

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043215.D
 Acq On : 20 Apr 2021 11:52
 Operator : SY/MD
 Sample : M2057-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 04:59:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

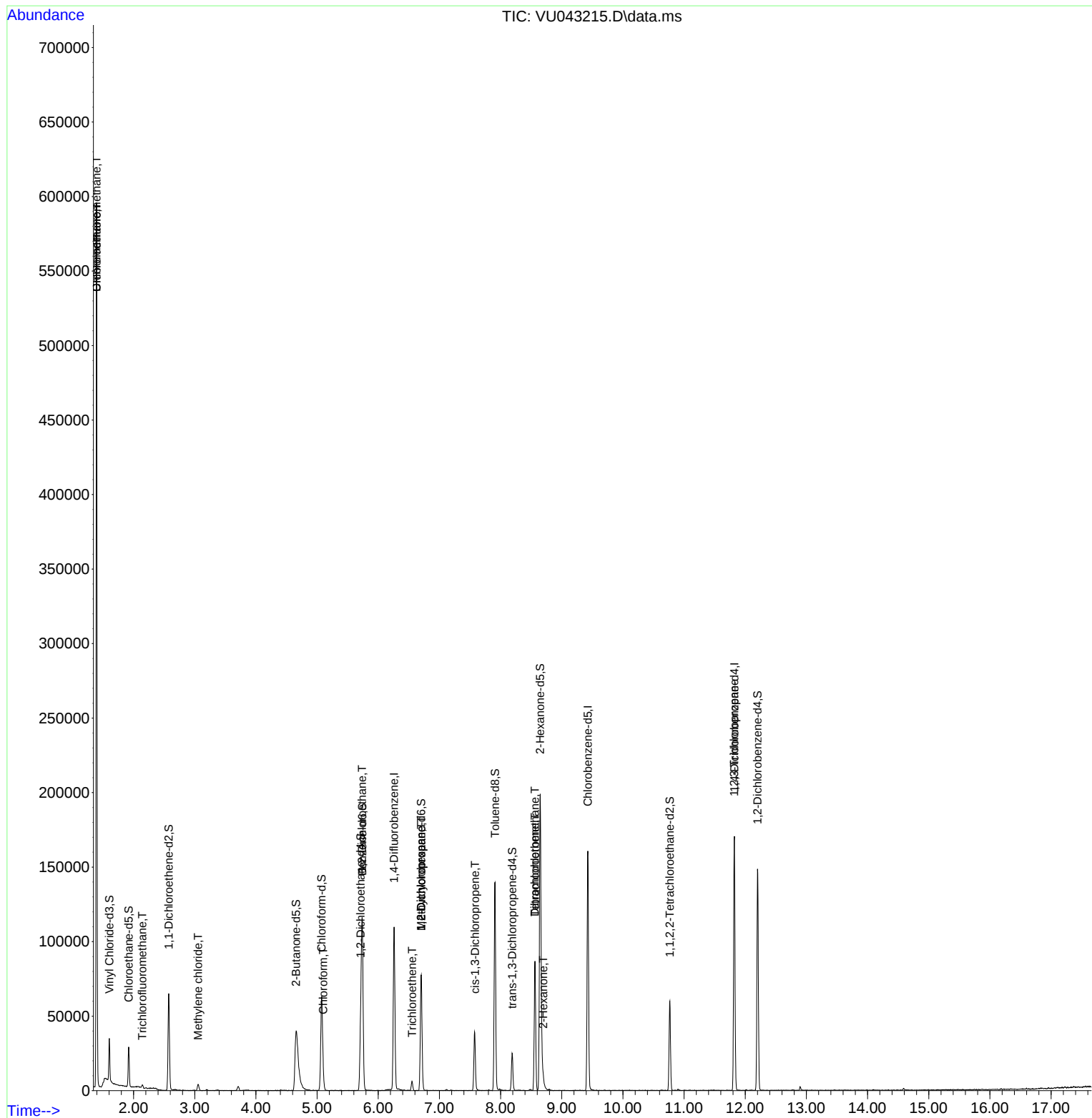
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	81846	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	40836	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19512	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.919	69	18296	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.575	65	12343	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.658	46	102386	55.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.66%
24) Chloroform-d	5.073	84	54756	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.713	65	34142	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.739	84	94953	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.703	67	33260	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.909	98	86117	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloroprop...	8.189	79	12904	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.645	63	63723	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	28226	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	35772	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	6407	1.22	ug/L	96
3) Chloromethane	1.395	50	24822	4.79	ug/L #	72
9) Trichlorofluoromethane	2.141	101	1099	0.11	ug/L	95
16) Methylene chloride	3.054	84	1851	0.31	ug/L #	71
25) Chloroform	5.099	83	4103	0.36	ug/L	79
27) 1,2-Dichloroethane	5.735	62	696	0.08	ug/L #	74
34) Trichloroethene	6.552	95	1977	0.33	ug/L	95
35) Methylcyclohexane	6.703	83	7205	0.86	ug/L #	20
37) 1,2-Dichloropropane	6.703	63	4246	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.581	75	1048	0.12	ug/L	94
47) Tetrachloroethene	8.562	164	17514	3.66	ug/L	96
48) 2-Hexanone	8.697	43	3298	0.81	ug/L #	78
49) Dibromochloromethane	8.562	129	17168	2.96	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5420	1.28	ug/L #	60

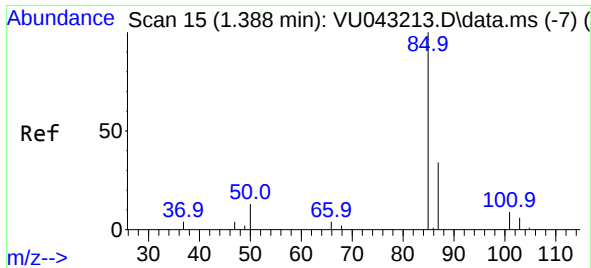
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
Data File : VU043215.D
Acq On : 20 Apr 2021 11:52
Operator : SY/MD
Sample : M2057-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 21 04:59:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration

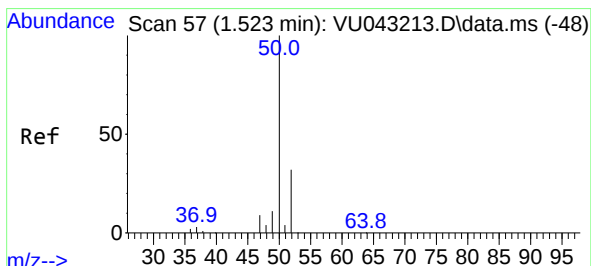
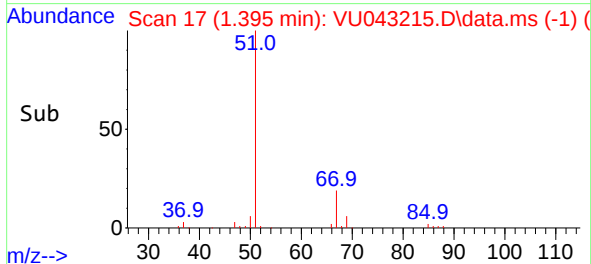
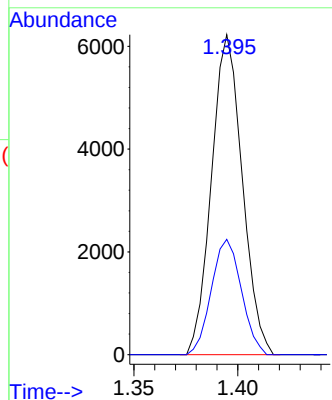
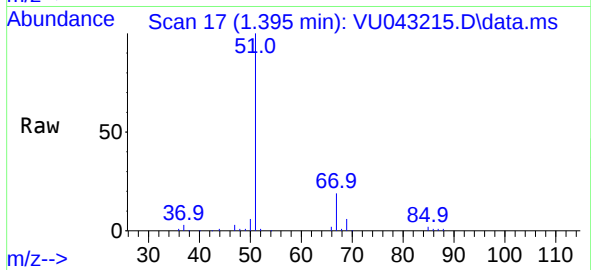




#2
Dichlorodifluoromethane
Concen: 1.22 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

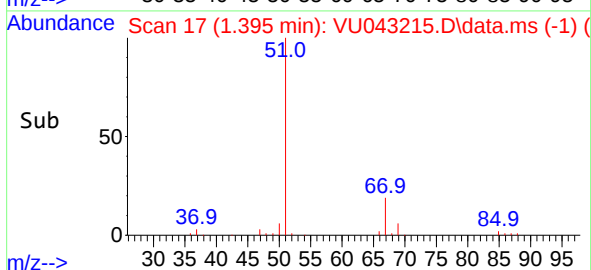
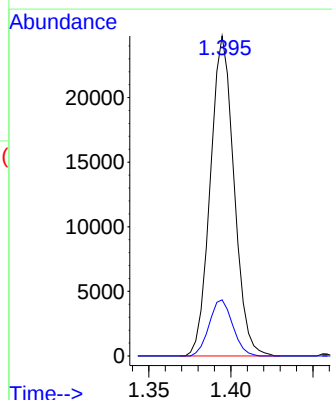
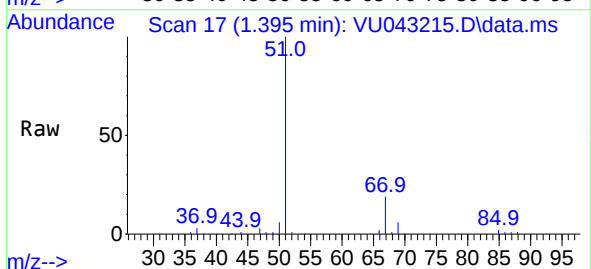
Instrument :
MSVOA_U
ClientSampleId :

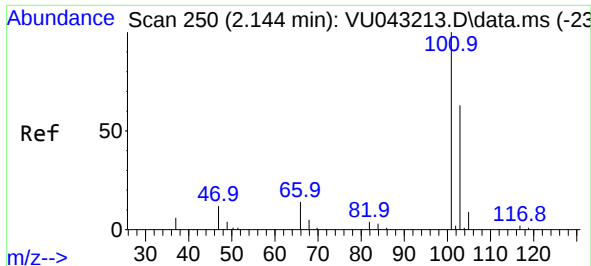
Tgt Ion: 85 Resp: 6407
Ion Ratio Lower Upper
85 100
87 35.1 26.3 39.5



#3
Chloromethane
Concen: 4.79 ug/L
RT: 1.395 min Scan# 17
Delta R.T. -0.129 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 50 Resp: 24822
Ion Ratio Lower Upper
50 100
52 17.5 23.6 43.8#

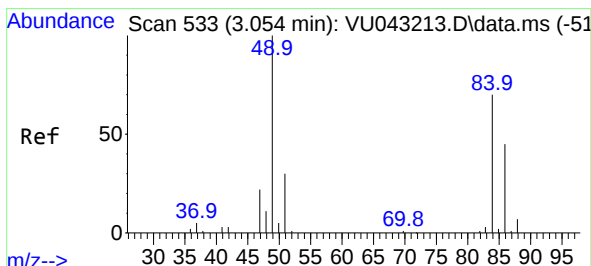
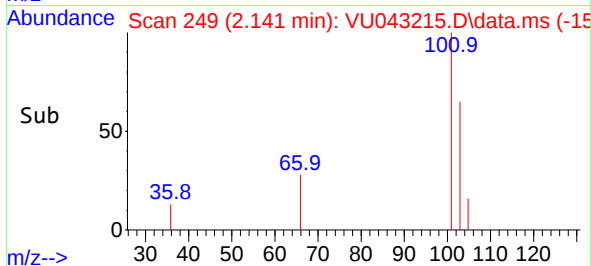
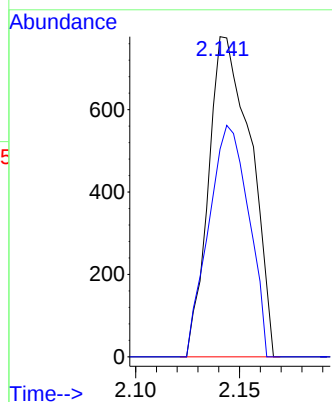
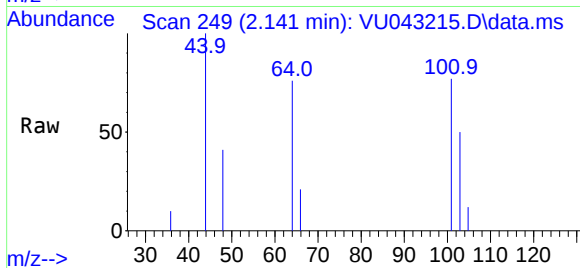




#9
Trichlorofluoromethane
Concen: 0.11 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

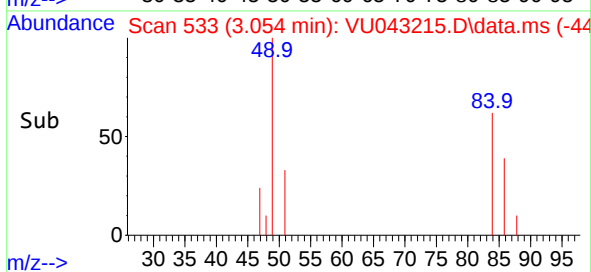
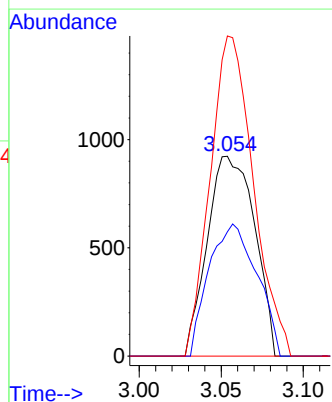
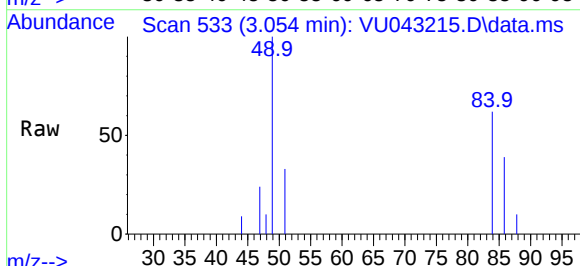
Instrument :
MSVOA_U
ClientSampleId :

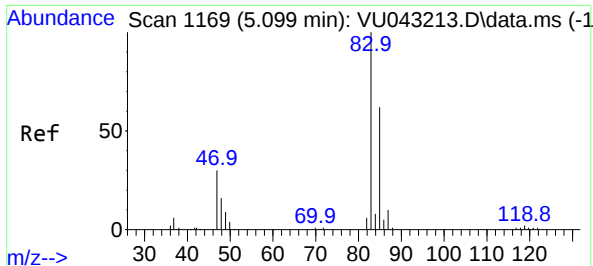
Tgt Ion:101 Resp: 1099
Ion Ratio Lower Upper
101 100
103 68.6 51.5 77.3



#16
Methylene chloride
Concen: 0.31 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 84 Resp: 1851
Ion Ratio Lower Upper
84 100
86 62.2 44.9 83.5
49 160.2 79.0 146.8#



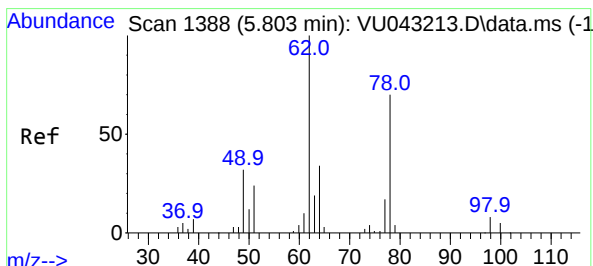
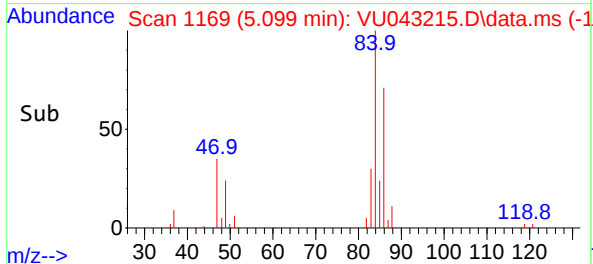
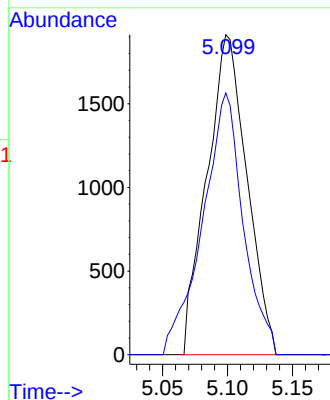
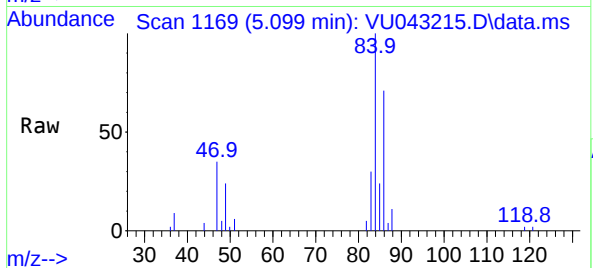


#25

Chloroform
Concen: 0.36 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Instrument :
MSVOA_U
ClientSampleId :

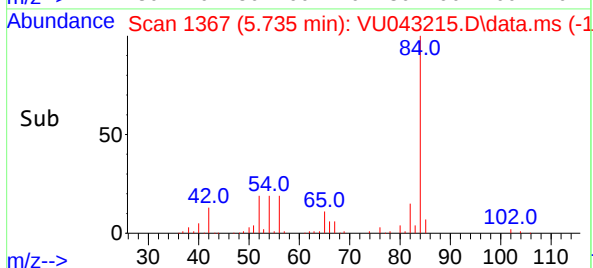
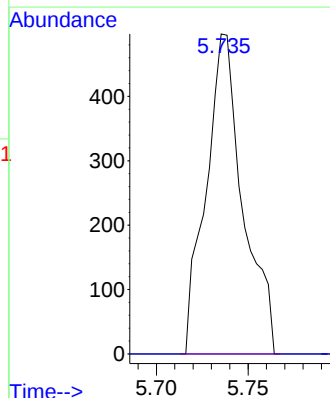
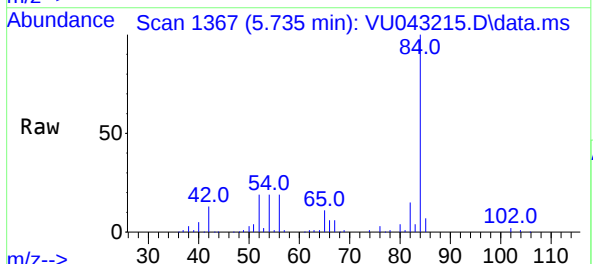
Tgt Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
85 81.8 45.6 84.8

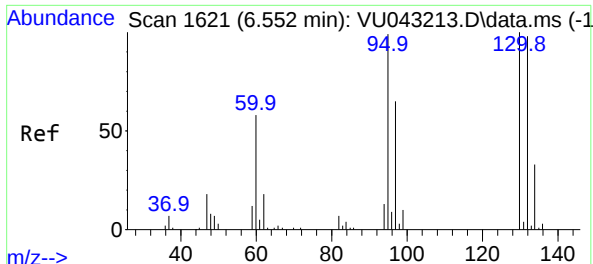


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 62 Resp: 696
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 0.33 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

Tgt Ion: 95 Resp: 1977

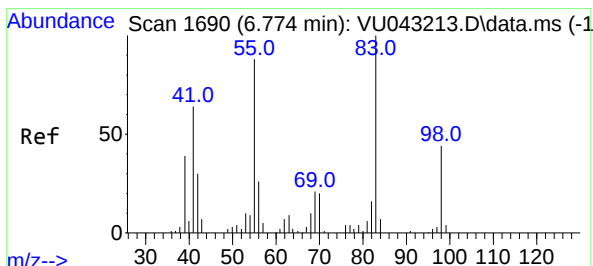
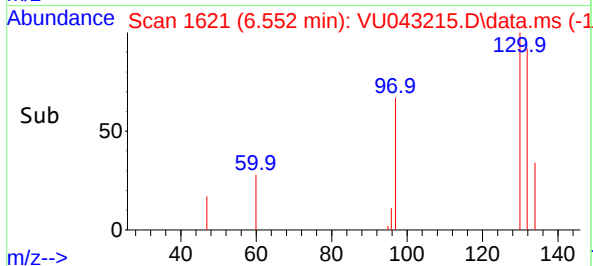
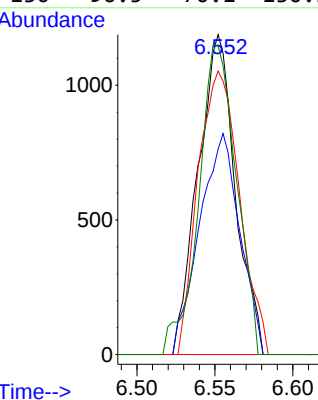
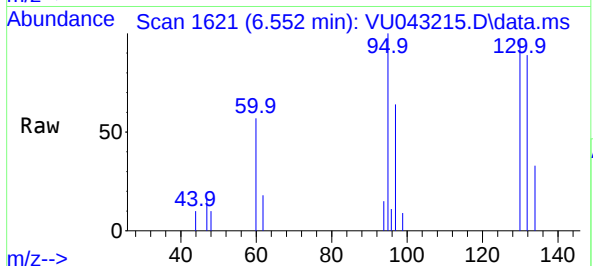
Ion Ratio Lower Upper

95 100

97 64.2 45.8 85.2

132 88.6 68.7 127.7

130 96.5 70.1 130.3



#35

Methylcyclohexane

Concen: 0.86 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.071 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

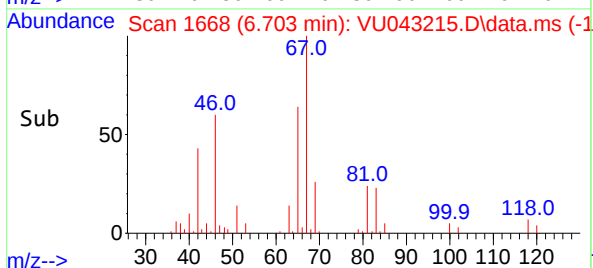
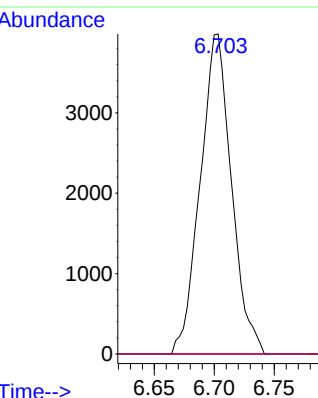
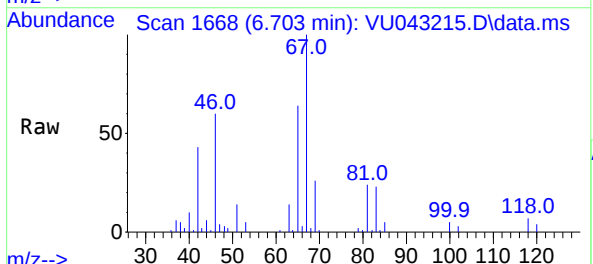
Tgt Ion: 83 Resp: 7205

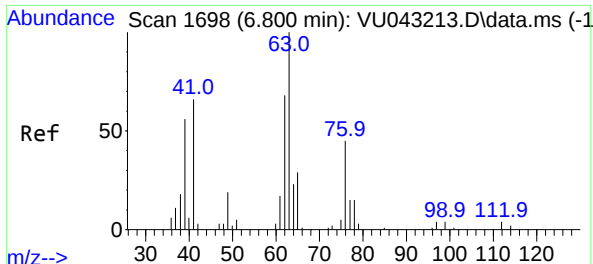
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 1.2 37.9 56.9#

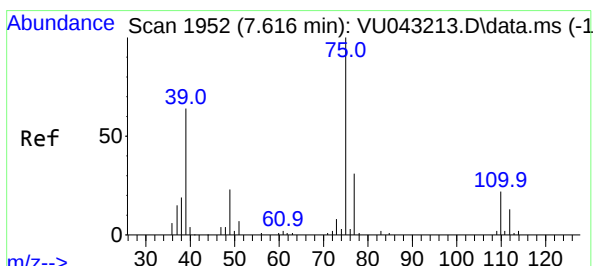
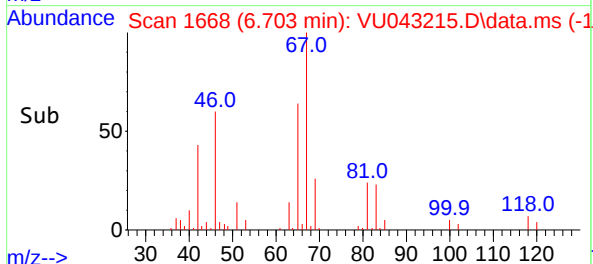
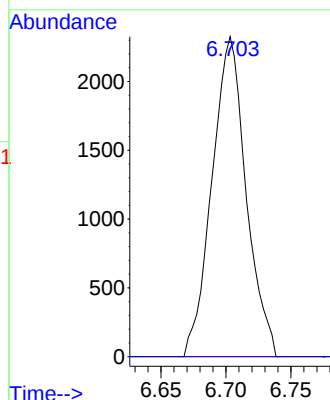
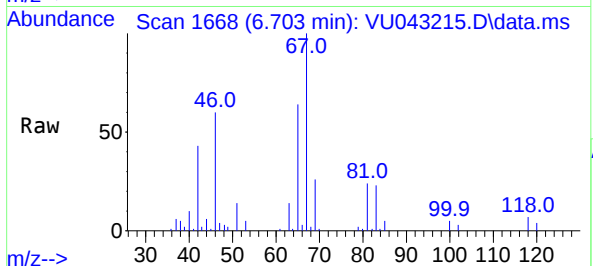




#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

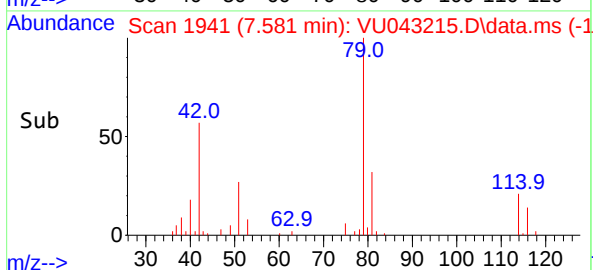
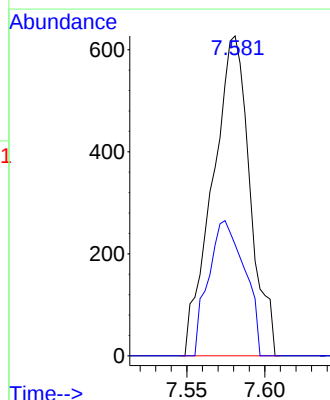
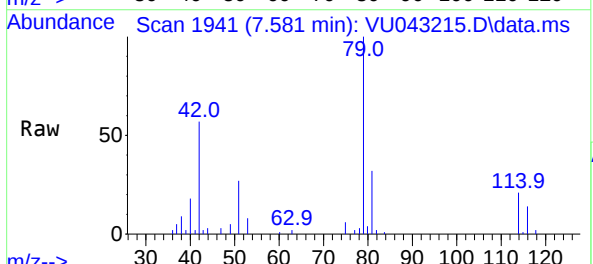
Instrument :
MSVOA_U
ClientSampleId :

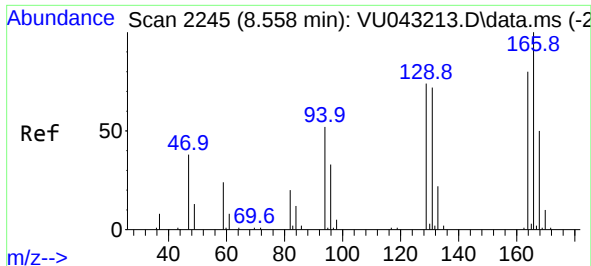
Tgt Ion: 63 Resp: 4246
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.035 min
Lab File: VU043215.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 75 Resp: 1048
Ion Ratio Lower Upper
75 100
77 34.8 21.8 40.6





#47

Tetrachloroethene

Concen: 3.66 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

Tgt Ion:164 Resp: 17514

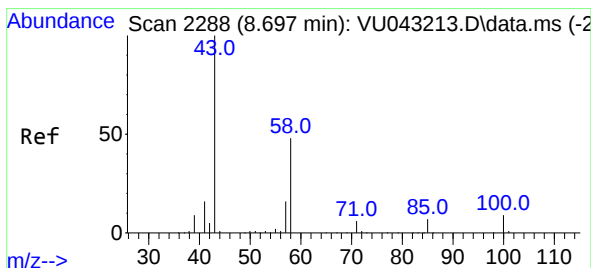
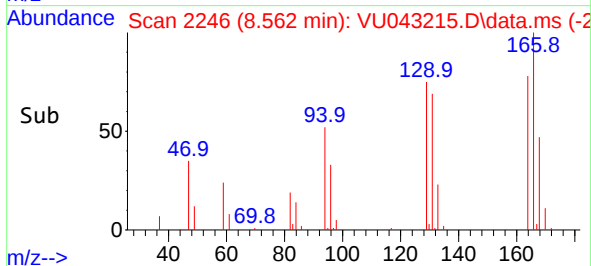
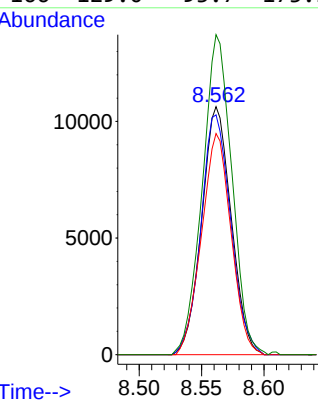
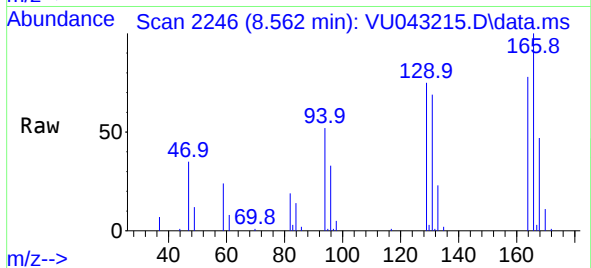
Ion Ratio Lower Upper

164 100

129 96.7 66.6 123.8

131 89.1 65.9 122.3

166 129.0 93.7 173.9



#48

2-Hexanone

Concen: 0.81 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

Tgt Ion: 43 Resp: 3298

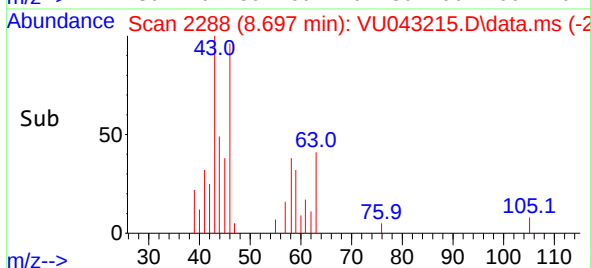
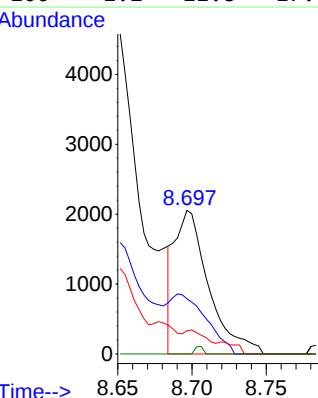
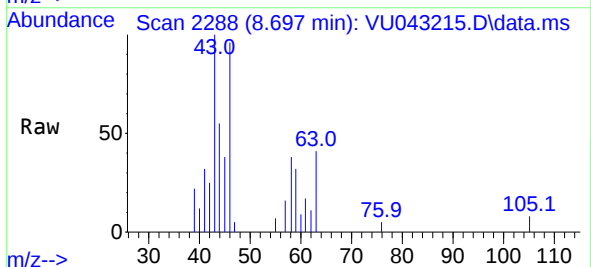
Ion Ratio Lower Upper

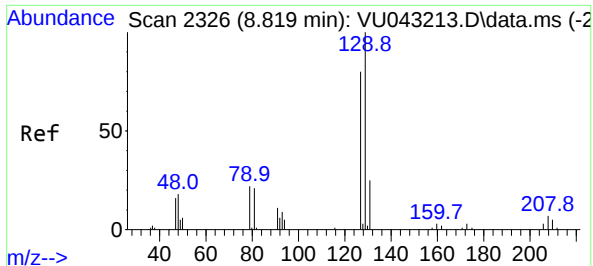
43 100

58 45.8 50.0 75.0#

57 14.8 17.4 26.0#

100 1.2 11.8 17.8#





#49

Dibromochloromethane

Concen: 2.96 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043215.D

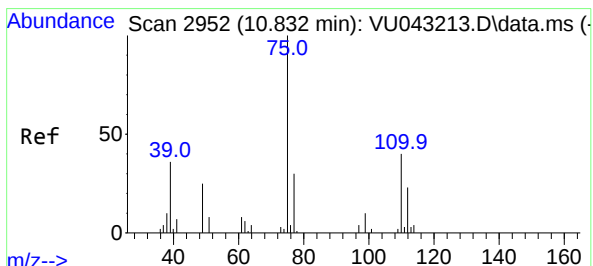
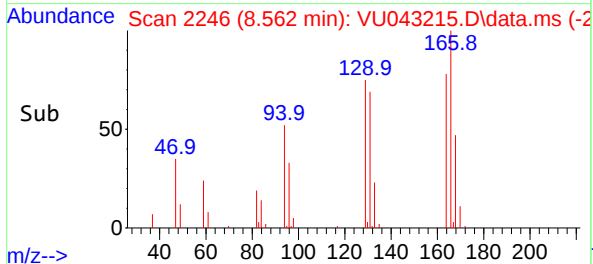
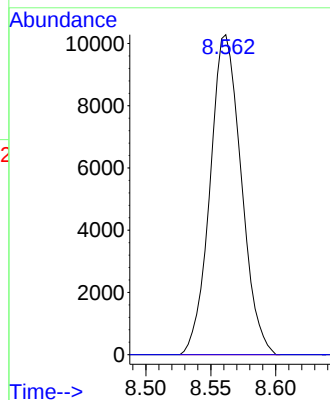
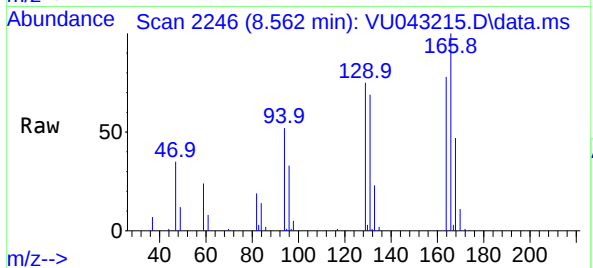
Acq: 20 Apr 2021 11:52

Tgt Ion:129 Resp: 17168

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.28 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043215.D

Acq: 20 Apr 2021 11:52

Tgt Ion: 75 Resp: 5420

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 39.4 26.3 39.5

