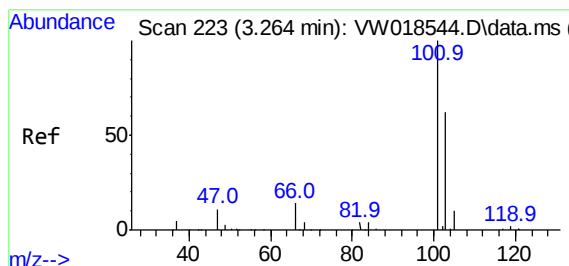
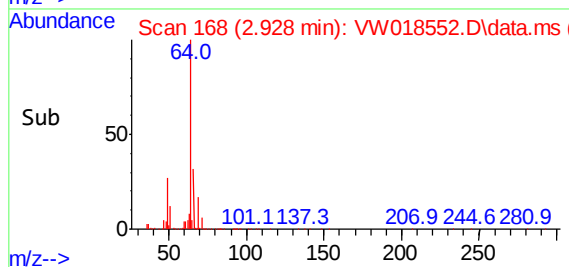
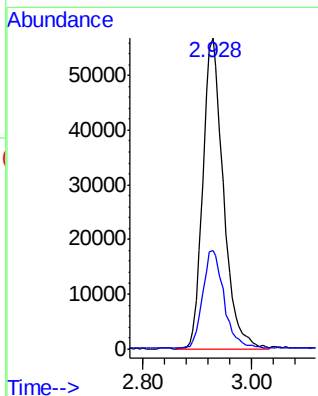
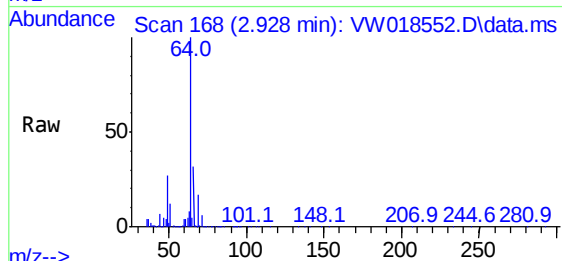




#8
Chloroethane
Concen: 24.90 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

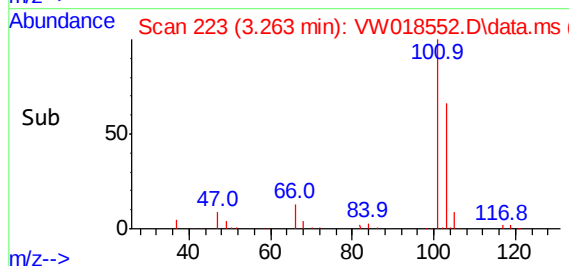
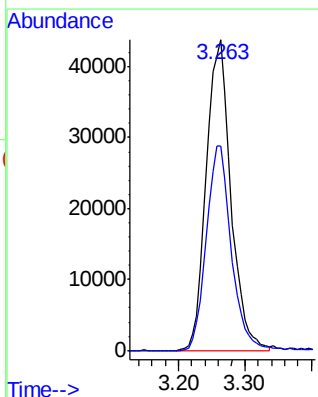
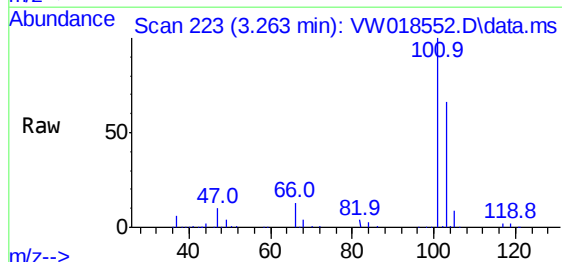
Instrument :
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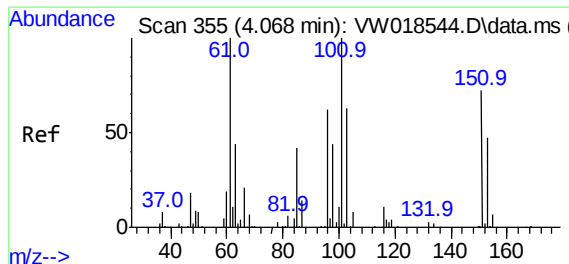
Tgt Ion: 64 Resp: 148915
Ion Ratio Lower Upper
64 100
66 31.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 23.58 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion:101 Resp: 113781
Ion Ratio Lower Upper
101 100
103 66.5 45.6 84.8



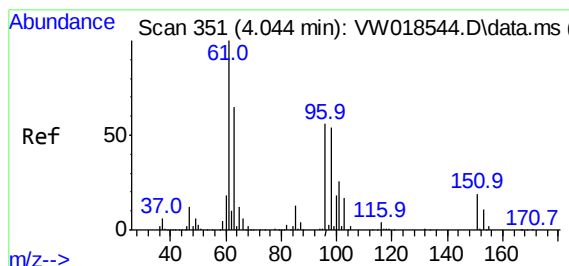
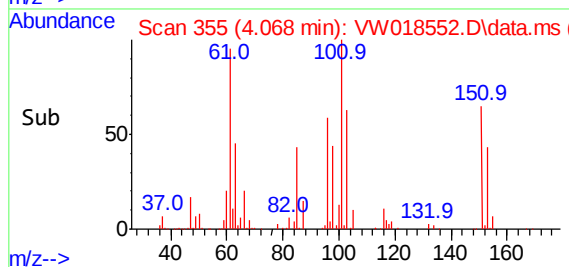
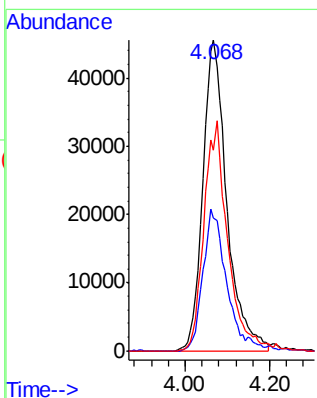
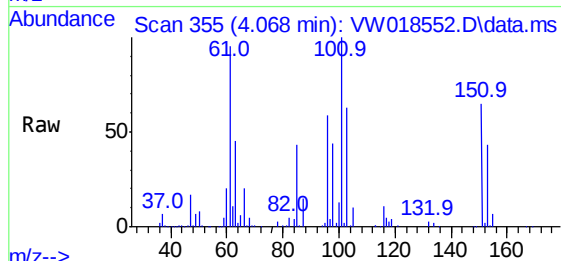


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.82 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018552.D
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Tgt Ion:101 Resp: 172597

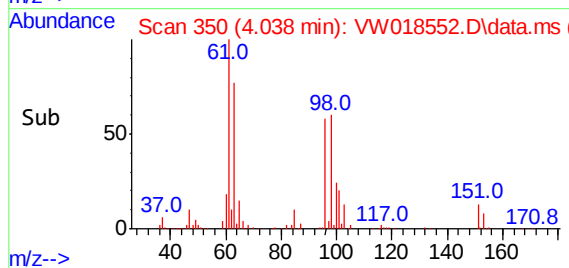
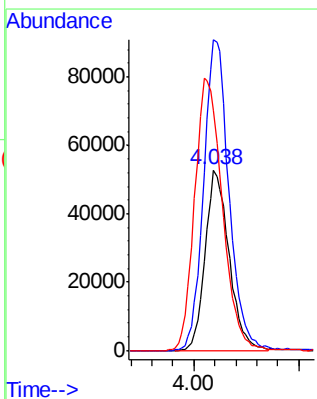
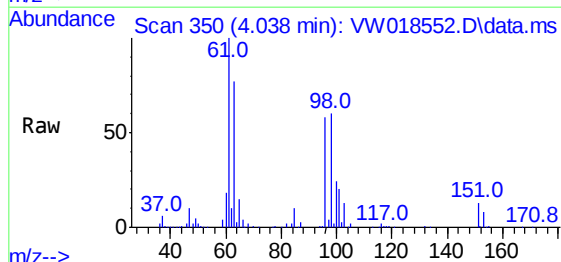
Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.6	53.4
151	72.1	58.1	87.1

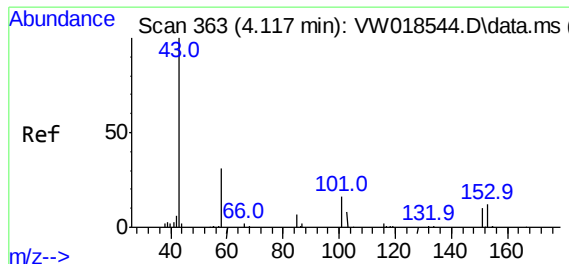


#12
 1,1-Dichloroethene
 Concen: 26.18 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW018552.D
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Tgt Ion: 96 Resp: 165817

Ion	Ratio	Lower	Upper
96	100		
61	172.5	118.6	220.2
63	133.5	82.4	153.0

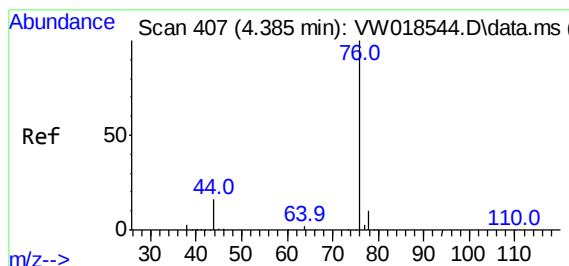
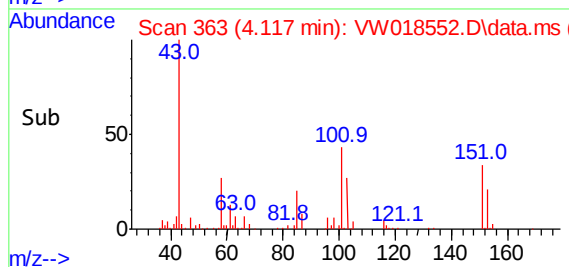
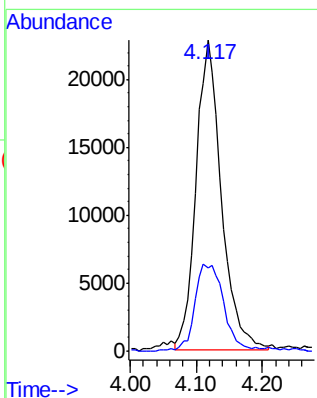
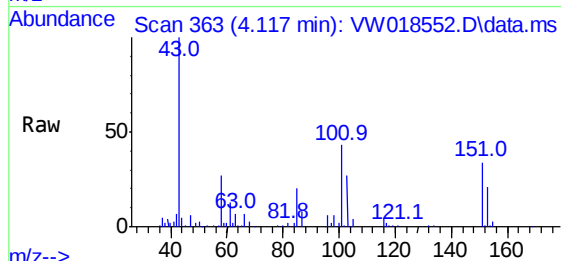




#13
Acetone
Concen: 53.93 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
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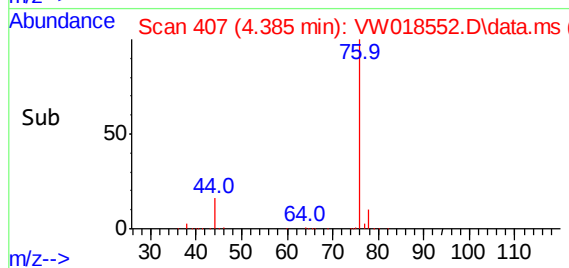
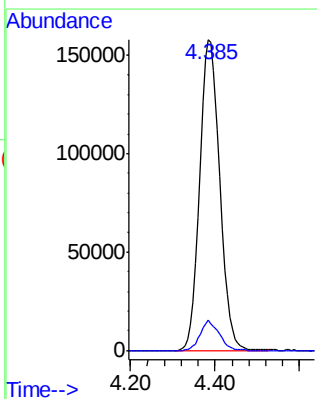
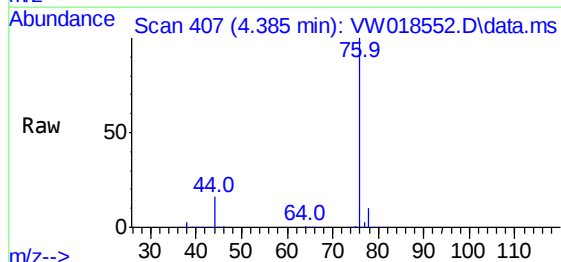
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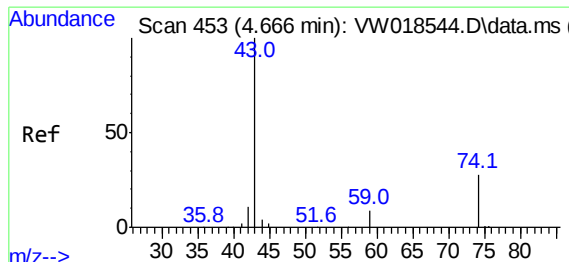
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Ion Ratio Lower Upper
43 100
58 31.1 0.0 62.2



#14
Carbon disulfide
Concen: 26.18 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 499192
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

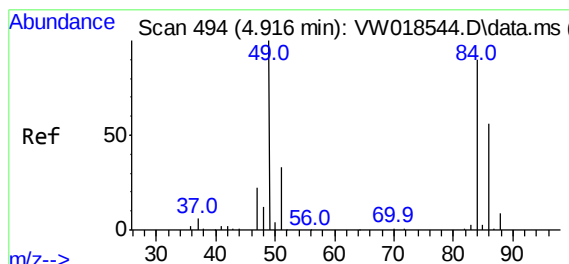
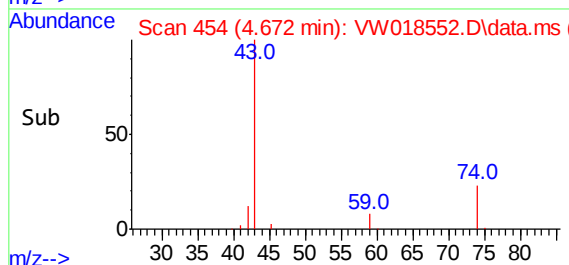
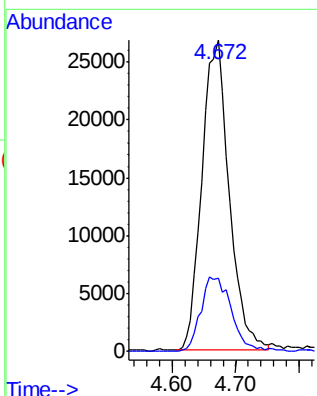
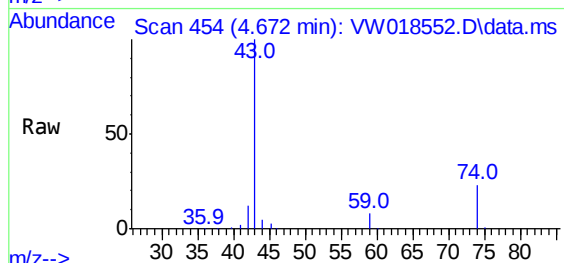




#15
Methyl Acetate
Concen: 30.16 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

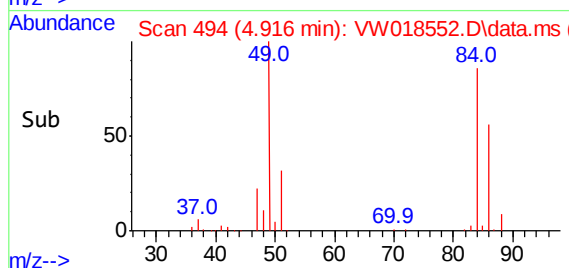
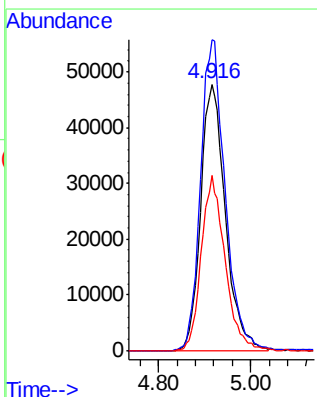
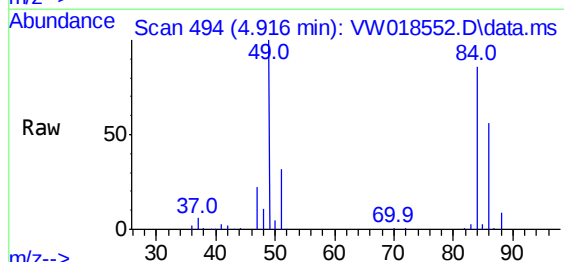
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

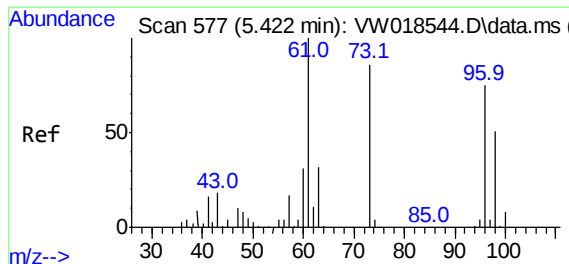
Tgt Ion: 43 Resp: 77462
Ion Ratio Lower Upper
43 100
74 26.4 22.9 34.3



#16
Methylene chloride
Concen: 21.33 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 84 Resp: 176515
Ion Ratio Lower Upper
84 100
49 116.6 74.4 138.2
86 65.5 46.1 85.7

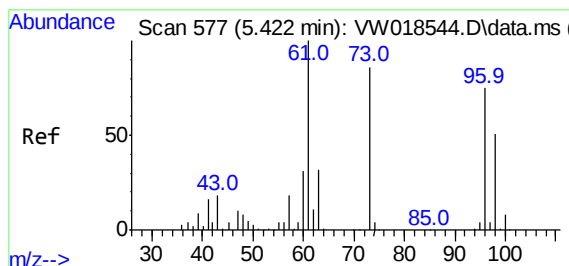
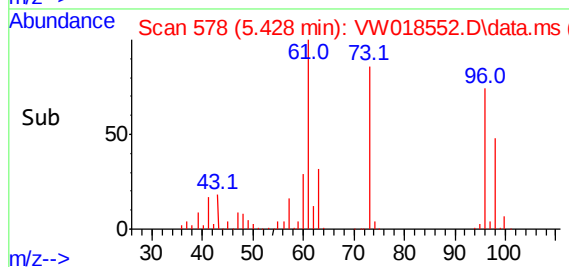
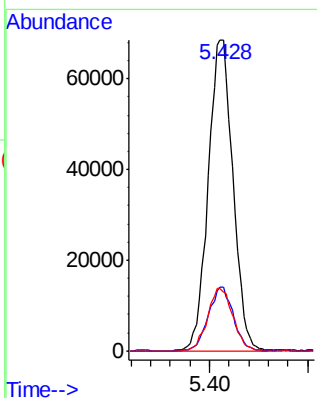
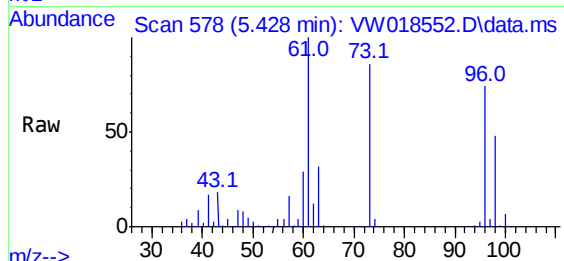




#17
Methyl tert-butyl Ether
Concen: 25.89 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

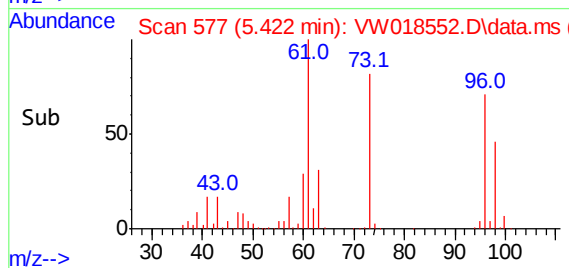
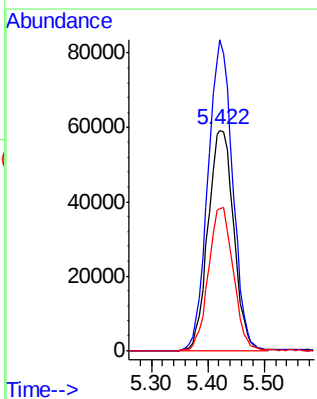
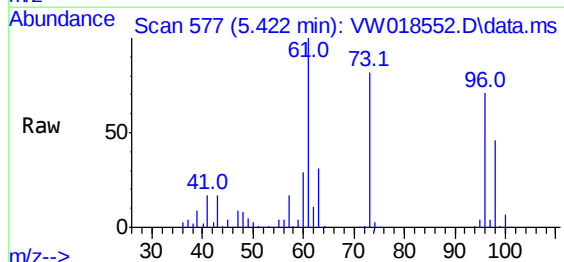
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

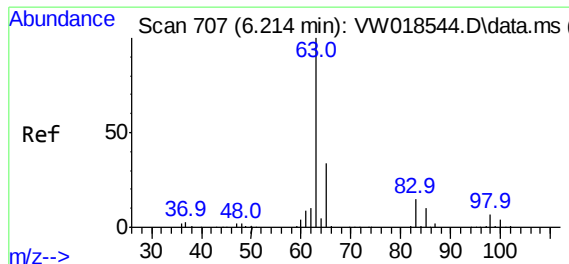
Tgt Ion: 73 Resp: 239543
Ion Ratio Lower Upper
73 100
43 20.5 16.6 24.8
57 20.7 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 26.50 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 96 Resp: 185293
Ion Ratio Lower Upper
96 100
61 141.1 93.3 173.3
98 64.4 45.2 84.0

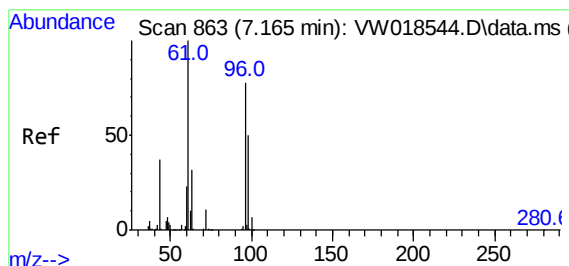
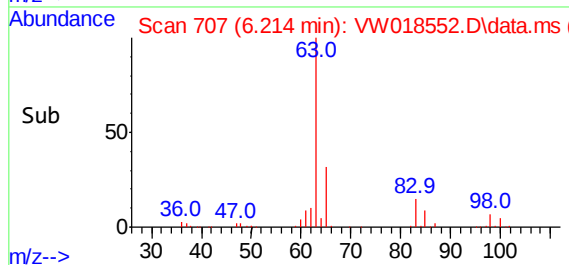
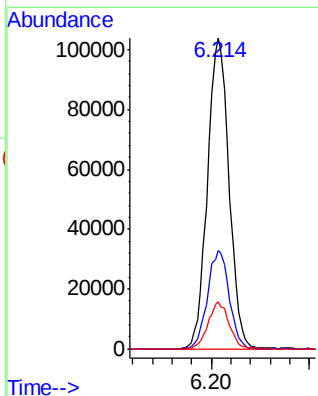
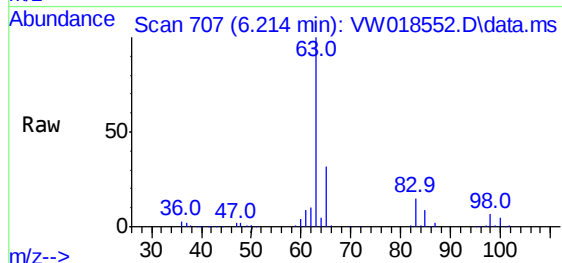




#19
1,1-Dichloroethane
Concen: 26.54 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

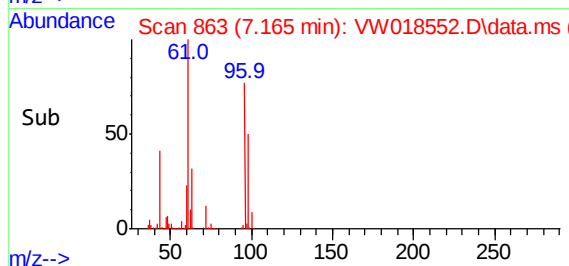
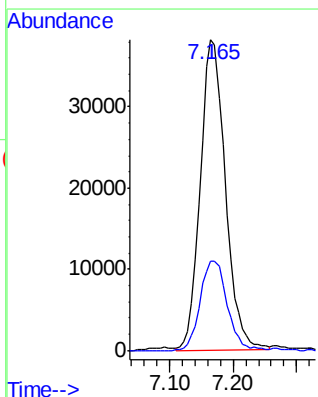
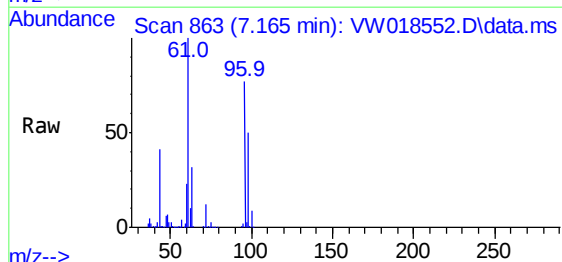
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

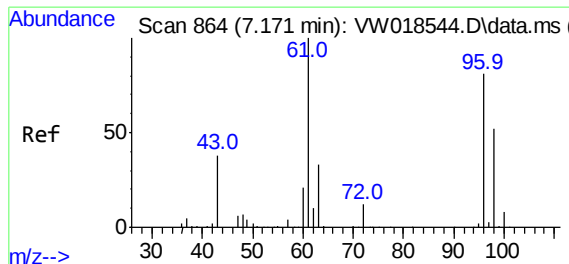
Tgt Ion: 63 Resp: 316558
Ion Ratio Lower Upper
63 100
65 31.7 23.5 43.7
83 15.2 10.3 19.1



#21
2-Butanone
Concen: 57.01 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 43 Resp: 101708
Ion Ratio Lower Upper
43 100
72 30.9 16.5 49.5



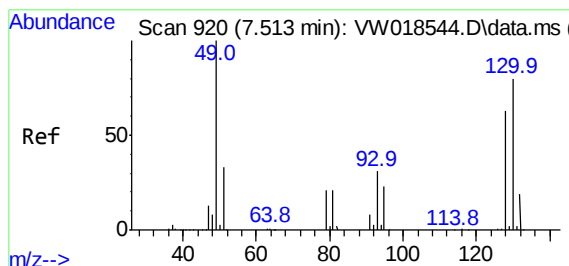
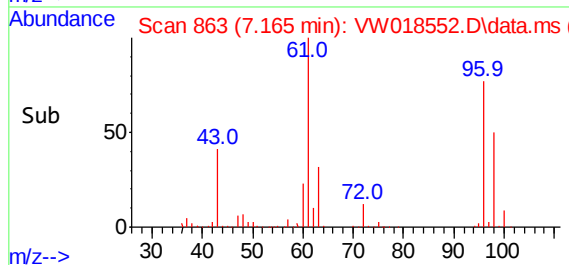
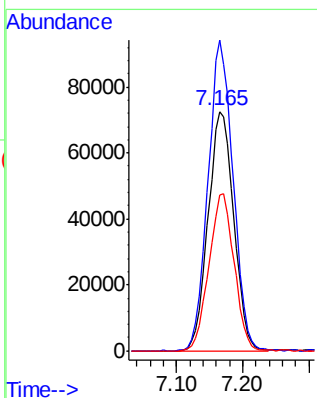
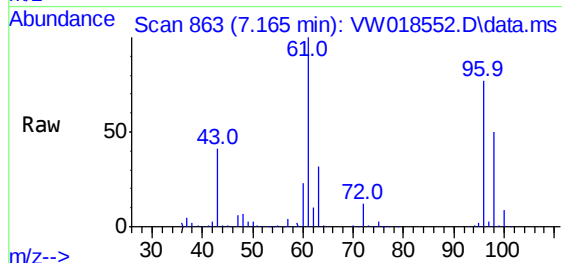


#22
 cis-1,2-Dichloroethene
 Concen: 26.42 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Tgt Ion: 96 Resp: 194304

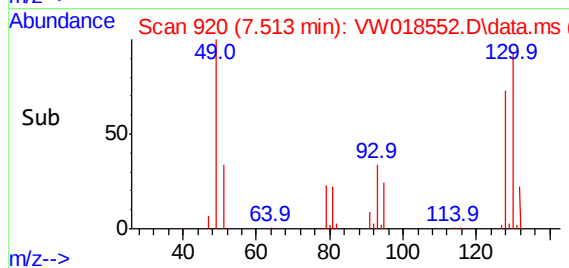
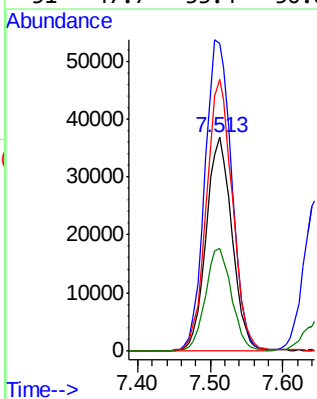
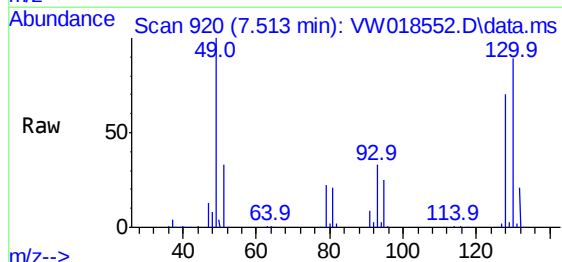
Ion	Ratio	Lower	Upper
96	100		
61	129.8	84.8	157.6
98	65.2	45.1	83.9

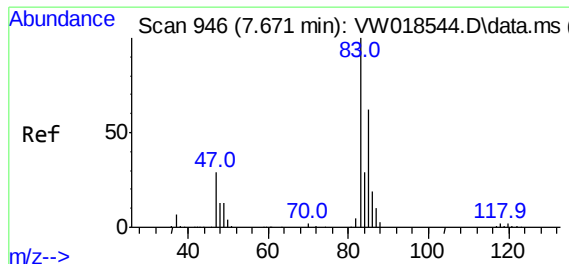


#23
 Bromochloromethane
 Concen: 27.76 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

Tgt Ion: 128 Resp: 90338

Ion	Ratio	Lower	Upper
128	100		
49	143.6	92.4	171.6
130	127.3	83.9	155.7
51	47.7	33.4	50.0

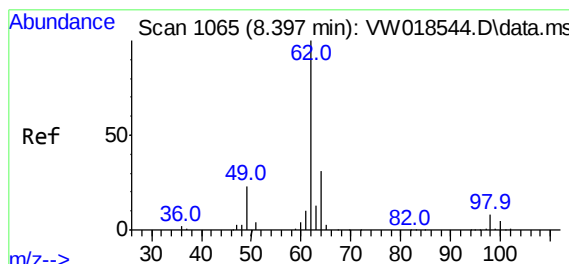
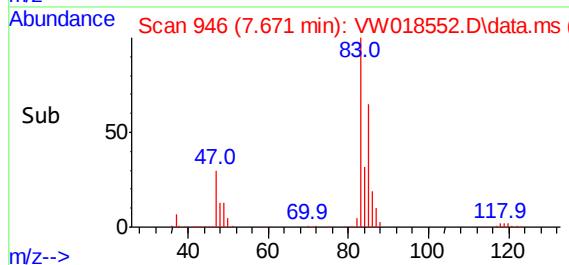
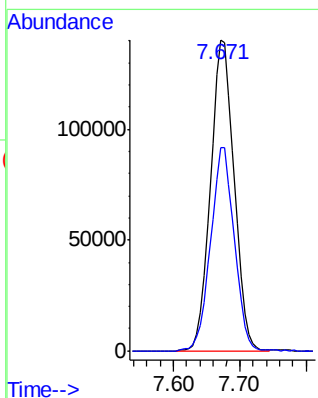
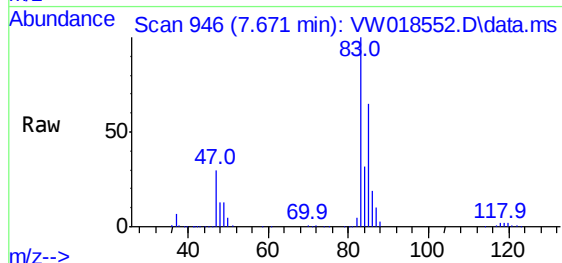




#25
Chloroform
Concen: 27.29 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

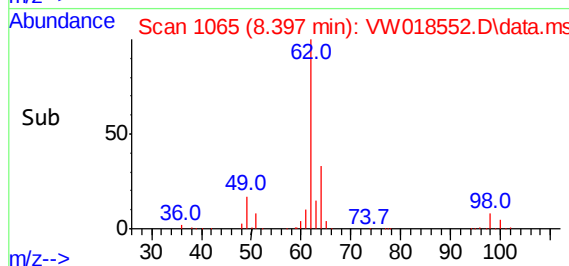
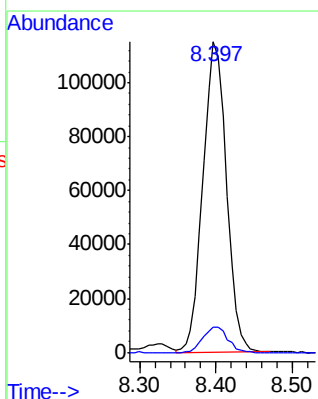
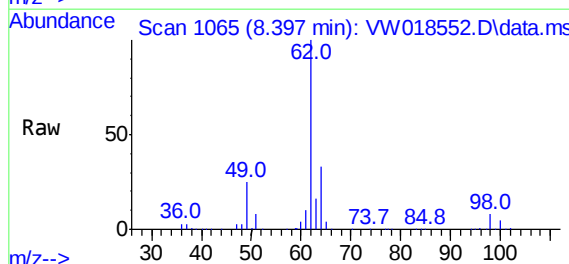
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

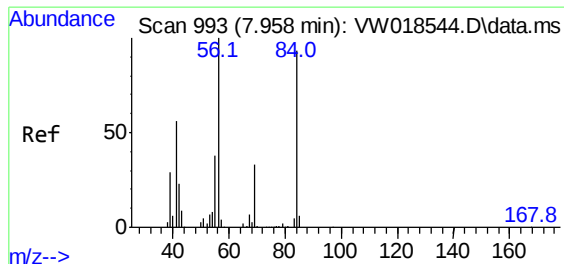
Tgt Ion: 83 Resp: 345519
Ion Ratio Lower Upper
83 100
85 65.5 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.37 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 62 Resp: 245860
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6

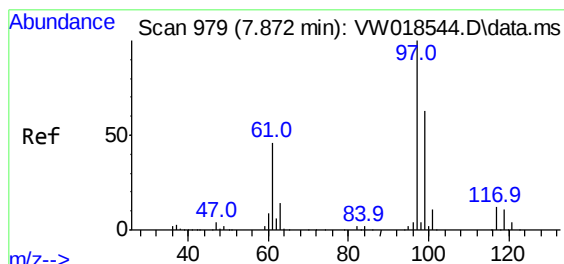
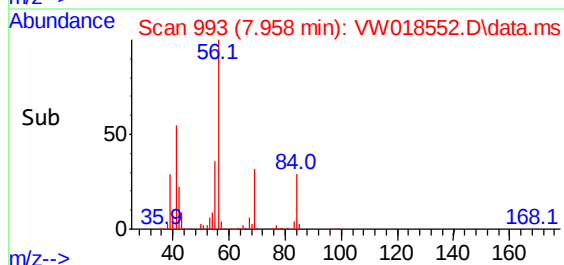
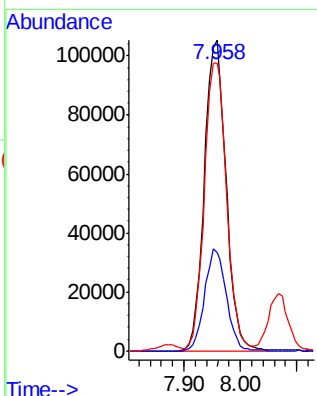
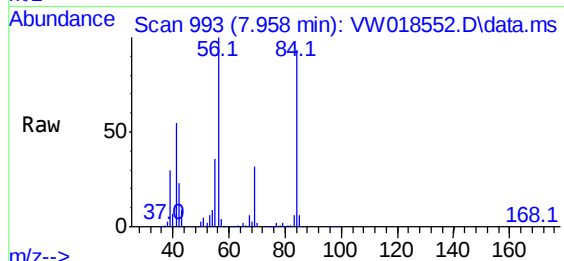




#30
Cyclohexane
Concen: 24.99 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

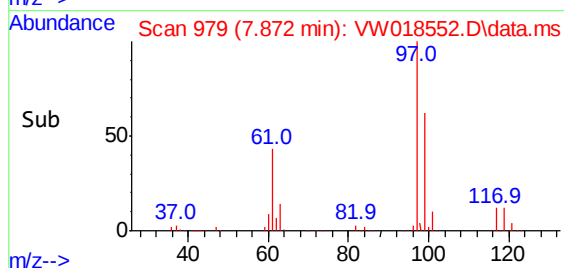
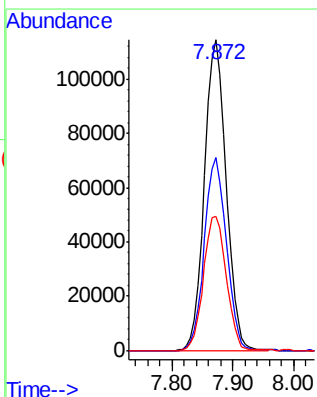
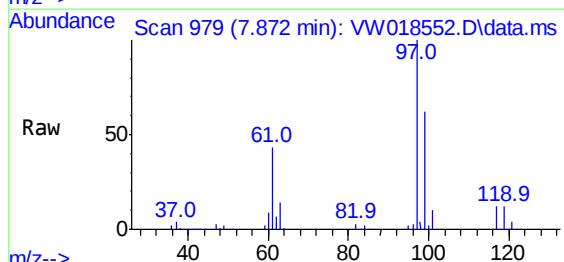
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

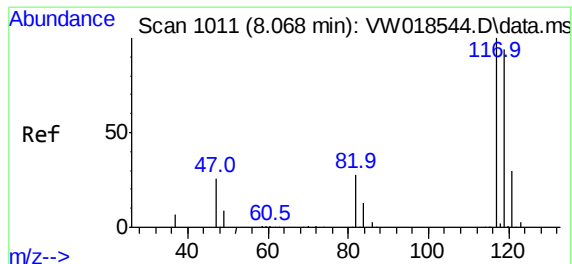
Tgt Ion: 56 Resp: 278947
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 94.8 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 26.84 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 97 Resp: 282049
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 45.3 34.8 52.2

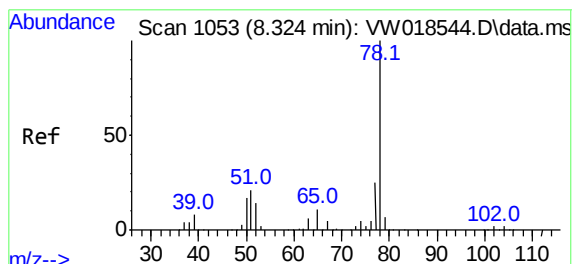
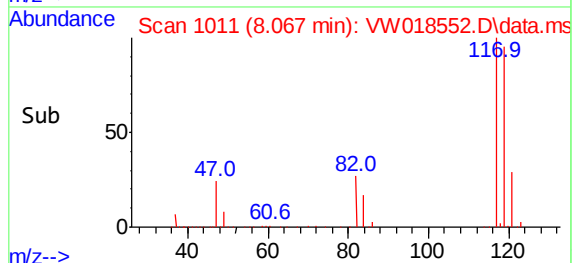
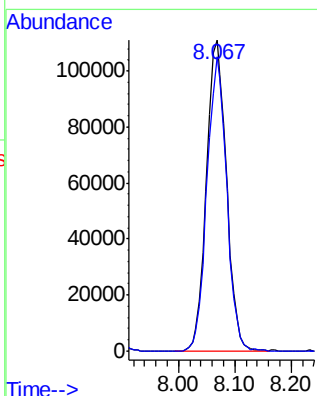
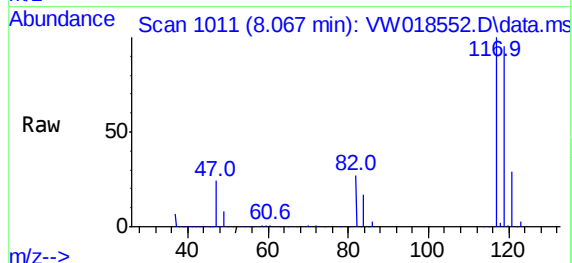




#32
Carbon tetrachloride
Concen: 27.56 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

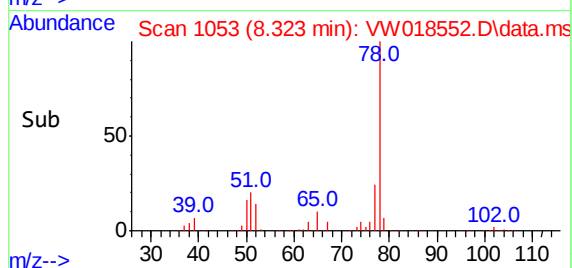
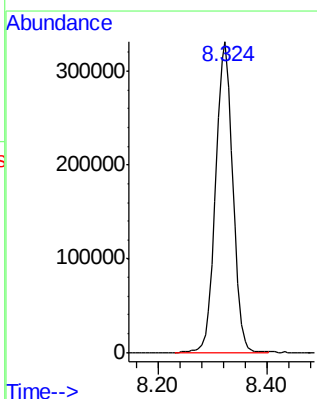
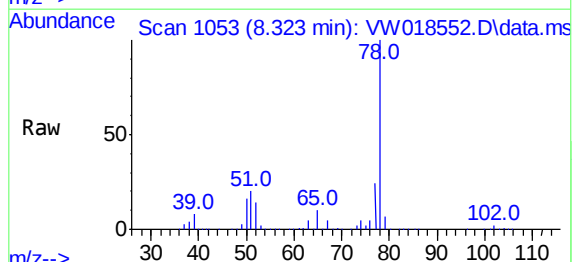
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

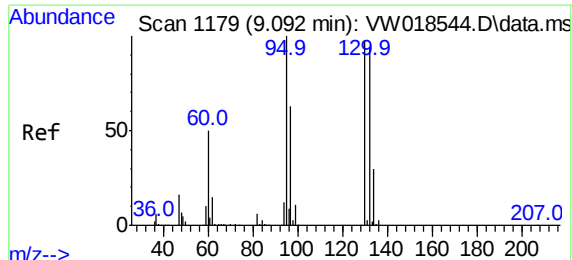
Tgt Ion:117 Resp: 269919
Ion Ratio Lower Upper
117 100
119 93.5 76.7 115.1



#34
Benzene
Concen: 26.70 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 78 Resp: 727234



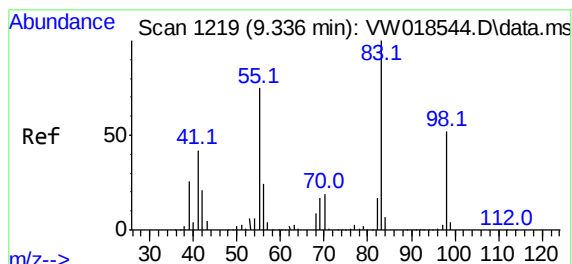
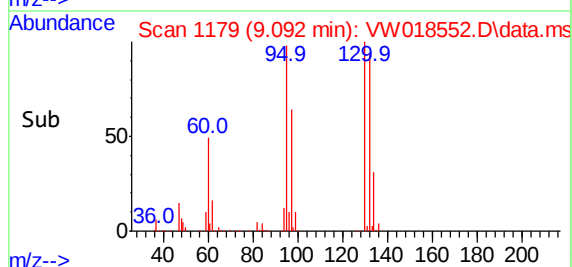
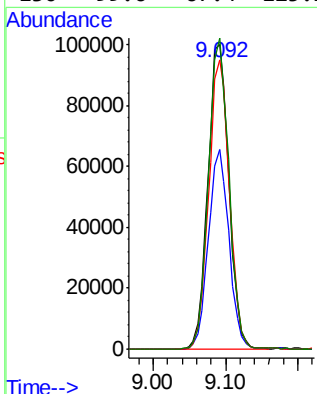
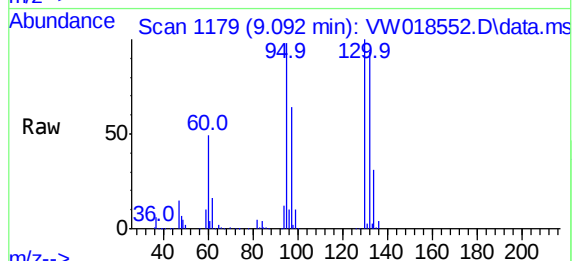


#35
Trichloroethene
Concen: 26.42 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion: 95 Resp: 198760

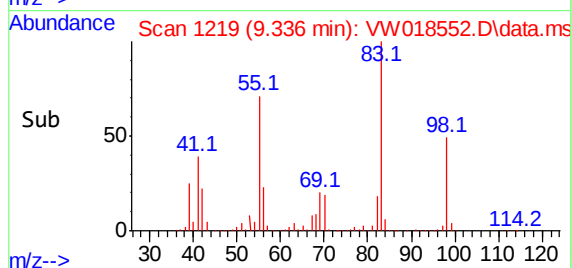
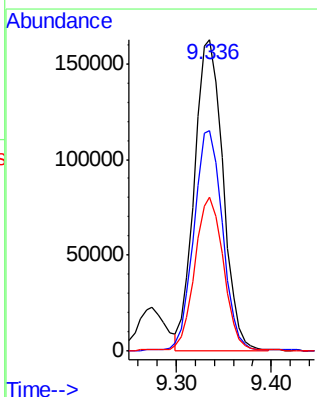
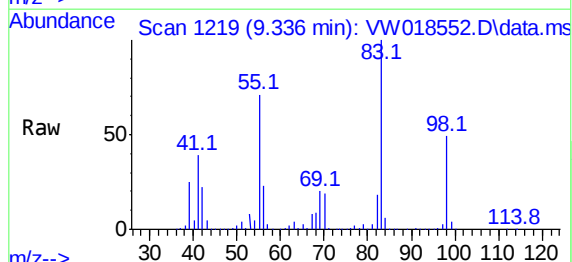
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.4	82.4
132	94.1	65.9	122.5
130	99.6	67.4	125.2

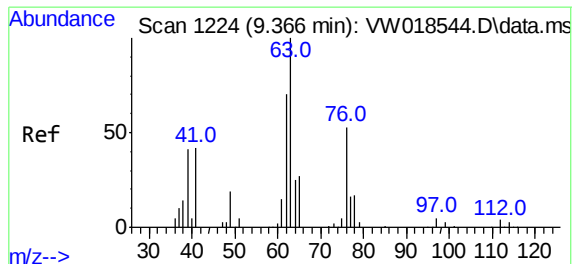


#36
Methylcyclohexane
Concen: 25.44 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 83 Resp: 335229

Ion	Ratio	Lower	Upper
83	100		
55	70.9	56.8	85.2
98	49.5	40.6	61.0

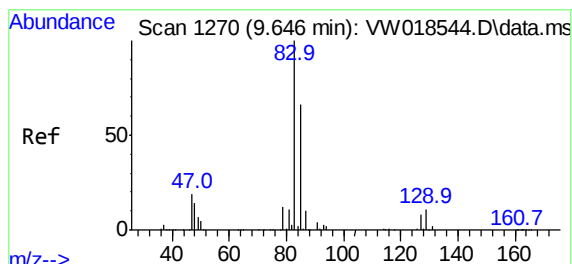
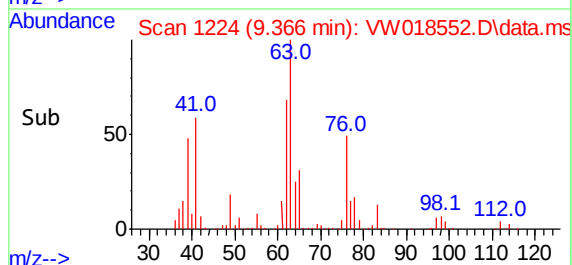
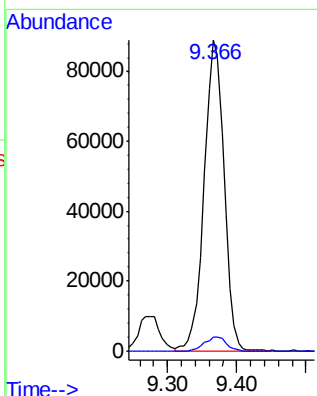
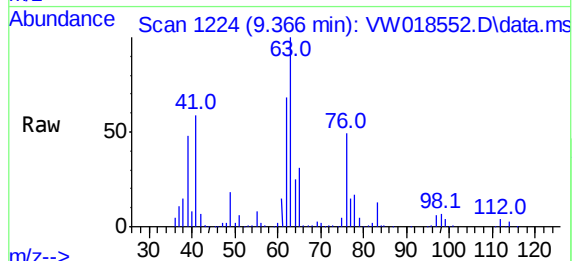




#40
1,2-Dichloropropane
Concen: 26.55 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

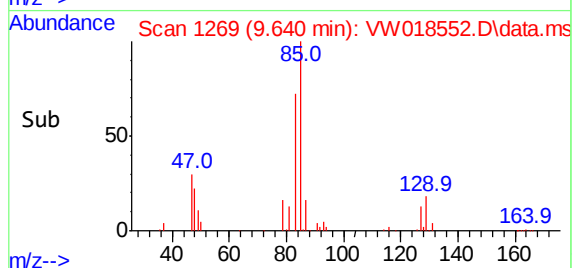
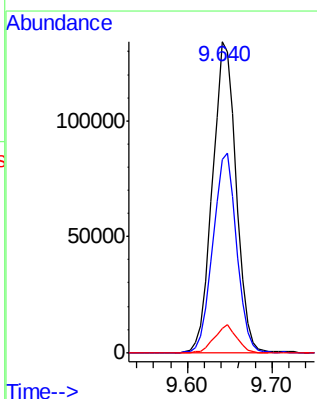
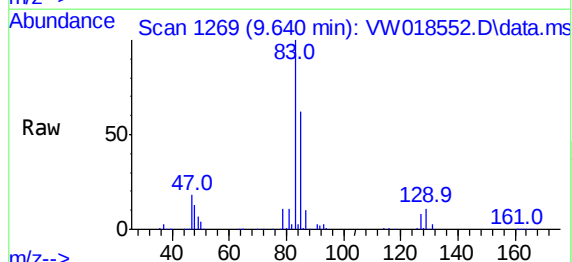
Instrument :
MSVOA_W
ClientSampled :
VSTD02528

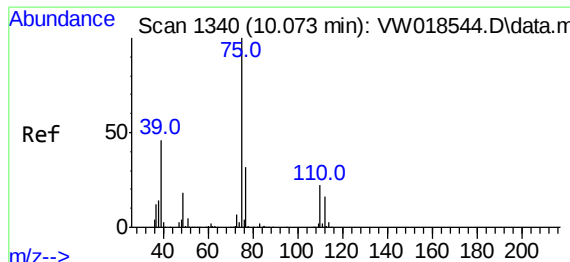
Tgt Ion: 63 Resp: 176864
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4



#41
Bromodichloromethane
Concen: 26.89 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 83 Resp: 253211
Ion Ratio Lower Upper
83 100
85 62.1 43.8 81.4
127 7.8 6.9 10.3

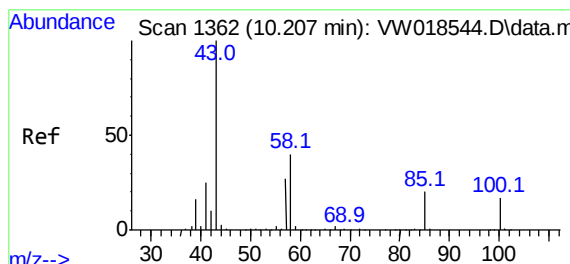
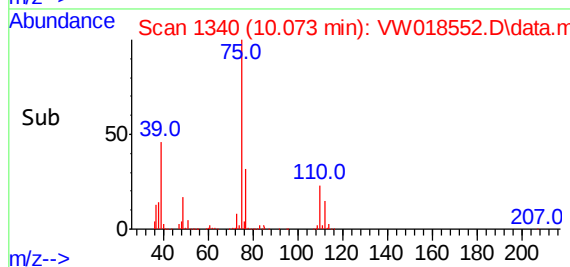
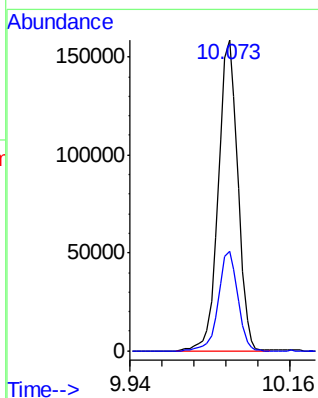
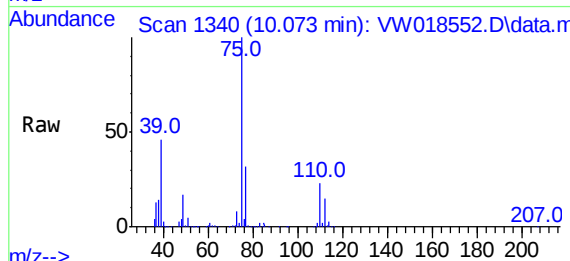




#42
 cis-1,3-Dichloropropene
 Concen: 26.03 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

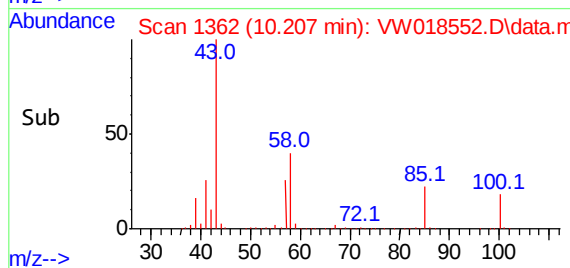
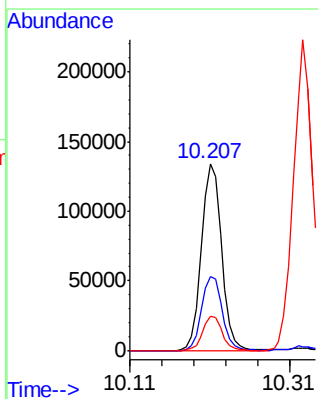
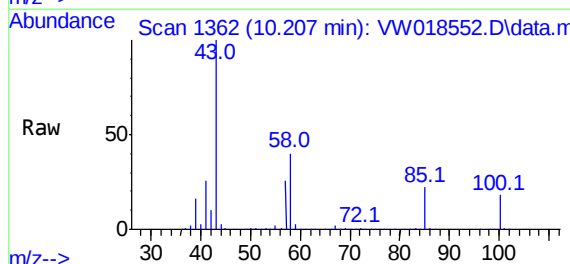
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD02528

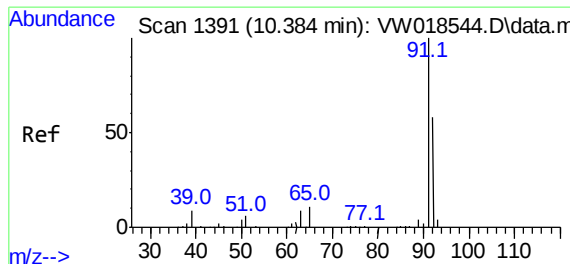
Tgt Ion: 75 Resp: 293254
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.4 41.6



#43
 4-Methyl-2-pentanone
 Concen: 58.27 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

Tgt Ion: 43 Resp: 233453
 Ion Ratio Lower Upper
 43 100
 58 40.5 34.8 52.2
 100 17.8 15.9 23.9





#44

Toluene

Concen: 26.91 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW018552.D

Acq: 05 Apr 2021 11:51

Instrument :

MSVOA_W

ClientSampleId :

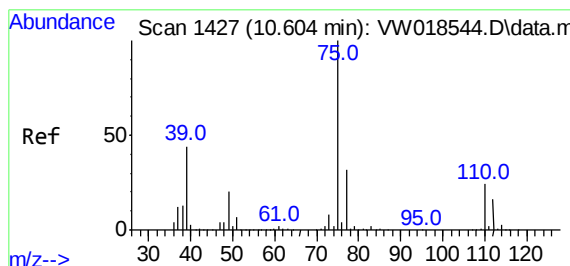
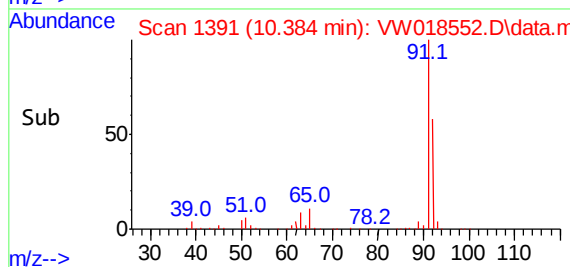
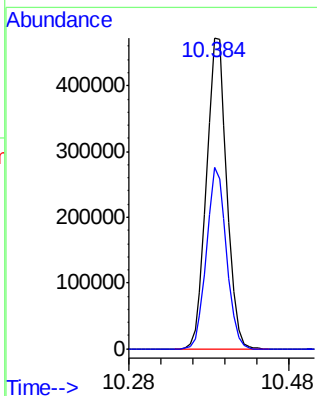
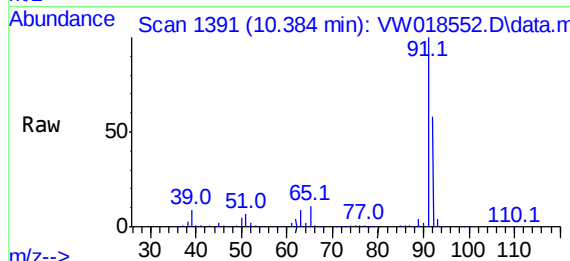
VSTD02528

Tgt Ion: 91 Resp: 833159

Ion Ratio Lower Upper

91 100

92 58.5 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 26.45 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018552.D

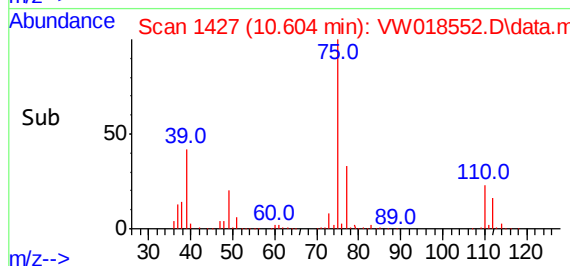
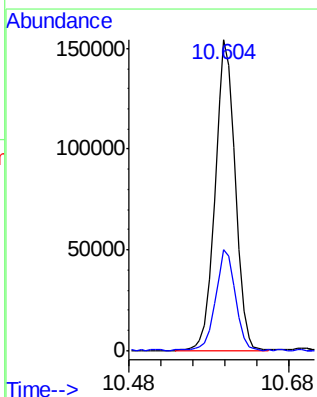
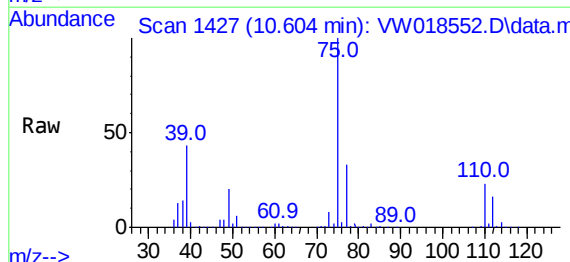
Acq: 05 Apr 2021 11:51

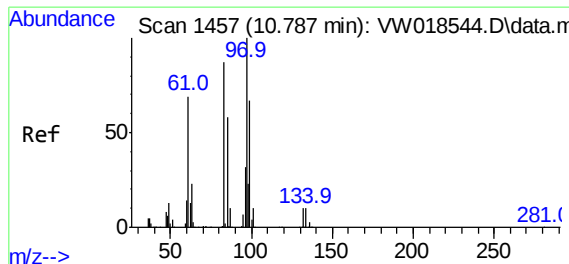
Tgt Ion: 75 Resp: 267552

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



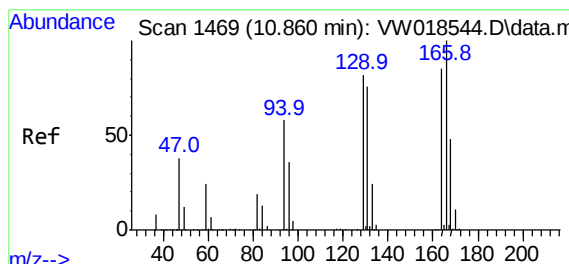
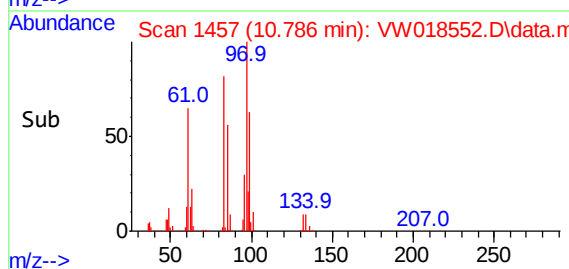
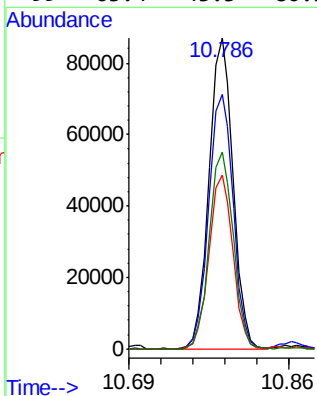
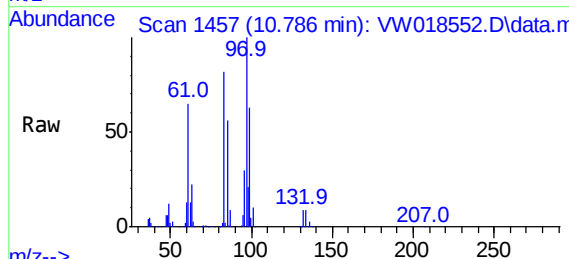


#46
1,1,2-Trichloroethane
Concen: 28.23 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion: 97 Resp: 149946

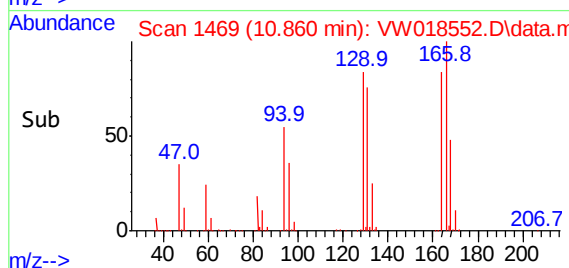
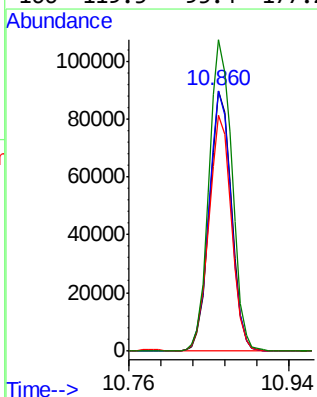
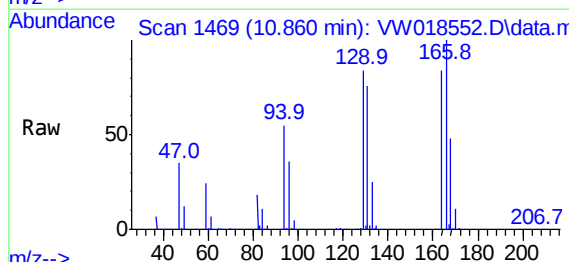
Ion	Ratio	Lower	Upper
97	100		
83	81.7	58.9	109.5
85	55.9	38.4	71.4
99	63.4	43.3	80.3

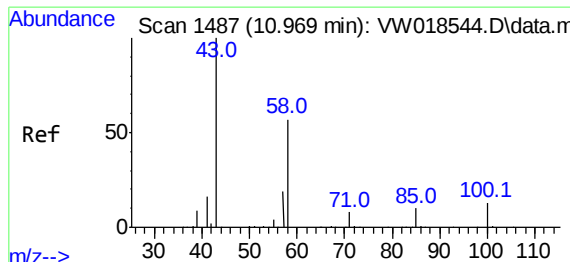


#47
Tetrachloroethene
Concen: 26.79 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 164 Resp: 153053

Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.8	127.8
131	90.7	68.3	126.8
166	119.5	95.4	177.2



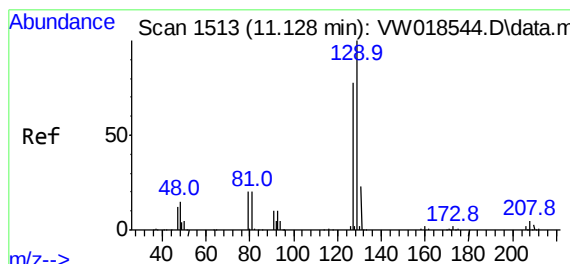
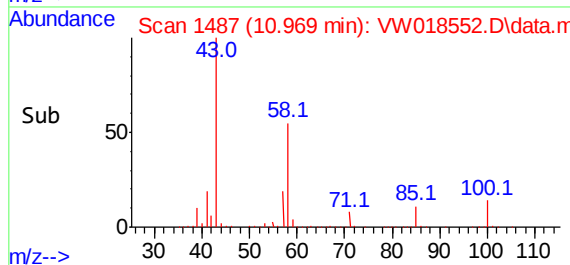
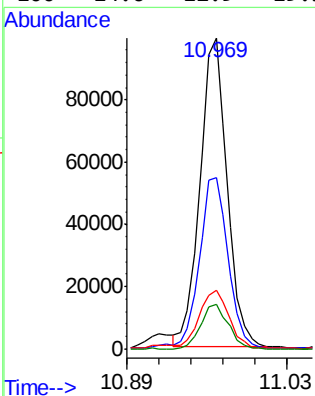
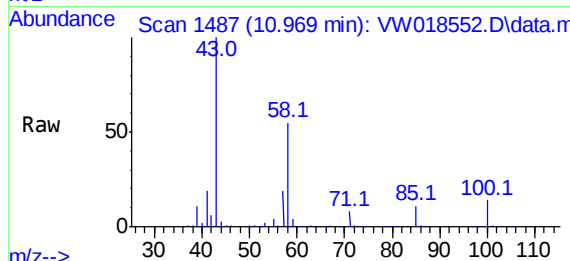


#49
2-Hexanone
Concen: 56.54 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion: 43 Resp: 160283

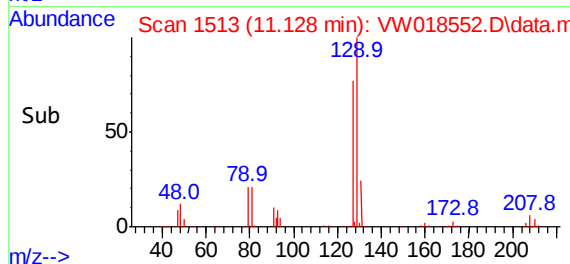
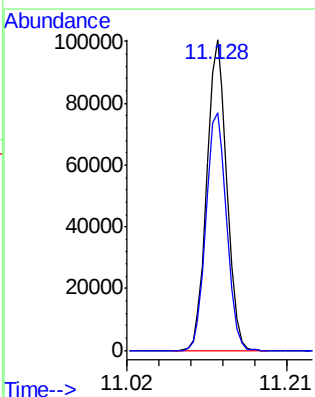
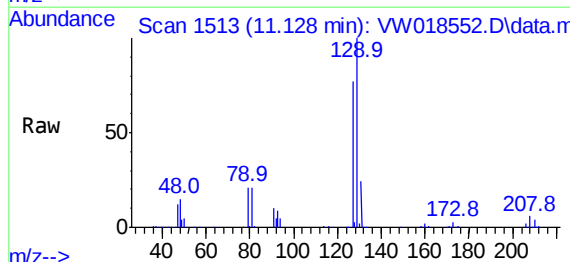
Ion	Ratio	Lower	Upper
43	100		
58	58.8	47.3	70.9
57	19.6	17.3	25.9
100	14.6	12.9	19.3

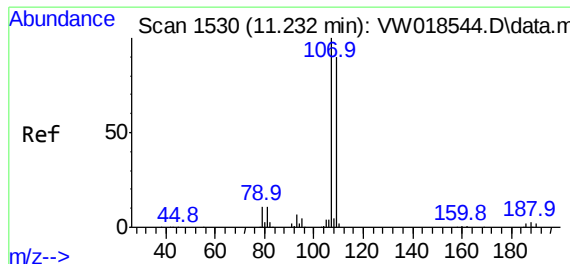


#50
Dibromochloromethane
Concen: 27.82 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 129 Resp: 174260

Ion	Ratio	Lower	Upper
129	100		
127	76.6	58.0	107.6

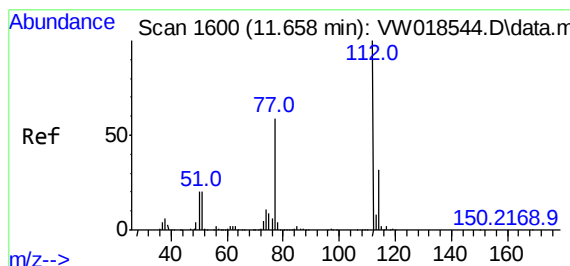
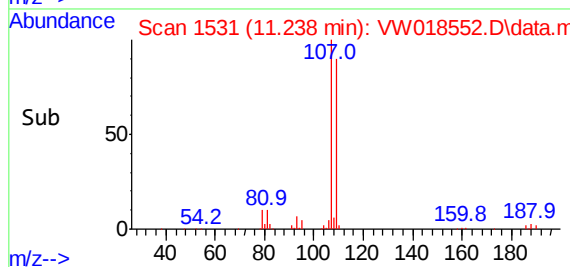
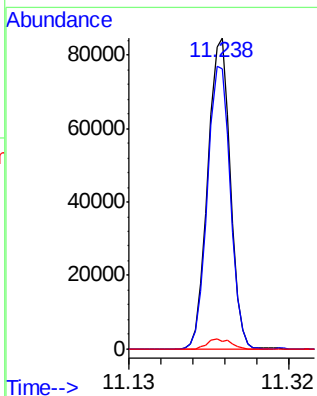
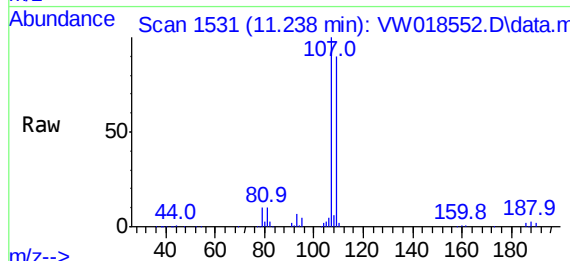




#51
1,2-Dibromoethane
Concen: 28.59 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

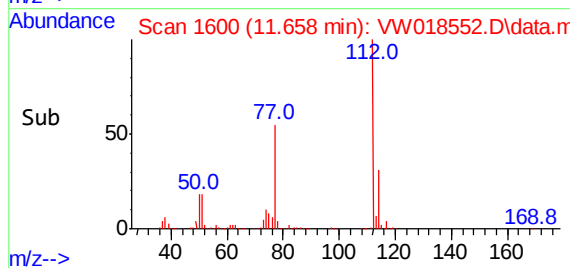
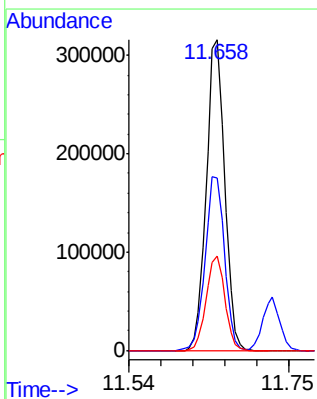
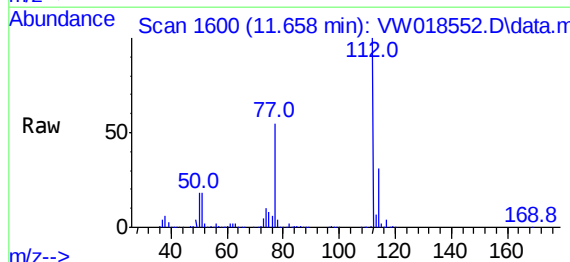
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

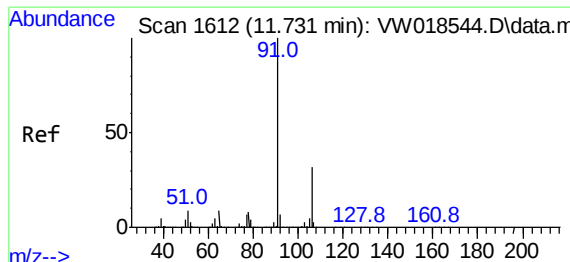
Tgt Ion:107 Resp: 150411
Ion Ratio Lower Upper
107 100
109 90.0 65.9 122.5
188 2.5 3.0 4.4#



#52
Chlorobenzene
Concen: 26.89 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion:112 Resp: 527960
Ion Ratio Lower Upper
112 100
77 55.5 45.4 68.2
114 30.5 22.5 41.9

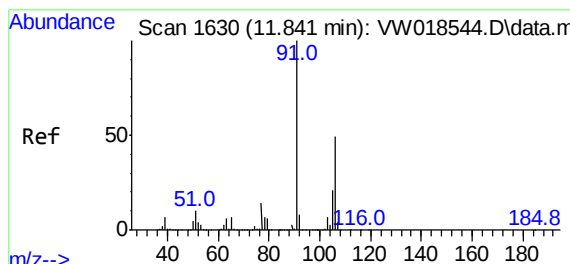
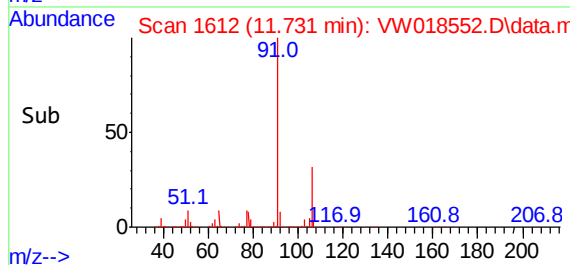
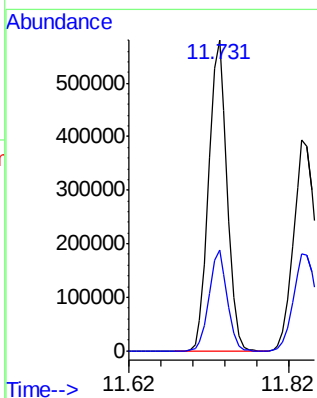
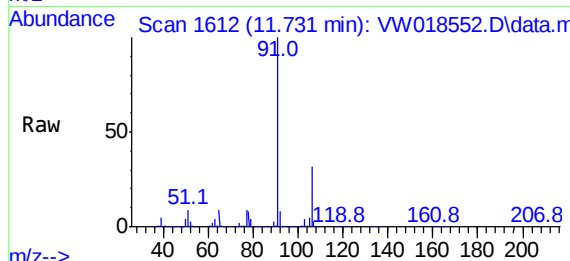




#53
Ethylbenzene
Concen: 26.51 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

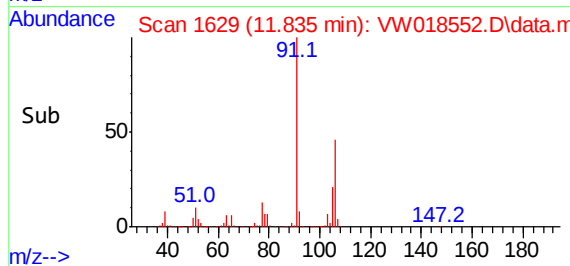
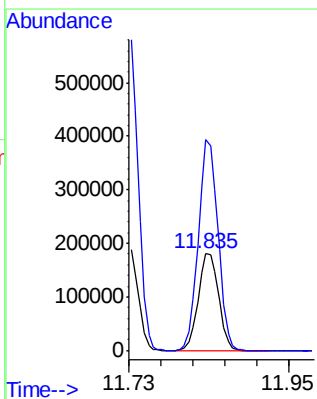
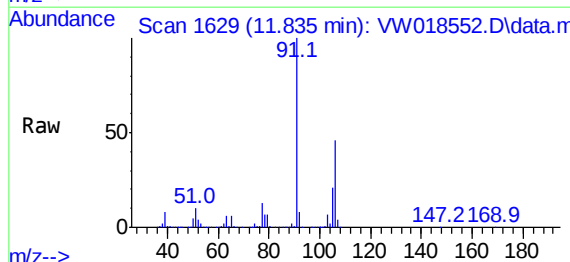
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

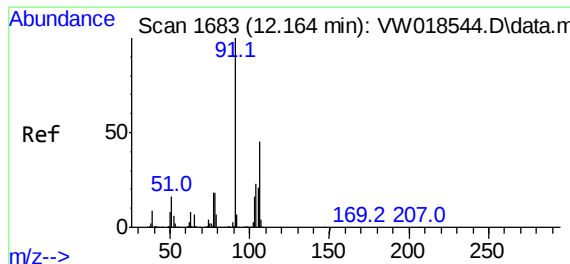
Tgt Ion: 91 Resp: 925368
Ion Ratio Lower Upper
91 100
106 32.3 21.7 40.3



#54
m,p-Xylene
Concen: 26.47 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 106 Resp: 353084
Ion Ratio Lower Upper
106 100
91 217.4 145.3 269.8

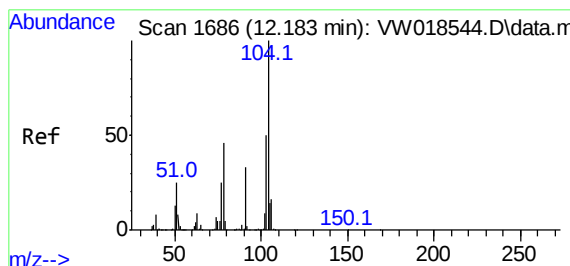
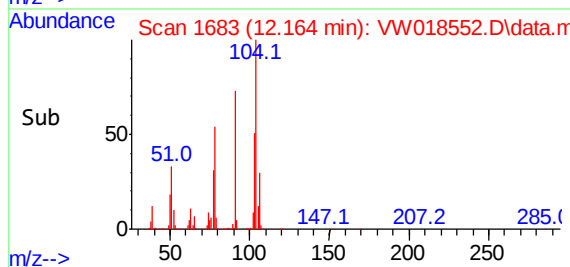
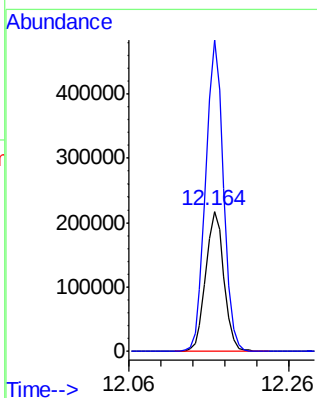
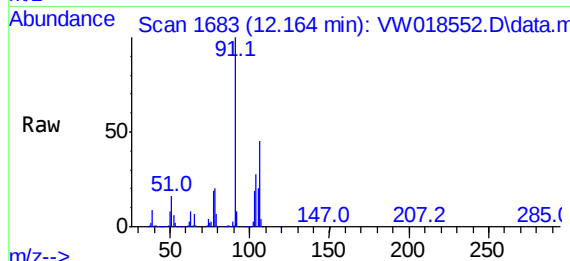




#55
o-xylene
Concen: 26.80 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

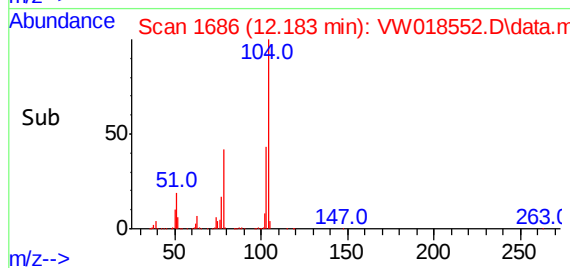
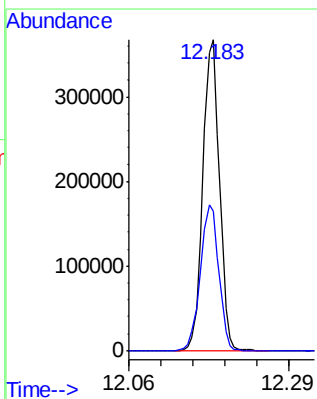
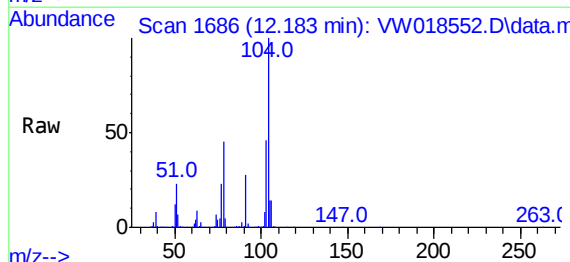
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

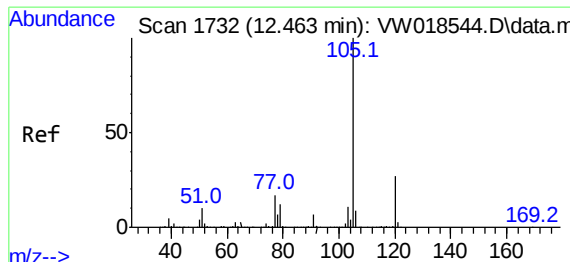
Tgt Ion:106 Resp: 340835
Ion Ratio Lower Upper
106 100
91 222.3 154.3 286.5



#56
Styrene
Concen: 27.91 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion:104 Resp: 605252
Ion Ratio Lower Upper
104 100
78 44.9 34.7 64.5

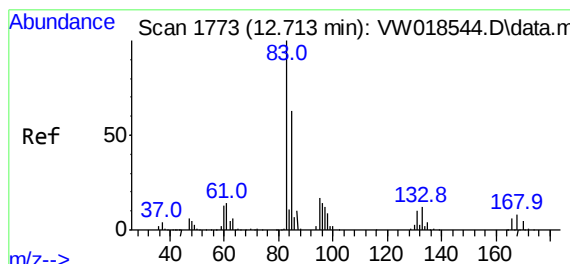
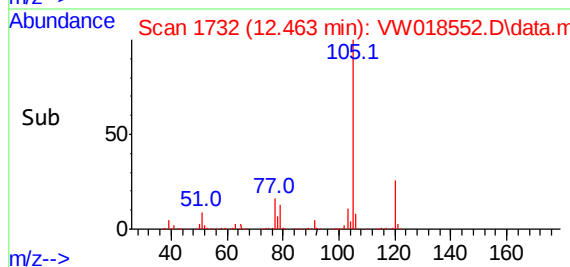
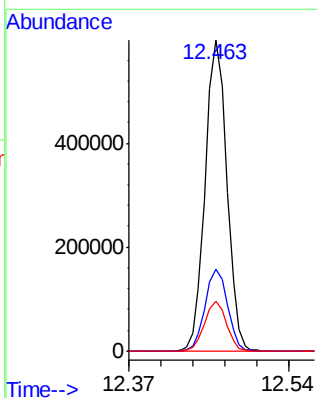
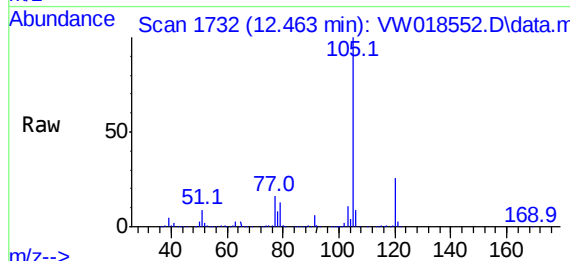




#57
Isopropylbenzene
Concen: 26.94 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

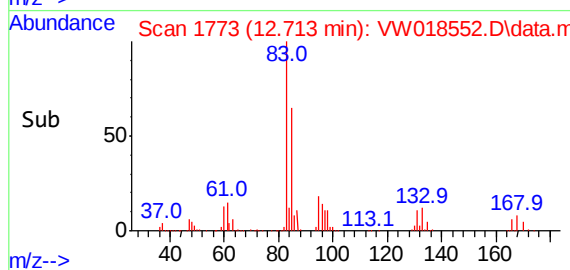
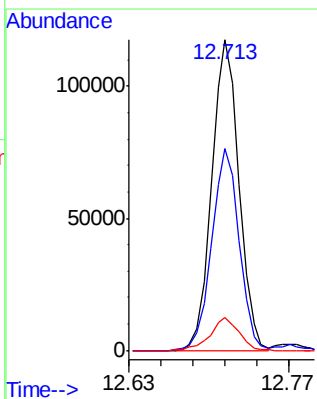
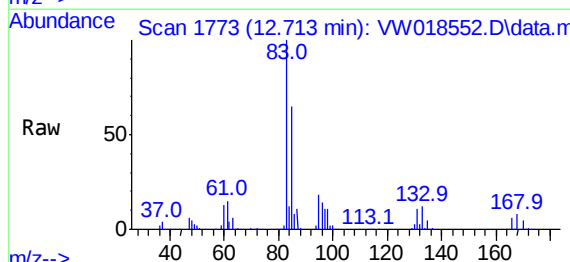
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

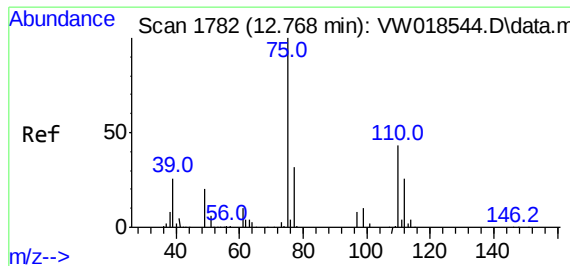
Tgt Ion:105 Resp: 931817
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 16.0 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 29.59 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 83 Resp: 190269
Ion Ratio Lower Upper
83 100
85 65.1 49.0 91.0
131 10.7 8.7 13.1

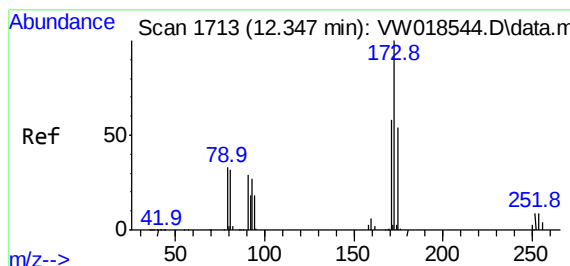
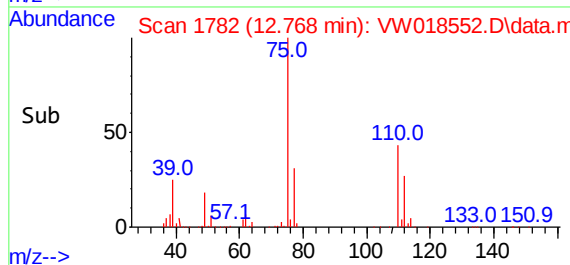
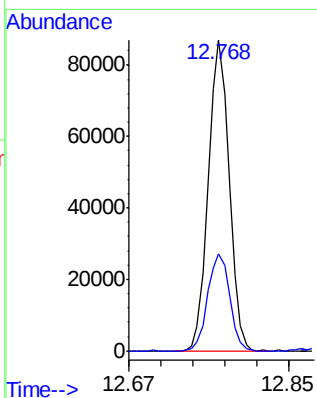
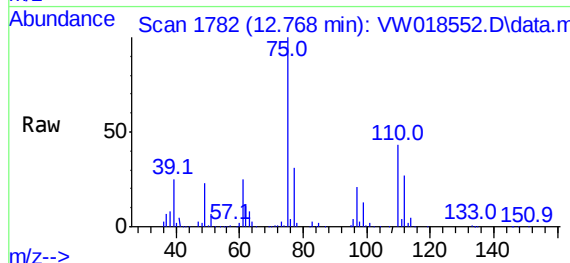




#59
1,2,3-Trichloropropane
Concen: 29.06 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

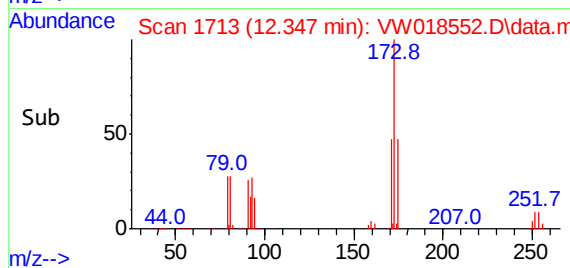
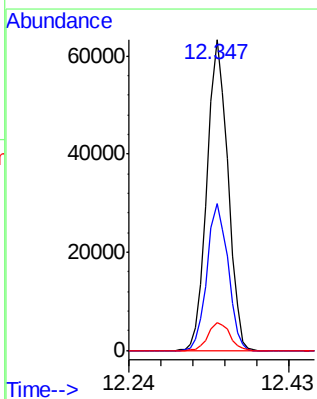
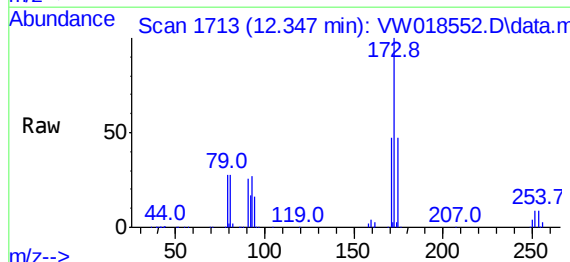
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

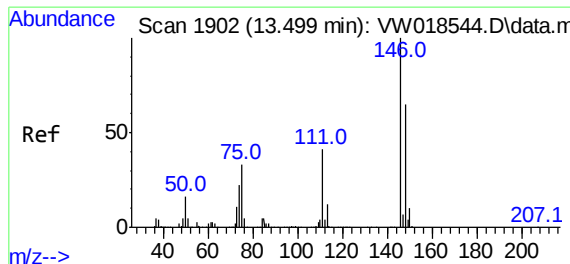
Tgt Ion: 75 Resp: 141065
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4



#62
Bromoform
Concen: 26.84 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 173 Resp: 104509
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 9.5 6.0 9.0#

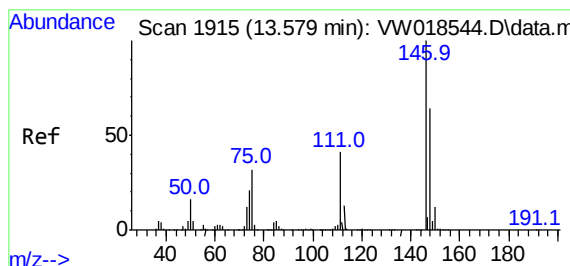
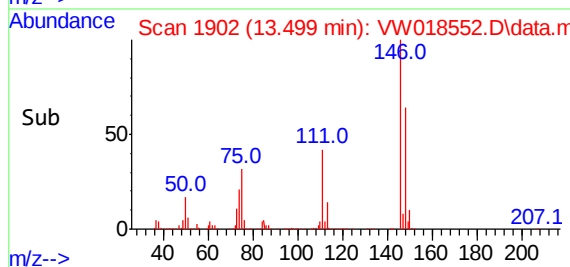
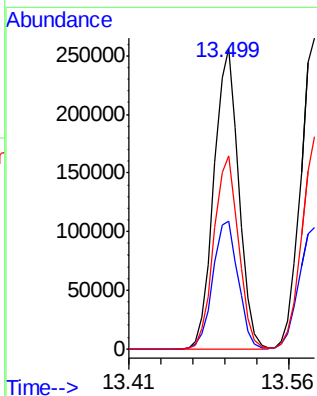
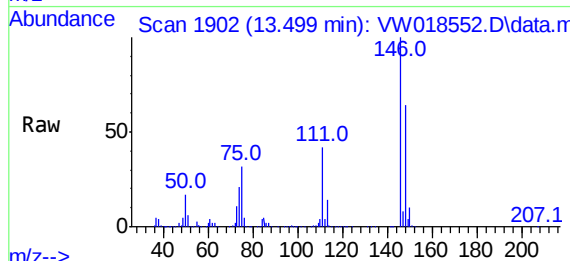




#63
1,3-Dichlorobenzene
Concen: 24.85 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

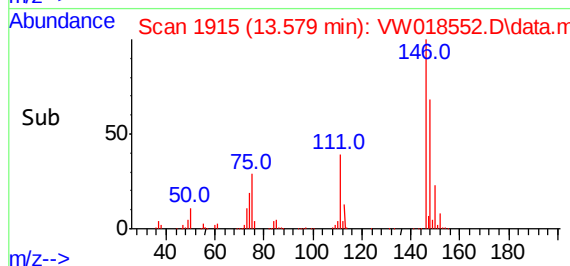
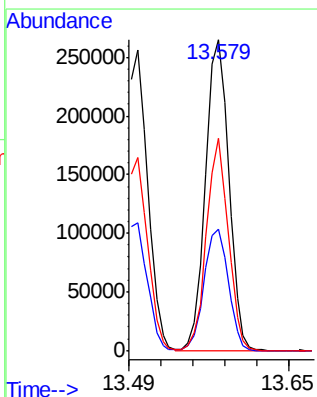
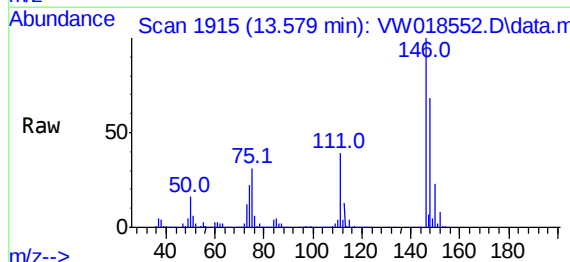
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

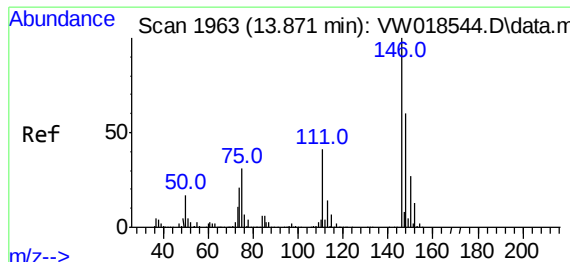
Tgt Ion:146 Resp: 403898
Ion Ratio Lower Upper
146 100
111 42.4 27.5 51.1
148 64.4 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.73 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion:146 Resp: 421854
Ion Ratio Lower Upper
146 100
111 38.9 28.3 52.5
148 68.1 47.3 87.9

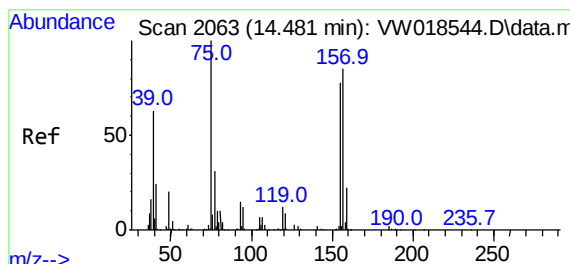
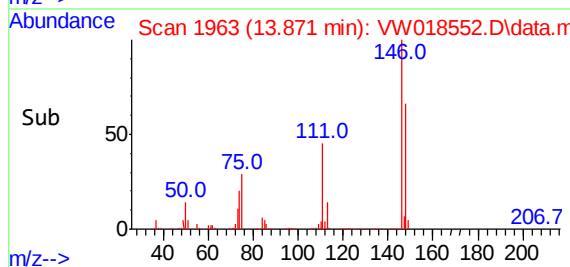
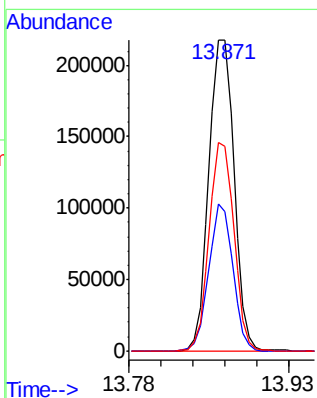
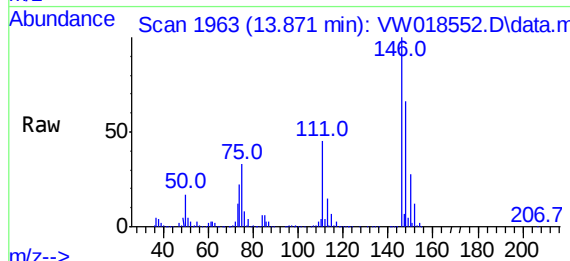




#65
1,2-Dichlorobenzene
Concen: 25.64 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

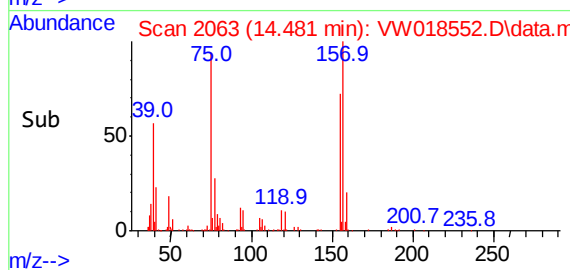
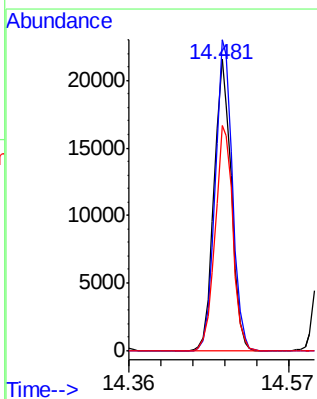
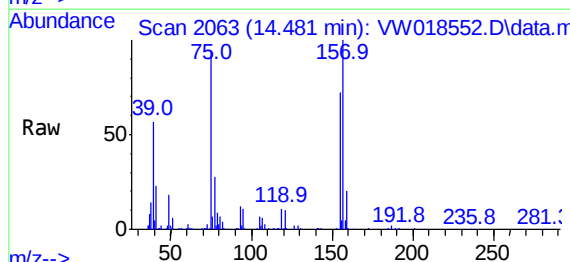
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

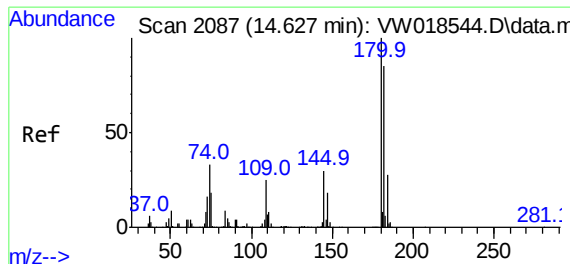
Tgt Ion:146 Resp: 372319
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 65.8 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 25.87 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion: 75 Resp: 33959
Ion Ratio Lower Upper
75 100
157 106.7 65.2 97.8#
155 77.1 60.1 90.1

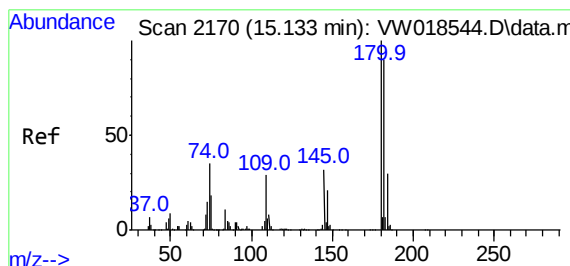
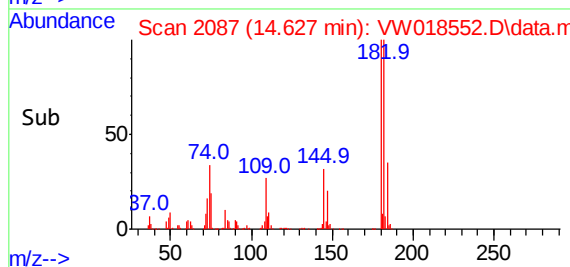
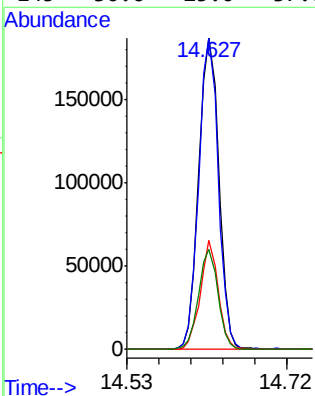
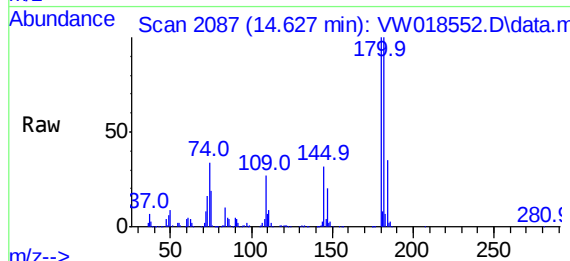




#67
 1,3,5-Trichlorobenzene
 Concen: 25.21 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

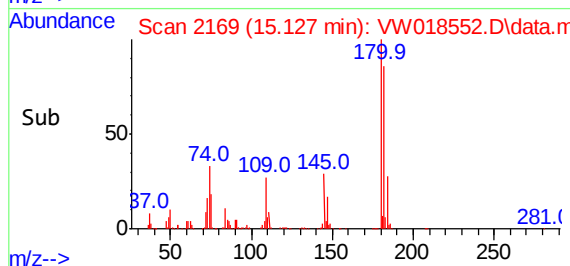
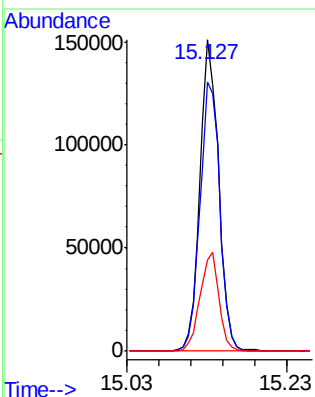
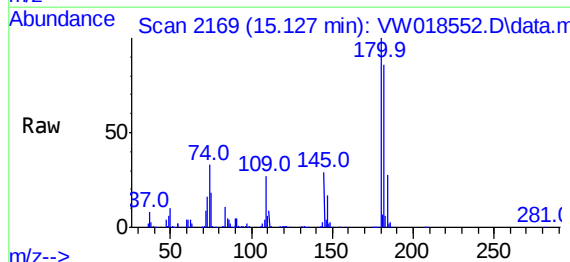
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

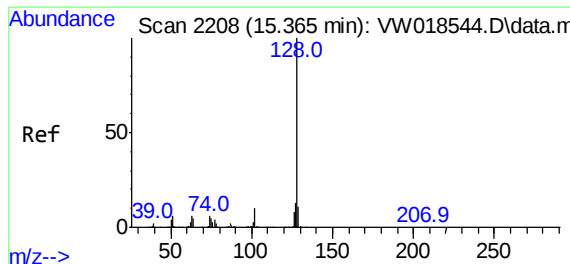
Tgt Ion:	180	Resp:	295479
Ion	Ratio	Lower	Upper
180	100		
182	97.0	71.8	107.8
184	30.7	23.5	35.3
145	30.6	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 24.34 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018552.D
 Acq: 05 Apr 2021 11:51

Tgt Ion:	180	Resp:	242687
Ion	Ratio	Lower	Upper
180	100		
182	91.7	70.2	105.4
145	31.8	24.9	37.3

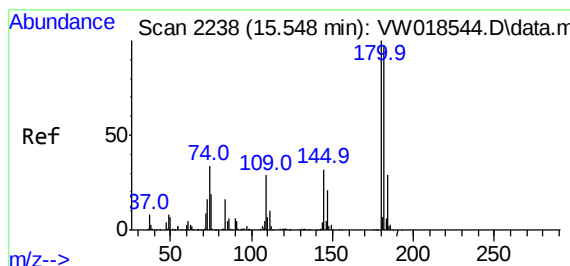
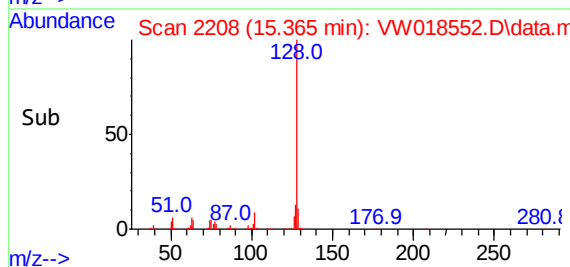
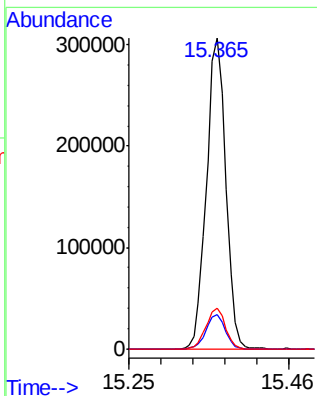
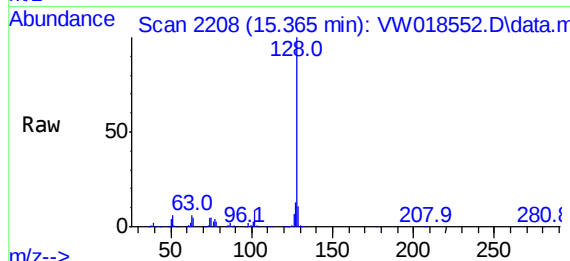




#69
Naphthalene
Concen: 25.89 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion:128 Resp: 537540
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.60 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW018552.D
Acq: 05 Apr 2021 11:51

Tgt Ion:180 Resp: 214082
Ion Ratio Lower Upper
180 100
182 97.3 76.5 114.7
145 34.4 27.7 41.5

