

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042172.D
 Acq On : 22 Jan 2021 16:10
 Operator : SY/MD
 Sample : M1222-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E14

Quant Time: Jan 23 06:22:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26893	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.919	69	22866	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.572	63	46548	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.645	46	84157	35.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.48%
24) Chloroform-d	5.073	84	62569	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.713	65	39078	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.735	84	114982	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	38852	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	106374	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.186	79	17630	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.642	63	85655	48.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.04%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35427	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	45851	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	384	0.05	ug/L #	18
13) Acetone	2.658	43	6816	4.28	ug/L	100
14) Carbon disulfide	2.800	76	1176	0.05	ug/L #	75
15) Methyl Acetate	2.964	43	526	0.14	ug/L #	55
17) Methyl tert-butyl Ether	3.369	73	2007	0.10	ug/L #	89
21) 2-Butanone	4.729	43	2552	0.96	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	2741	0.35	ug/L	92
27) 1,2-Dichloroethane	5.735	62	671	0.07	ug/L #	75
33) Benzene	5.784	78	1646	0.06	ug/L	100
35) Methylcyclohexane	6.700	83	9528	0.75	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	4557	0.62	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1250	0.10	ug/L #	70
42) Toluene	7.977	91	3531	0.12	ug/L	94
44) trans-1,3-Dichloropropene	8.192	75	797	0.07	ug/L #	64
47) Tetrachloroethene	8.562	164	671	0.11	ug/L	84
48) 2-Hexanone	8.697	43	14683	3.35	ug/L	94
49) Dibromochloromethane	8.555	129	525	0.07	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6081	1.17	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
Data File : VU042172.D
Acq On : 22 Jan 2021 16:10
Operator : SY/MD
Sample : M1222-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F1E14

Quant Time: Jan 23 06:22:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 23 06:18:59 2021
Response via : Initial Calibration

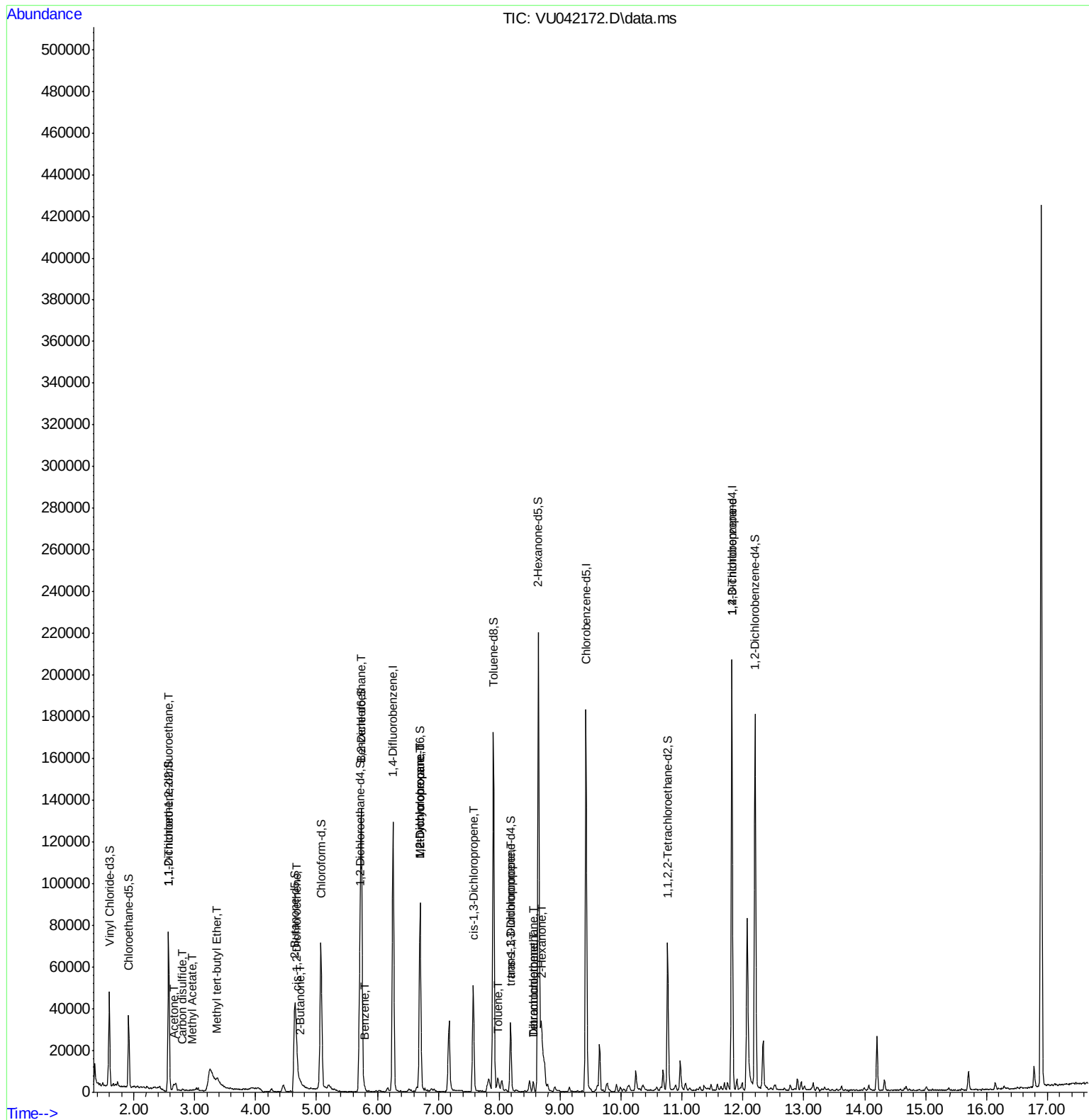
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

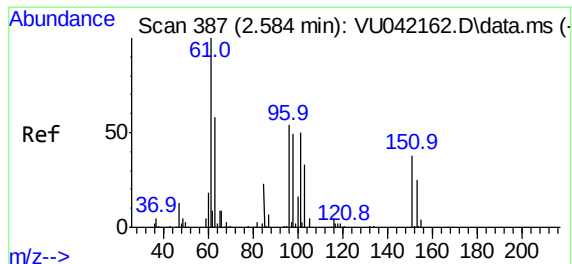
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
Data File : VU042172.D
Acq On : 22 Jan 2021 16:10
Operator : SY/MD
Sample : M1222-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F1E14

Quant Time: Jan 23 06:22:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 23 06:18:59 2021
Response via : Initial Calibration

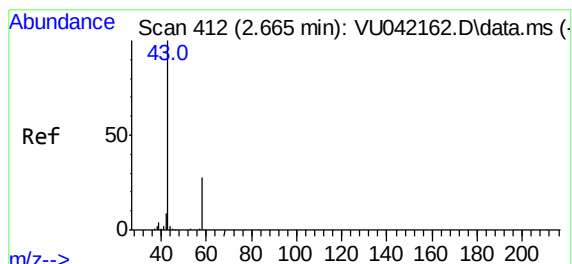
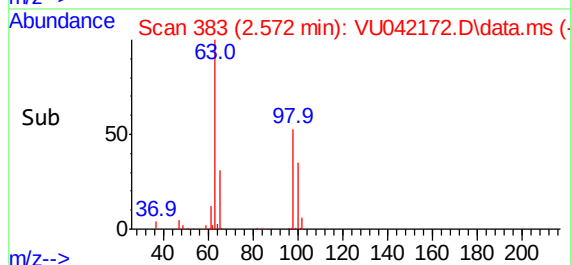
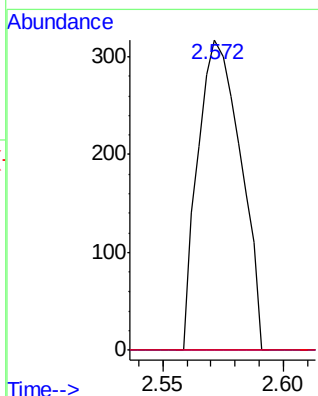
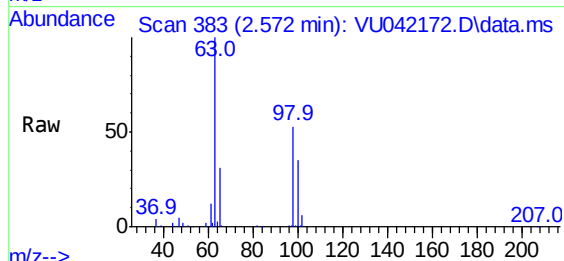




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

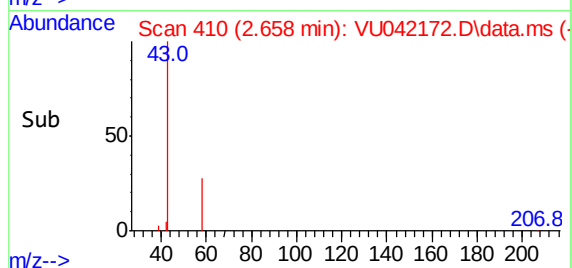
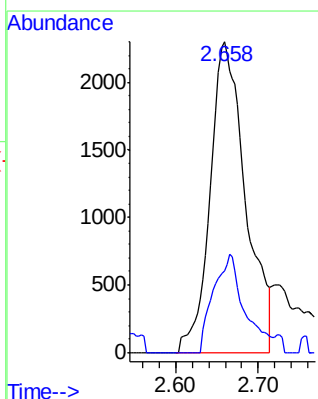
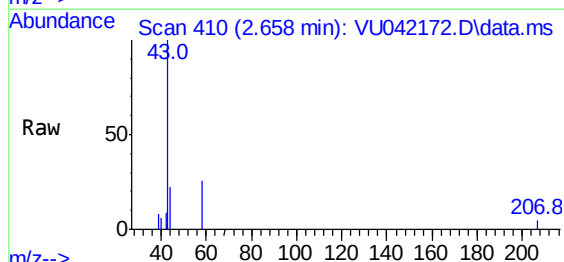
Instrument :
MSVOA_U
ClientSampleId :
F1E14

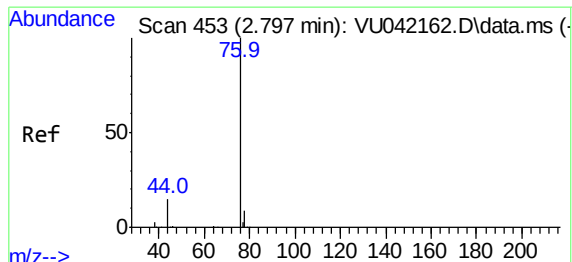
Tgt Ion:101 Resp: 384
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#13
Acetone
Concen: 4.28 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
58 27.7 0.0 55.8

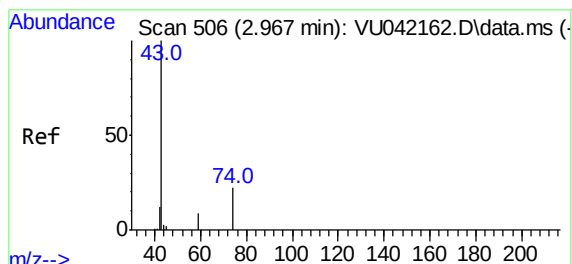
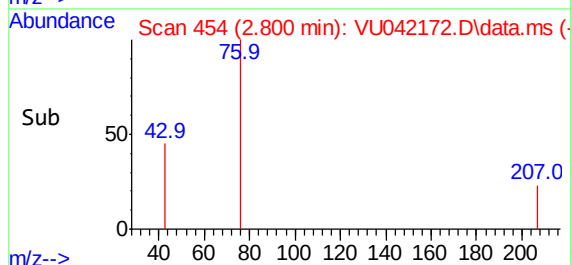
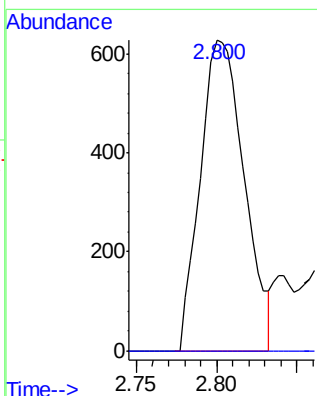
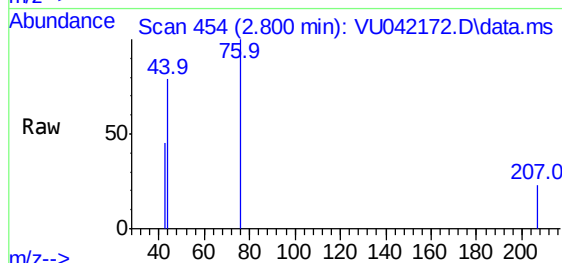




#14
Carbon disulfide
Concen: 0.05 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

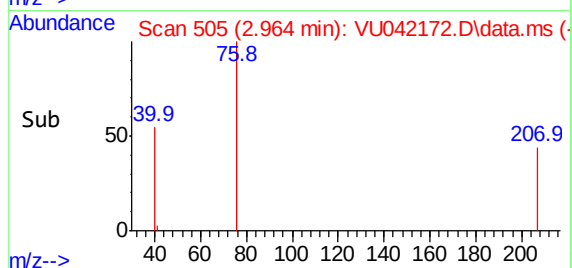
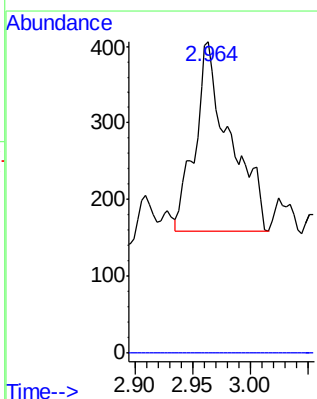
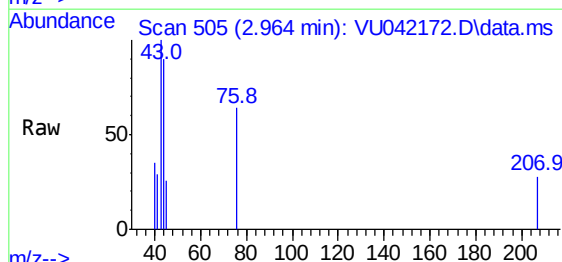
Instrument :
MSVOA_U
ClientSampleId :
F1E14

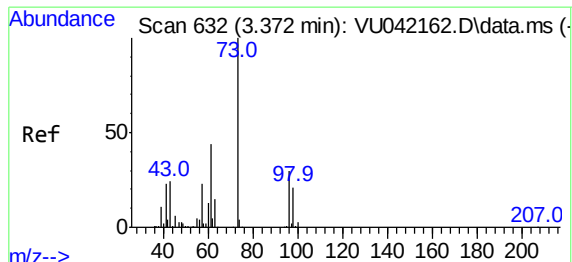
Tgt Ion: 76 Resp: 1176
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#15
Methyl Acetate
Concen: 0.14 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#





#17

Methyl tert-butyl Ether

Concen: 0.10 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.003 min

Lab File: VU042172.D

Acq: 22 Jan 2021 16:10

Tgt Ion: 73 Resp: 2007

Ion Ratio Lower Upper

73 100

43 23.9 18.9 28.3

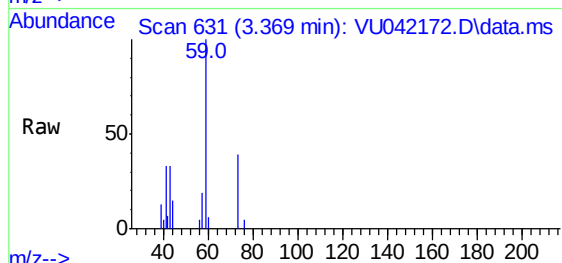
57 33.3 18.2 27.4#

Instrument :

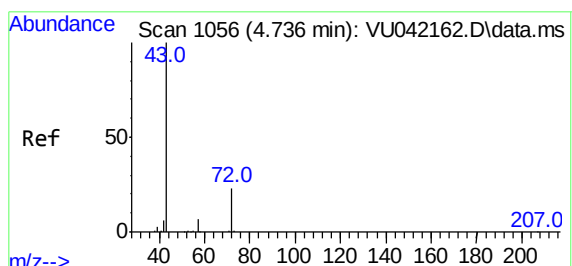
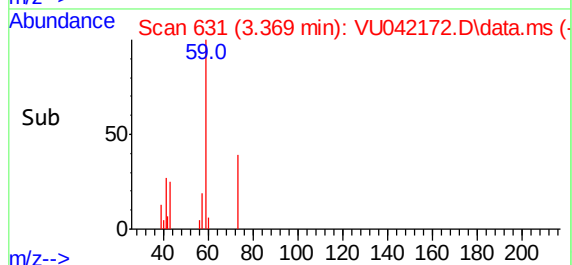
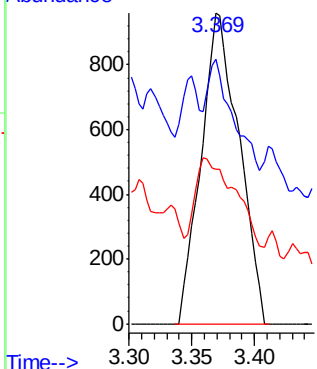
MSVOA_U

ClientSampleId :

F1E14



Abundance



#21

2-Butanone

Concen: 0.96 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VU042172.D

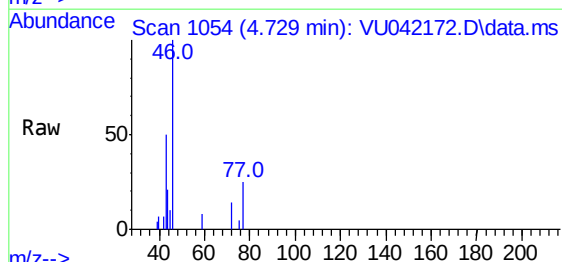
Acq: 22 Jan 2021 16:10

Tgt Ion: 43 Resp: 2552

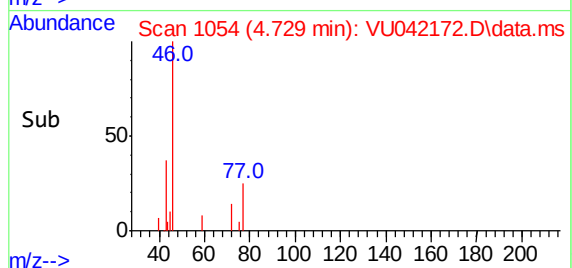
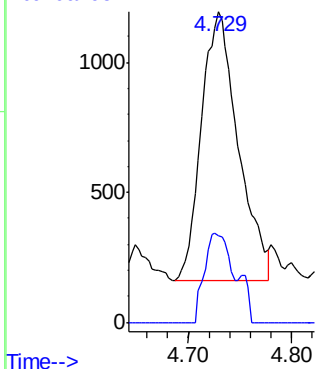
Ion Ratio Lower Upper

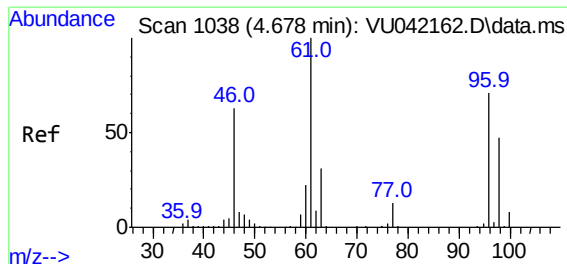
43 100

72 24.1 11.7 35.1



Abundance



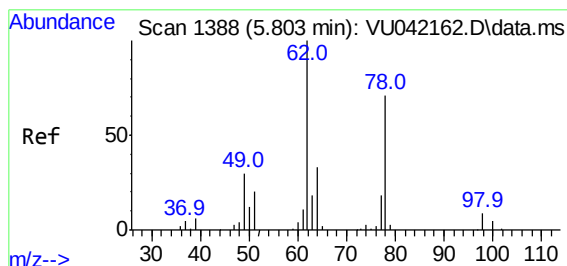
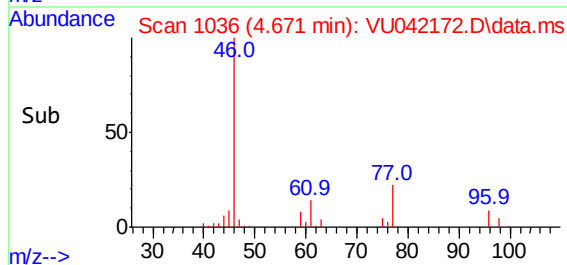
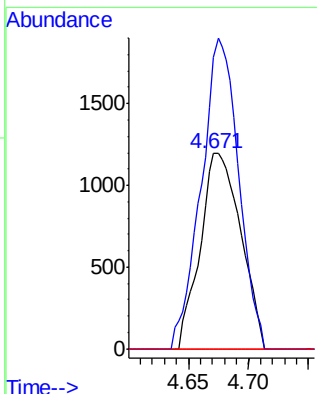
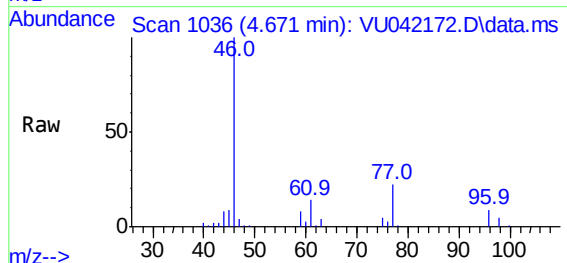


#22
 cis-1,2-Dichloroethene
 Concen: 0.35 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VU042172.D
 Acq: 22 Jan 2021 16:10

Instrument :
 MSVOA_U
 ClientSampled :
 F1E14

Tgt Ion: 96 Resp: 2741

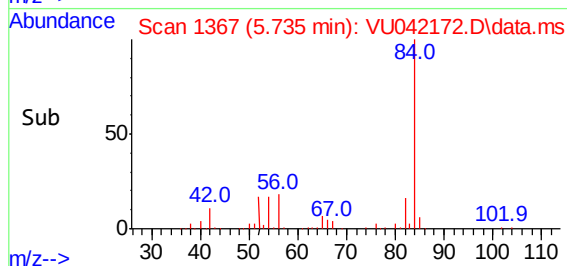
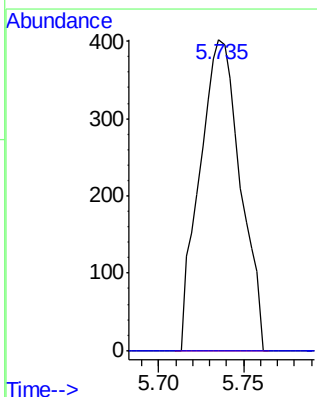
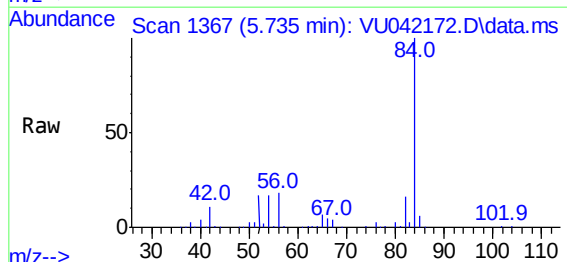
Ion	Ratio	Lower	Upper
96	100		
61	149.2	97.8	181.6
68	0.0	0.0	0.0

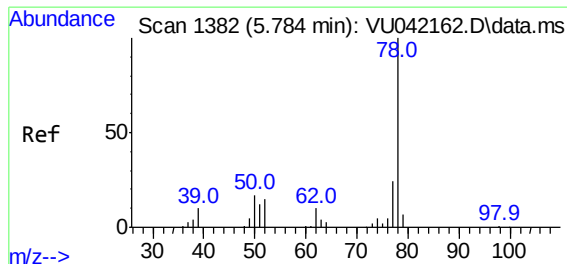


#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.067 min
 Lab File: VU042172.D
 Acq: 22 Jan 2021 16:10

Tgt Ion: 62 Resp: 671

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9

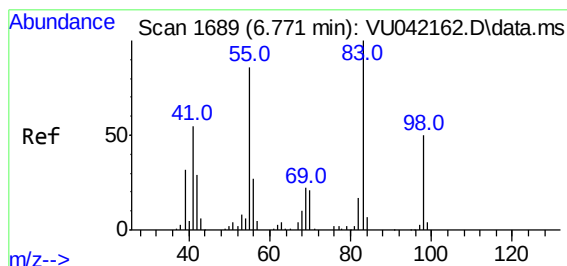
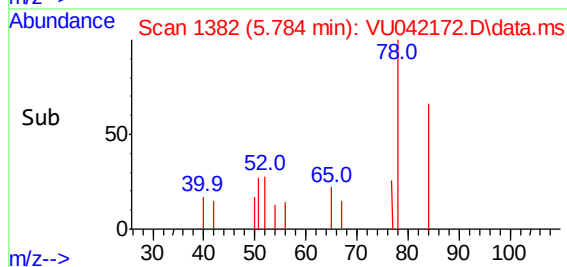
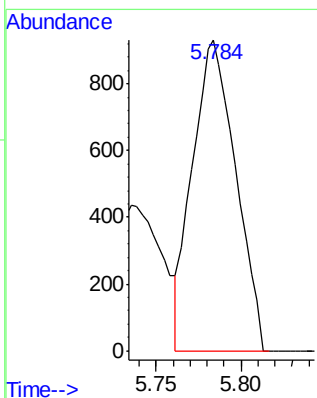
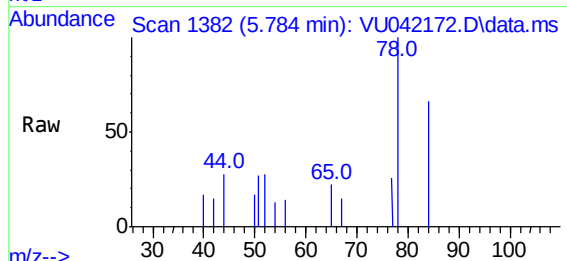




#33
Benzene
Concen: 0.06 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
F1E14

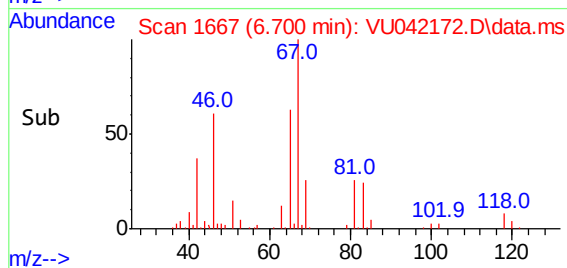
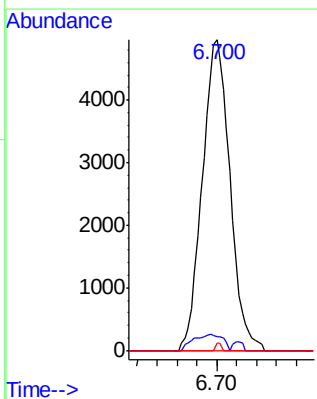
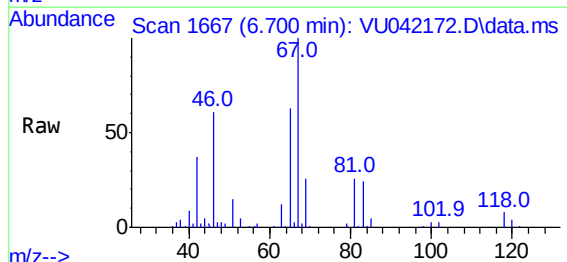
Tgt Ion: 78 Resp: 1646

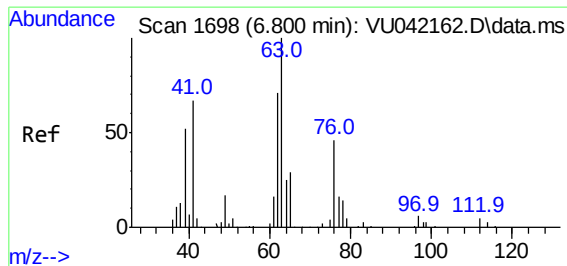


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 83 Resp: 9528

Ion	Ratio	Lower	Upper
83	100		
55	5.4	68.2	102.4#
98	0.5	39.7	59.5#

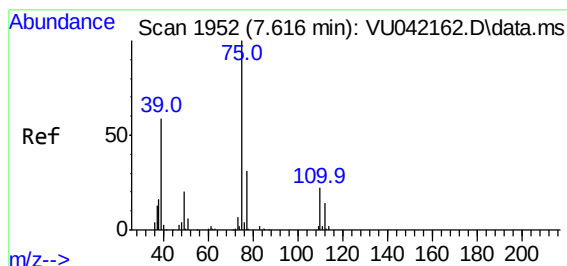
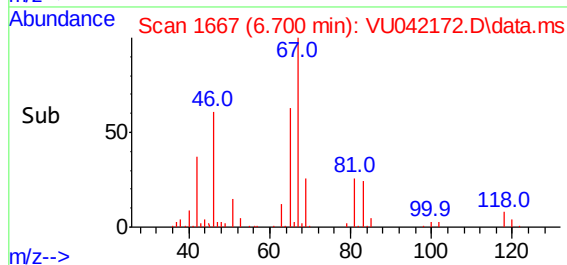
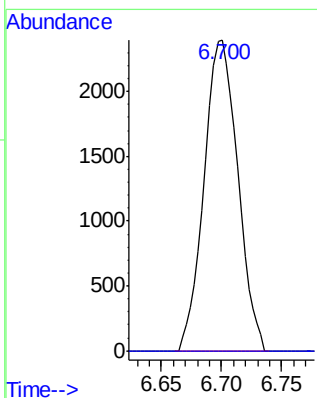
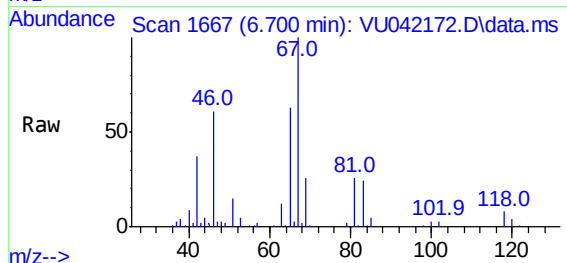




#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

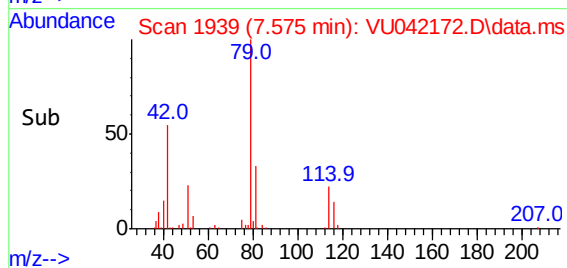
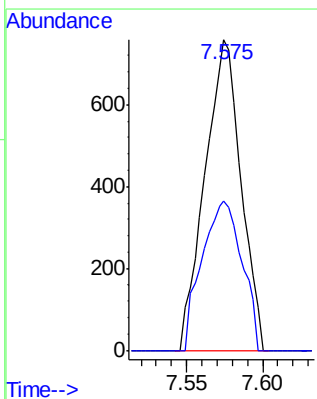
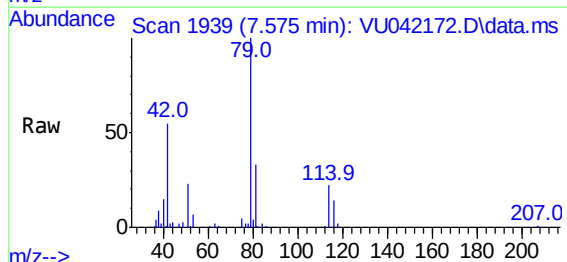
Instrument :
MSVOA_U
ClientSampleId :
F1E14

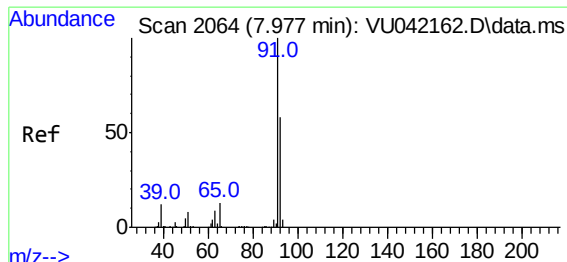
Tgt Ion: 63 Resp: 4557
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 75 Resp: 1250
Ion Ratio Lower Upper
75 100
77 48.0 22.0 40.8#





#42

Toluene

Concen: 0.12 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042172.D

Acq: 22 Jan 2021 16:10

Tgt Ion: 91 Resp: 3531

Ion Ratio Lower Upper

91 100

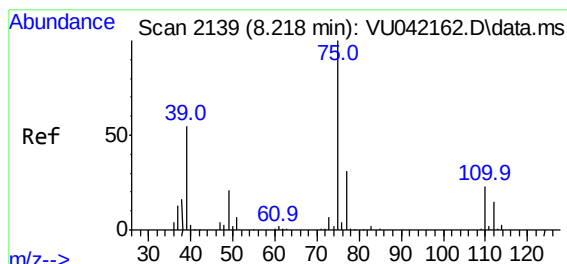
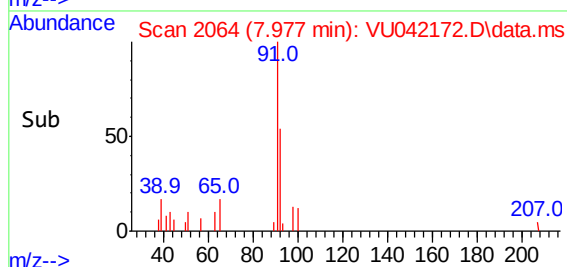
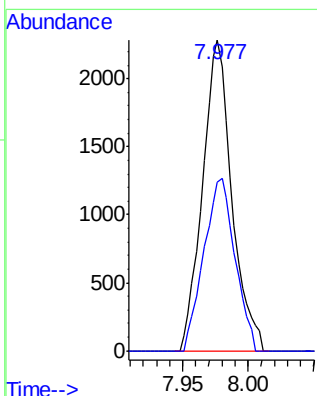
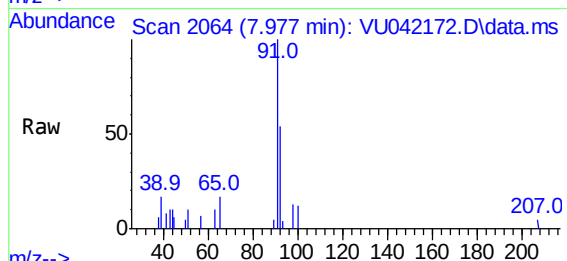
92 54.3 41.2 76.6

Instrument :

MSVOA_U

ClientSampleId :

F1E14



#44

trans-1,3-Dichloropropene

Concen: 0.07 ug/L

RT: 8.192 min Scan# 2131

Delta R.T. -0.026 min

Lab File: VU042172.D

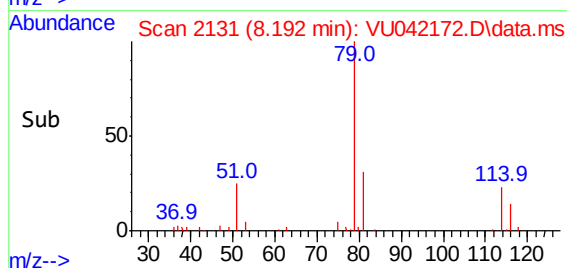
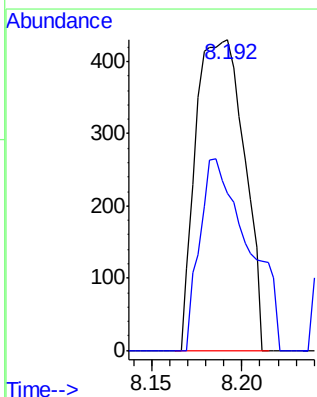
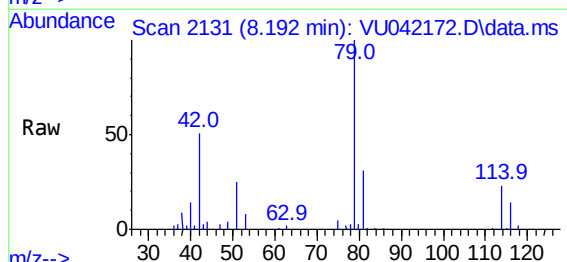
Acq: 22 Jan 2021 16:10

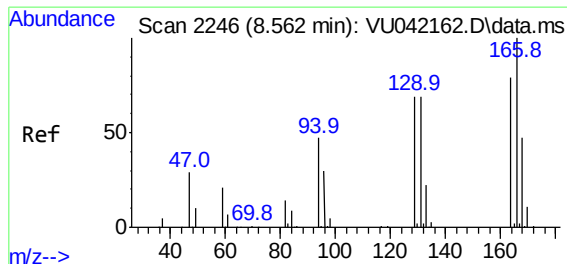
Tgt Ion: 75 Resp: 797

Ion Ratio Lower Upper

75 100

77 50.7 21.8 40.4



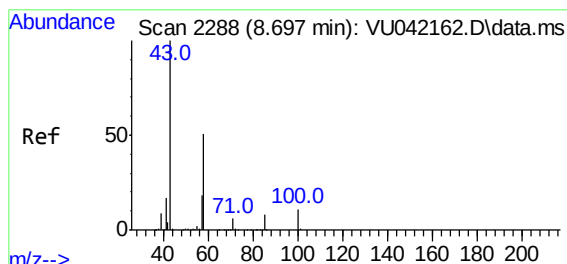
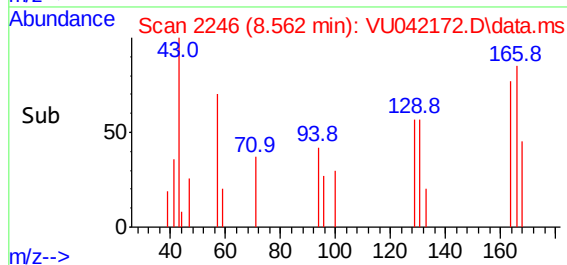
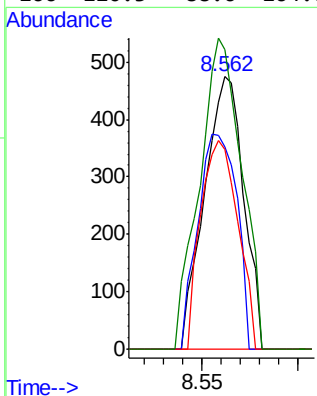
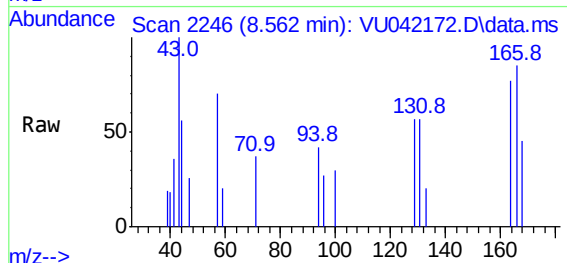


#47
Tetrachloroethene
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
F1E14

Tgt Ion: 164 Resp: 671

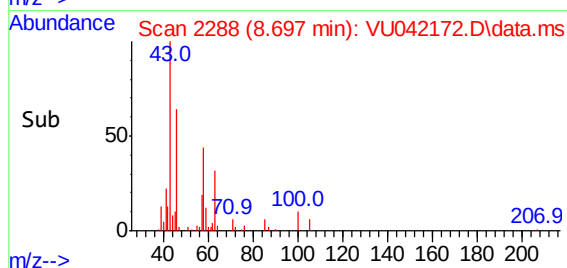
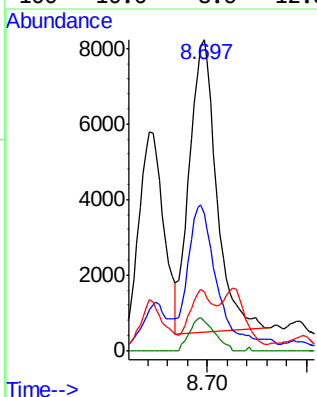
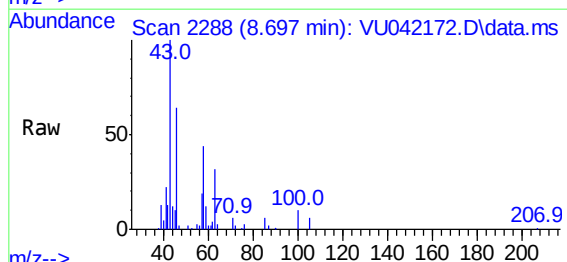
Ion	Ratio	Lower	Upper
164	100		
129	74.5	64.3	119.5
131	73.2	62.2	115.6
166	110.3	88.6	164.6

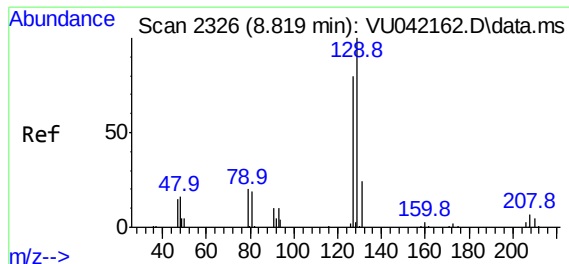


#48
2-Hexanone
Concen: 3.35 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 43 Resp: 14683

Ion	Ratio	Lower	Upper
43	100		
58	56.6	40.6	61.0
57	18.6	14.9	22.3
100	10.0	8.6	12.8

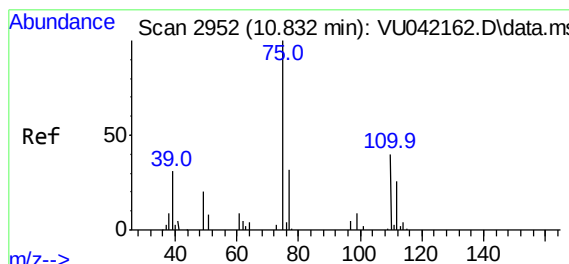
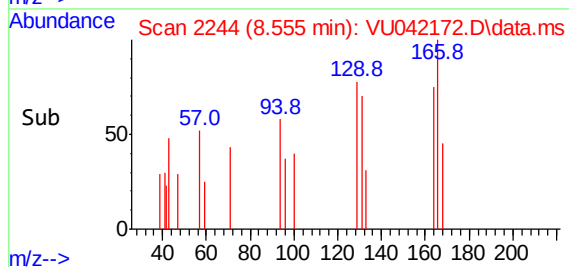
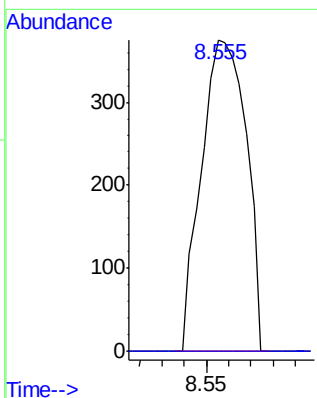
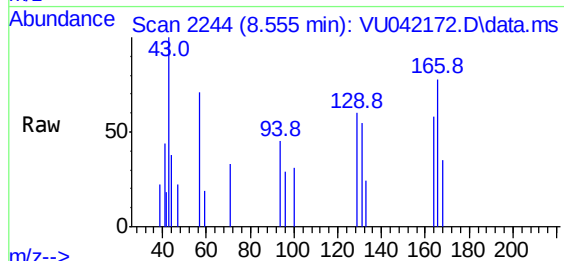




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.264 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :
F1E14

Tgt Ion:129 Resp: 525
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.17 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042172.D
Acq: 22 Jan 2021 16:10

Tgt Ion: 75 Resp: 6081
Ion Ratio Lower Upper
75 100
77 35.8 26.0 39.0

