

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042174.D
 Acq On : 22 Jan 2021 16:58
 Operator : SY/MD
 Sample : M1222-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E16

Quant Time: Jan 23 06:23:36 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)

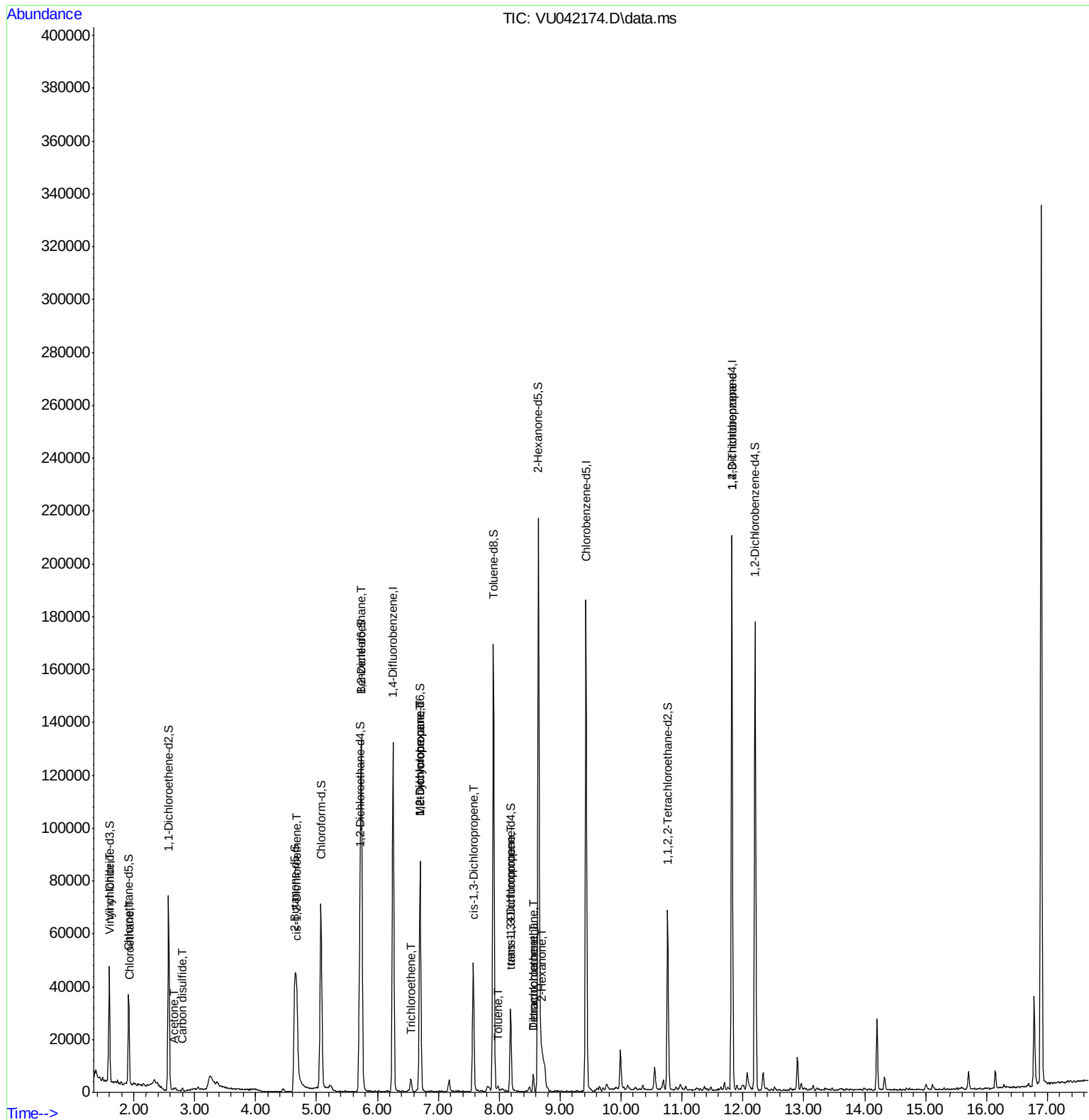
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53383	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25683	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	22708	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.572	63	45477	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.645	46	87837	36.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.90%
24) Chloroform-d	5.073	84	62009	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.713	65	37363	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.735	84	113443	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	37610	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.906	98	103267	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloroprop...	8.189	79	17297	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.642	63	85501	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33440	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	44924	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	558	0.07	ug/L #	1
8) Chloroethane	1.925	64	195	0.04	ug/L #	43
13) Acetone	2.662	43	1591	0.99	ug/L	86
14) Carbon disulfide	2.800	76	1617	0.07	ug/L #	75
22) cis-1,2-Dichloroethene	4.674	96	10194	1.29	ug/L	98
27) 1,2-Dichloroethane	5.735	62	728	0.07	ug/L #	75
34) Trichloroethene	6.549	95	1822	0.24	ug/L	93
35) Methylcyclohexane	6.700	83	8883	0.69	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4528	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1270	0.10	ug/L #	76
42) Toluene	7.980	91	1398	0.05	ug/L	82
44) trans-1,3-Dichloropropene	8.182	75	776	0.07	ug/L #	72
47) Tetrachloroethene	8.558	164	1520	0.24	ug/L	89
48) 2-Hexanone	8.697	43	2911	0.65	ug/L #	53
49) Dibromochloromethane	8.562	129	1193	0.16	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5703	1.07	ug/L	89

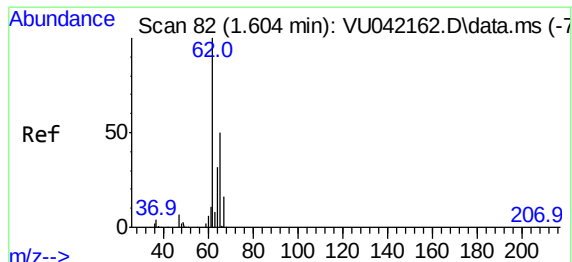
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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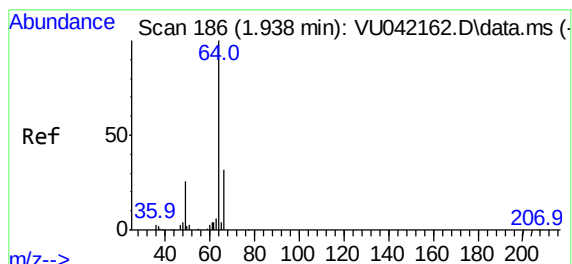
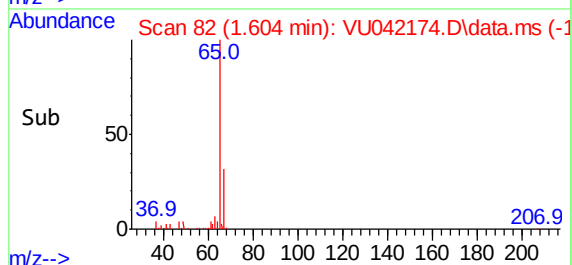
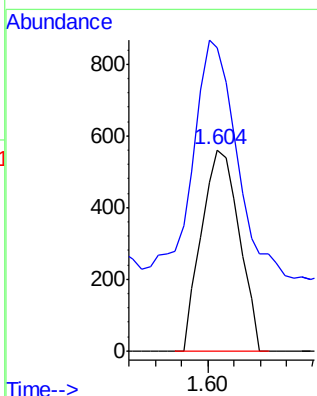
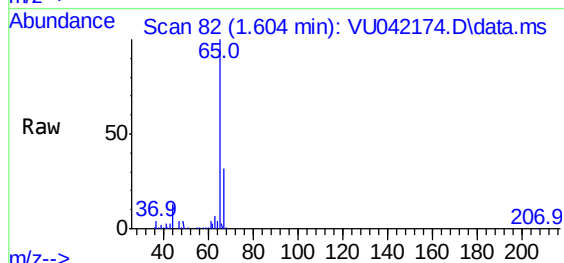




#5
 Vinyl chloride
 Concen: 0.07 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU042174.D
 Acq: 22 Jan 2021 16:58

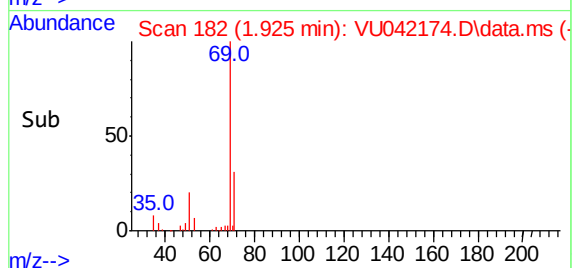
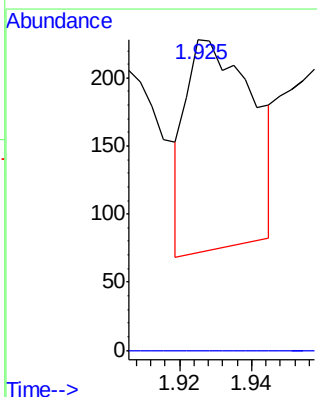
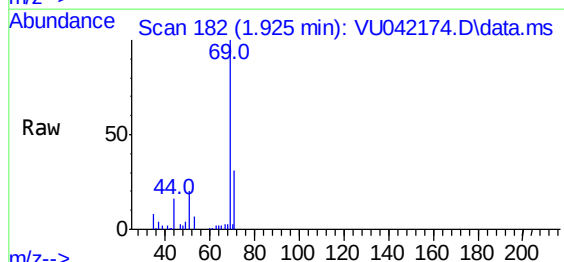
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E16

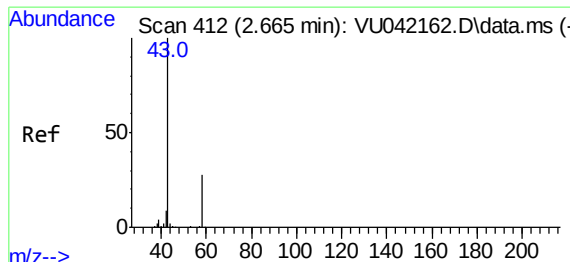
Tgt Ion: 62 Resp: 558
 Ion Ratio Lower Upper
 62 100
 64 151.1 22.7 42.1#



#8
 Chloroethane
 Concen: 0.04 ug/L
 RT: 1.925 min Scan# 182
 Delta R.T. -0.013 min
 Lab File: VU042174.D
 Acq: 22 Jan 2021 16:58

Tgt Ion: 64 Resp: 195
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.2 41.2#

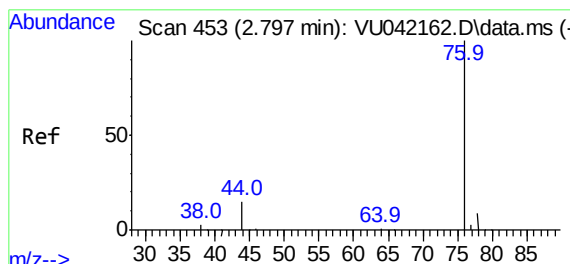
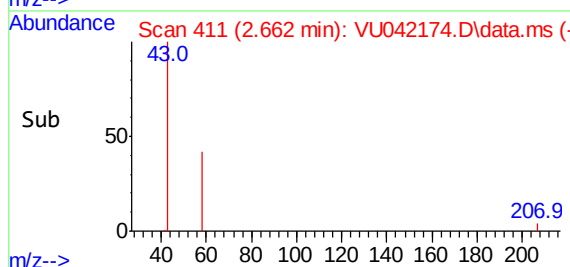
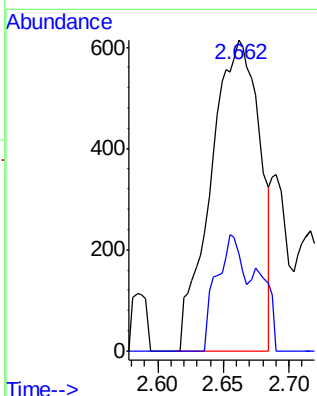
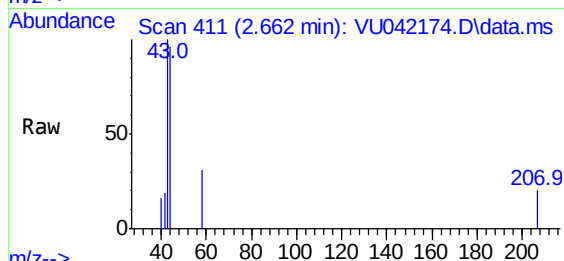




#13
Acetone
Concen: 0.99 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

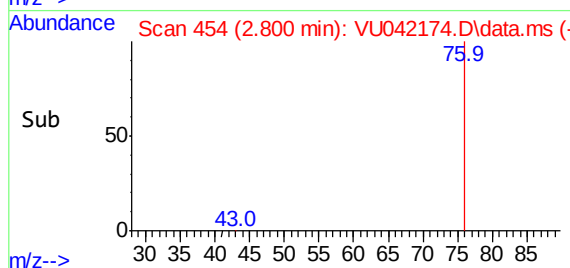
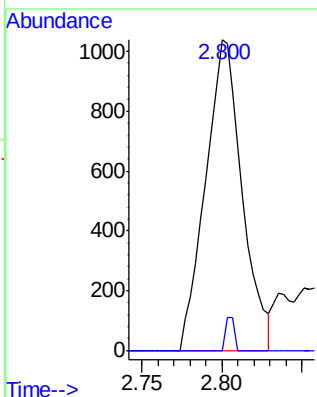
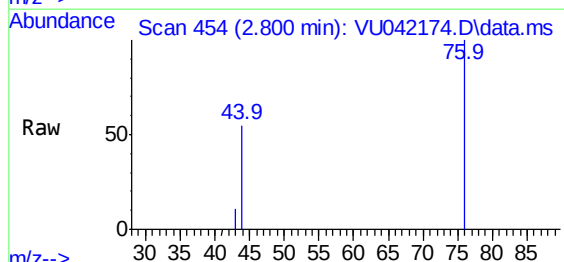
Instrument :
MSVOA_U
ClientSampled :
F1E16

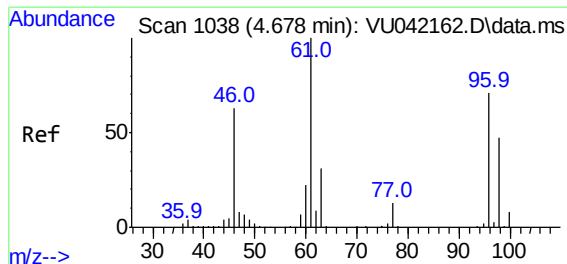
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 20.5 0.0 55.8



#14
Carbon disulfide
Concen: 0.07 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 76 Resp: 1617
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



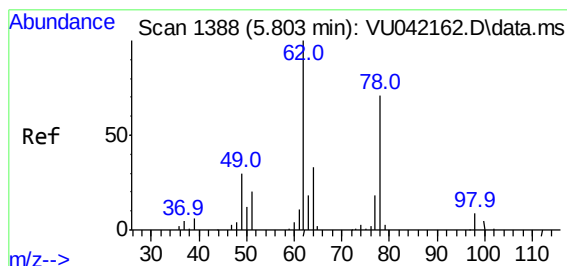
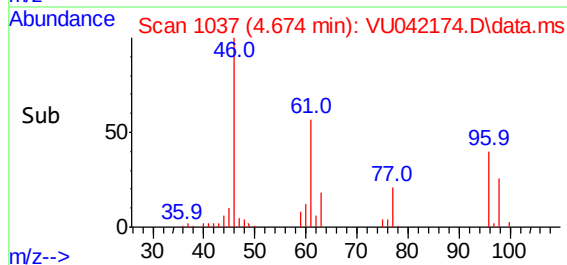
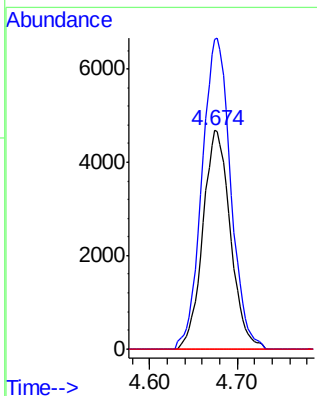
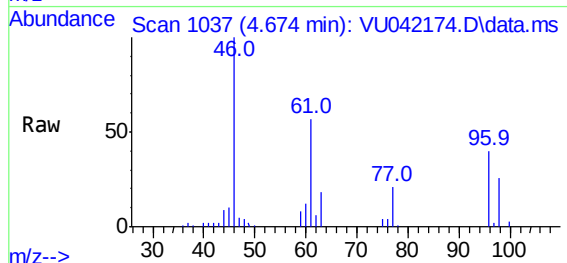


#22
 cis-1,2-Dichloroethene
 Concen: 1.29 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042174.D
 Acq: 22 Jan 2021 16:58

Instrument :
 MSVOA_U
 ClientSampled :
 F1E16

Tgt Ion: 96 Resp: 10194

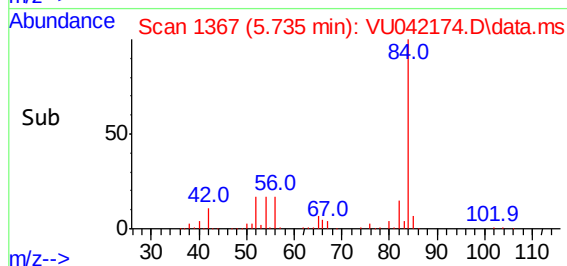
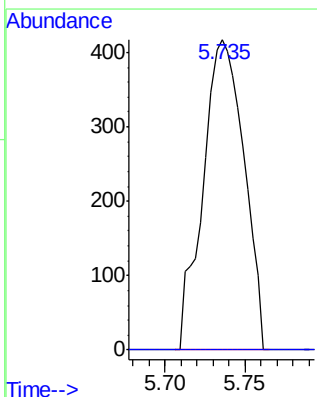
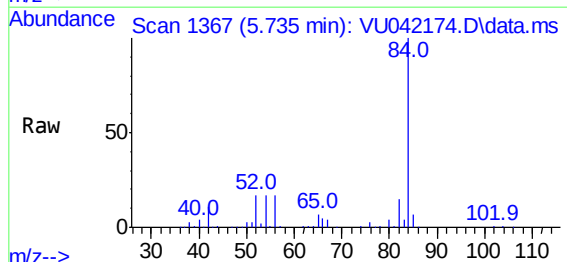
Ion	Ratio	Lower	Upper
96	100		
61	142.1	97.8	181.6
68	0.0	0.0	0.0

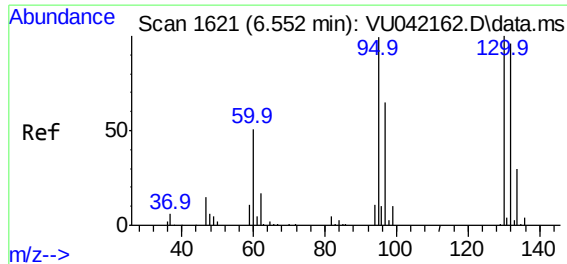


#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.068 min
 Lab File: VU042174.D
 Acq: 22 Jan 2021 16:58

Tgt Ion: 62 Resp: 728

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9





#34

Trichloroethene

Concen: 0.24 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU042174.D

Acq: 22 Jan 2021 16:58

Instrument :

MSVOA_U

ClientSampleId :

F1E16

Tgt Ion: 95 Resp: 1822

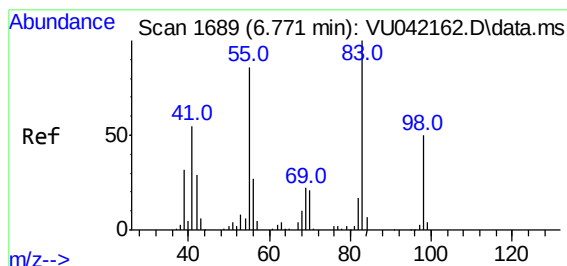
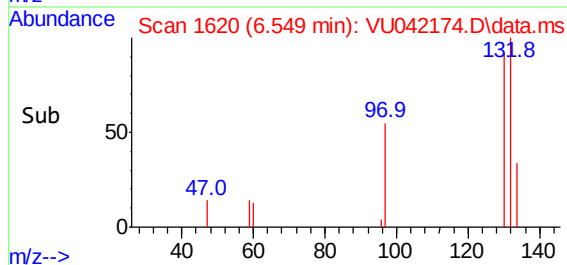
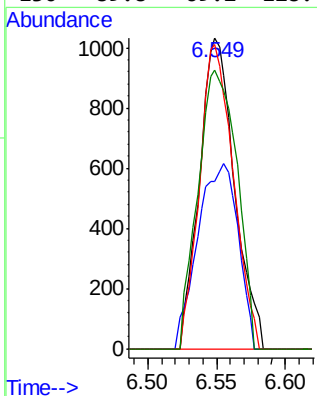
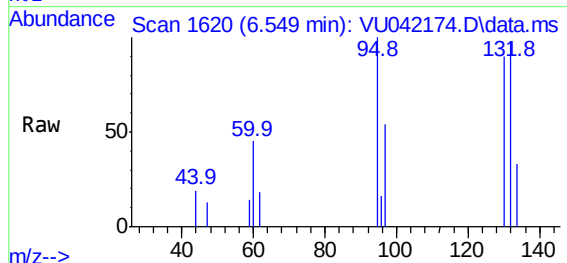
Ion Ratio Lower Upper

95 100

97 54.0 44.4 82.4

132 98.0 68.0 126.4

130 89.8 69.2 128.4



#35

Methylcyclohexane

Concen: 0.69 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU042174.D

Acq: 22 Jan 2021 16:58

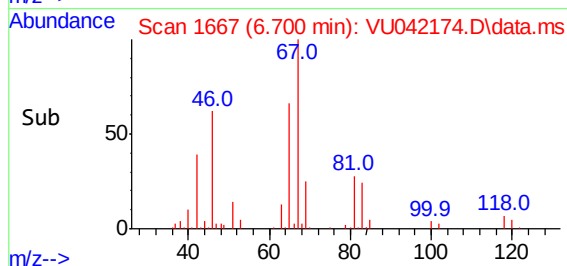
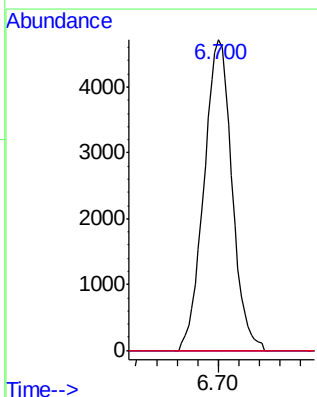
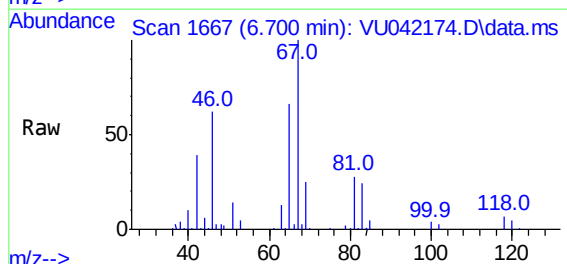
Tgt Ion: 83 Resp: 8883

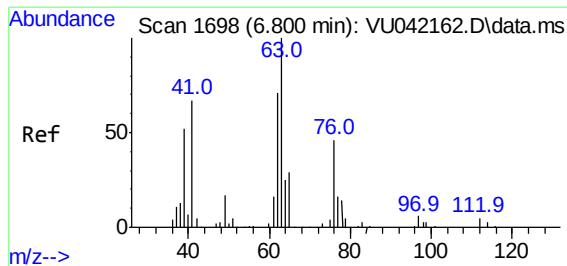
Ion Ratio Lower Upper

83 100

55 0.5 68.2 102.4#

98 0.0 39.7 59.5#

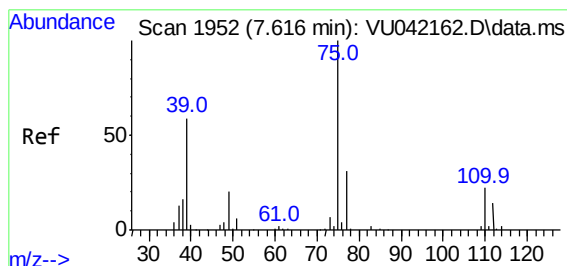
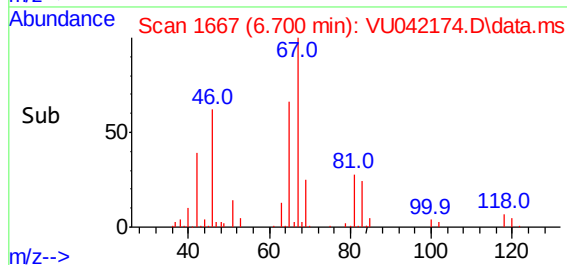
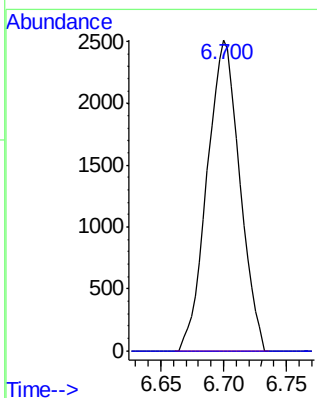
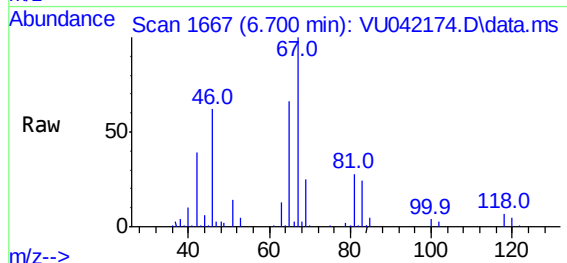




#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

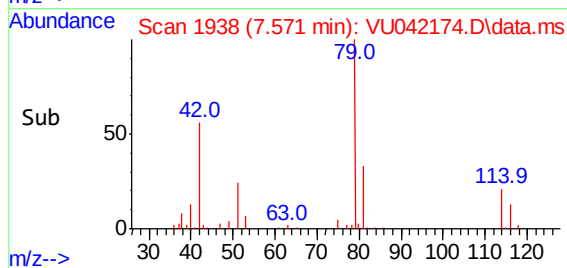
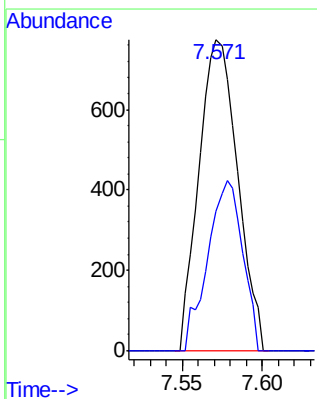
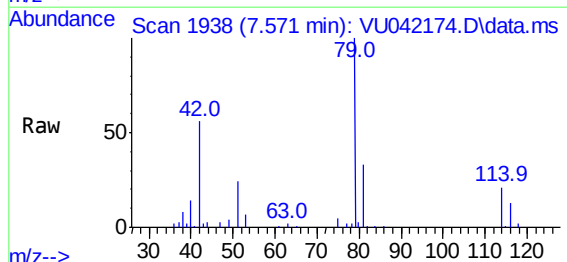
Instrument :
MSVOA_U
ClientSampled :
F1E16

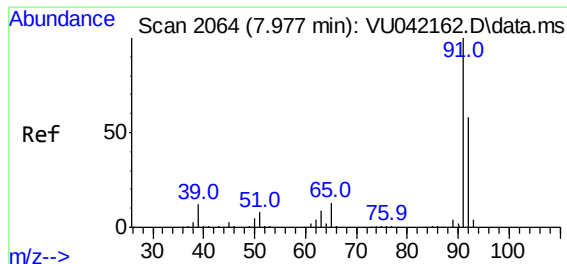
Tgt Ion: 63 Resp: 4528
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 75 Resp: 1270
Ion Ratio Lower Upper
75 100
77 44.8 22.0 40.8#

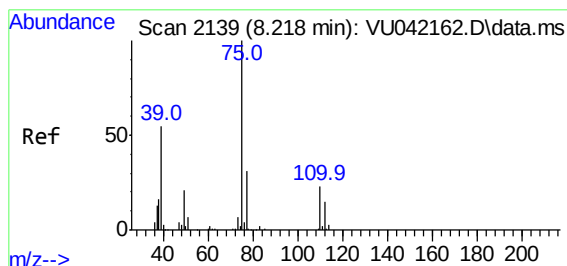
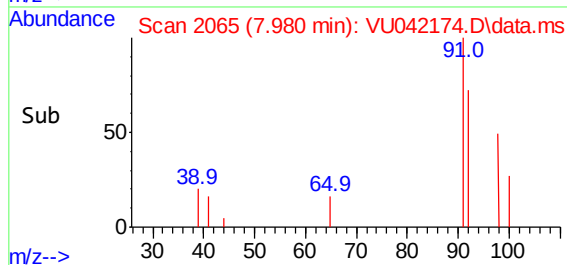
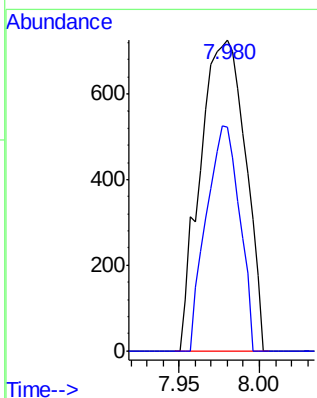
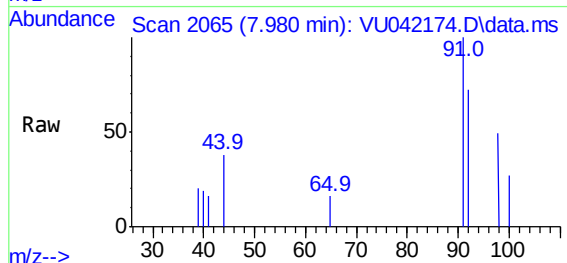




#42
Toluene
Concen: 0.05 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

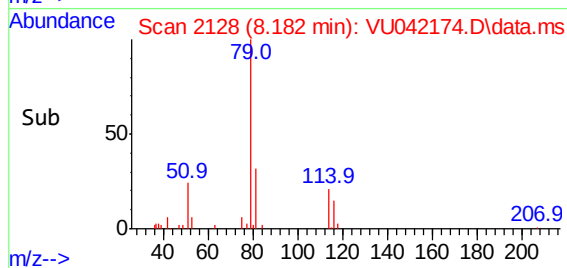
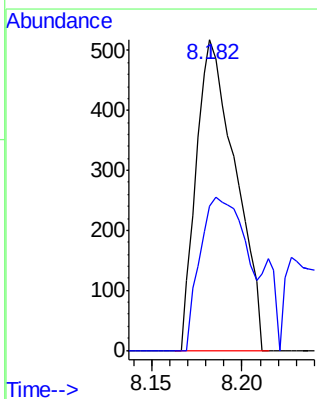
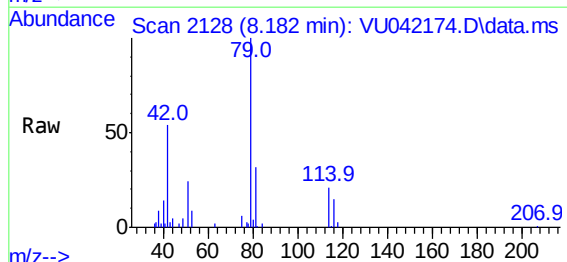
Instrument :
MSVOA_U
ClientSampled :
F1E16

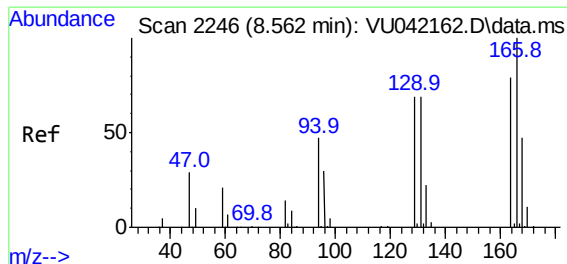
Tgt Ion: 91 Resp: 1398
Ion Ratio Lower Upper
91 100
92 72.2 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 75 Resp: 776
Ion Ratio Lower Upper
75 100
77 46.5 21.8 40.4#



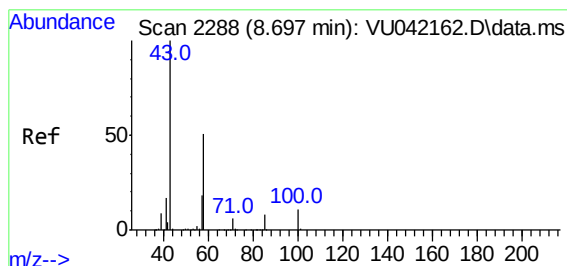
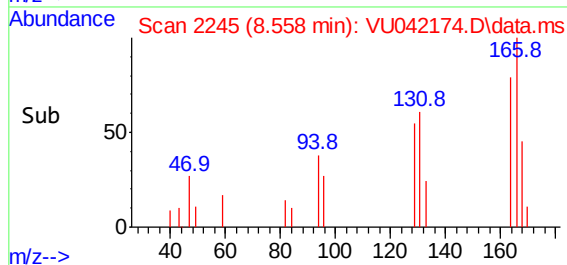
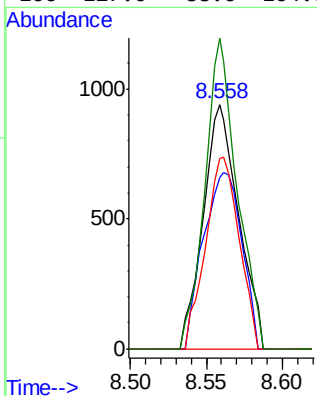
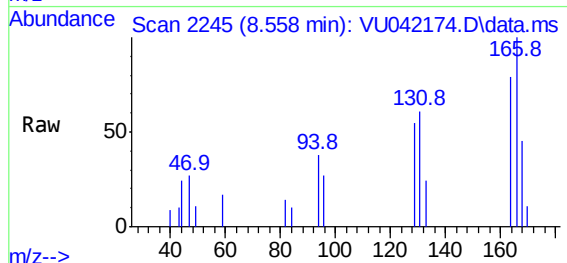


#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Instrument :
MSVOA_U
ClientSampleId :
F1E16

Tgt Ion:164 Resp: 1520

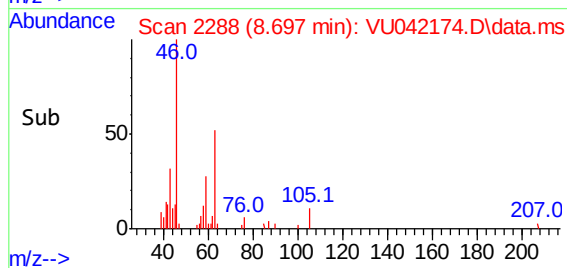
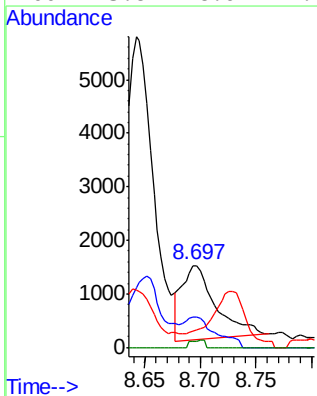
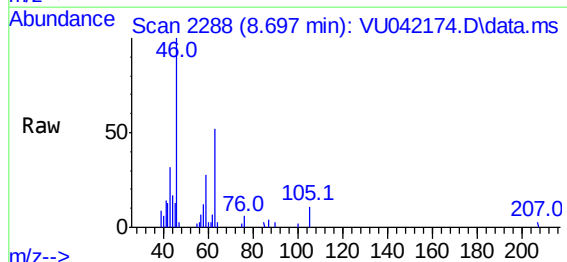
Ion	Ratio	Lower	Upper
164	100		
129	69.9	64.3	119.5
131	77.6	62.2	115.6
166	127.0	88.6	164.6

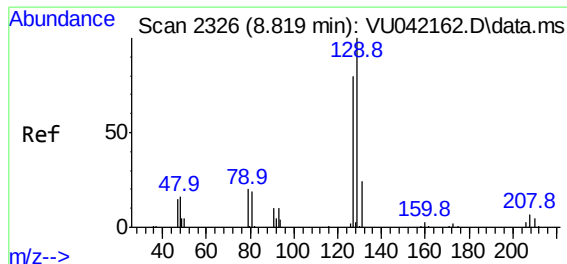


#48
2-Hexanone
Concen: 0.65 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 43 Resp: 2911

Ion	Ratio	Lower	Upper
43	100		
58	38.9	40.6	61.0#
57	83.1	14.9	22.3#
100	3.8	8.6	12.8#

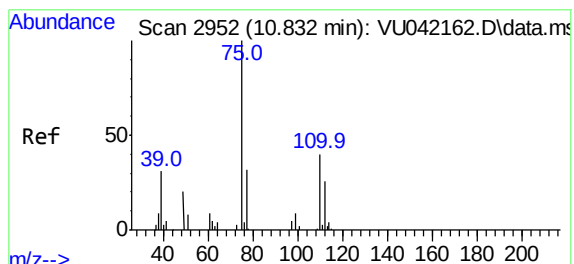
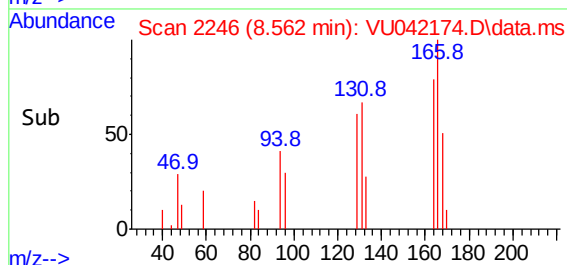
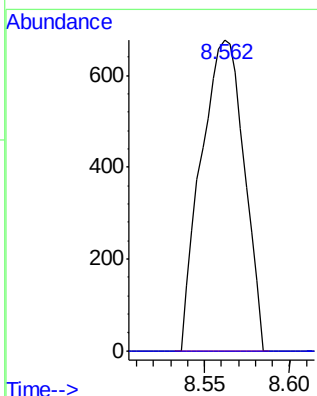
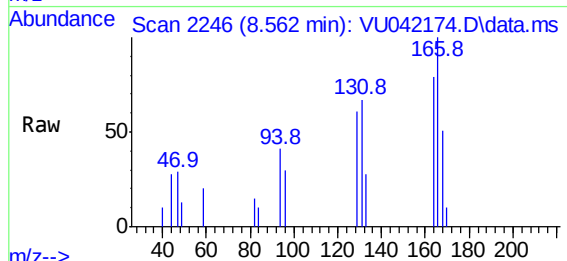




#49
Dibromochloromethane
Concen: 0.16 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Instrument :
MSVOA_U
ClientSampled :
F1E16

Tgt Ion:129 Resp: 1193
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042174.D
Acq: 22 Jan 2021 16:58

Tgt Ion: 75 Resp: 5703
Ion Ratio Lower Upper
75 100
77 38.7 26.0 39.0

