

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043482.D
 Acq On : 03 May 2021 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 07:39:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	99932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97516	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53605	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41283	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.919	69	29810	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.572	65	20321	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	4.652	46	129823	52.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	5.073	84	75368	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	46188	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.739	84	146779	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.700	67	48531	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.906	98	134584	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloroprop...	8.189	79	20634	5.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.60%
46) 2-Hexanone-d5	8.642	63	84557	54.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37690	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	48801	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35595	5.26	ug/L	99
3) Chloromethane	1.520	50	35799	5.02	ug/L	99
5) Vinyl chloride	1.607	62	36857	5.45	ug/L	100
6) Bromomethane	1.861	94	16328	5.10	ug/L	98
8) Chloroethane	1.938	64	22854	5.23	ug/L	94
9) Trichlorofluoromethane	2.144	101	54490	5.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34410	5.29	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29347	5.25	ug/L	97
13) Acetone	2.665	43	86541	52.02	ug/L	100
14) Carbon disulfide	2.800	76	72368	5.18	ug/L	99
15) Methyl Acetate	2.970	43	20162	5.31	ug/L	100
16) Methylene chloride	3.054	84	37552	4.20	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	85140	5.21	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	30372	5.22	ug/L	97
19) 1,1-Dichloroethane	3.880	63	71922	5.19	ug/L	98
21) 2-Butanone	4.729	43	136980	51.36	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	36362	5.31	ug/L	97
23) Bromochloromethane	4.986	128	16179	5.31	ug/L	96
25) Chloroform	5.099	83	77011	5.22	ug/L	99

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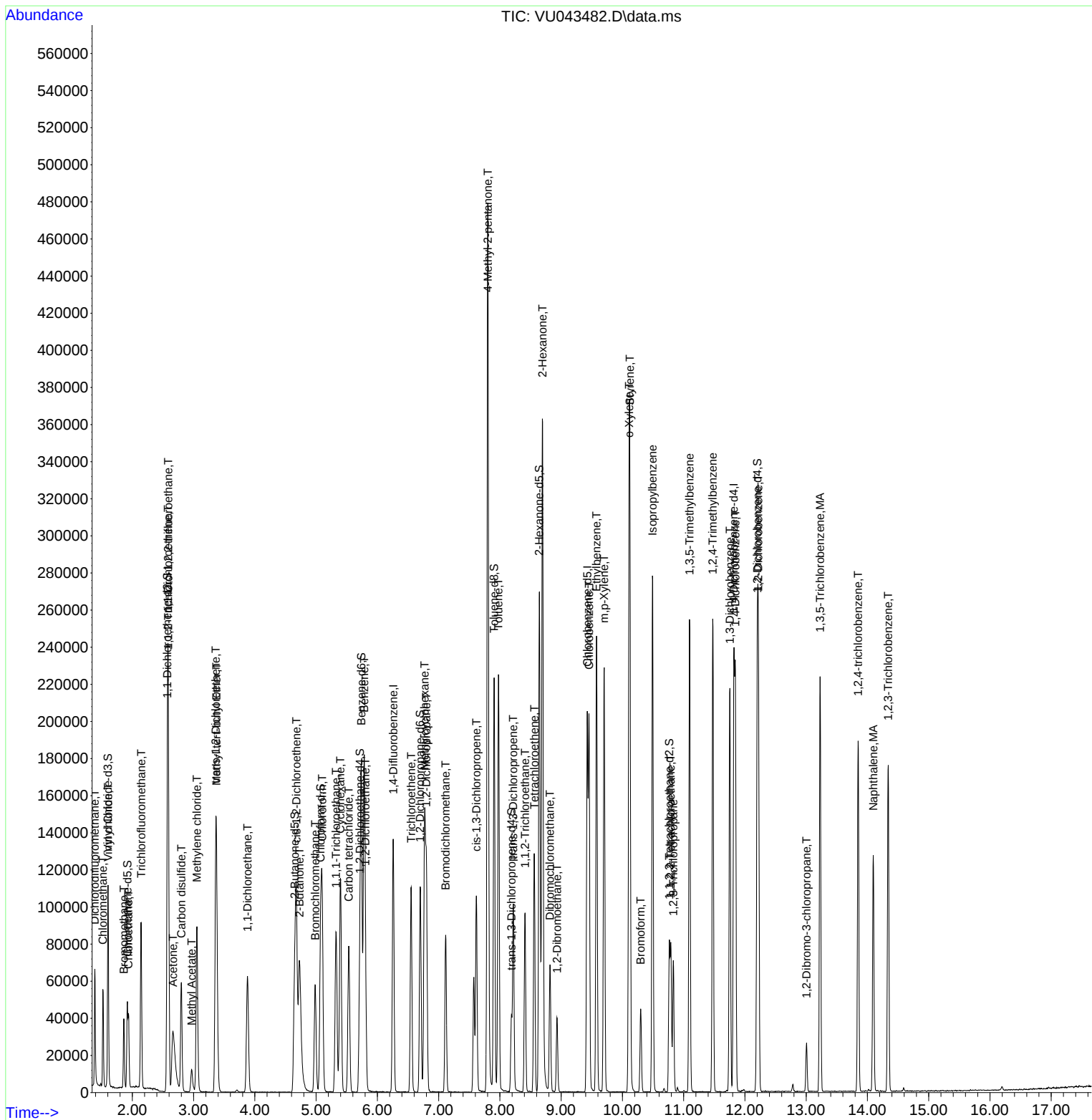
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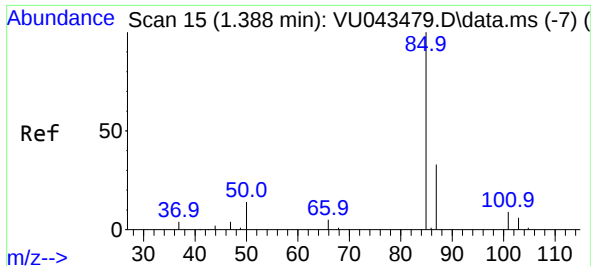
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	50325	5.03	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	60678	5.29	ug/L	98
30) Cyclohexane	5.398	56	52218	5.71	ug/L	98
31) Carbon tetrachloride	5.533	117	50948	5.42	ug/L	99
33) Benzene	5.784	78	141057	5.49	ug/L	100
34) Trichloroethene	6.552	95	35710	5.44	ug/L	98
35) Methylcyclohexane	6.771	83	48067	5.66	ug/L	97
37) 1,2-Dichloropropane	6.800	63	41469	5.41	ug/L	99
38) Bromodichloromethane	7.115	83	52573	5.29	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	55468	5.45	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	337094	53.71	ug/L	99
42) Toluene	7.976	91	151778	5.65	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	50097	5.41	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	27201	5.13	ug/L	97
47) Tetrachloroethene	8.562	164	26240	5.43	ug/L	97
48) 2-Hexanone	8.697	43	256751	55.15	ug/L	99
49) Dibromochloromethane	8.819	129	33243	5.19	ug/L	100
50) 1,2-Dibromoethane	8.931	107	25473	5.17	ug/L	98
51) Chlorobenzene	9.456	112	91205	5.34	ug/L	98
52) Ethylbenzene	9.578	91	161610	5.67	ug/L	100
53) m,p-Xylene	9.703	106	59401	5.74	ug/L	98
54) o-Xylene	10.108	106	57744	5.74	ug/L	99
55) Styrene	10.121	104	103612	5.88	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	36129	5.06	ug/L	95
59) Bromoform	10.298	173	19503	5.00	ug/L	99
60) Isopropylbenzene	10.494	105	160910	5.51	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	26570	4.90	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	127789	5.57	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	128323	5.58	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	79315	5.48	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	79637	5.36	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	75260	5.16	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	6377	4.93	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	62480	5.45	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	53996	5.71	ug/L	99
71) Naphthalene	14.095	128	92531	5.68	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	50207	5.66	ug/L	97

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

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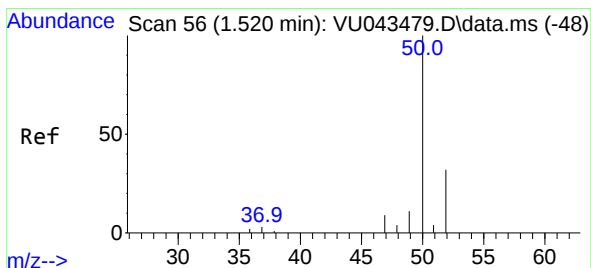
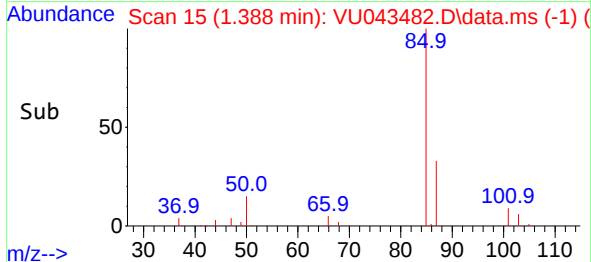
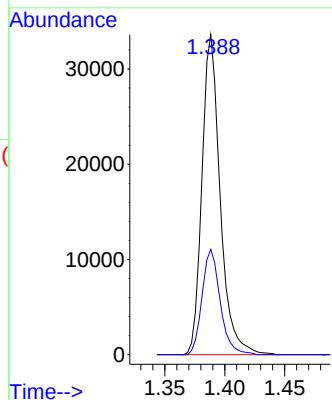
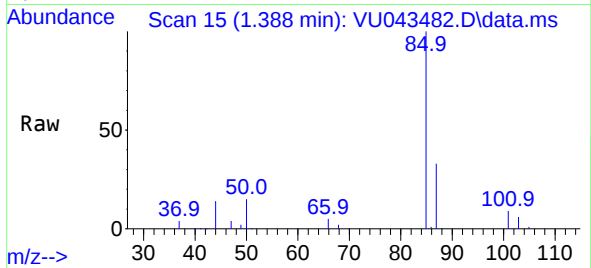




#2
Dichlorodifluoromethane
Concen: 5.26 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

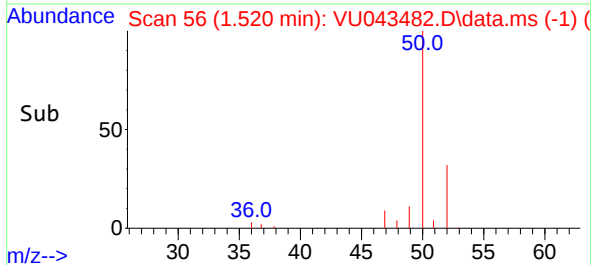
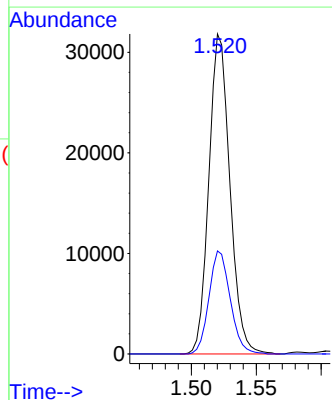
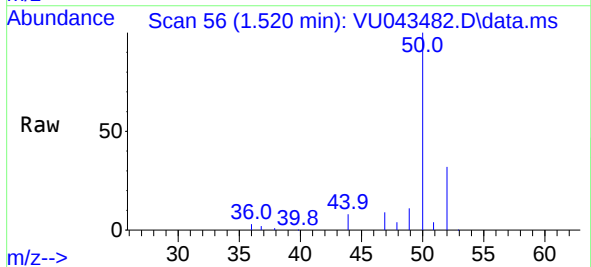
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 85 Resp: 35595
Ion Ratio Lower Upper
85 100
87 32.7 26.6 39.8

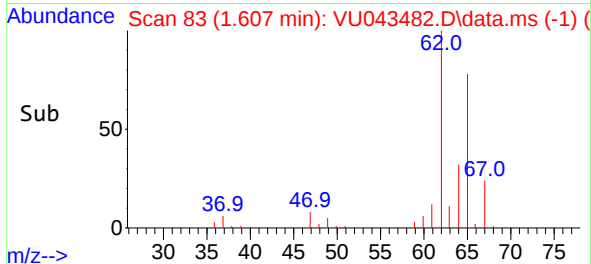
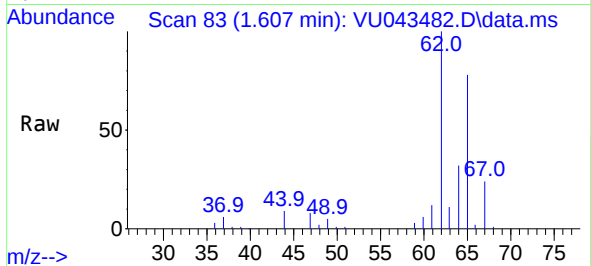
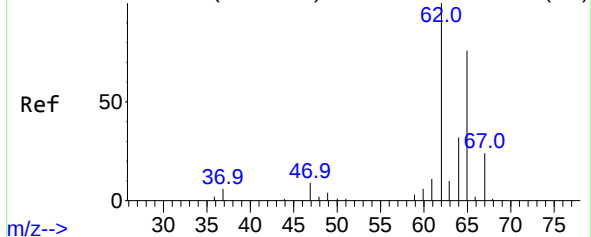


#3
Chloromethane
Concen: 5.02 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 50 Resp: 35799
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1



Abundance Scan 83 (1.607 min): VU043479.D\data.ms (-74)



#5

Vinyl chloride

Concen: 5.45 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU043482.D

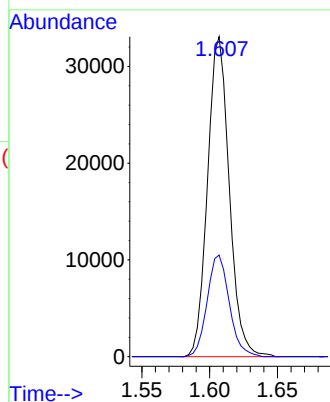
Acq: 03 May 2021 12:00

Tgt Ion: 62 Resp: 36857

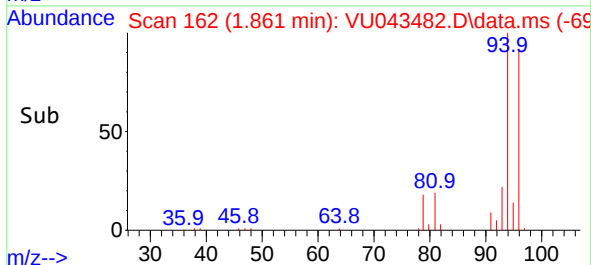
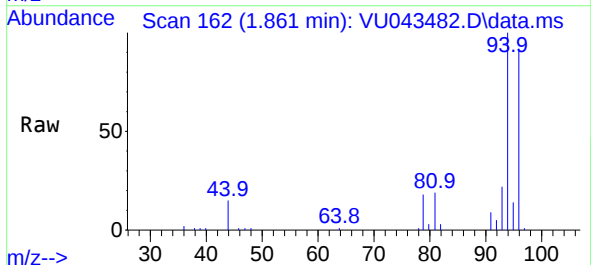
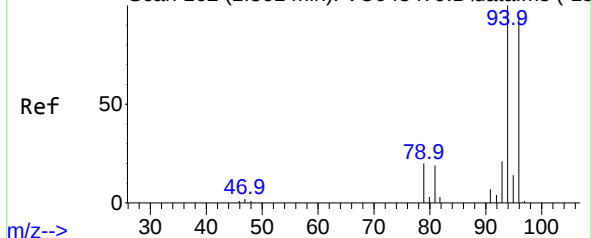
Ion Ratio Lower Upper

62 100

64 31.7 22.3 41.3



Abundance Scan 162 (1.861 min): VU043479.D\data.ms (-15)



#6

Bromomethane

Concen: 5.10 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU043482.D

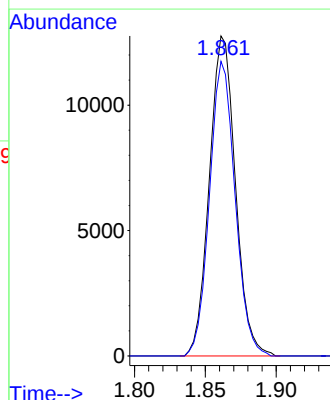
Acq: 03 May 2021 12:00

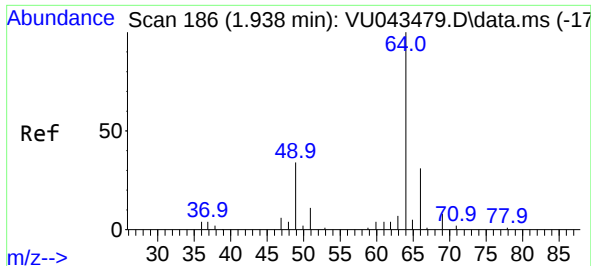
Tgt Ion: 94 Resp: 16328

Ion Ratio Lower Upper

94 100

96 92.1 65.7 121.9

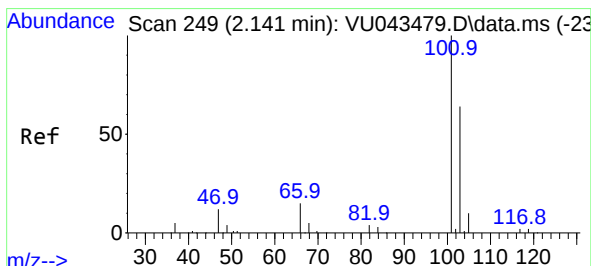
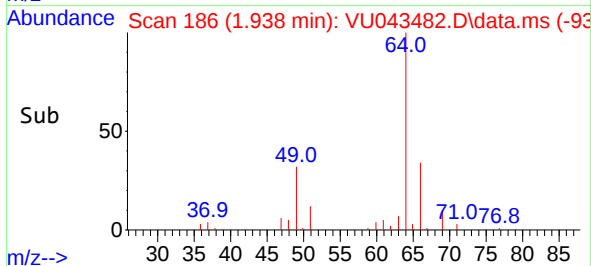
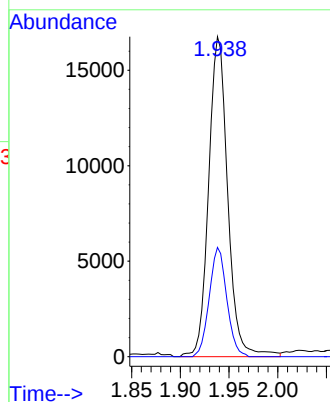
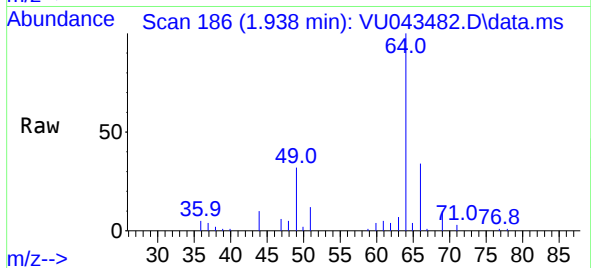




#8
Chloroethane
Concen: 5.23 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

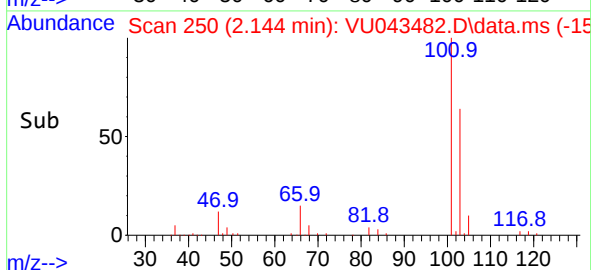
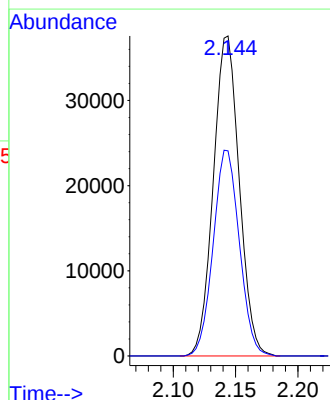
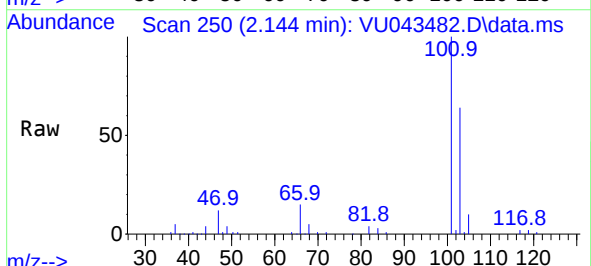
Instrument :
MSVOA_U
ClientSampled :

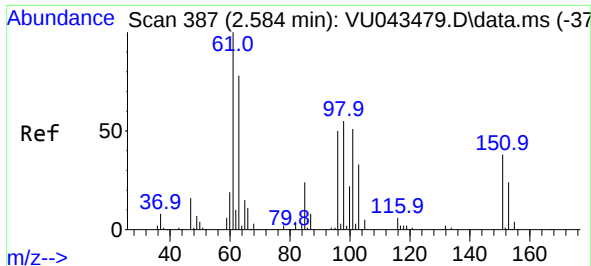
Tgt Ion: 64 Resp: 22854
Ion Ratio Lower Upper
64 100
66 34.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.17 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:101 Resp: 54490
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

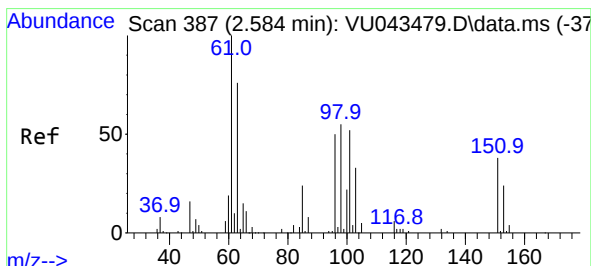
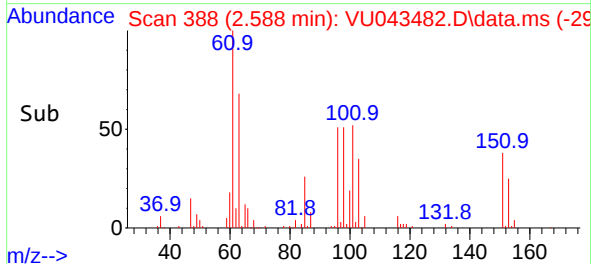
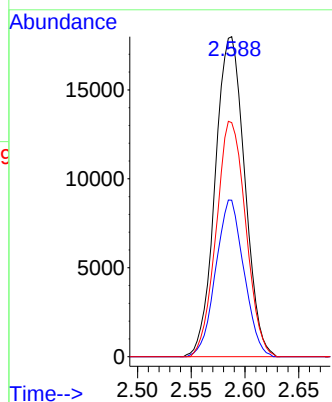
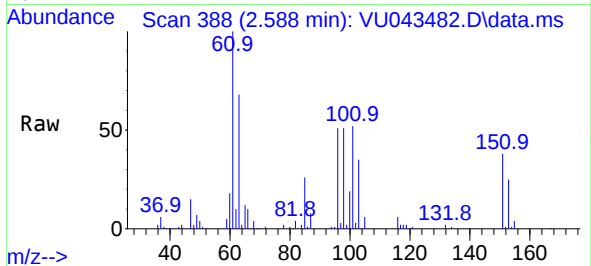




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.29 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

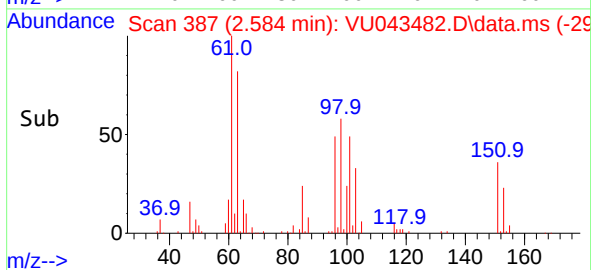
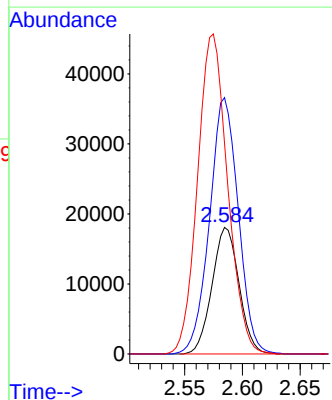
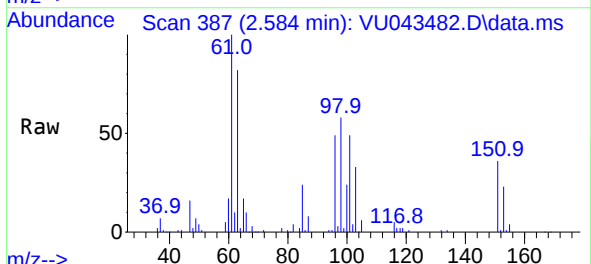
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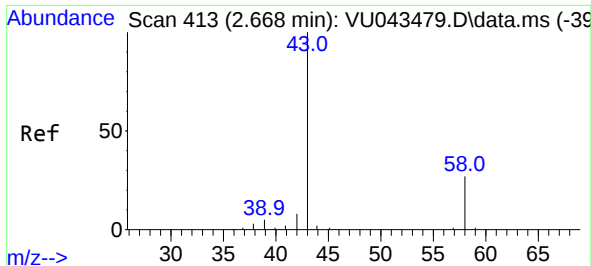
Tgt Ion:101 Resp: 34410
Ion Ratio Lower Upper
101 100
85 46.8 38.5 57.7
151 73.5 58.5 87.7



#12
1,1-Dichloroethene
Concen: 5.25 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 96 Resp: 29347
Ion Ratio Lower Upper
96 100
61 202.4 141.2 262.2
63 166.5 111.1 206.3

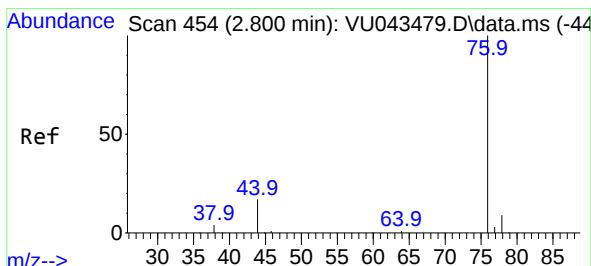
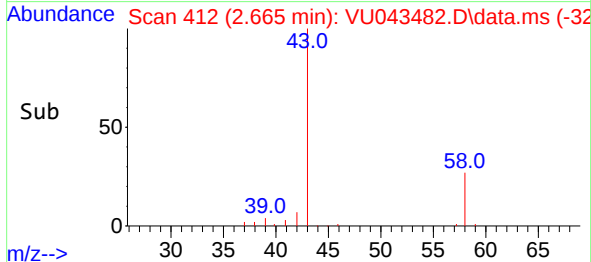
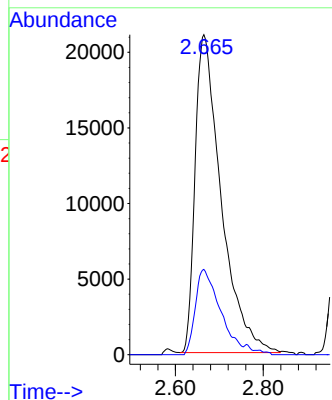
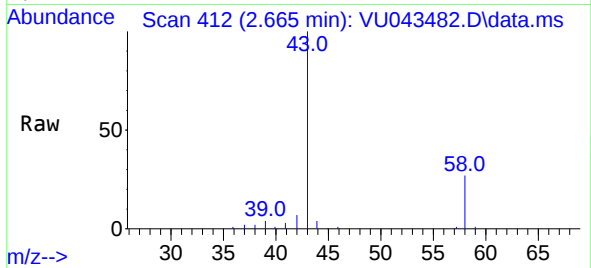




#13
Acetone
Concen: 52.02 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

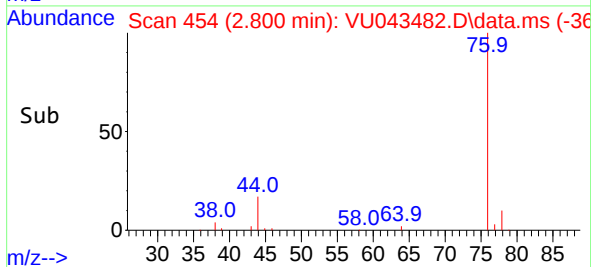
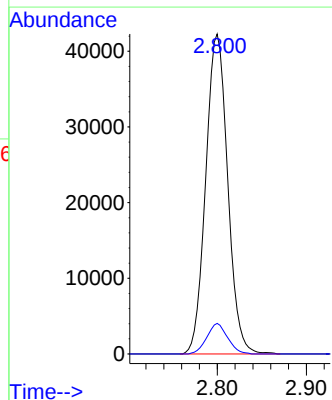
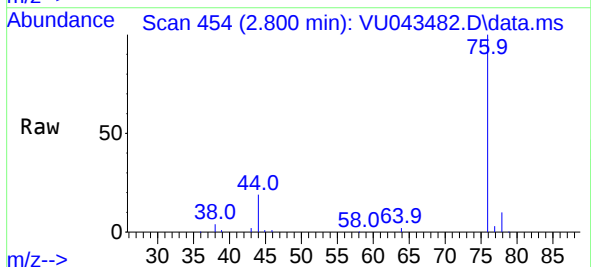
Instrument :
MSVOA_U
ClientSampled :

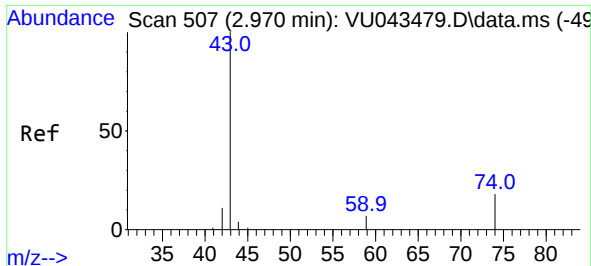
Tgt Ion: 43 Resp: 86541
Ion Ratio Lower Upper
43 100
58 25.4 0.0 50.8



#14
Carbon disulfide
Concen: 5.18 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 76 Resp: 72368
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

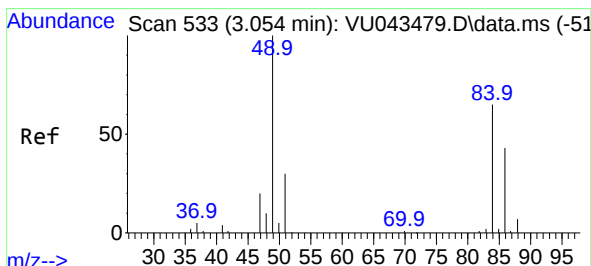
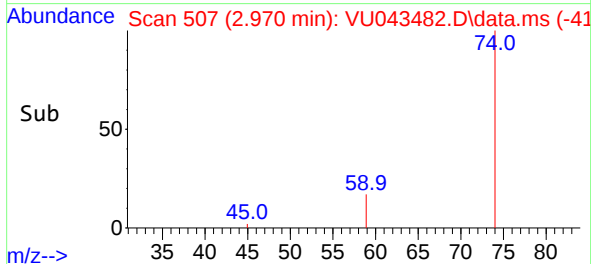
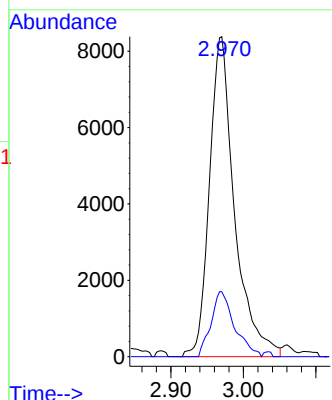
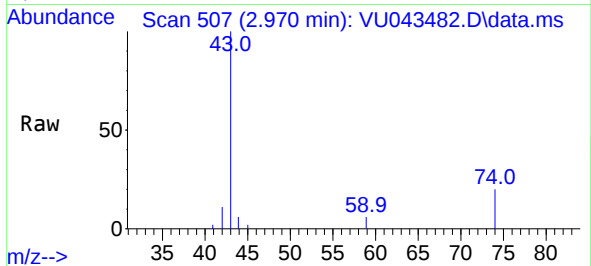




#15
Methyl Acetate
Concen: 5.31 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

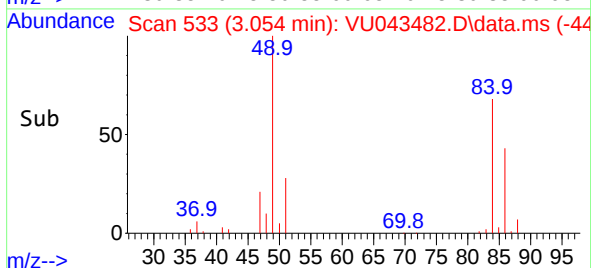
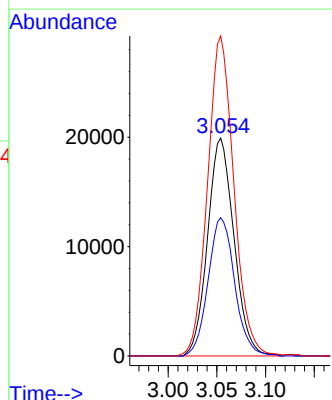
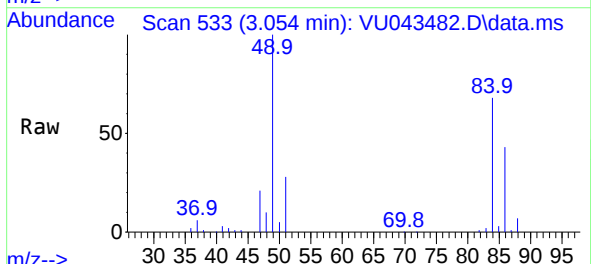
Instrument :
MSVOA_U
ClientSampled :

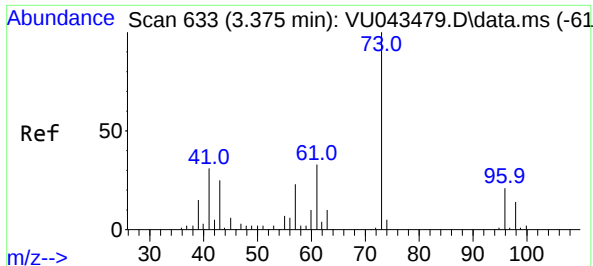
Tgt Ion: 43 Resp: 20162
Ion Ratio Lower Upper
43 100
74 19.0 15.2 22.8



#16
Methylene chloride
Concen: 4.20 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 84 Resp: 37552
Ion Ratio Lower Upper
84 100
86 63.4 45.6 84.6
49 146.8 107.0 198.8



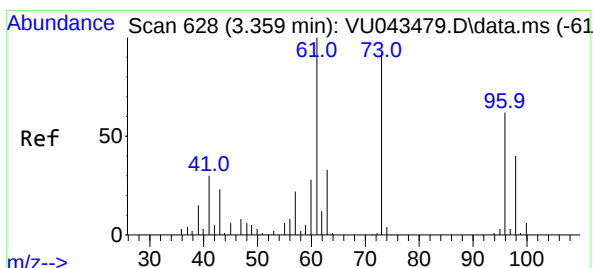
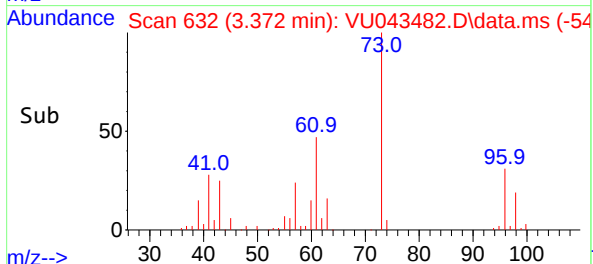
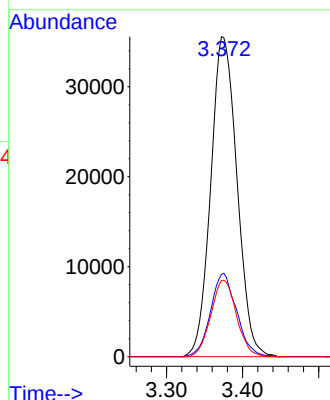
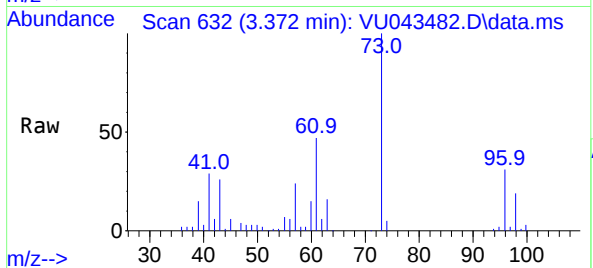


#17
Methyl tert-butyl Ether
Concen: 5.21 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 73 Resp: 85140

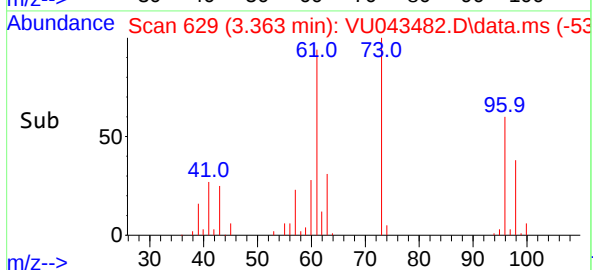
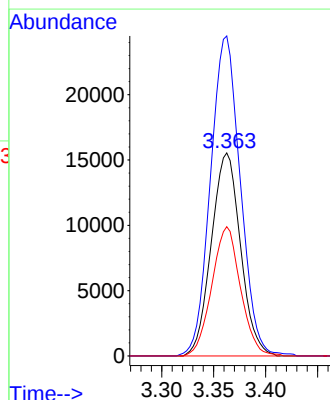
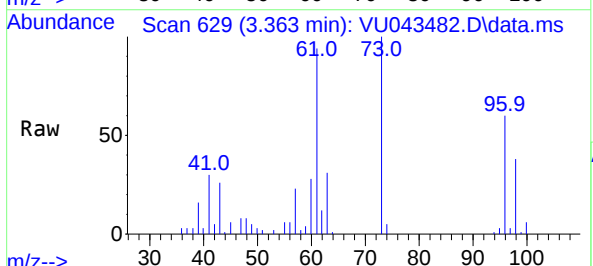
Ion	Ratio	Lower	Upper
73	100		
43	25.9	20.6	30.8
57	23.3	18.7	28.1

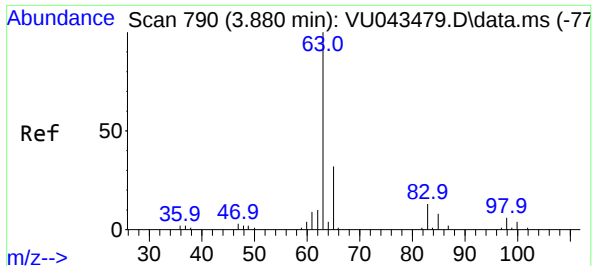


#18
trans-1,2-Dichloroethene
Concen: 5.22 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 96 Resp: 30372

Ion	Ratio	Lower	Upper
96	100		
61	157.6	113.5	210.9
98	63.7	45.4	84.2



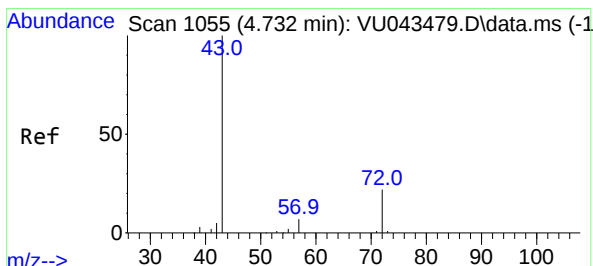
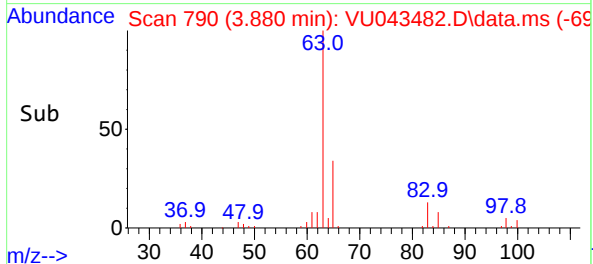
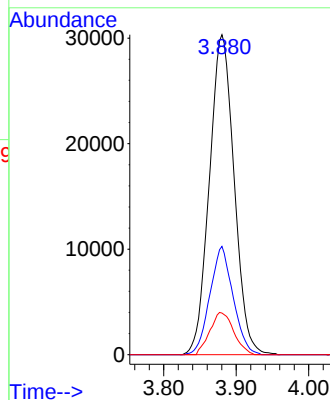
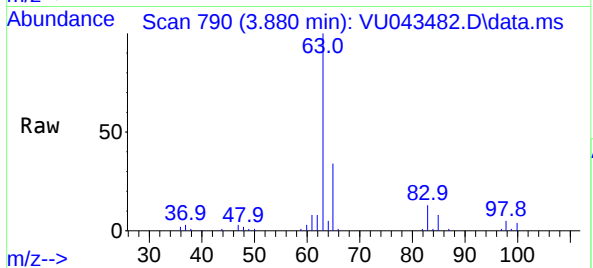


#19

1,1-Dichloroethane
Concen: 5.19 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

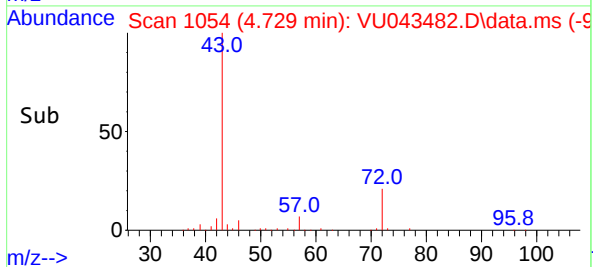
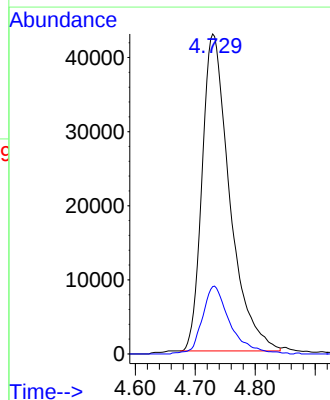
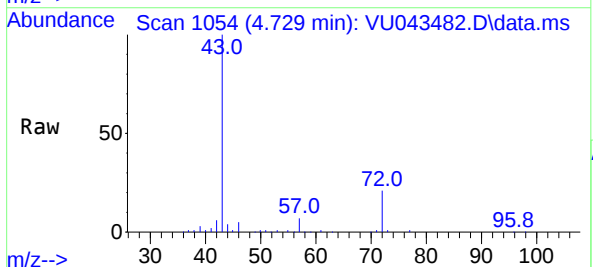
Tgt Ion: 63 Resp: 71922
Ion Ratio Lower Upper
63 100
65 33.9 22.7 42.1
83 13.0 9.4 17.4

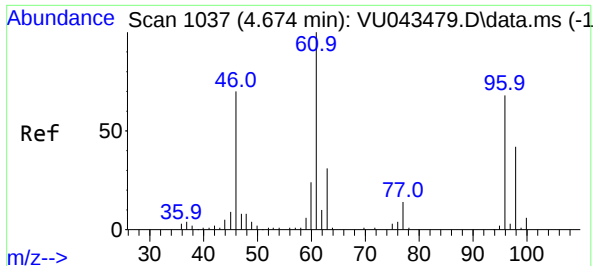


#21

2-Butanone
Concen: 51.36 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. -0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 43 Resp: 136980
Ion Ratio Lower Upper
43 100
72 21.5 10.8 32.4

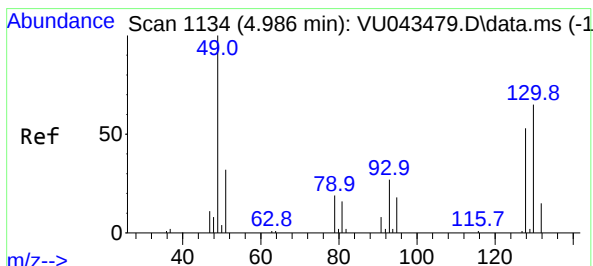
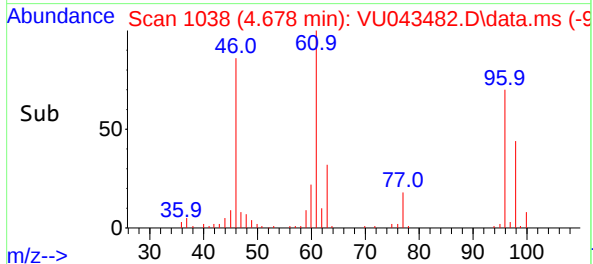
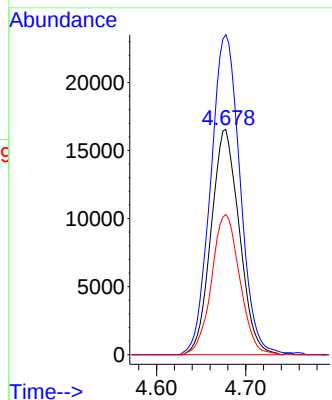
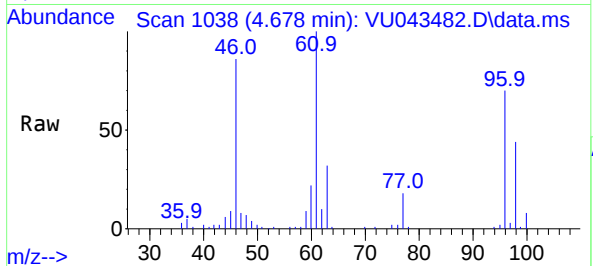




#22
cis-1,2-Dichloroethene
Concen: 5.31 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

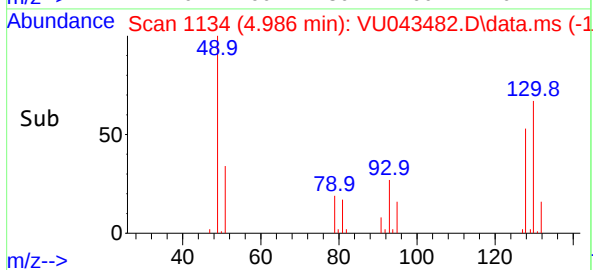
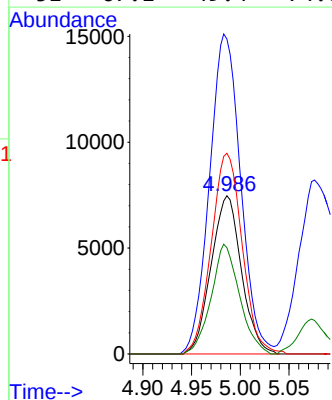
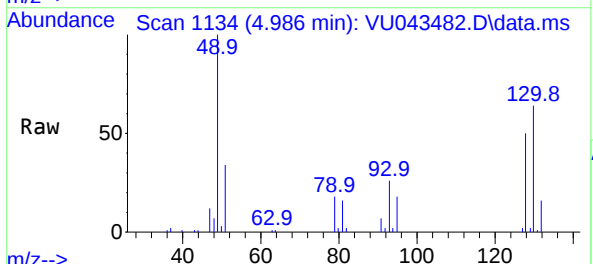
Instrument :
MSVOA_U
ClientSampled :

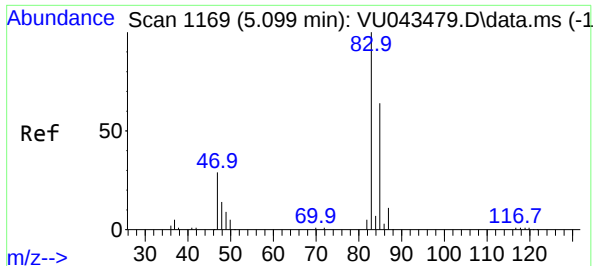
Tgt Ion: 96 Resp: 36362
Ion Ratio Lower Upper
96 100
61 142.0 102.8 190.8
98 62.2 42.8 79.6



#23
Bromochloromethane
Concen: 5.31 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 128 Resp: 16179
Ion Ratio Lower Upper
128 100
49 198.9 134.2 249.2
130 126.8 87.2 162.0
51 67.1 49.4 74.0



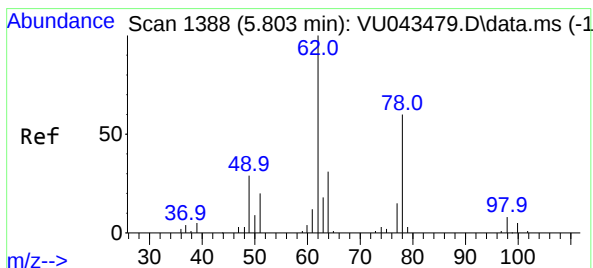
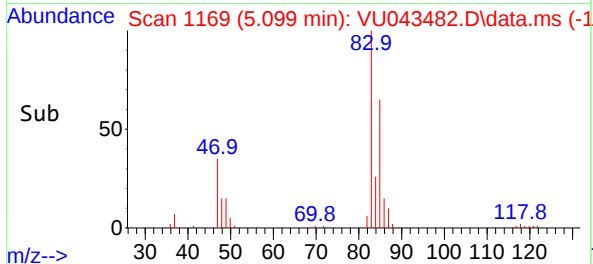
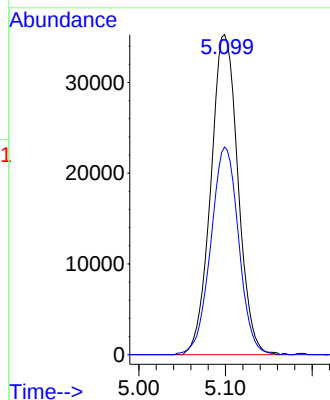
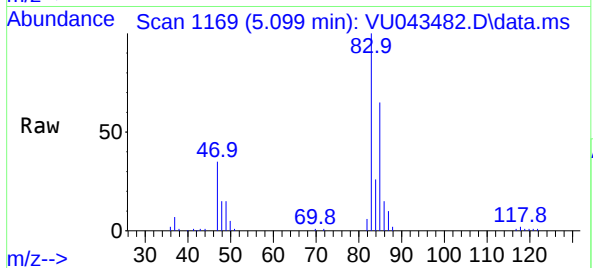


#25

Chloroform
Concen: 5.22 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

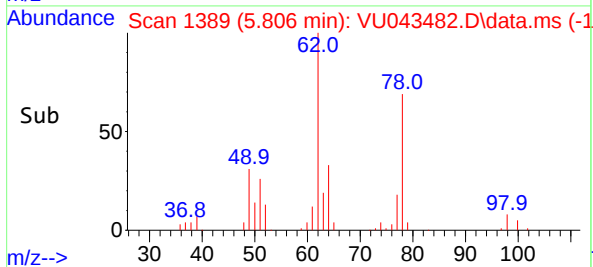
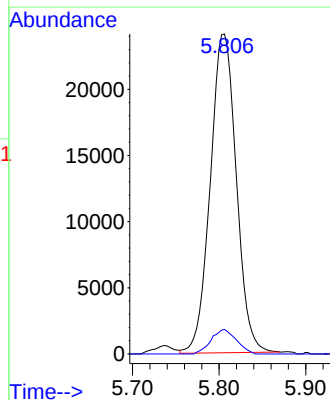
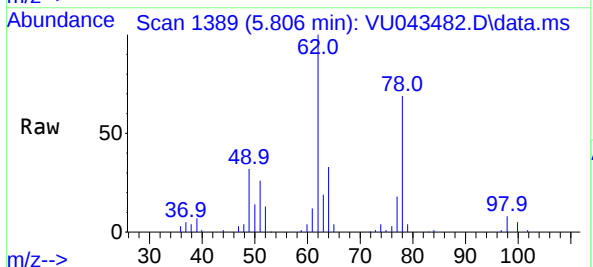
Tgt Ion: 83 Resp: 77011
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9

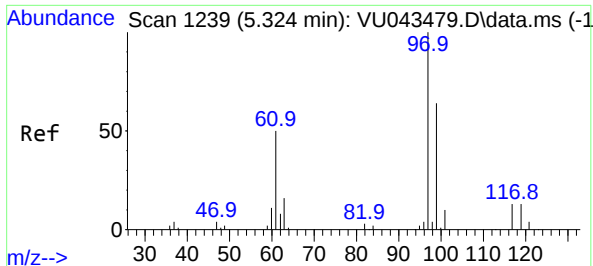


#27

1,2-Dichloroethane
Concen: 5.03 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 62 Resp: 50325
Ion Ratio Lower Upper
62 100
98 7.6 6.1 9.1



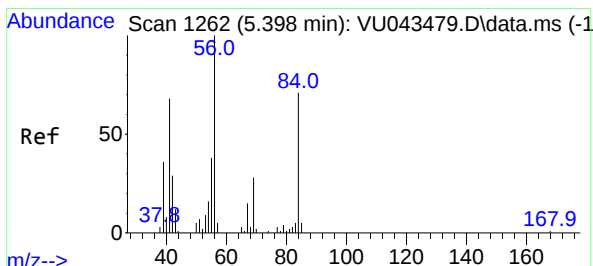
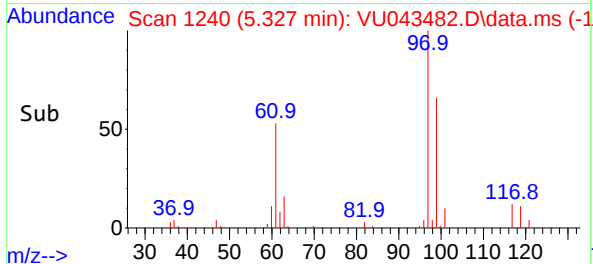
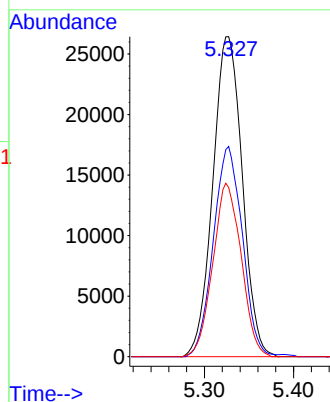
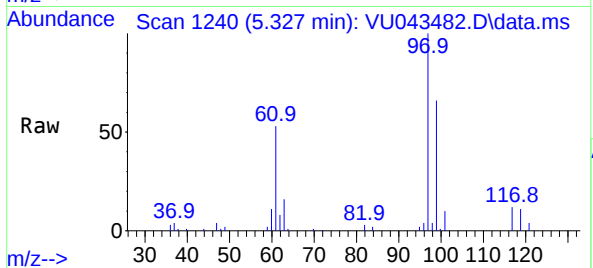


#29
1,1,1-Trichloroethane
Concen: 5.29 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 97 Resp: 60678

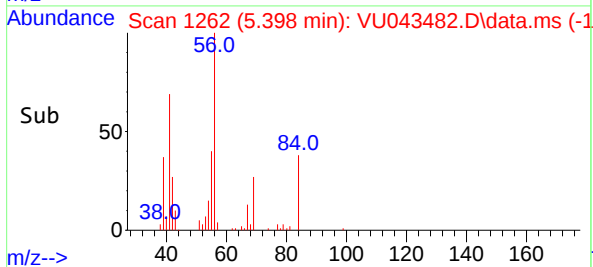
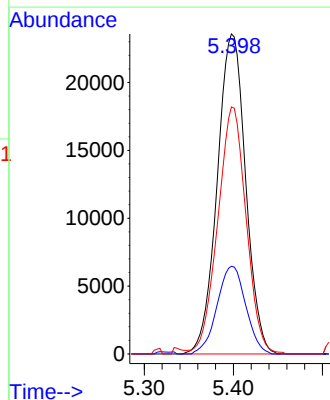
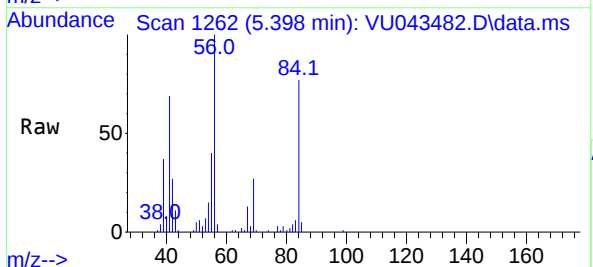
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	52.2	39.8	59.8

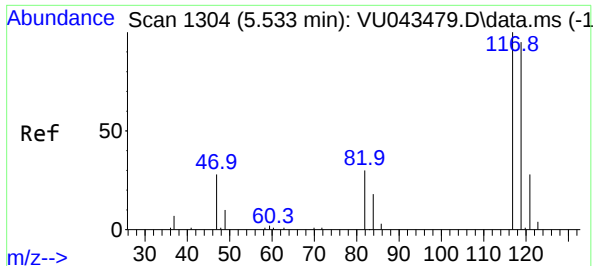


#30
Cyclohexane
Concen: 5.71 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 56 Resp: 52218

Ion	Ratio	Lower	Upper
56	100		
69	27.6	23.0	34.4
84	77.1	60.3	90.5

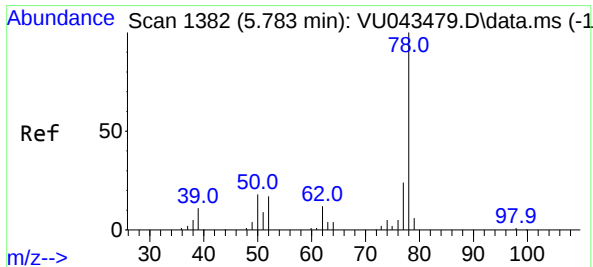
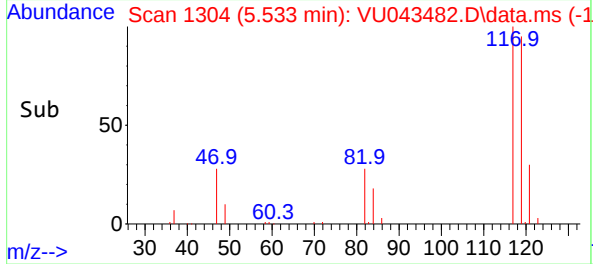
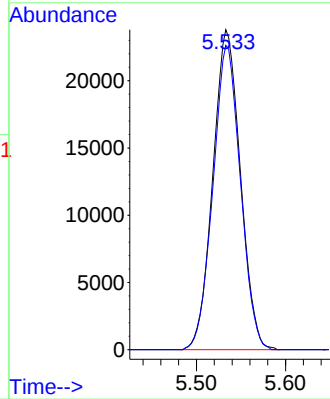
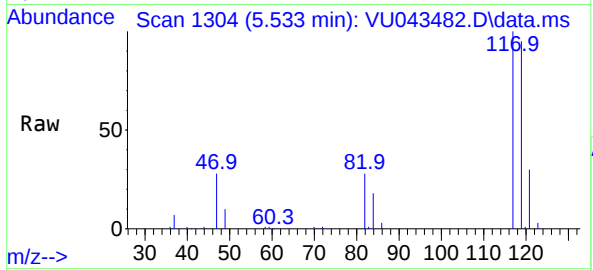




#31
Carbon tetrachloride
Concen: 5.42 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

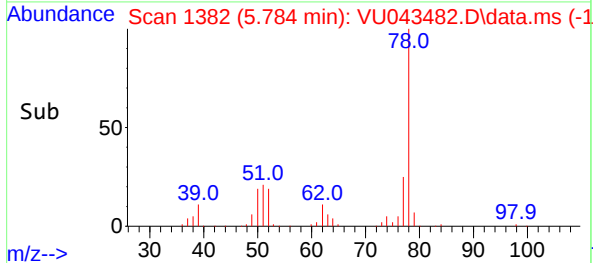
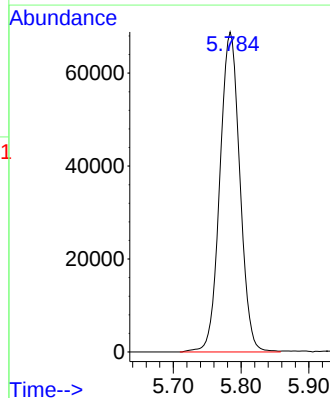
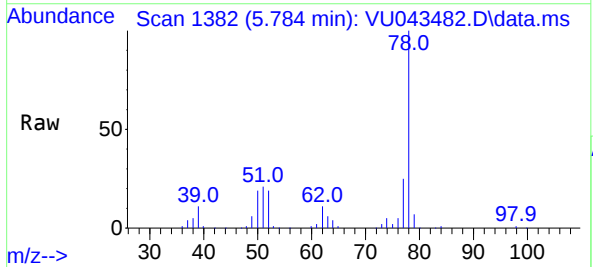
Instrument :
MSVOA_U
ClientSampled :

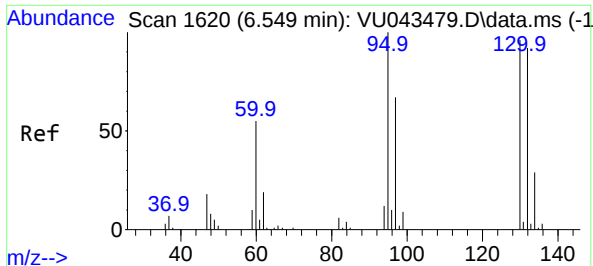
Tgt Ion:117 Resp: 50948
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6



#33
Benzene
Concen: 5.49 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 78 Resp: 141057

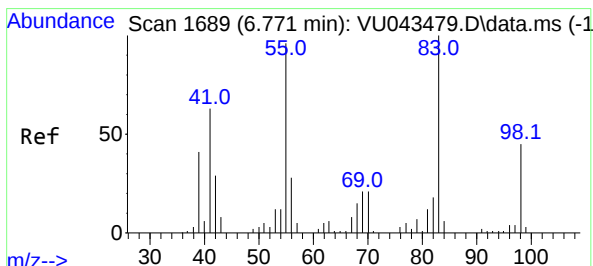
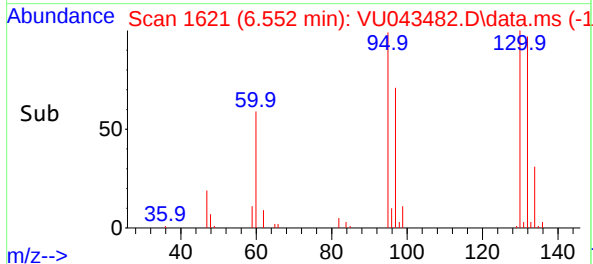
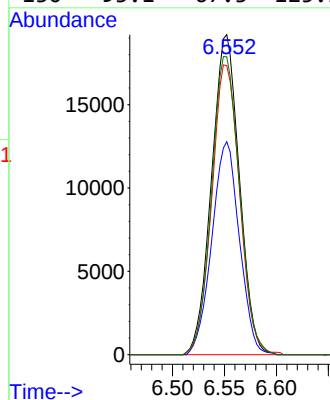
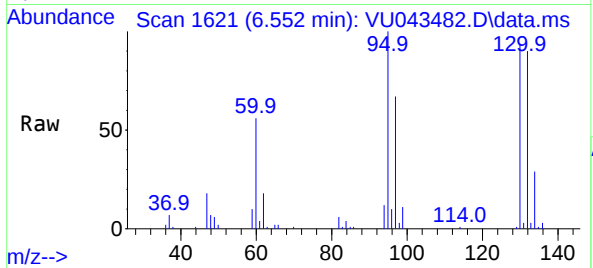




#34
Trichloroethene
Concen: 5.44 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

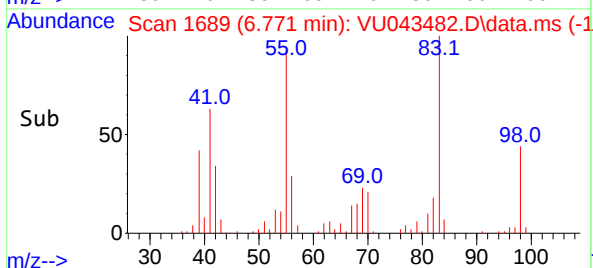
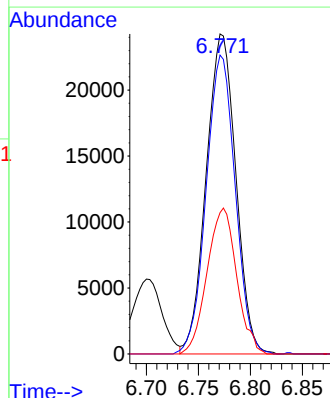
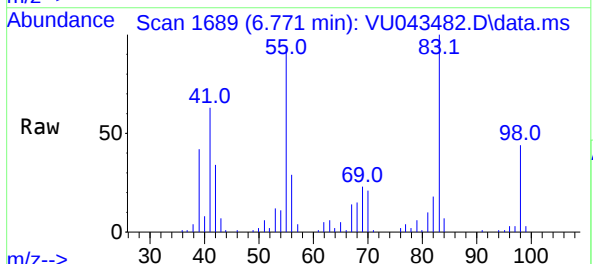
Instrument :
MSVOA_U
ClientSampled :

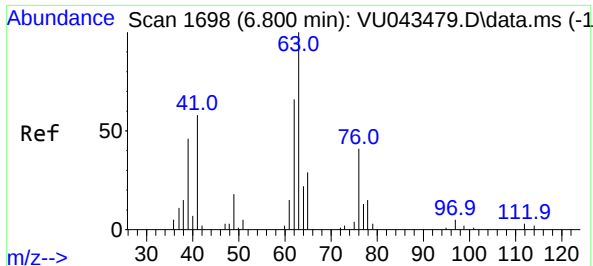
Tgt Ion: 95 Resp: 35710
Ion Ratio Lower Upper
95 100
97 66.5 46.5 86.5
132 90.3 64.1 119.1
130 93.1 67.3 125.1



#35
Methylcyclohexane
Concen: 5.66 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 83 Resp: 48067
Ion Ratio Lower Upper
83 100
55 91.6 75.8 113.8
98 45.5 35.5 53.3

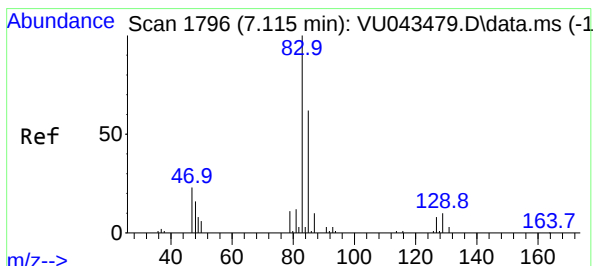
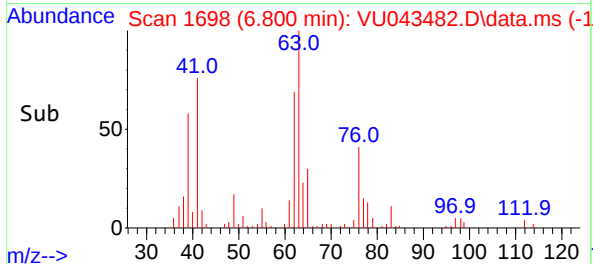
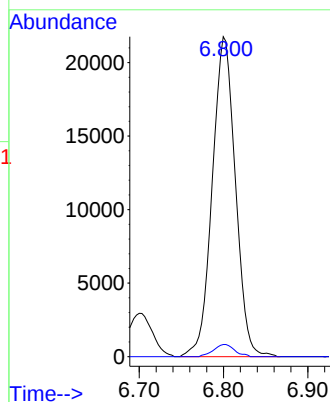
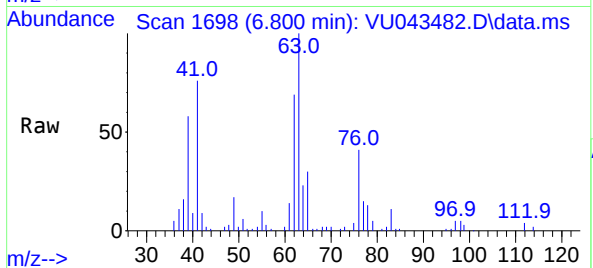




#37
1,2-Dichloropropane
Concen: 5.41 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

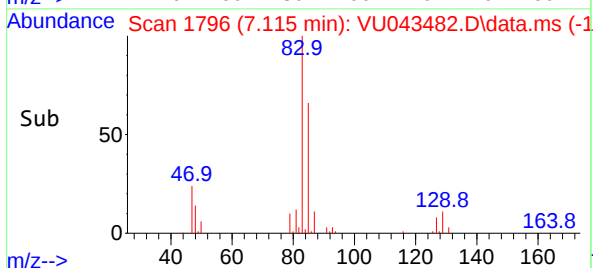
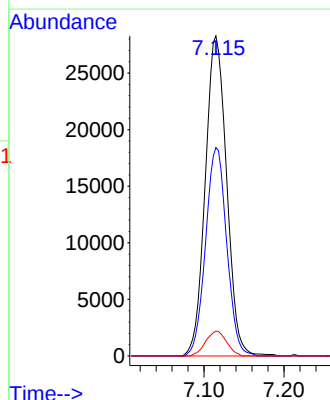
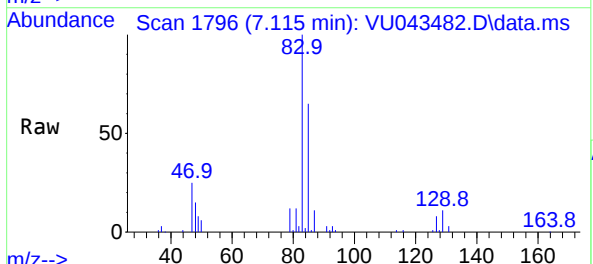
Instrument :
MSVOA_U
ClientSampled :

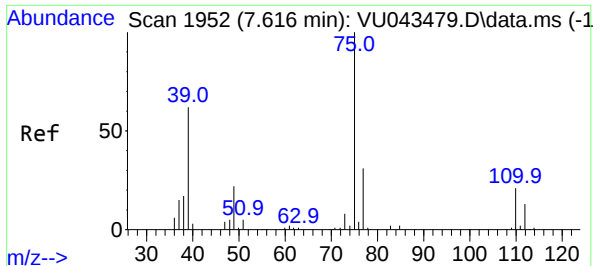
Tgt Ion: 63 Resp: 41469
Ion Ratio Lower Upper
63 100
112 3.5 2.6 3.8



#38
Bromodichloromethane
Concen: 5.29 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 83 Resp: 52573
Ion Ratio Lower Upper
83 100
85 65.2 43.3 80.5
127 7.8 6.2 9.4

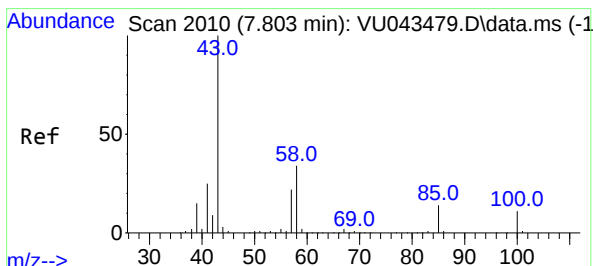
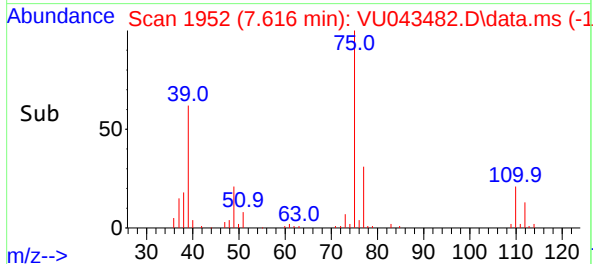
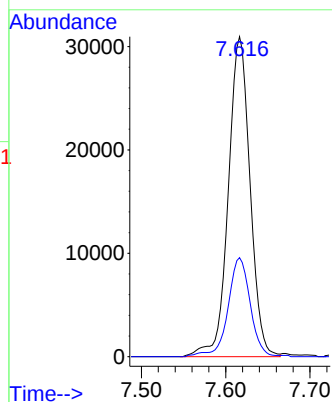
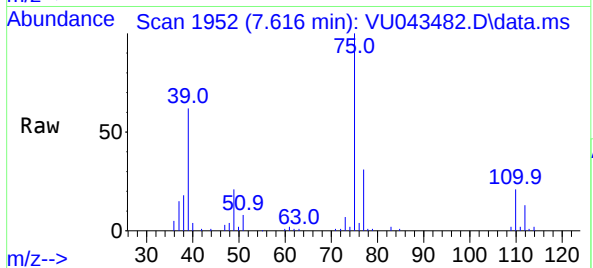




#39
cis-1,3-Dichloropropene
Concen: 5.45 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

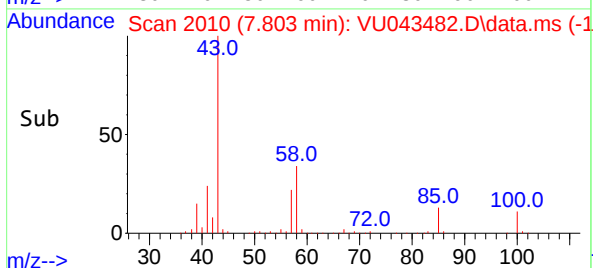
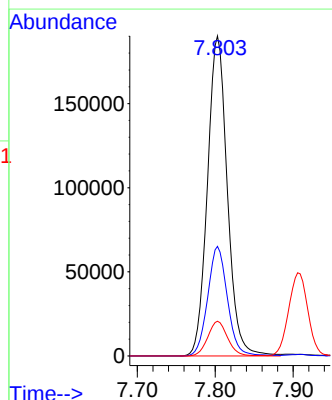
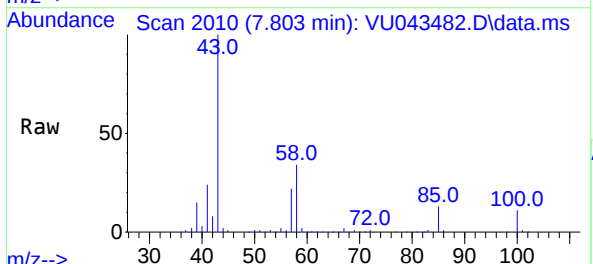
Instrument :
MSVOA_U
ClientSampled :

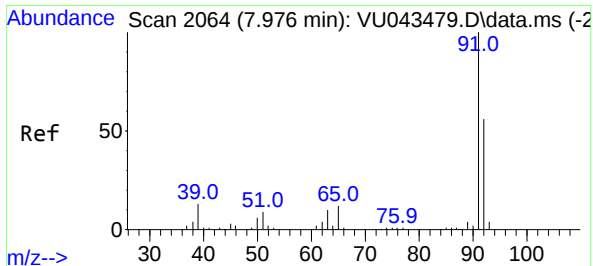
Tgt Ion: 75 Resp: 55468
Ion Ratio Lower Upper
75 100
77 30.9 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 53.71 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 43 Resp: 337094
Ion Ratio Lower Upper
43 100
58 34.1 26.9 40.3
100 10.8 8.6 13.0

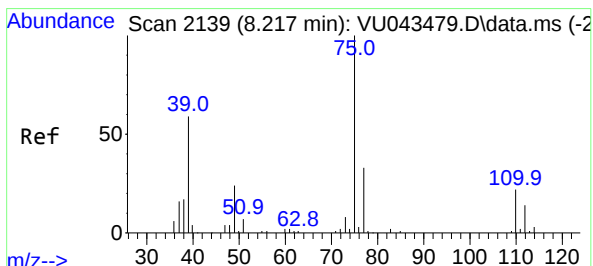
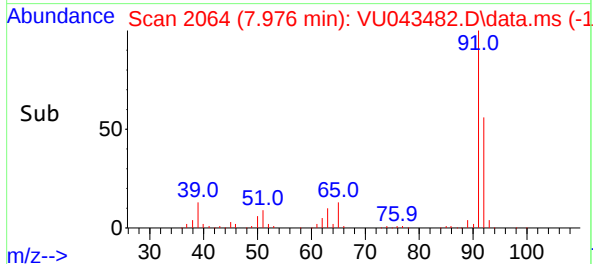
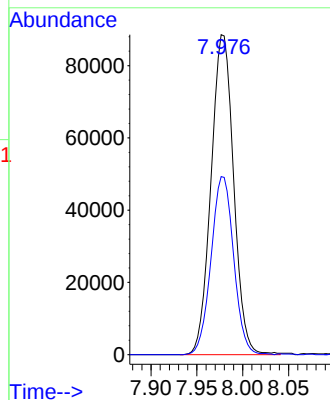
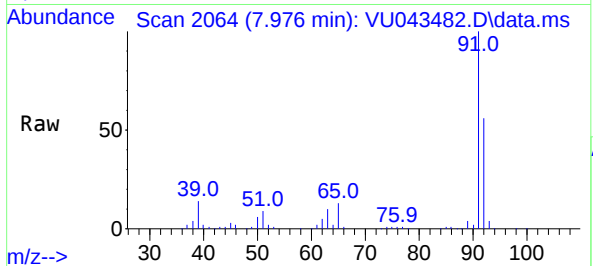




#42
Toluene
Concen: 5.65 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

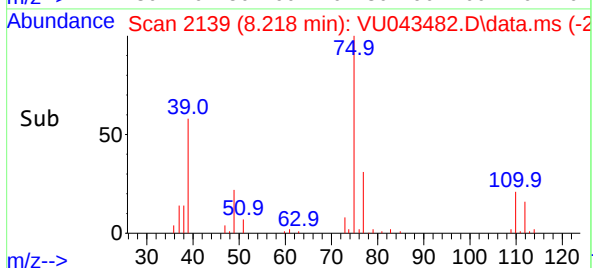
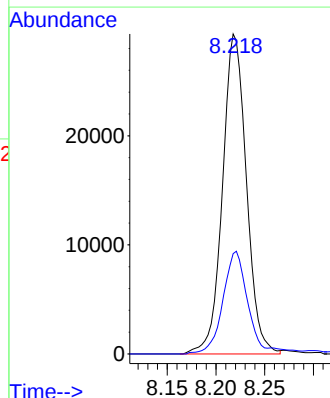
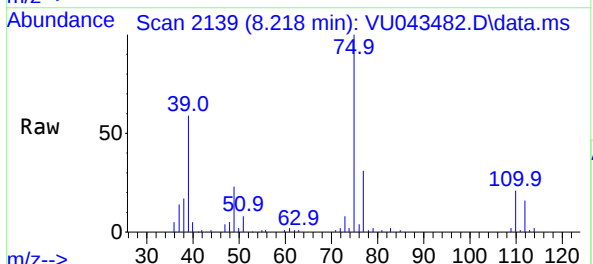
Instrument :
MSVOA_U
ClientSampled :

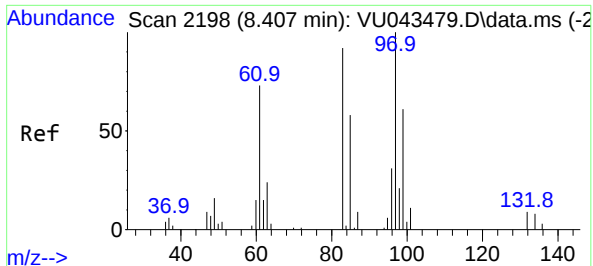
Tgt Ion: 91 Resp: 151778
Ion Ratio Lower Upper
91 100
92 55.6 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.41 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 75 Resp: 50097
Ion Ratio Lower Upper
75 100
77 31.3 23.3 43.3





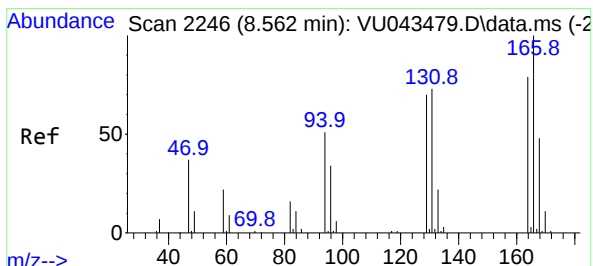
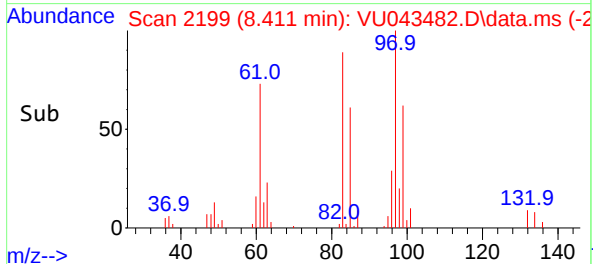
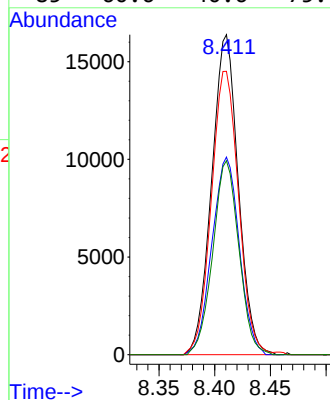
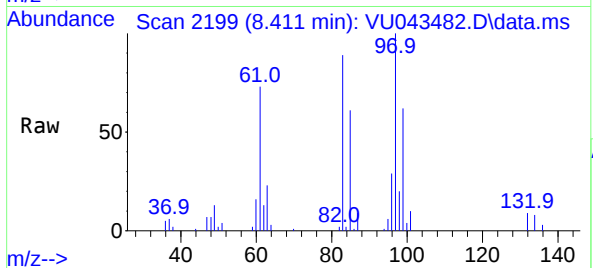
#45

1,1,2-Trichloroethane
Concen: 5.13 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 27201

Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.6	79.0
83	88.5	64.1	119.1
85	60.6	40.6	75.4

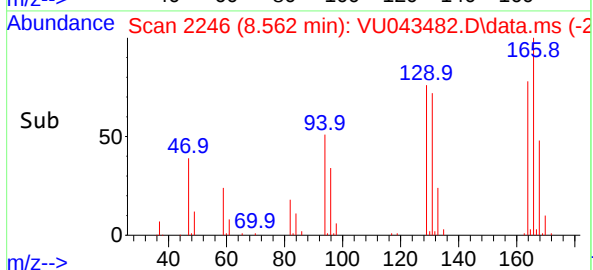
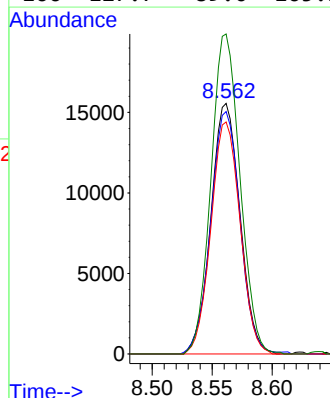
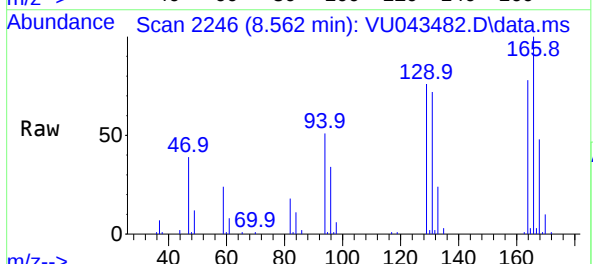


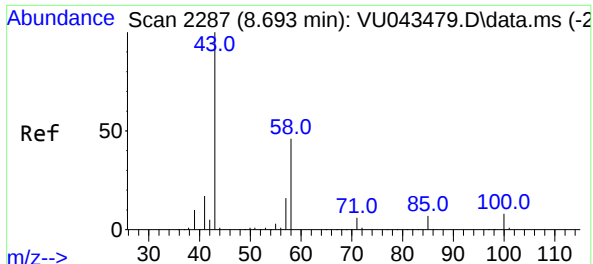
#47

Tetrachloroethene
Concen: 5.43 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 164 Resp: 26240

Ion	Ratio	Lower	Upper
164	100		
129	96.7	62.5	116.1
131	92.6	64.9	120.5
166	127.7	89.0	165.2



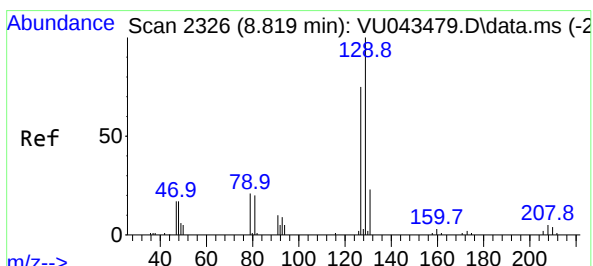
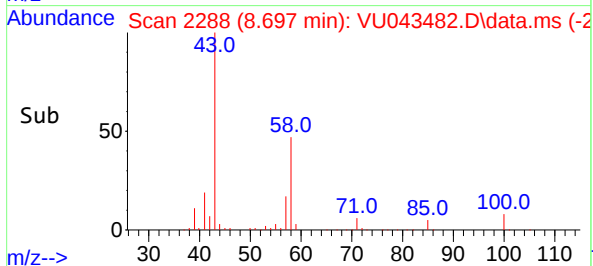
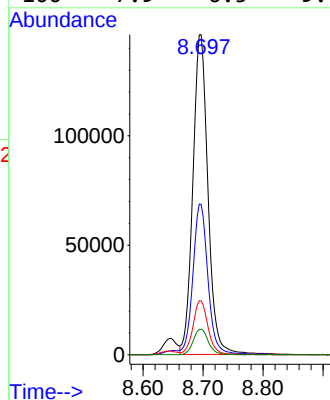
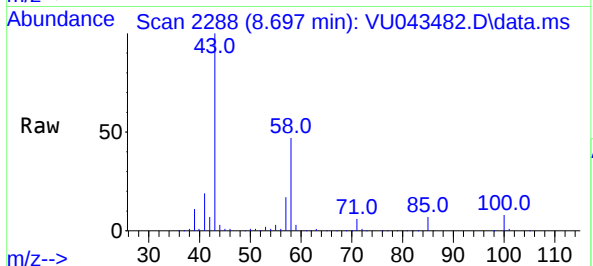


#48
2-Hexanone
Concen: 55.15 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 256751

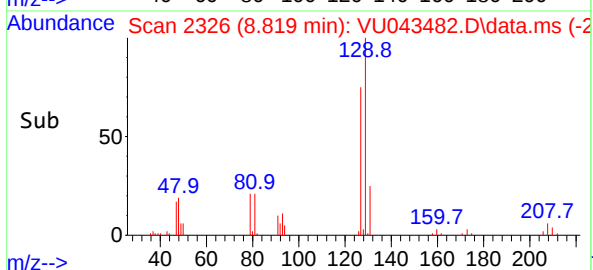
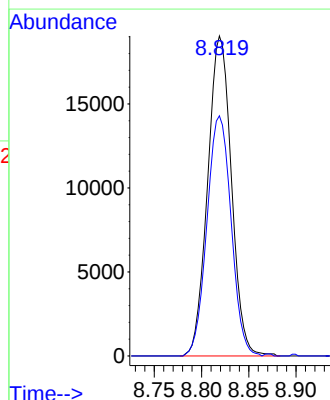
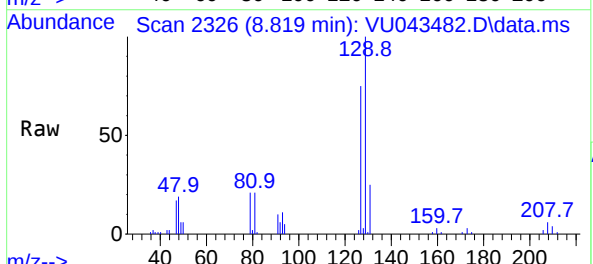
Ion	Ratio	Lower	Upper
43	100		
58	46.5	36.8	55.2
57	16.9	13.2	19.8
100	7.9	6.5	9.7

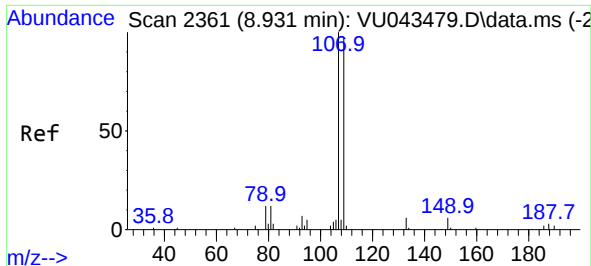


#49
Dibromochloromethane
Concen: 5.19 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 129 Resp: 33243

Ion	Ratio	Lower	Upper
129	100		
127	75.1	52.4	97.4



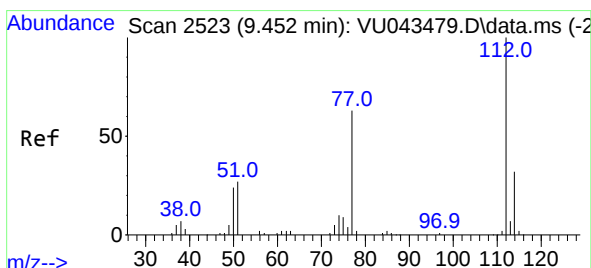
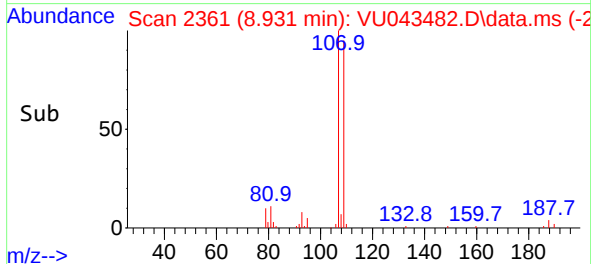
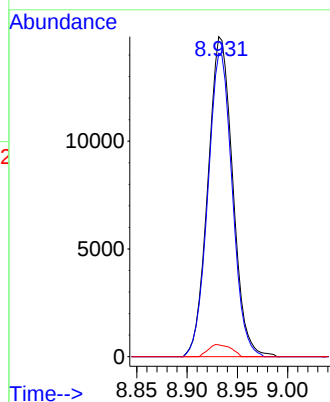
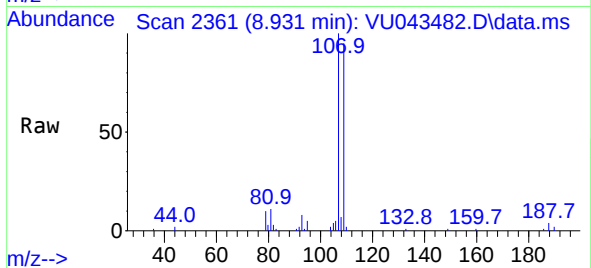


#50
1,2-Dibromoethane
Concen: 5.17 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 25473

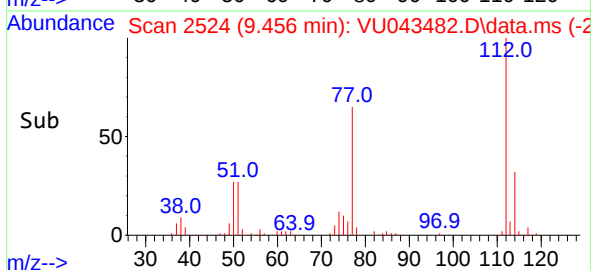
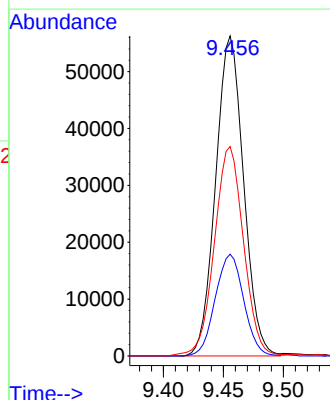
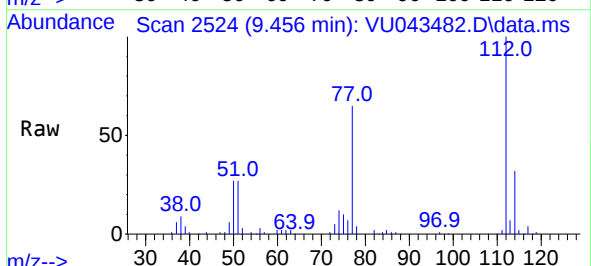
Ion	Ratio	Lower	Upper
107	100		
109	94.8	67.6	125.6
188	3.7	2.6	3.8

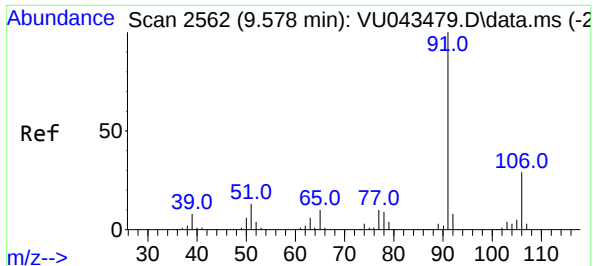


#51
Chlorobenzene
Concen: 5.34 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:112 Resp: 91205

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	41.0
77	65.4	51.0	76.4

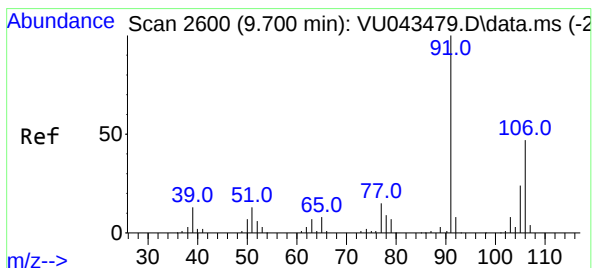
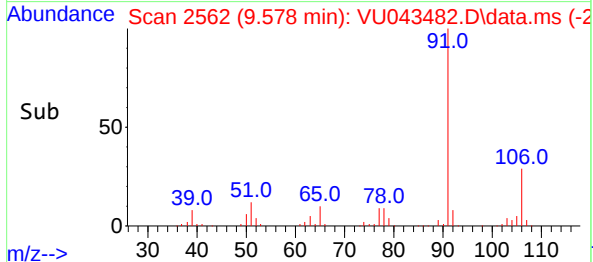
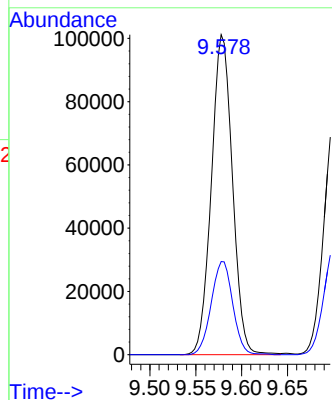
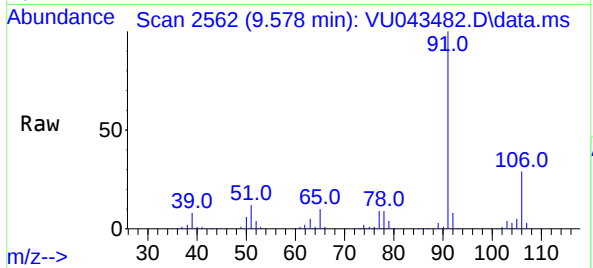




#52
Ethylbenzene
Concen: 5.67 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

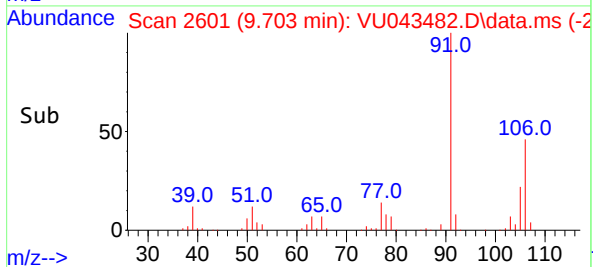
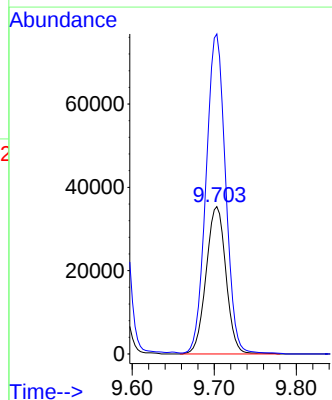
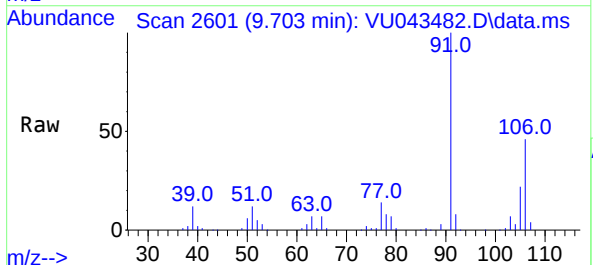
Instrument :
MSVOA_U
ClientSampled :

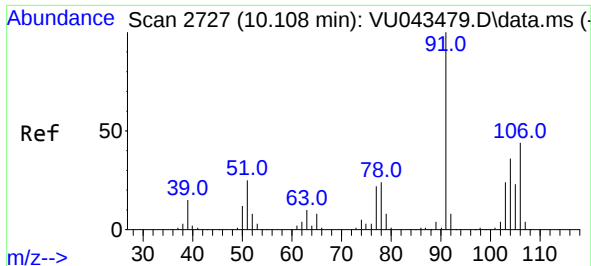
Tgt Ion: 91 Resp: 161610
Ion Ratio Lower Upper
91 100
106 29.1 20.5 38.1



#53
m,p-Xylene
Concen: 5.74 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 106 Resp: 59401
Ion Ratio Lower Upper
106 100
91 217.1 150.3 279.1

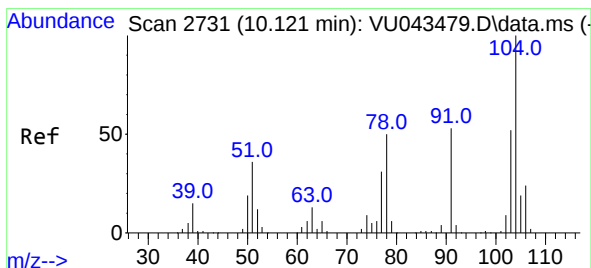
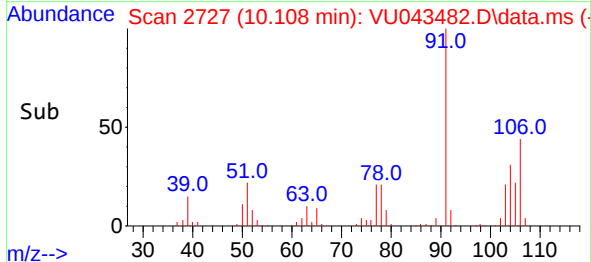
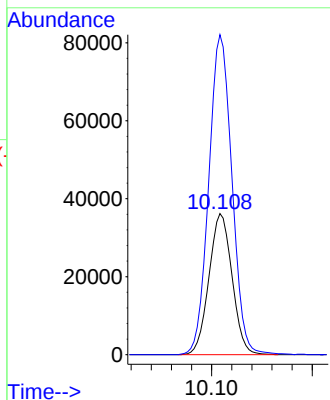
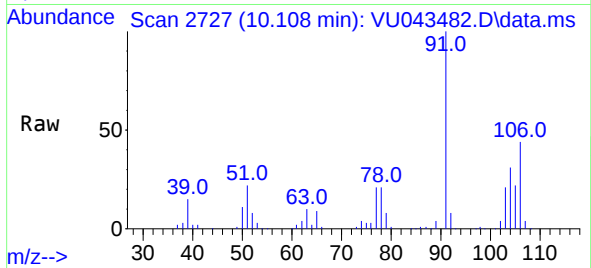




#54
o-Xylene
Concen: 5.74 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

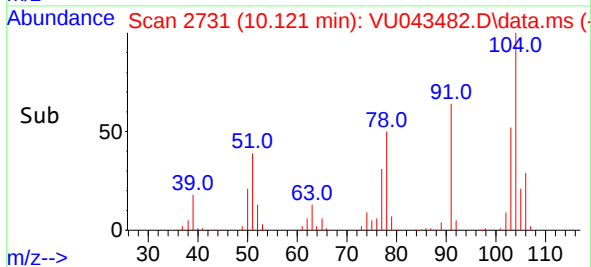
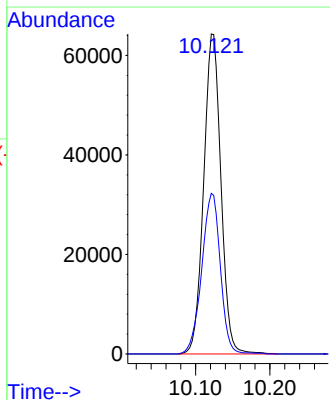
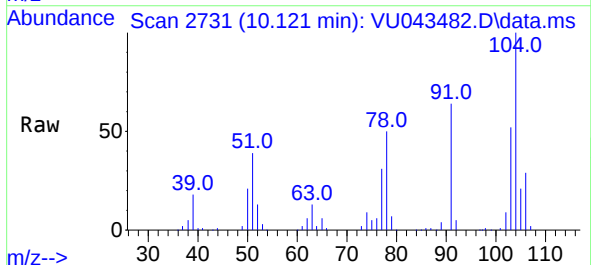
Instrument :
MSVOA_U
ClientSampled :

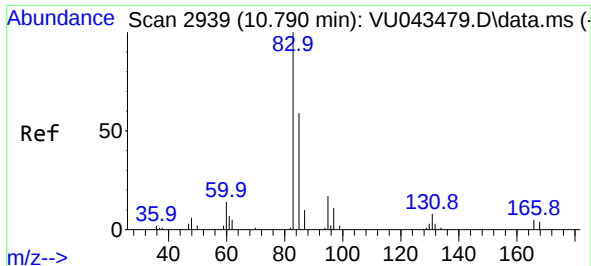
Tgt Ion:106 Resp: 57744
Ion Ratio Lower Upper
106 100
91 226.7 157.3 292.1



#55
Styrene
Concen: 5.88 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:104 Resp: 103612
Ion Ratio Lower Upper
104 100
78 50.2 35.3 65.5

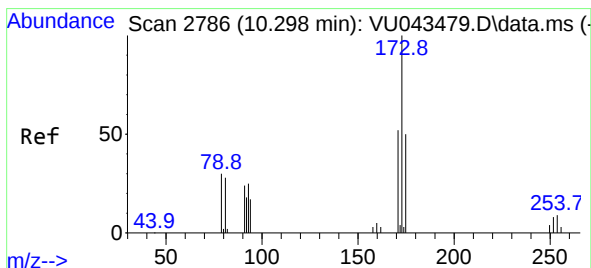
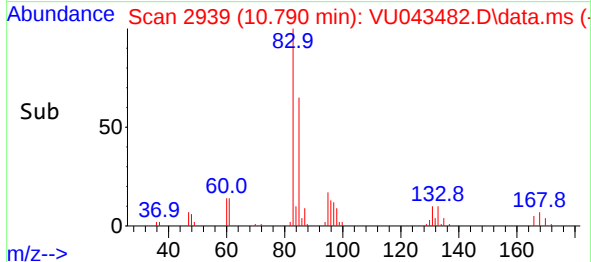
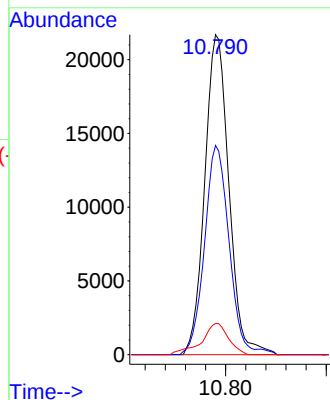
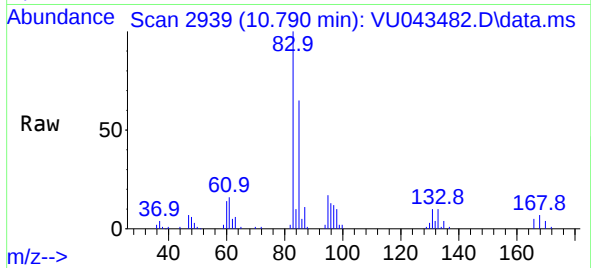




#57
1,1,2,2-Tetrachloroethane
Concen: 5.06 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

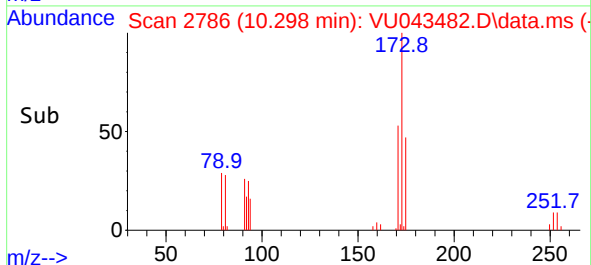
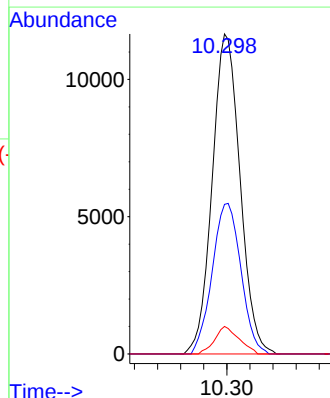
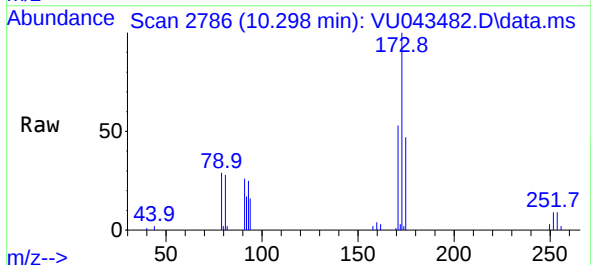
Instrument :
MSVOA_U
ClientSampled :

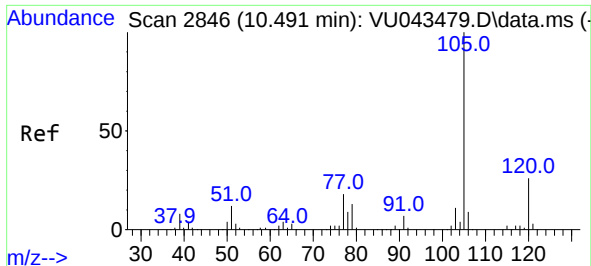
Tgt Ion: 83 Resp: 36129
Ion Ratio Lower Upper
83 100
85 65.4 42.6 79.0
131 9.8 7.4 11.2



#59
Bromoform
Concen: 5.00 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:173 Resp: 19503
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.0
254 7.5 5.9 8.9

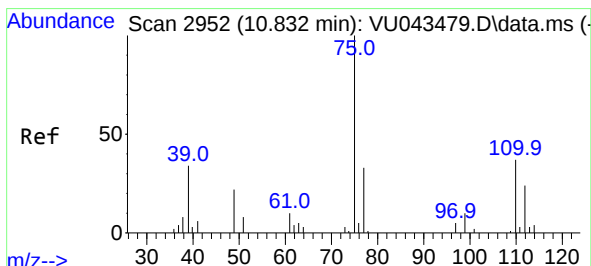
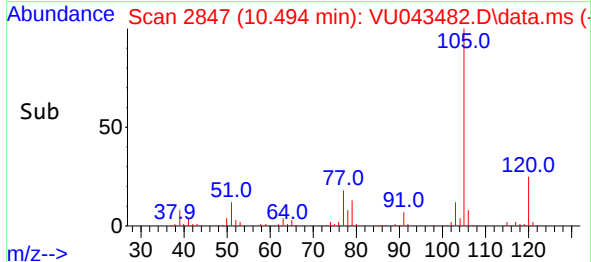
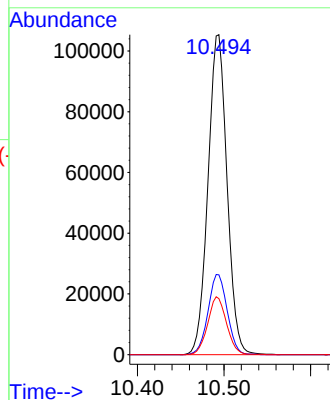
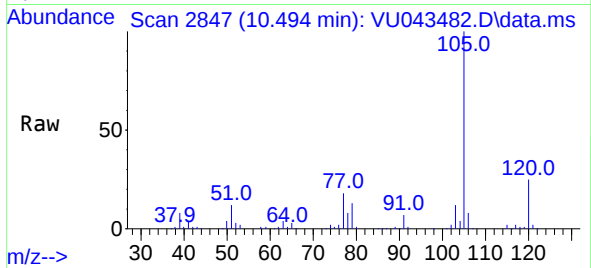




#60
Isopropylbenzene
Concen: 5.51 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

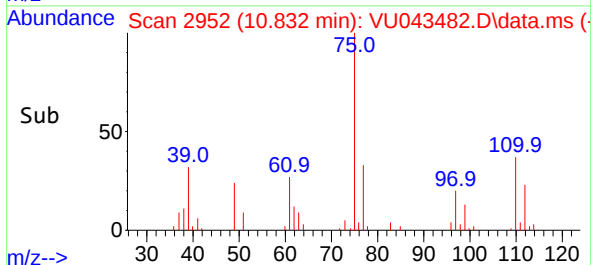
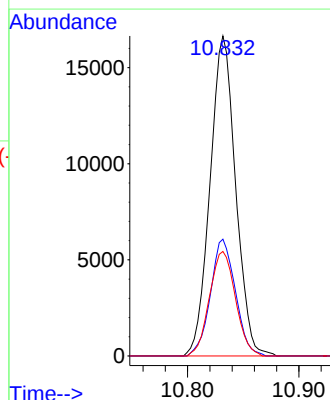
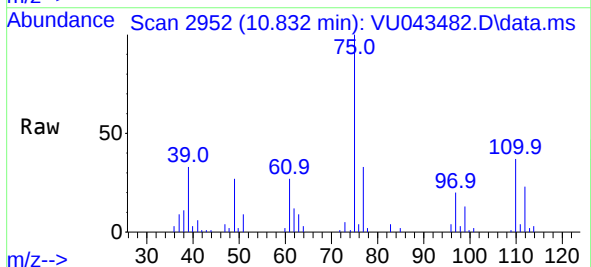
Instrument :
MSVOA_U
ClientSampled :

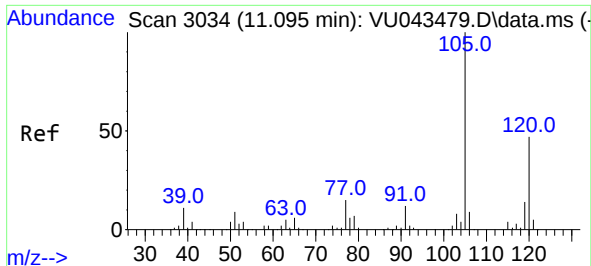
Tgt Ion:105 Resp: 160910
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6
77 17.9 14.6 21.8



#61
1,2,3-Trichloropropane
Concen: 4.90 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 75 Resp: 26570
Ion Ratio Lower Upper
75 100
110 35.5 28.6 42.8
77 33.2 25.7 38.5

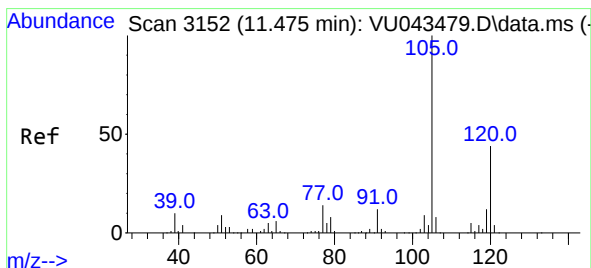
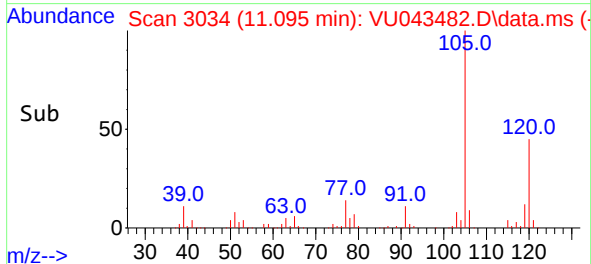
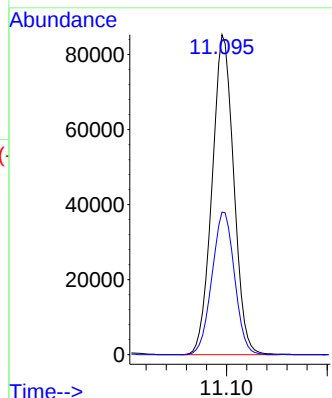
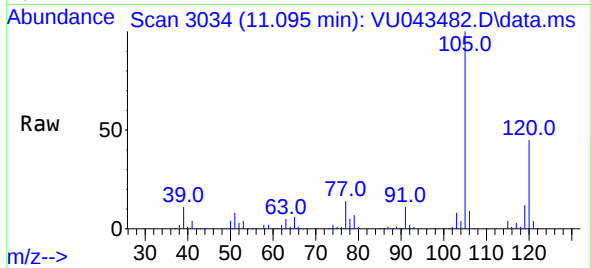




#62
1,3,5-Trimethylbenzene
Concen: 5.57 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

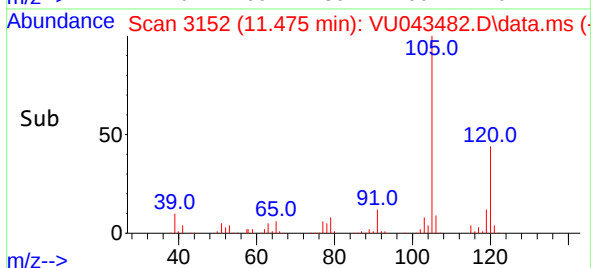
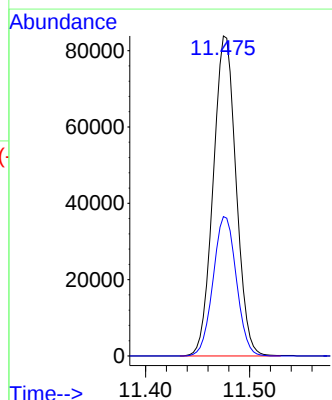
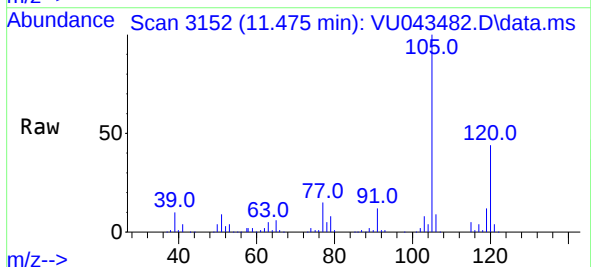
Instrument :
MSVOA_U
ClientSampled :

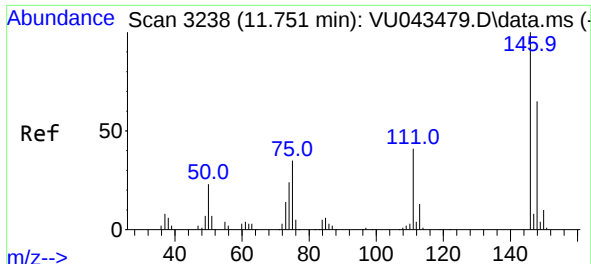
Tgt Ion:105 Resp: 127789
Ion Ratio Lower Upper
105 100
120 46.3 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.58 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:105 Resp: 128323
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.0

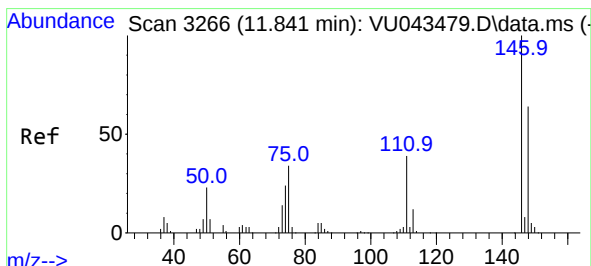
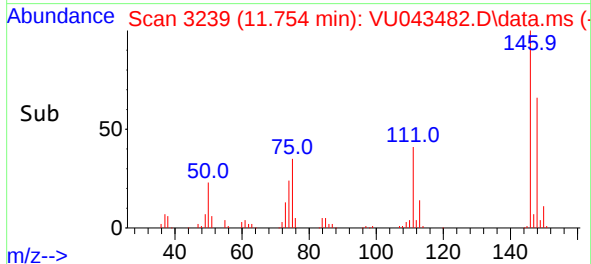
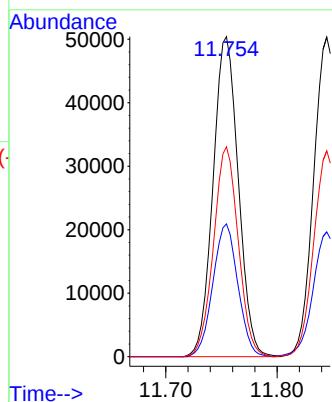
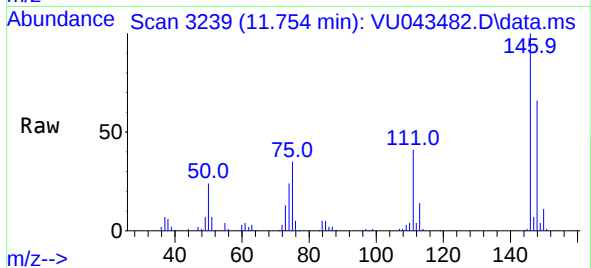




#64
1,3-Dichlorobenzene
Concen: 5.48 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

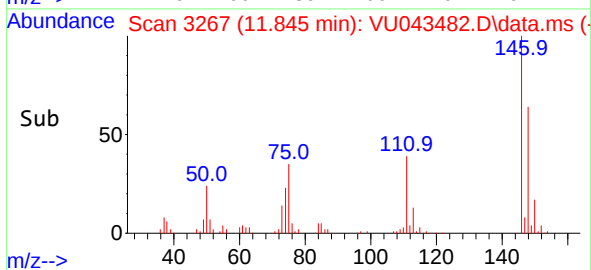
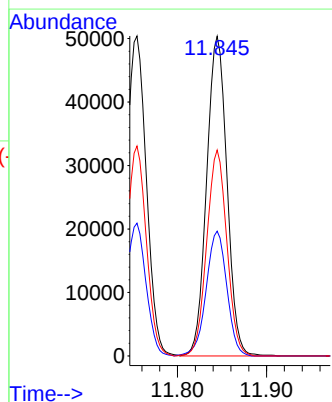
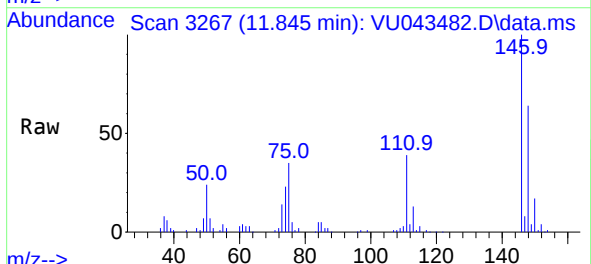
Instrument :
MSVOA_U
ClientSampled :

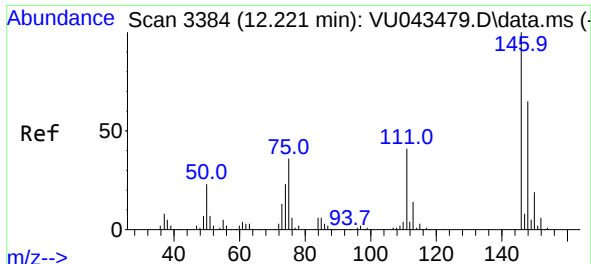
Tgt Ion:146 Resp: 79315
Ion Ratio Lower Upper
146 100
111 41.5 28.9 53.7
148 65.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.36 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:146 Resp: 79637
Ion Ratio Lower Upper
146 100
111 39.0 27.6 51.2
148 64.4 44.6 82.8

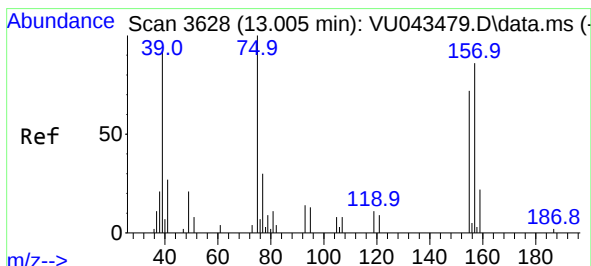
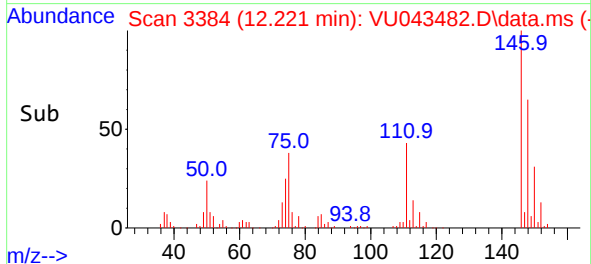
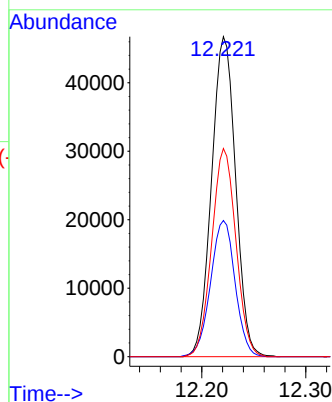
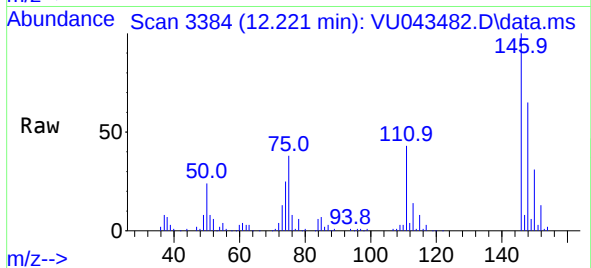




#67
1,2-Dichlorobenzene
Concen: 5.16 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

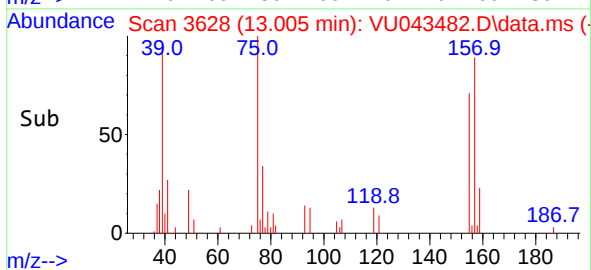
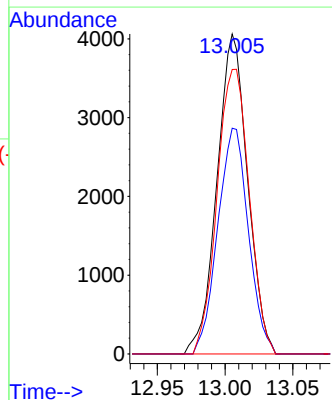
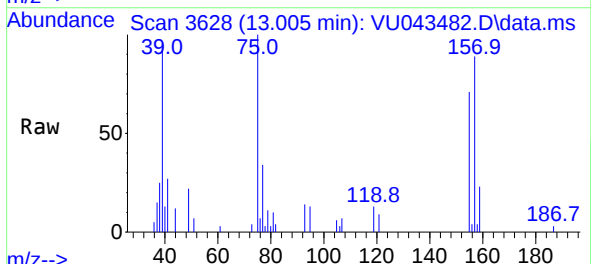
Instrument :
MSVOA_U
ClientSampled :

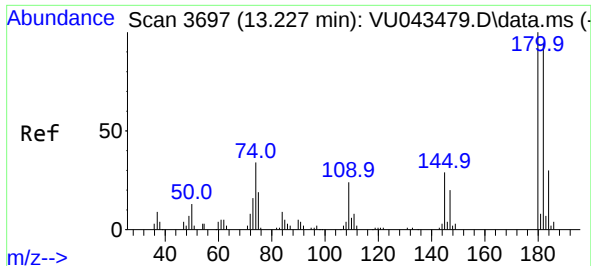
Tgt Ion:146 Resp: 75260
Ion Ratio Lower Upper
146 100
111 42.6 32.6 49.0
148 65.1 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.93 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion: 75 Resp: 6377
Ion Ratio Lower Upper
75 100
155 70.5 57.8 86.6
157 88.9 68.5 102.7

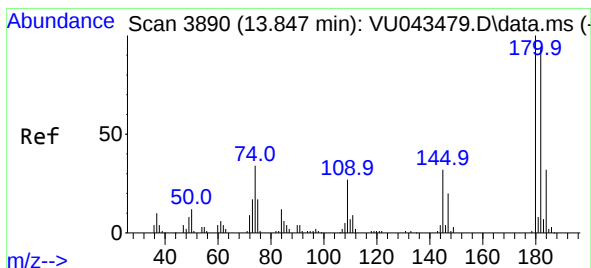
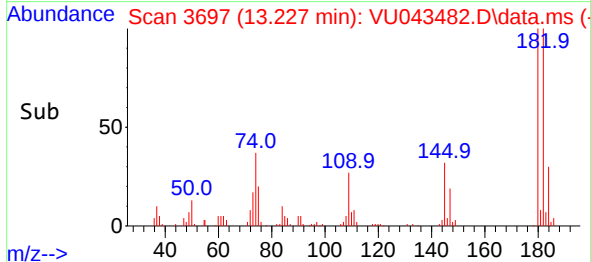
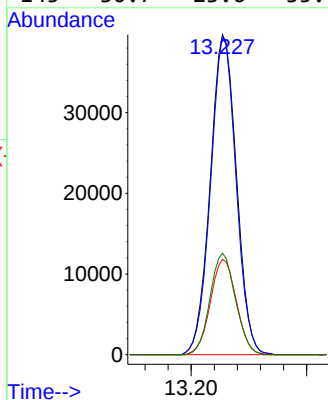
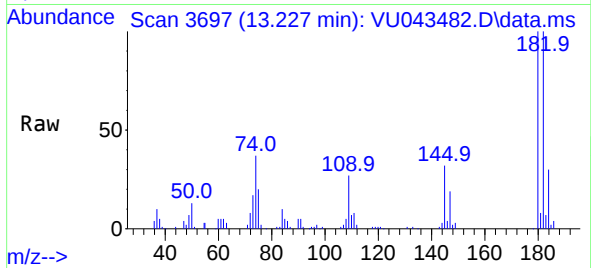




#69
1,3,5-Trichlorobenzene
Concen: 5.45 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

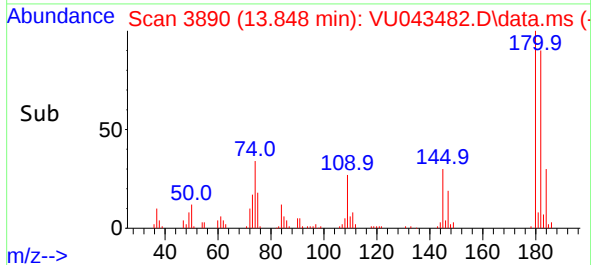
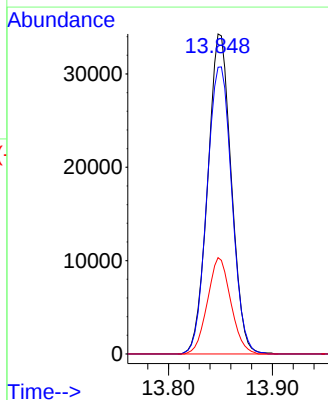
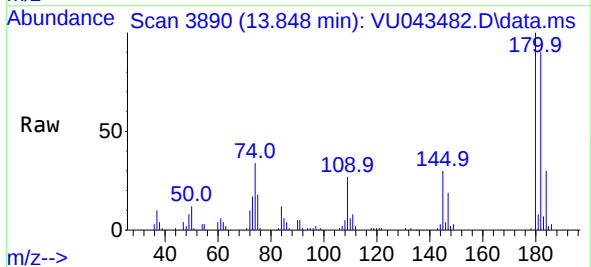
Instrument :
MSVOA_U
ClientSampled :

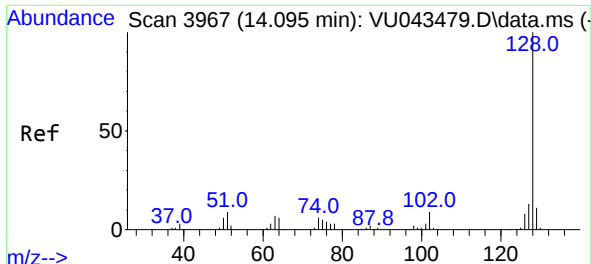
Tgt Ion:180 Resp: 62480
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
184 29.6 24.1 36.1
145 30.7 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 5.71 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:180 Resp: 53996
Ion Ratio Lower Upper
180 100
182 94.5 75.9 113.9
145 29.8 24.6 37.0

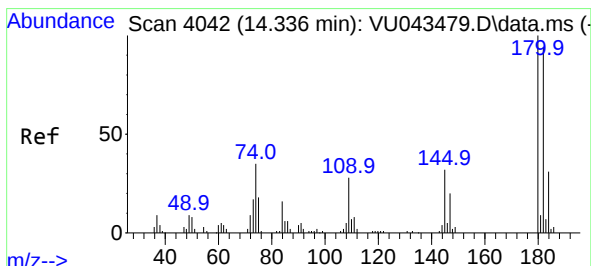
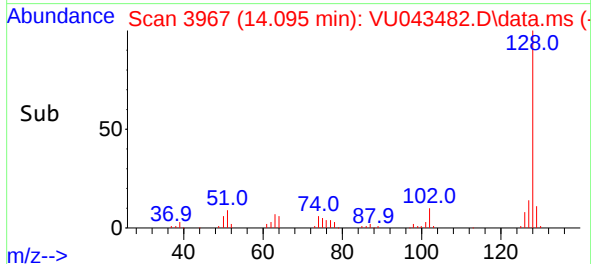
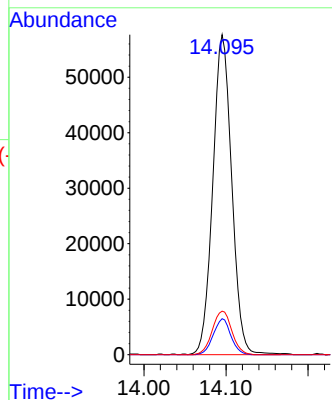
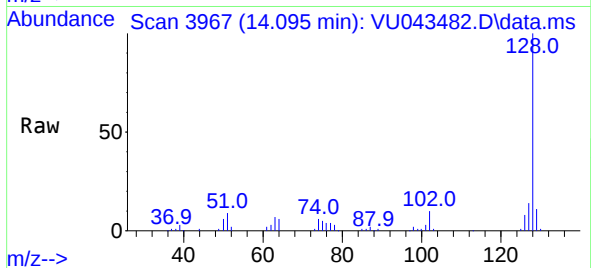




#71
Naphthalene
Concen: 5.68 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 92531
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 14.1 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.66 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043482.D
Acq: 03 May 2021 12:00

Tgt Ion:180 Resp: 50207
Ion Ratio Lower Upper
180 100
182 98.2 75.7 113.5
145 32.3 25.7 38.5

