

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022321\
 Data File : VW020375.D
 Acq On : 23 Feb 2021 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Feb 24 01:19:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 23 02:26:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	304444	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	295810	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	162055	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	102451	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.568	69	82028	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.111	63	201131	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.895	46	179096	48.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.46%
24) Chloroform-d	4.349	84	188021	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.034	65	90506	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.050	84	367745	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.072	67	107658	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.317	98	361460	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
45) trans-1,3-Dichloroprop...	7.625	79	41079	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
48) 2-Hexanone-d5	8.091	63	142466	48.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.94%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	75530	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.631	152	138486	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	188513	4.97	ug/L	98
3) Chloromethane	1.243	50	154107	4.60	ug/L	96
5) Vinyl chloride	1.310	62	166831	4.67	ug/L	100
6) Bromomethane	1.523	94	107435	4.66	ug/L	97
8) Chloroethane	1.587	64	100295	4.66	ug/L	98
9) Trichlorofluoromethane	1.754	101	246214	4.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	133409	5.00	ug/L	99
12) 1,1-Dichloroethene	2.117	96	123635	4.77	ug/L	91
13) Acetone	2.185	43	146908	43.64	ug/L #	30
14) Carbon disulfide	2.294	76	376425	4.71	ug/L	98
15) Methyl Acetate	2.439	43	34191	4.19	ug/L	90
16) Methylene chloride	2.506	84	125278	4.49	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	238554	4.46	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	129227	4.76	ug/L	98
19) 1,1-Dichloroethane	3.191	63	223752	4.68	ug/L	96
21) 2-Butanone	3.976	43	227391	44.29	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	131825	4.67	ug/L	96
23) Bromochloromethane	4.249	128	59053	4.80	ug/L	87
25) Chloroform	4.375	83	238006	4.71	ug/L	97
27) 1,2-Dichloroethane	5.133	62	130891	4.52	ug/L	97

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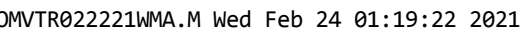
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

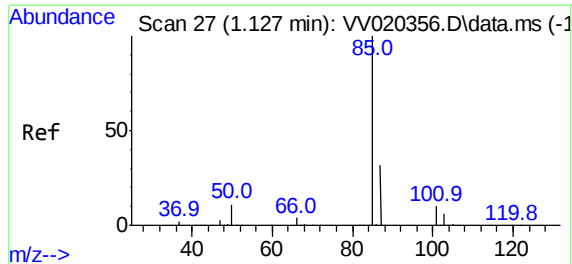
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 Quant Title : TRACE VOA SOM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.609	97	211423	4.79	ug/L	99
30) Cyclohexane	4.677	56	191747	4.84	ug/L	97
31) Carbon tetrachloride	4.828	117	182246	4.83	ug/L	98
33) Benzene	5.101	78	510362	4.76	ug/L	100
34) Trichloroethene	5.915	95	140403	4.67	ug/L	99
35) Methylcyclohexane	6.133	83	216263	4.97	ug/L	97
37) 1,2-Dichloropropane	6.175	63	121007	4.74	ug/L	98
38) Bromodichloromethane	6.513	83	153729	4.62	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	169800	4.73	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	566519	44.71	ug/L	95
42) Toluene	7.390	91	564714	4.86	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	514563	5.01	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	529117	5.06	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	138051	4.71	ug/L	97
47) 1,1,2-Trichloroethane	7.841	97	84862	4.60	ug/L	93
49) Tetrachloroethene	7.979	164	121647	4.88	ug/L	95
50) 2-Hexanone	8.140	43	408218	45.96	ug/L	93
51) Dibromochloromethane	8.249	129	100423	4.68	ug/L	95
52) 1,2-Dibromoethane	8.355	107	79010	4.72	ug/L	96
53) Chlorobenzene	8.886	112	358854	4.68	ug/L	99
54) Ethylbenzene	9.014	91	615285	4.84	ug/L	99
55) m,p-xylene	9.143	106	241846	5.05	ug/L	100
56) o-xylene	9.548	106	225018	4.89	ug/L	99
57) Styrene	9.564	104	387359	5.00	ug/L	96
58) Isopropylbenzene	9.937	105	618015	4.94	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.246	83	88020	4.49	ug/L	99
62) Bromoform	9.738	173	52646	4.62	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	307111	4.75	ug/L	98
64) 1,4-Dichlorobenzene	11.278	146	307543	4.68	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	277016	4.71	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	12824	4.44	ug/L	92
68) 1,3,5-Trichlorobenzene	12.654	180	253890	4.84	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	199192	4.77	ug/L	100
70) Naphthalene	13.512	128	263259	4.53	ug/L	99
71) 1,2,3-Trichlorobenzene	13.754	180	172695	4.75	ug/L	96

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

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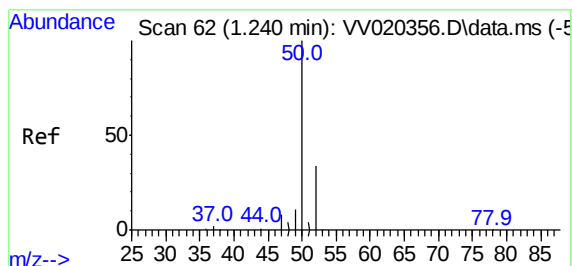
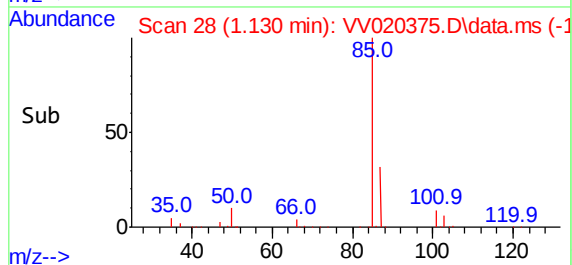
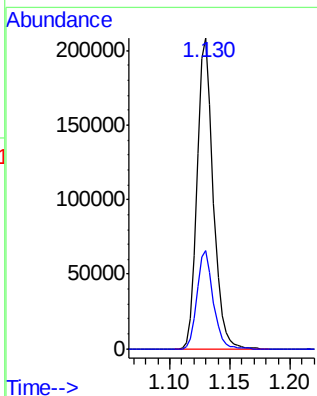
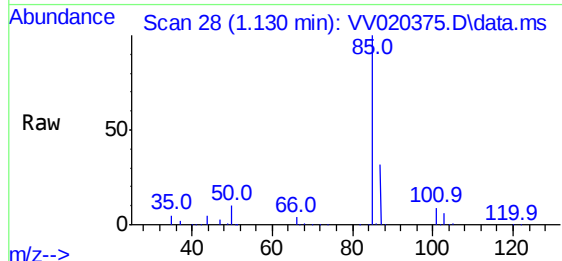


#2

Dichlorodifluoromethane
 Concen: 4.97 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

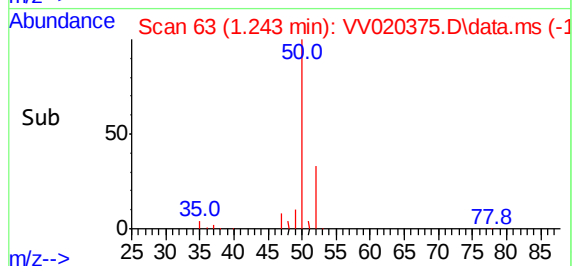
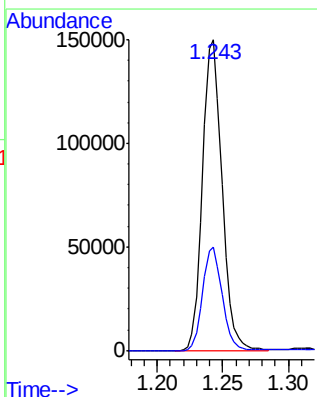
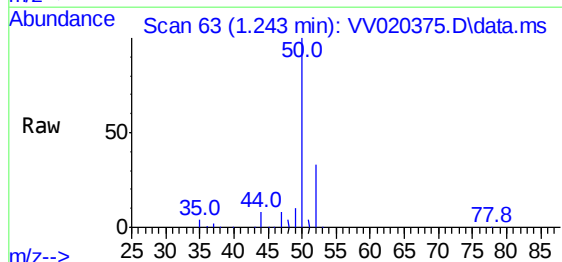
Tgt Ion: 85 Resp: 188513
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.4 39.6

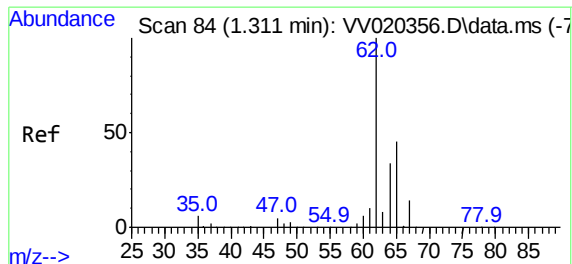


#3

Chloromethane
 Concen: 4.60 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Tgt Ion: 50 Resp: 154107
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.1 46.5

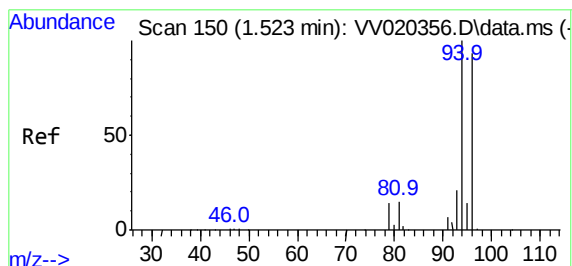
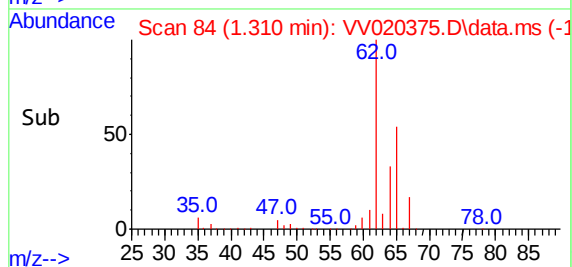
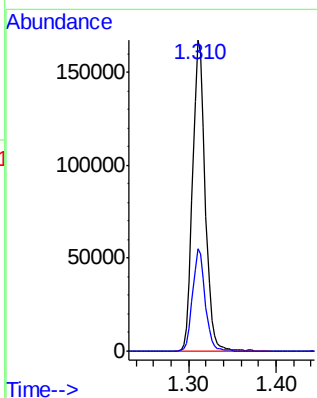
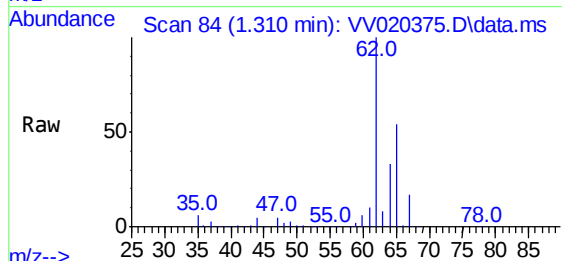




#5
 Vinyl chloride
 Concen: 4.67 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

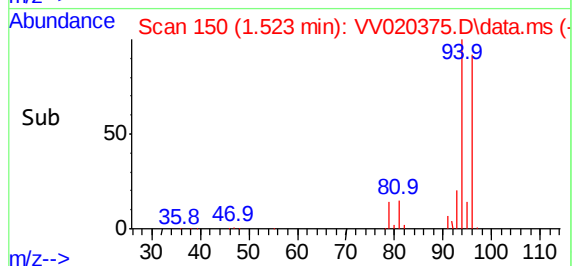
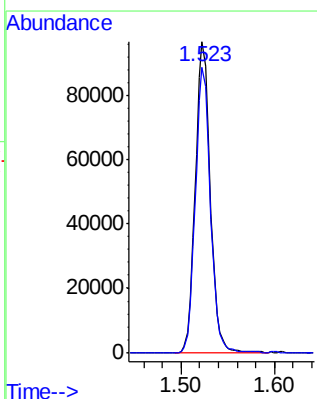
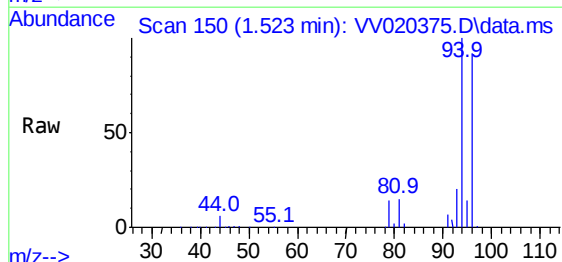
Instrument :
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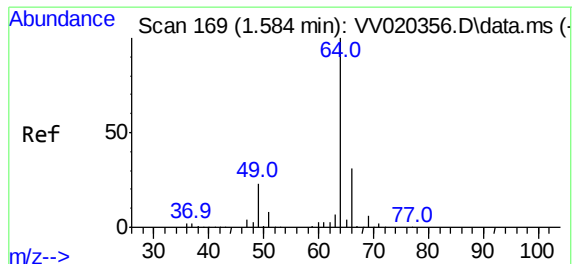
Tgt Ion: 62 Resp: 166831
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 4.66 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Tgt Ion: 94 Resp: 107435
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.9 122.5

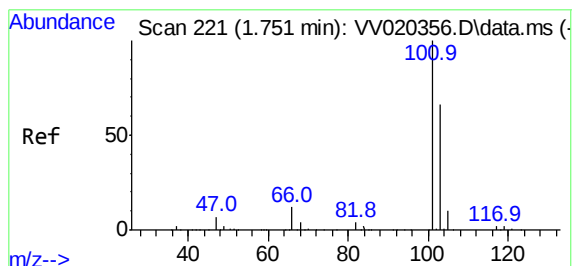
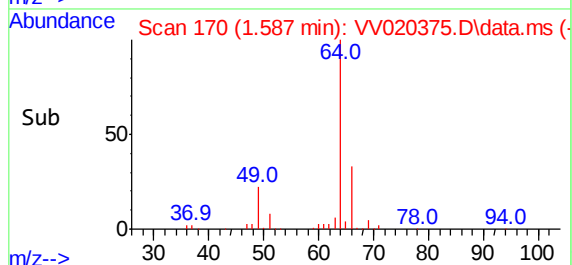
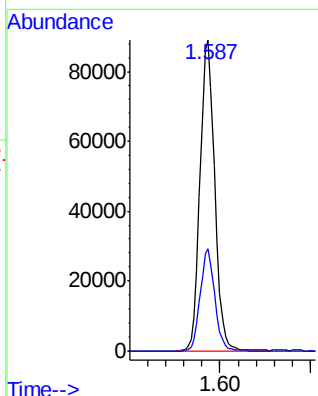
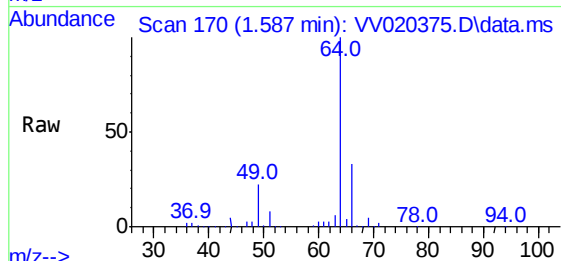




#8
Chloroethane
Concen: 4.66 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

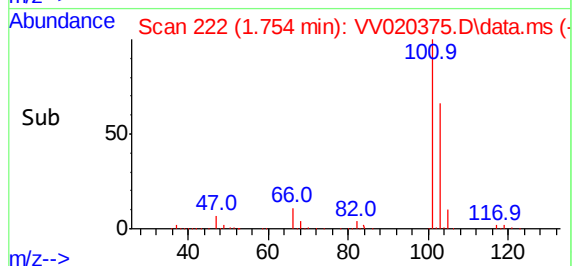
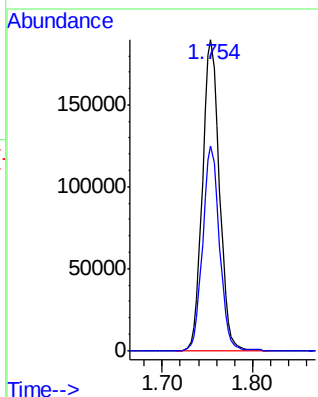
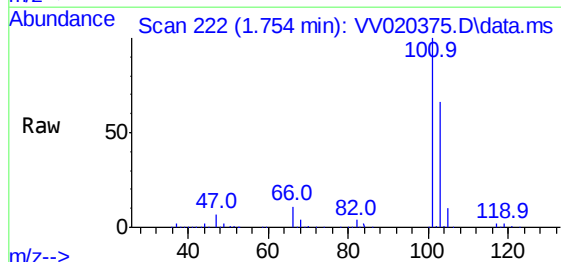
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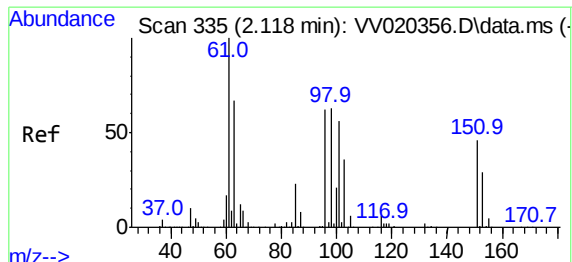
Tgt Ion: 64 Resp: 100295
Ion Ratio Lower Upper
64 100
66 32.9 24.0 44.6



#9
Trichlorofluoromethane
Concen: 4.92 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion:101 Resp: 246214
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

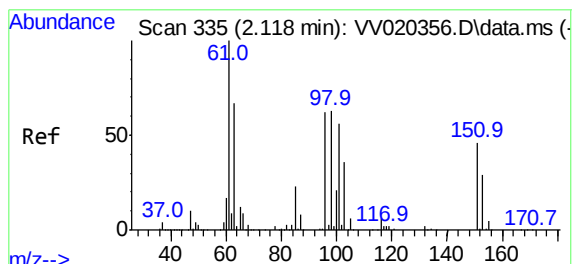
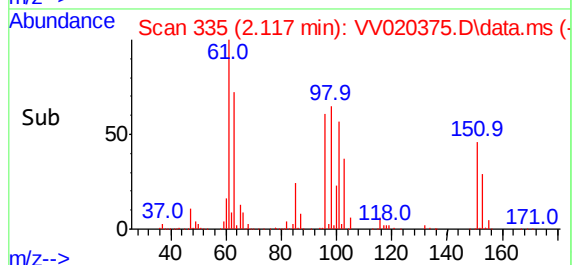
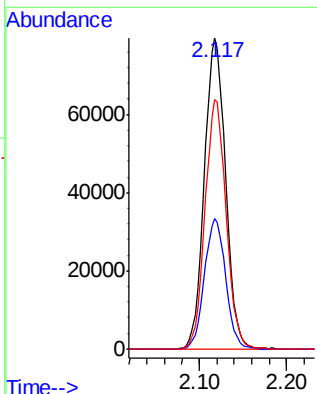
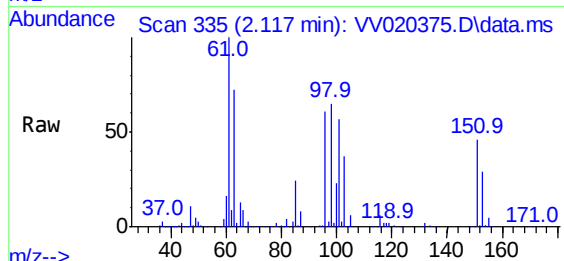




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.00 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

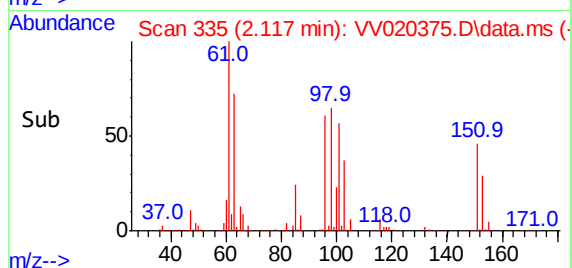
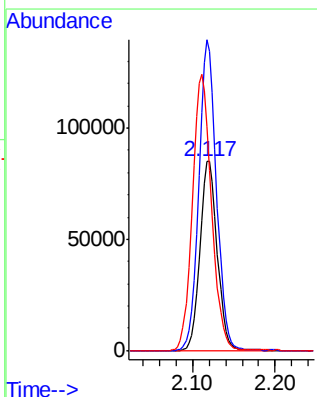
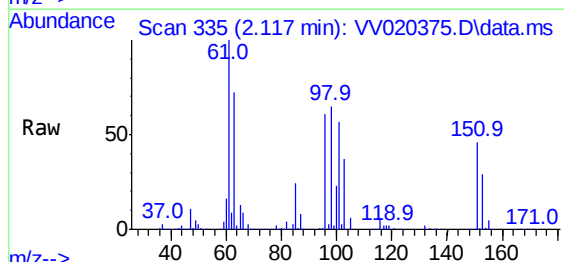
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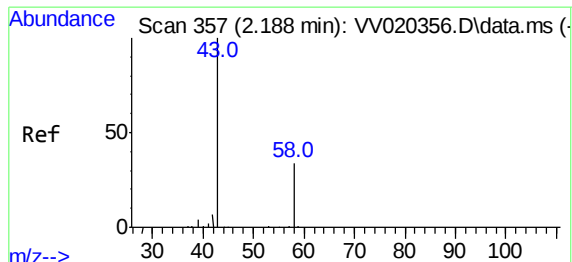
Tgt Ion:101 Resp: 133409
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.6 51.8
 151 79.6 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 4.77 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Tgt Ion: 96 Resp: 123635
 Ion Ratio Lower Upper
 96 100
 61 164.4 123.1 228.7
 63 118.2 91.2 169.4





#13

Acetone

Concen: 43.64 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.004 min

Lab File: VV020375.D

Acq: 23 Feb 2021 09:36

Tgt Ion: 43 Resp: 146908

Ion Ratio Lower Upper

43 100

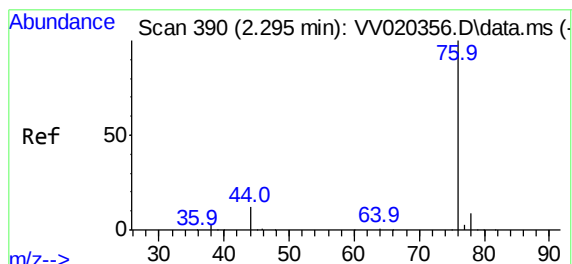
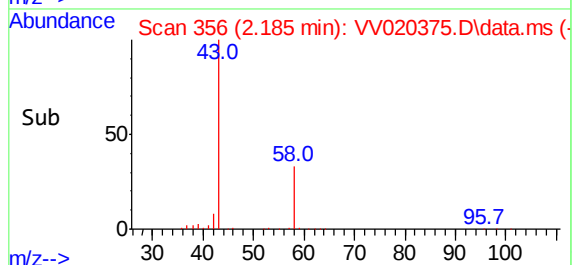
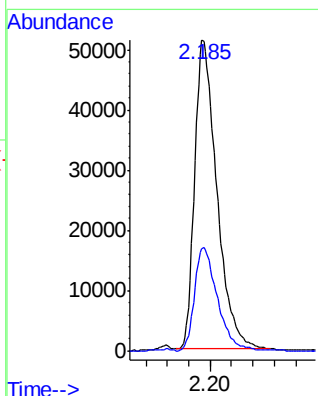
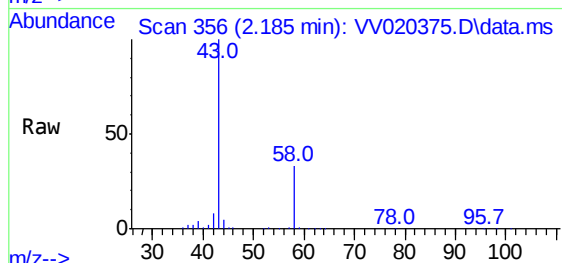
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Instrument :

MSVOA_V

ClientSampleId :

VSTD00539



#14

Carbon disulfide

Concen: 4.71 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV020375.D

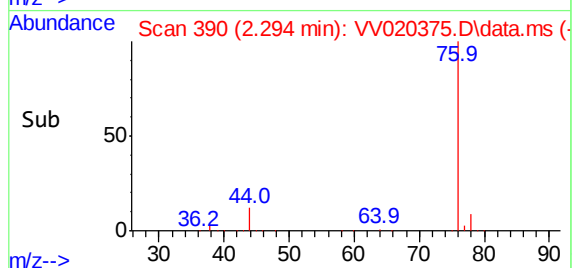
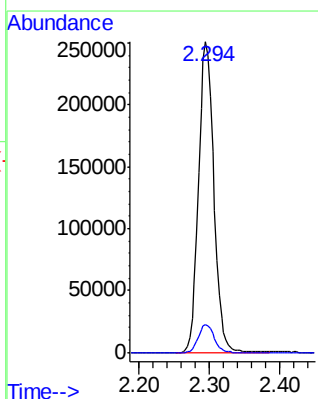
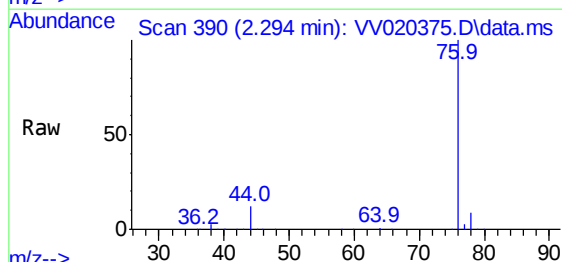
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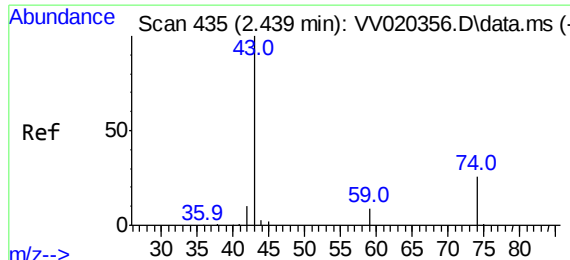
Tgt Ion: 76 Resp: 376425

Ion Ratio Lower Upper

76 100

78 9.0 6.6 10.0

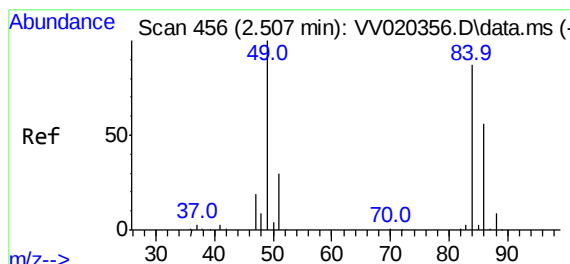
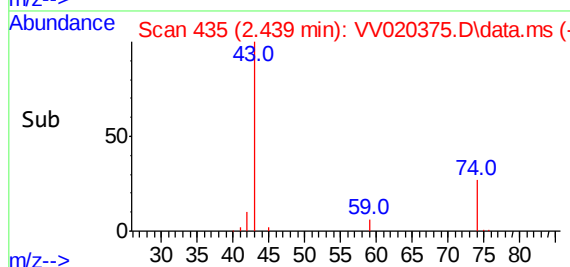
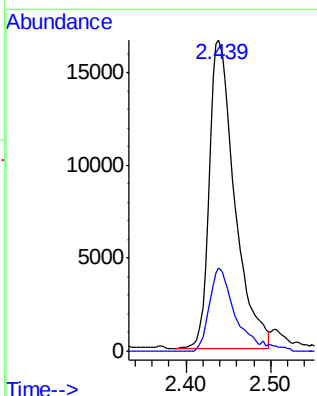
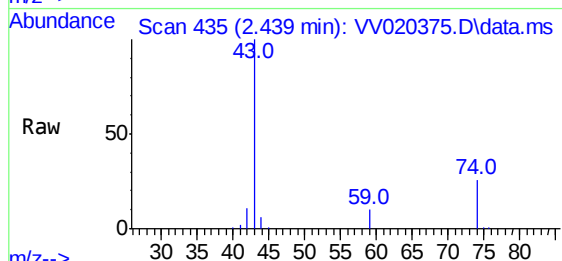




#15
Methyl Acetate
Concen: 4.19 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

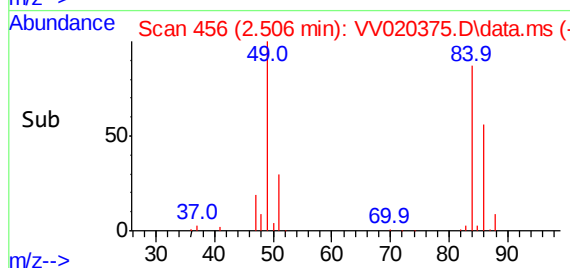
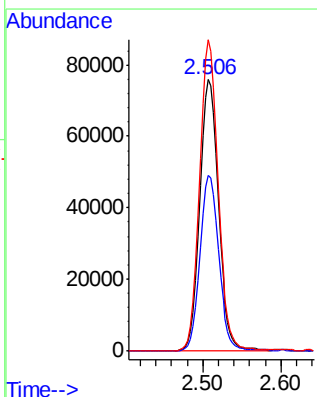
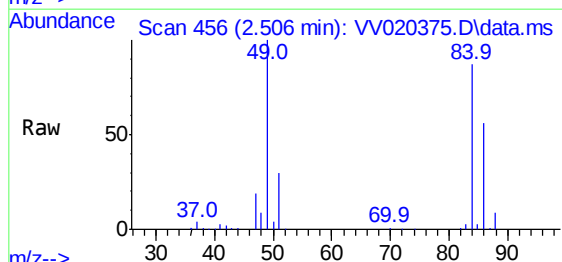
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

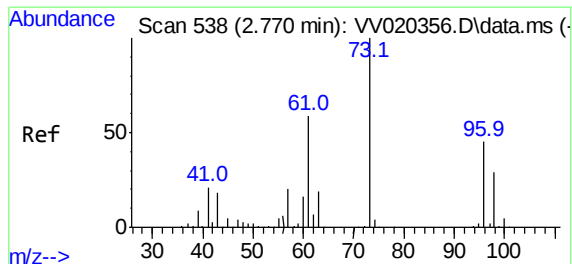
Tgt Ion: 43 Resp: 34191
Ion Ratio Lower Upper
43 100
74 27.7 26.6 40.0



#16
Methylene chloride
Concen: 4.49 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 84 Resp: 125278
Ion Ratio Lower Upper
84 100
86 64.8 46.5 86.3
49 114.9 79.2 147.2

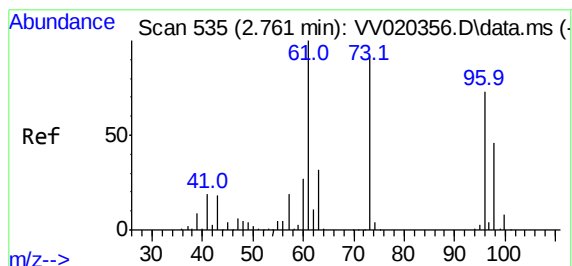
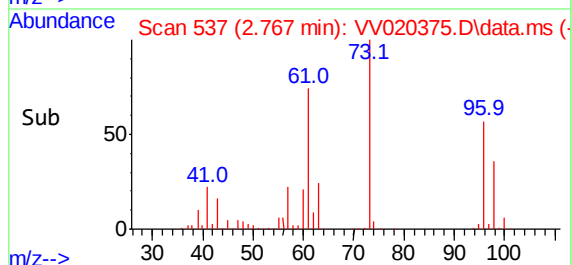
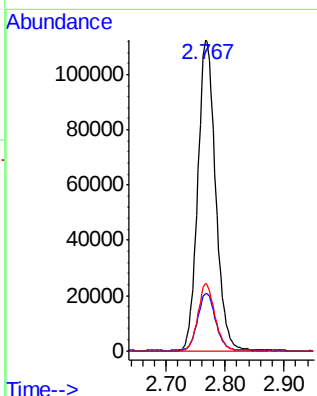
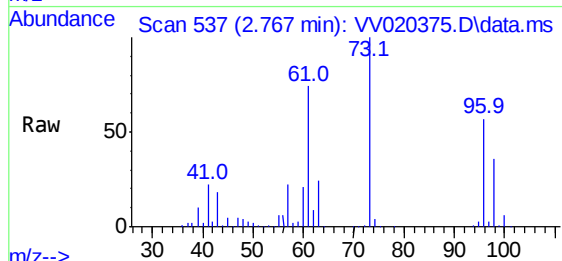




#17
Methyl tert-butyl Ether
Concen: 4.46 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

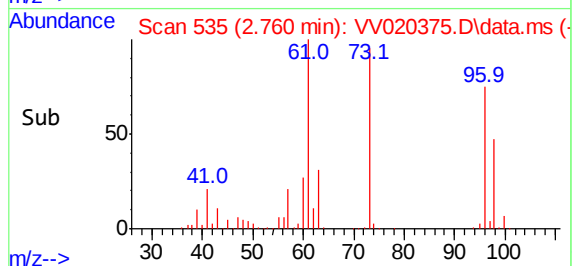
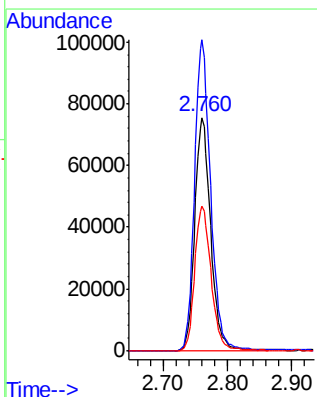
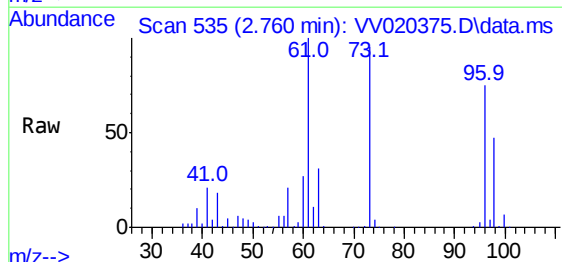
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

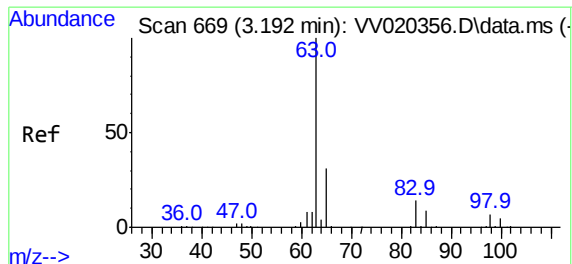
Tgt Ion: 73 Resp: 238554
Ion Ratio Lower Upper
73 100
43 18.5 18.3 27.5
57 20.7 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.76 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 96 Resp: 129227
Ion Ratio Lower Upper
96 100
61 133.5 96.0 178.4
98 62.2 43.5 80.9

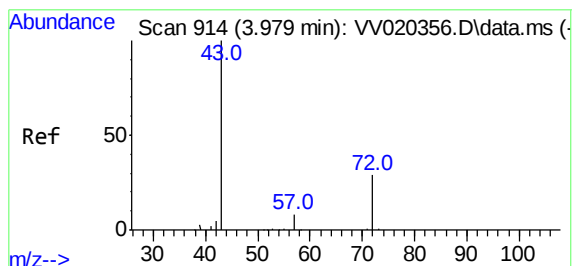
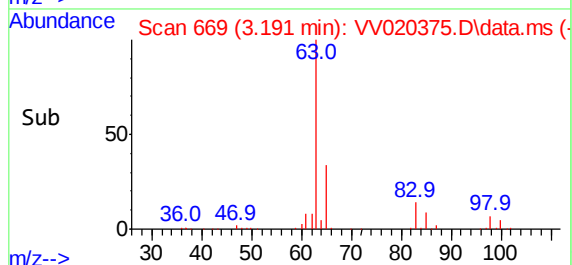
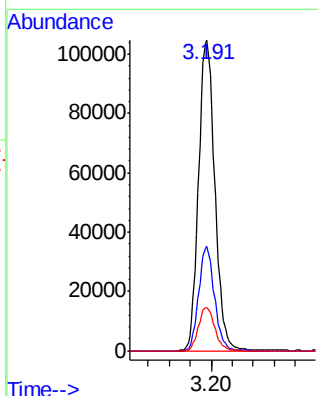
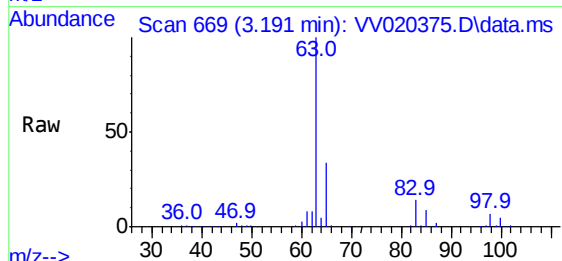




#19
1,1-Dichloroethane
Concen: 4.68 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

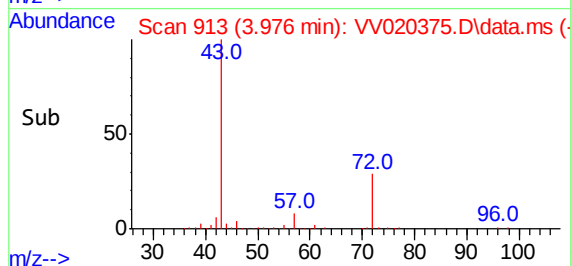
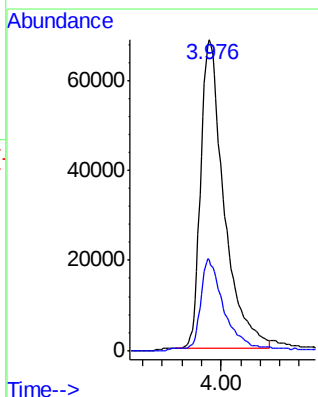
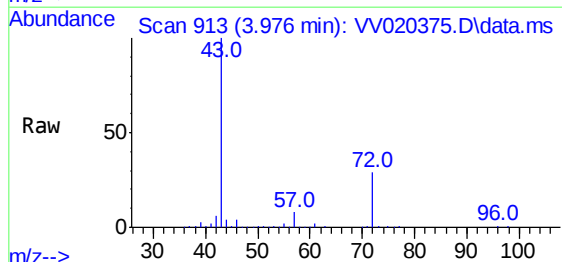
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

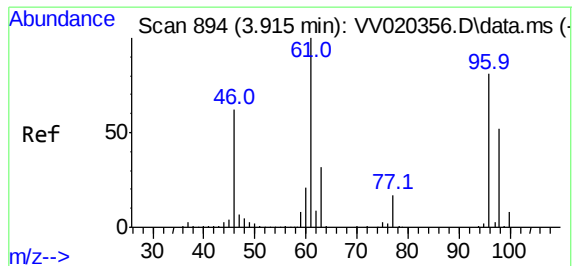
Tgt Ion: 63 Resp: 223752
Ion Ratio Lower Upper
63 100
65 33.6 21.4 39.8
83 13.9 10.4 19.4



#21
2-Butanone
Concen: 44.29 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 43 Resp: 227391
Ion Ratio Lower Upper
43 100
72 27.9 13.0 38.9

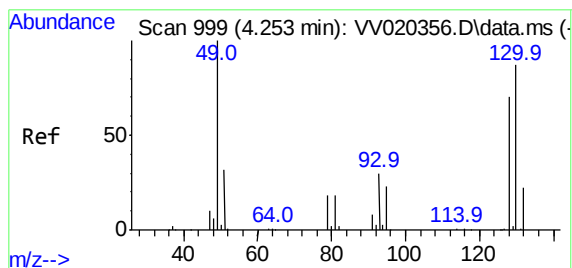
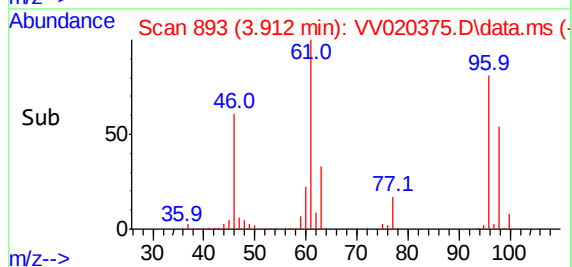
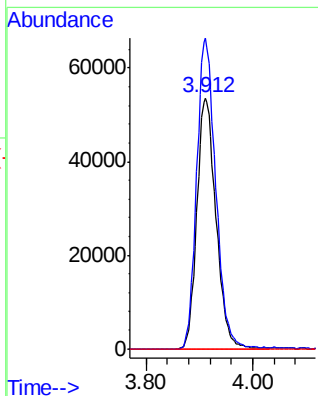
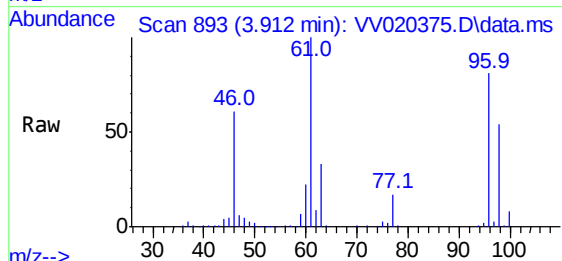




#22
 cis-1,2-Dichloroethene
 Concen: 4.67 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.004 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

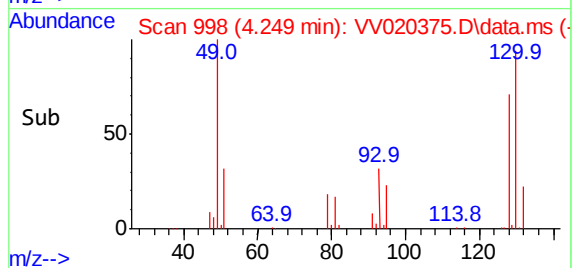
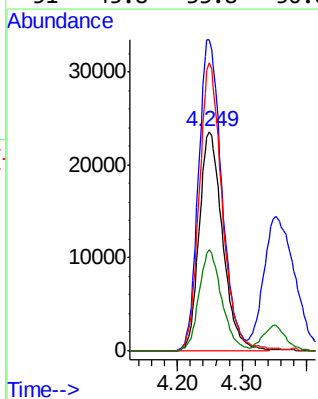
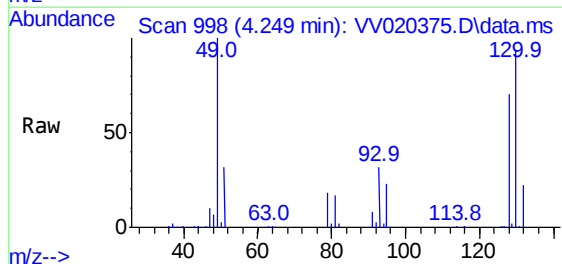
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

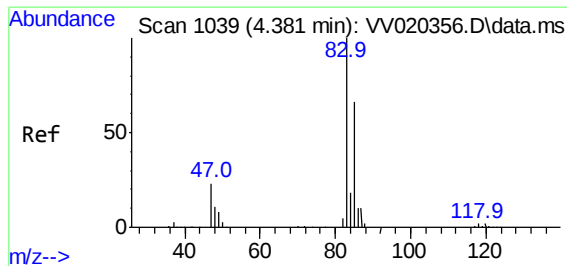
Tgt Ion: 96 Resp: 131825
 Ion Ratio Lower Upper
 96 100
 61 123.9 89.6 166.4
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.80 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.004 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Tgt Ion: 128 Resp: 59053
 Ion Ratio Lower Upper
 128 100
 49 141.9 92.2 171.2
 130 131.6 77.2 143.4
 51 45.8 33.8 50.6

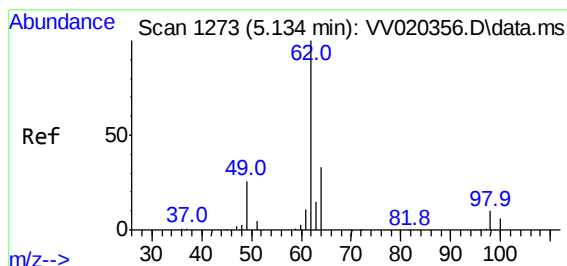
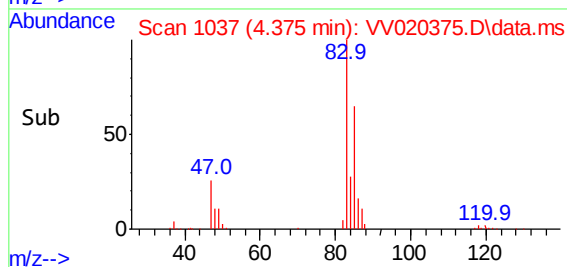
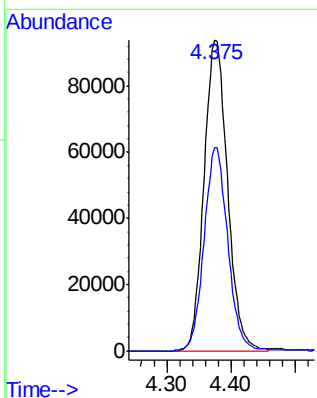
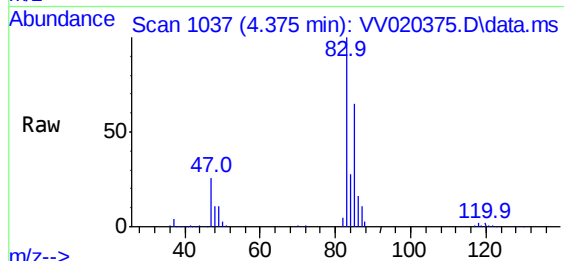




#25
Chloroform
Concen: 4.71 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

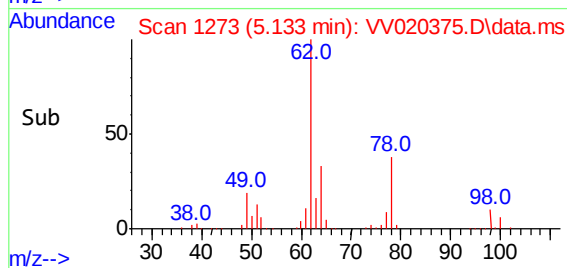
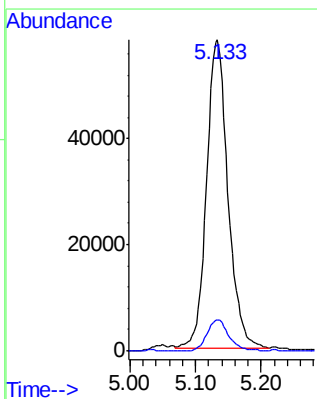
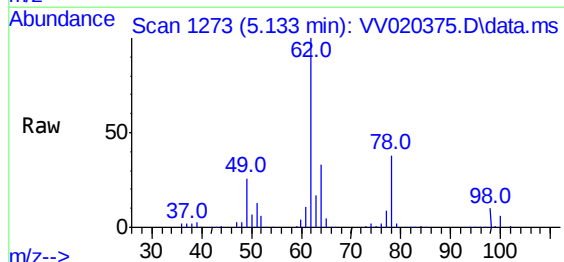
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

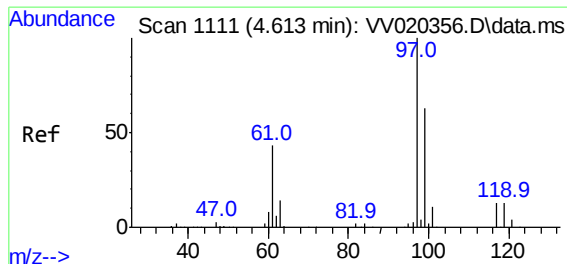
Tgt Ion: 83 Resp: 238006
Ion Ratio Lower Upper
83 100
85 65.4 47.3 87.9



#27
1,2-Dichloroethane
Concen: 4.52 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 62 Resp: 130891
Ion Ratio Lower Upper
62 100
98 9.9 7.0 10.6

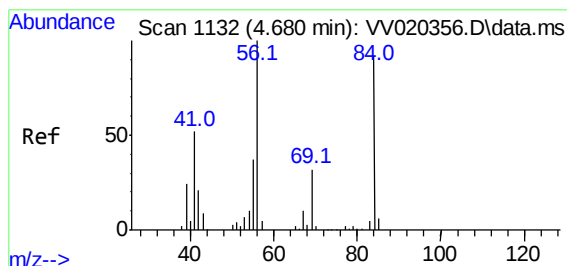
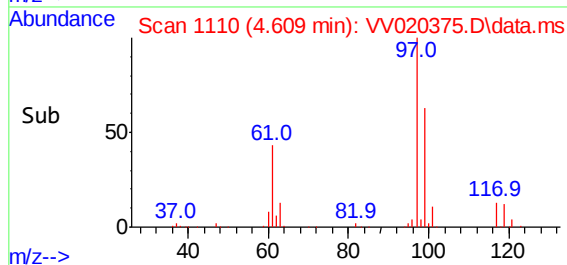
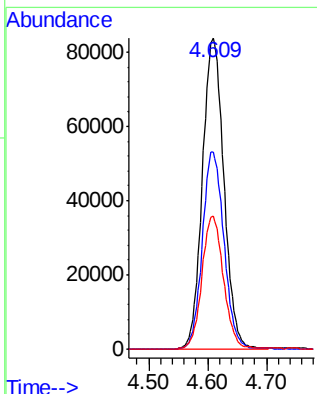
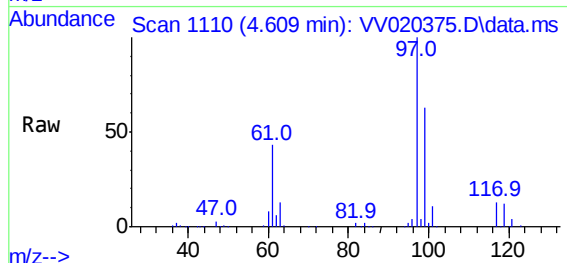




#29
1,1,1-Trichloroethane
Concen: 4.79 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

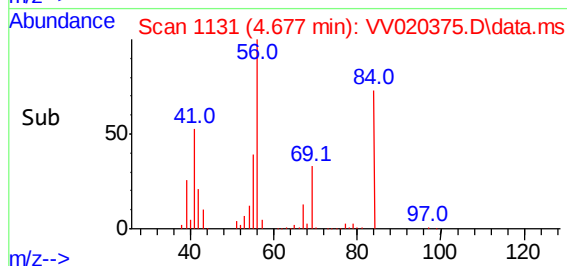
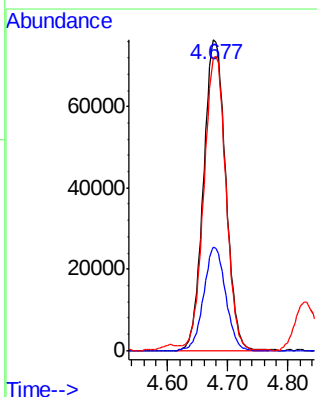
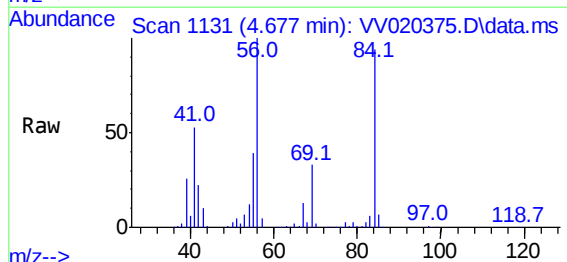
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

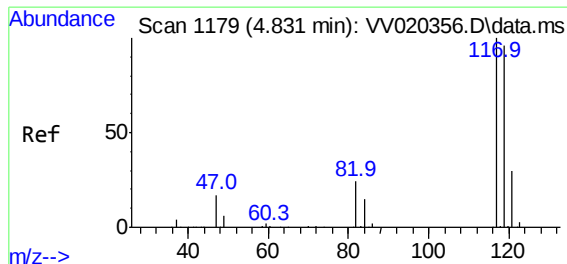
Tgt Ion: 97 Resp: 211423
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 43.0 35.7 53.5



#30
Cyclohexane
Concen: 4.84 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 56 Resp: 191747
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.2
84 94.9 73.0 109.4

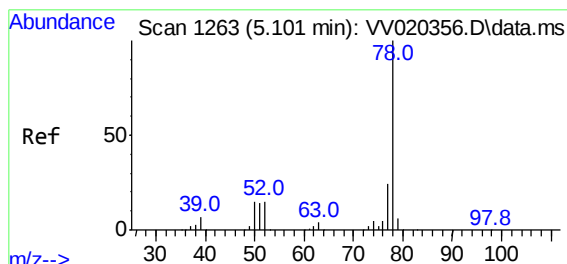
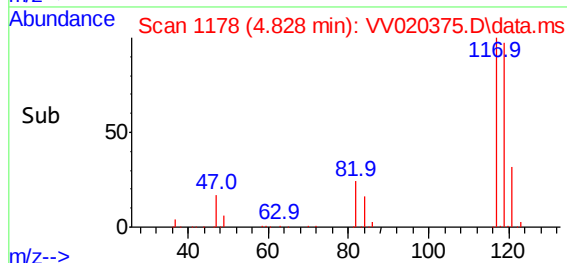
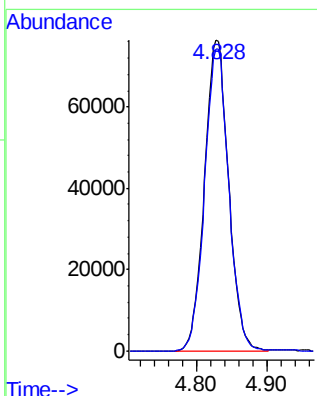
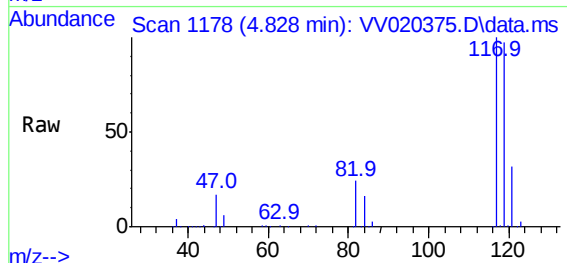




#31
Carbon tetrachloride
Concen: 4.83 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

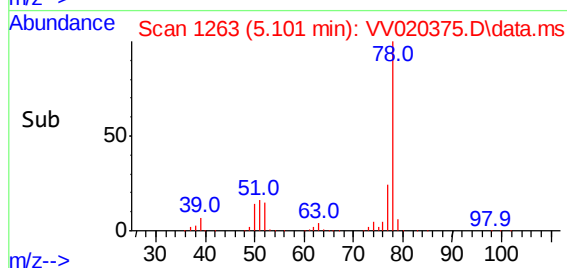
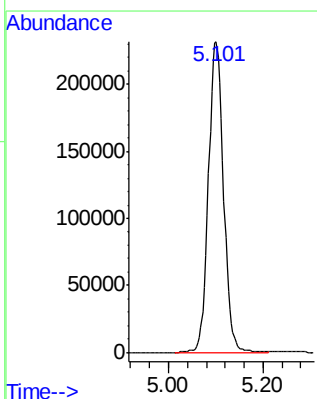
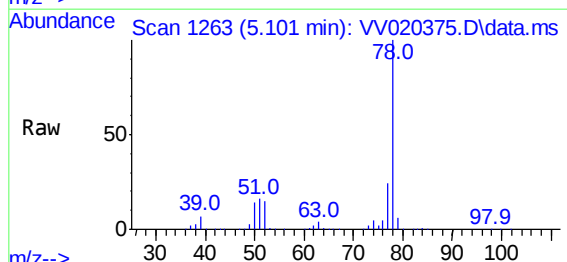
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

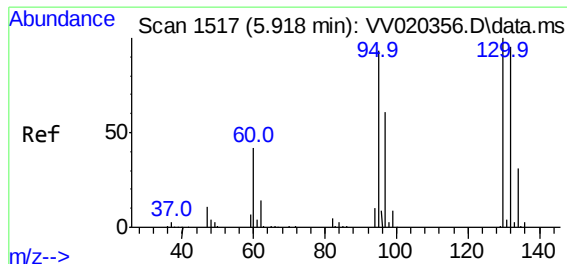
Tgt Ion:117 Resp: 182246
Ion Ratio Lower Upper
117 100
119 97.6 76.9 115.3



#33
Benzene
Concen: 4.76 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 78 Resp: 510362

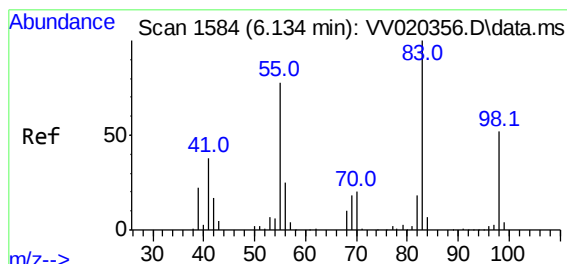
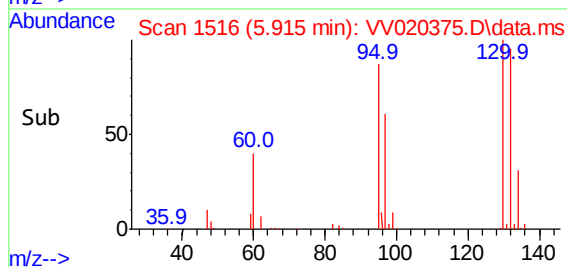
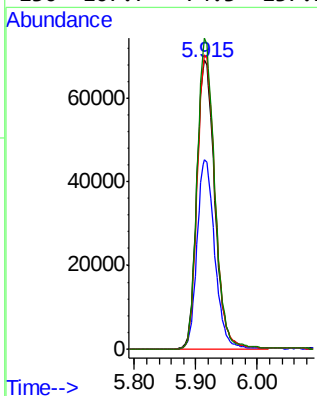
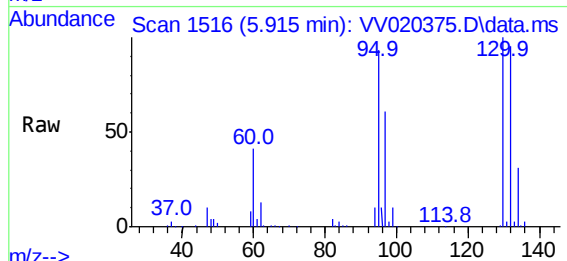




#34
Trichloroethene
Concen: 4.67 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

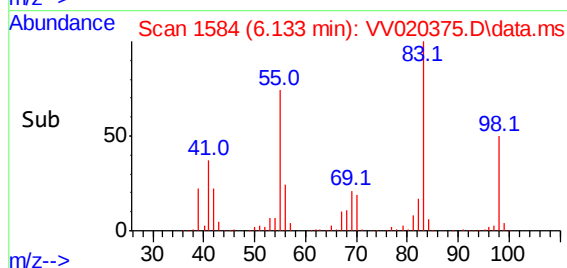
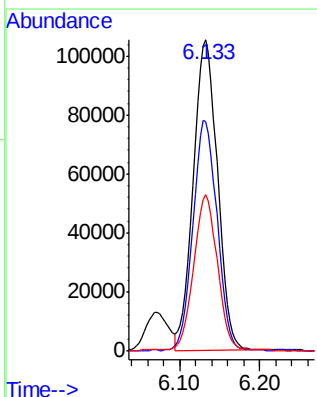
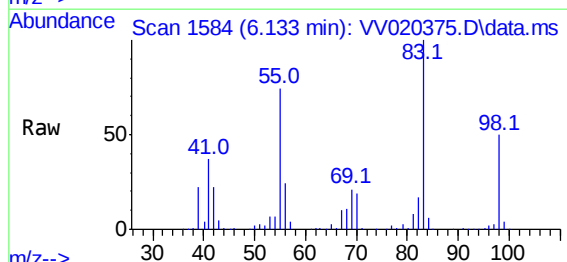
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

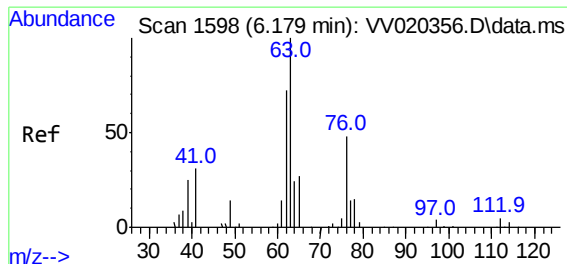
Tgt Ion: 95 Resp: 140403
Ion Ratio Lower Upper
95 100
97 65.7 46.1 85.5
132 101.8 71.7 133.1
130 107.7 74.3 137.9



#35
Methylcyclohexane
Concen: 4.97 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 83 Resp: 216263
Ion Ratio Lower Upper
83 100
55 73.8 61.8 92.8
98 49.2 39.0 58.6

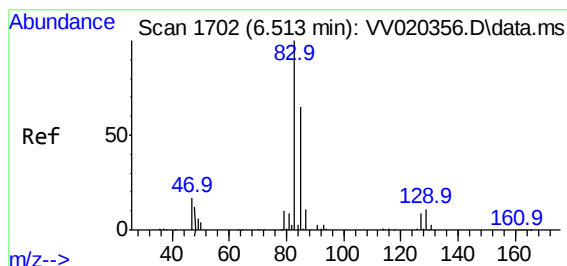
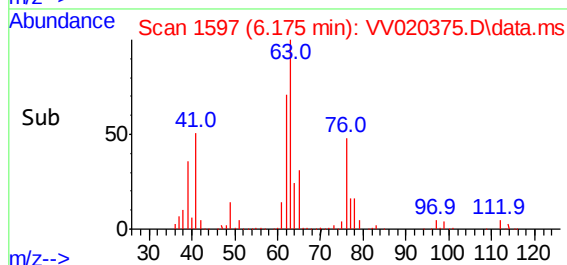
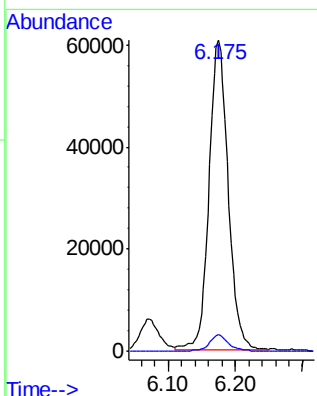
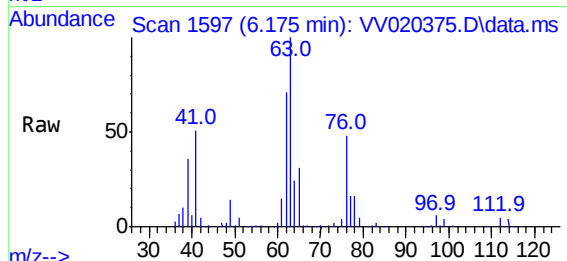




#37
1,2-Dichloropropane
Concen: 4.74 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

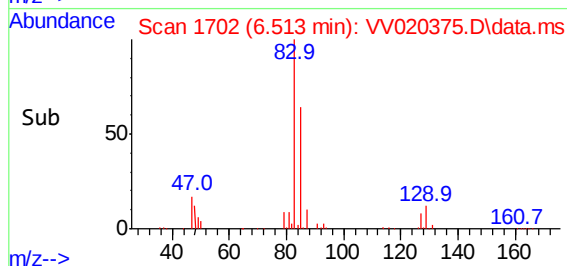
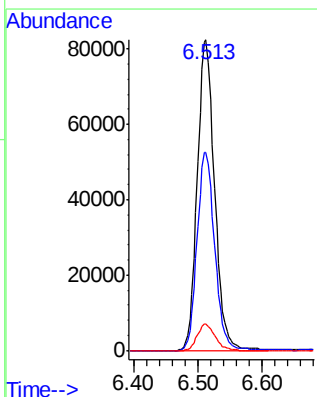
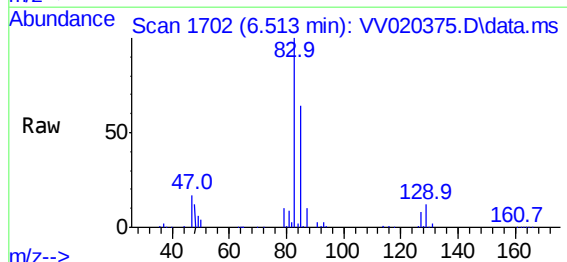
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

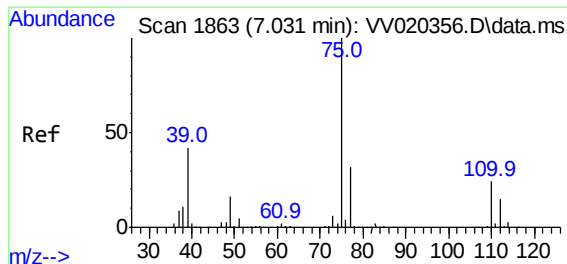
Tgt Ion: 63 Resp: 121007
Ion Ratio Lower Upper
63 100
112 4.9 4.5 6.7



#38
Bromodichloromethane
Concen: 4.62 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 83 Resp: 153729
Ion Ratio Lower Upper
83 100
85 63.8 44.7 83.1
127 8.5 7.4 11.0

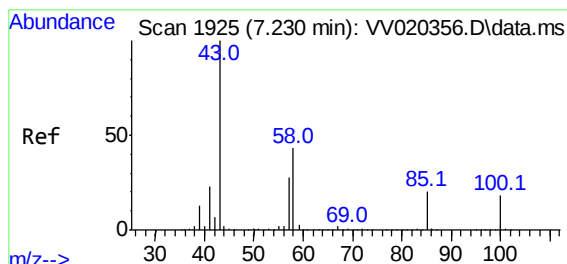
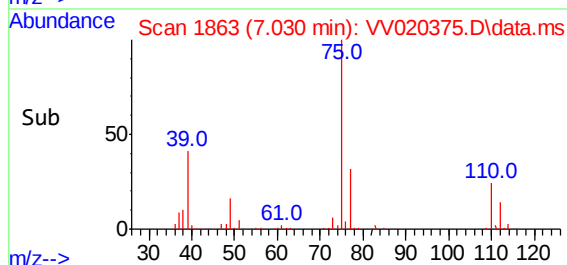
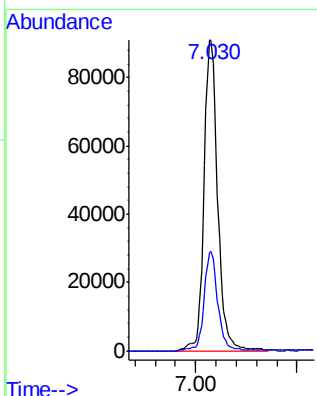
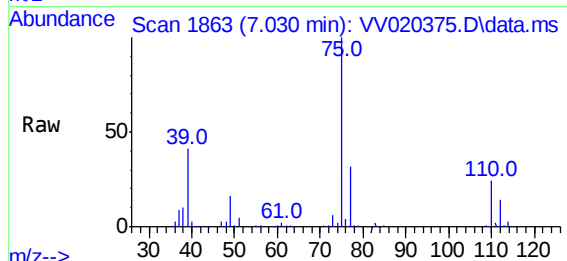




#39
 cis-1,3-Dichloropropene
 Concen: 4.73 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

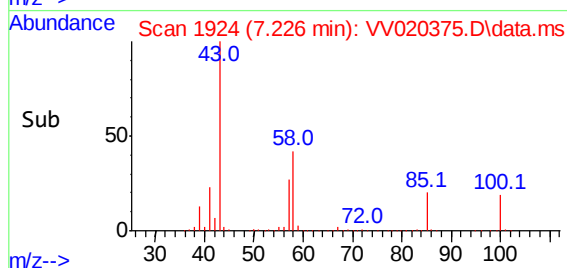
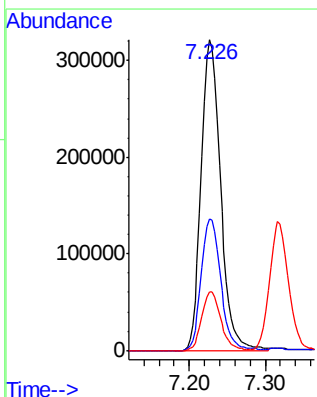
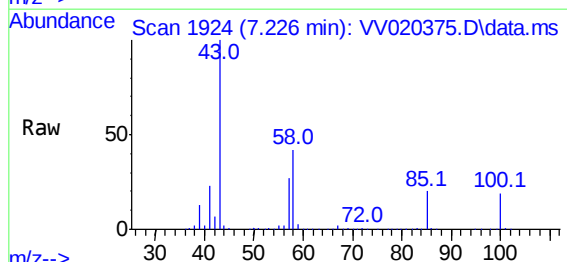
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

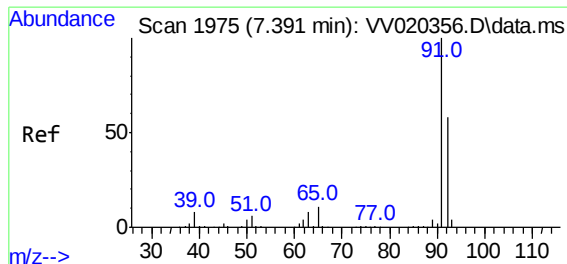
Tgt Ion: 75 Resp: 169800
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 44.71 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.004 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Tgt Ion: 43 Resp: 566519
 Ion Ratio Lower Upper
 43 100
 58 42.7 31.2 46.8
 100 18.5 13.6 20.4

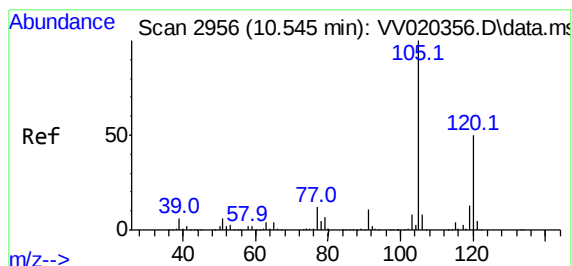
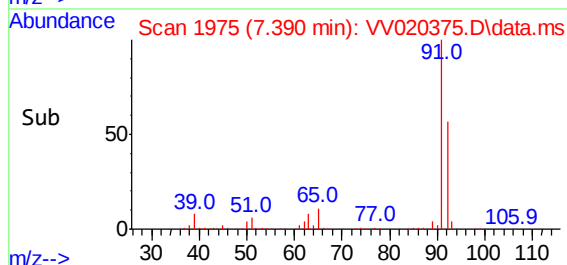
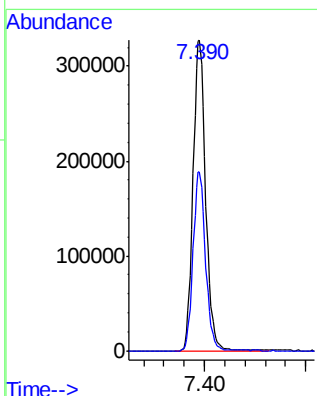
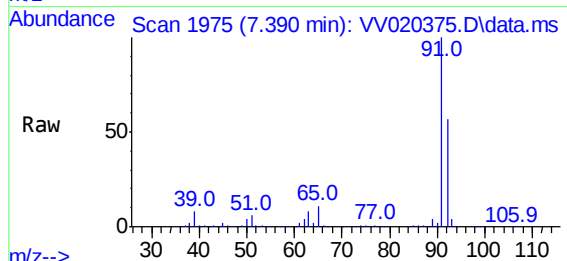




#42
Toluene
Concen: 4.86 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

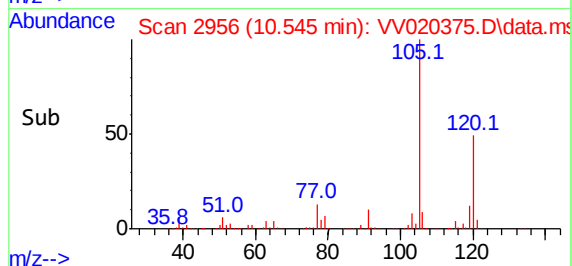
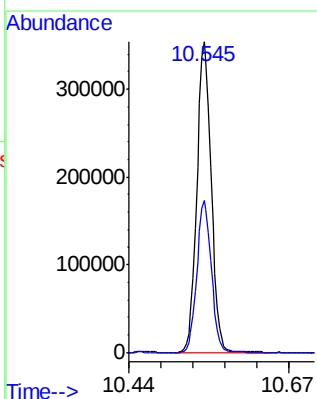
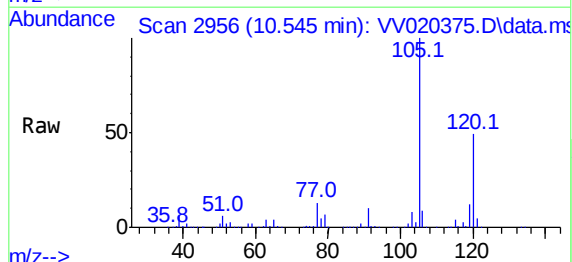
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

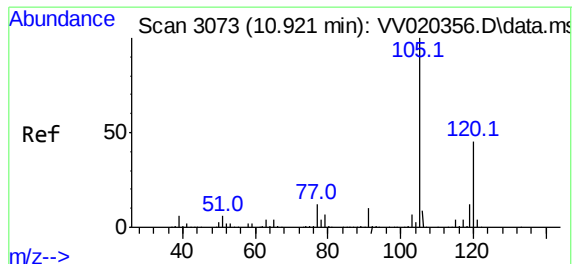
Tgt Ion: 91 Resp: 564714
Ion Ratio Lower Upper
91 100
92 57.4 40.8 75.8



#43
1,3,5-Trimethylbenzene
Concen: 5.01 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion:105 Resp: 514563
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.2

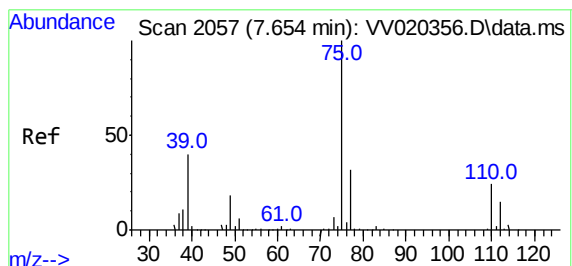
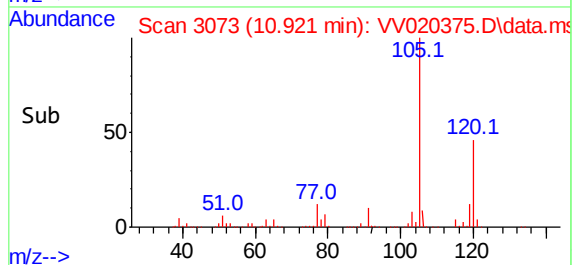
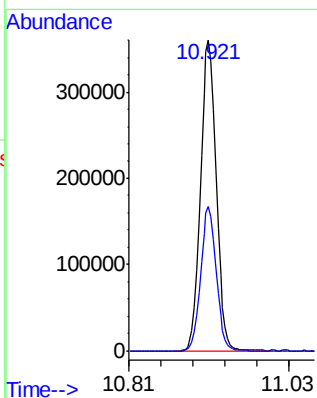
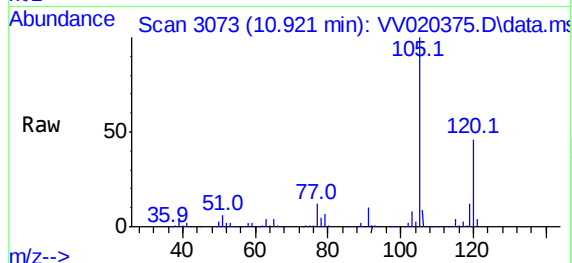




#44
1,2,4-Trimethylbenzene
Concen: 5.06 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

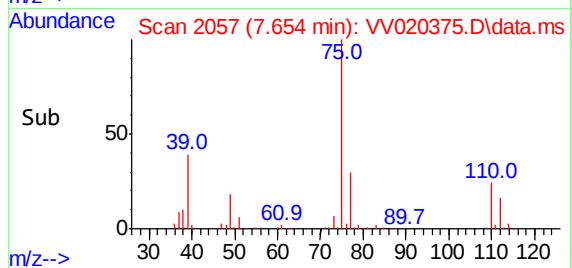
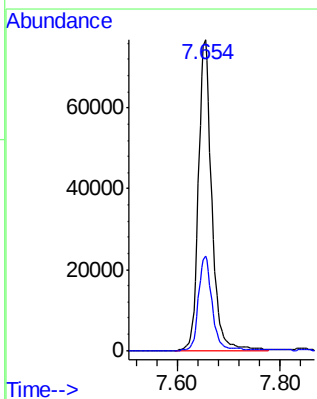
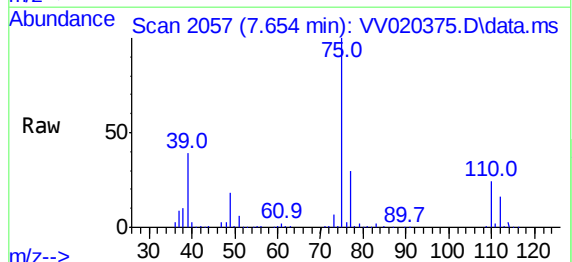
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

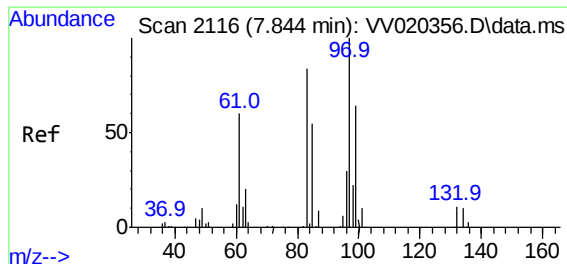
Tgt Ion:105 Resp: 529117
Ion Ratio Lower Upper
105 100
120 45.8 35.9 53.9



#46
trans-1,3-Dichloropropene
Concen: 4.71 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 75 Resp: 138051
Ion Ratio Lower Upper
75 100
77 30.2 22.5 41.7



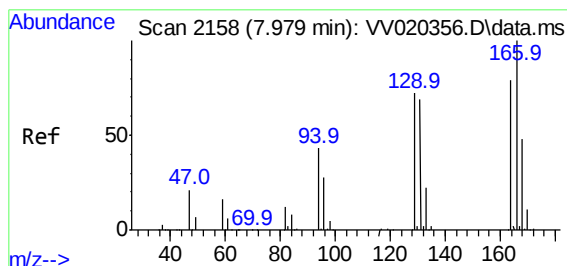
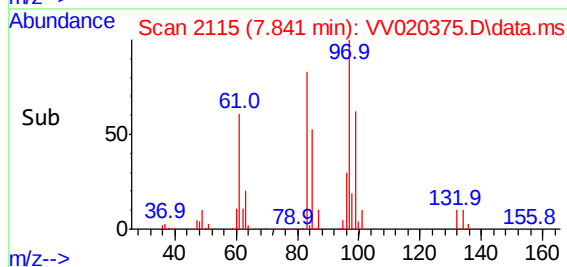
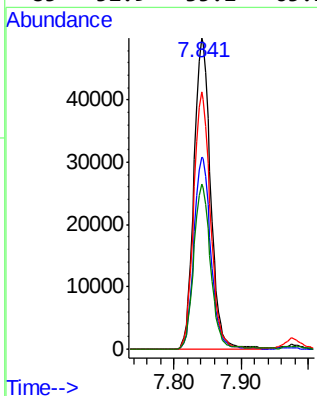
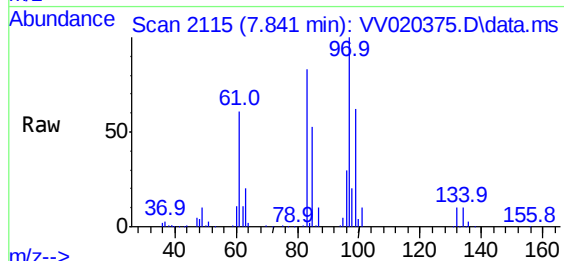


#47
1,1,2-Trichloroethane
Concen: 4.60 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

Tgt Ion: 97 Resp: 84862

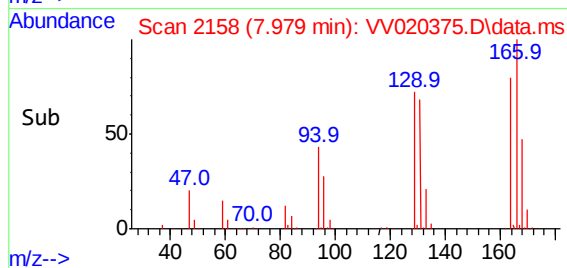
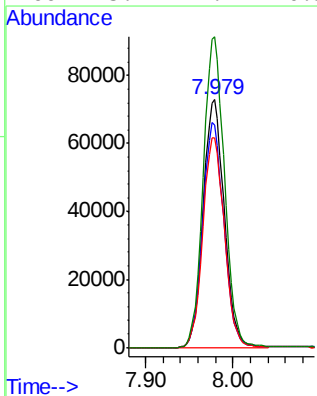
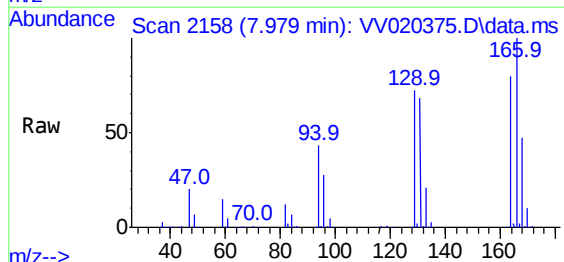
Ion	Ratio	Lower	Upper
97	100		
99	61.8	39.5	73.4
83	82.7	52.6	97.6
85	52.9	35.1	65.1

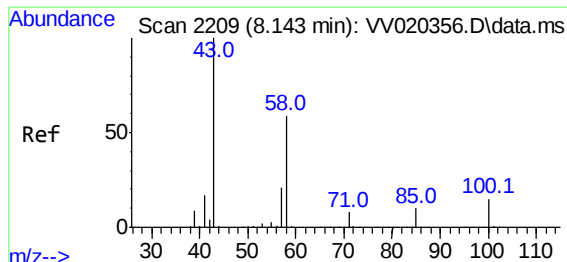


#49
Tetrachloroethene
Concen: 4.88 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 164 Resp: 121647

Ion	Ratio	Lower	Upper
164	100		
129	90.0	65.0	120.8
131	84.7	63.6	118.2
166	125.4	91.7	170.3



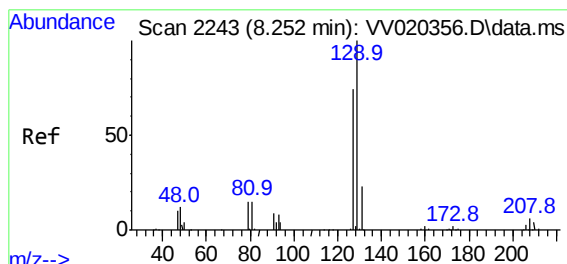
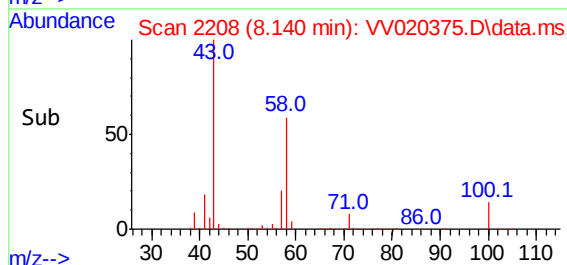
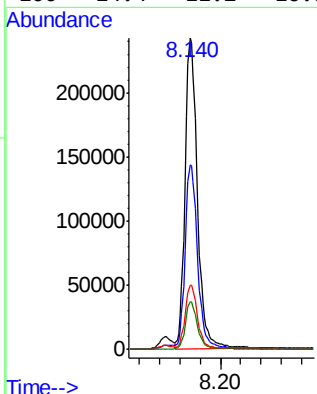
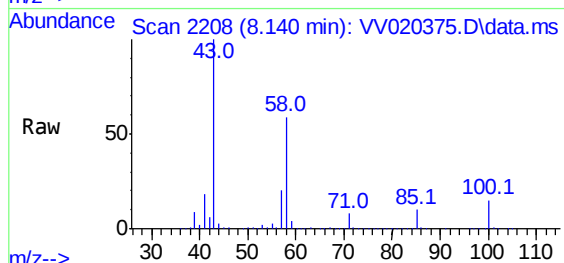


#50
2-Hexanone
Concen: 45.96 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

Tgt Ion: 43 Resp: 408218

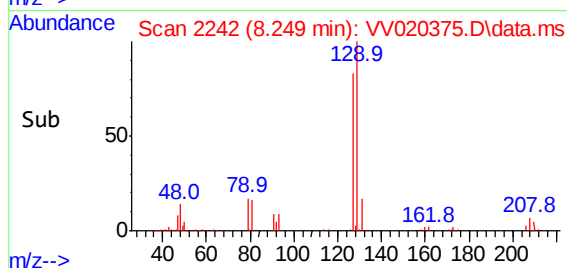
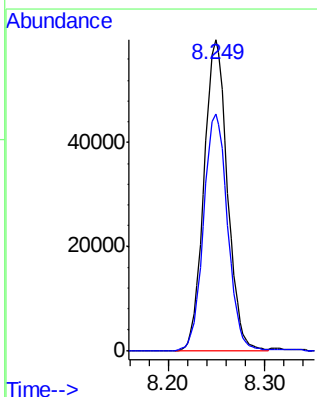
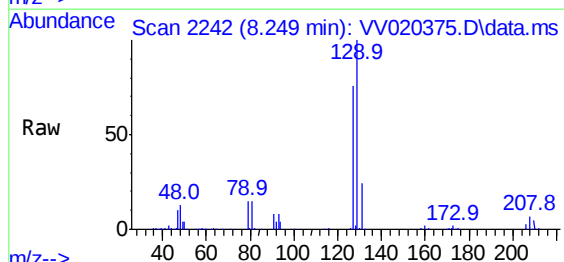
Ion	Ratio	Lower	Upper
43	100		
58	59.0	41.6	62.4
57	20.4	15.4	23.0
100	14.4	11.2	16.8

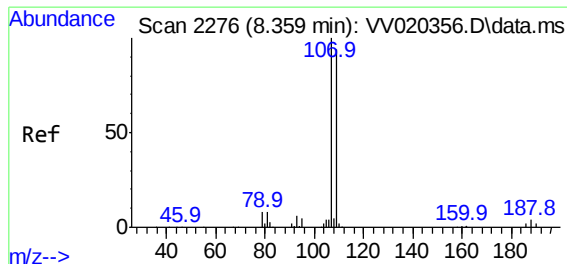


#51
Dibromochloromethane
Concen: 4.68 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 129 Resp: 100423

Ion	Ratio	Lower	Upper
129	100		
127	76.1	56.3	104.5



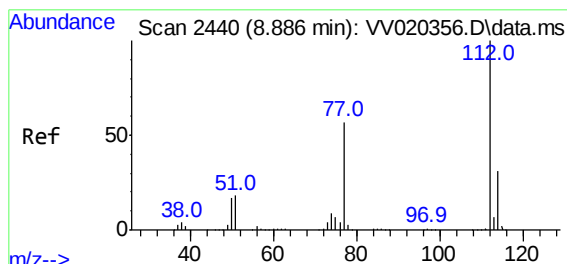
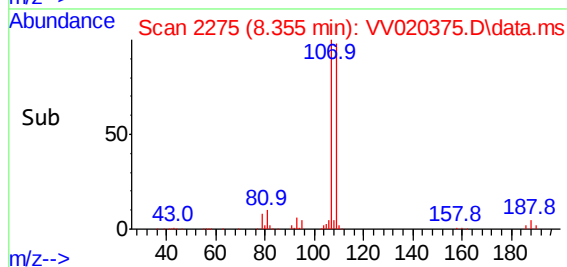
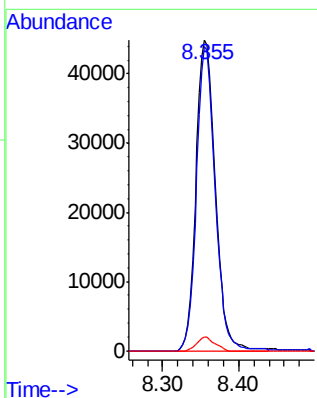
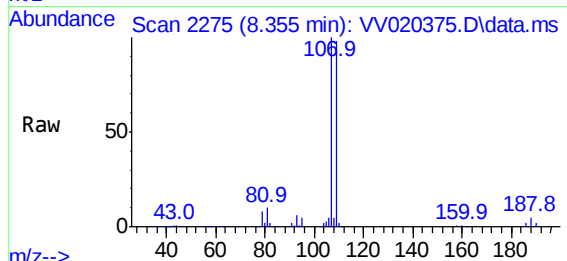


#52
 1,2-Dibromoethane
 Concen: 4.72 ug/L
 RT: 8.355 min Scan# 2275
 Delta R.T. -0.003 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Tgt Ion:107 Resp: 79010

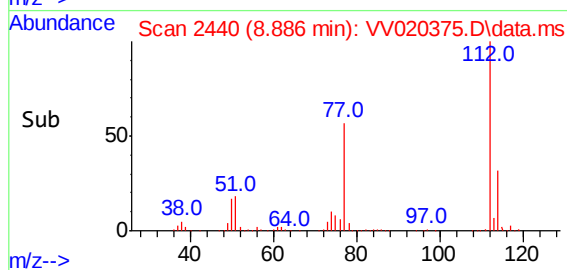
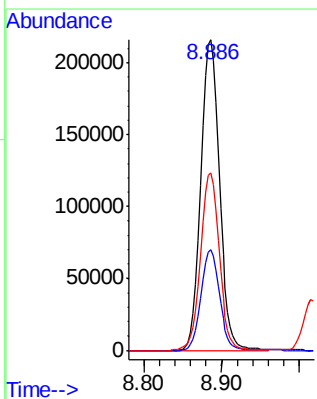
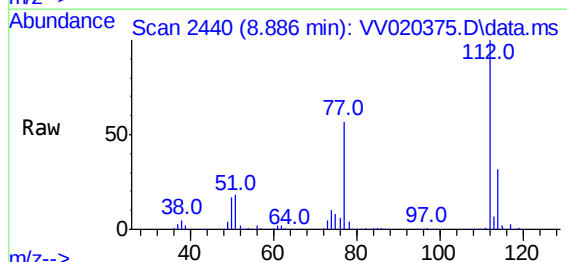
Ion	Ratio	Lower	Upper
107	100		
109	98.1	65.5	121.7
188	4.6	3.7	5.5

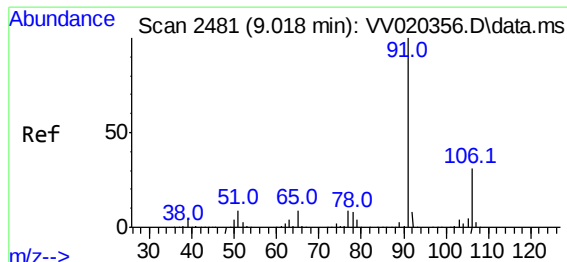


#53
 Chlorobenzene
 Concen: 4.68 ug/L
 RT: 8.886 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Tgt Ion:112 Resp: 358854

Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.2	43.2
77	57.3	45.6	68.4





#54

Ethylbenzene

Concen: 4.84 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.004 min

Lab File: VV020375.D

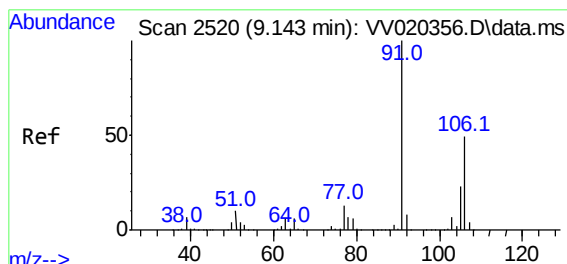
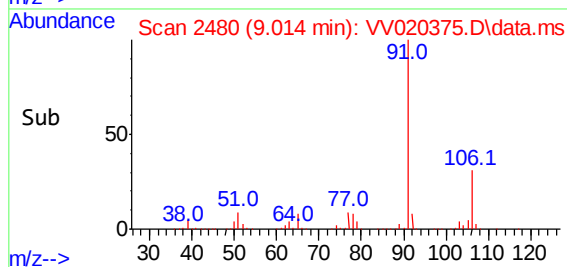
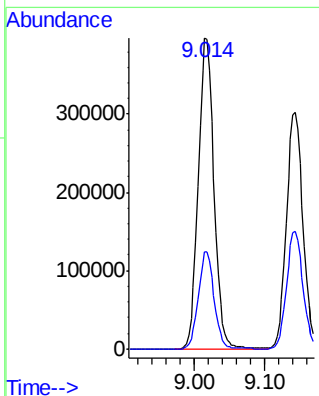
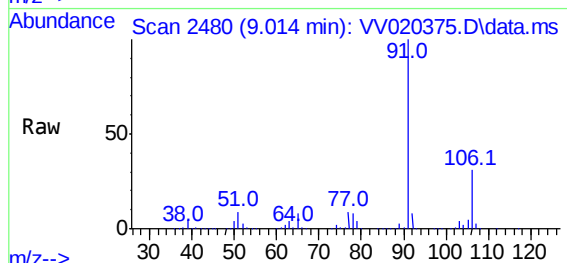
Acq: 23 Feb 2021 09:36

Tgt Ion: 91 Resp: 615285

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.2



#55

m,p-xylene

Concen: 5.05 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VV020375.D

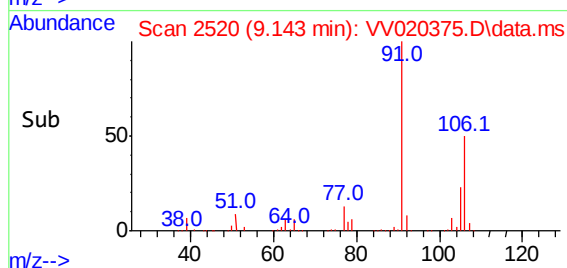
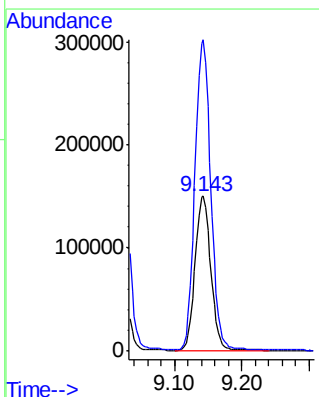
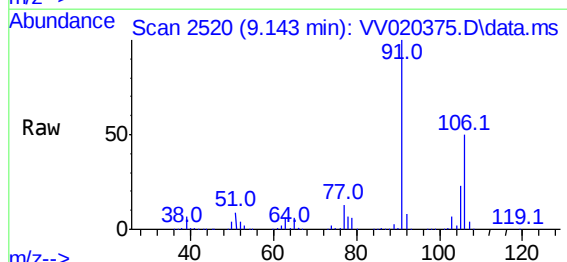
Acq: 23 Feb 2021 09:36

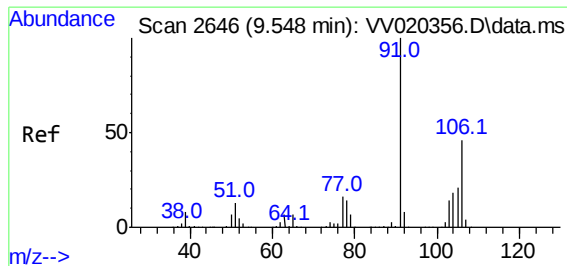
Tgt Ion: 106 Resp: 241846

Ion Ratio Lower Upper

106 100

91 201.1 141.3 262.3

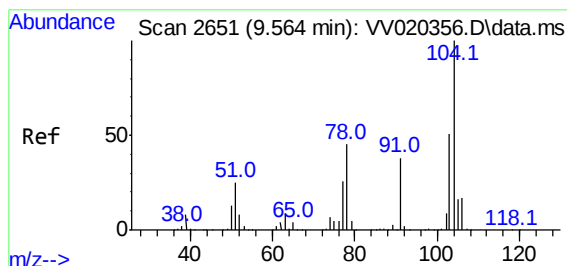
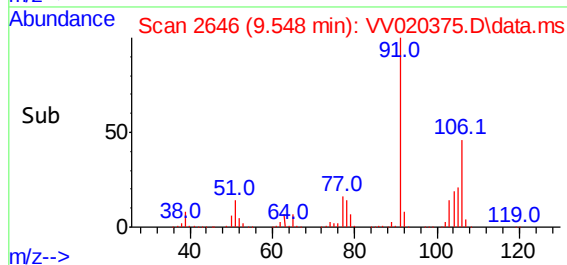
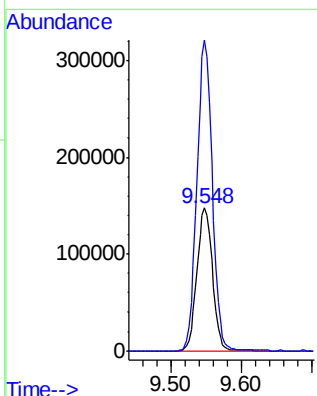
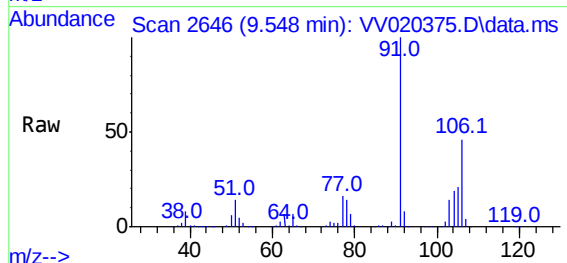




#56
o-xylene
Concen: 4.89 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

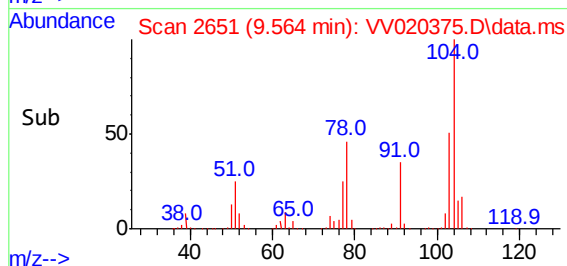
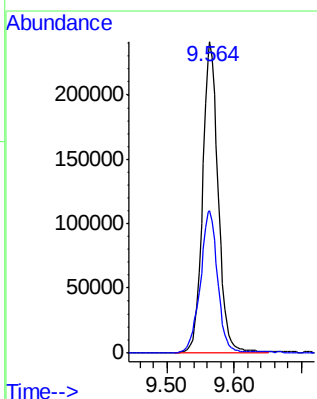
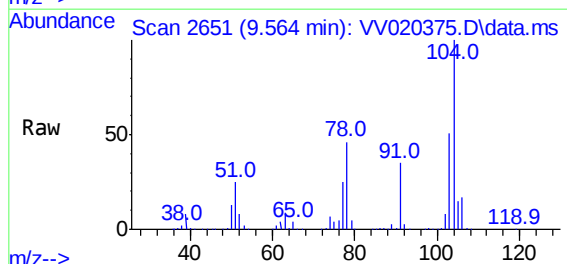
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

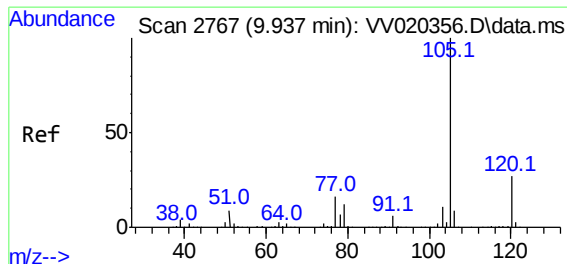
Tgt Ion:106 Resp: 225018
Ion Ratio Lower Upper
106 100
91 217.9 153.9 285.7



#57
Styrene
Concen: 5.00 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion:104 Resp: 387359
Ion Ratio Lower Upper
104 100
78 45.6 34.0 63.2

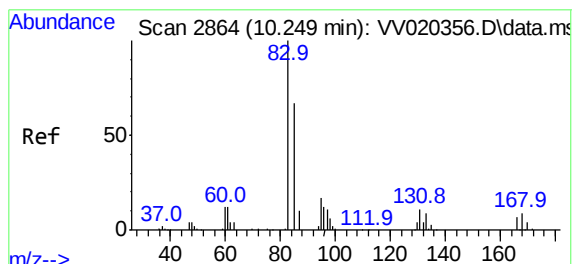
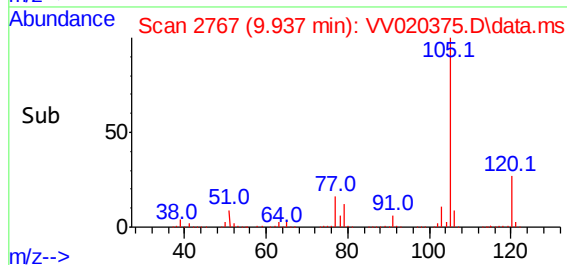
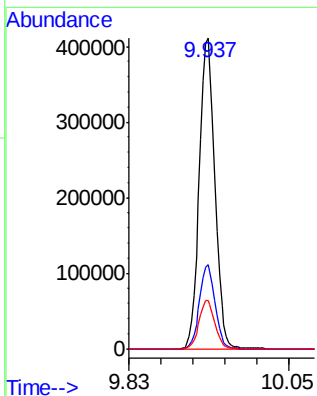
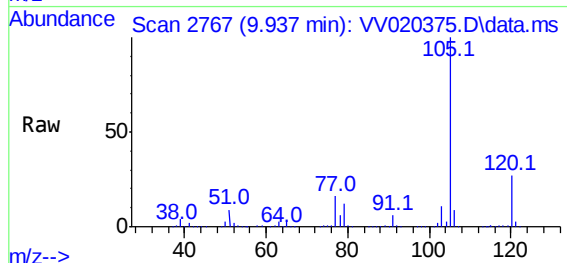




#58
Isopropylbenzene
Concen: 4.94 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

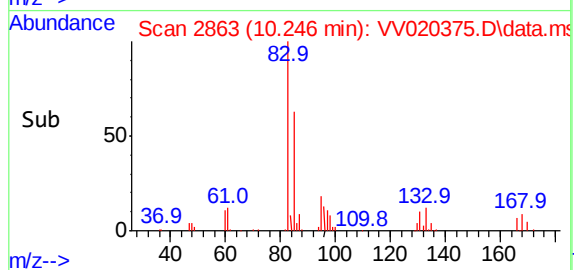
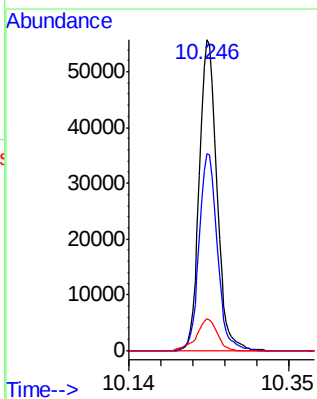
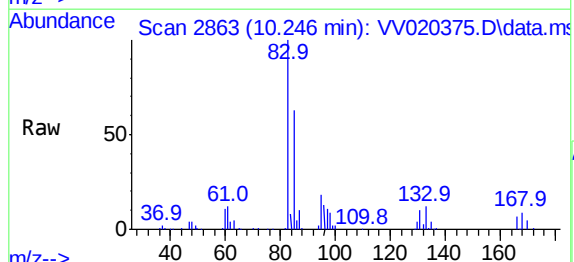
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

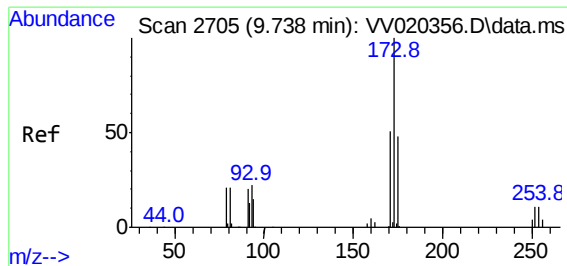
Tgt Ion:105 Resp: 618015
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 15.6 13.0 19.6



#60
1,1,2,2-Tetrachloroethane
Concen: 4.49 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.004 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 83 Resp: 88020
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.5
131 10.2 9.2 13.8



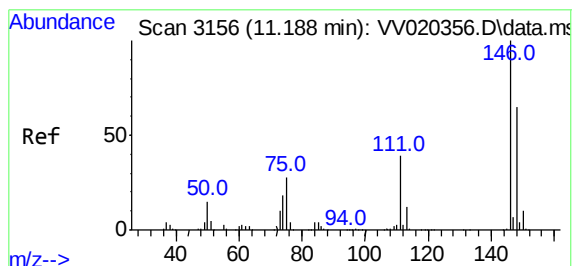
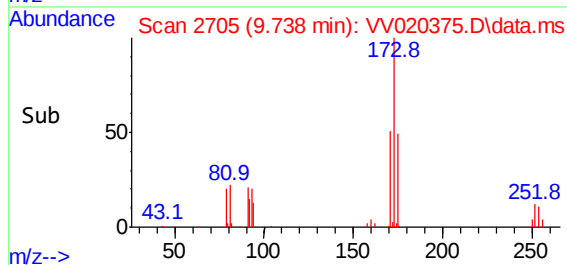
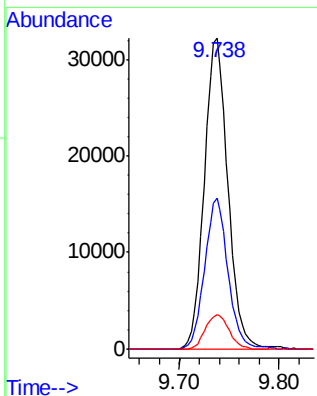
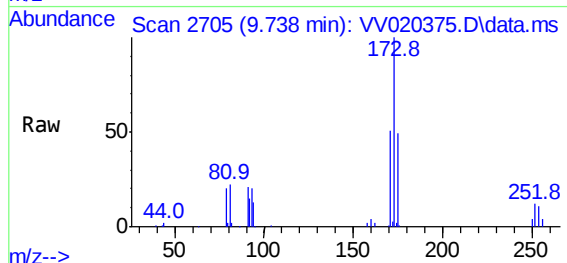


#62
Bromoform
Concen: 4.62 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

Tgt Ion:173 Resp: 52646

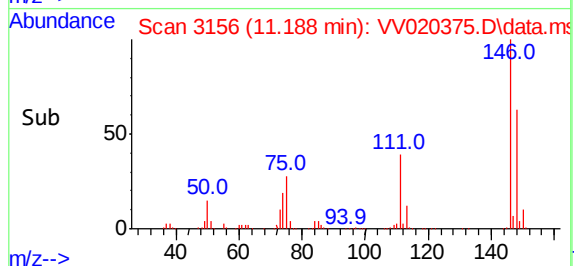
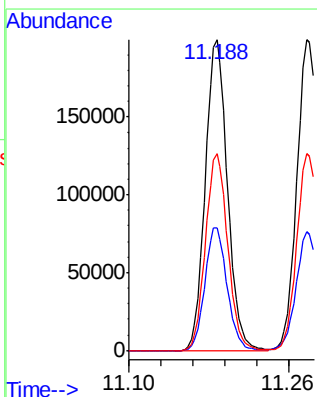
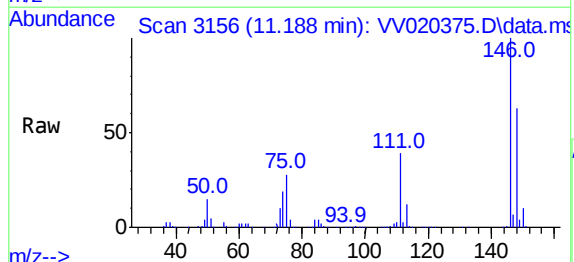
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.6	59.4
254	10.9	8.4	12.6

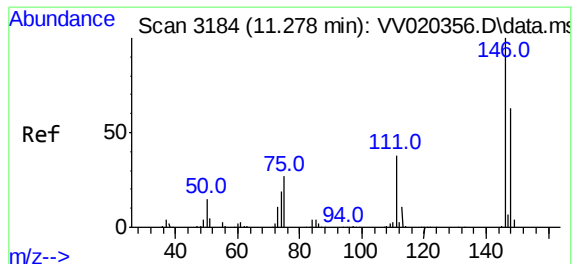


#63
1,3-Dichlorobenzene
Concen: 4.75 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion:146 Resp: 307111

Ion	Ratio	Lower	Upper
146	100		
111	39.4	27.3	50.7
148	63.3	45.6	84.6

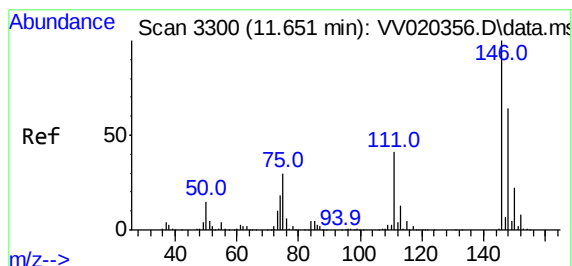
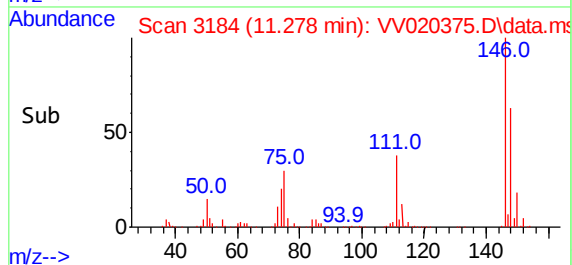
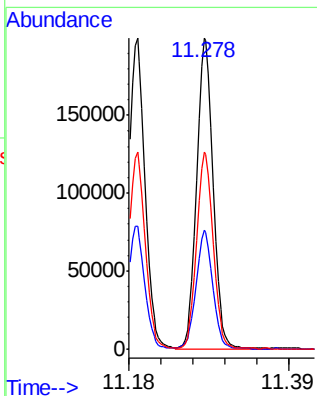
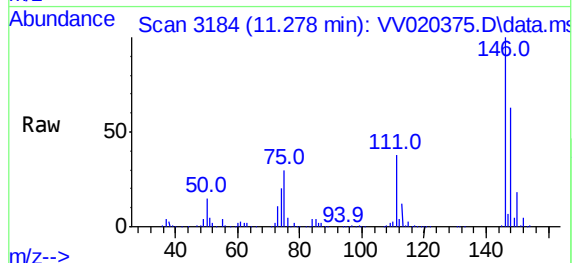




#64
1,4-Dichlorobenzene
Concen: 4.68 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

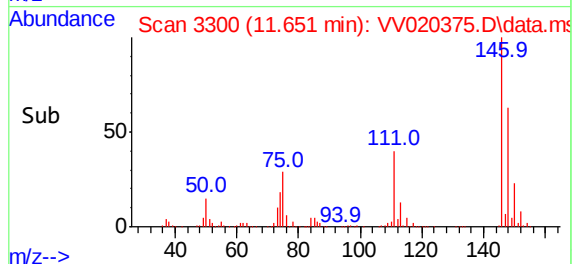
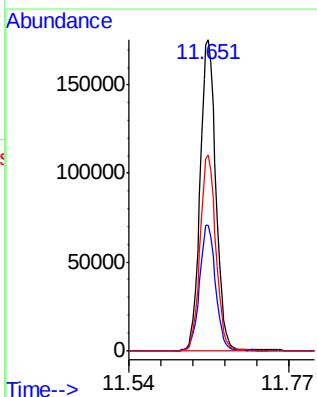
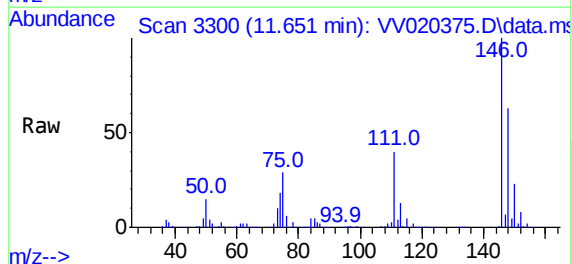
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

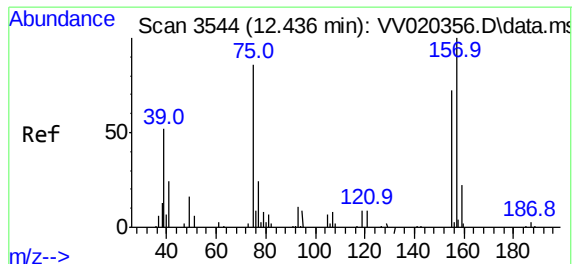
Tgt Ion:146 Resp: 307543
Ion Ratio Lower Upper
146 100
111 38.4 27.4 51.0
148 63.2 43.8 81.4



#66
1,2-Dichlorobenzene
Concen: 4.71 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion:146 Resp: 277016
Ion Ratio Lower Upper
146 100
111 40.4 33.0 49.4
148 62.8 49.9 74.9

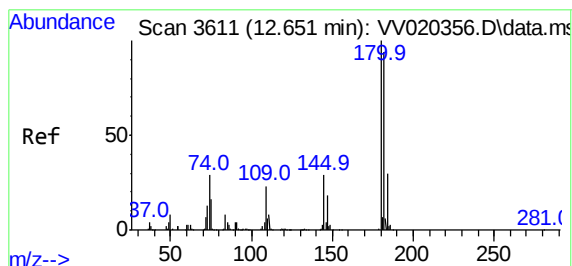
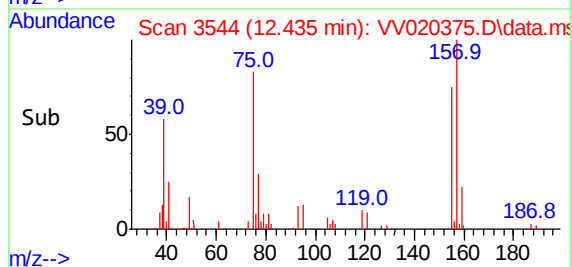
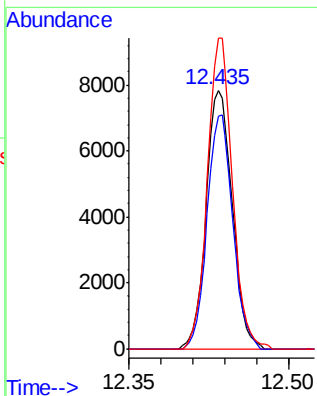
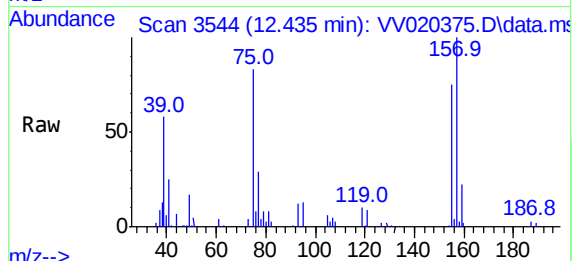




#67
1,2-Dibromo-3-chloropropane
Concen: 4.44 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

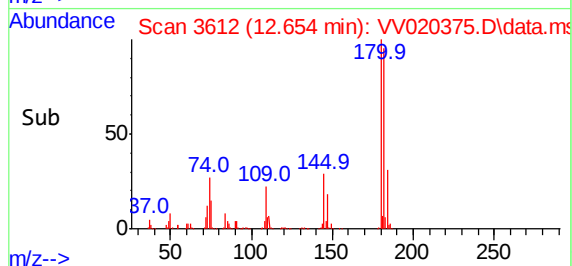
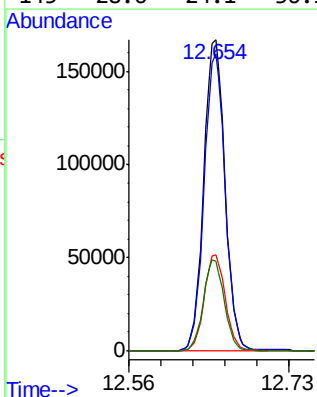
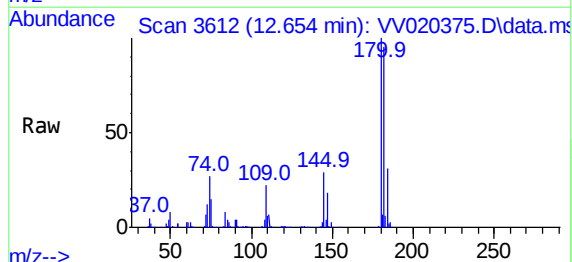
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

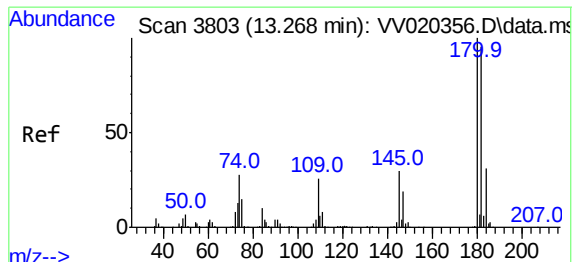
Tgt Ion: 75 Resp: 12824
Ion Ratio Lower Upper
75 100
155 90.2 68.7 103.1
157 120.2 87.8 131.8



#68
1,3,5-Trichlorobenzene
Concen: 4.84 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

Tgt Ion: 180 Resp: 253890
Ion Ratio Lower Upper
180 100
182 94.5 77.1 115.7
184 30.4 25.2 37.8
145 28.6 24.1 36.1

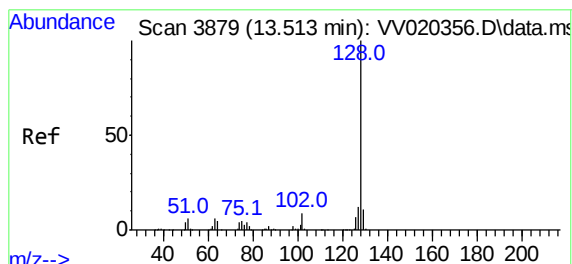
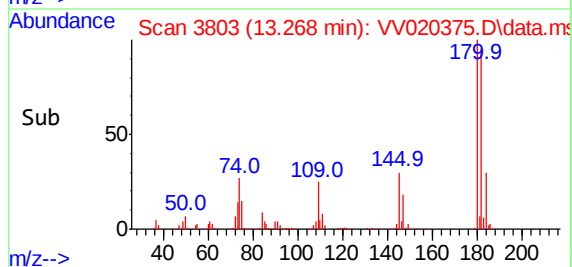
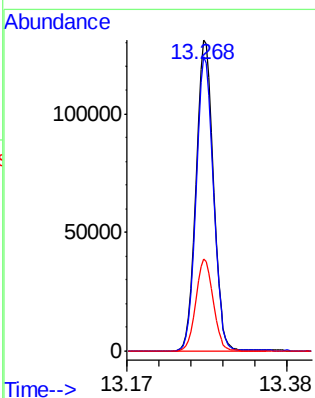
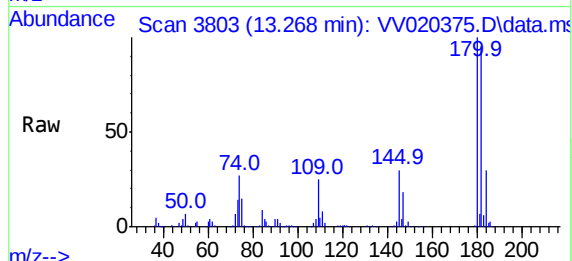




#69
1,2,4-trichlorobenzene
Concen: 4.77 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

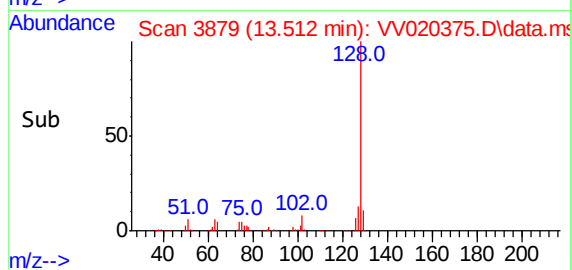
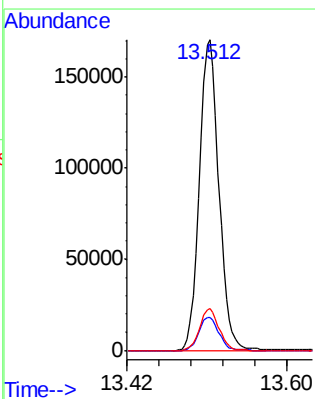
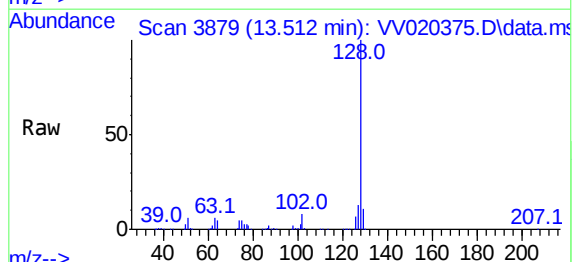
Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

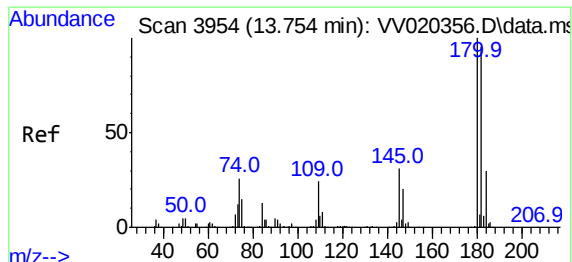
Tgt Ion:180 Resp: 199192
Ion Ratio Lower Upper
180 100
182 94.4 75.4 113.2
145 29.4 24.2 36.2



#70
Naphthalene
Concen: 4.53 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. -0.000 min
Lab File: VV020375.D
Acq: 23 Feb 2021 09:36

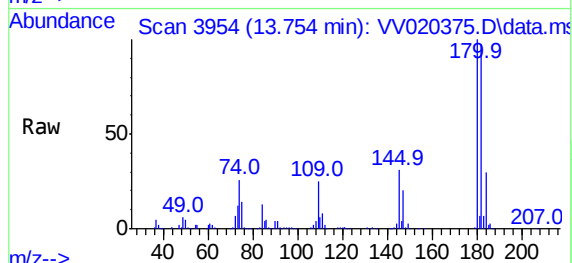
Tgt Ion:128 Resp: 263259
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 11.0 16.6





#71
 1,2,3-Trichlorobenzene
 Concen: 4.75 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. -0.000 min
 Lab File: VV020375.D
 Acq: 23 Feb 2021 09:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539



Tgt Ion:180 Resp: 172695

Ion	Ratio	Lower	Upper
180	100		
182	96.7	74.2	111.4
145	30.3	26.0	39.0

