

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012121\
 Data File : VW017974.D
 Acq On : 21 Jan 2021 13:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Jan 22 00:26:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 00:25:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	350853	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325972	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	159751	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116098	21.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.32%		
7) Chloroethane-d5	2.885	69	103357	22.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.92%		
10) 1,1-Dichloroethene-d2	4.019	63	228049	22.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.68%		
20) 2-Butanone-d5	7.080	46	40004	30.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.08%		
24) Chloroform-d	7.647	84	221479	23.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.52%		
26) 1,2-Dichloroethane-d4	8.305	65	112813	20.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.32%		
29) Benzene-d6	8.269	84	413621	22.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.68%		
33) 1,2-Dichloropropane-d6	9.274	67	117353	22.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.40%		
37) Toluene-d8	10.323	98	389260	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.88%		
38) trans-1,3-Dichloroprop...	10.573	79	46757	19.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.12%		
39) 2-Hexanone-d5	10.927	63	27893	29.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.62%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	85145	18.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	123318	22.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	131101	30.87	ug/L	93
3) Chloromethane	2.209	50	105205	27.39	ug/L	98
5) Vinyl chloride	2.361	62	172148	29.40	ug/L	98
6) Bromomethane	2.782	94	131633	27.98	ug/L	99
8) Chloroethane	2.922	64	105264	28.94	ug/L	99
9) Trichlorofluoromethane	3.263	101	114520	25.80	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	132544	27.14	ug/L #	71
12) 1,1-Dichloroethene	4.038	96	124998	27.15	ug/L	85
13) Acetone	4.135	43	37640	40.13	ug/L	86
14) Carbon disulfide	4.385	76	386408	27.11	ug/L	99
15) Methyl Acetate	4.672	43	40288	17.65	ug/L	99
16) Methylene chloride	4.916	84	125290	24.65	ug/L	90
17) Methyl tert-butyl Ether	5.422	73	137596	22.20	ug/L	97
18) trans-1,2-Dichloroethene	5.422	96	135231	27.15	ug/L	97
19) 1,1-Dichloroethane	6.208	63	237850	28.19	ug/L	100
21) 2-Butanone	7.165	43	54378	37.32	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	139206	26.68	ug/L	93
23) Bromochloromethane	7.513	128	57933	24.42	ug/L	92
25) Chloroform	7.671	83	244455	27.19	ug/L	99
27) 1,2-Dichloroethane	8.397	62	157965	25.47	ug/L #	94

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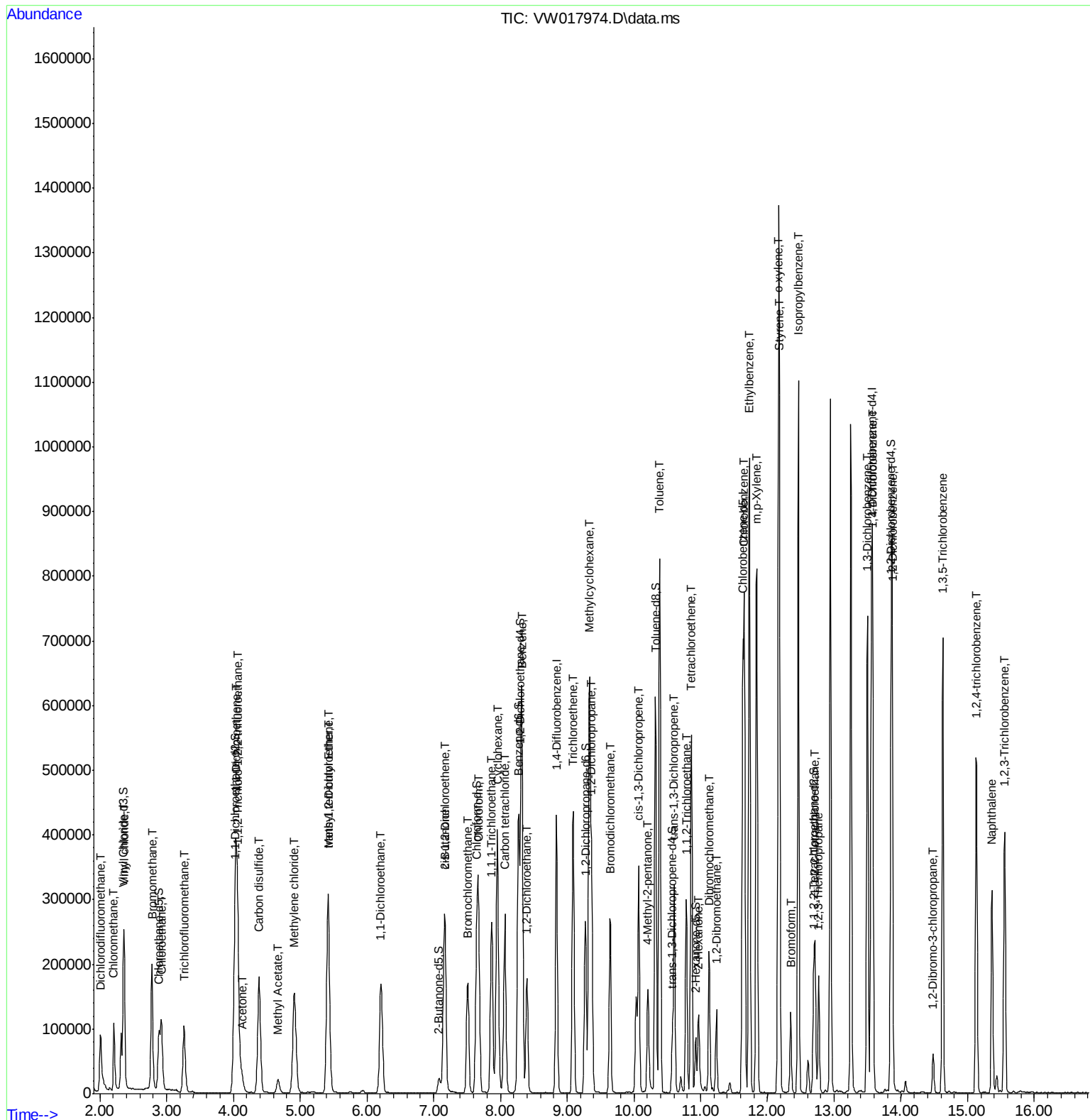
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	220378	27.52	ug/L	100
31) 1,1,1-Trichloroethane	7.866	97	206255	27.15	ug/L	96
32) Carbon tetrachloride	8.067	117	199635	27.49	ug/L	100
34) Benzene	8.323	78	531690	27.59	ug/L	100
35) Trichloroethene	9.092	95	145440	27.44	ug/L	93
36) Methylcyclohexane	9.335	83	258589	28.02	ug/L	98
40) 1,2-Dichloropropane	9.366	63	125814	26.98	ug/L	98
41) Bromodichloromethane	9.640	83	174006	27.04	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	193996	26.18	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	115512	36.85	ug/L	94
44) Toluene	10.384	91	596238	27.99	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	160230	24.75	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	87243	23.24	ug/L	94
47) Tetrachloroethene	10.860	164	106571	25.56	ug/L	95
49) 2-Hexanone	10.969	43	78944	36.88	ug/L #	86
50) Dibromochloromethane	11.128	129	107923	24.08	ug/L	96
51) 1,2-Dibromoethane	11.238	107	83457	22.11	ug/L #	96
52) Chlorobenzene	11.652	112	362976	26.44	ug/L	95
53) Ethylbenzene	11.731	91	673740	28.01	ug/L	98
54) m,p-Xylene	11.841	106	256318	27.53	ug/L	95
55) o-xylene	12.164	106	238236	27.62	ug/L	95
56) Styrene	12.182	104	402771	27.55	ug/L	96
57) Isopropylbenzene	12.463	105	673276	28.08	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	96642	20.86	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	71051	20.28	ug/L	99
62) Bromoform	12.347	173	50490	22.16	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	271278	27.12	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	272588	27.11	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	235368	26.13	ug/L	94
66) 1,2-Dibromo-3-chloropr...	14.481	75	13845	18.34	ug/L #	76
67) 1,3,5-Trichlorobenzene	14.627	180	187576	26.83	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	150754	25.27	ug/L	97
69) Naphthalene	15.365	128	255932	20.05	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	123810	23.80	ug/L	98

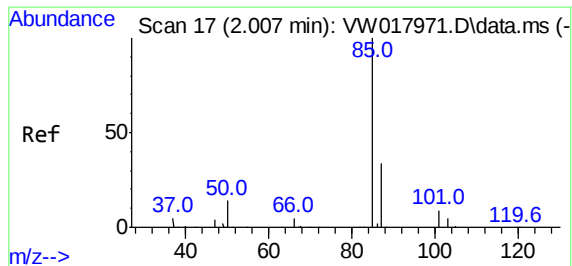
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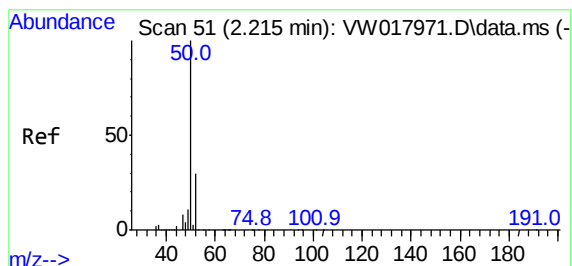
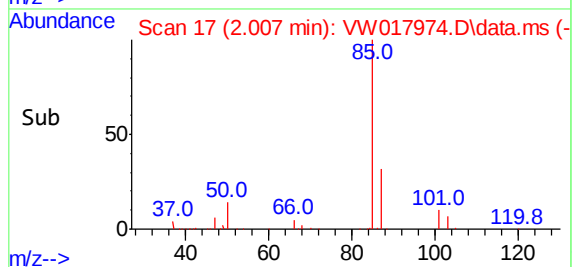
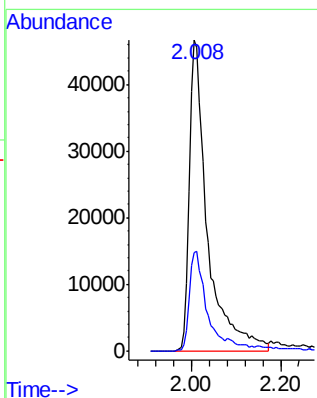
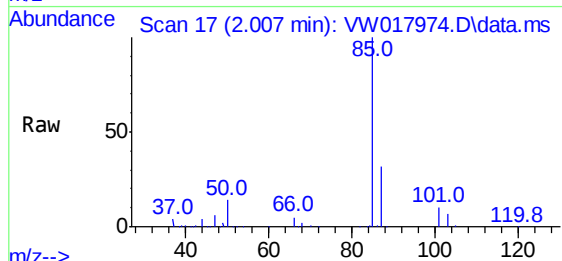




#2
Dichlorodifluoromethane
Concen: 30.87 ug/L
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

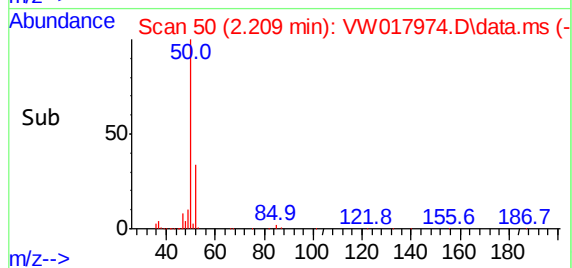
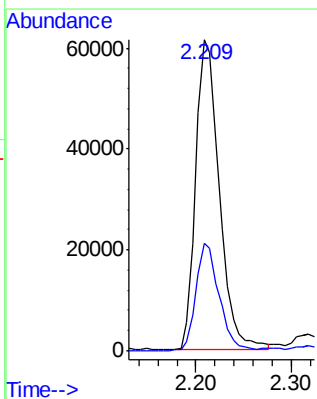
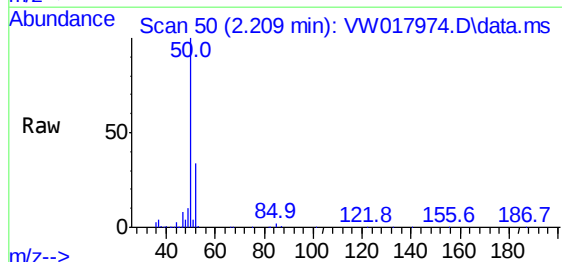
Instrument :
MSVOA_W
ClientSampleId :
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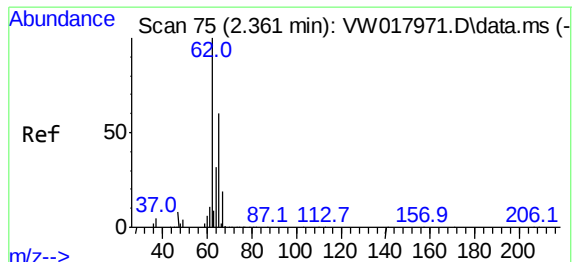
Tgt Ion: 85 Resp: 131101
Ion Ratio Lower Upper
85 100
87 29.0 23.2 43.0



#3
Chloromethane
Concen: 27.39 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 50 Resp: 105205
Ion Ratio Lower Upper
50 100
52 34.4 23.4 43.6

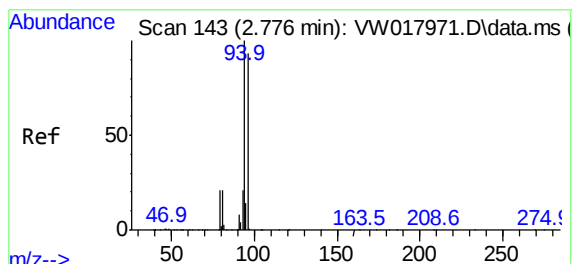
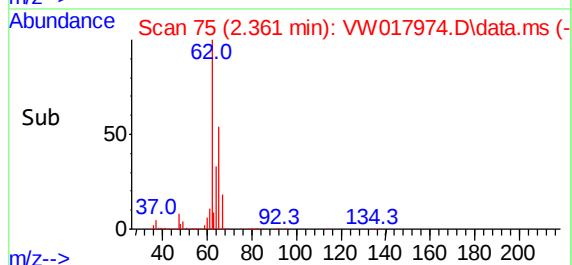
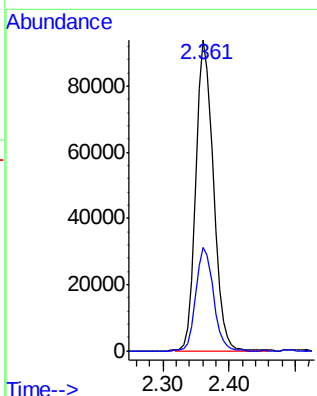
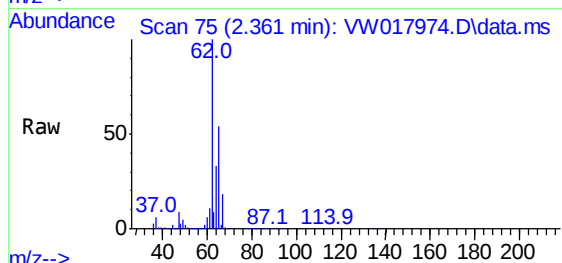




#5
 Vinyl chloride
 Concen: 29.40 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW017974.D
 Acq: 21 Jan 2021 13:27

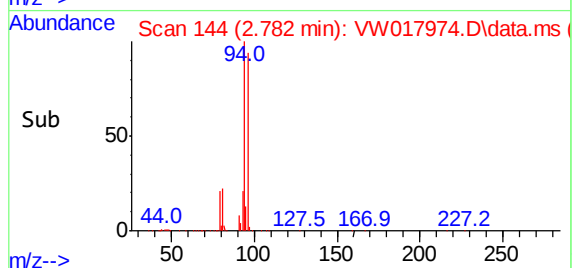
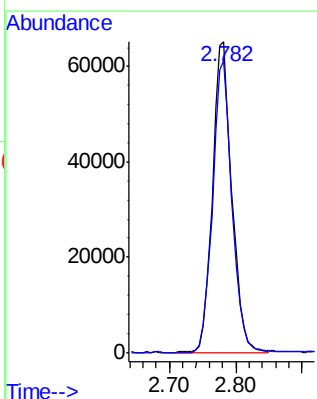
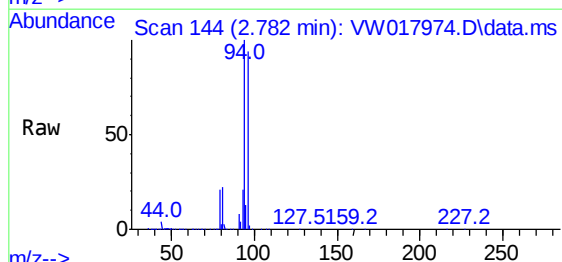
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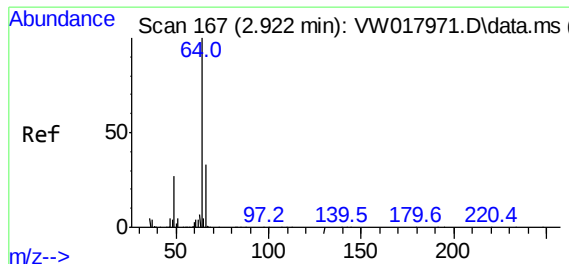
Tgt Ion: 62 Resp: 172148
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.9 44.5



#6
 Bromomethane
 Concen: 27.98 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW017974.D
 Acq: 21 Jan 2021 13:27

Tgt Ion: 94 Resp: 131633
 Ion Ratio Lower Upper
 94 100
 96 94.4 9.4 178.0

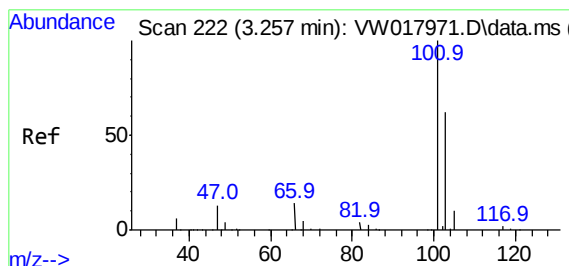
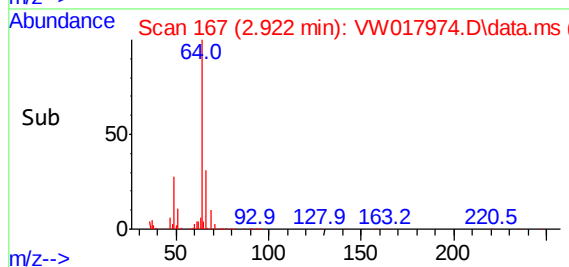
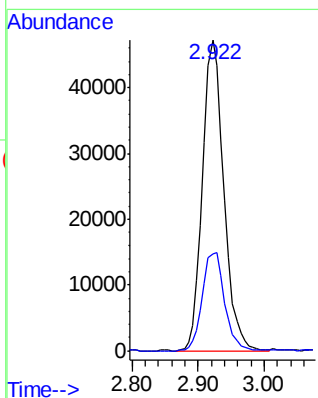
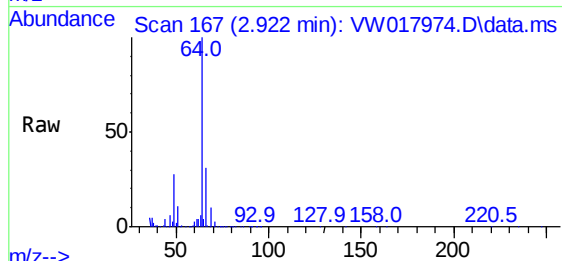




#8
Chloroethane
Concen: 28.94 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

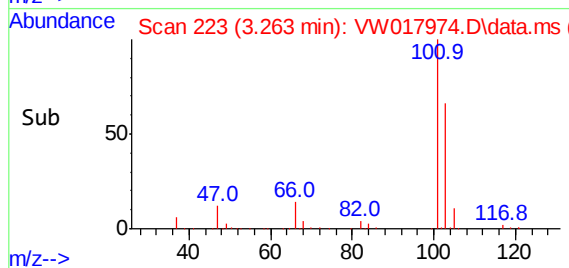
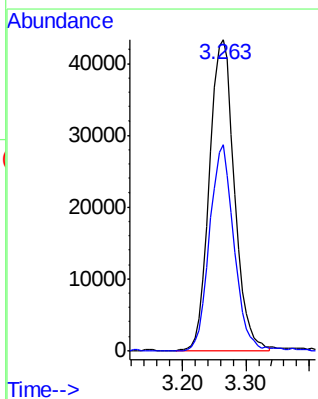
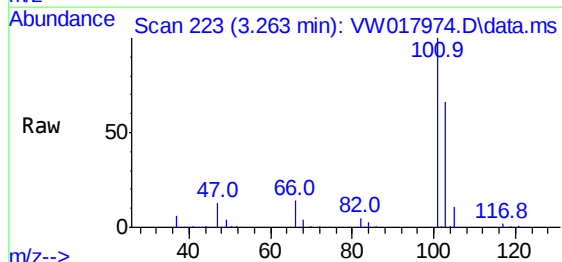
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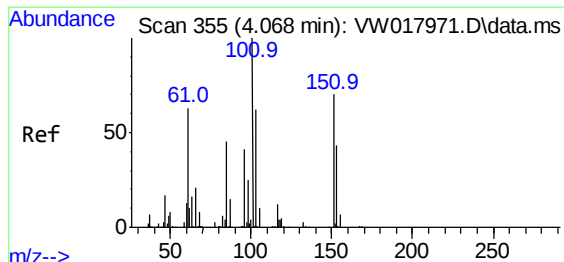
Tgt Ion: 64 Resp: 105264
Ion Ratio Lower Upper
64 100
66 31.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.80 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 101 Resp: 114520
Ion Ratio Lower Upper
101 100
103 63.9 45.0 83.6

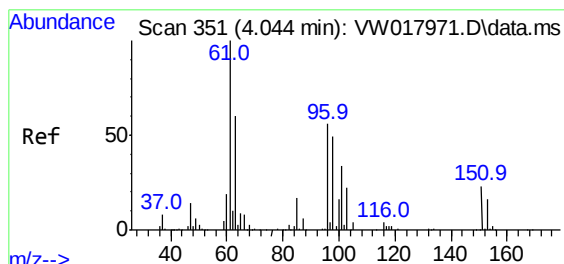
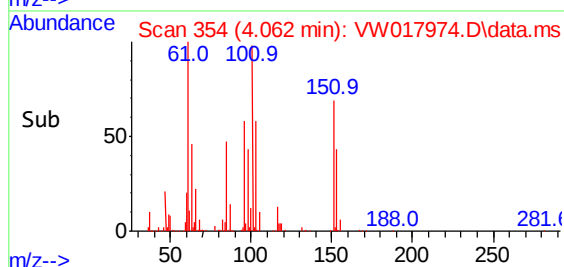
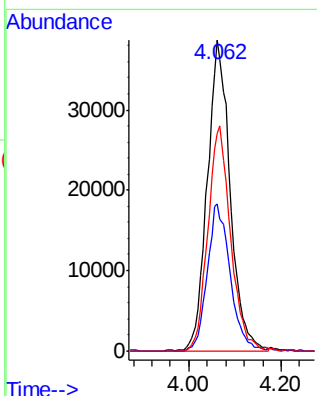
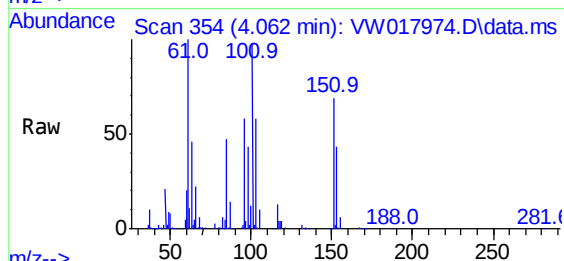




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.14 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW017974.D
 Acq: 21 Jan 2021 13:27

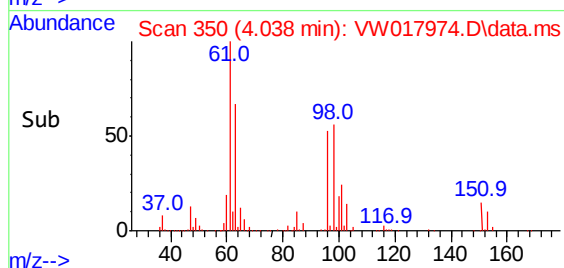
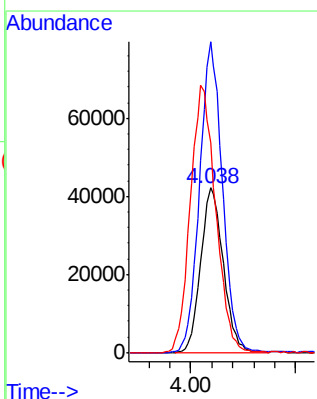
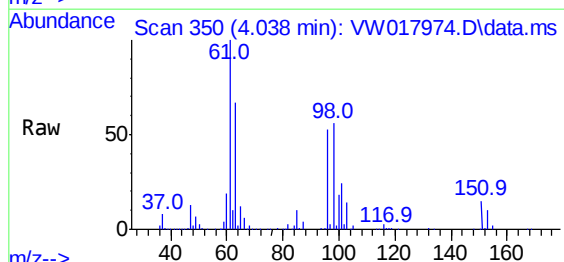
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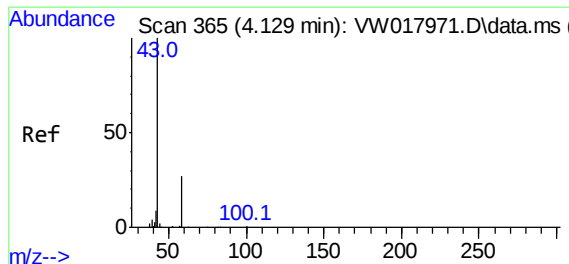
Tgt Ion:101 Resp: 132544
 Ion Ratio Lower Upper
 101 100
 85 46.8 34.2 51.4
 151 71.5 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 27.15 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW017974.D
 Acq: 21 Jan 2021 13:27

Tgt Ion: 96 Resp: 124998
 Ion Ratio Lower Upper
 96 100
 61 188.7 112.5 208.9
 63 127.0 83.1 154.3

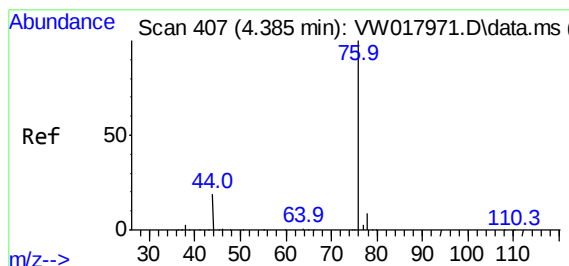
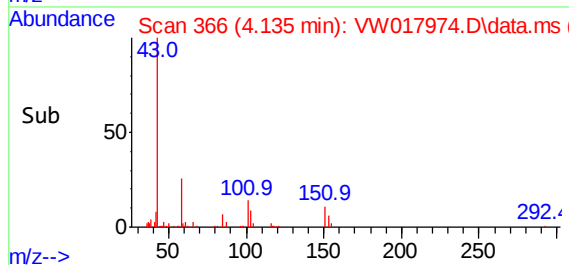
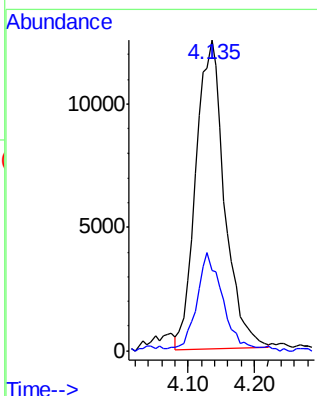
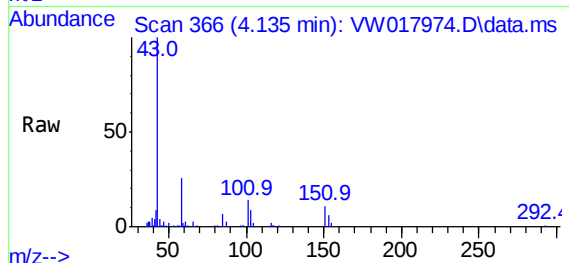




#13
Acetone
Concen: 40.13 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

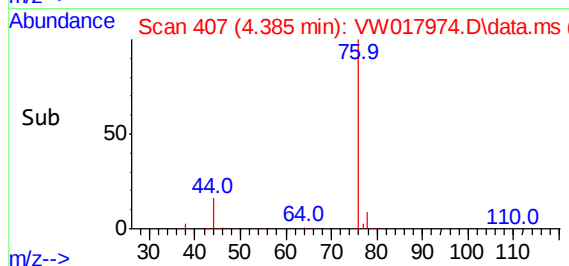
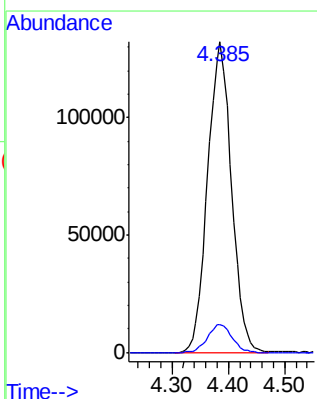
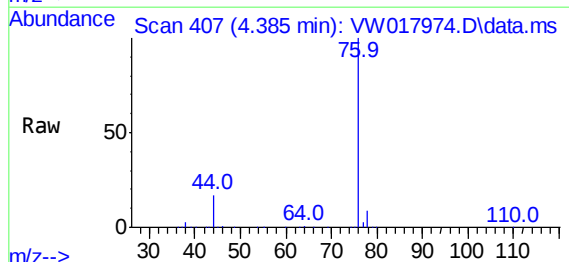
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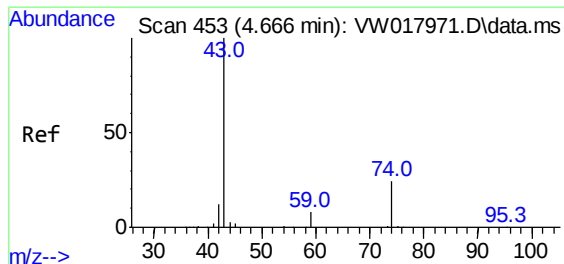
Tgt Ion: 43 Resp: 37640
Ion Ratio Lower Upper
43 100
58 26.3 0.0 68.4



#14
Carbon disulfide
Concen: 27.11 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 386408
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

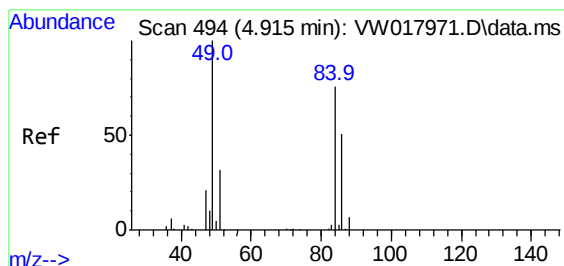
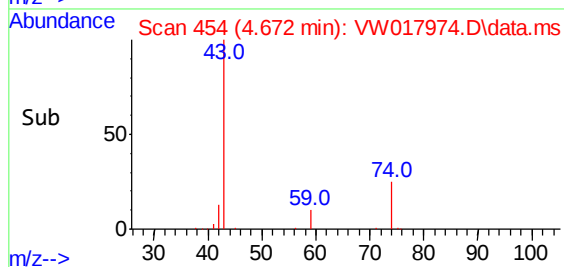
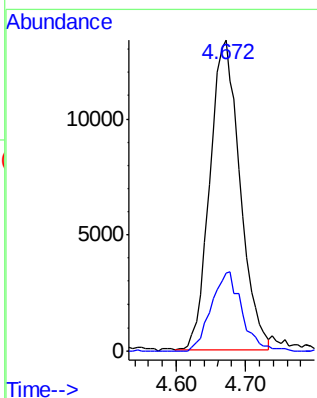
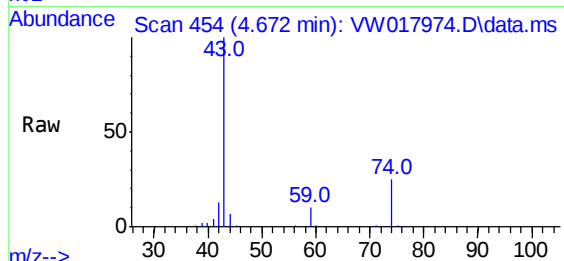




#15
Methyl Acetate
Concen: 17.65 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

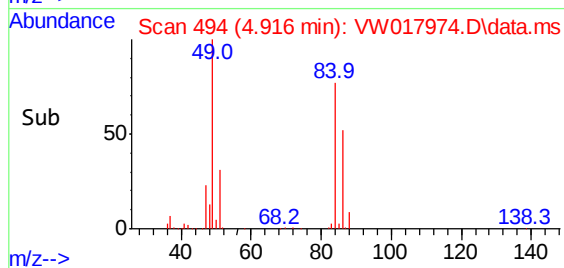
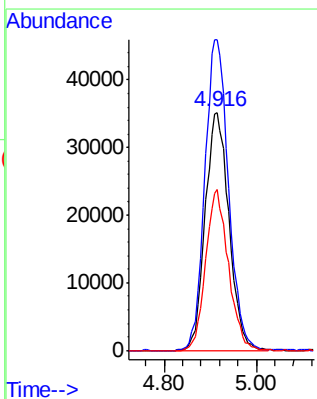
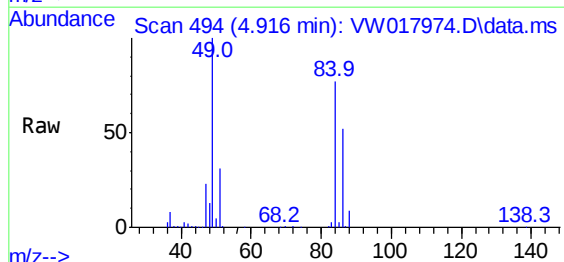
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

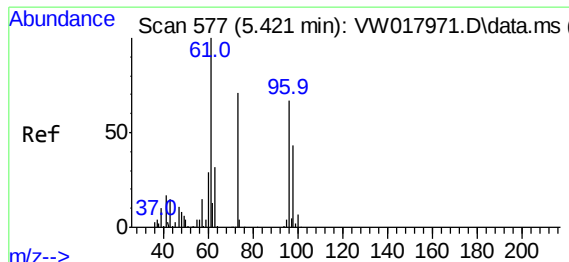
Tgt Ion: 43 Resp: 40288
Ion Ratio Lower Upper
43 100
74 25.5 20.7 31.1



#16
Methylene chloride
Concen: 24.65 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 84 Resp: 125290
Ion Ratio Lower Upper
84 100
49 130.3 81.2 150.8
86 67.4 44.5 82.7



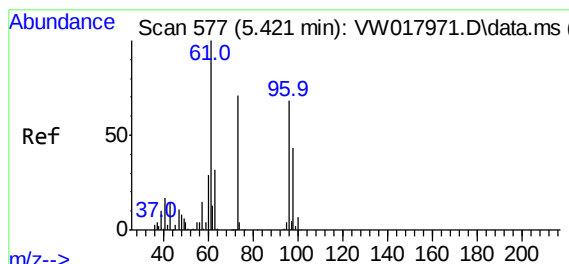
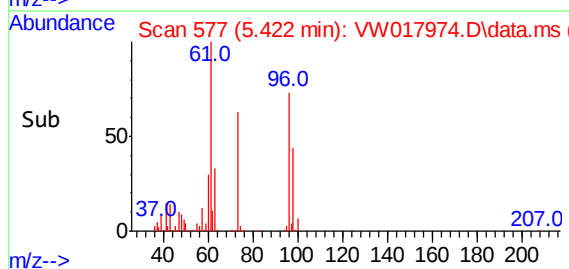
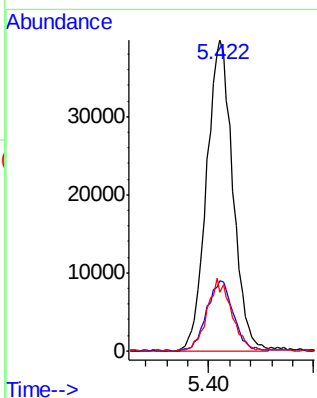
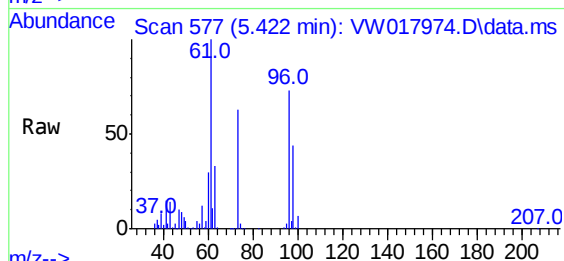


#17
Methyl tert-butyl Ether
Concen: 22.20 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 73 Resp: 137596

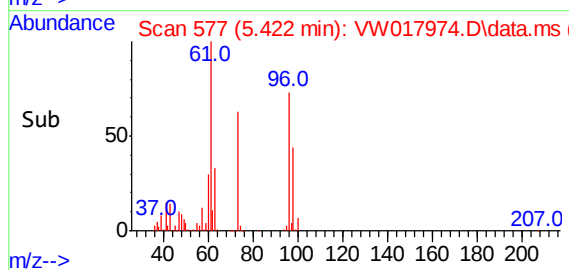
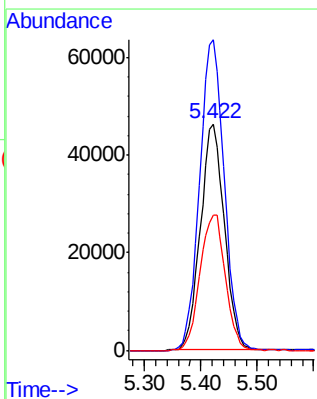
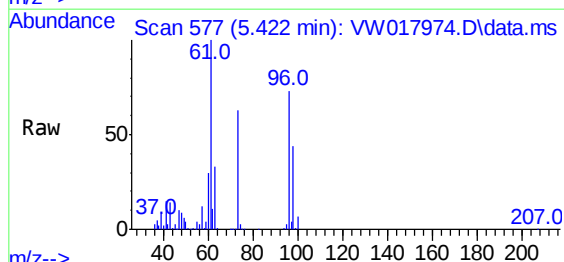
Ion	Ratio	Lower	Upper
73	100		
43	22.6	16.2	24.4
57	21.3	17.2	25.8

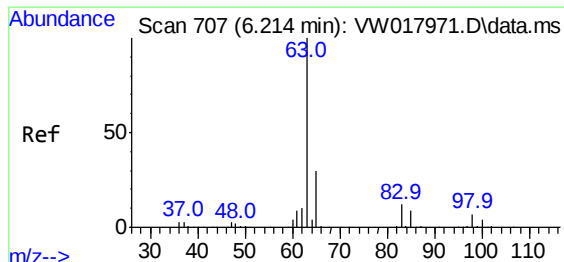


#18
trans-1,2-Dichloroethene
Concen: 27.15 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 96 Resp: 135231

Ion	Ratio	Lower	Upper
96	100		
61	137.0	92.7	172.1
98	59.8	43.3	80.3

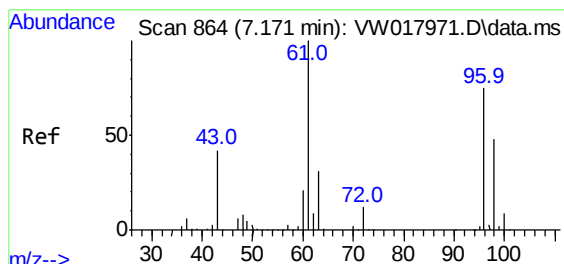
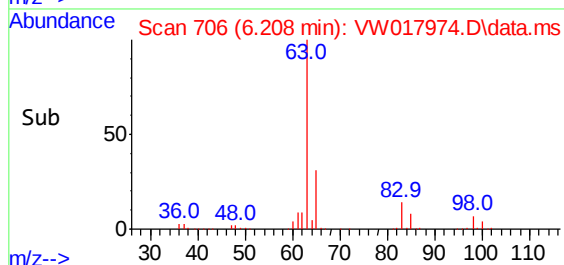
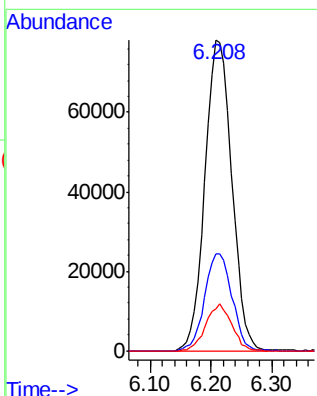
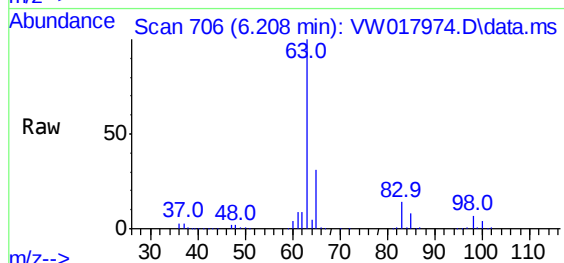




#19
1,1-Dichloroethane
Concen: 28.19 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

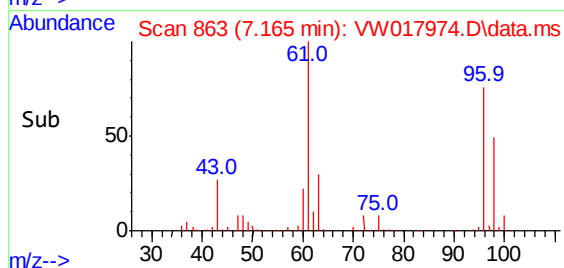
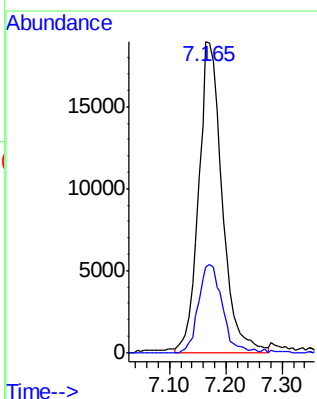
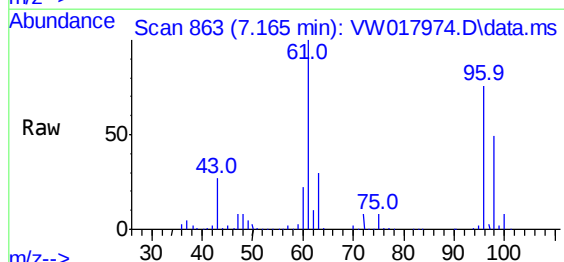
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

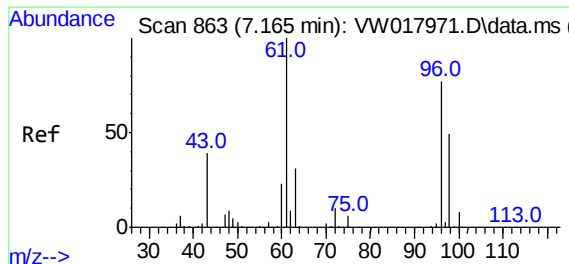
Tgt Ion: 63 Resp: 237850
Ion Ratio Lower Upper
63 100
65 31.1 21.9 40.7
83 13.7 9.4 17.6



#21
2-Butanone
Concen: 37.32 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 43 Resp: 54378
Ion Ratio Lower Upper
43 100
72 27.7 14.4 43.2



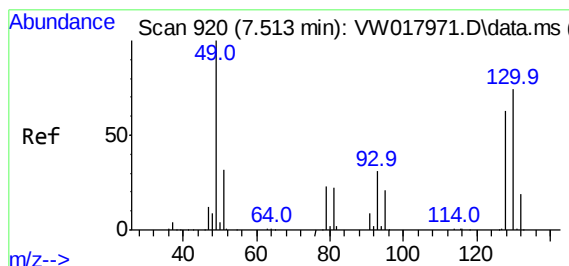
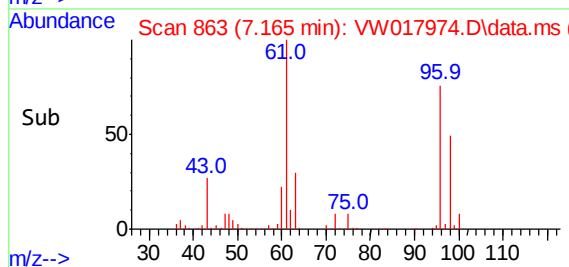
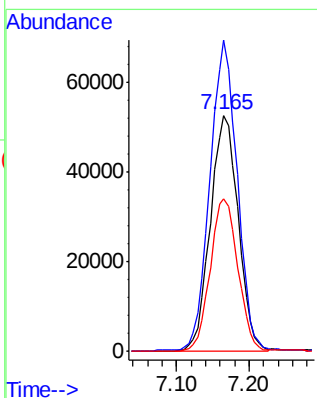
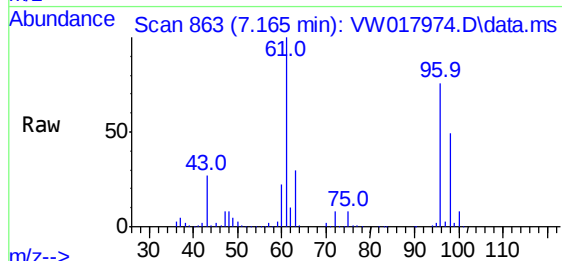


#22
 cis-1,2-Dichloroethene
 Concen: 26.68 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW017974.D
 Acq: 21 Jan 2021 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Tgt Ion: 96 Resp: 139206

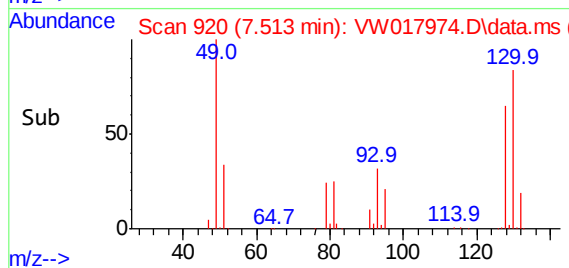
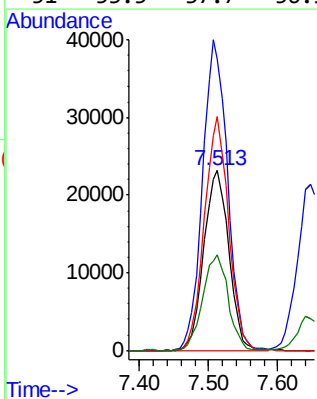
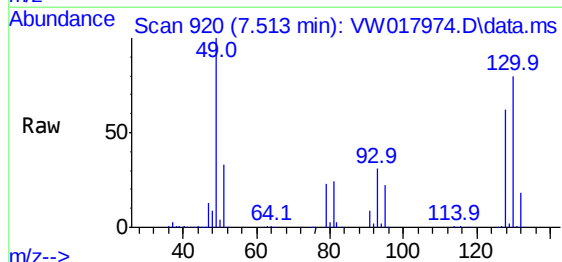
Ion	Ratio	Lower	Upper
96	100		
61	131.8	84.6	157.2
98	64.8	44.7	82.9

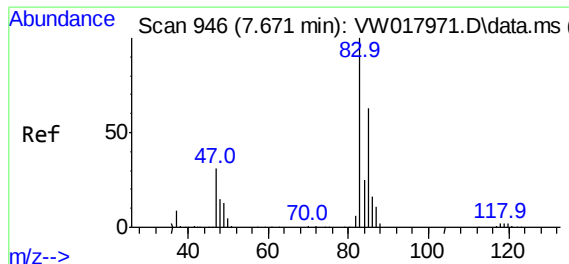


#23
 Bromochloromethane
 Concen: 24.42 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW017974.D
 Acq: 21 Jan 2021 13:27

Tgt Ion: 128 Resp: 57933

Ion	Ratio	Lower	Upper
128	100		
49	162.0	101.6	188.6
130	129.9	90.4	167.8
51	53.5	37.7	56.5

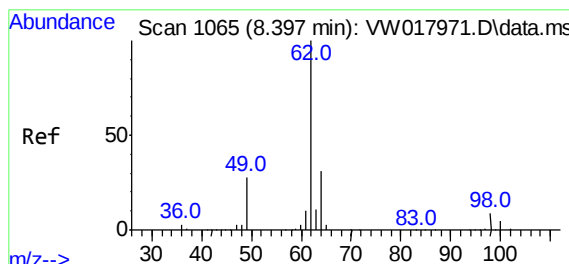
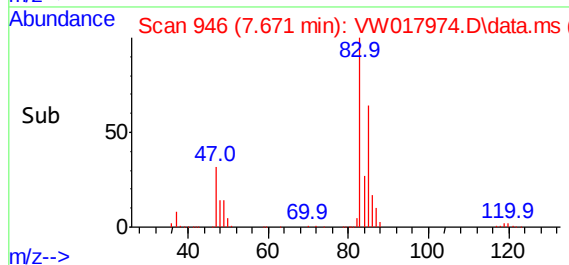
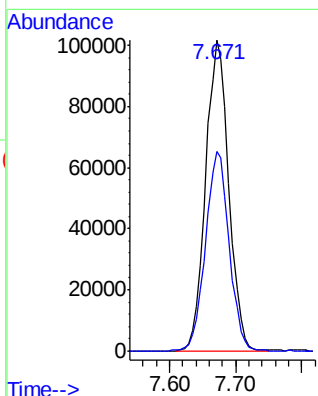
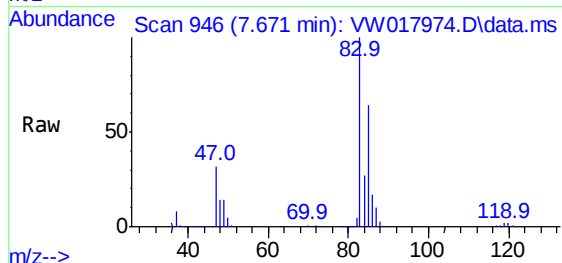




#25
Chloroform
Concen: 27.19 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

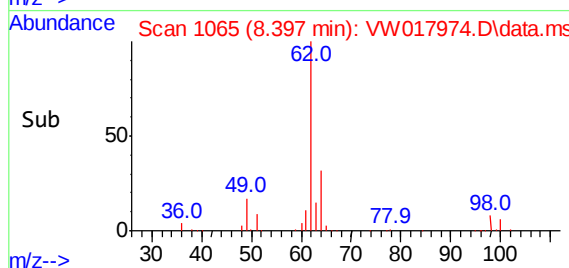
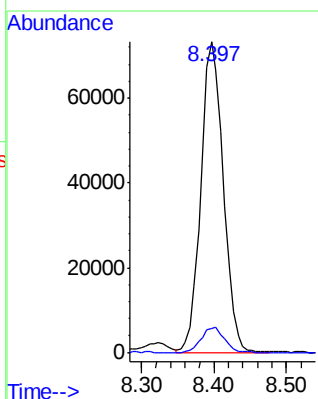
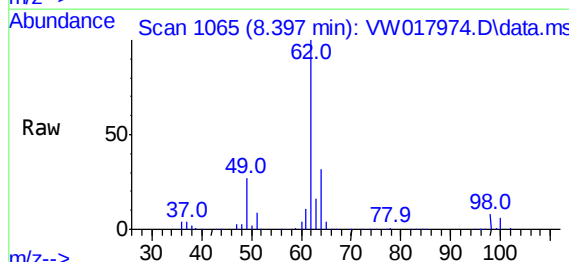
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

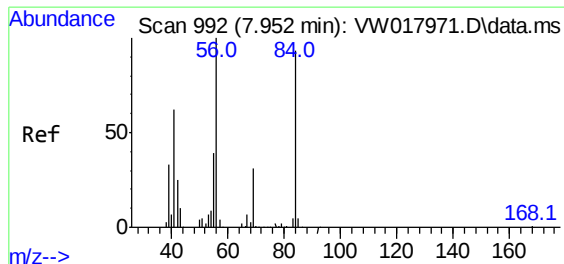
Tgt Ion: 83 Resp: 244455
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.47 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 62 Resp: 157965
Ion Ratio Lower Upper
62 100
98 7.7 8.0 12.0#

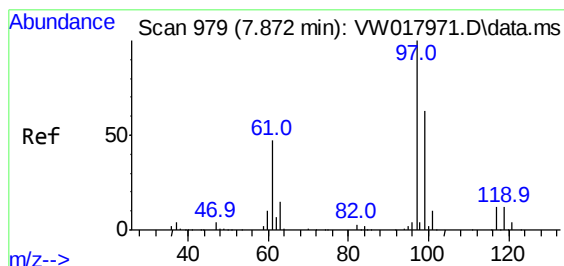
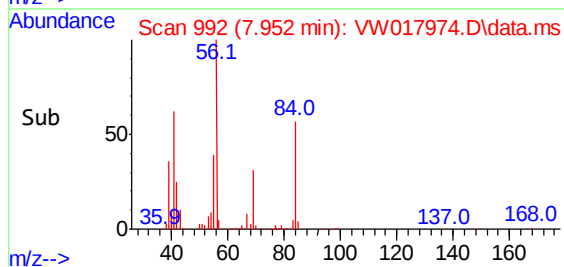
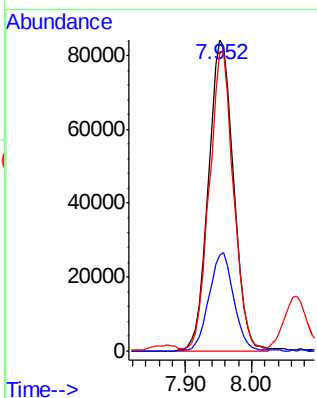
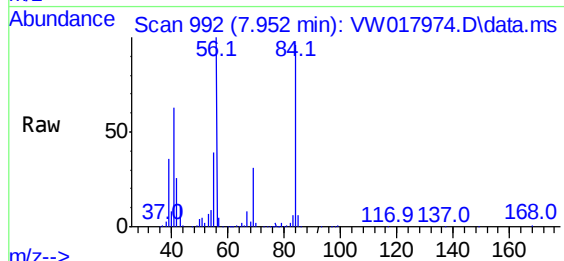




#30
Cyclohexane
Concen: 27.52 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

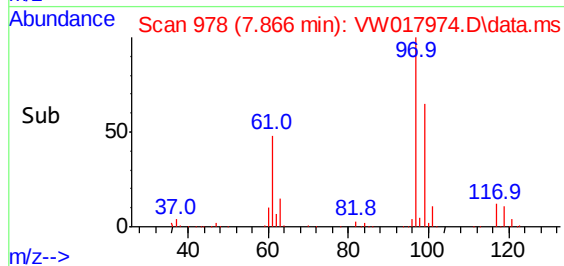
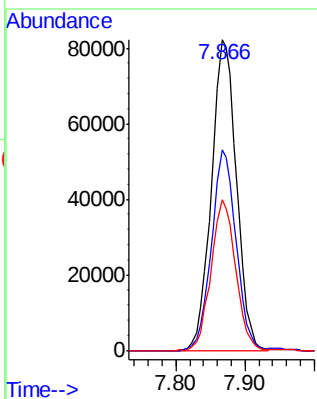
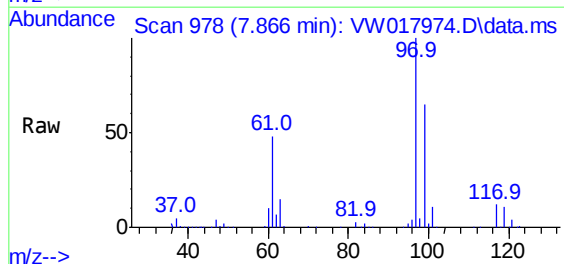
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

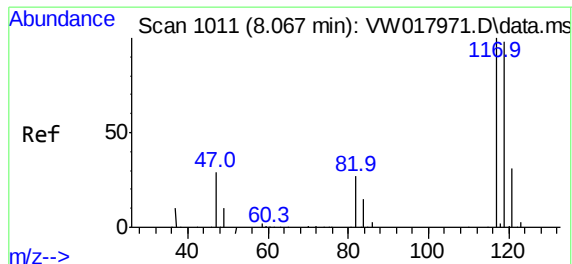
Tgt Ion: 56 Resp: 220378
Ion Ratio Lower Upper
56 100
69 31.1 24.8 37.2
84 93.1 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 27.15 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 97 Resp: 206255
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 47.7 33.6 50.4

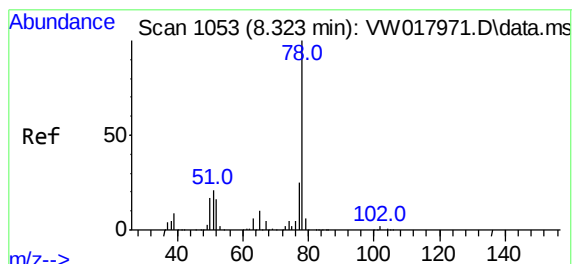
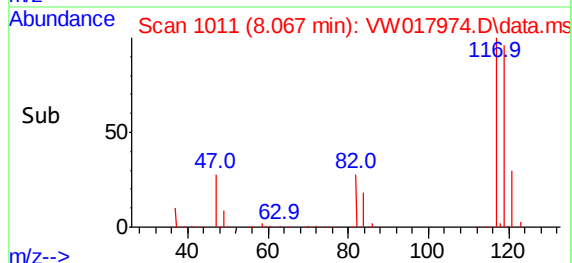
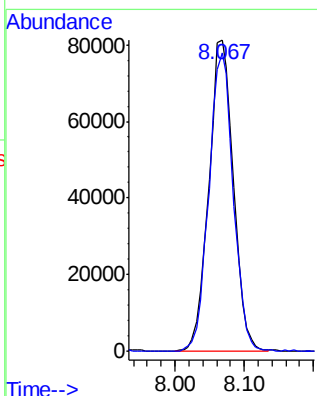
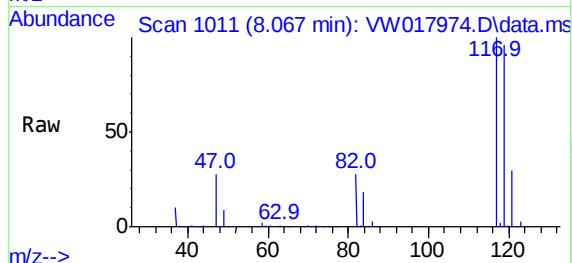




#32
Carbon tetrachloride
Concen: 27.49 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

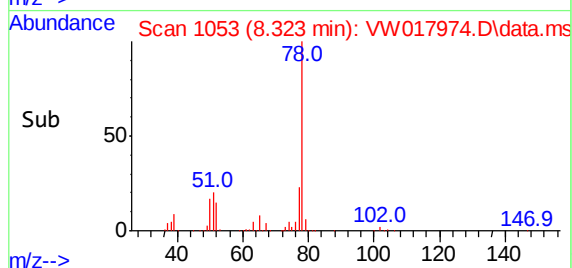
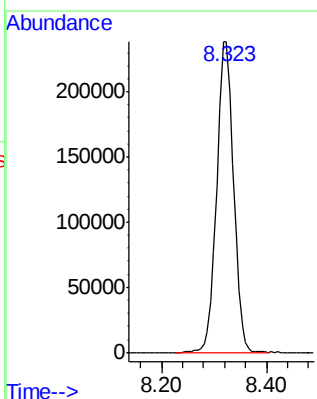
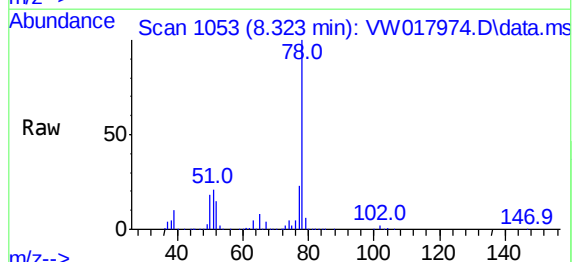
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

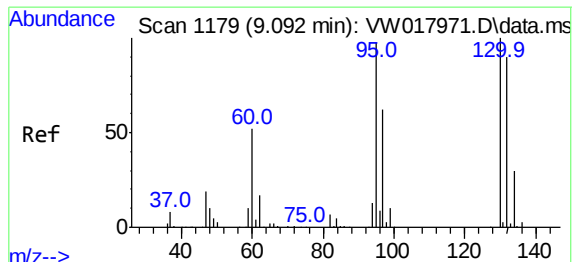
Tgt Ion:117 Resp: 199635
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8



#34
Benzene
Concen: 27.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 78 Resp: 531690

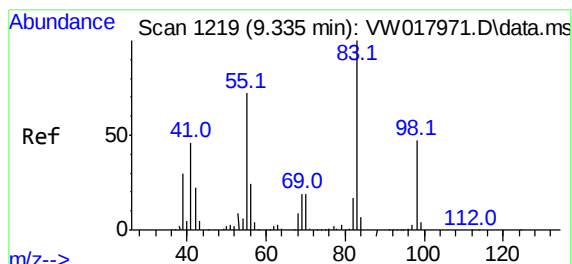
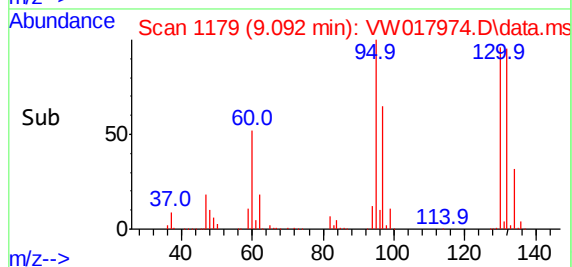
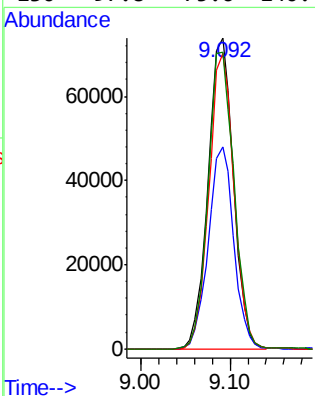
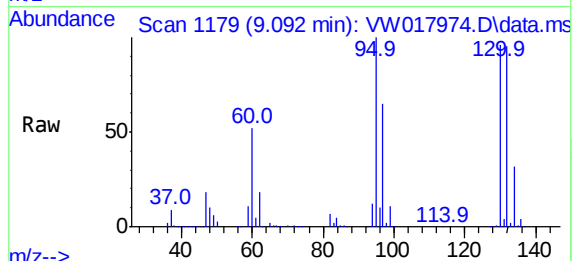




#35
Trichloroethene
Concen: 27.44 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

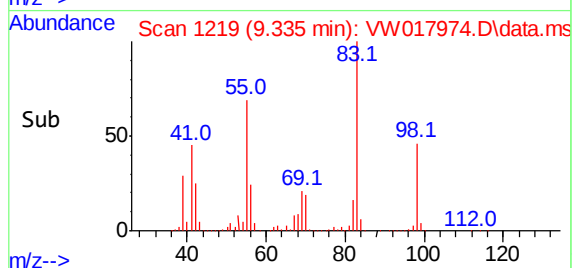
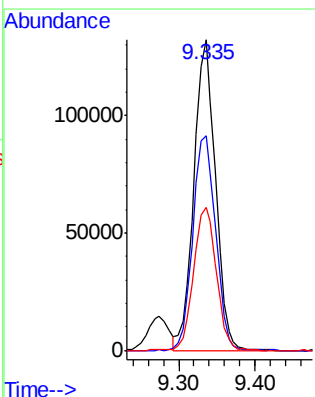
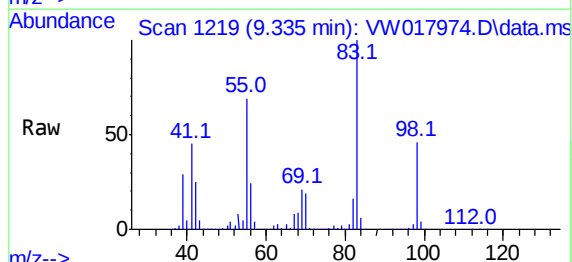
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

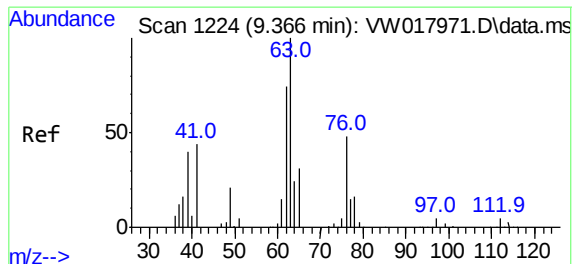
Tgt Ion: 95 Resp: 145440
Ion Ratio Lower Upper
95 100
97 65.0 45.0 83.6
132 93.8 71.0 131.8
130 97.8 75.6 140.4



#36
Methylcyclohexane
Concen: 28.02 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 83 Resp: 258589
Ion Ratio Lower Upper
83 100
55 73.2 59.4 89.0
98 47.8 40.7 61.1

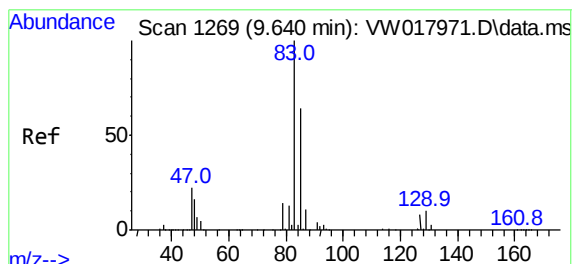
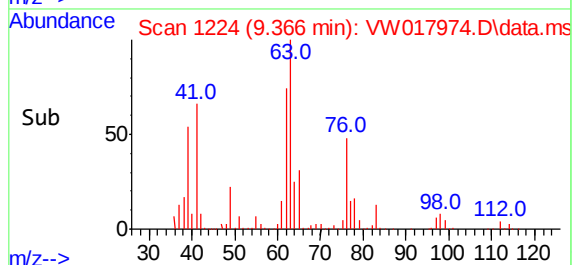
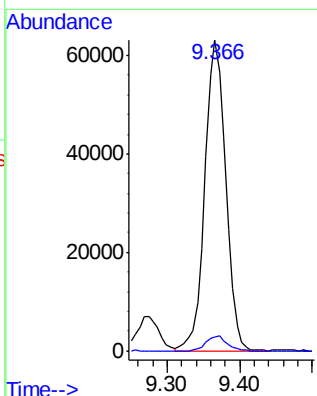
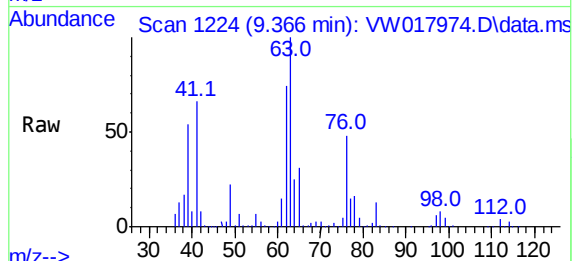




#40
1,2-Dichloropropane
Concen: 26.98 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

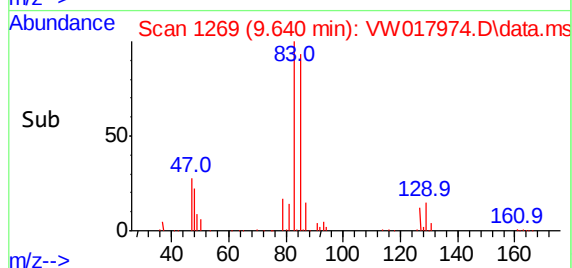
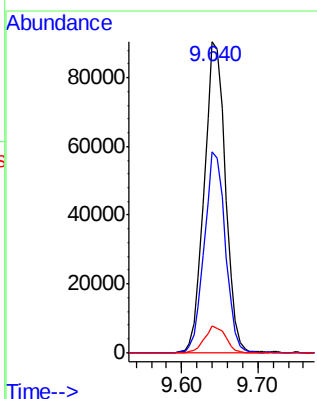
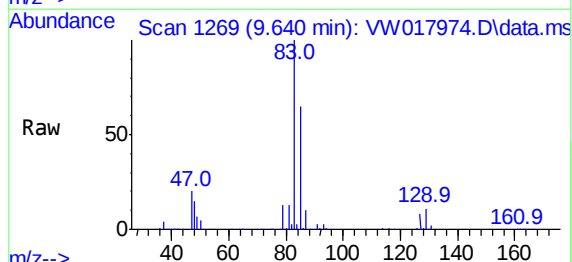
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

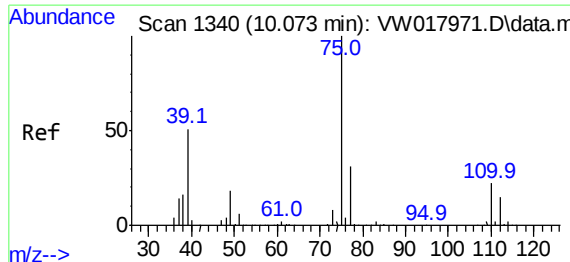
Tgt Ion: 63 Resp: 125814
Ion Ratio Lower Upper
63 100
112 4.7 4.2 6.4



#41
Bromodichloromethane
Concen: 27.04 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 83 Resp: 174006
Ion Ratio Lower Upper
83 100
85 64.8 46.8 86.8
127 8.4 7.6 11.4

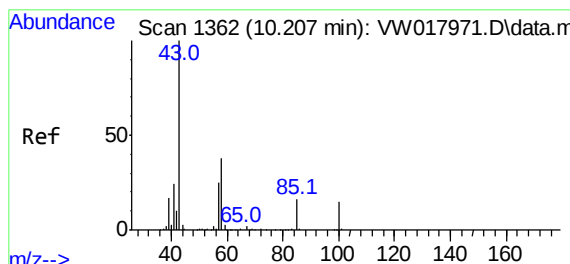
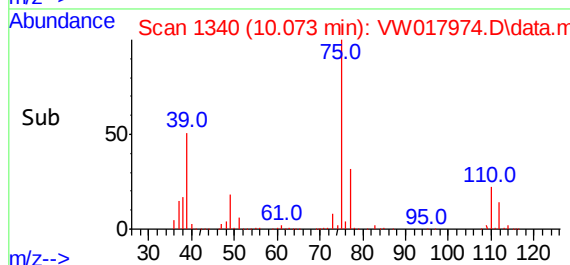
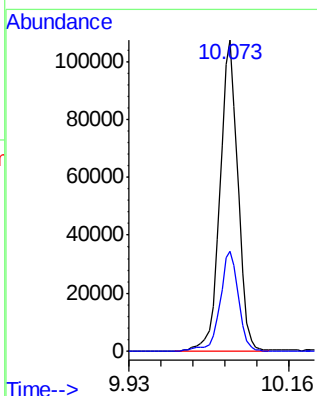
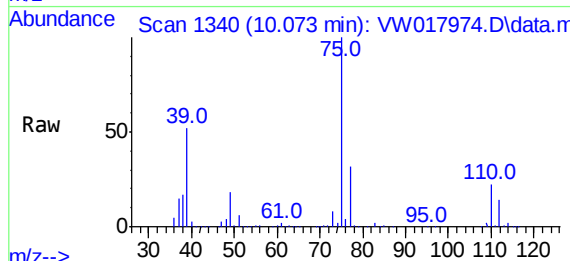




#42
cis-1,3-Dichloropropene
Concen: 26.18 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

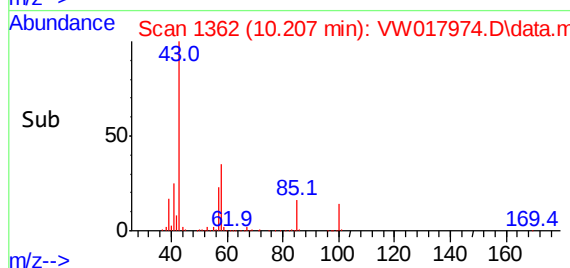
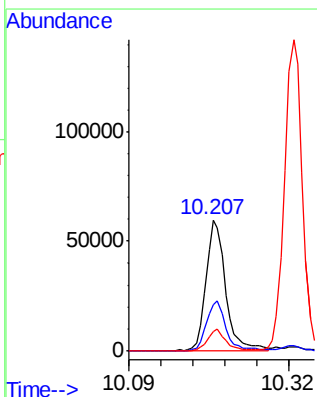
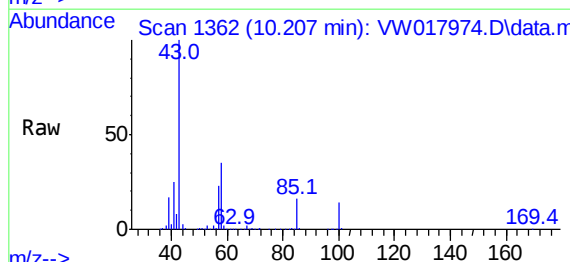
Instrument :
MSVOA_W
ClientSampled :
VSTD02530

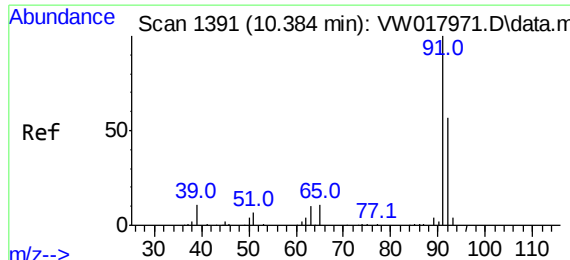
Tgt Ion: 75 Resp: 193996
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 36.85 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 43 Resp: 115512
Ion Ratio Lower Upper
43 100
58 36.4 31.6 47.4
100 14.6 14.1 21.1





#44

Toluene

Concen: 27.99 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW017974.D

Acq: 21 Jan 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :

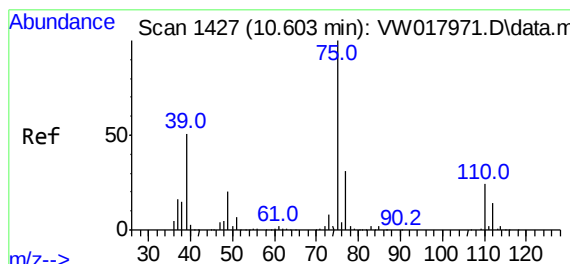
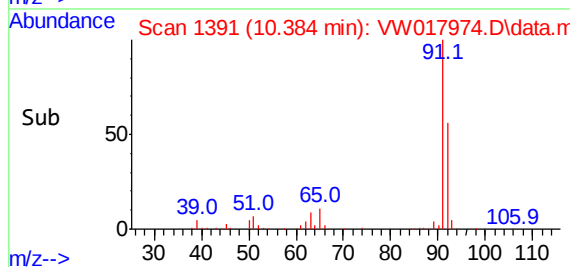
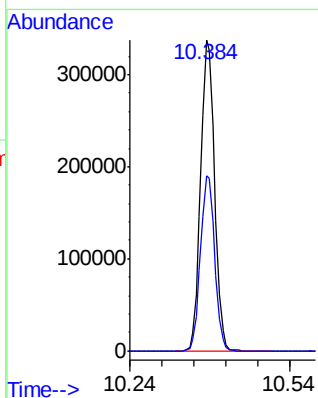
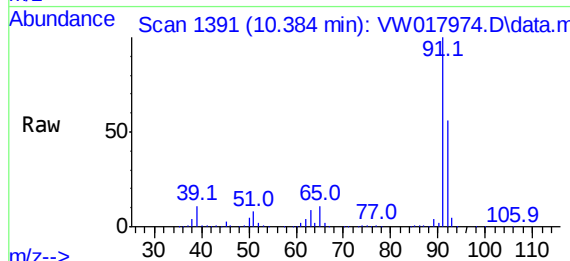
VSTD02530

Tgt Ion: 91 Resp: 596238

Ion Ratio Lower Upper

91 100

92 56.3 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 24.75 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW017974.D

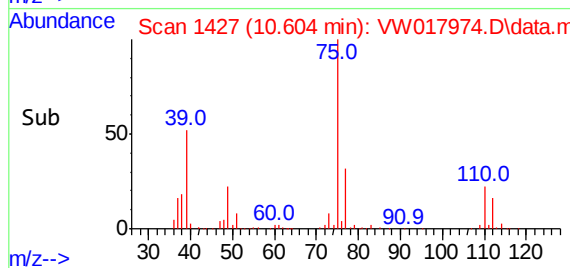
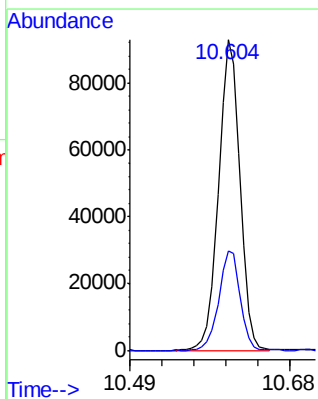
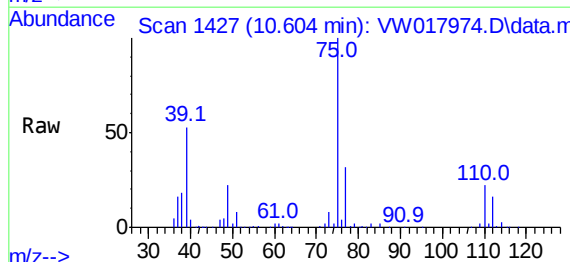
Acq: 21 Jan 2021 13:27

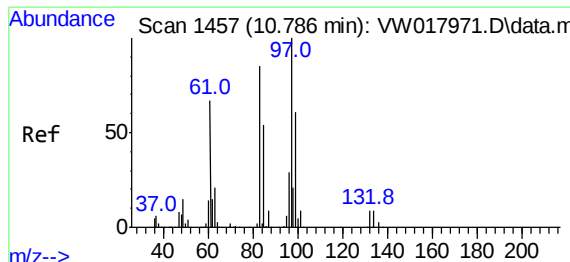
Tgt Ion: 75 Resp: 160230

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



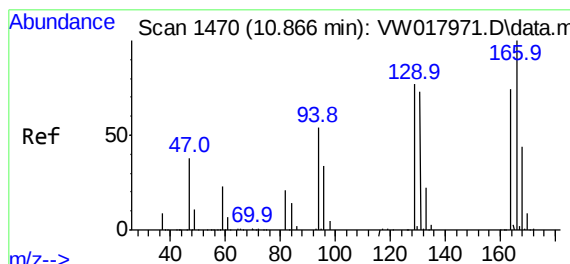
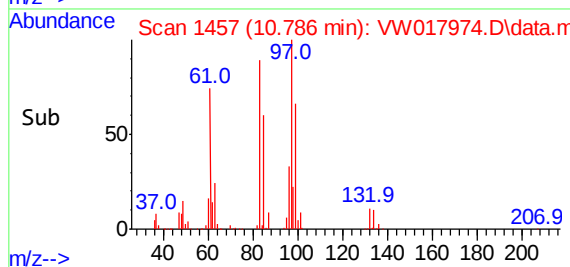
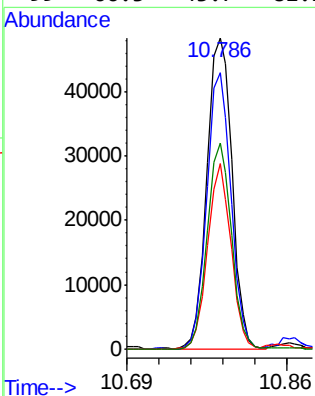
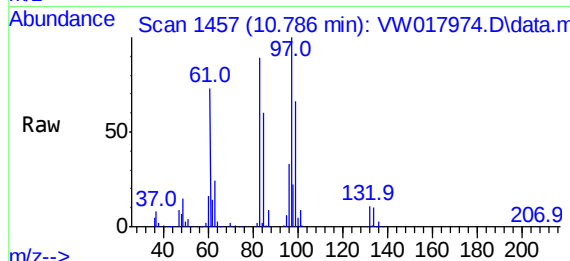


#46
1,1,2-Trichloroethane
Concen: 23.24 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 97 Resp: 87243

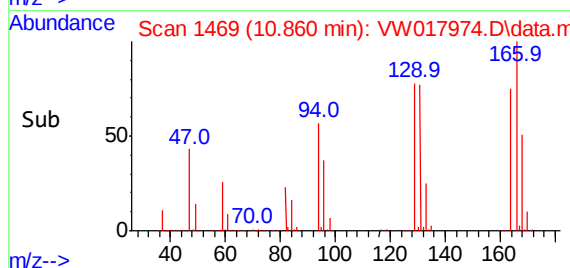
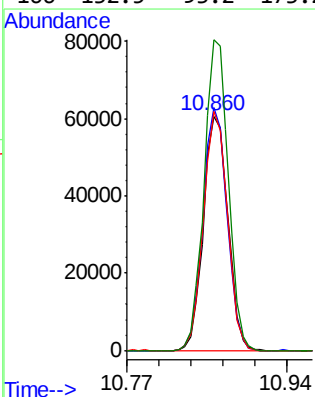
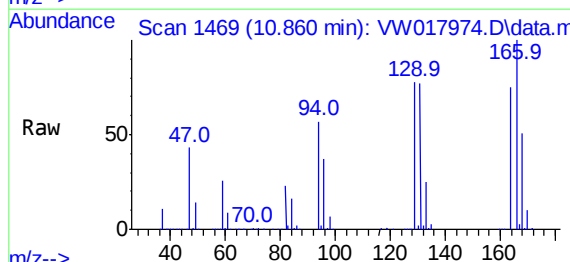
Ion	Ratio	Lower	Upper
97	100		
83	89.1	58.5	108.7
85	59.6	37.8	70.2
99	66.3	43.7	81.1

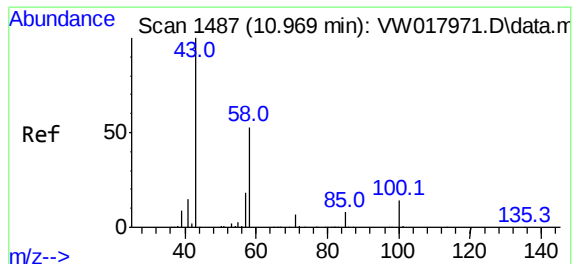


#47
Tetrachloroethene
Concen: 25.56 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 164 Resp: 106571

Ion	Ratio	Lower	Upper
164	100		
129	103.7	67.6	125.6
131	101.9	65.2	121.2
166	132.5	93.2	173.2

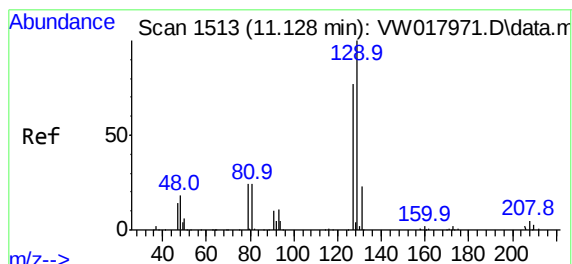
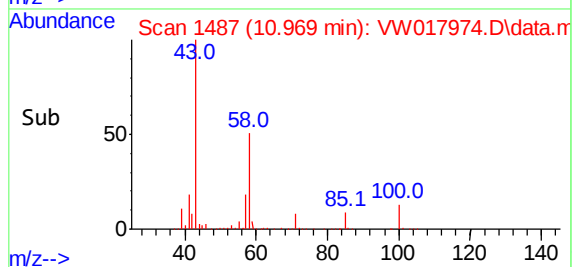
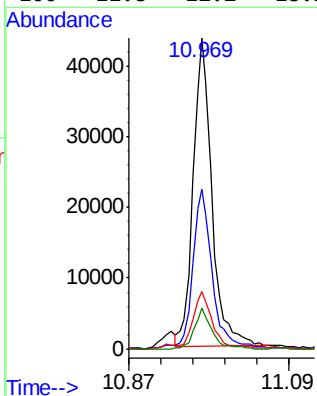
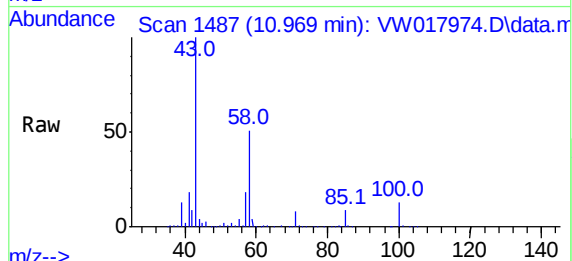




#49
2-Hexanone
Concen: 36.88 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

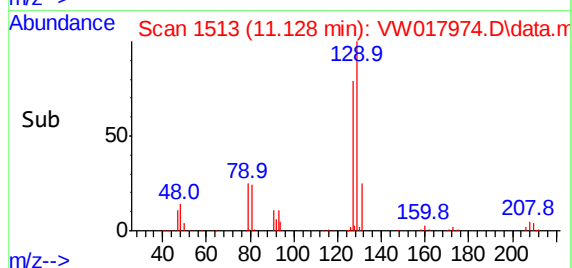
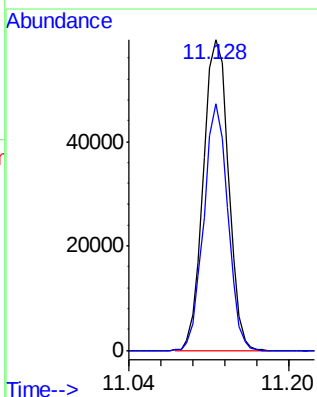
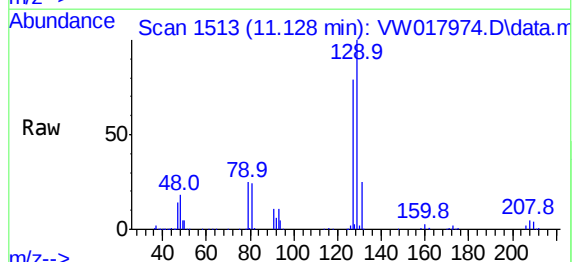
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

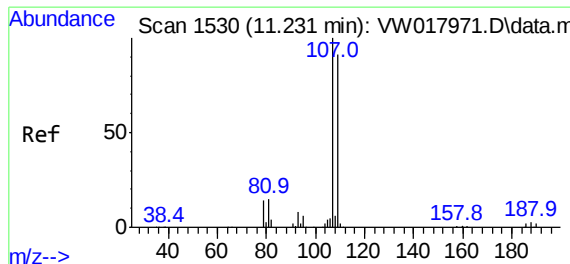
Tgt Ion: 43 Resp: 78944
Ion Ratio Lower Upper
43 100
58 49.4 51.3 76.9#
57 19.1 15.0 22.6
100 11.8 12.2 18.2#



#50
Dibromochloromethane
Concen: 24.08 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 129 Resp: 107923
Ion Ratio Lower Upper
129 100
127 79.2 53.2 98.8

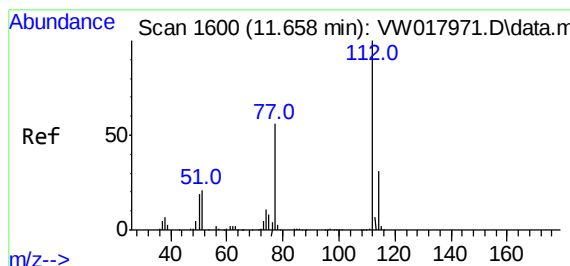
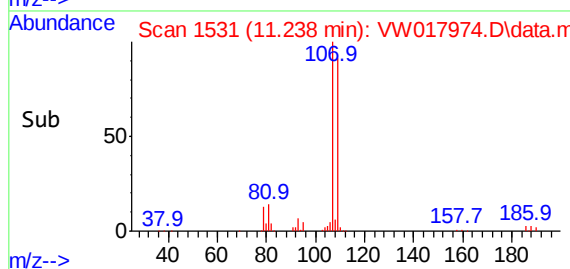
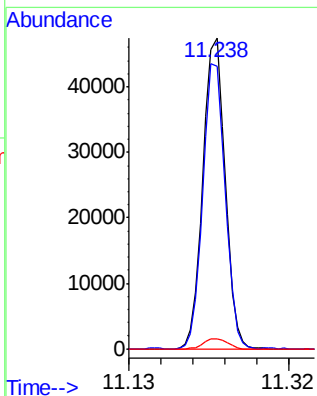
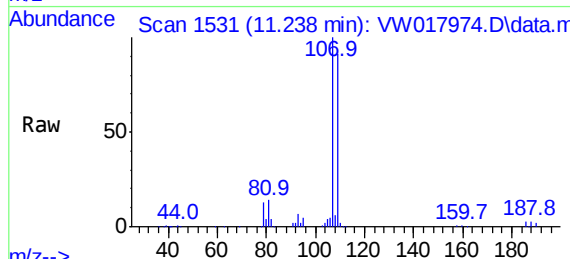




#51
1,2-Dibromoethane
Concen: 22.11 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

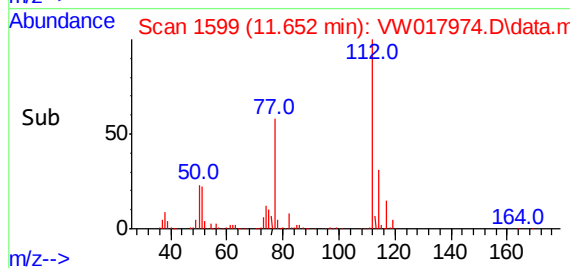
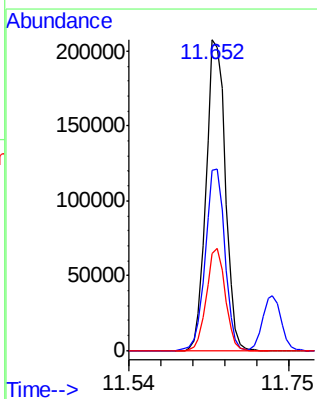
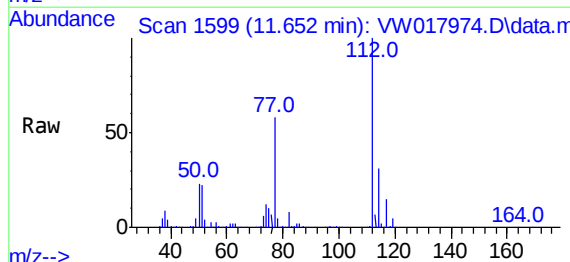
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

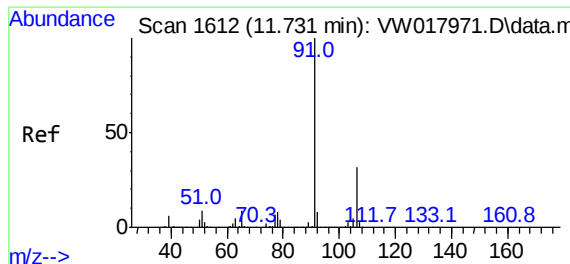
Tgt Ion:107 Resp: 83457
Ion Ratio Lower Upper
107 100
109 91.1 66.4 123.2
188 3.0 4.0 6.0#



#52
Chlorobenzene
Concen: 26.44 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion:112 Resp: 362976
Ion Ratio Lower Upper
112 100
77 58.1 42.6 64.0
114 31.4 21.6 40.2

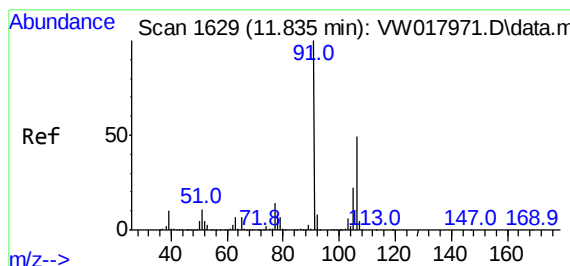
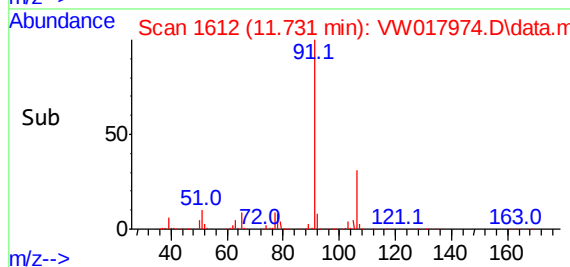
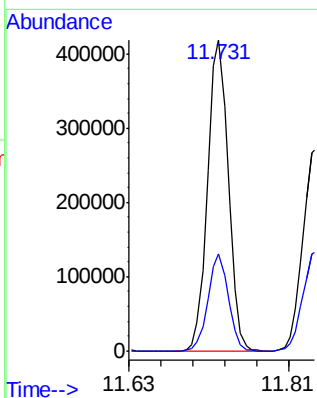
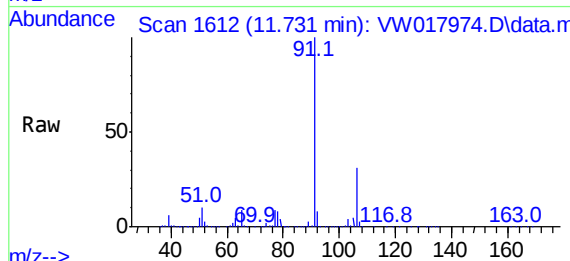




#53
Ethylbenzene
Concen: 28.01 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

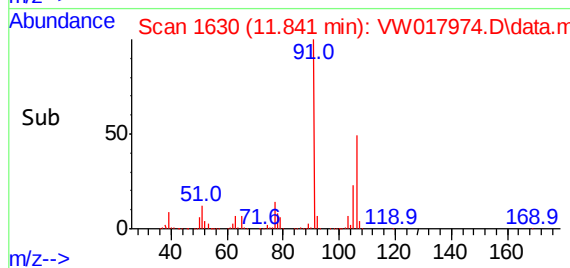
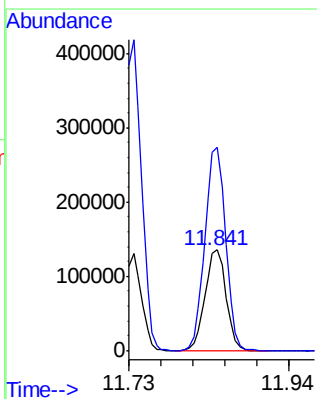
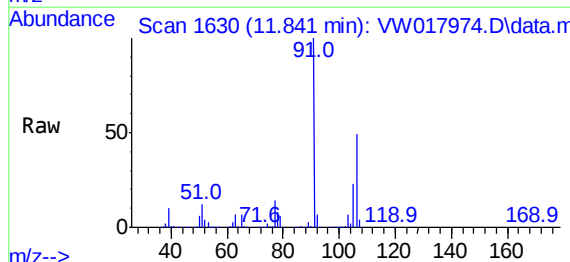
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

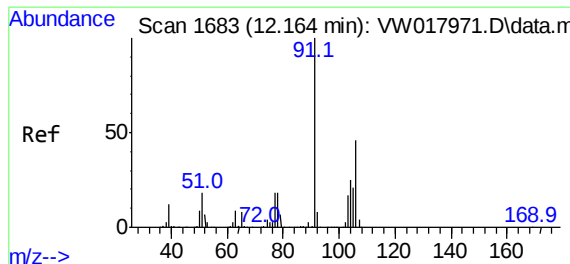
Tgt Ion: 91 Resp: 673740
Ion Ratio Lower Upper
91 100
106 31.1 21.1 39.1



#54
m,p-Xylene
Concen: 27.53 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 106 Resp: 256318
Ion Ratio Lower Upper
106 100
91 202.5 136.4 253.4

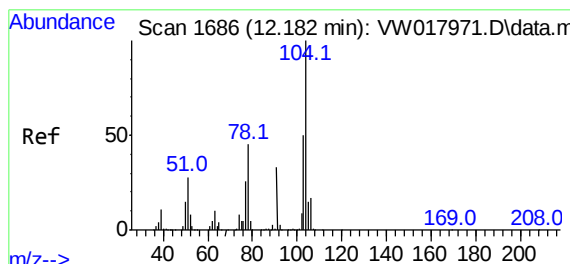
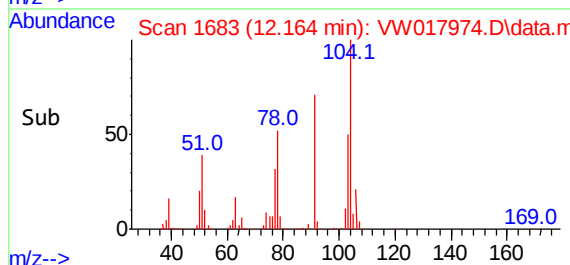
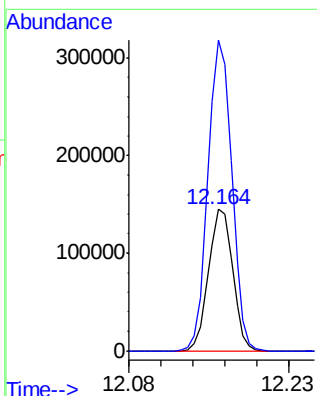
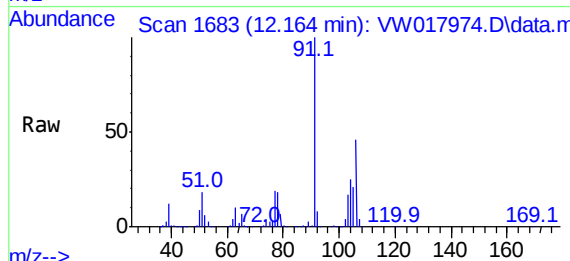




#55
o-xylene
Concen: 27.62 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

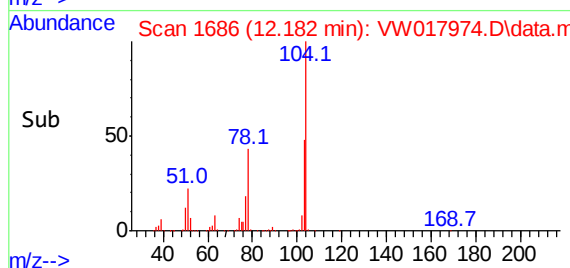
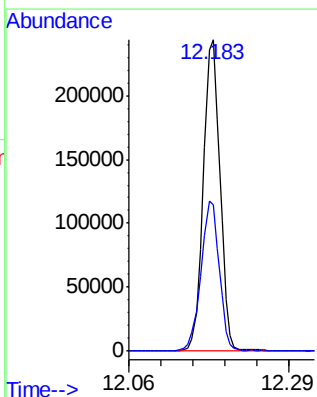
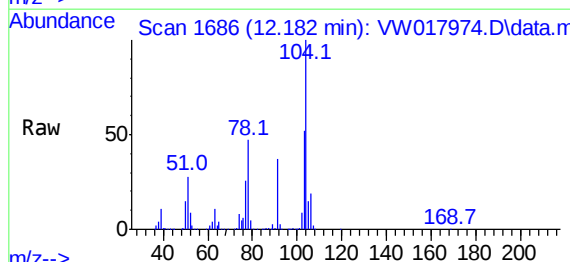
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

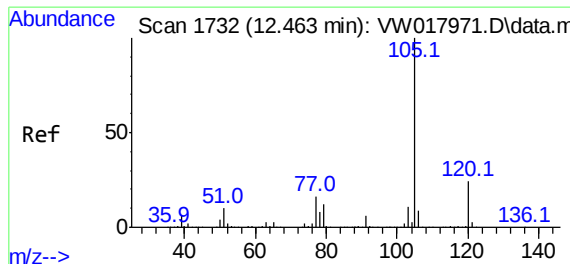
Tgt Ion:106 Resp: 238236
Ion Ratio Lower Upper
106 100
91 219.2 147.6 274.2



#56
Styrene
Concen: 27.55 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion:104 Resp: 402771
Ion Ratio Lower Upper
104 100
78 47.0 31.3 58.1

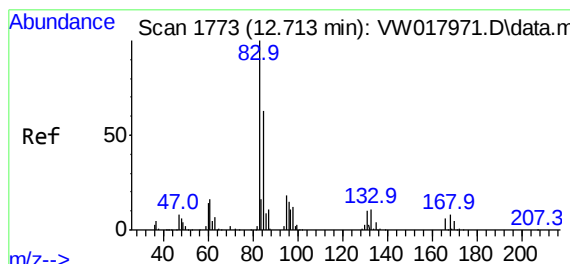
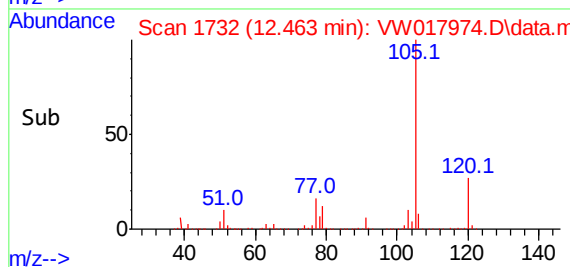
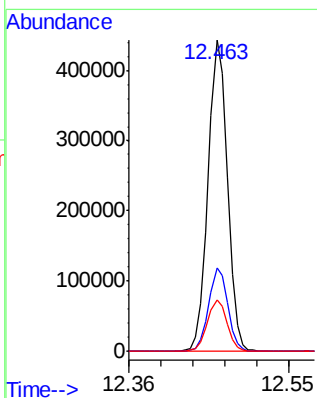
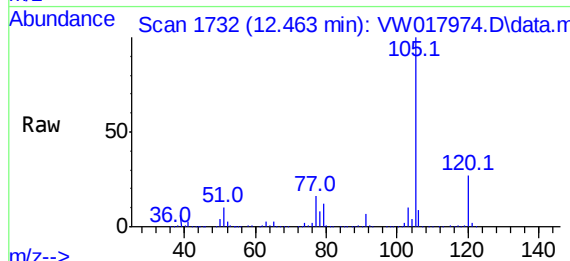




#57
Isopropylbenzene
Concen: 28.08 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

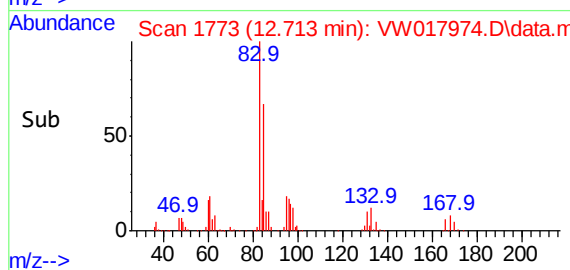
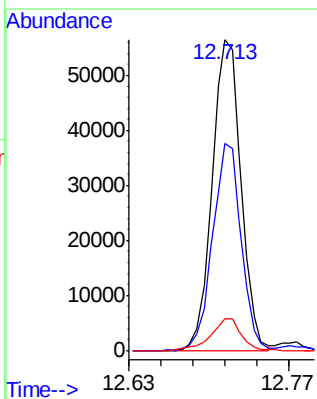
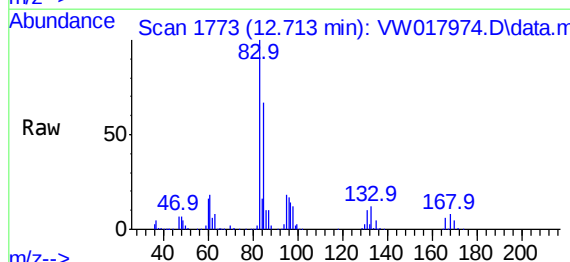
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

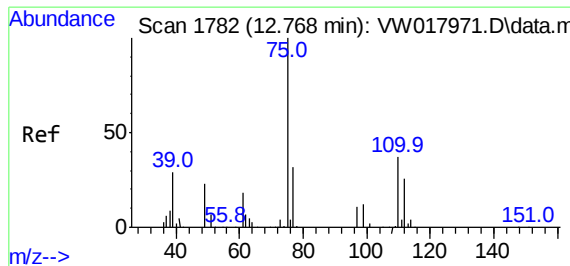
Tgt Ion: 105 Resp: 673276
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 16.6 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 20.86 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 83 Resp: 96642
Ion Ratio Lower Upper
83 100
85 66.6 45.3 84.1
131 10.4 8.3 12.5

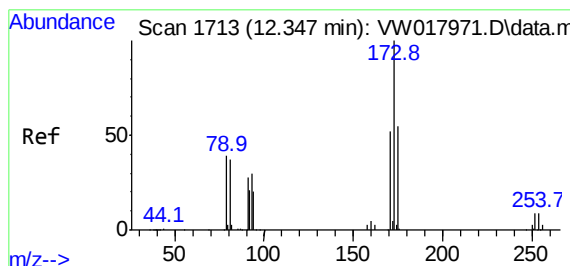
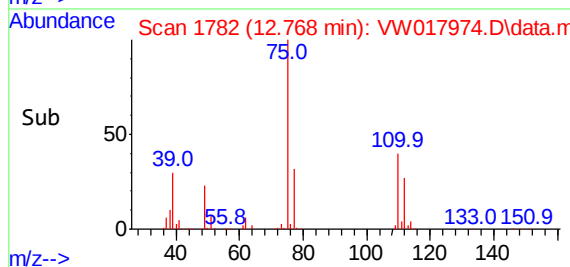
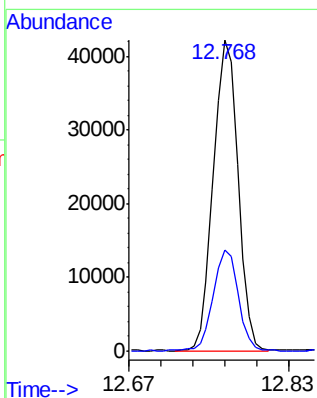
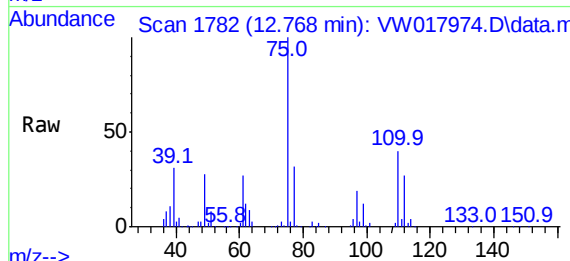




#59
1,2,3-Trichloropropane
Concen: 20.28 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

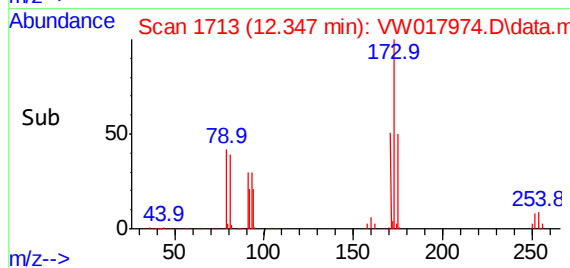
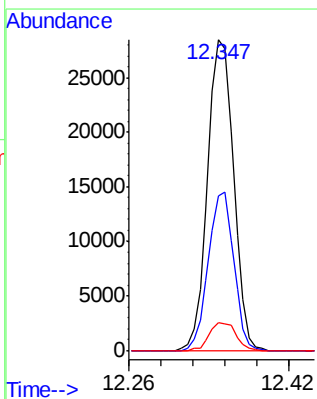
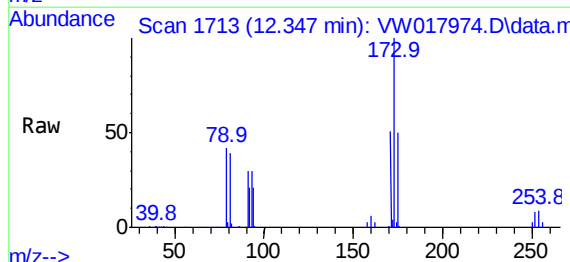
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

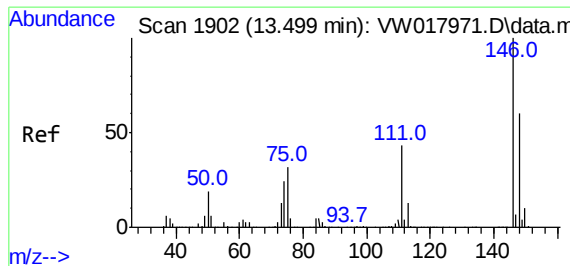
Tgt Ion: 75 Resp: 71051
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8



#62
Bromoform
Concen: 22.16 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 173 Resp: 50490
Ion Ratio Lower Upper
173 100
175 49.5 39.1 58.7
254 9.1 7.1 10.7

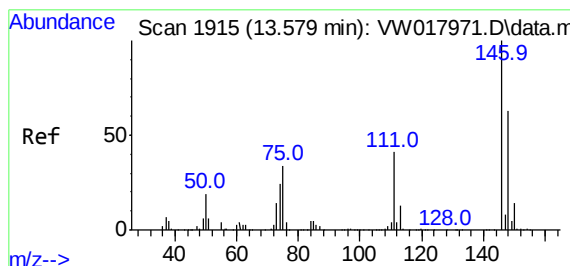
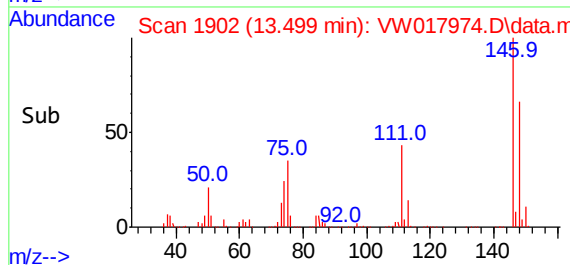
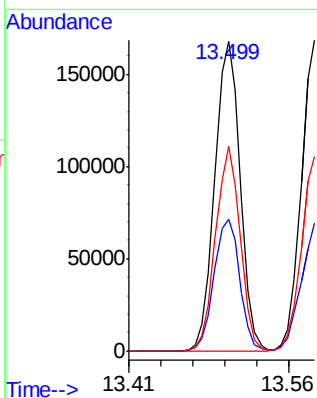
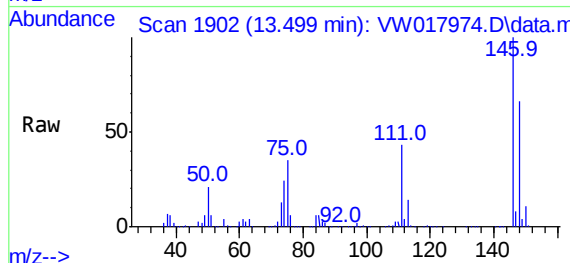




#63
1,3-Dichlorobenzene
Concen: 27.12 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

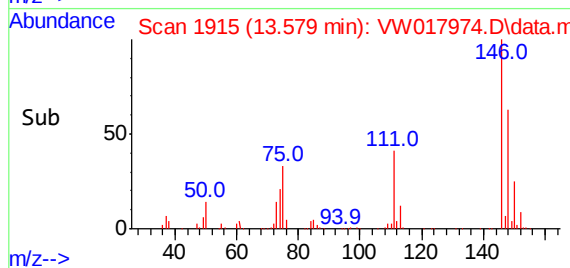
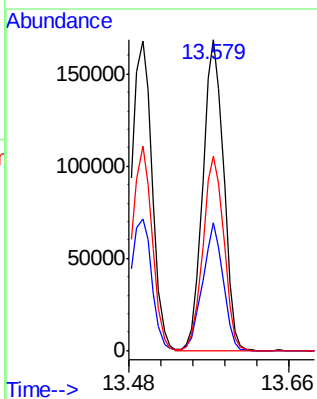
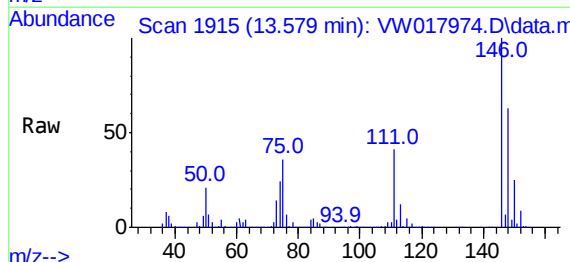
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

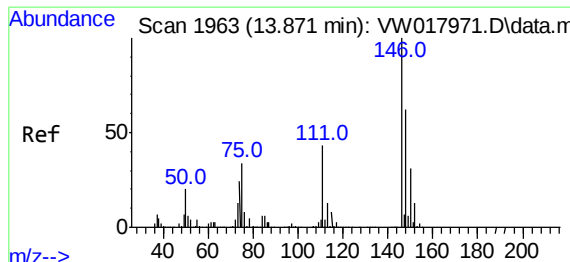
Tgt Ion:146 Resp: 271278
Ion Ratio Lower Upper
146 100
111 42.6 28.5 52.9
148 66.1 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 27.11 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion:146 Resp: 272588
Ion Ratio Lower Upper
146 100
111 41.3 27.7 51.5
148 62.6 47.0 87.2

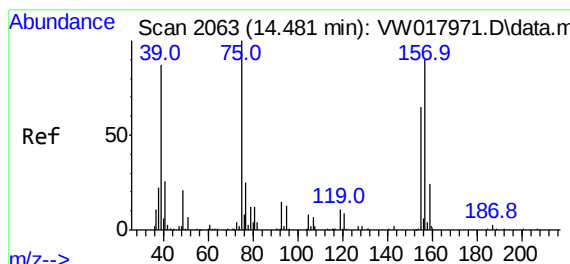
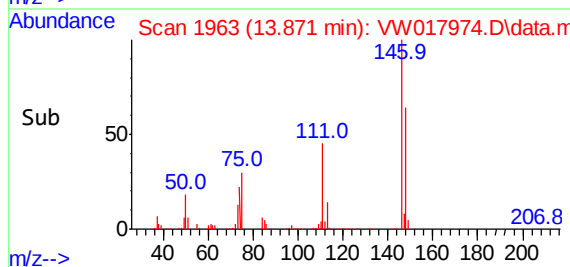
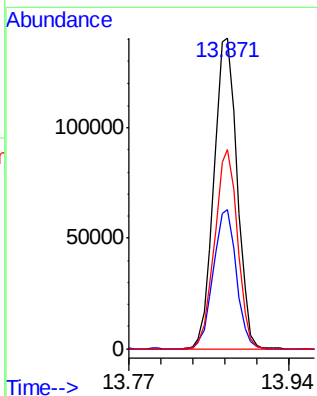
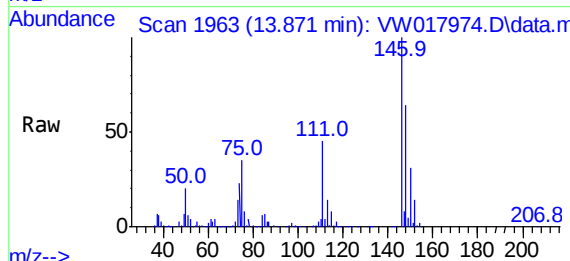




#65
1,2-Dichlorobenzene
Concen: 26.13 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

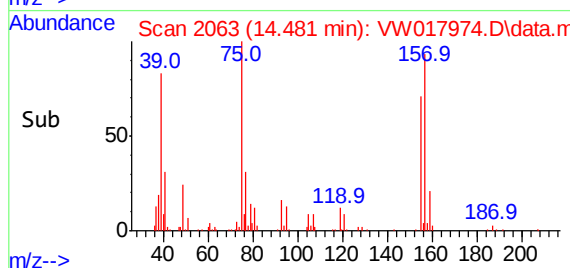
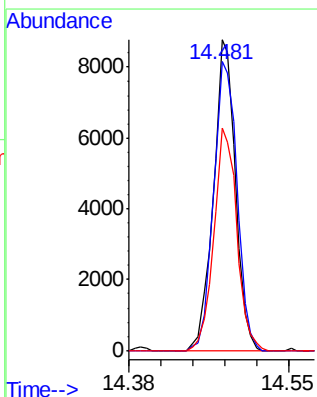
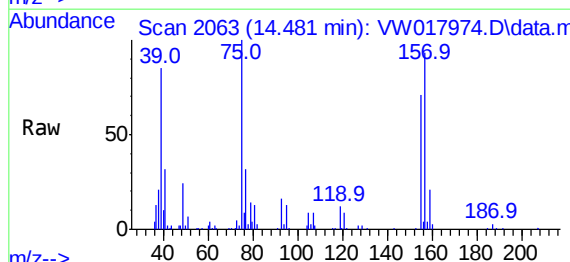
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

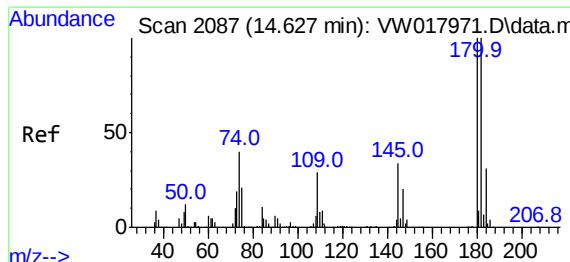
Tgt Ion:146 Resp: 235368
Ion Ratio Lower Upper
146 100
111 44.9 31.7 47.5
148 64.3 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 18.34 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion: 75 Resp: 13845
Ion Ratio Lower Upper
75 100
157 93.1 99.9 149.9#
155 71.5 71.4 107.0

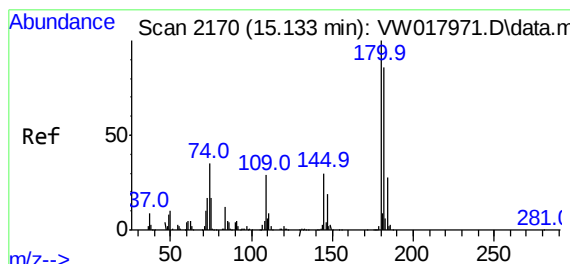
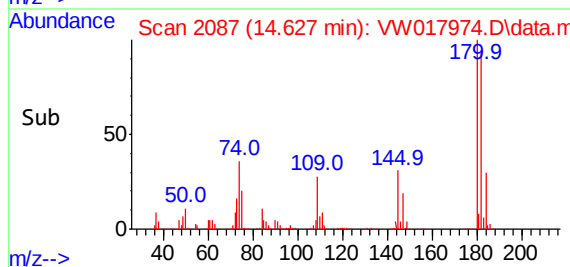
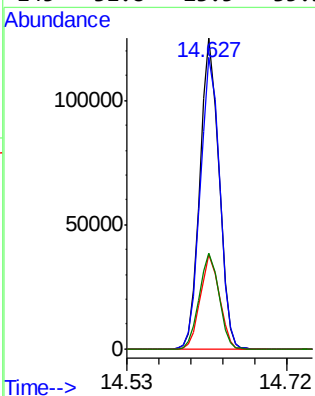
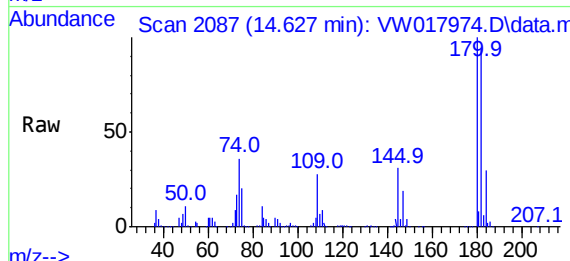




#67
1,3,5-Trichlorobenzene
Concen: 26.83 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

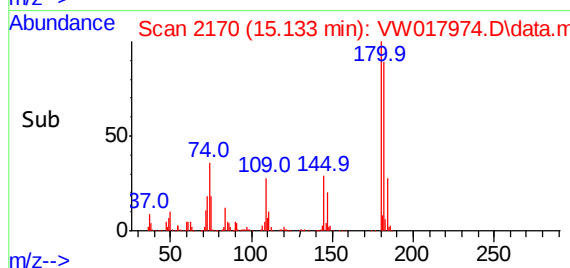
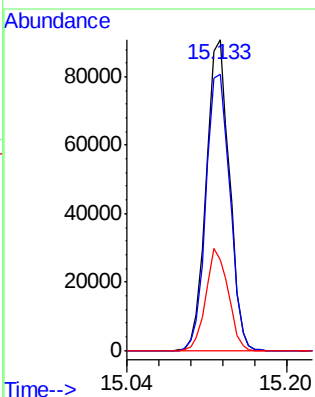
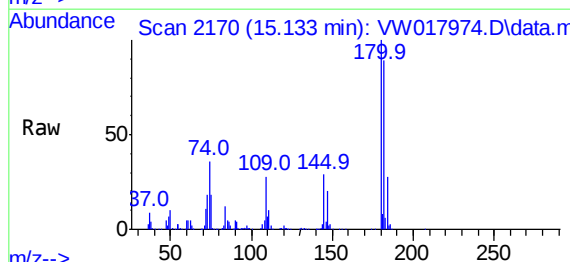
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

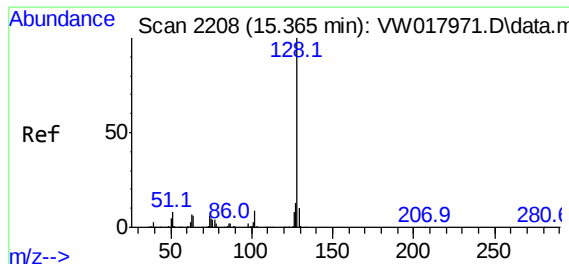
Tgt Ion:180 Resp: 187576
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
184 30.1 24.2 36.4
145 31.8 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.27 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion:180 Resp: 150754
Ion Ratio Lower Upper
180 100
182 91.9 71.3 106.9
145 31.6 24.0 36.0

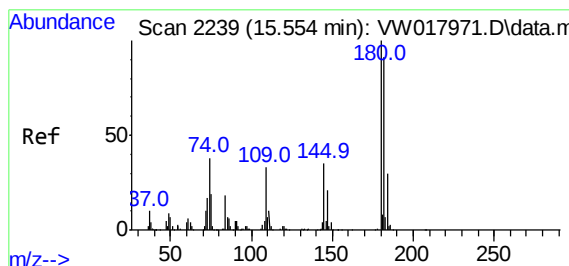
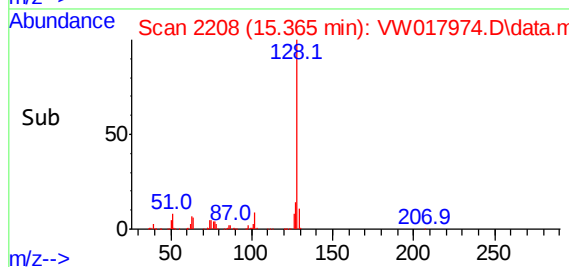
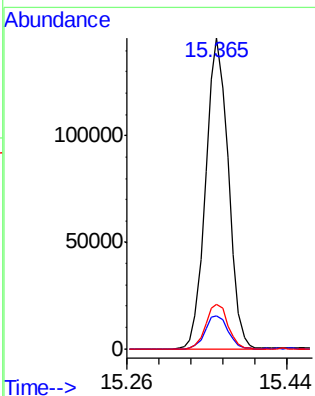
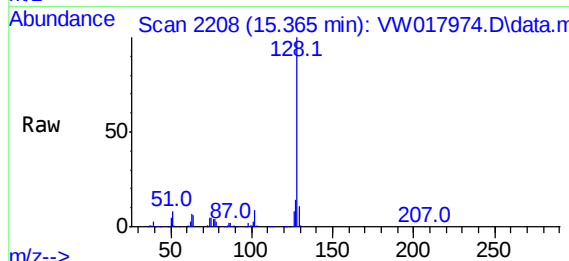




#69
Naphthalene
Concen: 20.05 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion:128 Resp: 255932
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 14.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 23.80 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW017974.D
Acq: 21 Jan 2021 13:27

Tgt Ion:180 Resp: 123810
Ion Ratio Lower Upper
180 100
182 95.1 74.7 112.1
145 34.2 25.4 38.0

