

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043293.D
 Acq On : 23 Apr 2021 15:58
 Operator : SY/MD
 Sample : M2124-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MS

Quant Time: Apr 24 06:32:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	104680	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	104012	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56825	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25966	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.919	69	22161	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.575	65	16717	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.60%
20) 2-Butanone-d5	4.652	46	127512	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	5.073	84	71265	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.710	65	42322	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.735	84	121685	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.700	67	40801	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.906	98	114324	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.185	79	16174	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.642	63	79393	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35850	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	45396	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1199	0.18	ug/L	97
5) Vinyl chloride	1.610	62	1199	0.17	ug/L	# 1
6) Bromomethane	1.864	94	1504	0.37	ug/L	85
8) Chloroethane	1.938	64	9282	1.87	ug/L	# 59
9) Trichlorofluoromethane	2.144	101	13713	1.07	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	14156	2.05	ug/L	93
12) 1,1-Dichloroethene	2.588	96	8437	1.45	ug/L	# 1
13) Acetone	2.668	43	86220	50.26	ug/L	# 65
14) Carbon disulfide	2.803	76	6279	0.42	ug/L	# 94
15) Methyl Acetate	2.967	43	15036	4.66	ug/L	# 87
16) Methylene chloride	3.054	84	20145	2.68	ug/L	84
17) Methyl tert-butyl Ether	3.375	73	69928	3.68	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	12947	2.09	ug/L	89
19) 1,1-Dichloroethane	3.880	63	46411	3.44	ug/L	98
21) 2-Butanone	4.729	43	143592	50.72	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	27427	3.73	ug/L	81
23) Bromochloromethane	4.983	128	12386	3.70	ug/L	# 71
25) Chloroform	5.099	83	61477	4.27	ug/L	96
27) 1,2-Dichloroethane	5.803	62	43287	4.10	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043293.D
 Acq On : 23 Apr 2021 15:58
 Operator : SY/MD
 Sample : M2124-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MS

Quant Time: Apr 24 06:32:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

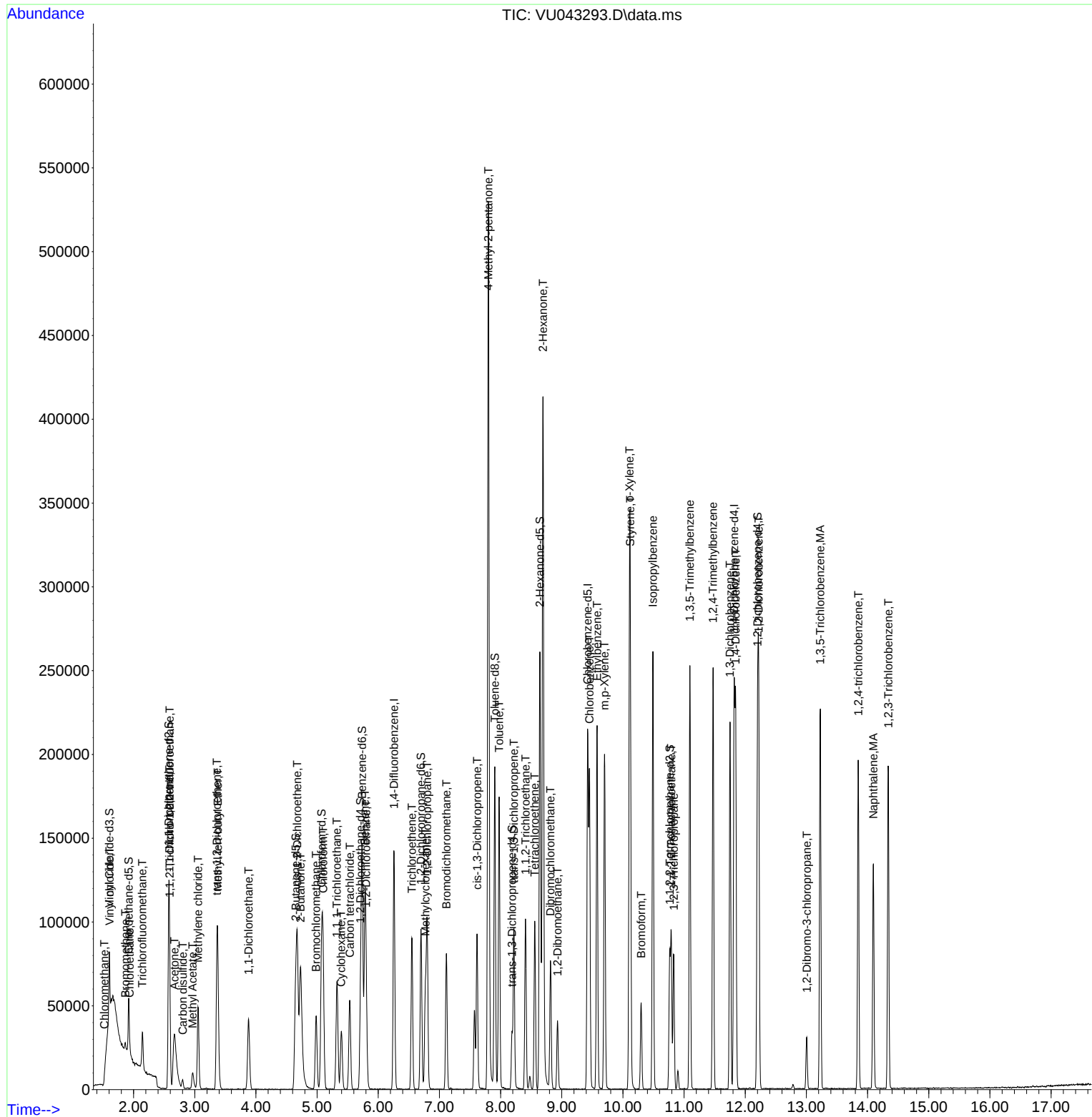
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	44664	3.48	ug/L #	94
30) Cyclohexane	5.395	56	15326	1.39	ug/L	88
31) Carbon tetrachloride	5.536	117	34067	3.18	ug/L	99
33) Benzene	5.784	78	89873	3.23	ug/L	100
34) Trichloroethene	6.549	95	28913	3.77	ug/L	94
35) Methylcyclohexane	6.771	83	18983	1.79	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	32939	4.21	ug/L	99
38) Bromodichloromethane	7.115	83	48766	4.64	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	46117	4.03	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	369745	52.78	ug/L #	82
42) Toluene	7.976	91	115774	3.72	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	47123	4.37	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	29239	5.00	ug/L	96
47) Tetrachloroethene	8.558	164	20966	3.45	ug/L	94
48) 2-Hexanone	8.694	43	288186	55.91	ug/L #	84
49) Dibromochloromethane	8.816	129	36046	4.88	ug/L	93
50) 1,2-Dibromoethane	8.931	107	24467	4.20	ug/L	97
51) Chlorobenzene	9.452	112	86898	4.38	ug/L	95
52) Ethylbenzene	9.578	91	140899	3.96	ug/L	97
53) m,p-Xylene	9.700	106	52238	4.01	ug/L	93
54) o-Xylene	10.108	106	54114	4.20	ug/L	94
55) Styrene	10.121	104	98119	4.44	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	40972	5.33	ug/L	98
59) Bromoform	10.298	173	22107	4.76	ug/L	99
60) Isopropylbenzene	10.491	105	154112	4.23	ug/L #	96
61) 1,2,3-Trichloropropane	10.832	75	31100	5.30	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	125360	4.20	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	129510	4.22	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	80533	4.65	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	82487	4.70	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	82340	4.90	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.005	75	7197	5.04	ug/L	92
69) 1,3,5-Trichlorobenzene	13.227	180	65763	4.63	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	56557	4.81	ug/L	99
71) Naphthalene	14.095	128	101991	5.14	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	55304	5.13	ug/L	99

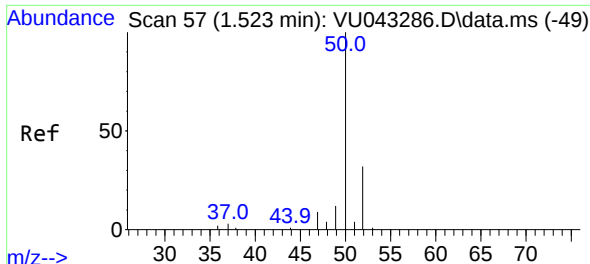
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
Data File : VU043293.D
Acq On : 23 Apr 2021 15:58
Operator : SY/MD
Sample : M2124-13MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Quant Time: Apr 24 06:32:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 24 06:31:00 2021
Response via : Initial Calibration

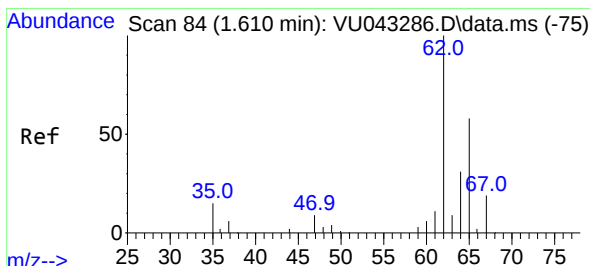
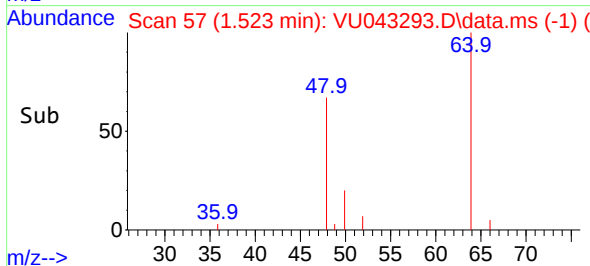
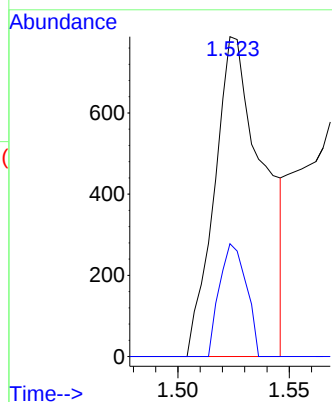
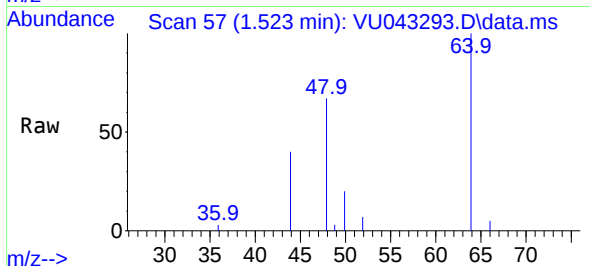




#3
Chloromethane
Concen: 0.18 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

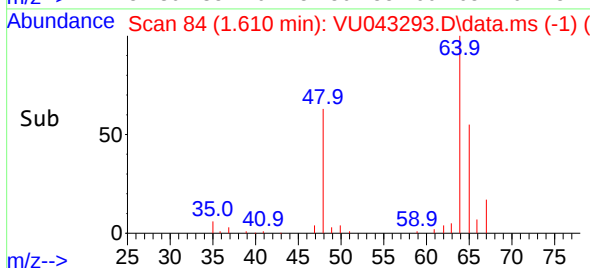
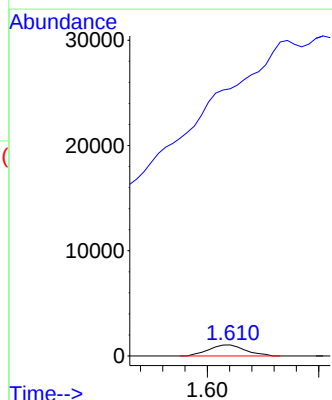
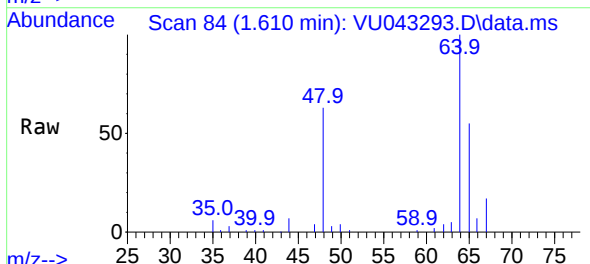
Instrument :
MSVOA_U
ClientSampled :
H4511MS

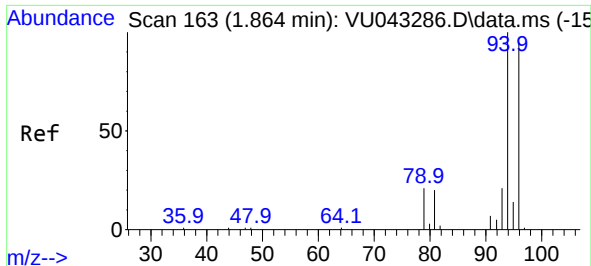
Tgt Ion: 50 Resp: 1199
Ion Ratio Lower Upper
50 100
52 35.3 23.6 43.8



#5
Vinyl chloride
Concen: 0.17 ug/L
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 62 Resp: 1199
Ion Ratio Lower Upper
62 100
64 2413.7 22.8 42.4#

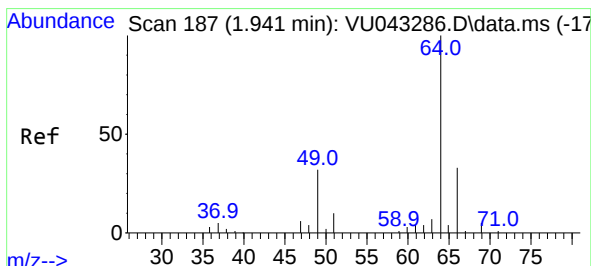
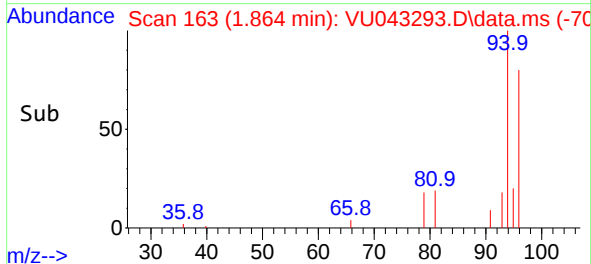
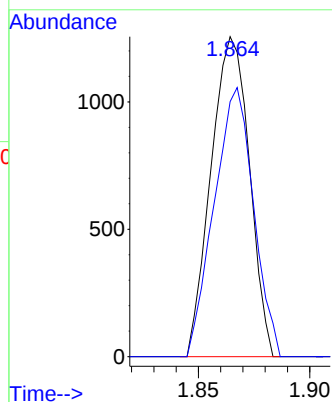
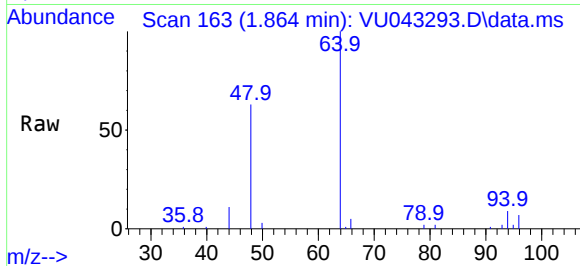




#6
Bromomethane
Concen: 0.37 ug/L
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

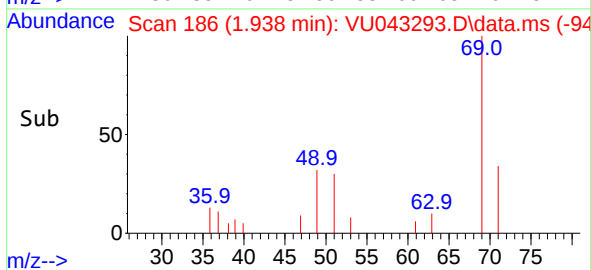
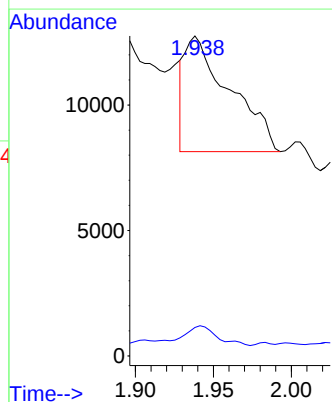
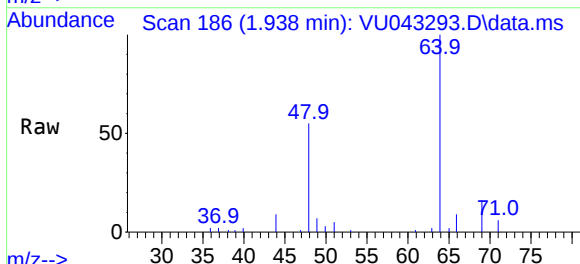
Instrument :
MSVOA_U
ClientSampled :
H4511MS

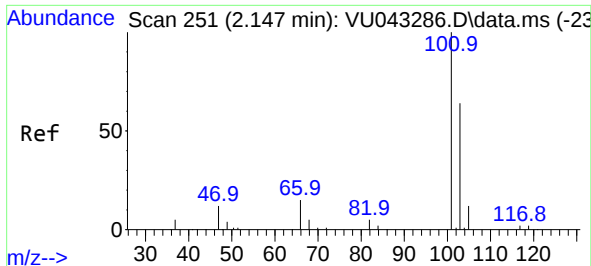
Tgt Ion: 94 Resp: 1504
Ion Ratio Lower Upper
94 100
96 79.7 66.1 122.7



#8
Chloroethane
Concen: 1.87 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 64 Resp: 9282
Ion Ratio Lower Upper
64 100
66 8.9 22.4 41.6#

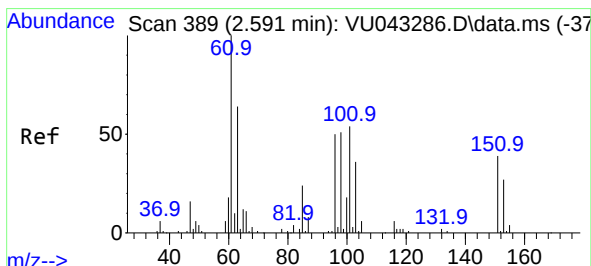
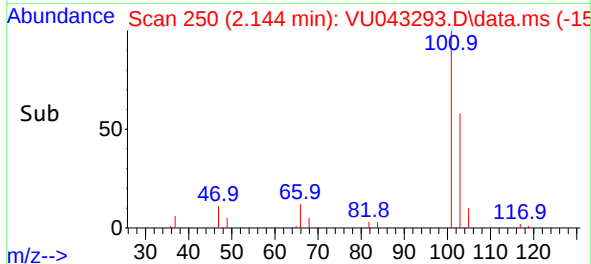
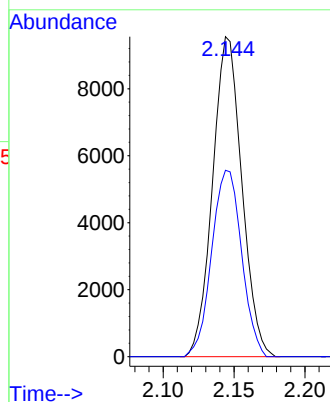
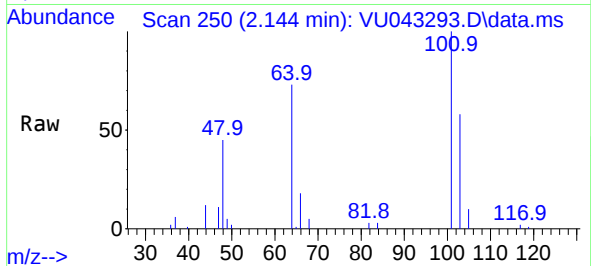




#9
Trichlorofluoromethane
Concen: 1.07 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

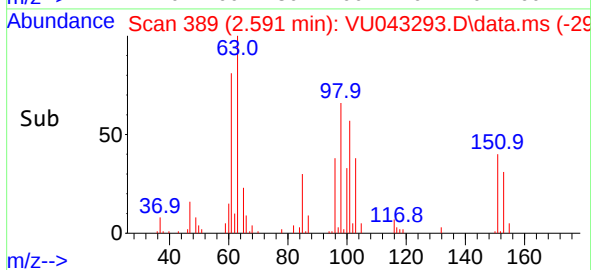
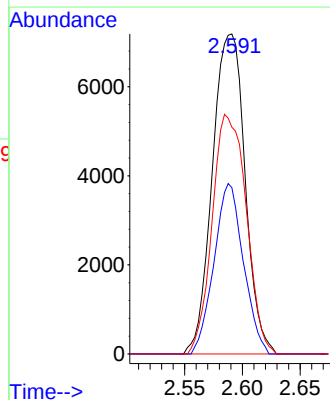
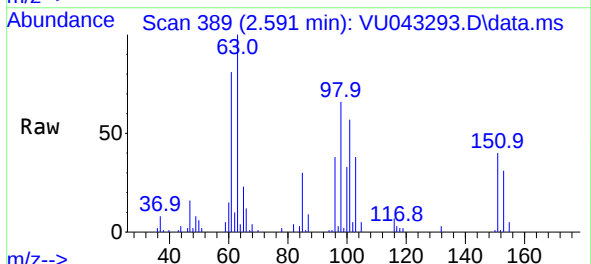
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

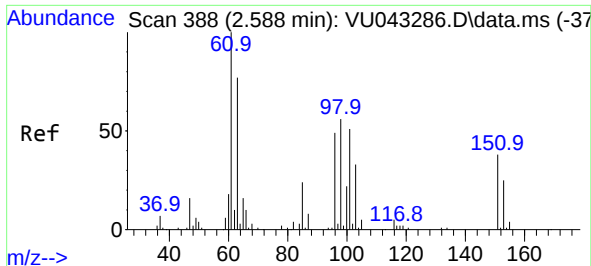
Tgt Ion:101 Resp: 13713
Ion Ratio Lower Upper
101 100
103 59.4 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.05 ug/L
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:101 Resp: 14156
Ion Ratio Lower Upper
101 100
85 47.8 34.5 51.7
151 77.8 57.4 86.2





#12

1,1-Dichloroethene

Concen: 1.45 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Tgt Ion: 96 Resp: 8437

Ion Ratio Lower Upper

96 100

61 227.5 115.1 213.7#

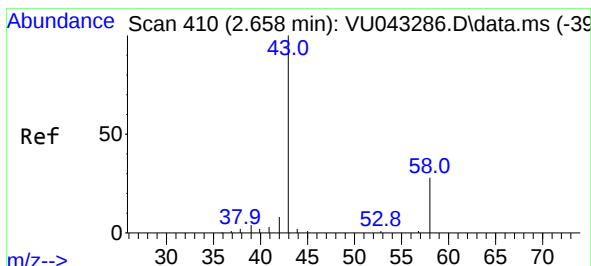
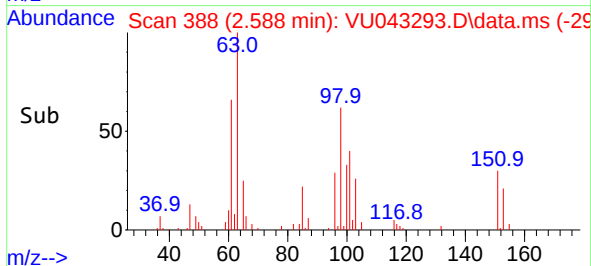
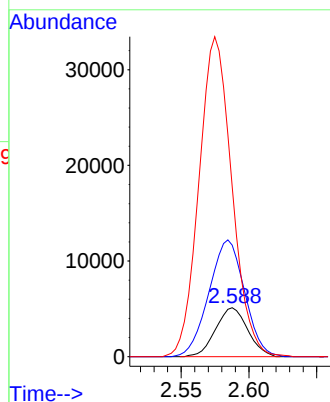
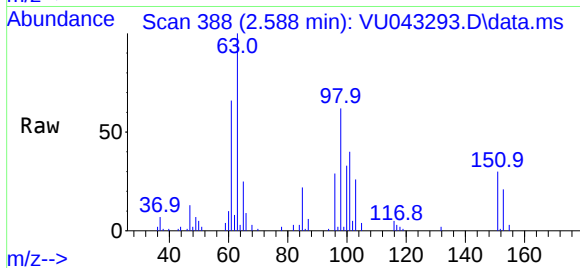
63 346.9 84.1 156.1#

Instrument :

MSVOA_U

ClientSampleId :

H4511MS



#13

Acetone

Concen: 50.26 ug/L

RT: 2.668 min Scan# 413

Delta R.T. 0.010 min

Lab File: VU043293.D

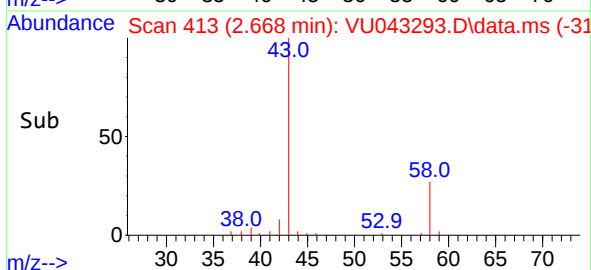
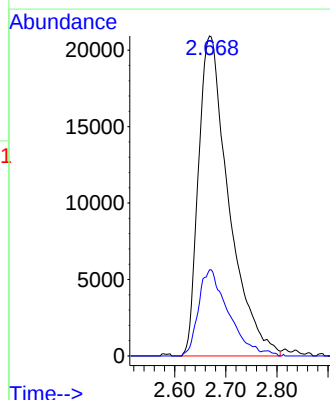
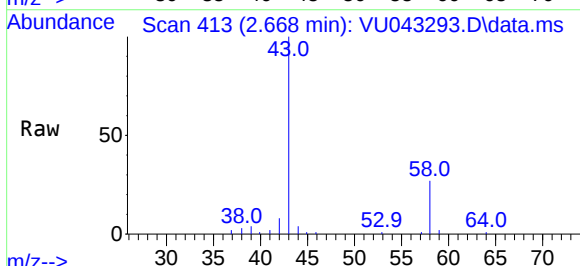
Acq: 23 Apr 2021 15:58

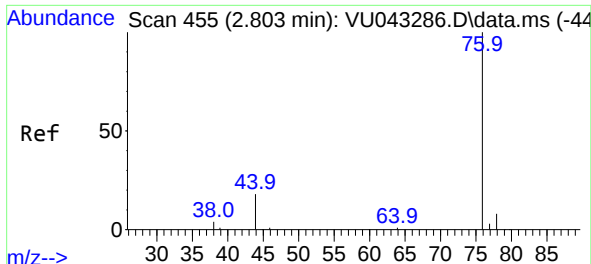
Tgt Ion: 43 Resp: 86220

Ion Ratio Lower Upper

43 100

58 26.2 0.0 25.0#

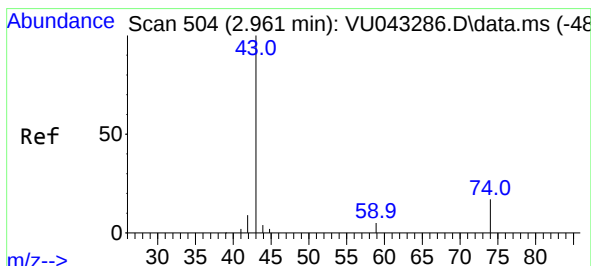
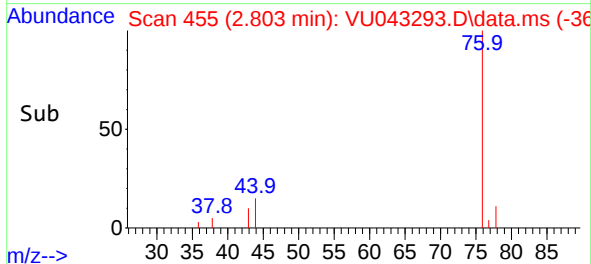
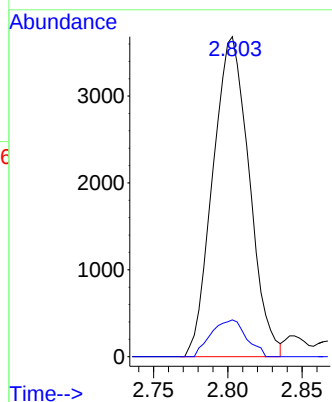
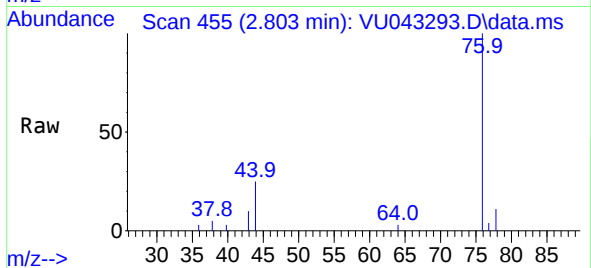




#14
Carbon disulfide
Concen: 0.42 ug/L
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

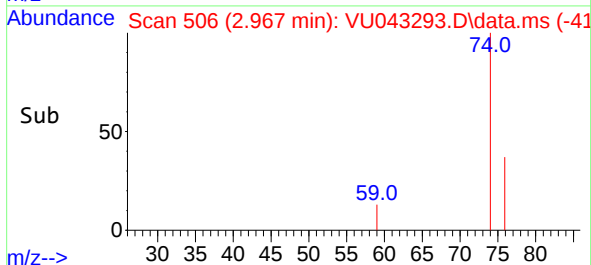
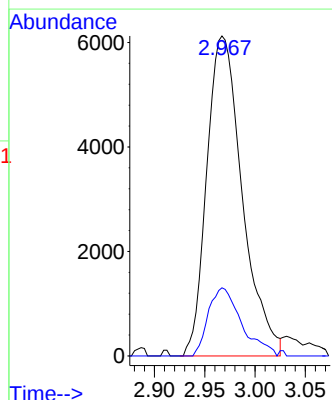
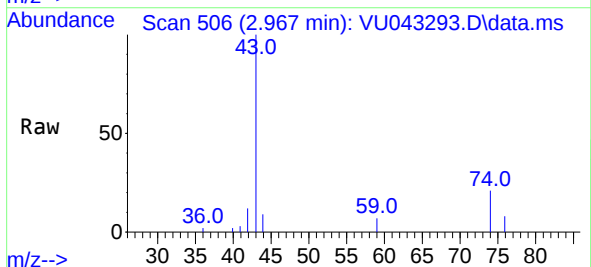
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

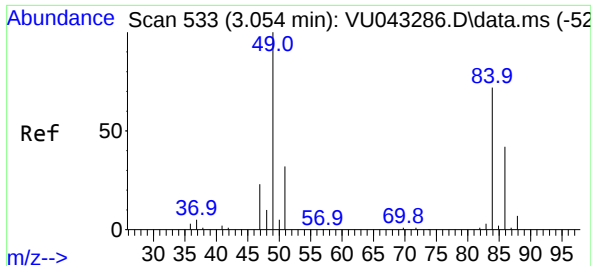
Tgt Ion: 76 Resp: 6279
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#



#15
Methyl Acetate
Concen: 4.66 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 43 Resp: 15036
Ion Ratio Lower Upper
43 100
74 19.9 21.5 32.3#



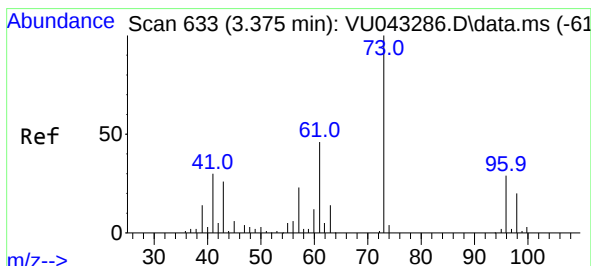
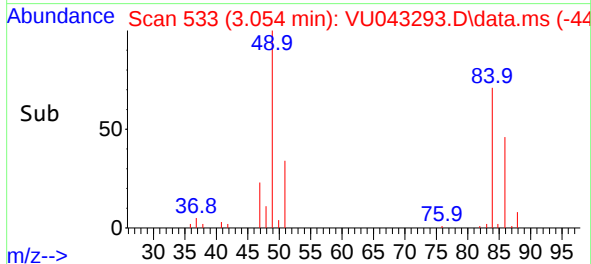
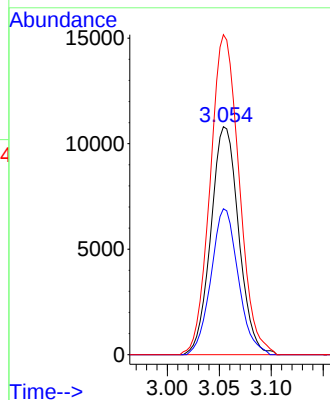
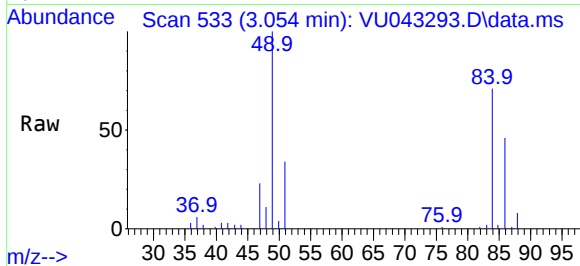


#16
Methylene chloride
Concen: 2.68 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Tgt Ion: 84 Resp: 20145

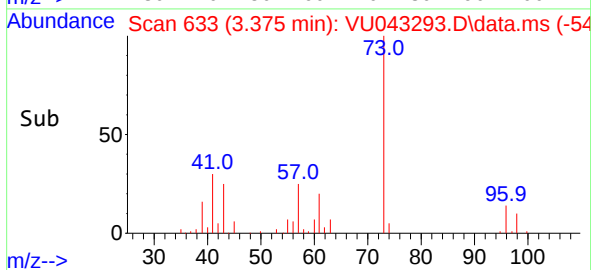
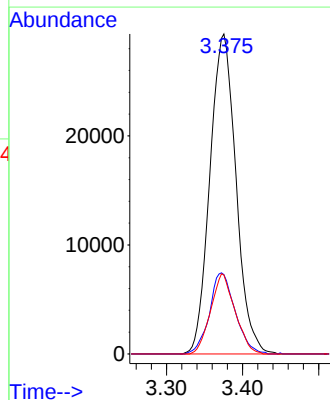
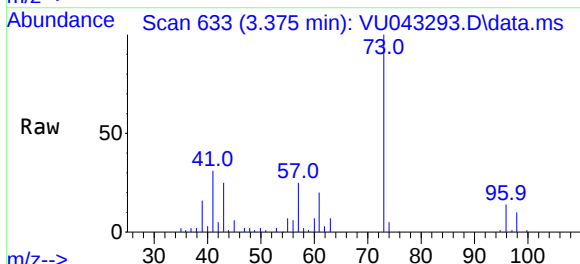
Ion	Ratio	Lower	Upper
84	100		
86	64.0	44.9	83.5
49	140.4	79.0	146.8

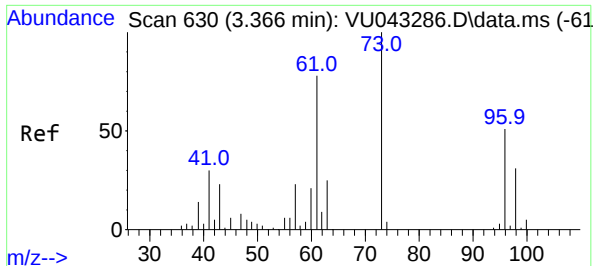


#17
Methyl tert-butyl Ether
Concen: 3.68 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 73 Resp: 69928

Ion	Ratio	Lower	Upper
73	100		
43	25.0	15.0	22.4#
57	23.4	17.3	25.9



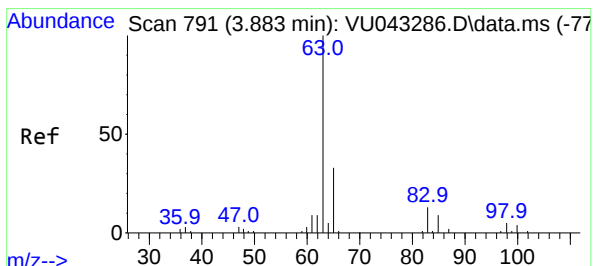
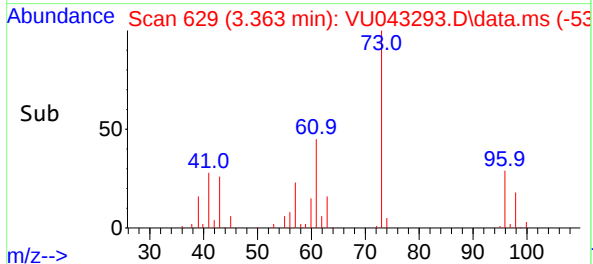
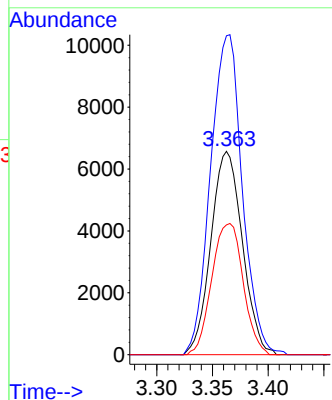
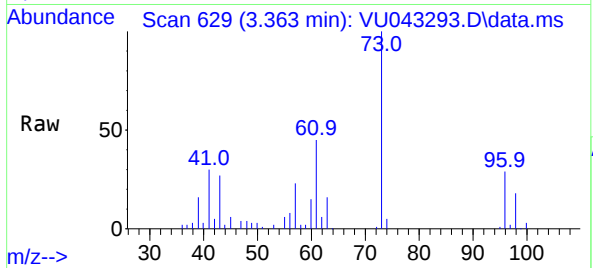


#18
trans-1,2-Dichloroethene
Concen: 2.09 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Tgt Ion: 96 Resp: 12947

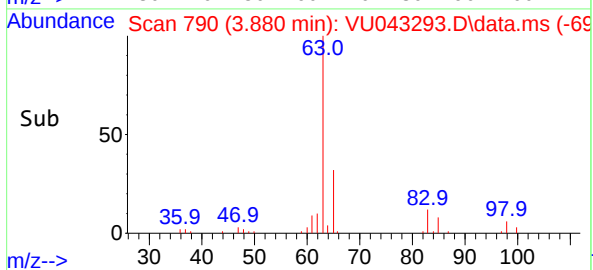
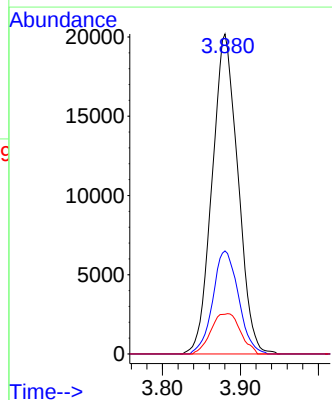
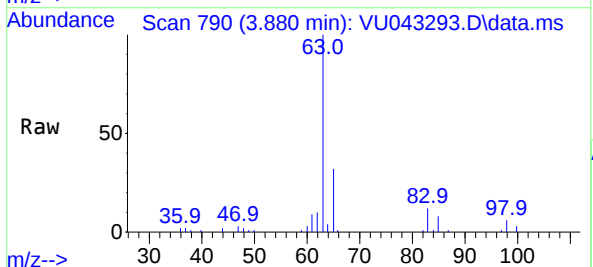
Ion	Ratio	Lower	Upper
96	100		
61	156.8	96.6	179.4
98	63.8	44.7	82.9

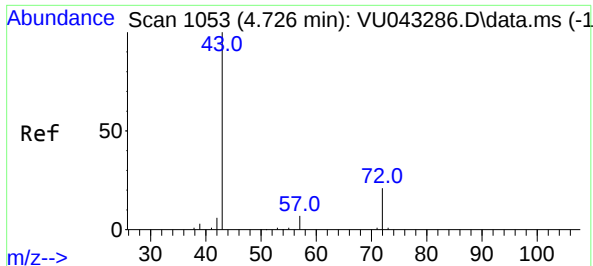


#19
1,1-Dichloroethane
Concen: 3.44 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 63 Resp: 46411

Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.2	43.0
83	12.4	9.9	18.3

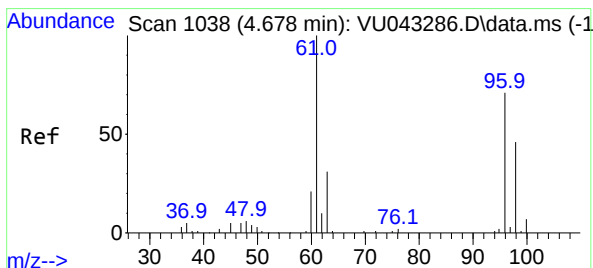
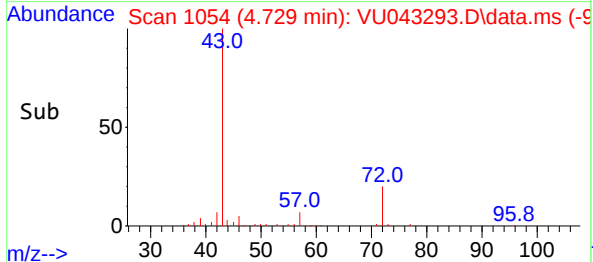
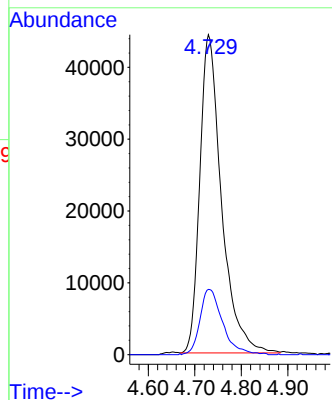
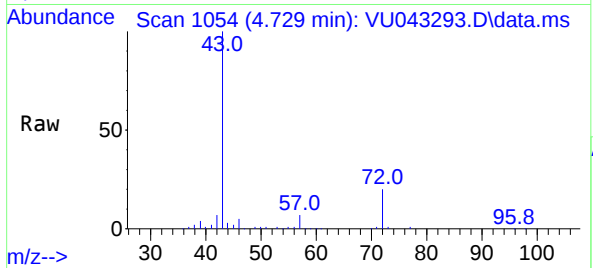




#21
2-Butanone
Concen: 50.72 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

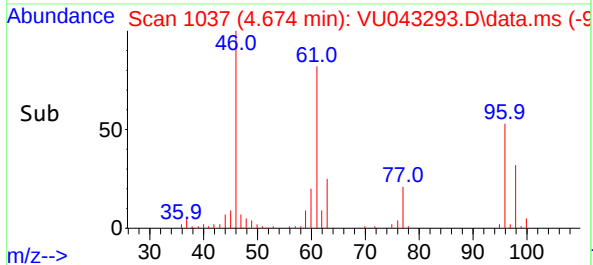
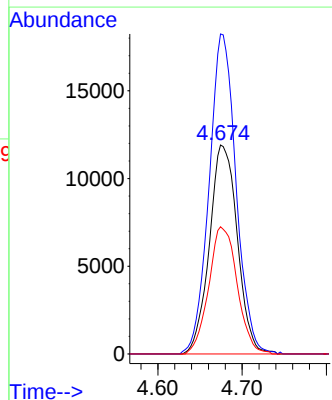
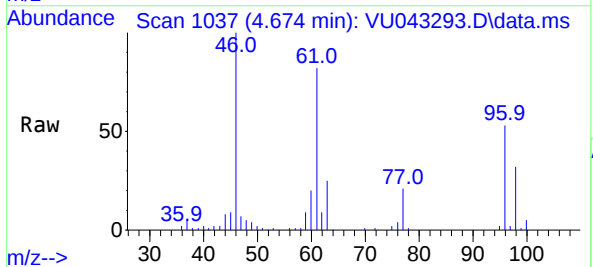
Instrument :
MSVOA_U
ClientSampled :
H4511MS

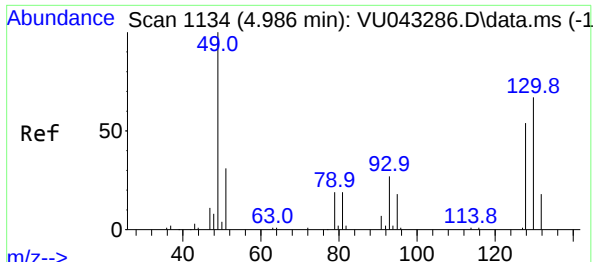
Tgt Ion: 43 Resp: 143592
Ion Ratio Lower Upper
43 100
72 21.3 15.8 47.3



#22
cis-1,2-Dichloroethene
Concen: 3.73 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 96 Resp: 27427
Ion Ratio Lower Upper
96 100
61 153.1 87.4 162.4
98 60.8 47.7 88.5



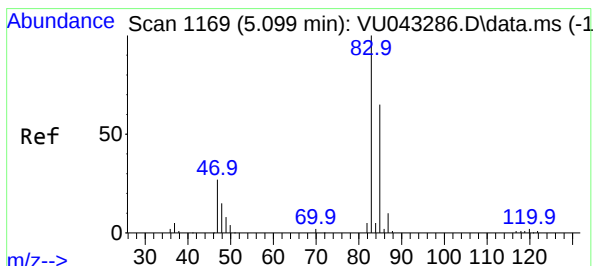
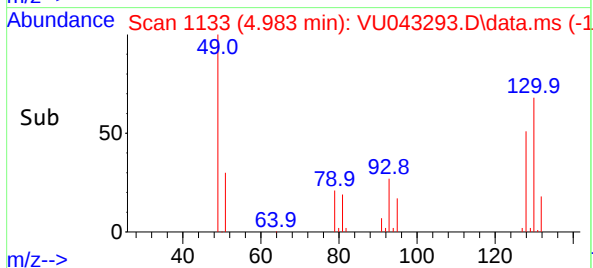
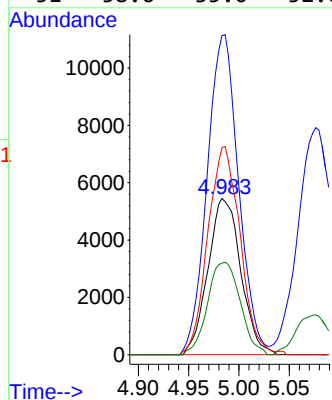
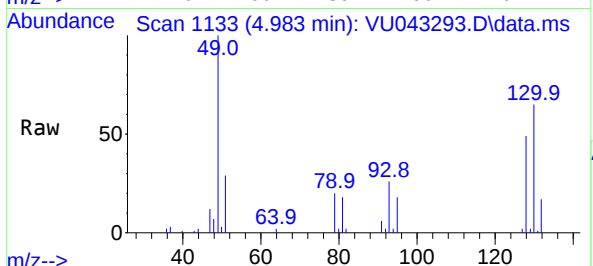


#23
Bromochloromethane
Concen: 3.70 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampled :
H4511MS

Tgt Ion:128 Resp: 12386

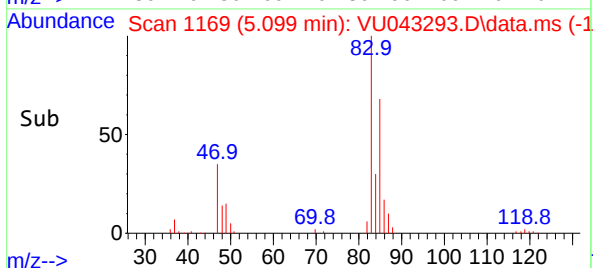
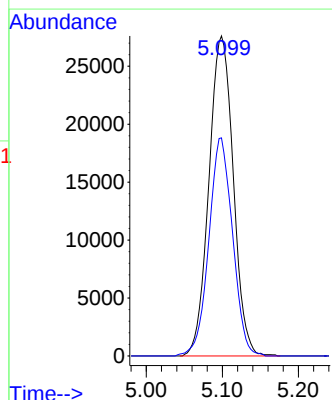
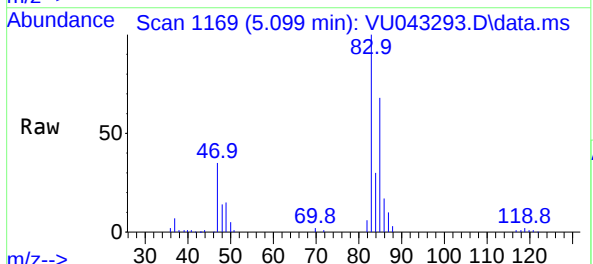
Ion	Ratio	Lower	Upper
128	100		
49	204.4	96.4	179.0#
130	132.7	91.2	169.4
51	58.6	35.0	52.6#

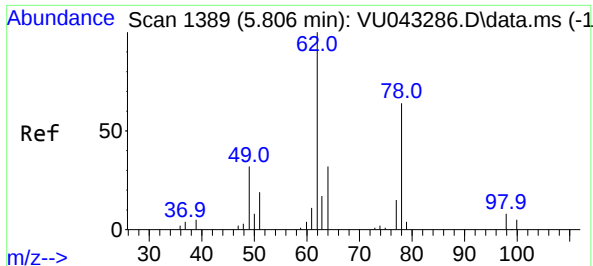


#25
Chloroform
Concen: 4.27 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 83 Resp: 61477

Ion	Ratio	Lower	Upper
83	100		
85	68.1	45.6	84.8

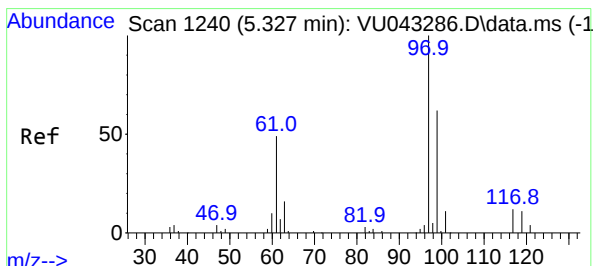
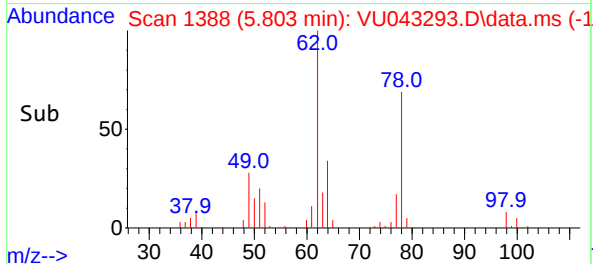
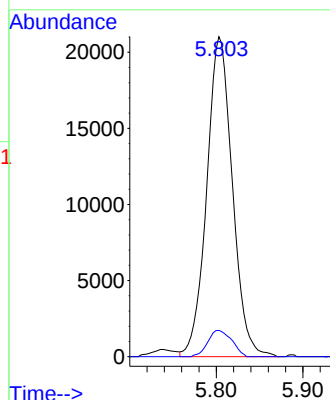
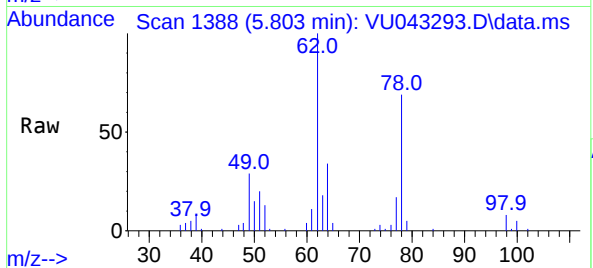




#27
1,2-Dichloroethane
Concen: 4.10 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

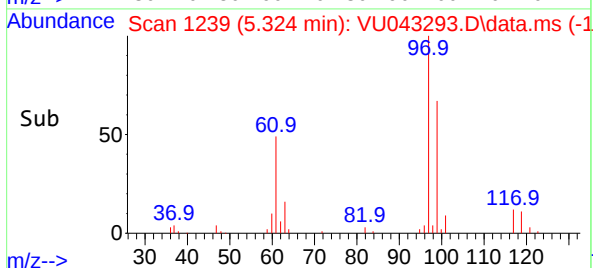
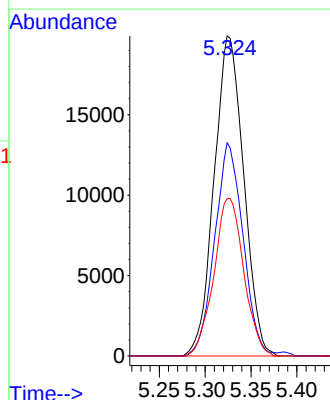
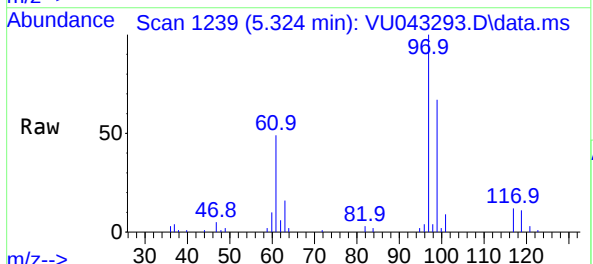
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

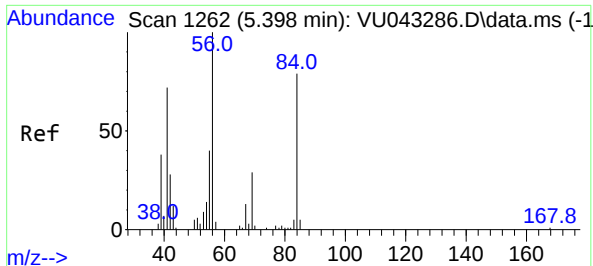
Tgt Ion: 62 Resp: 43287
Ion Ratio Lower Upper
62 100
98 8.2 7.5 11.3



#29
1,1,1-Trichloroethane
Concen: 3.48 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 97 Resp: 44664
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 49.6 32.7 49.1#





#30

Cyclohexane

Concen: 1.39 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

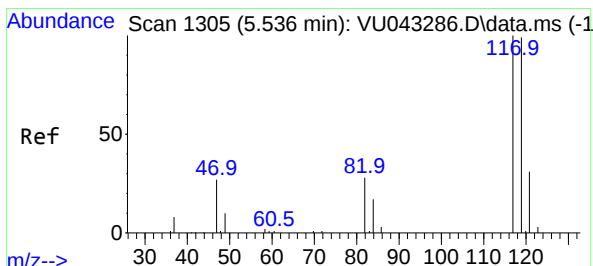
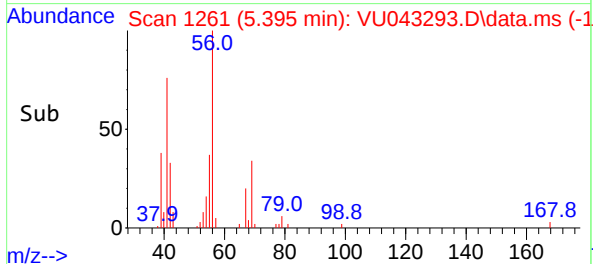
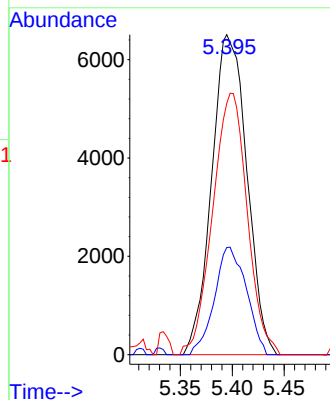
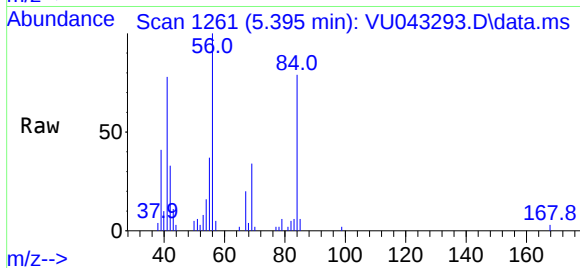
Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampled :
H4511MS

Tgt Ion: 56 Resp: 15326

Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.2	37.8
84	80.1	76.2	114.4



#31

Carbon tetrachloride

Concen: 3.18 ug/L

RT: 5.536 min Scan# 1305

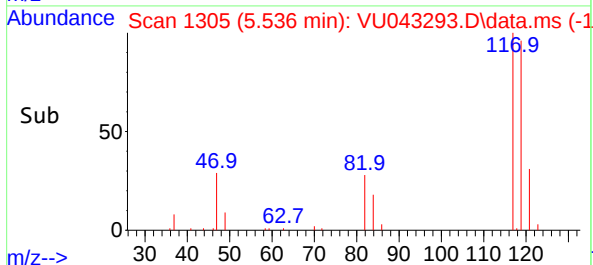
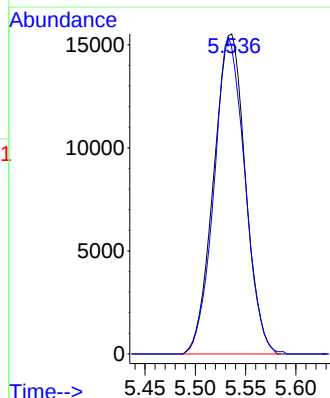
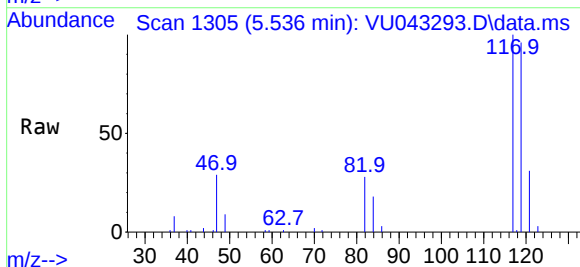
Delta R.T. -0.000 min

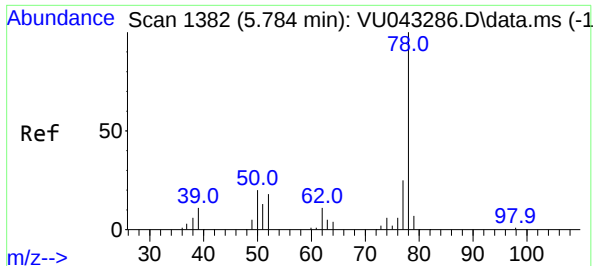
Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Tgt Ion: 117 Resp: 34067

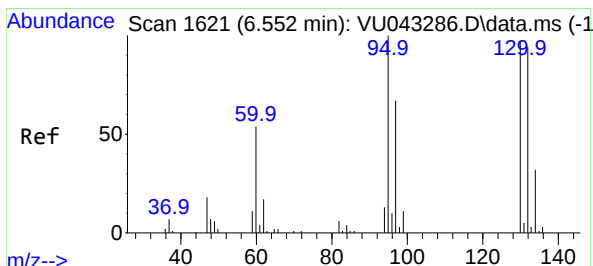
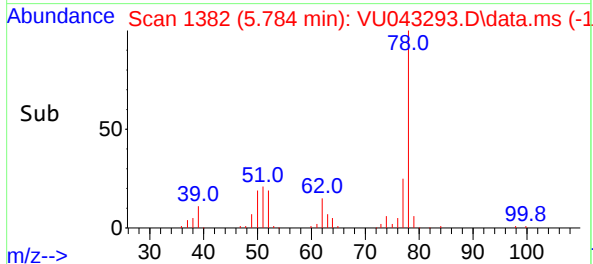
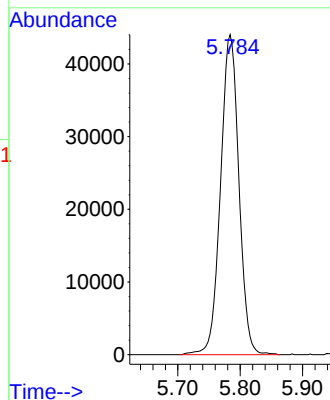
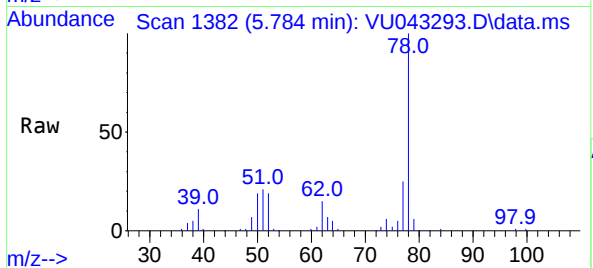
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.2	114.4





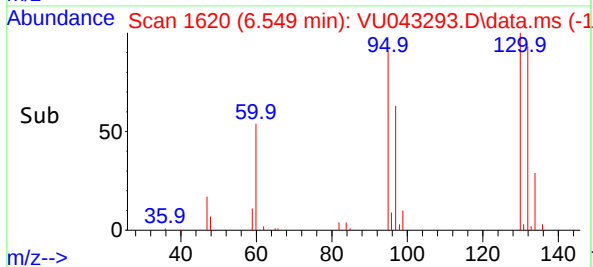
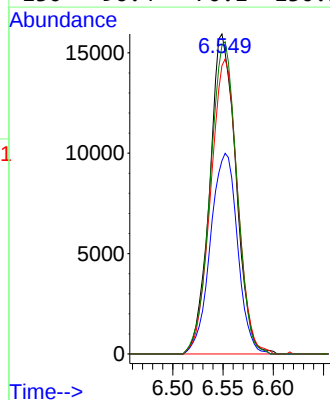
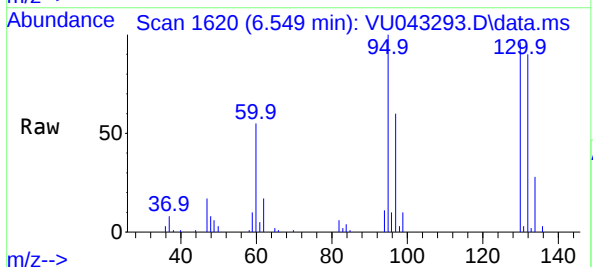
#33
Benzene
Concen: 3.23 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58
Tgt Ion: 78 Resp: 89873

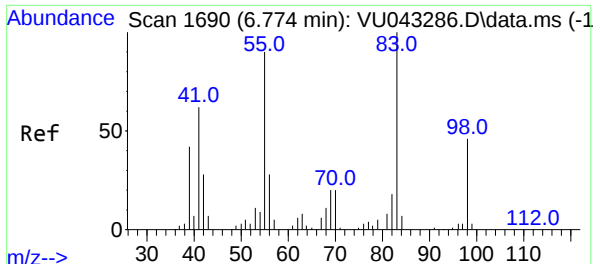
Instrument :
MSVOA_U
ClientSampleId :
H4511MS



#34
Trichloroethene
Concen: 3.77 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58
Tgt Ion: 95 Resp: 28913

Ion	Ratio	Lower	Upper
95	100		
97	60.4	45.8	85.2
132	90.1	68.7	127.7
130	96.4	70.1	130.3





#35

Methylcyclohexane

Concen: 1.79 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

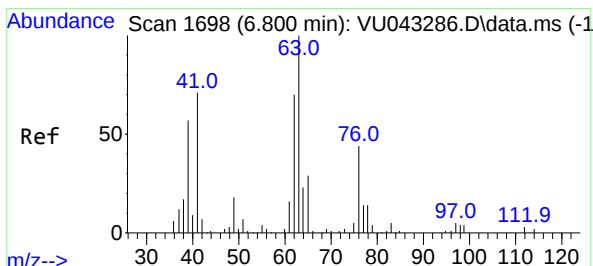
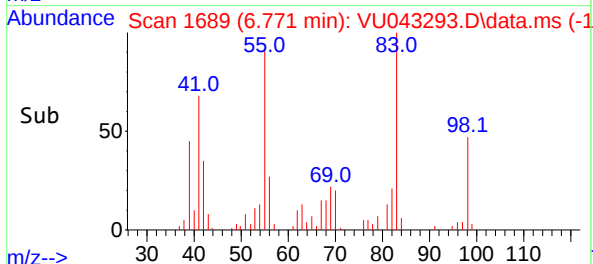
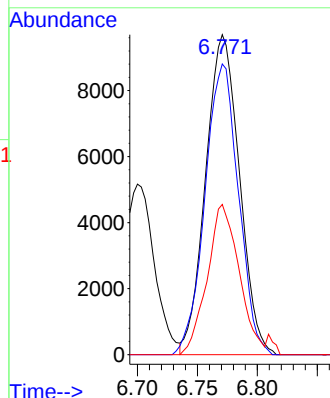
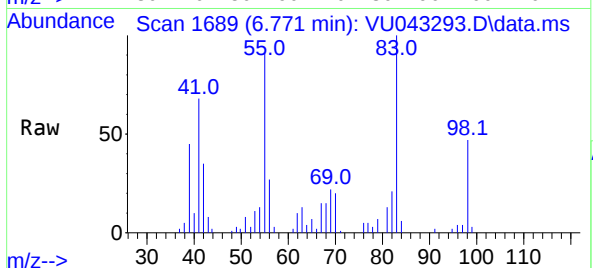
Instrument :

MSVOA_U

ClientSampleId :

H4511MS

Tgt Ion:	83	Resp:	18983
Ion	Ratio	Lower	Upper
83	100		
55	90.2	59.5	89.3#
98	44.3	37.9	56.9



#37

1,2-Dichloropropane

Concen: 4.21 ug/L

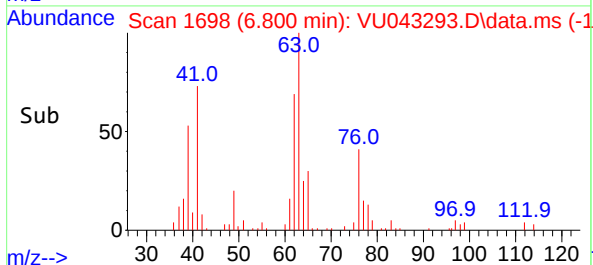
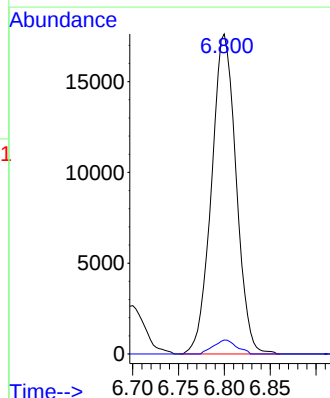
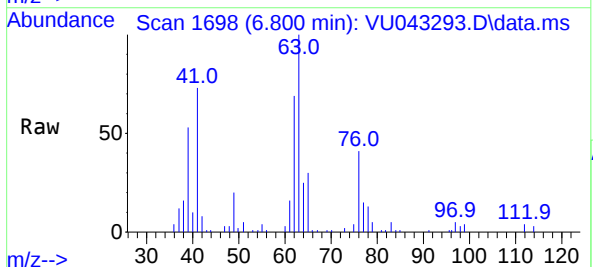
RT: 6.800 min Scan# 1698

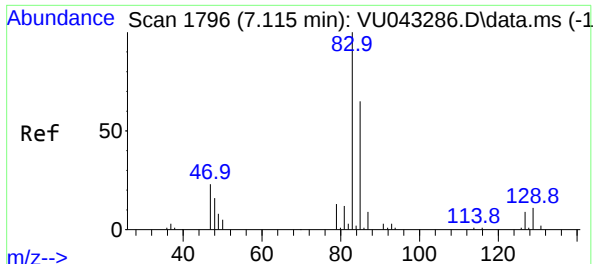
Delta R.T. -0.000 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Tgt Ion:	63	Resp:	32939
Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.5	5.3

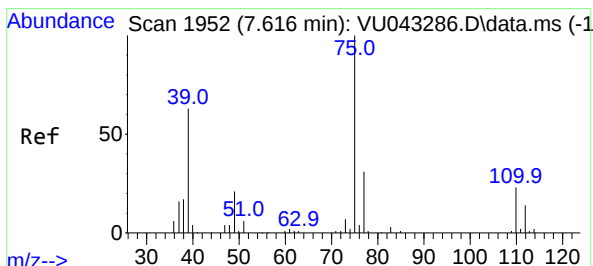
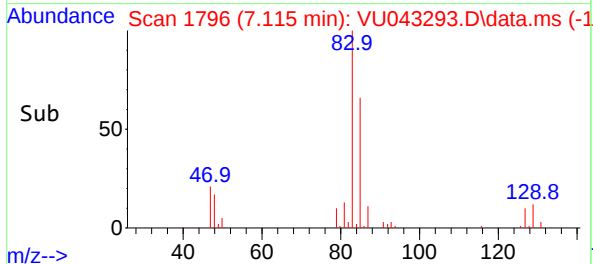
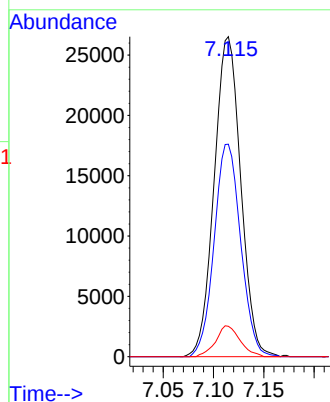
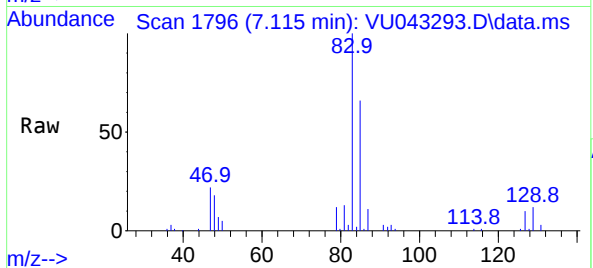




#38
Bromodichloromethane
Concen: 4.64 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

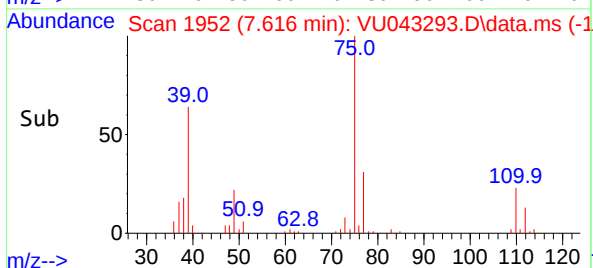
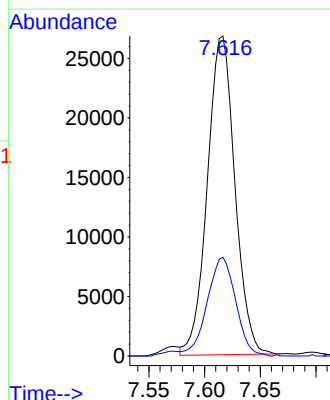
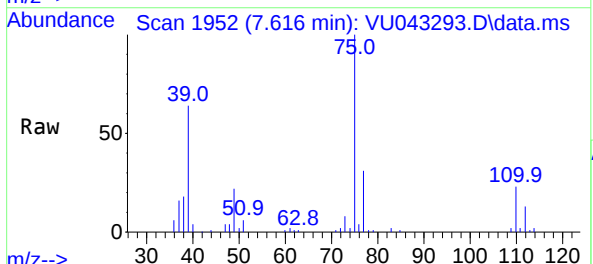
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

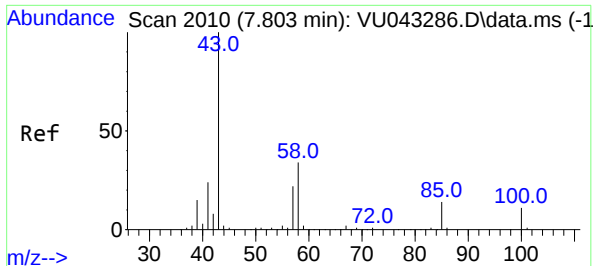
Tgt Ion: 83 Resp: 48766
Ion Ratio Lower Upper
83 100
85 66.4 44.6 82.8
127 9.5 7.4 11.2



#39
cis-1,3-Dichloropropene
Concen: 4.03 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 75 Resp: 46117
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 52.78 ug/L

RT: 7.800 min Scan# 2009

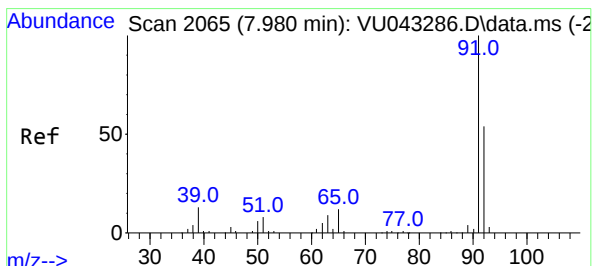
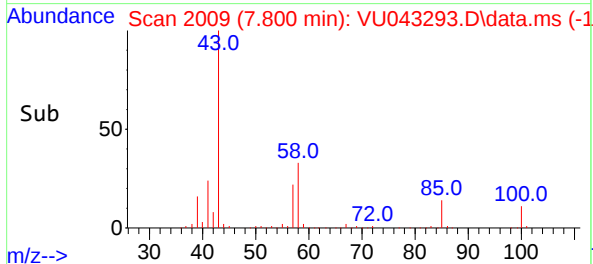
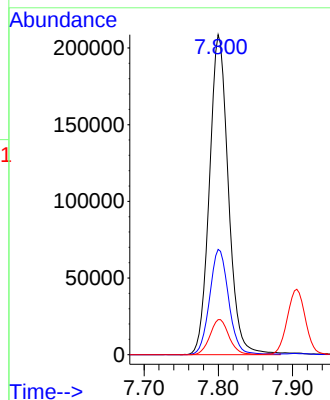
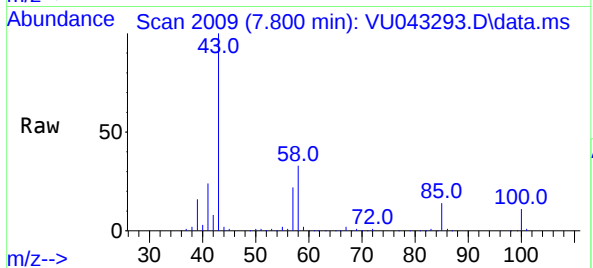
Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Tgt Ion:	43	Resp:	369745
Ion	Ratio	Lower	Upper
43	100		
58	33.0	35.8	53.6#
100	11.0	15.1	22.7#

Instrument :
MSVOA_U
ClientSampleId :
H4511MS



#42

Toluene

Concen: 3.72 ug/L

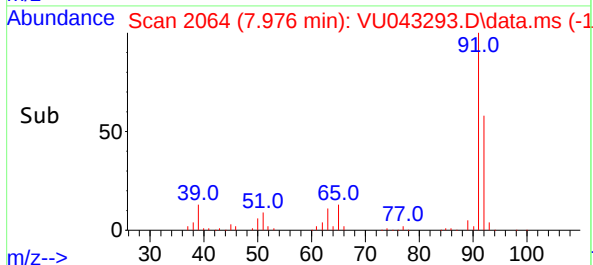
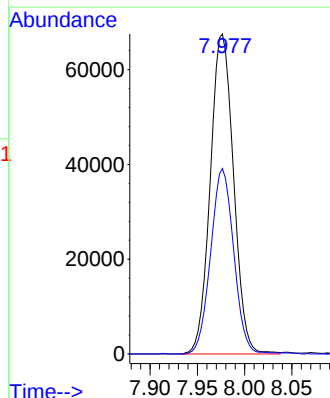
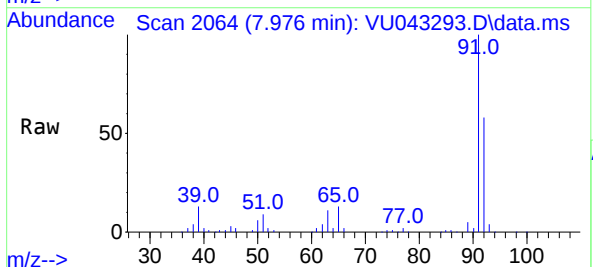
RT: 7.976 min Scan# 2064

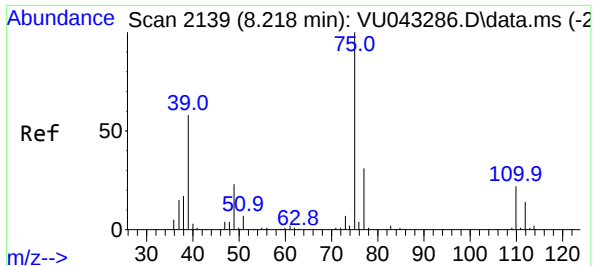
Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Tgt Ion:	91	Resp:	115774
Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.9	76.0

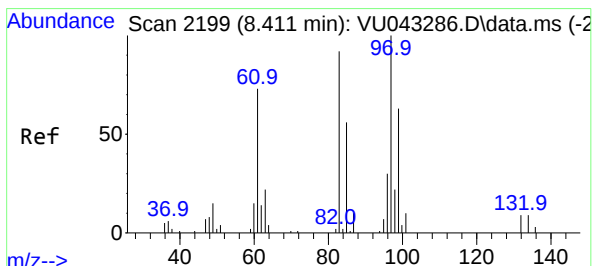
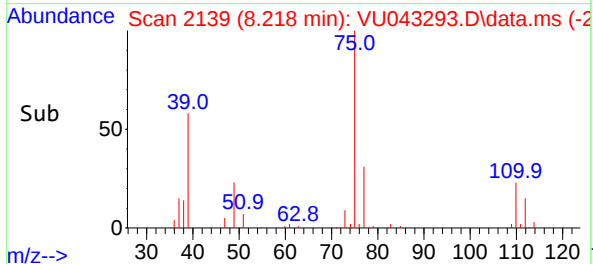
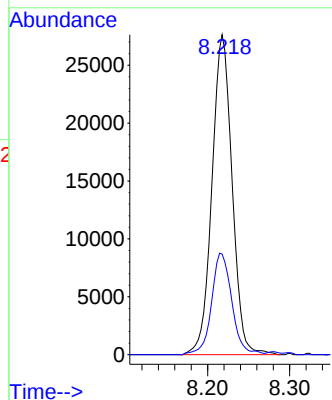
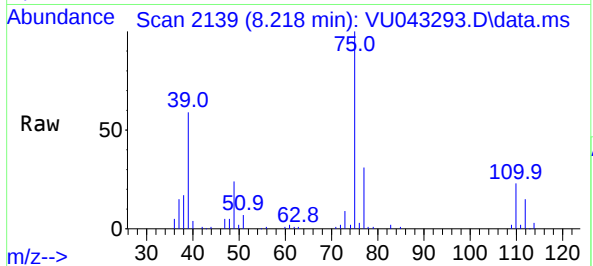




#44
trans-1,3-Dichloropropene
Concen: 4.37 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

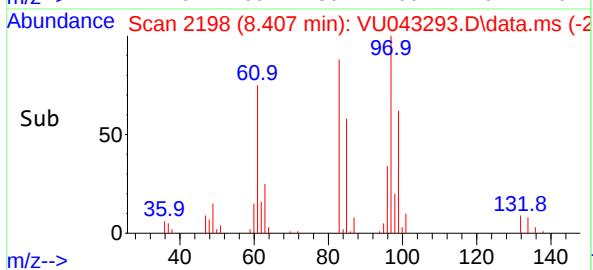
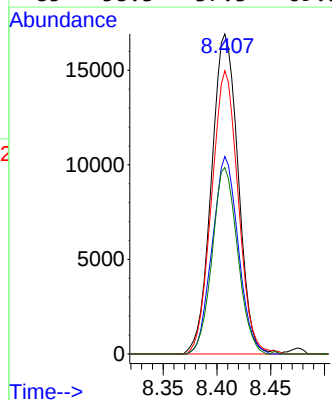
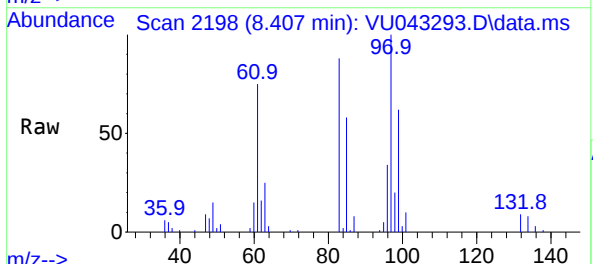
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

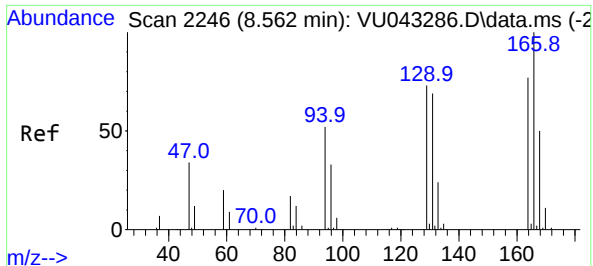
Tgt Ion: 75 Resp: 47123
Ion Ratio Lower Upper
75 100
77 31.4 23.4 43.4



#45
1,1,2-Trichloroethane
Concen: 5.00 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 97 Resp: 29239
Ion Ratio Lower Upper
97 100
99 61.7 44.2 82.0
83 88.5 60.1 111.7
85 58.3 37.3 69.3



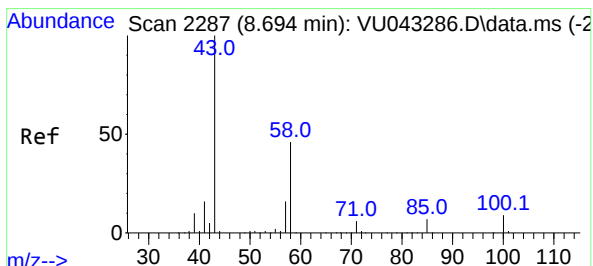
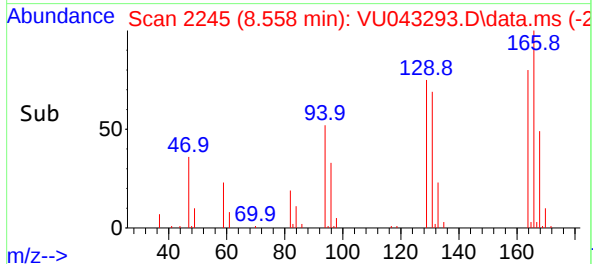
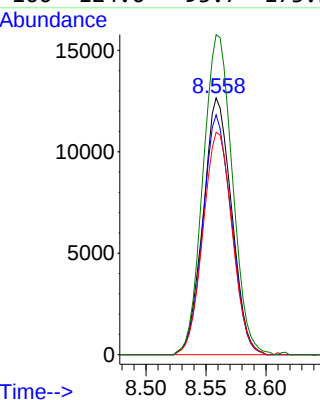
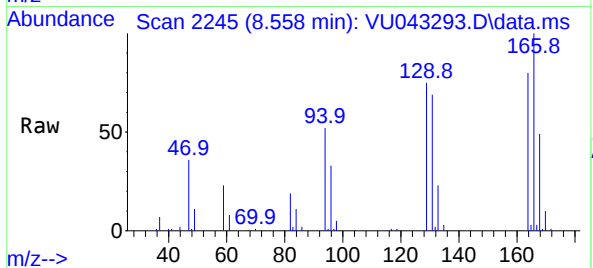


#47
Tetrachloroethene
Concen: 3.45 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Tgt Ion:164 Resp: 20966

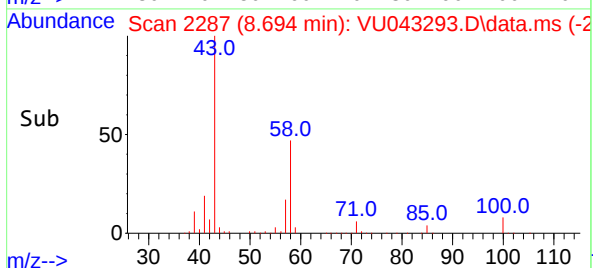
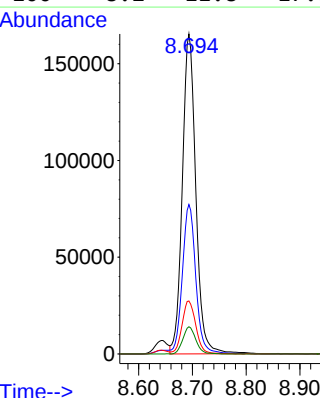
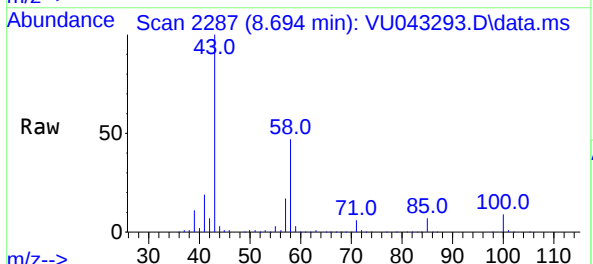
Ion	Ratio	Lower	Upper
164	100		
129	93.4	66.6	123.8
131	86.6	65.9	122.3
166	124.6	93.7	173.9

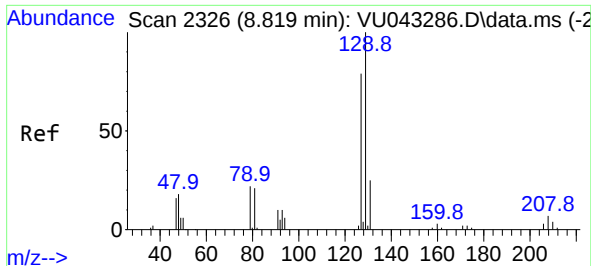


#48
2-Hexanone
Concen: 55.91 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 43 Resp: 288186

Ion	Ratio	Lower	Upper
43	100		
58	47.9	50.0	75.0#
57	17.1	17.4	26.0#
100	8.2	11.8	17.8#





#49

Dibromochloromethane

Concen: 4.88 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

Tgt Ion:129 Resp: 36046

Ion Ratio Lower Upper

129 100

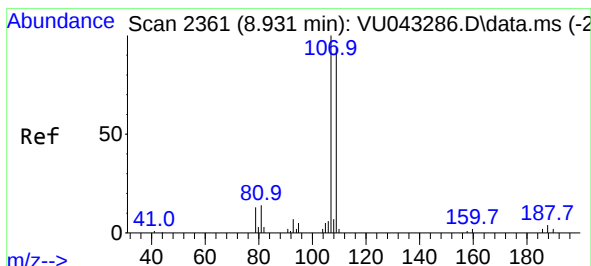
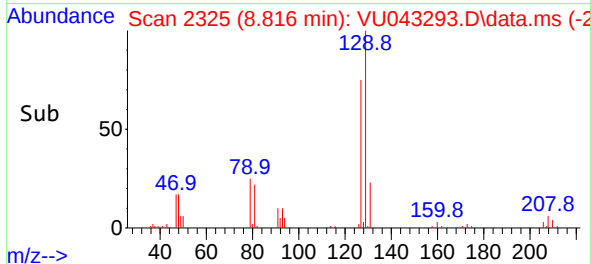
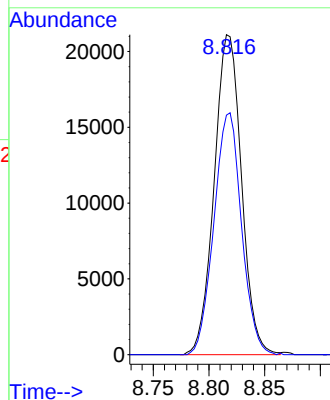
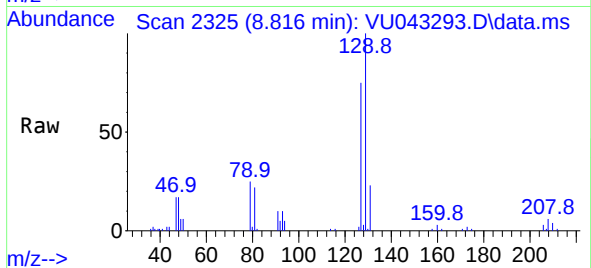
127 74.9 56.6 105.2

Instrument :

MSVOA_U

ClientSampleId :

H4511MS



#50

1,2-Dibromoethane

Concen: 4.20 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043293.D

Acq: 23 Apr 2021 15:58

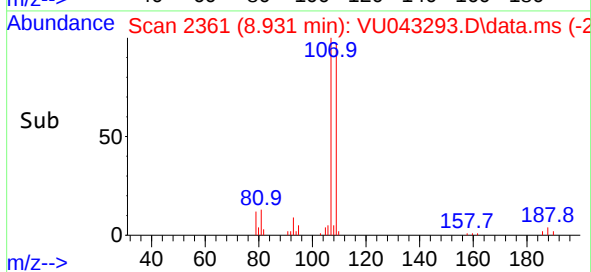
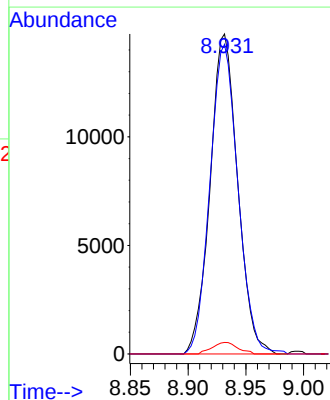
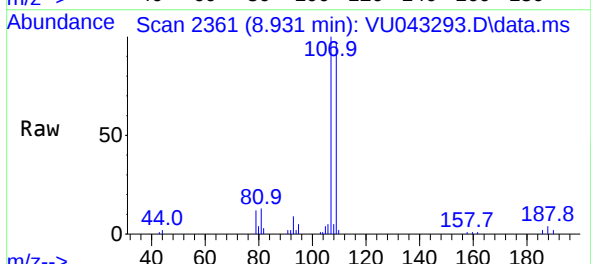
Tgt Ion:107 Resp: 24467

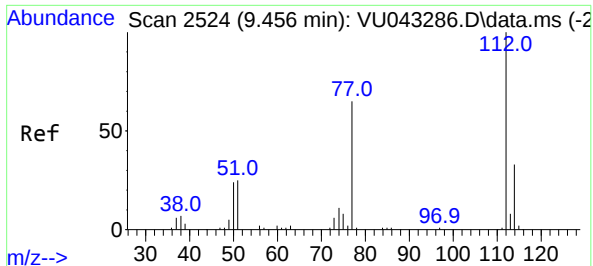
Ion Ratio Lower Upper

107 100

109 96.8 65.4 121.4

188 3.6 2.5 3.7



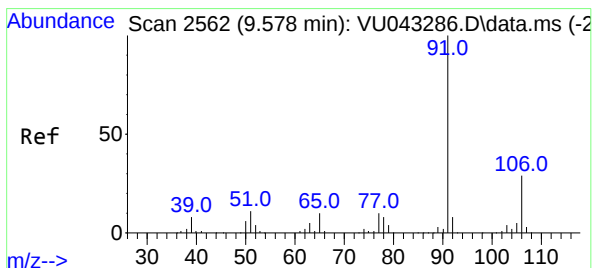
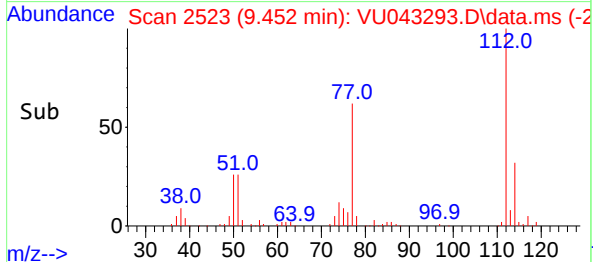
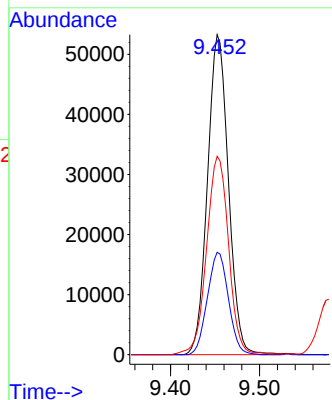
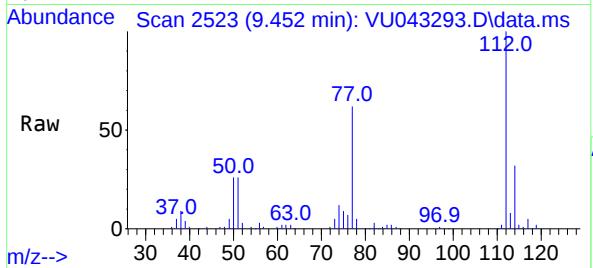


#51
Chlorobenzene
Concen: 4.38 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Tgt Ion:112 Resp: 86898

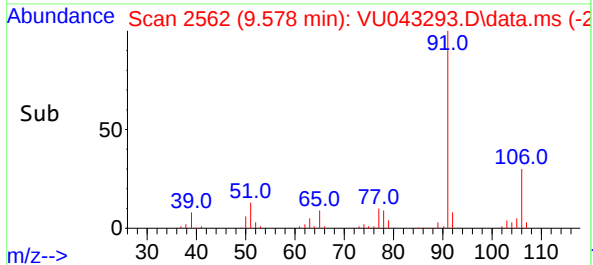
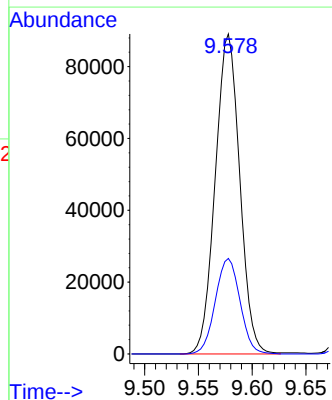
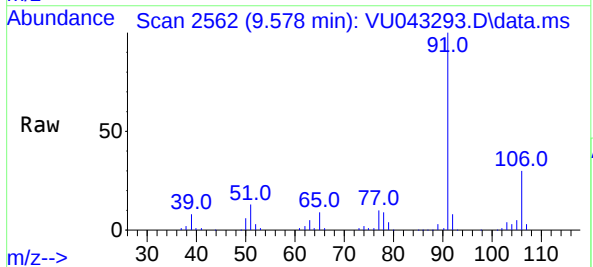
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.9	40.7
77	62.0	45.1	67.7

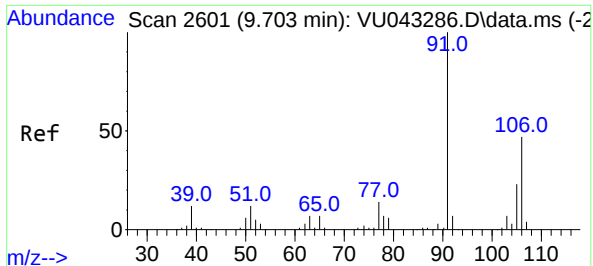


#52
Ethylbenzene
Concen: 3.96 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 91 Resp: 140899

Ion	Ratio	Lower	Upper
91	100		
106	29.8	22.0	40.8

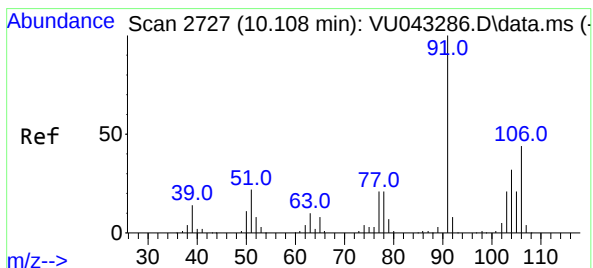
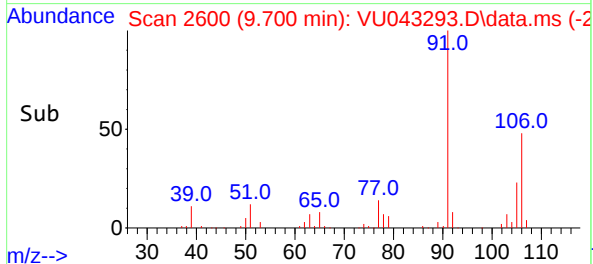
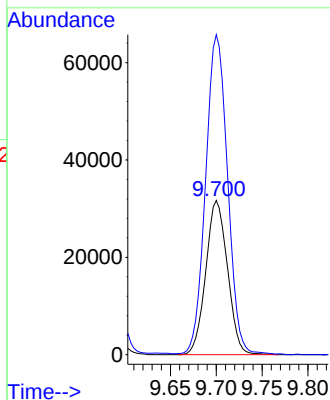
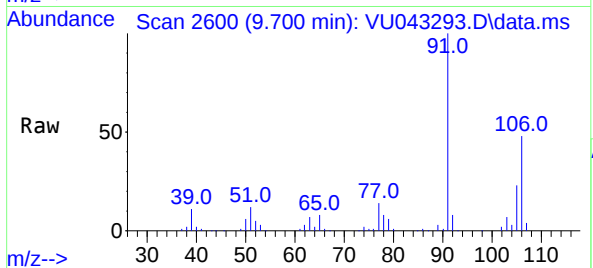




#53
m,p-Xylene
Concen: 4.01 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

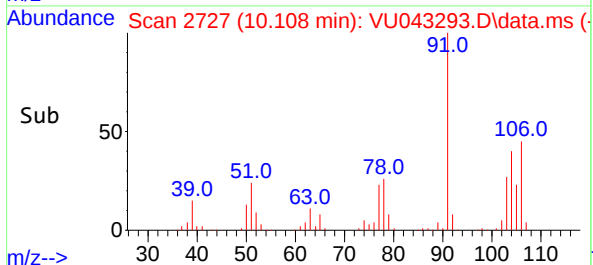
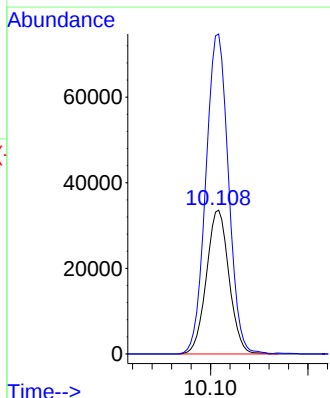
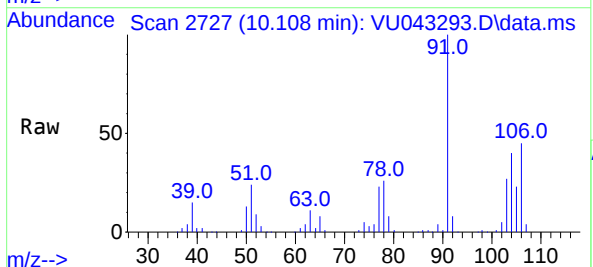
Instrument :
MSVOA_U
ClientSampled :
H4511MS

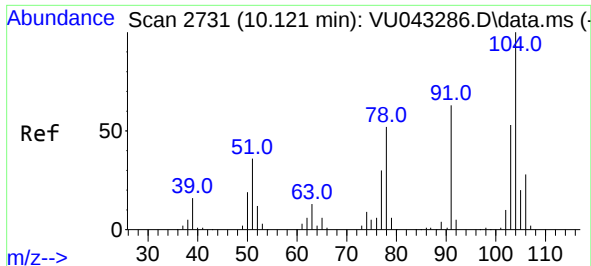
Tgt Ion:106 Resp: 52238
Ion Ratio Lower Upper
106 100
91 207.5 137.6 255.6



#54
o-Xylene
Concen: 4.20 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:106 Resp: 54114
Ion Ratio Lower Upper
106 100
91 222.4 148.5 275.9

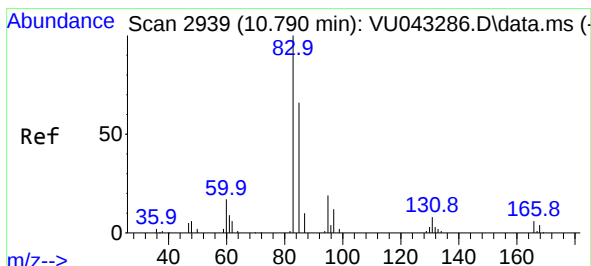
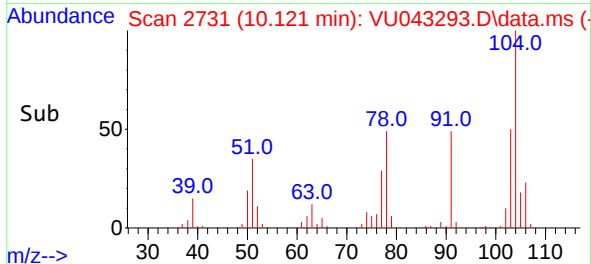
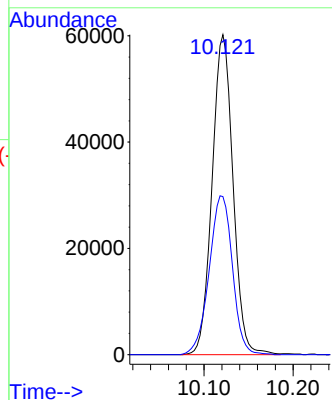
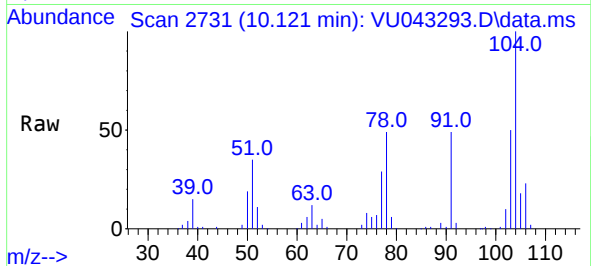




#55
Styrene
Concen: 4.44 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

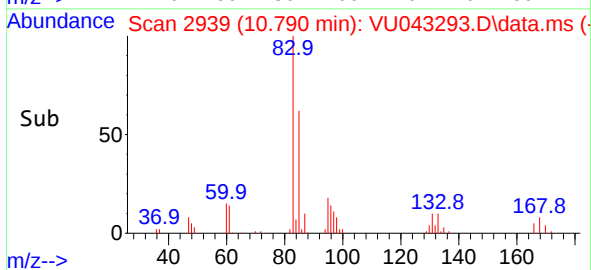
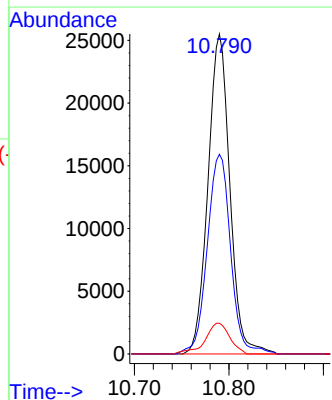
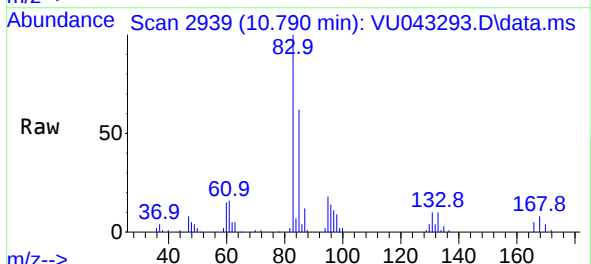
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

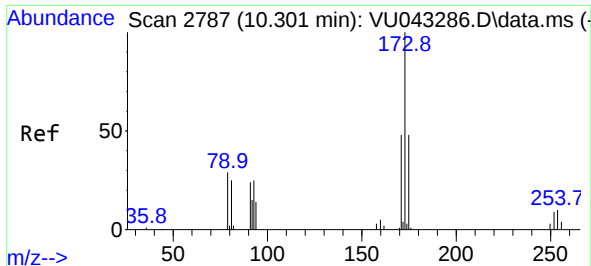
Tgt Ion:104 Resp: 98119
Ion Ratio Lower Upper
104 100
78 49.4 32.3 60.1



#57
1,1,2,2-Tetrachloroethane
Concen: 5.33 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 83 Resp: 40972
Ion Ratio Lower Upper
83 100
85 62.4 44.9 83.5
131 9.6 8.2 12.4

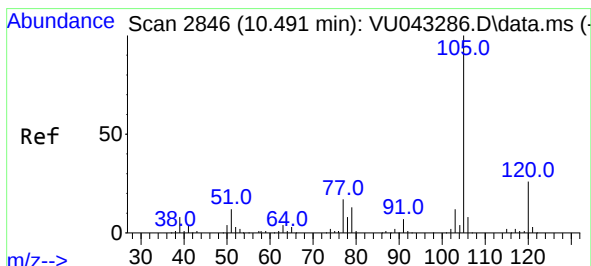
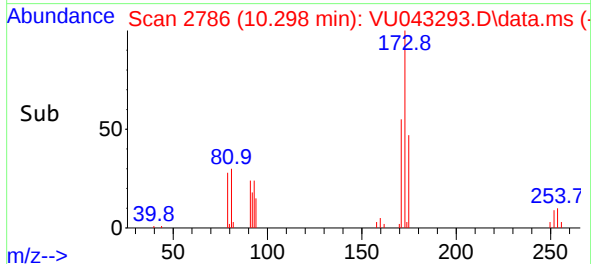
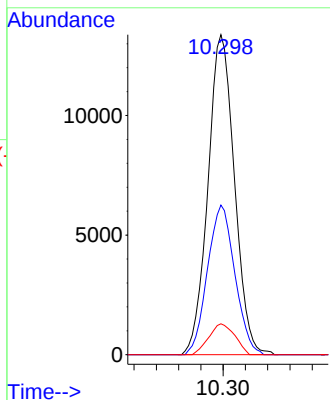
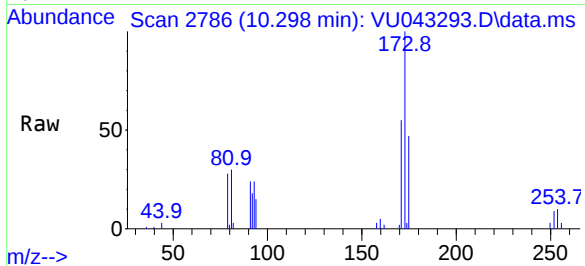




#59
Bromoform
Concen: 4.76 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

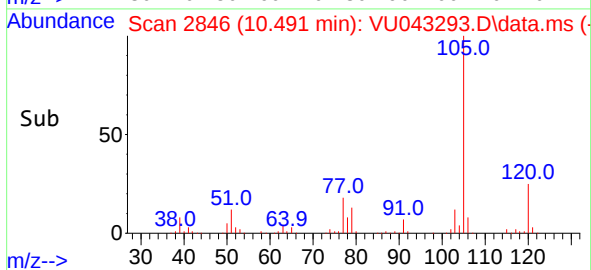
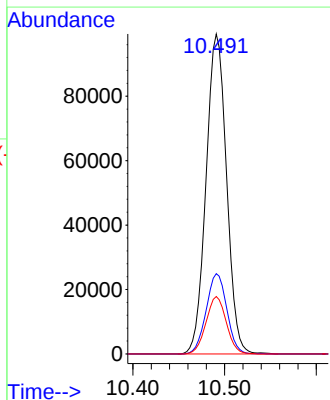
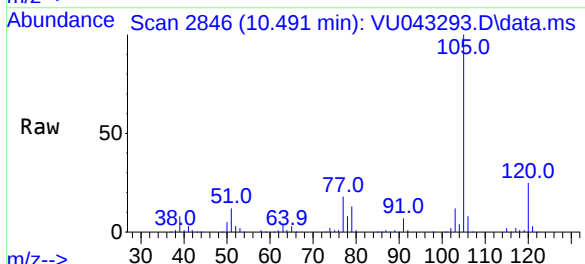
Instrument :
MSVOA_U
ClientSampled :
H4511MS

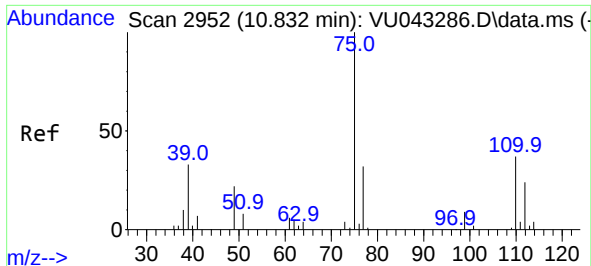
Tgt Ion:173	Resp:	22107
Ion Ratio	Lower	Upper
173	100	
175	48.2	39.4 59.0
254	9.5	8.0 12.0



#60
Isopropylbenzene
Concen: 4.23 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:105	Resp:	154112
Ion Ratio	Lower	Upper
105	100	
120	25.3	20.9 31.3
77	17.8	11.8 17.8#



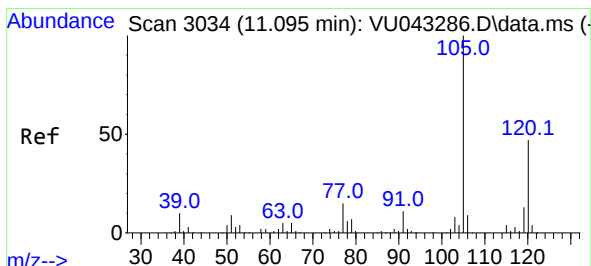
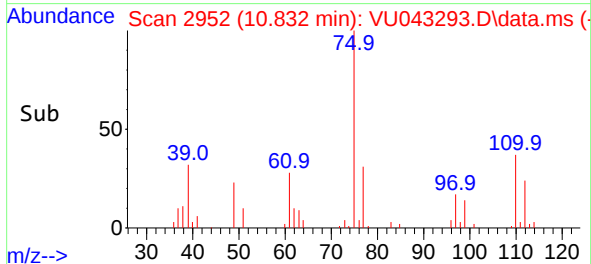
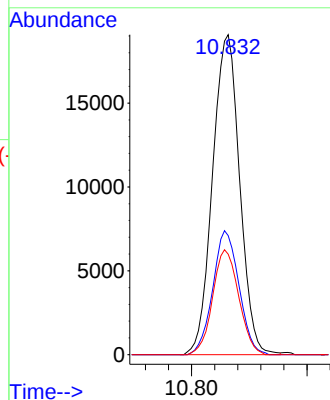
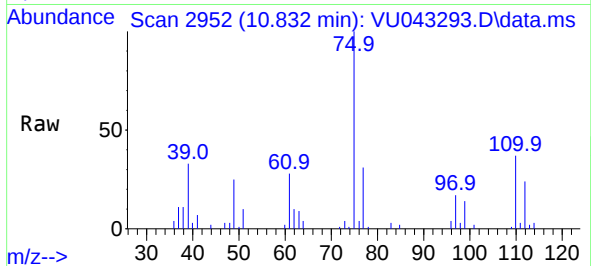


#61
1,2,3-Trichloropropane
Concen: 5.30 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Tgt Ion: 75 Resp: 31100

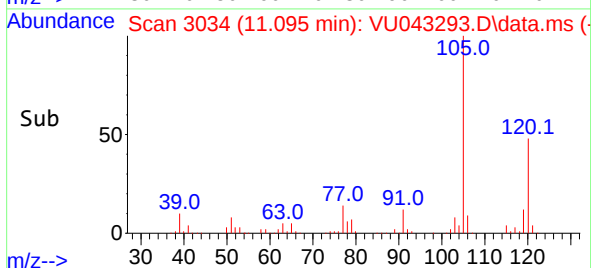
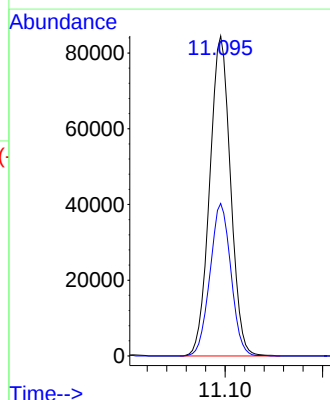
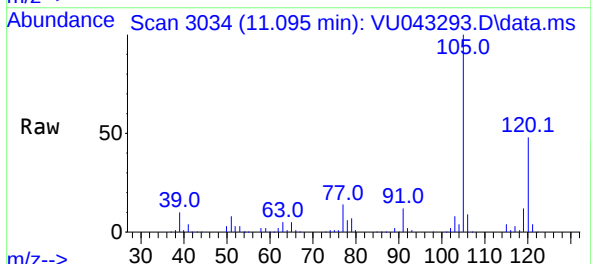
Ion	Ratio	Lower	Upper
75	100		
110	37.4	31.5	47.3
77	31.6	26.3	39.5

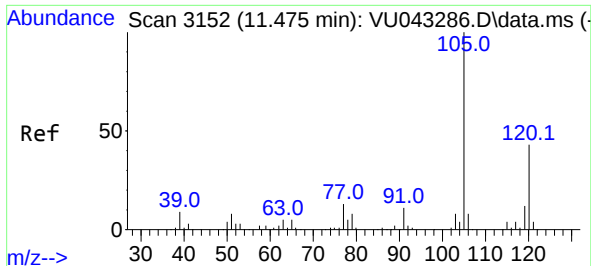


#62
1,3,5-Trimethylbenzene
Concen: 4.20 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion: 105 Resp: 125360

Ion	Ratio	Lower	Upper
105	100		
120	47.8	39.5	59.3

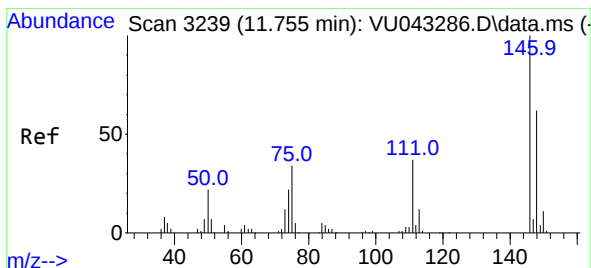
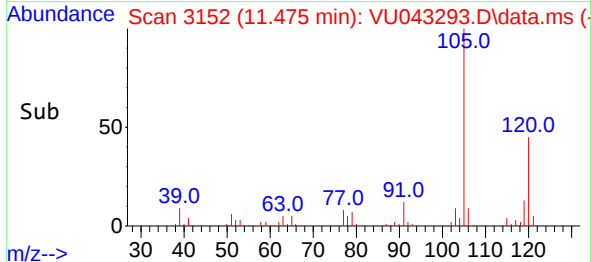
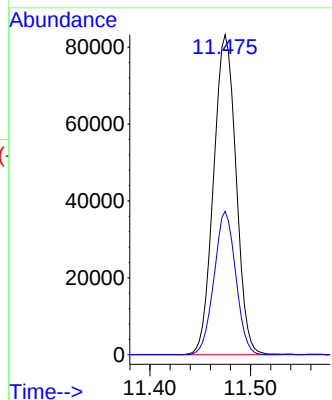
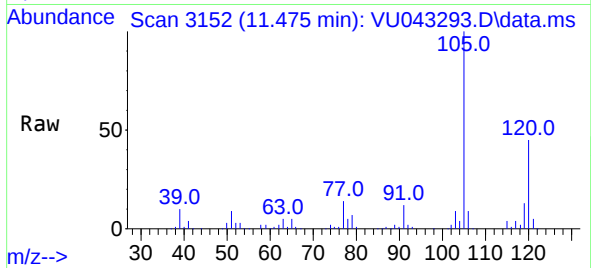




#63
1,2,4-Trimethylbenzene
Concen: 4.22 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

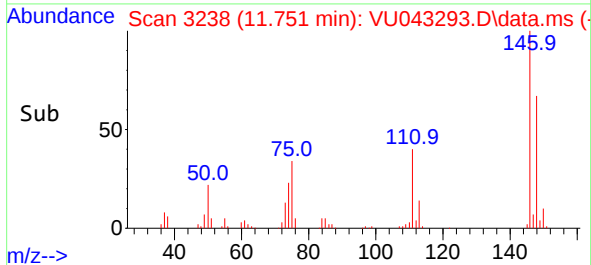
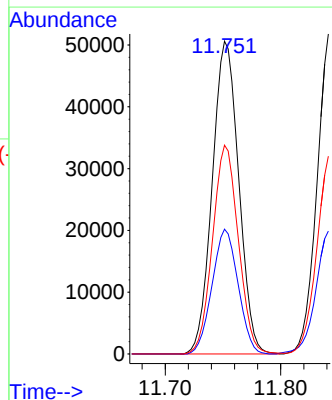
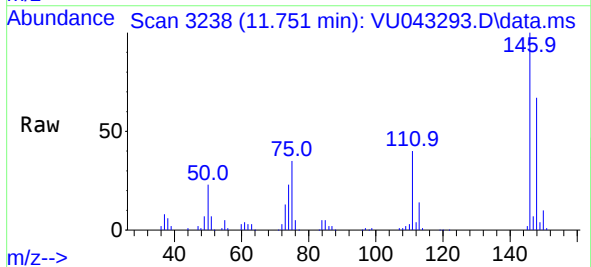
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

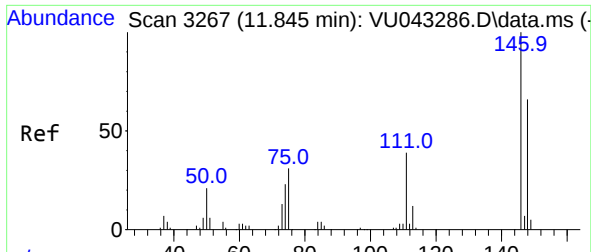
Tgt Ion:105 Resp: 129510
Ion Ratio Lower Upper
105 100
120 43.1 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 4.65 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:146 Resp: 80533
Ion Ratio Lower Upper
146 100
111 39.9 27.6 51.2
148 66.8 44.9 83.3

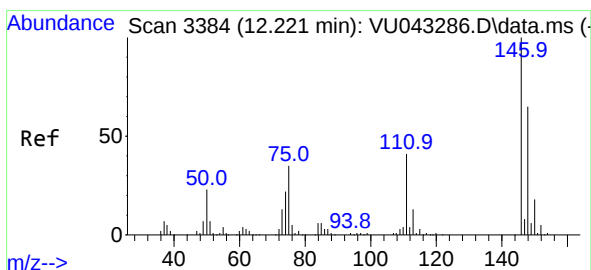
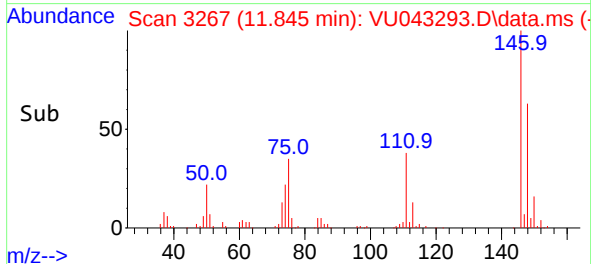
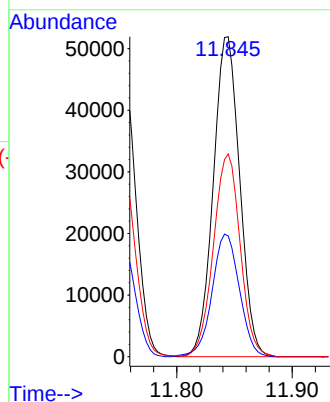
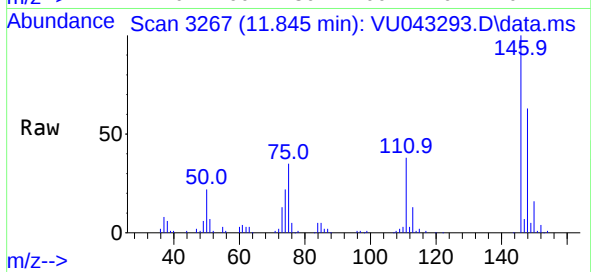




#65
1,4-Dichlorobenzene
Concen: 4.70 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

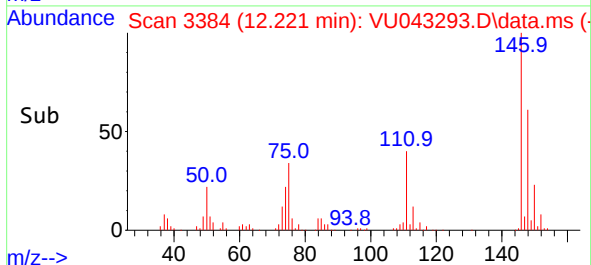
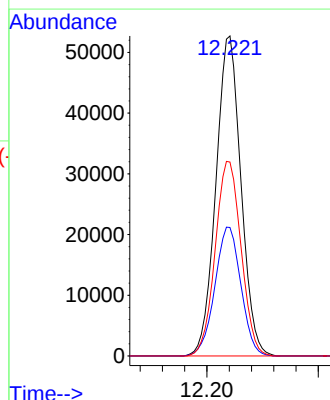
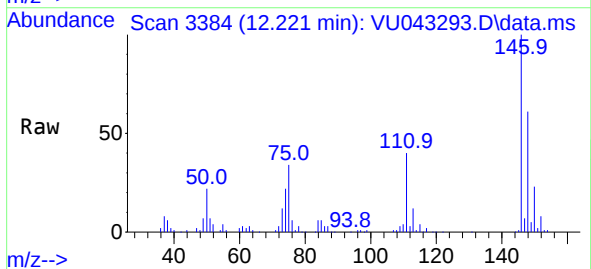
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

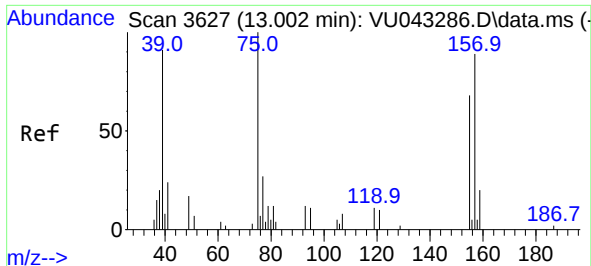
Tgt Ion:	146	Resp:	82487
Ion Ratio	Lower	Upper	
146	100		
111	37.8	26.7	49.5
148	63.4	43.9	81.5



#67
1,2-Dichlorobenzene
Concen: 4.90 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:	146	Resp:	82340
Ion Ratio	Lower	Upper	
146	100		
111	40.2	31.9	47.9
148	60.6	48.8	73.2

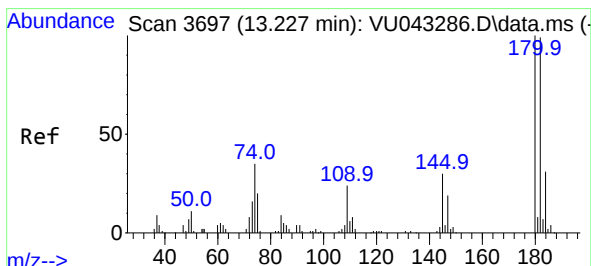
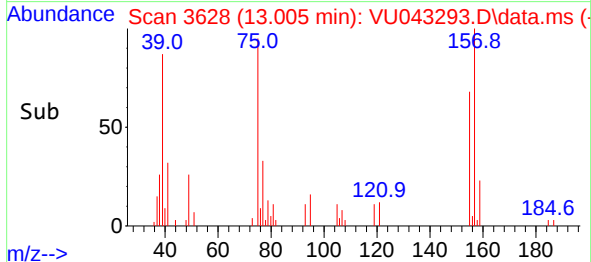
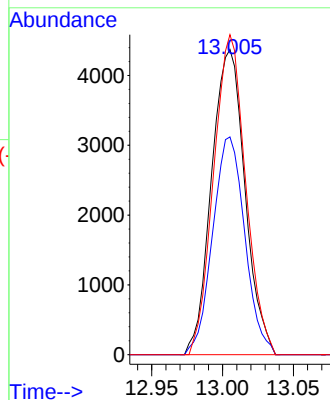
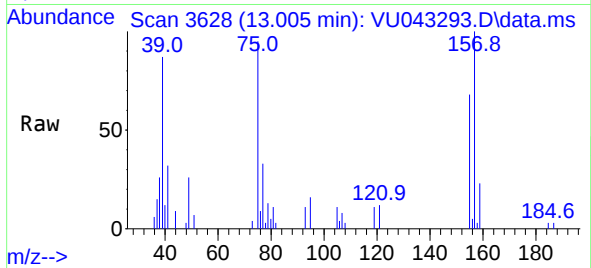




#68
1,2-Dibromo-3-chloropropane
Concen: 5.04 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

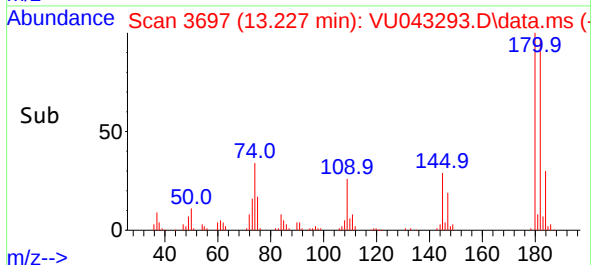
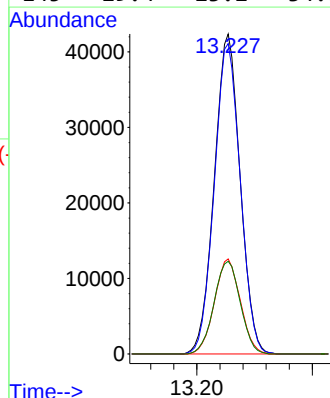
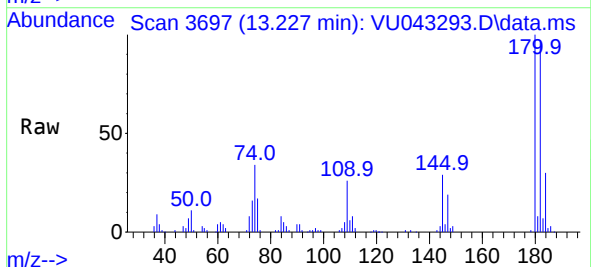
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

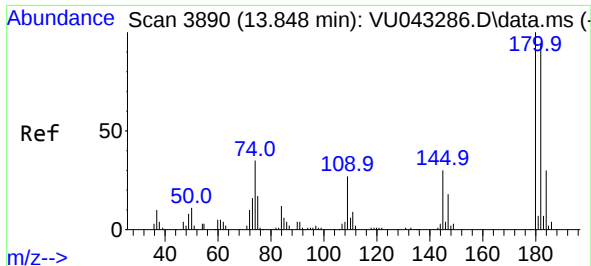
Tgt Ion: 75 Resp: 7197
Ion Ratio Lower Upper
75 100
155 71.4 67.8 101.8
157 104.9 82.4 123.6



#69
1,3,5-Trichlorobenzene
Concen: 4.63 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:180 Resp: 65763
Ion Ratio Lower Upper
180 100
182 97.4 76.1 114.1
184 29.7 24.0 36.0
145 29.4 23.2 34.8

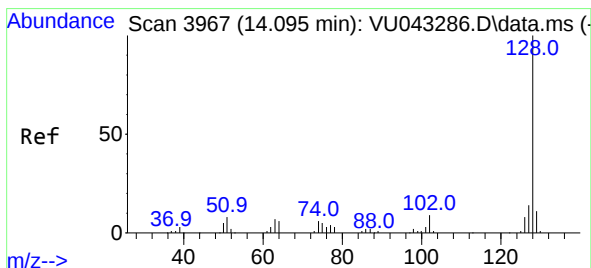
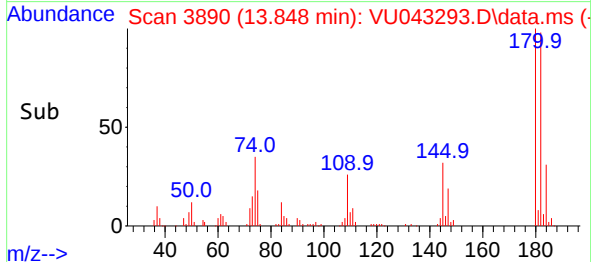
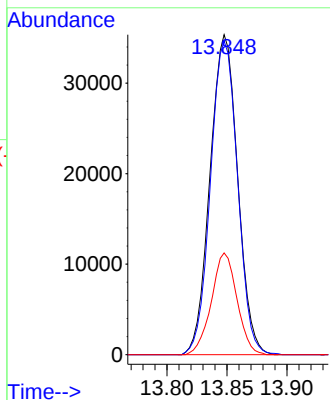
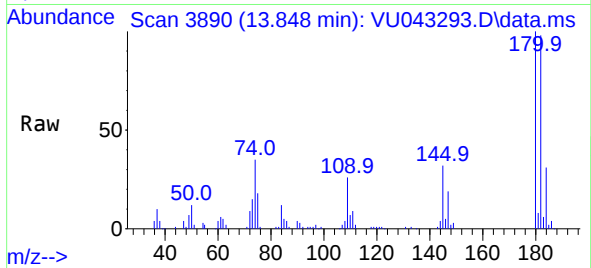




#70
1,2,4-trichlorobenzene
Concen: 4.81 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

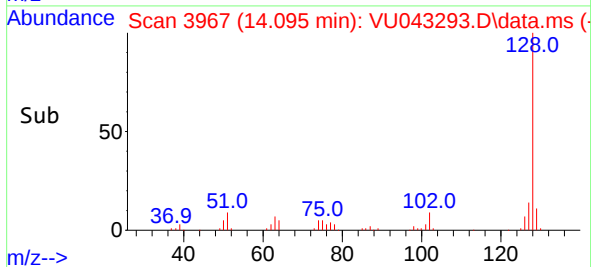
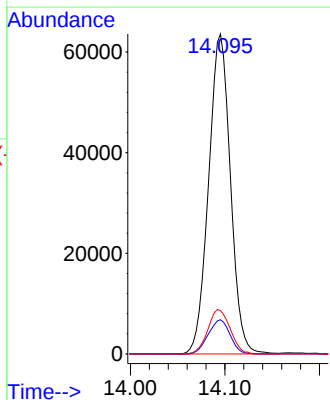
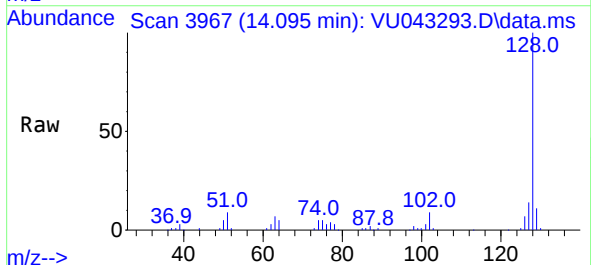
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

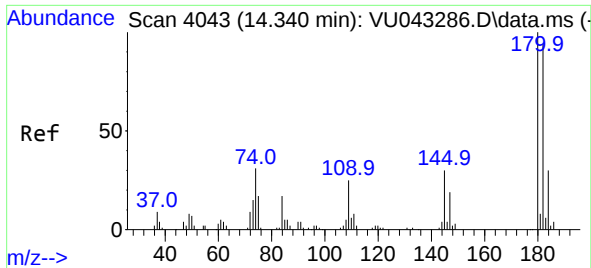
Tgt Ion:180 Resp: 56557
Ion Ratio Lower Upper
180 100
182 95.9 76.5 114.7
145 29.5 24.1 36.1



#71
Naphthalene
Concen: 5.14 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043293.D
Acq: 23 Apr 2021 15:58

Tgt Ion:128 Resp: 101991
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.2 10.6 15.8





#72
 1,2,3-Trichlorobenzene
 Concen: 5.13 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. -0.000 min
 Lab File: VU043293.D
 Acq: 23 Apr 2021 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MS

Tgt Ion:180 Resp: 55304
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.8 113.8
 145 31.1 25.0 37.4

