

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018473.D
 Acq On : 29 Mar 2021 09:03
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Mar 30 03:06:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 01:30:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	536658	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	492328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	257720	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	157653	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.44%
7) Chloroethane-d5	2.891	69	142467	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
10) 1,1-Dichloroethene-d2	4.025	63	305254	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.68%
20) 2-Butanone-d5	7.074	46	88334	53.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.26%
24) Chloroform-d	7.647	84	345232	25.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.04%
26) 1,2-Dichloroethane-d4	8.305	65	196835	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.68%
29) Benzene-d6	8.275	84	619810	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.274	67	185131	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.323	98	608340	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.56%
38) trans-1,3-Dichloroprop...	10.579	79	96302	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.920	63	76134	51.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.06%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	181734	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.64%
61) 1,2-Dichlorobenzene-d4	13.853	152	228494	24.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.76%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	155974	25.30	ug/L	95
3) Chloromethane	2.215	50	170876	21.99	ug/L	99
5) Vinyl chloride	2.367	62	271904	26.65	ug/L	98
6) Bromomethane	2.782	94	190760	25.89	ug/L	99
8) Chloroethane	2.928	64	160523	25.23	ug/L	99
9) Trichlorofluoromethane	3.263	101	128735	25.08	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	193057	29.25	ug/L	98
12) 1,1-Dichloroethene	4.044	96	186658	27.71	ug/L	95
13) Acetone	4.117	43	60414	50.58	ug/L	98
14) Carbon disulfide	4.385	76	536704	26.46	ug/L	99
16) Methylene chloride	4.922	84	184715	20.98	ug/L	95
17) Methyl tert-butyl Ether	5.428	73	258552	26.27	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	199298	26.80	ug/L	97
19) 1,1-Dichloroethane	6.214	63	339858	26.78	ug/L	97
21) 2-Butanone	7.165	43	97293	51.27	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	211903	27.09	ug/L	97
23) Bromochloromethane	7.513	128	96673	27.92	ug/L	90
25) Chloroform	7.671	83	369416	27.43	ug/L	99
27) 1,2-Dichloroethane	8.396	62	258021	27.00	ug/L	98
30) Cyclohexane	7.951	56	301852	25.83	ug/L	98

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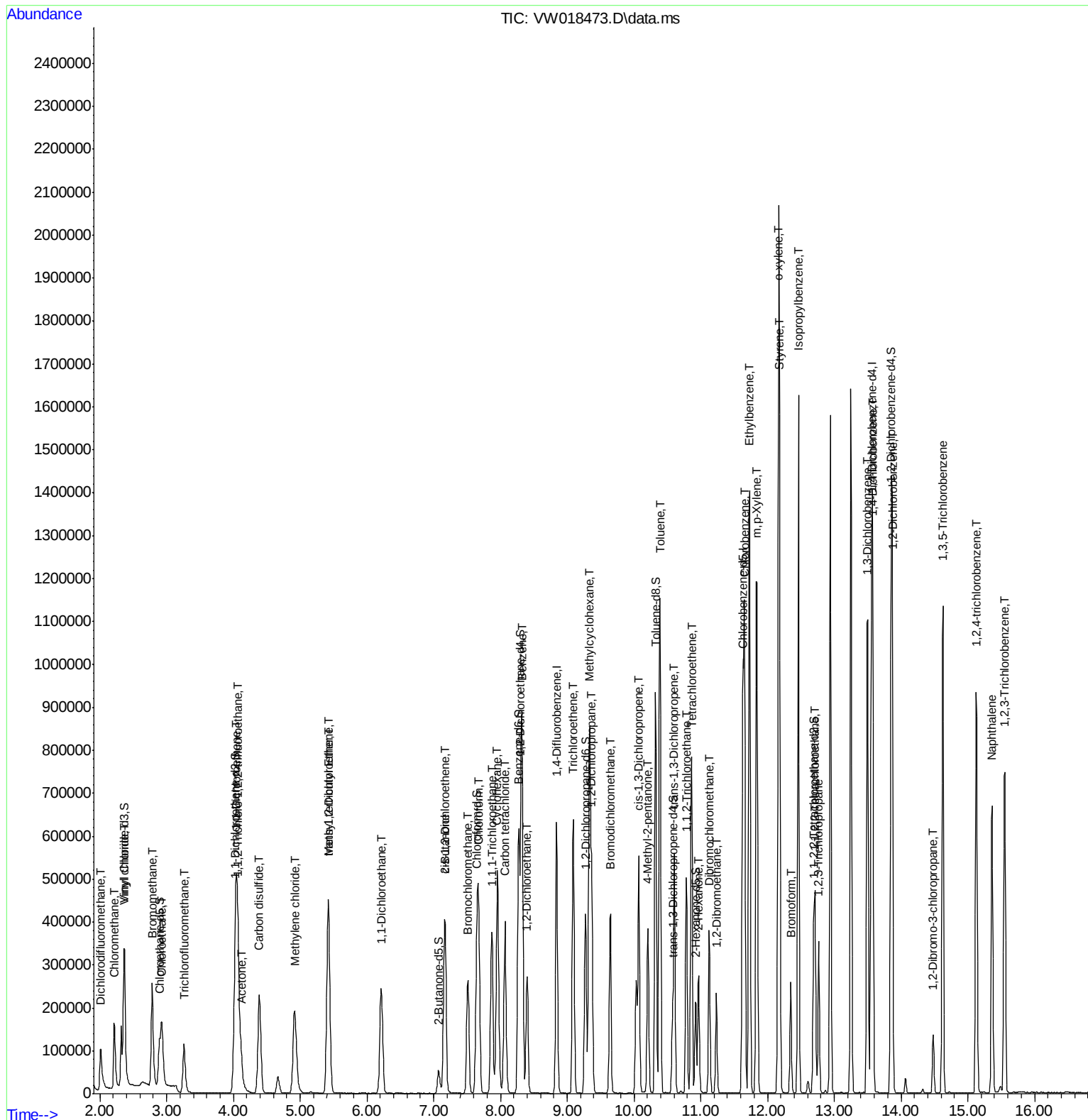
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) 1,1,1-Trichloroethane	7.872	97	304779	27.70	ug/L	98
32) Carbon tetrachloride	8.067	117	296940	28.96	ug/L	99
34) Benzene	8.323	78	771341	27.05	ug/L	100
35) Trichloroethene	9.091	95	214884	27.28	ug/L	98
36) Methylcyclohexane	9.335	83	371063	26.90	ug/L	99
40) 1,2-Dichloropropane	9.366	63	185343	26.57	ug/L	97
41) Bromodichloromethane	9.646	83	275193	27.91	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	318851	27.03	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	225079	53.66	ug/L	98
44) Toluene	10.390	91	876510	27.04	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	300139	28.34	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	153175	27.54	ug/L	98
47) Tetrachloroethene	10.866	164	172941	28.91	ug/L	93
49) 2-Hexanone	10.969	43	159945	53.89	ug/L	97
50) Dibromochloromethane	11.128	129	187026	28.52	ug/L	92
51) 1,2-Dibromoethane	11.231	107	153307	27.83	ug/L	99
52) Chlorobenzene	11.658	112	569003	27.68	ug/L	99
53) Ethylbenzene	11.731	91	1011166	27.67	ug/L	99
54) m,p-Xylene	11.841	106	385696	27.62	ug/L	95
55) o-xylene	12.164	106	370125	27.80	ug/L	96
56) Styrene	12.182	104	628228	27.67	ug/L	96
57) Isopropylbenzene	12.463	105	1023528	28.27	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	190018	28.23	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	141969	27.94	ug/L	99
62) Bromoform	12.347	173	113276	28.66	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	445508	27.01	ug/L	96
64) 1,4-Dichlorobenzene	13.578	146	435203	26.15	ug/L	94
65) 1,2-Dichlorobenzene	13.871	146	408599	27.72	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	35008	26.27	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	337838	28.40	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	275832	27.25	ug/L	92
69) Naphthalene	15.365	128	569843	27.04	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	249580	28.26	ug/L	97

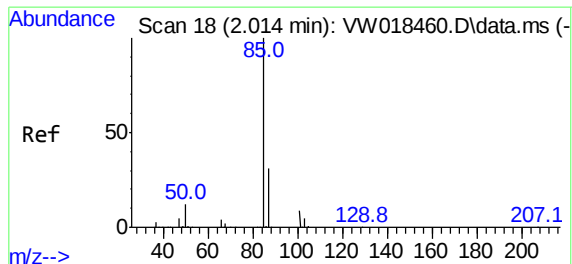
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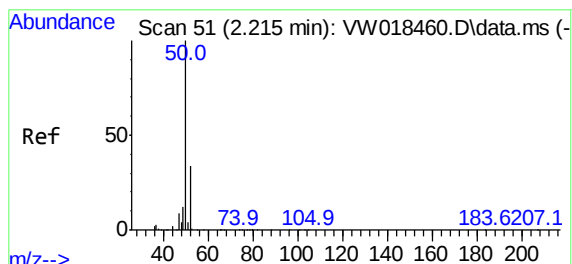
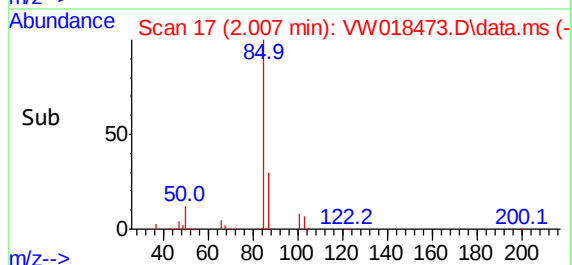
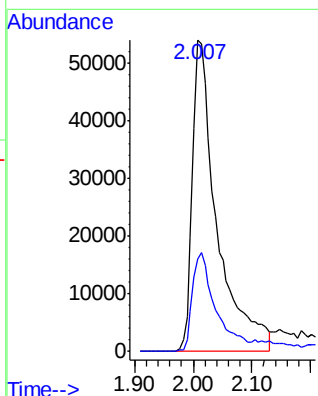
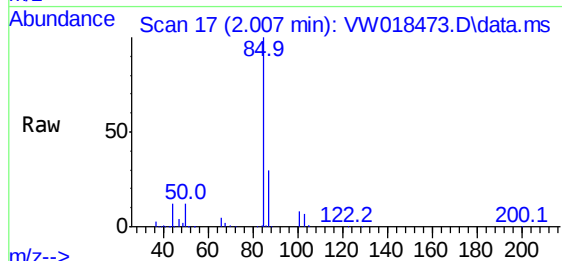




#2
Dichlorodifluoromethane
Concen: 25.30 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

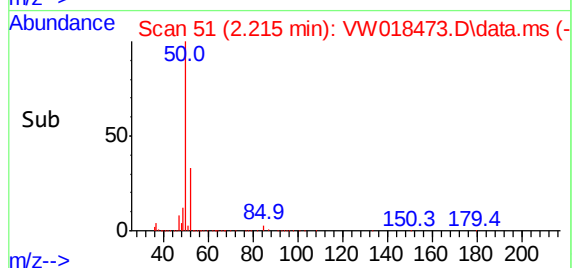
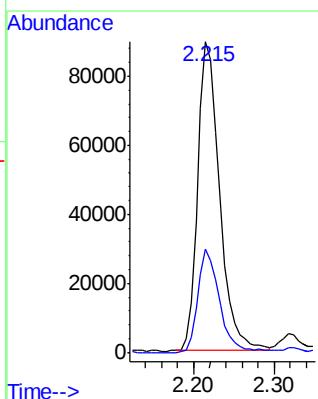
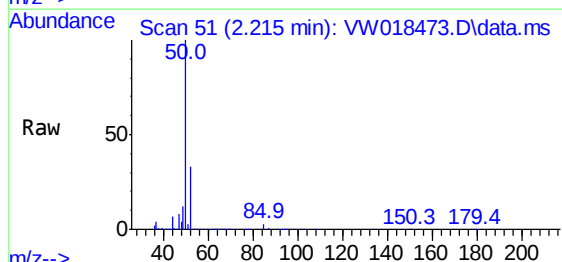
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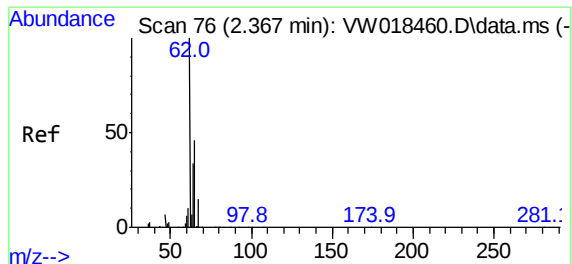
Tgt Ion: 85 Resp: 155974
Ion Ratio Lower Upper
85 100
87 29.1 22.2 41.2



#3
Chloromethane
Concen: 21.99 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 50 Resp: 170876
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9

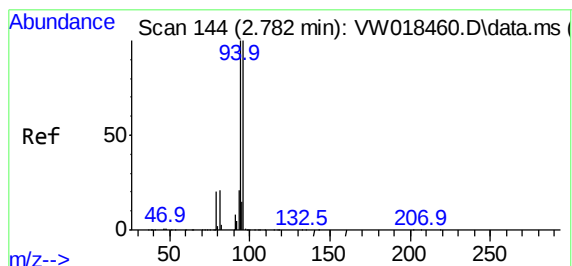
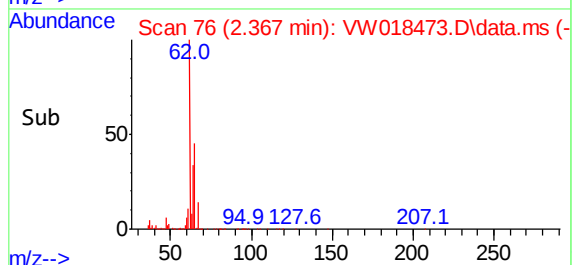
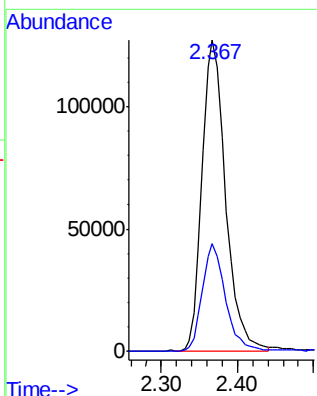
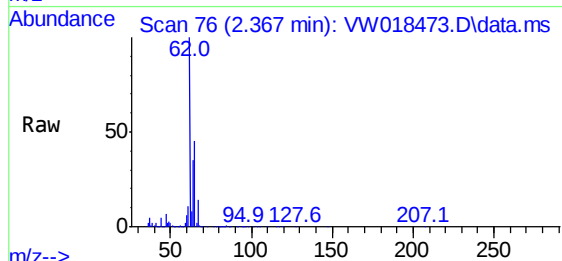




#5
 Vinyl chloride
 Concen: 26.65 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

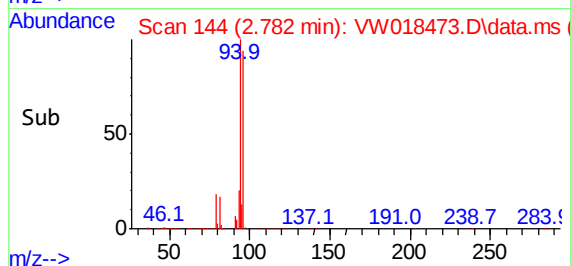
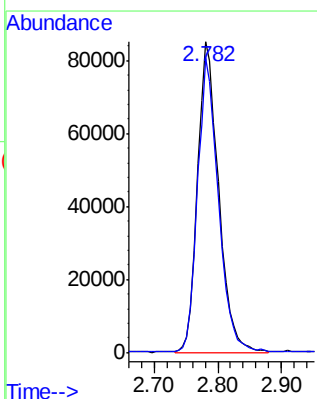
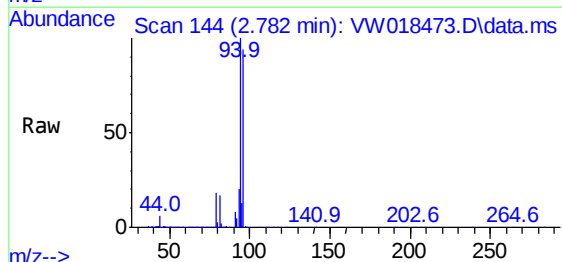
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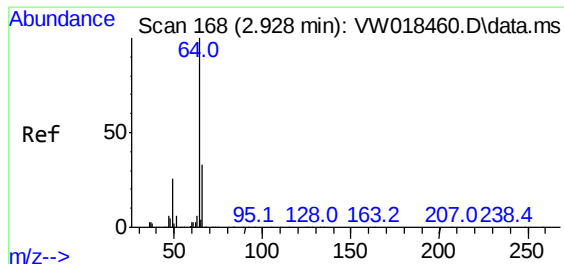
Tgt Ion: 62 Resp: 271904
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.5 43.7



#6
 Bromomethane
 Concen: 25.89 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Tgt Ion: 94 Resp: 190760
 Ion Ratio Lower Upper
 94 100
 96 93.1 9.4 179.4

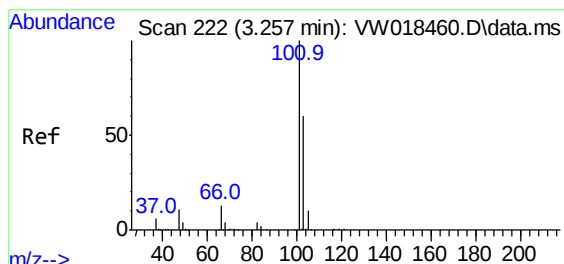
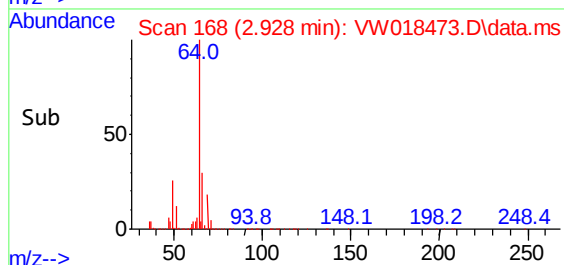
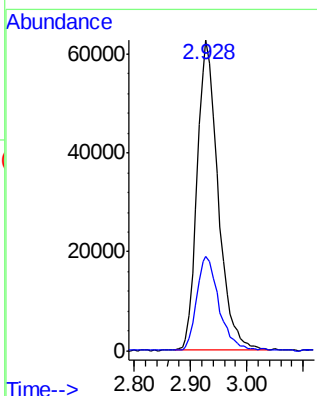
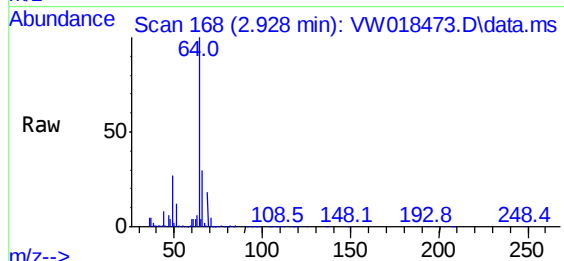




#8
Chloroethane
Concen: 25.23 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

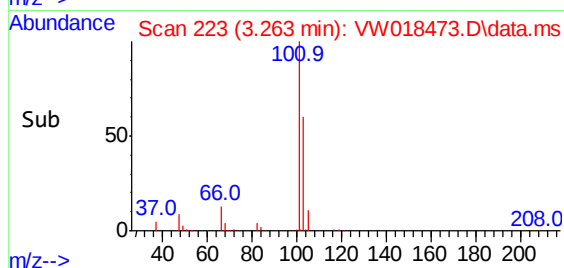
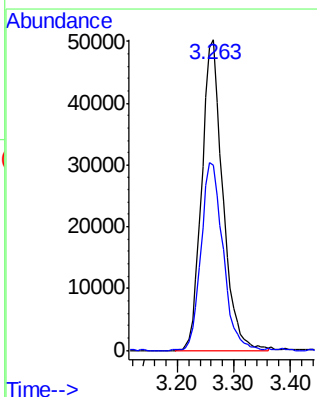
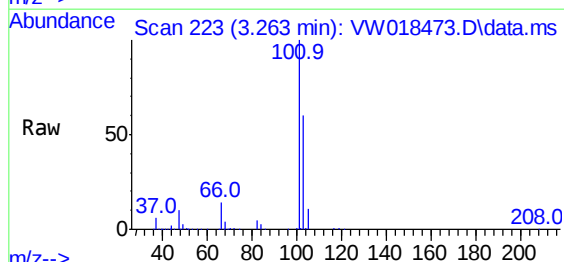
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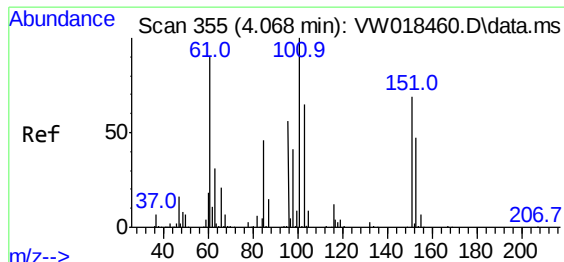
Tgt Ion: 64 Resp: 160523
Ion Ratio Lower Upper
64 100
66 30.2 21.6 40.0



#9
Trichlorofluoromethane
Concen: 25.08 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:101 Resp: 128735
Ion Ratio Lower Upper
101 100
103 63.1 45.6 84.8



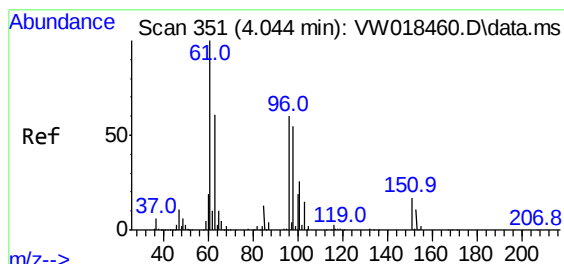
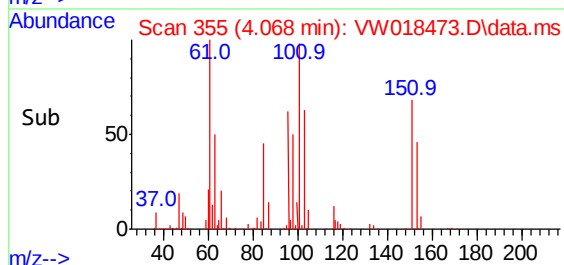
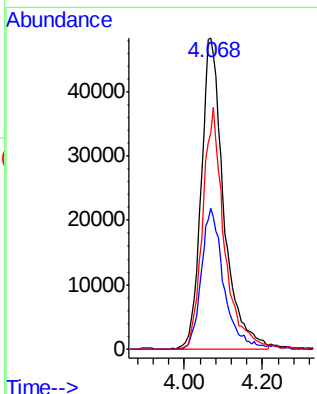
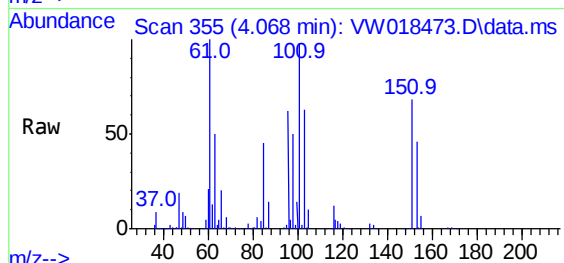


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.25 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Instrument :
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Tgt Ion:101 Resp: 193057

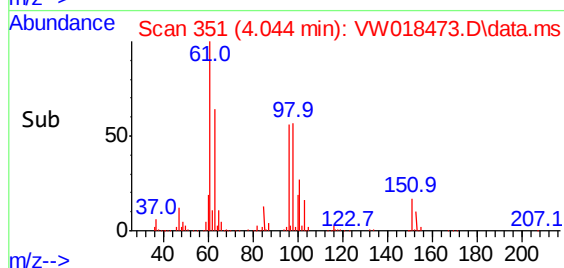
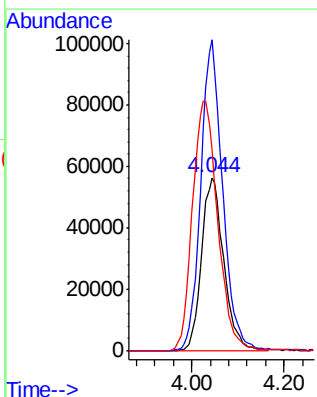
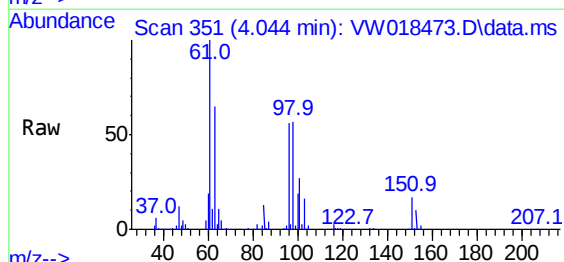
Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.6	53.4
151	74.7	58.1	87.1

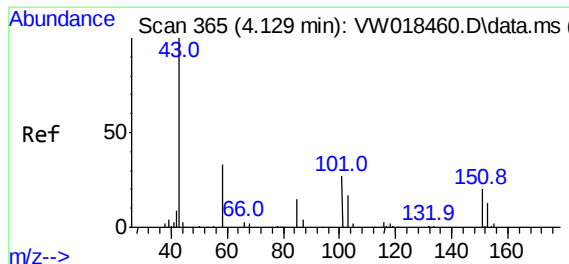


#12
 1,1-Dichloroethene
 Concen: 27.71 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Tgt Ion: 96 Resp: 186658

Ion	Ratio	Lower	Upper
96	100		
61	179.6	118.6	220.2
63	116.0	82.4	153.0

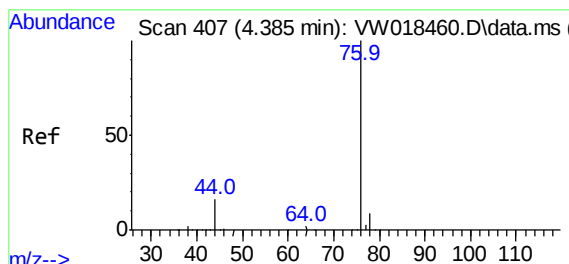
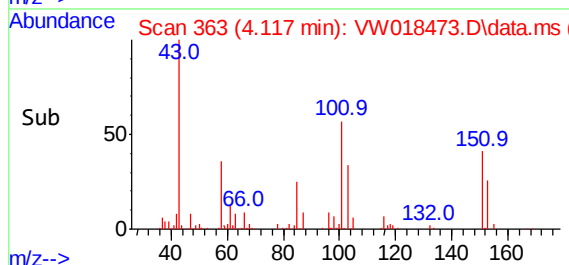
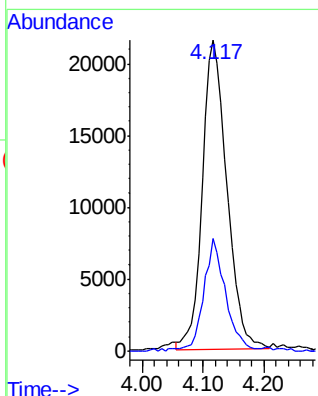
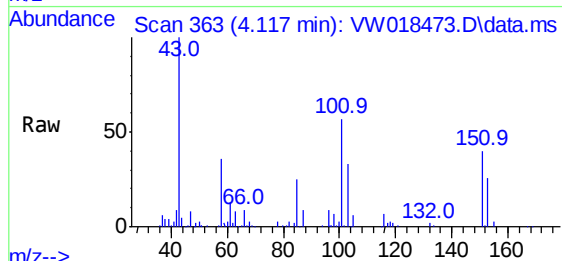




#13
Acetone
Concen: 50.58 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

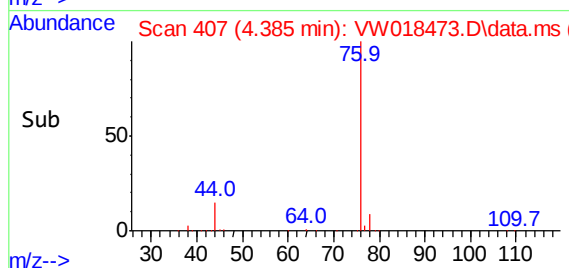
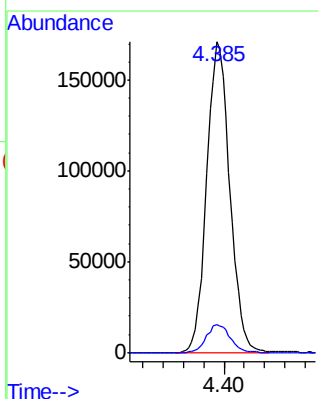
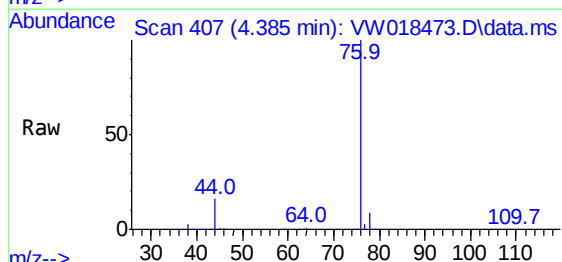
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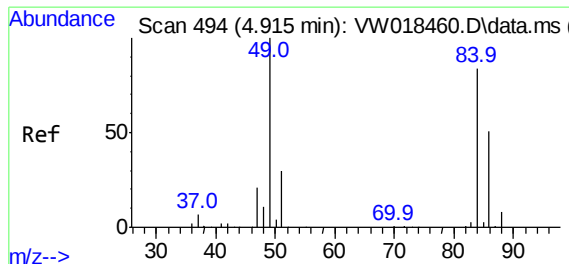
Tgt Ion: 43 Resp: 60414
Ion Ratio Lower Upper
43 100
58 32.0 0.0 62.2



#14
Carbon disulfide
Concen: 26.46 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 76 Resp: 536704
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

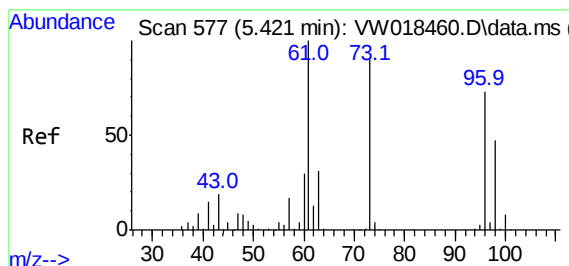
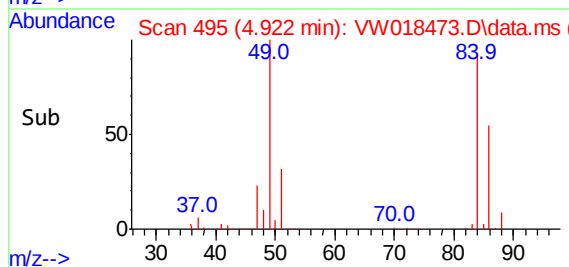
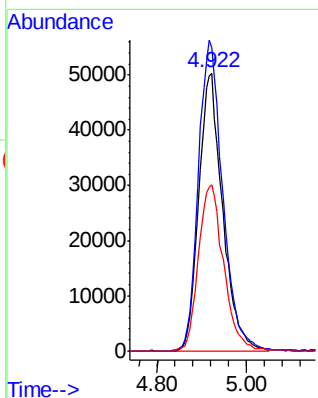
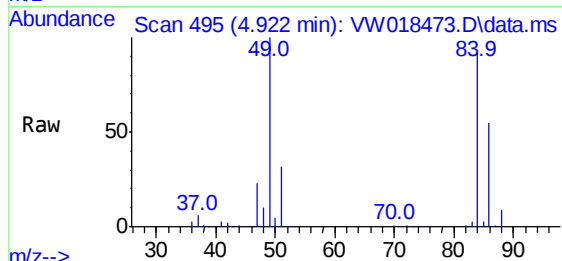




#16
Methylene chloride
Concen: 20.98 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

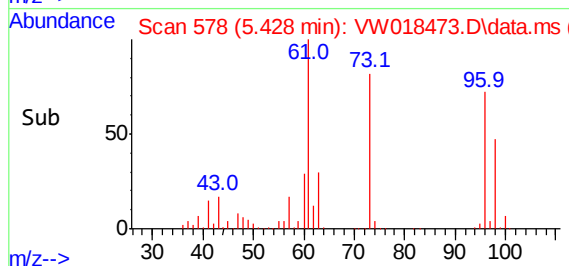
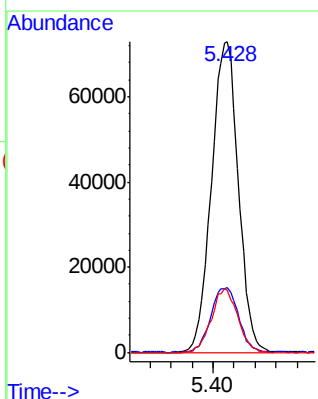
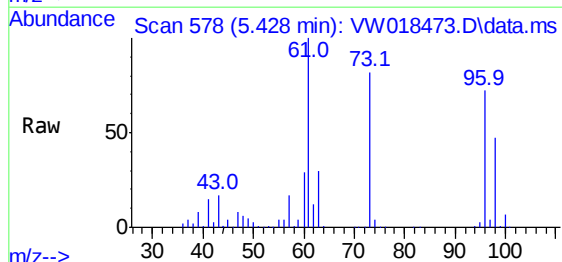
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

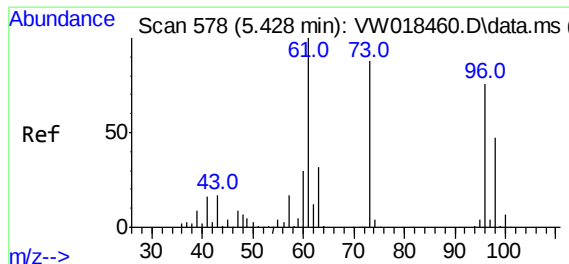
Tgt Ion: 84 Resp: 184715
Ion Ratio Lower Upper
84 100
49 109.0 74.4 138.2
86 59.8 46.1 85.7



#17
Methyl tert-butyl Ether
Concen: 26.27 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 73 Resp: 258552
Ion Ratio Lower Upper
73 100
43 21.4 16.6 24.8
57 20.1 15.9 23.9

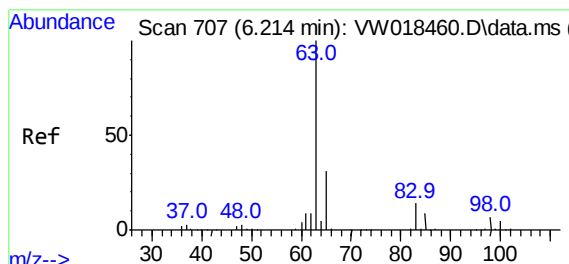
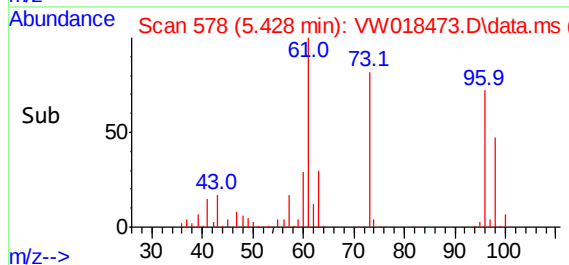
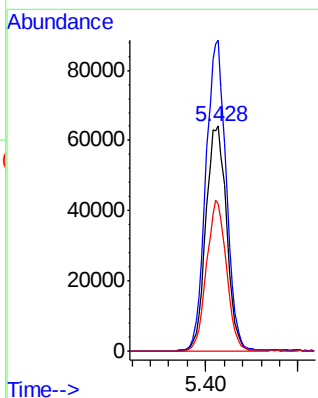
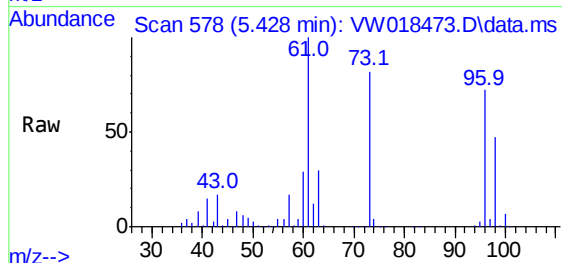




#18
trans-1,2-Dichloroethene
Concen: 26.80 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

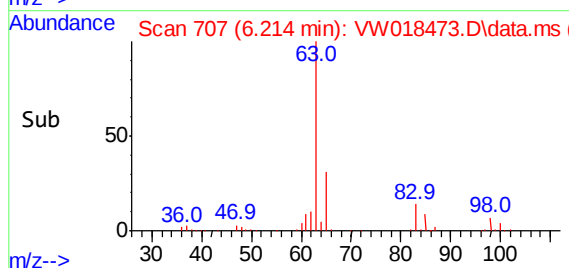
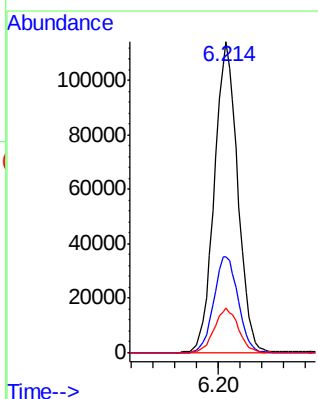
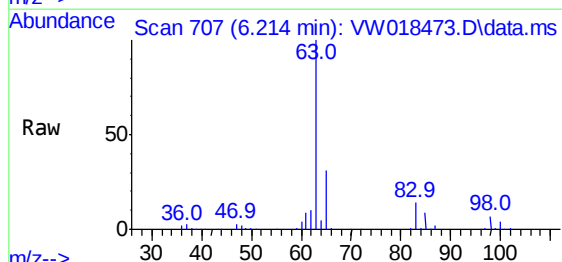
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

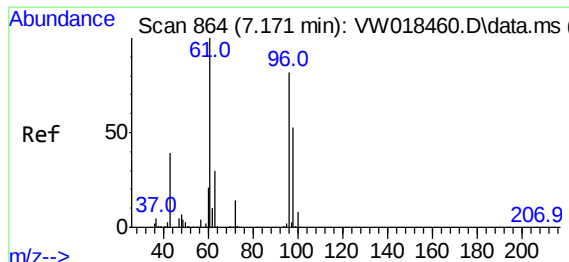
Tgt Ion: 96 Resp: 199298
Ion Ratio Lower Upper
96 100
61 138.2 93.3 173.3
98 65.3 45.2 84.0



#19
1,1-Dichloroethane
Concen: 26.78 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 63 Resp: 339858
Ion Ratio Lower Upper
63 100
65 31.0 23.5 43.7
83 14.4 10.3 19.1

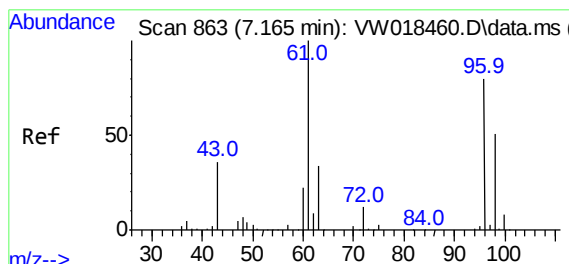
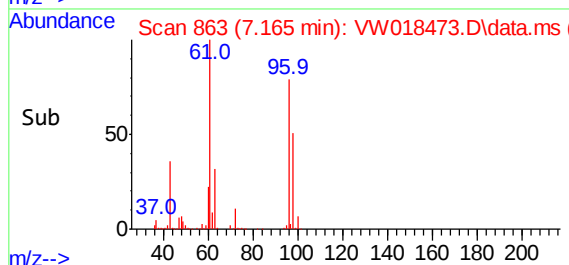
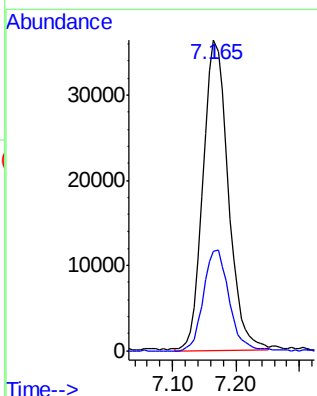
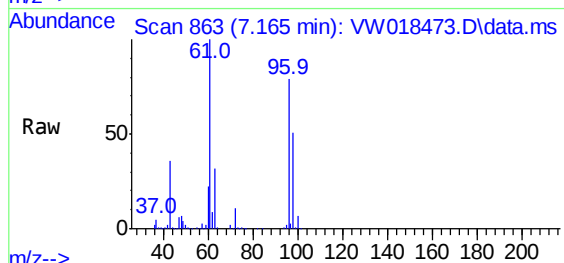




#21
2-Butanone
Concen: 51.27 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

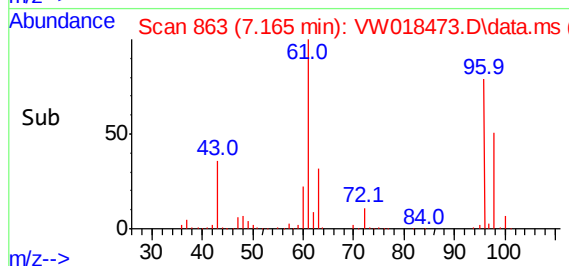
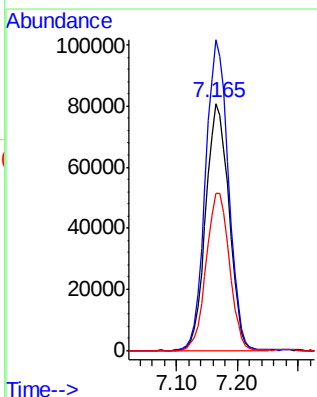
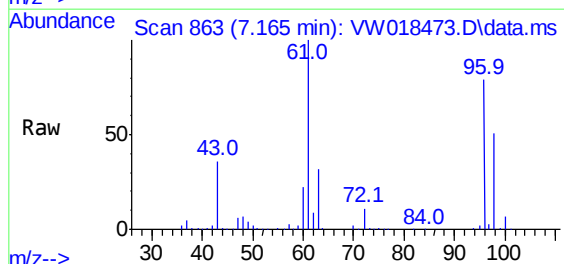
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

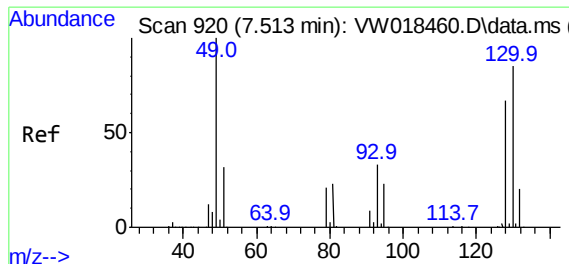
Tgt Ion: 43 Resp: 97293
Ion Ratio Lower Upper
43 100
72 32.6 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 27.09 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 96 Resp: 211903
Ion Ratio Lower Upper
96 100
61 125.9 84.8 157.6
98 63.6 45.1 83.9



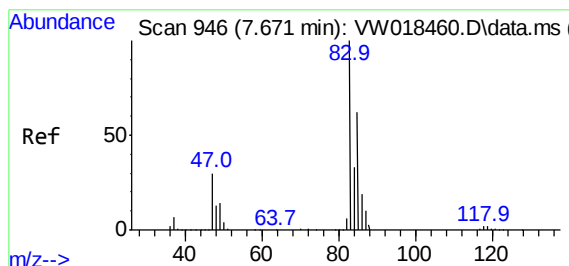
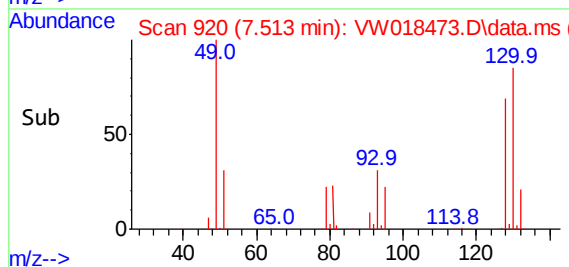
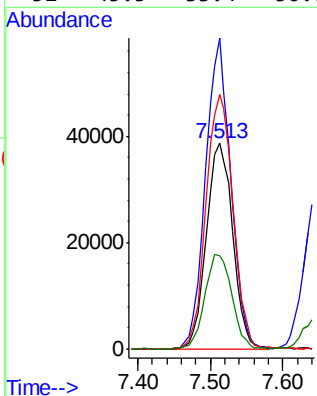
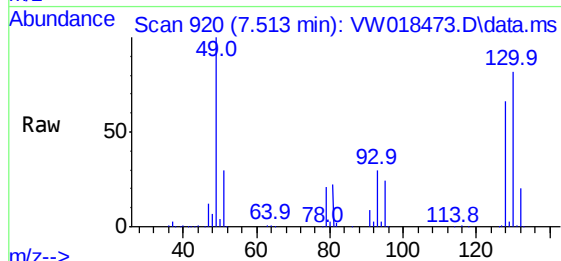


#23
Bromochloromethane
Concen: 27.92 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

Tgt Ion:128 Resp: 96673

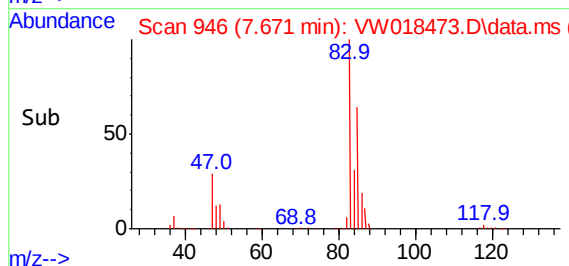
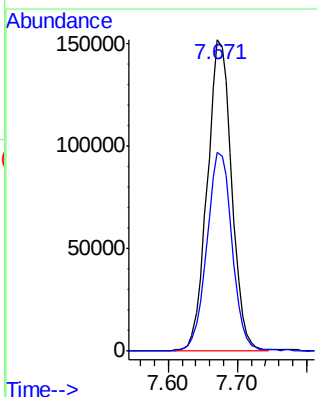
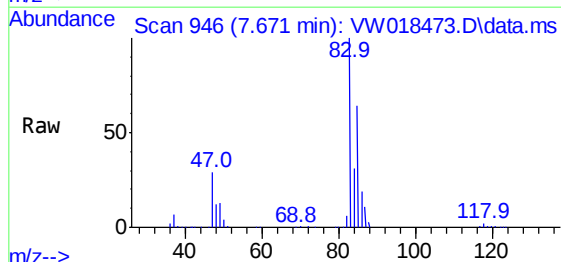
Ion	Ratio	Lower	Upper
128	100		
49	151.4	92.4	171.6
130	123.9	83.9	155.7
51	45.5	33.4	50.0

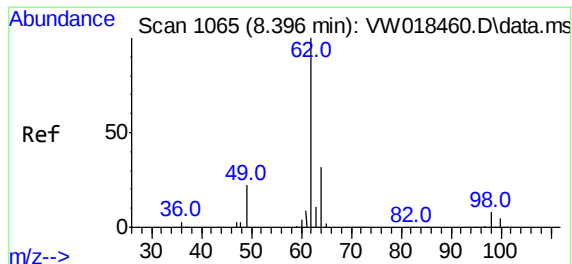


#25
Chloroform
Concen: 27.43 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 83 Resp: 369416

Ion	Ratio	Lower	Upper
83	100		
85	65.9	46.4	86.2

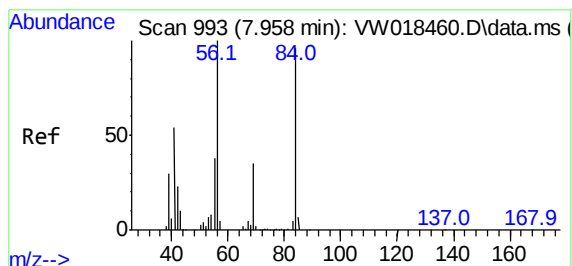
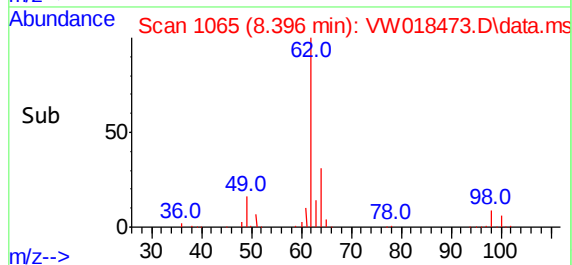
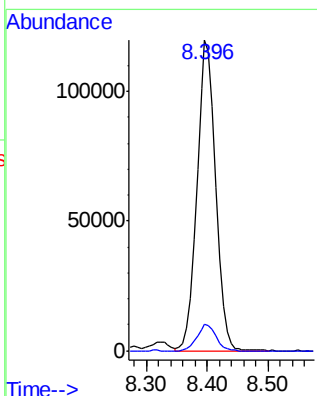
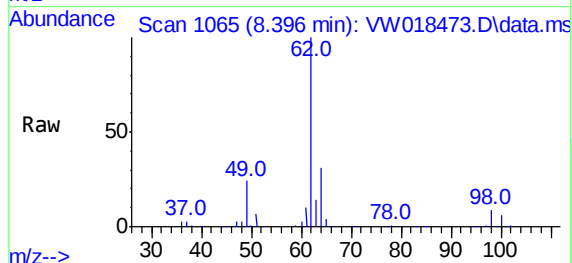




#27
1,2-Dichloroethane
Concen: 27.00 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

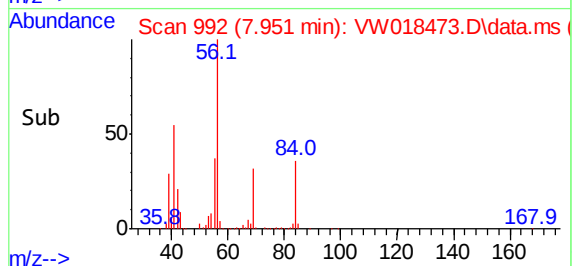
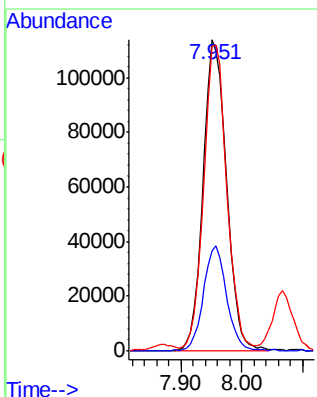
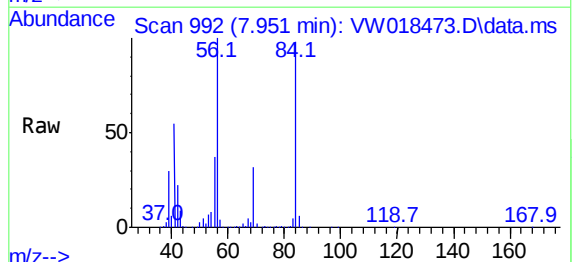
Instrument :
MSVOA_W
ClientSampled :
VSTD02518

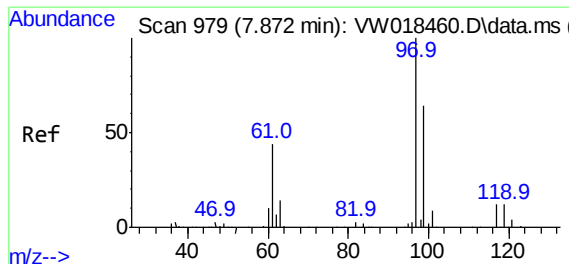
Tgt Ion: 62 Resp: 258021
Ion Ratio Lower Upper
62 100
98 8.7 6.4 9.6



#30
Cyclohexane
Concen: 25.83 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 56 Resp: 301852
Ion Ratio Lower Upper
56 100
69 33.2 27.0 40.6
84 97.8 79.9 119.9

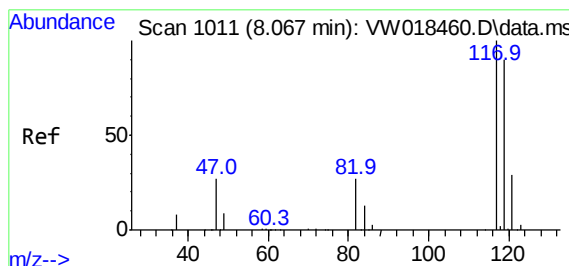
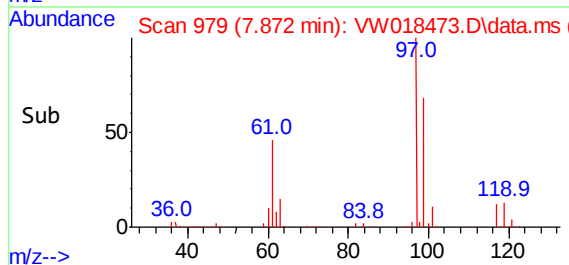
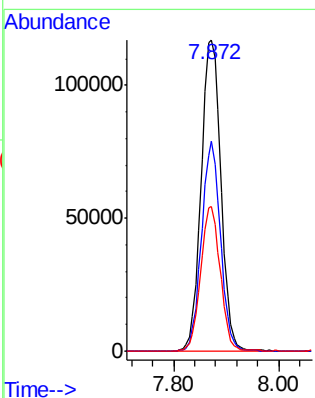
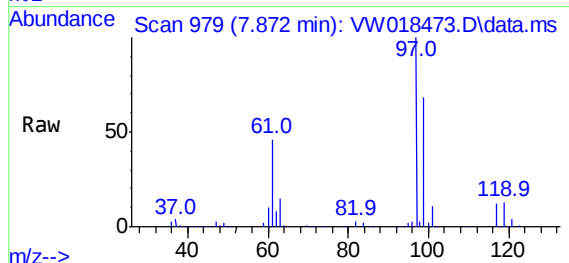




#31
1,1,1-Trichloroethane
Concen: 27.70 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

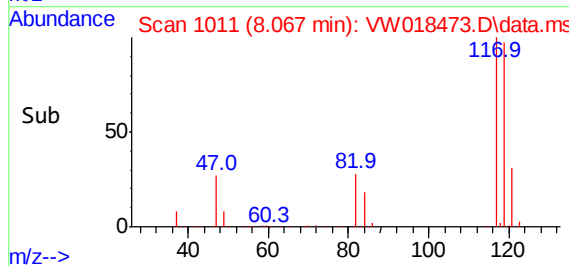
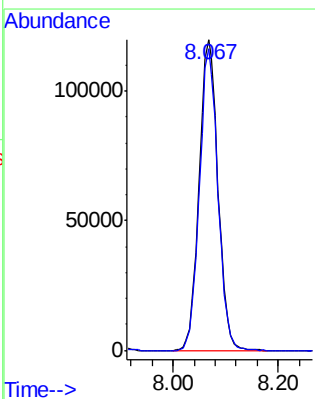
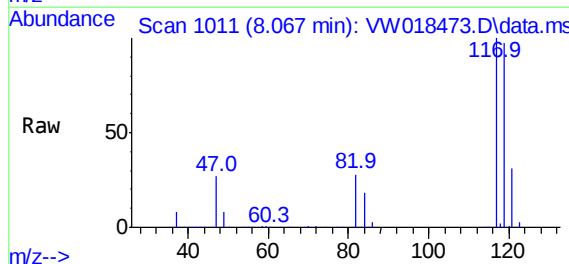
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

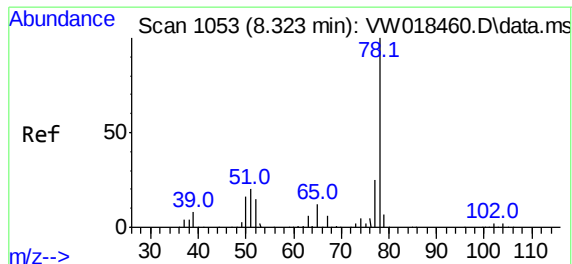
Tgt Ion: 97 Resp: 304779
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 45.9 34.8 52.2



#32
Carbon tetrachloride
Concen: 28.96 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 117 Resp: 296940
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1

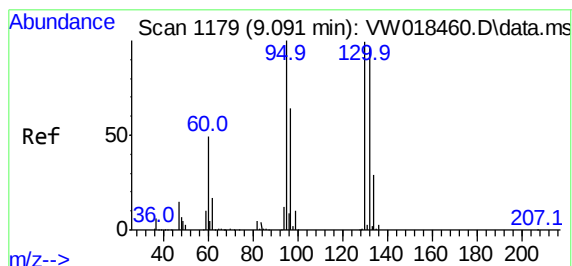
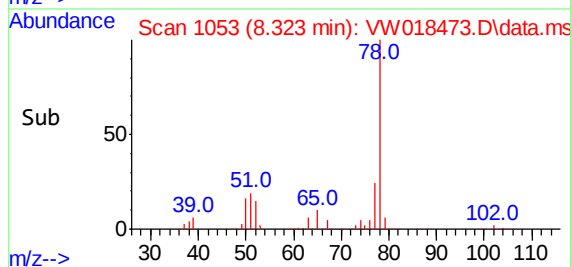
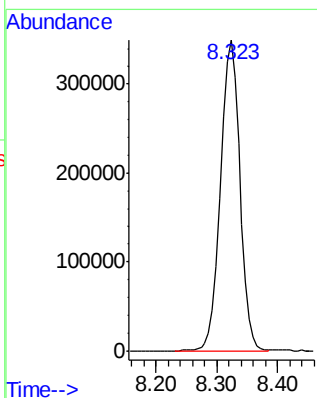
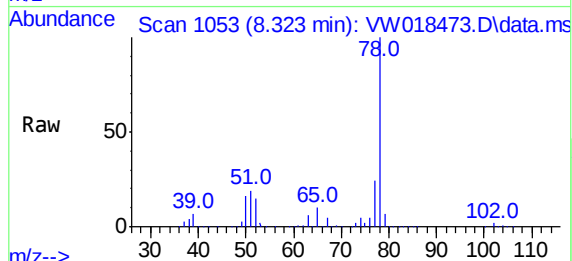




#34
Benzene
Concen: 27.05 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

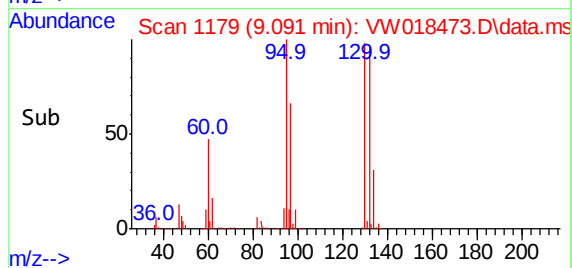
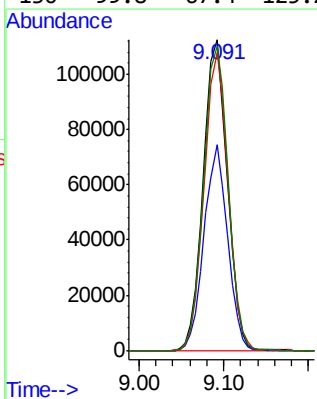
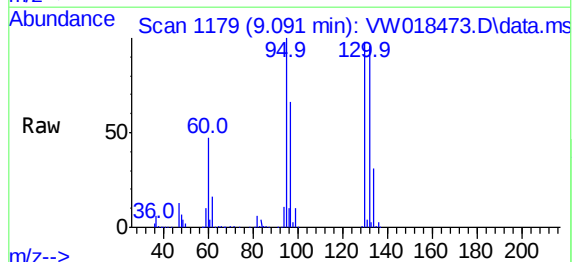
Tgt Ion: 78 Resp: 771341

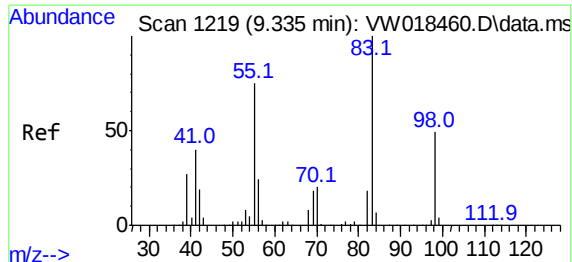


#35
Trichloroethene
Concen: 27.28 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 95 Resp: 214884

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	95.6	65.9	122.5
130	99.8	67.4	125.2

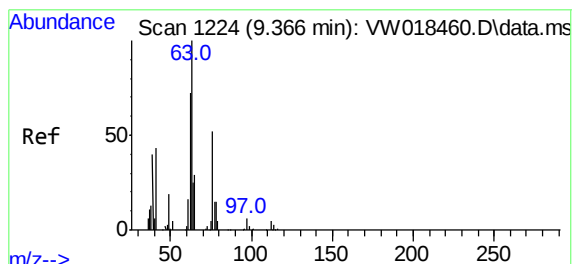
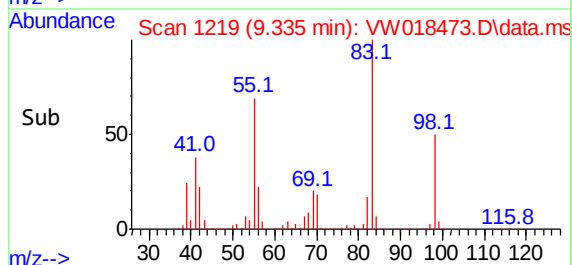
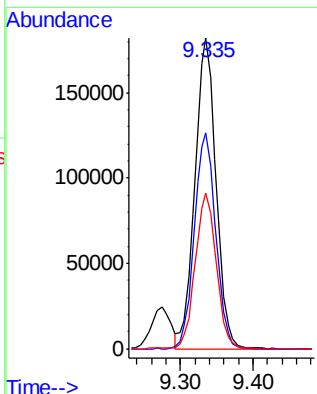
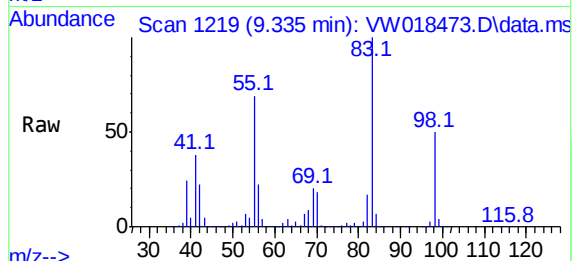




#36
Methylcyclohexane
Concen: 26.90 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

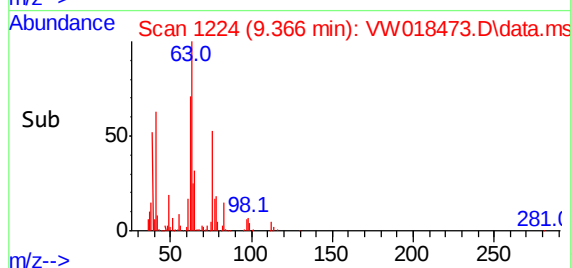
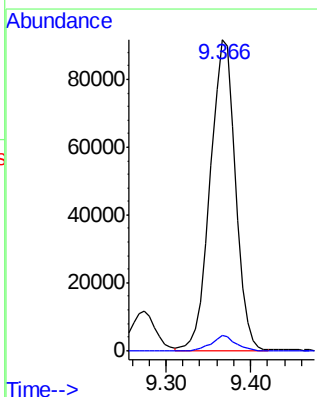
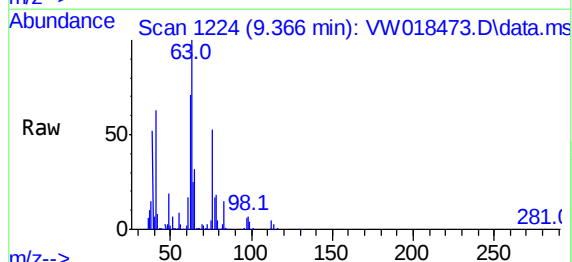
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

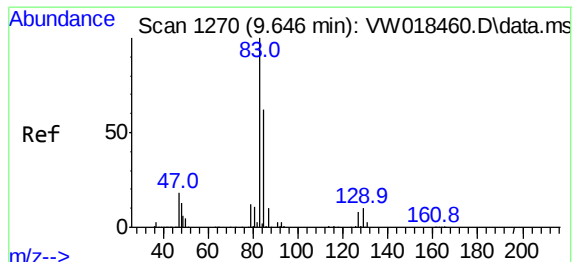
Tgt Ion: 83 Resp: 371063
Ion Ratio Lower Upper
83 100
55 70.0 56.8 85.2
98 50.1 40.6 61.0



#40
1,2-Dichloropropane
Concen: 26.57 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 63 Resp: 185343
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.4

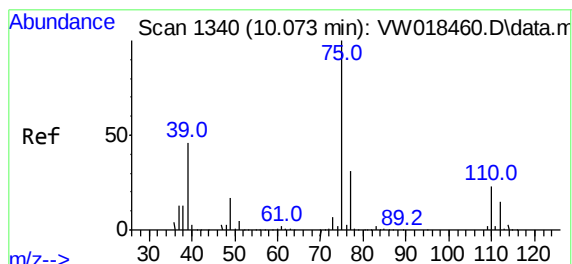
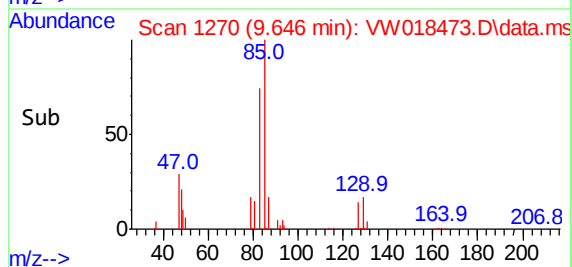
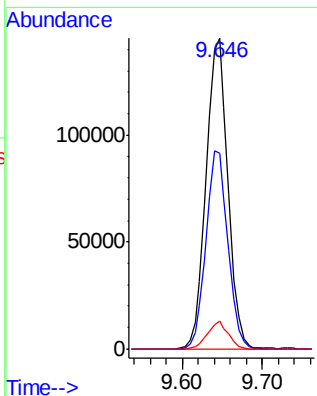
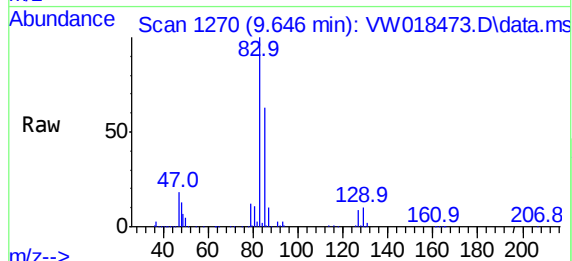




#41
Bromodichloromethane
Concen: 27.91 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

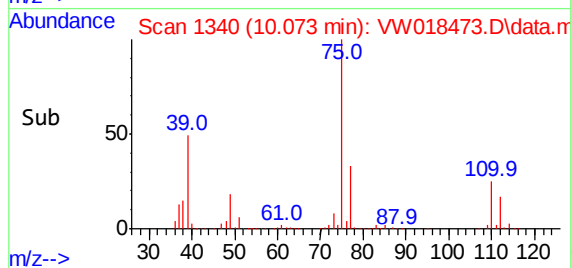
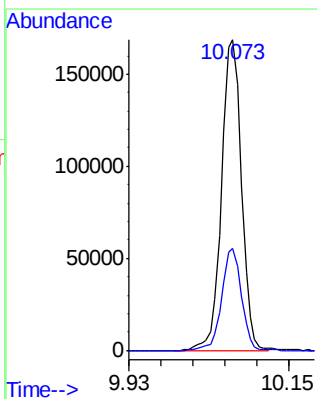
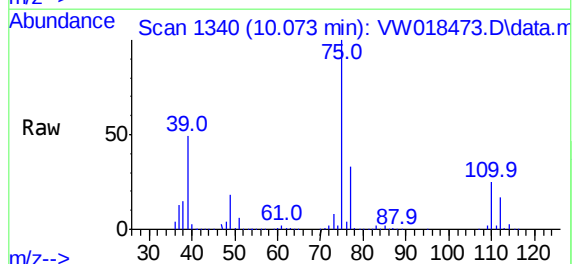
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

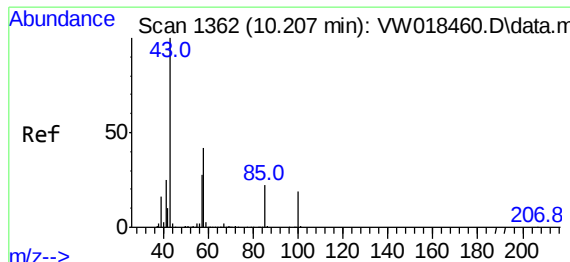
Tgt Ion: 83 Resp: 275193
Ion Ratio Lower Upper
83 100
85 62.9 43.8 81.4
127 9.0 6.9 10.3



#42
cis-1,3-Dichloropropene
Concen: 27.03 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 75 Resp: 318851
Ion Ratio Lower Upper
75 100
77 33.0 22.4 41.6

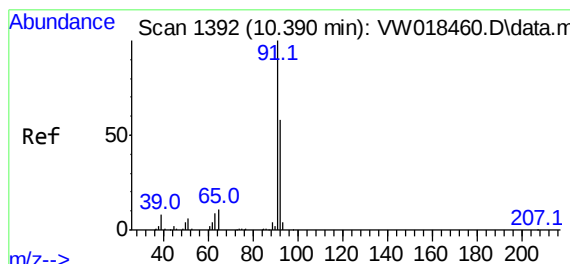
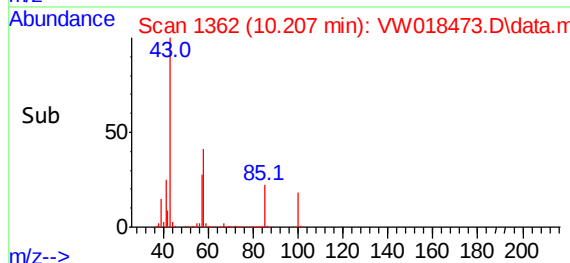
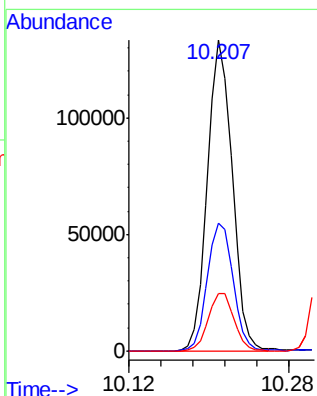
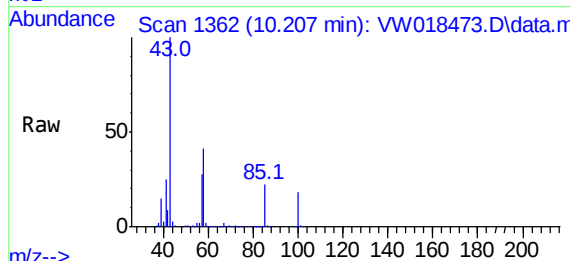




#43
4-Methyl-2-pentanone
Concen: 53.66 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

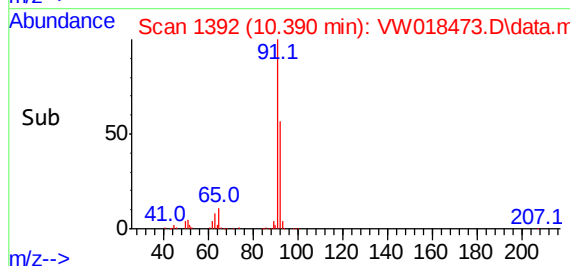
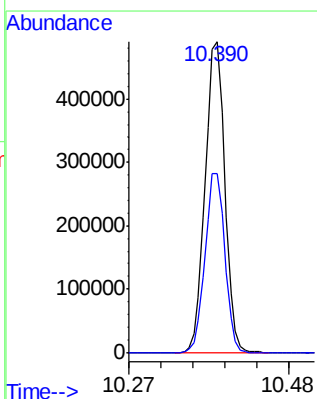
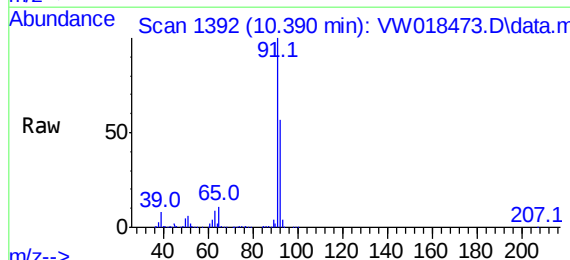
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

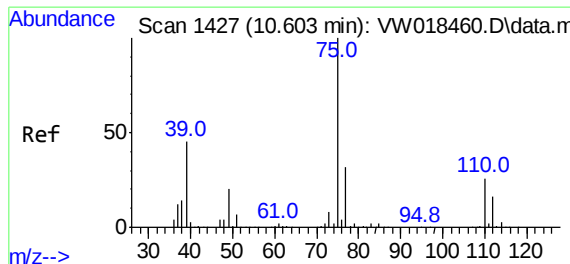
Tgt Ion: 43 Resp: 225079
Ion Ratio Lower Upper
43 100
58 42.6 34.8 52.2
100 19.1 15.9 23.9



#44
Toluene
Concen: 27.04 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 91 Resp: 876510
Ion Ratio Lower Upper
91 100
92 57.4 42.3 78.5

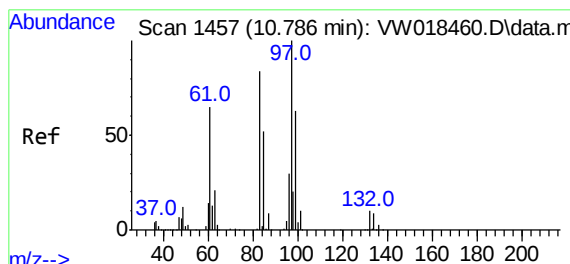
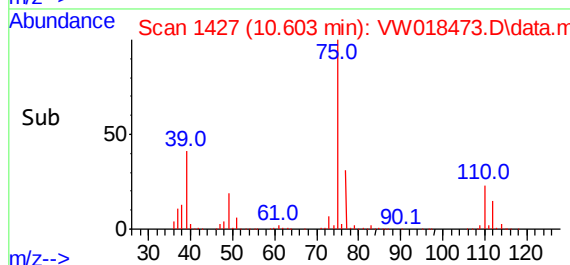
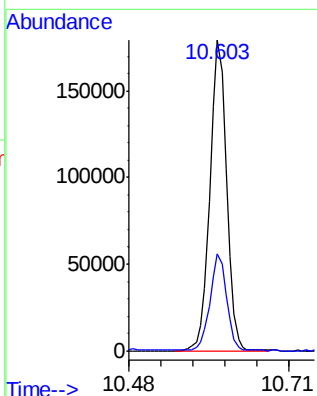
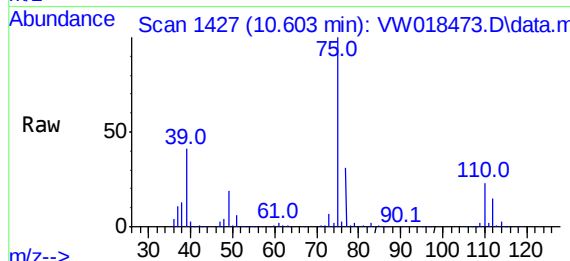




#45
trans-1,3-Dichloropropene
Concen: 28.34 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

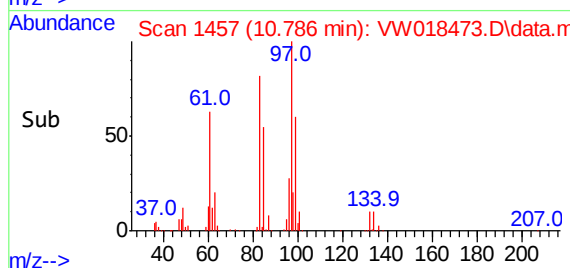
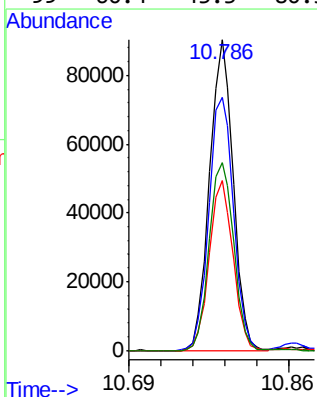
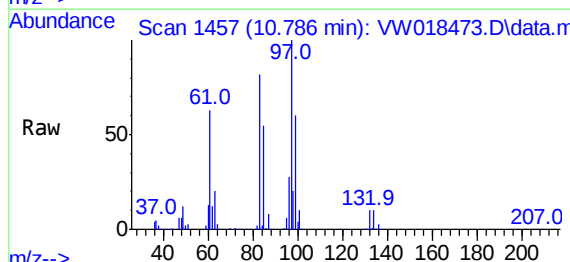
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

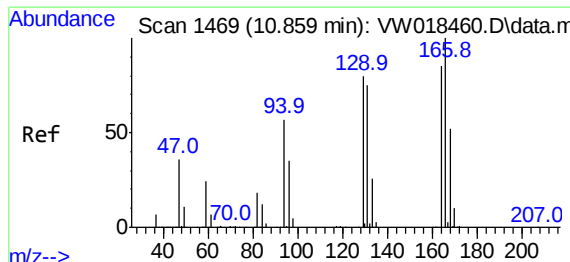
Tgt Ion: 75 Resp: 300139
Ion Ratio Lower Upper
75 100
77 31.2 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 27.54 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 97 Resp: 153175
Ion Ratio Lower Upper
97 100
83 81.5 58.9 109.5
85 54.7 38.4 71.4
99 60.4 43.3 80.3

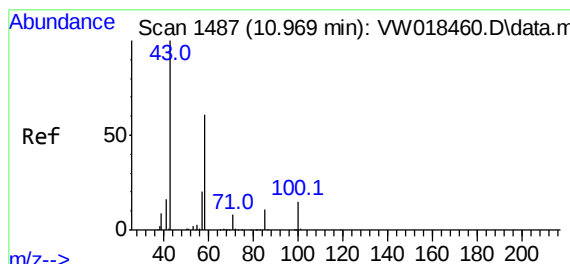
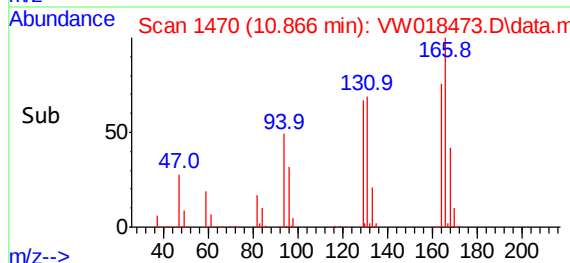
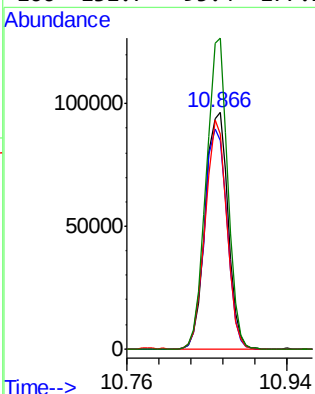
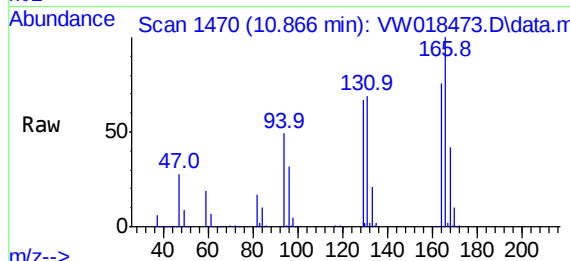




#47
Tetrachloroethene
Concen: 28.91 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

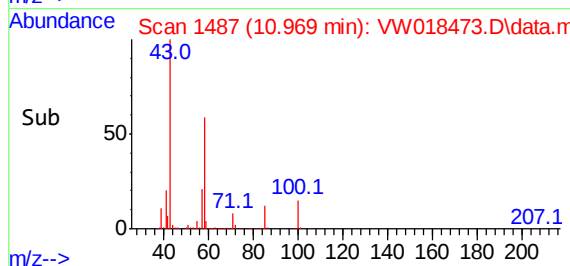
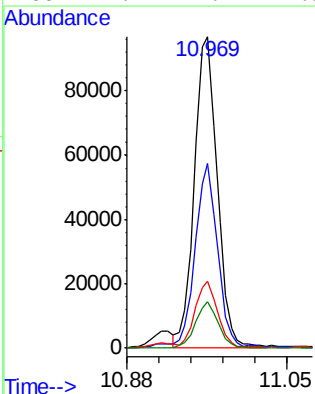
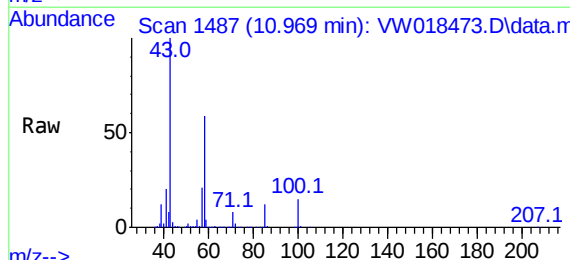
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

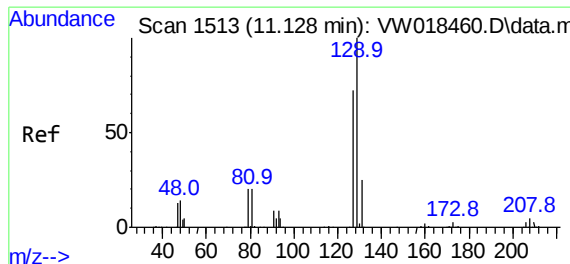
Tgt Ion:164 Resp: 172941
Ion Ratio Lower Upper
164 100
129 88.1 68.8 127.8
131 90.9 68.3 126.8
166 131.7 95.4 177.2



#49
2-Hexanone
Concen: 53.89 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 43 Resp: 159945
Ion Ratio Lower Upper
43 100
58 57.2 47.3 70.9
57 20.4 17.3 25.9
100 14.2 12.9 19.3

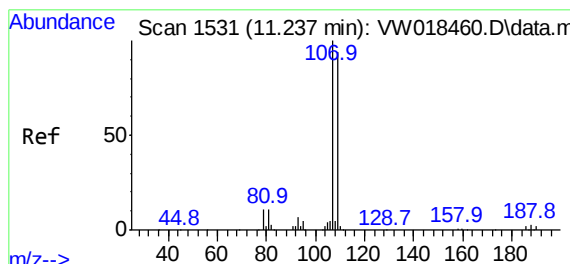
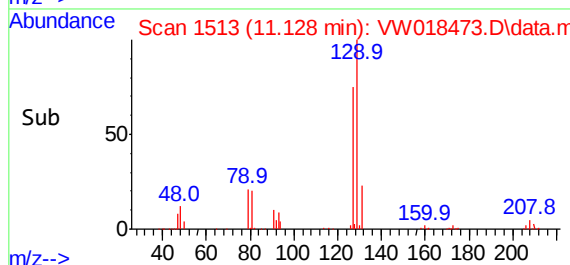
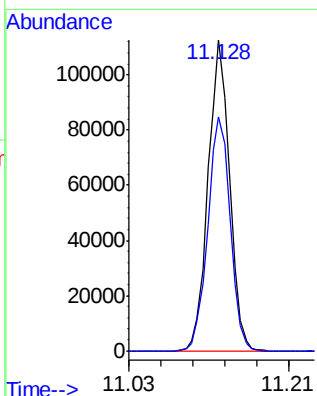
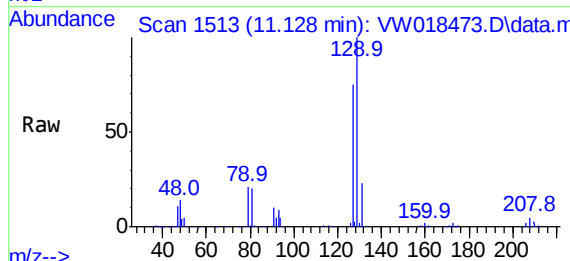




#50
Dibromochloromethane
Concen: 28.52 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

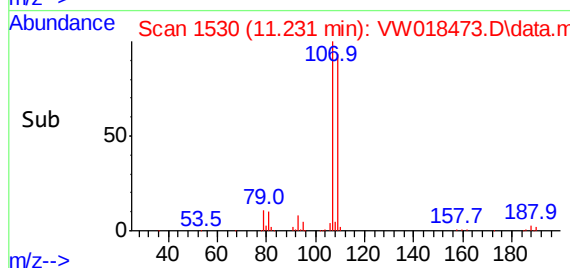
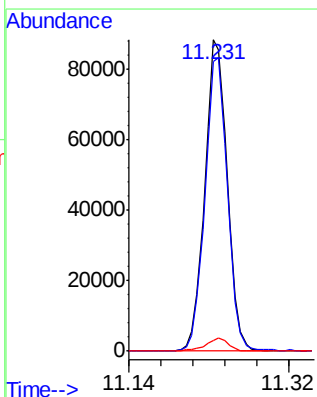
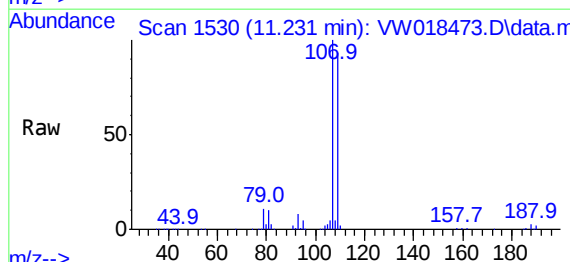
Instrument :
MSVOA_W
ClientSampled :
VSTD02518

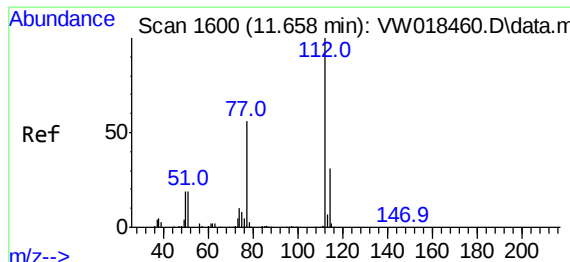
Tgt Ion:129 Resp: 187026
Ion Ratio Lower Upper
129 100
127 75.3 58.0 107.6



#51
1,2-Dibromoethane
Concen: 27.83 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:107 Resp: 153307
Ion Ratio Lower Upper
107 100
109 93.1 65.9 122.5
188 3.2 3.0 4.4

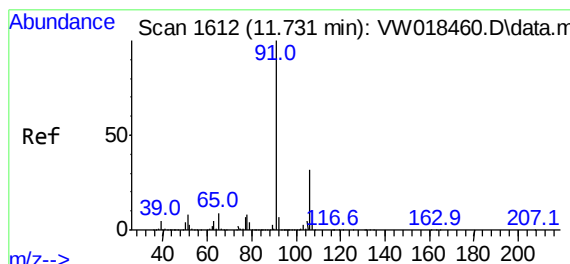
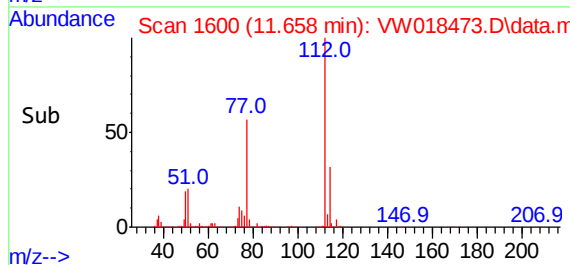
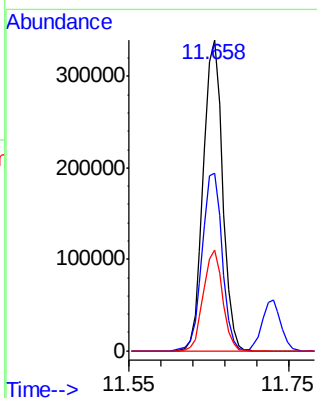
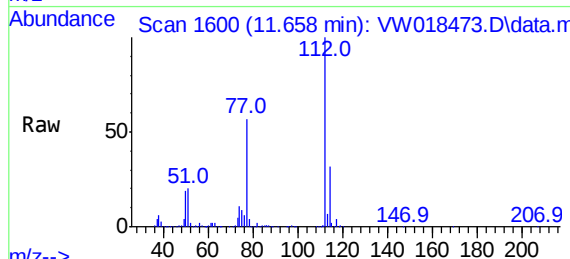




#52
Chlorobenzene
Concen: 27.68 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

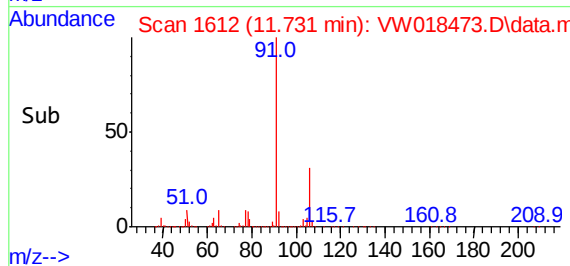
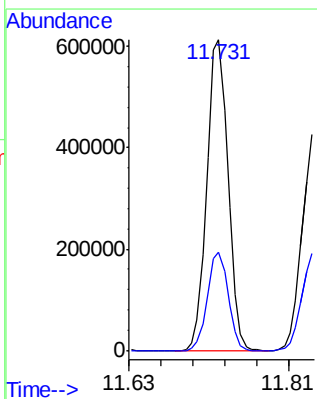
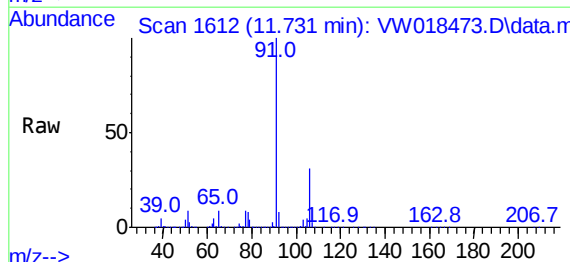
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

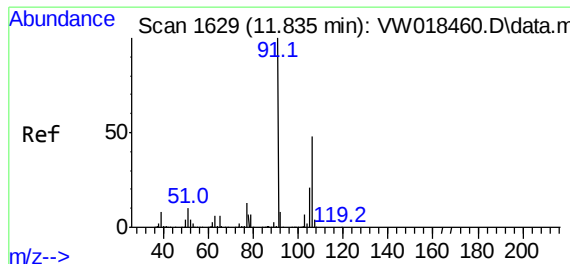
Tgt Ion:112 Resp: 569003
Ion Ratio Lower Upper
112 100
77 57.3 45.4 68.2
114 32.4 22.5 41.9



#53
Ethylbenzene
Concen: 27.67 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion: 91 Resp: 1011166
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3

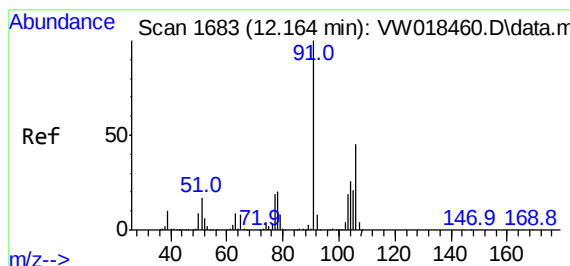
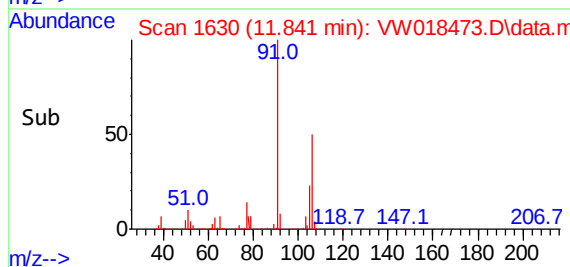
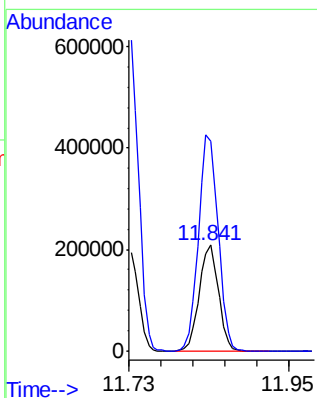
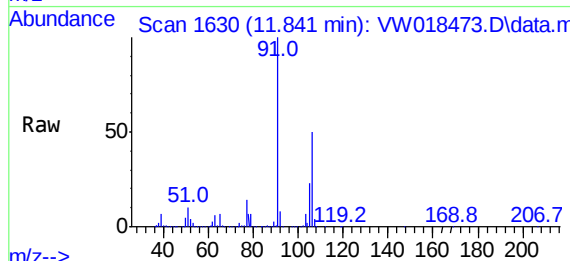




#54
m,p-Xylene
Concen: 27.62 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

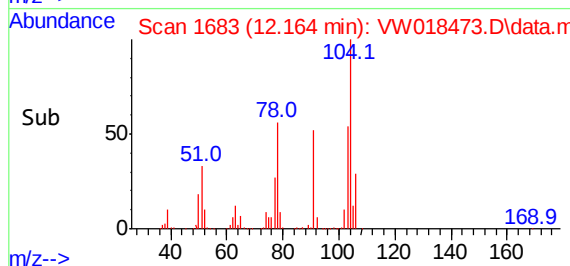
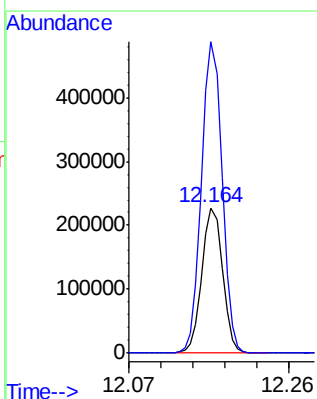
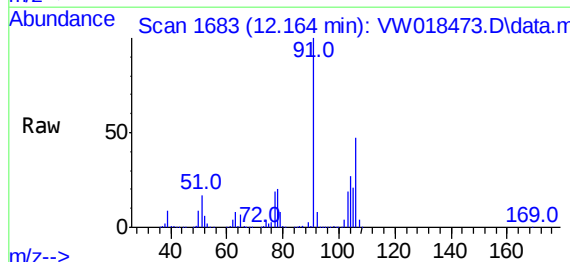
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

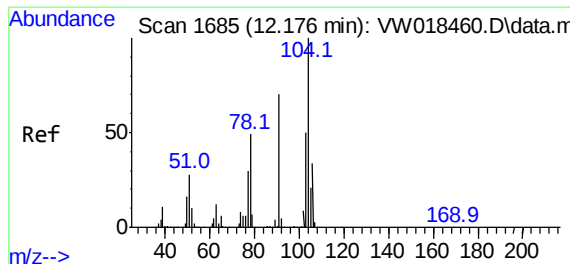
Tgt Ion:106 Resp: 385696
Ion Ratio Lower Upper
106 100
91 199.4 145.3 269.8



#55
o-xylene
Concen: 27.80 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:106 Resp: 370125
Ion Ratio Lower Upper
106 100
91 214.4 154.3 286.5

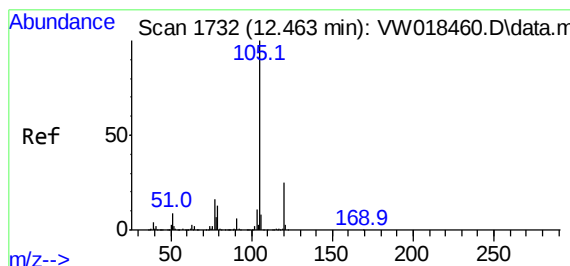
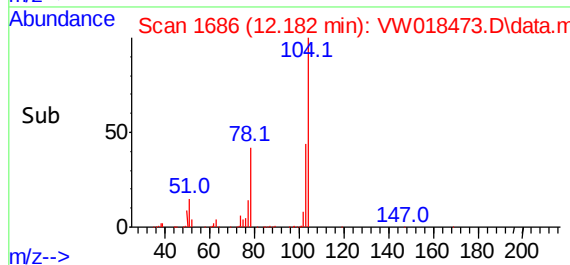
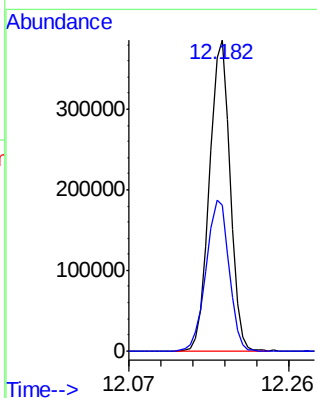
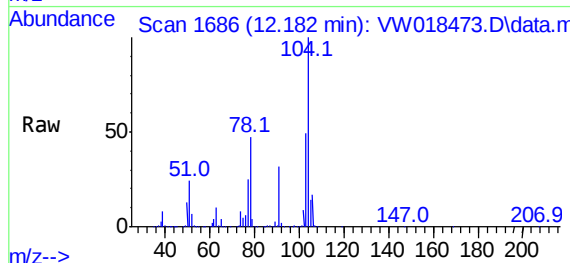




#56
Styrene
Concen: 27.67 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

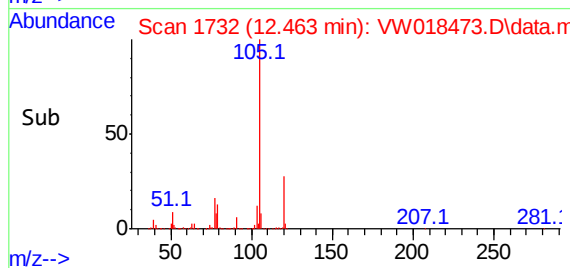
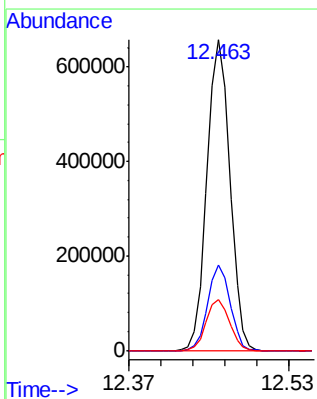
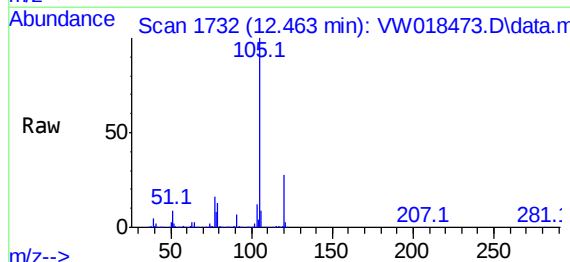
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

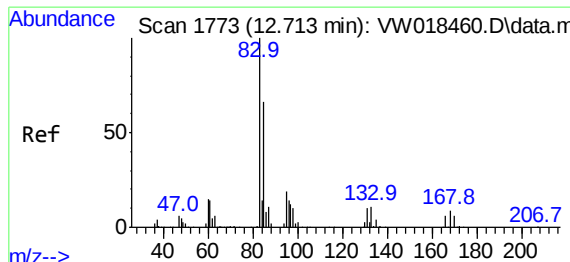
Tgt Ion:104 Resp: 628228
Ion Ratio Lower Upper
104 100
78 47.0 34.7 64.5



#57
Isopropylbenzene
Concen: 28.27 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:105 Resp: 1023528
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.5 13.2 19.8



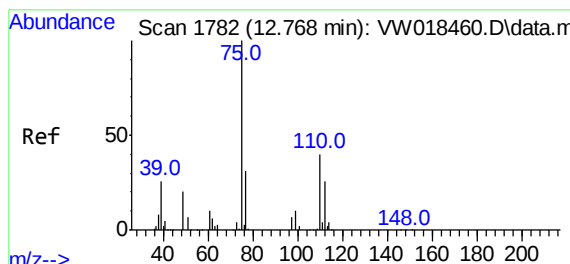
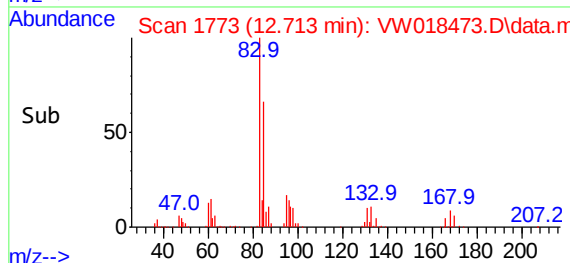
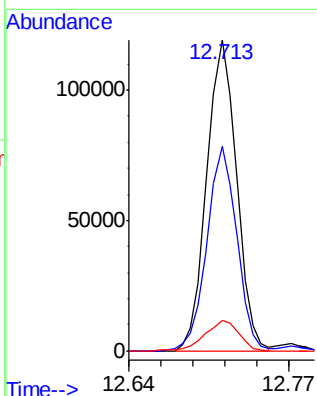
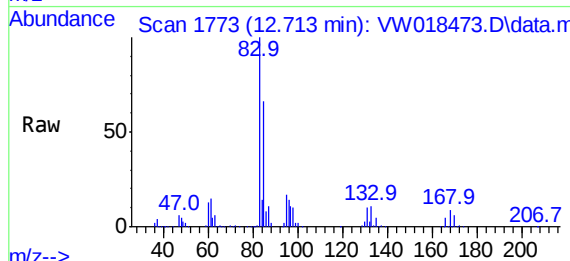


#58
 1,1,2,2-Tetrachloroethane
 Concen: 28.23 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Tgt Ion: 83 Resp: 190018

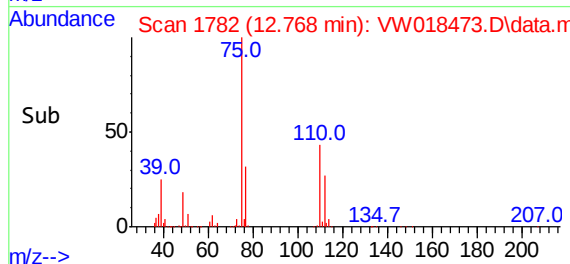
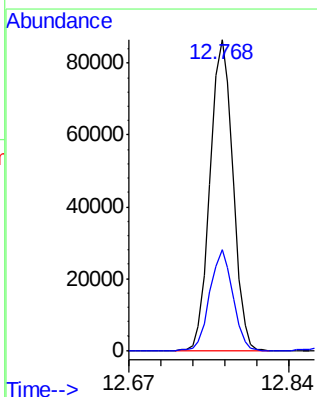
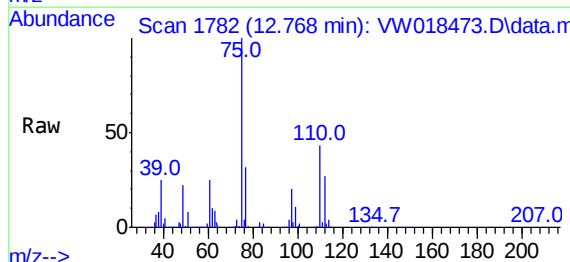
Ion	Ratio	Lower	Upper
83	100		
85	65.9	49.0	91.0
131	9.8	8.7	13.1

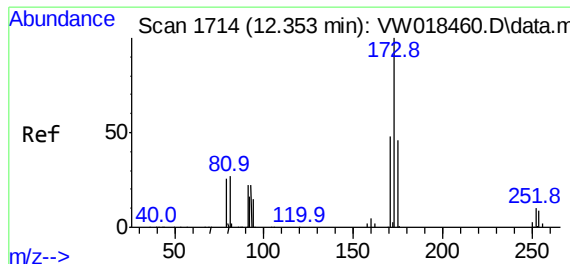


#59
 1,2,3-Trichloropropane
 Concen: 27.94 ug/L
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Tgt Ion: 75 Resp: 141969

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.6	38.4

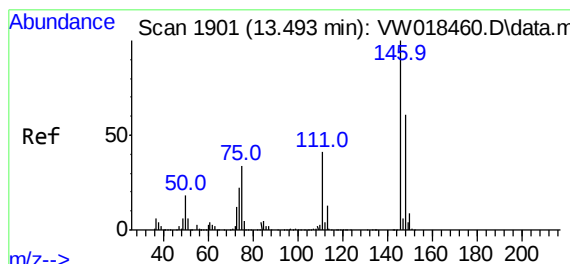
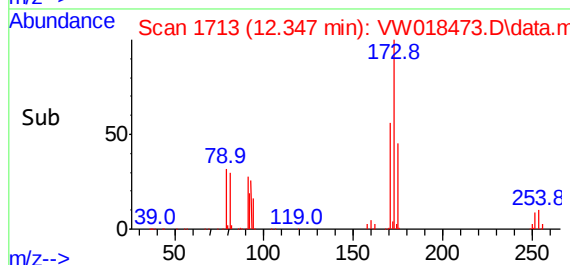
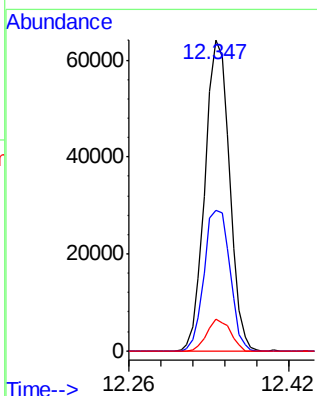
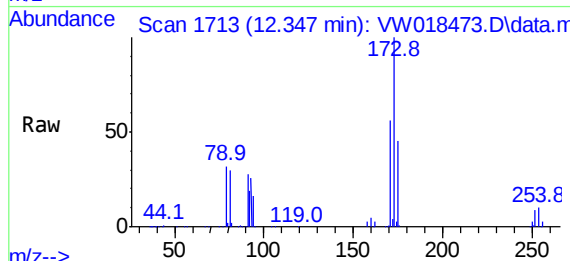




#62
Bromoform
Concen: 28.66 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

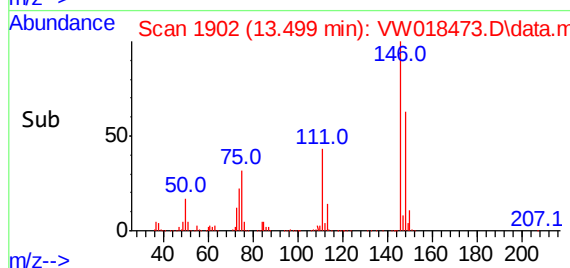
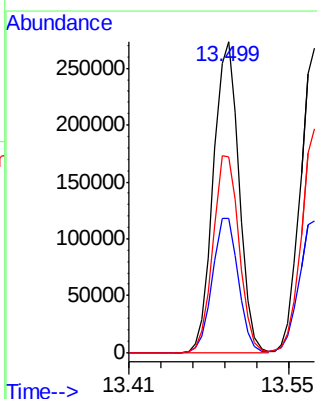
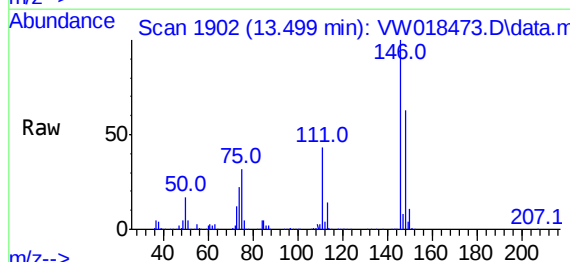
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

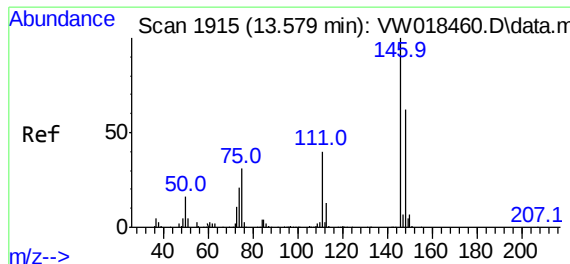
Tgt Ion:173 Resp: 113276
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.2
254 9.7 6.0 9.0#



#63
1,3-Dichlorobenzene
Concen: 27.01 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:146 Resp: 445508
Ion Ratio Lower Upper
146 100
111 43.0 27.5 51.1
148 63.0 43.0 80.0

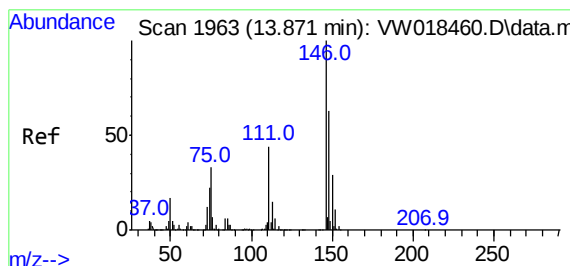
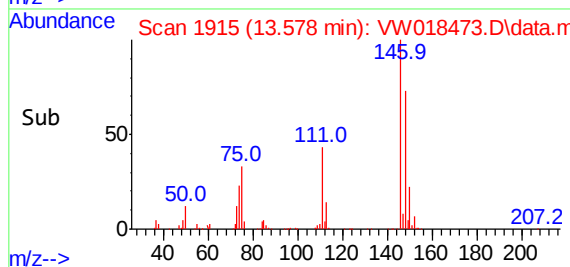
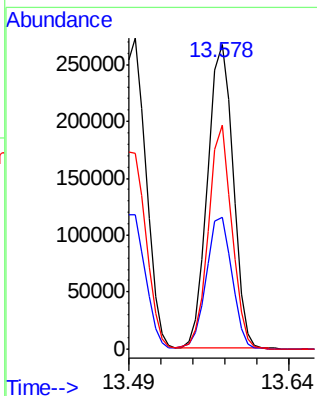
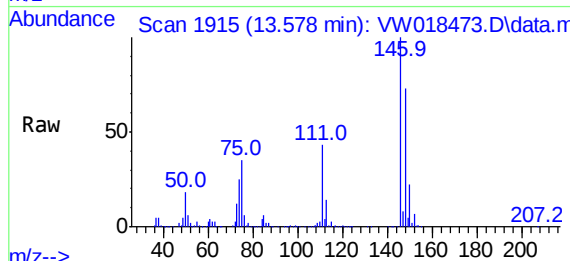




#64
1,4-Dichlorobenzene
Concen: 26.15 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

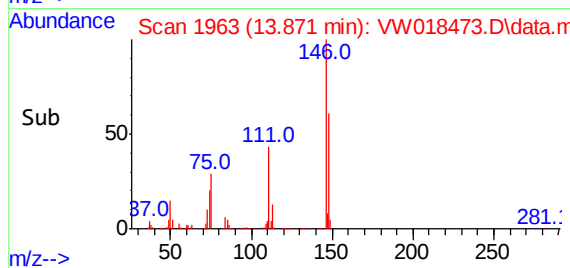
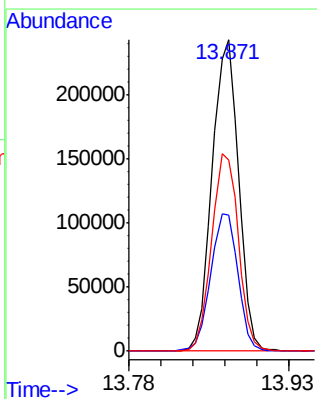
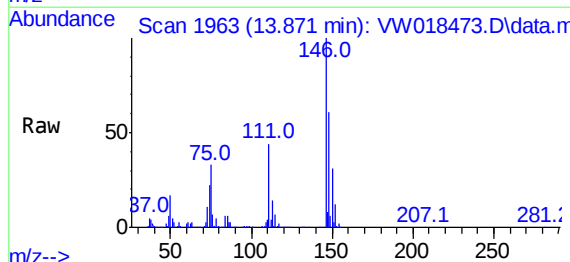
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

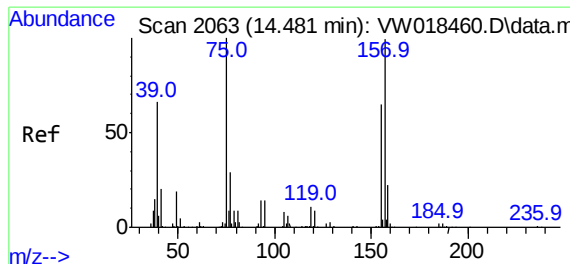
Tgt Ion:146 Resp: 435203
Ion Ratio Lower Upper
146 100
111 43.0 28.3 52.5
148 73.3 47.3 87.9



#65
1,2-Dichlorobenzene
Concen: 27.72 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:146 Resp: 408599
Ion Ratio Lower Upper
146 100
111 43.5 36.0 54.0
148 61.1 50.2 75.4



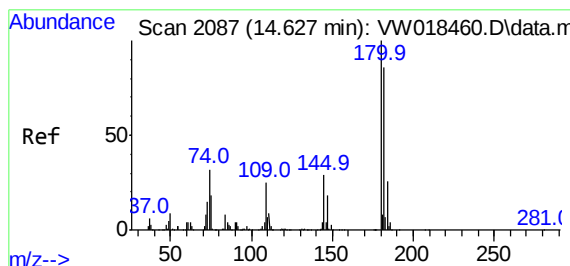
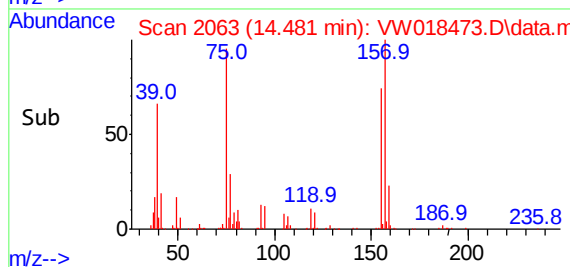
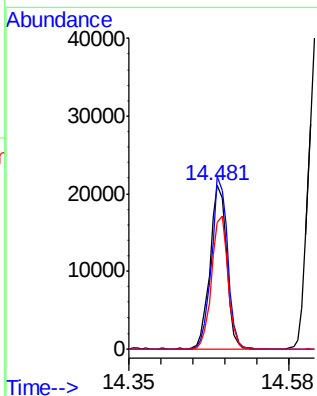
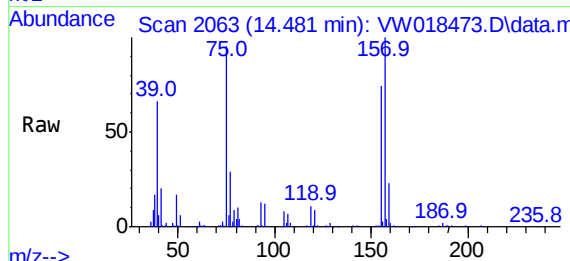


#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.27 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Tgt Ion: 75 Resp: 35008

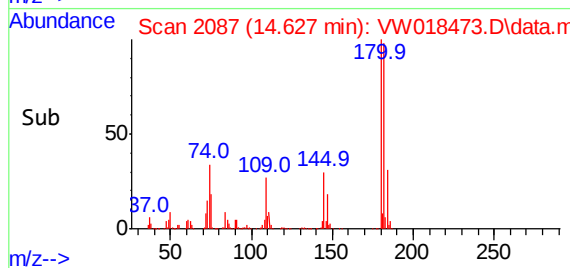
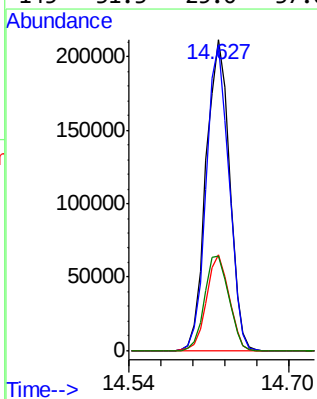
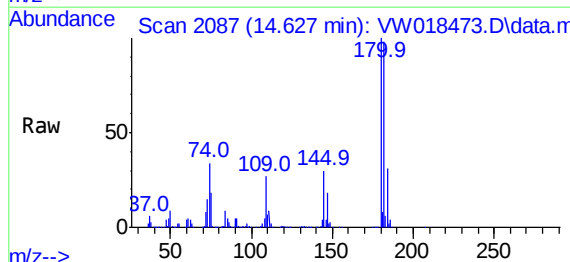
Ion	Ratio	Lower	Upper
75	100		
157	105.6	65.2	97.8#
155	77.6	60.1	90.1

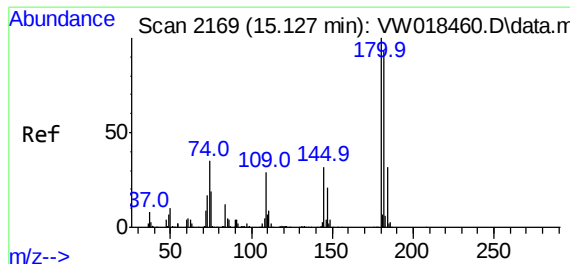


#67
 1,3,5-Trichlorobenzene
 Concen: 28.40 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Tgt Ion: 180 Resp: 337838

Ion	Ratio	Lower	Upper
180	100		
182	94.6	71.8	107.8
184	29.5	23.5	35.3
145	31.3	25.0	37.6

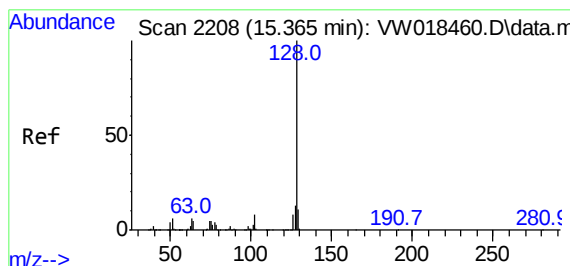
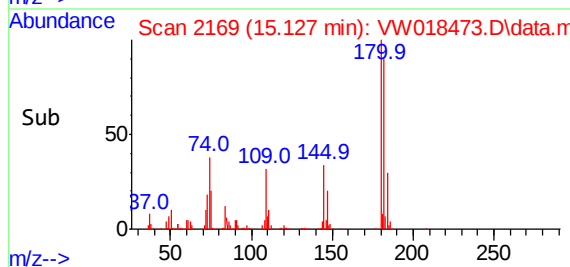
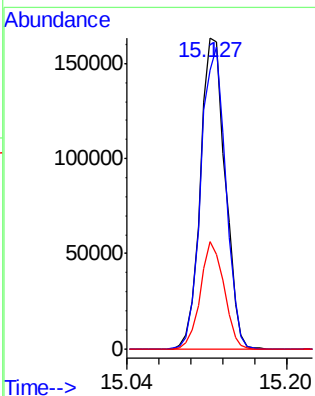
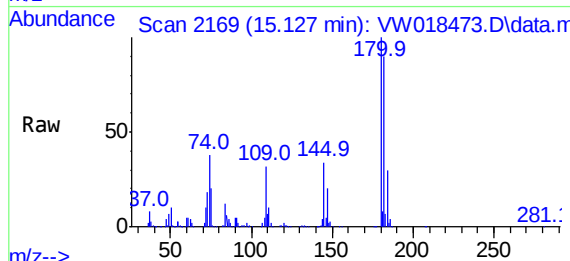




#68
1,2,4-trichlorobenzene
Concen: 27.25 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

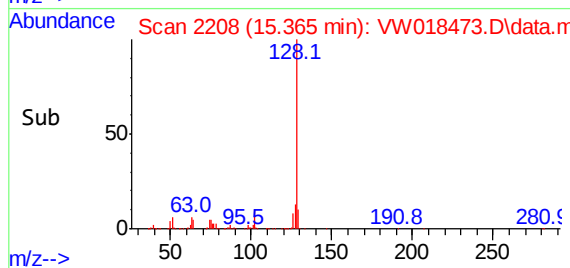
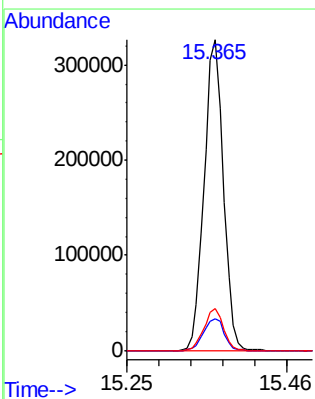
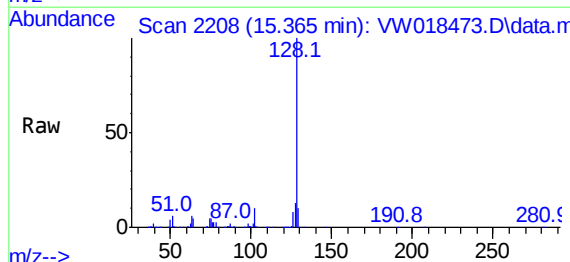
Instrument :
MSVOA_W
ClientSampleId :
VSTD02518

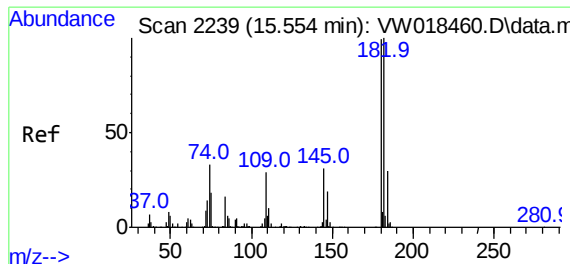
Tgt Ion:180 Resp: 275832
Ion Ratio Lower Upper
180 100
182 96.9 70.2 105.4
145 32.8 24.9 37.3



#69
Naphthalene
Concen: 27.04 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018473.D
Acq: 29 Mar 2021 09:03

Tgt Ion:128 Resp: 569843
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.4 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 28.26 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. -0.000 min
 Lab File: VW018473.D
 Acq: 29 Mar 2021 09:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Tgt Ion:180 Resp: 249580

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.5	114.7
145	33.2	27.7	41.5

