

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042106.D
 Acq On : 20 Jan 2021 15:23
 Operator : SY/MD
 Sample : M1164-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ1DL

Quant Time: Jan 21 04:22:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

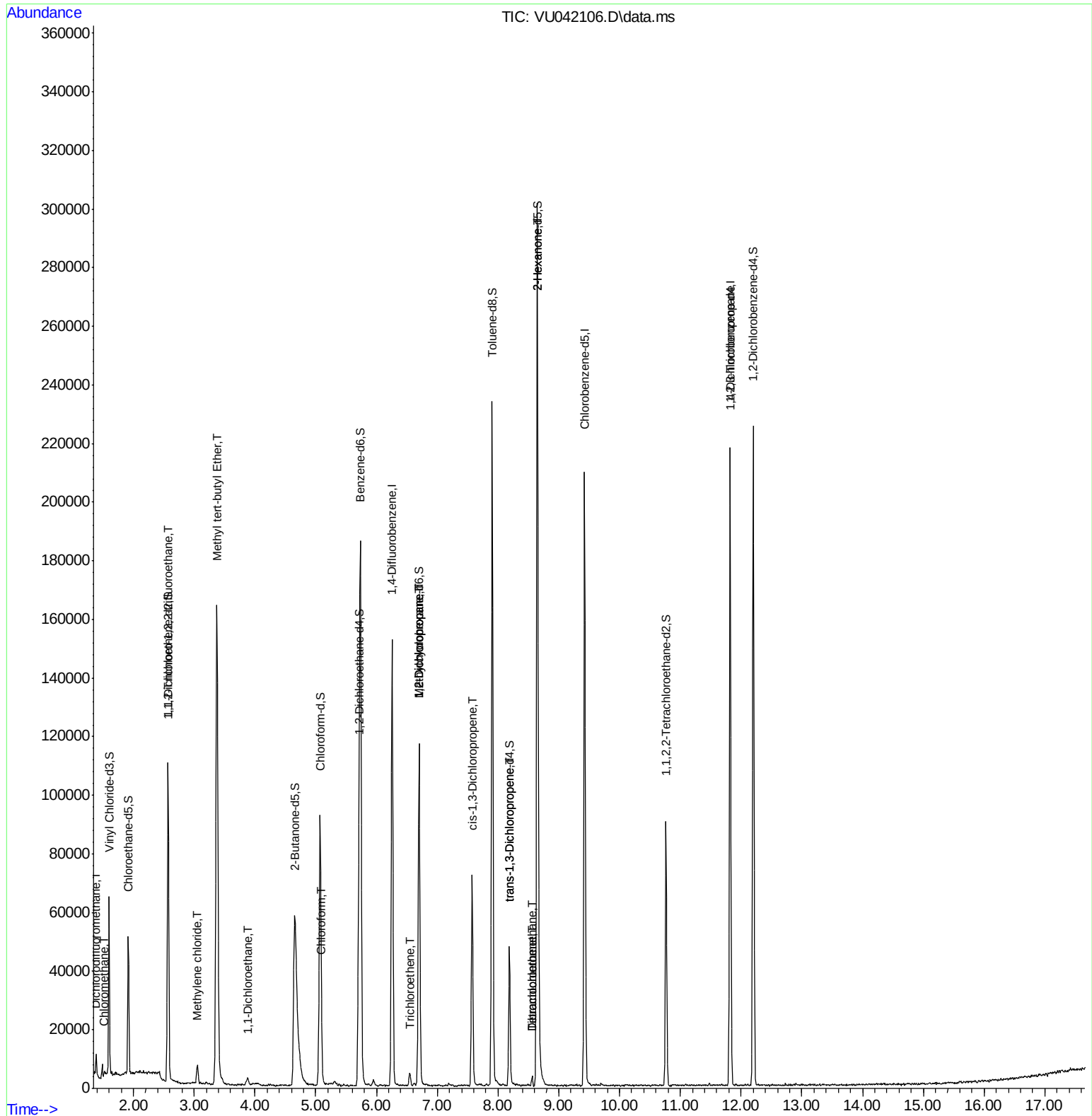
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	119626	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	110801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	56190	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39152	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.916	69	32218	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.568	63	67935	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.655	46	156172	55.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.92%
24) Chloroform-d	5.073	84	82918	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.713	65	51052	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.735	84	157673	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.700	67	52268	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.906	98	145264	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloroprop...	8.189	79	25141	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.645	63	115641	56.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.30%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	43498	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	56535	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	3666	0.33	ug/L	99
3) Chloromethane	1.520	50	798	0.08	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	550	0.07	ug/L #	18
16) Methylene chloride	3.054	84	2743	0.29	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	187430	7.99	ug/L	99
19) 1,1-Dichloroethane	3.880	63	2983	0.19	ug/L	99
25) Chloroform	5.096	83	1816	0.11	ug/L	99
34) Trichloroethene	6.546	95	1319	0.15	ug/L	96
35) Methylcyclohexane	6.700	83	12327	0.84	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	6180	0.72	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1809	0.13	ug/L #	70
44) trans-1,3-Dichloropropene	8.189	75	1183	0.09	ug/L #	47
47) Tetrachloroethene	8.562	164	718	0.10	ug/L	91
48) 2-Hexanone	8.645	43	16539	3.24	ug/L #	70
49) Dibromochloromethane	8.558	129	561	0.07	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6374	1.05	ug/L	96

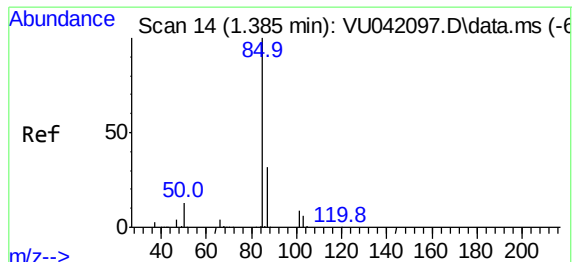
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042106.D
Acq On : 20 Jan 2021 15:23
Operator : SY/MD
Sample : M1164-04DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

Quant Time: Jan 21 04:22:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

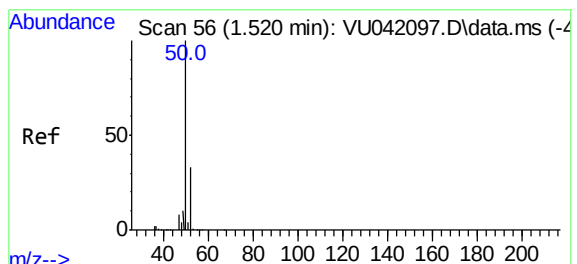
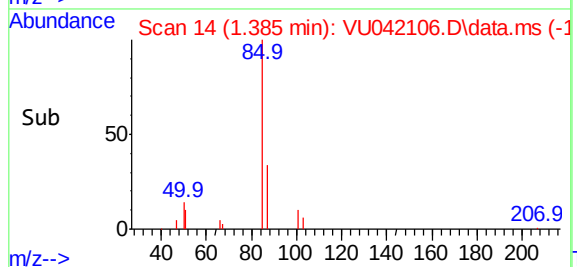
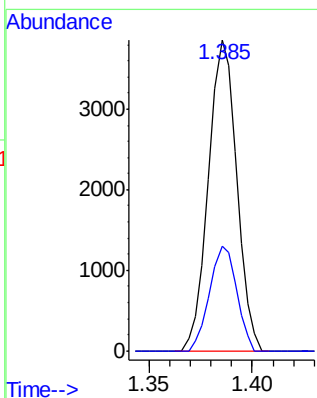
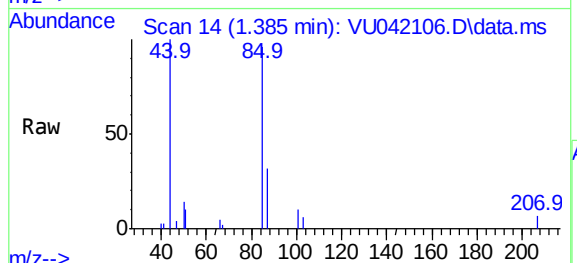




#2
Dichlorodifluoromethane
Concen: 0.33 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

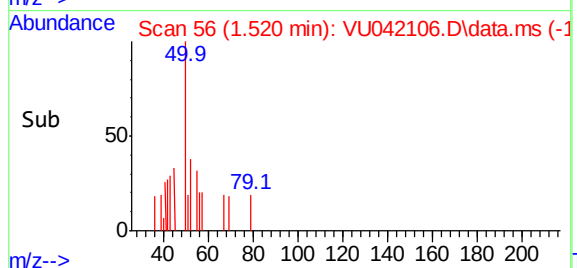
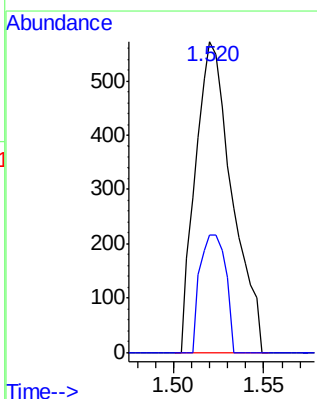
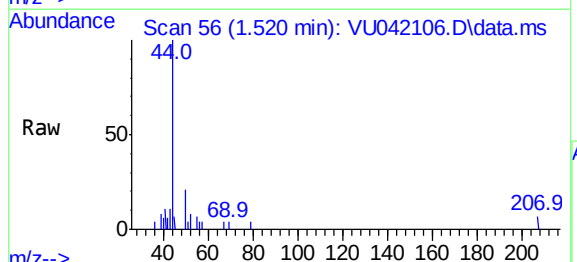
Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

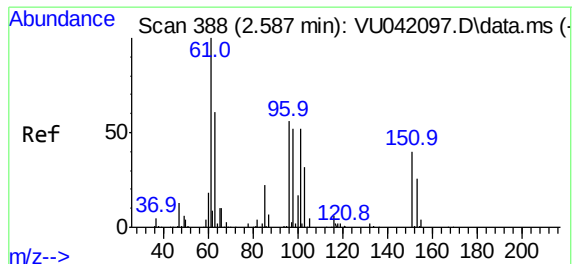
Tgt Ion: 85 Resp: 3666
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 50 Resp: 798
Ion Ratio Lower Upper
50 100
52 37.9 23.0 42.8

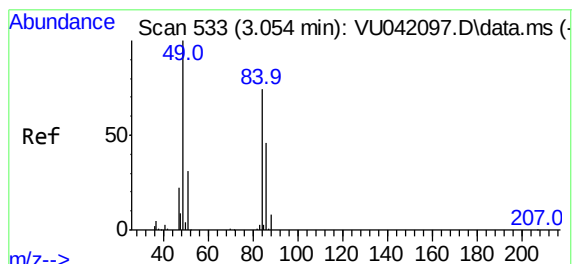
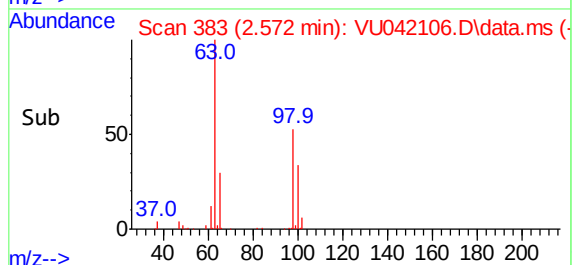
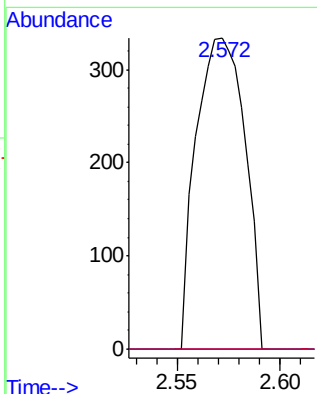
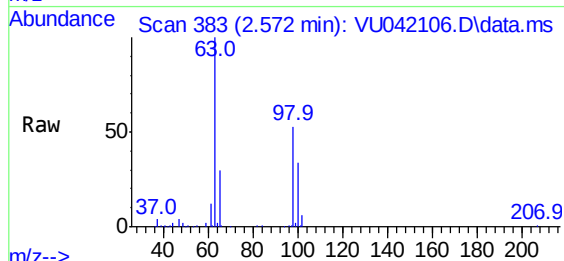




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

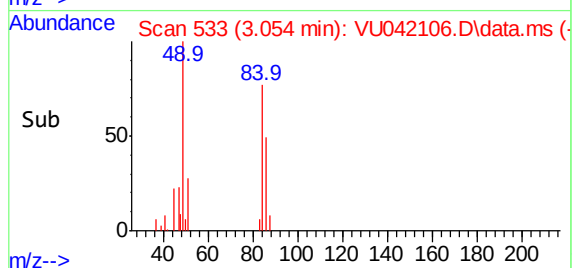
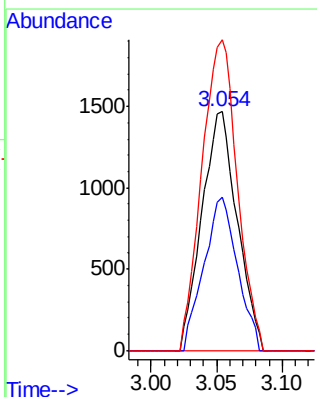
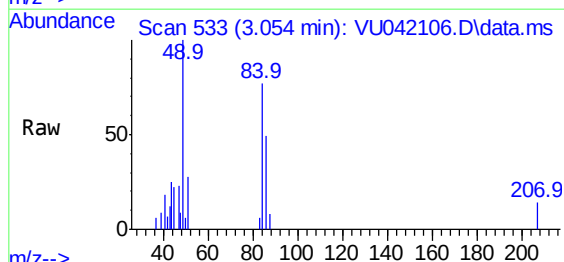
Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

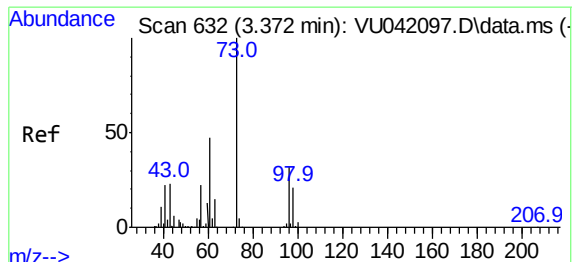
Tgt Ion:101 Resp: 550
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#16
Methylene chloride
Concen: 0.29 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 84 Resp: 2743
Ion Ratio Lower Upper
84 100
86 64.1 44.1 81.9
49 130.2 95.0 176.4



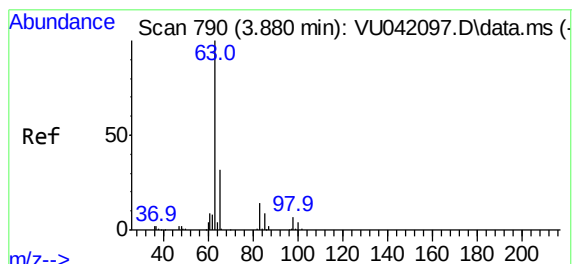
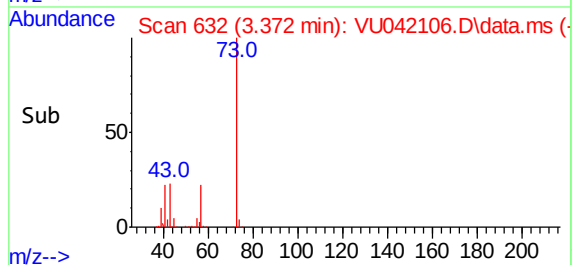
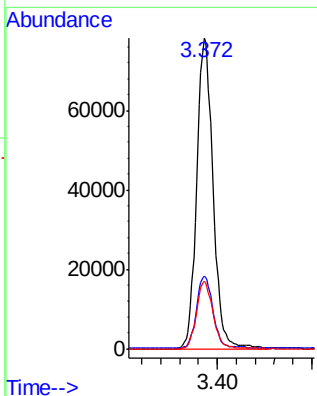
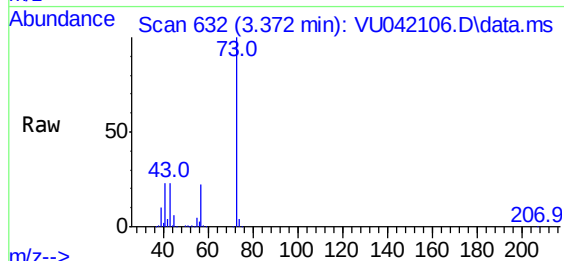


#17
Methyl tert-butyl Ether
Concen: 7.99 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

Tgt Ion: 73 Resp: 187430

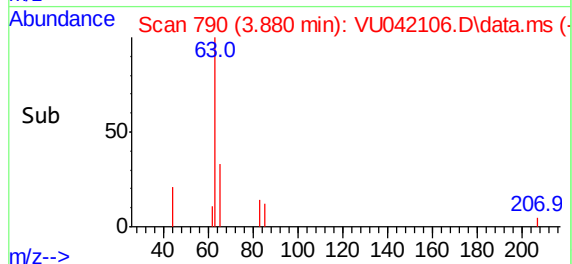
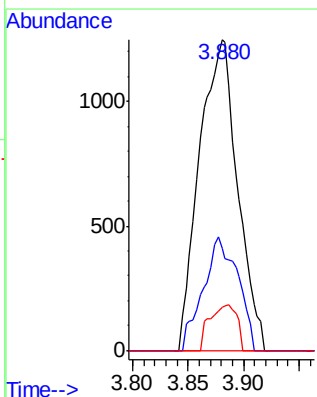
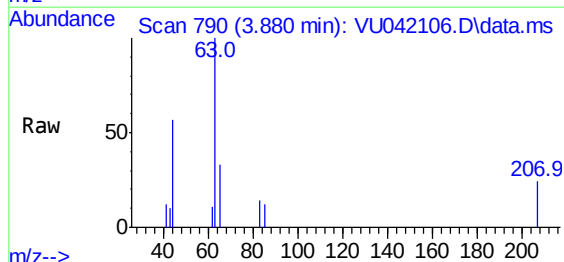
Ion	Ratio	Lower	Upper
73	100		
43	23.4	18.9	28.3
57	21.9	18.2	27.4

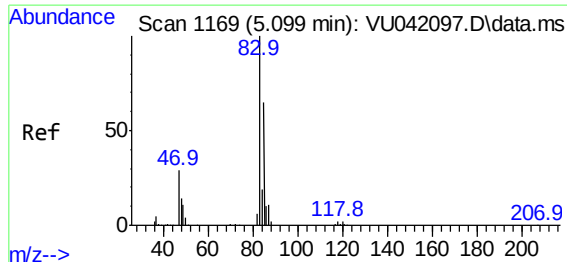


#19
1,1-Dichloroethane
Concen: 0.19 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 63 Resp: 2983

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.5	41.9
83	13.8	10.1	18.7

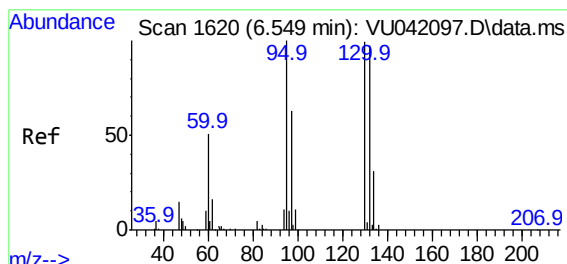
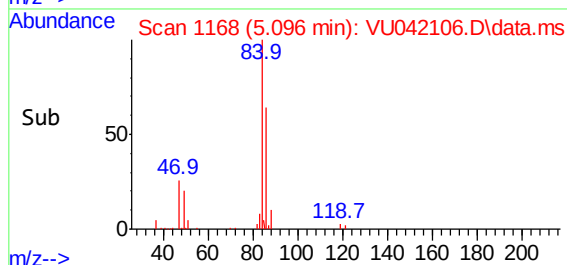
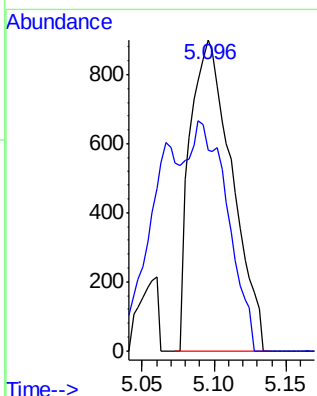
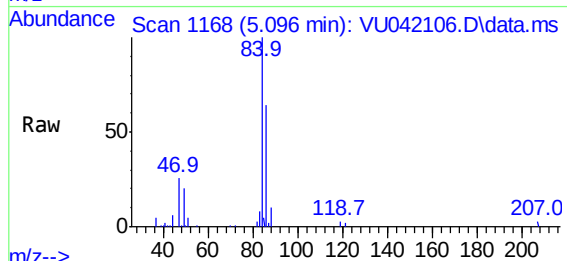




#25
Chloroform
Concen: 0.11 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

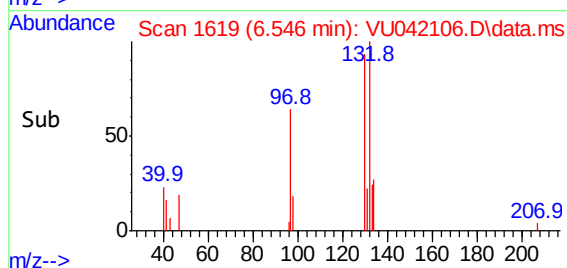
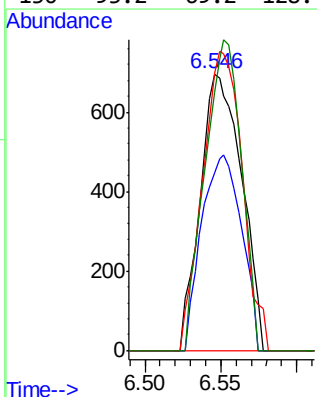
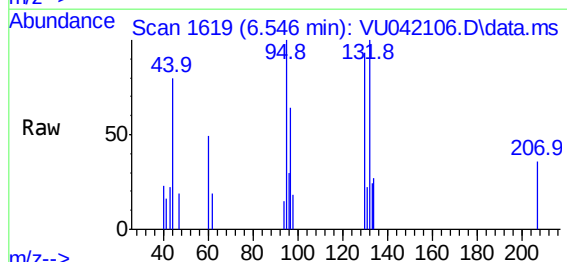
Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

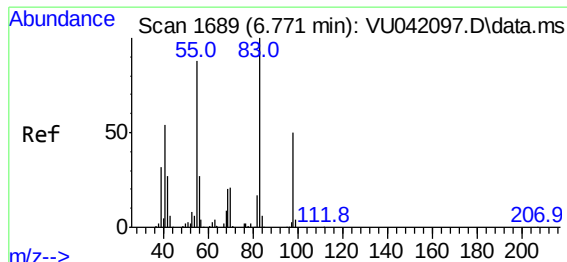
Tgt Ion: 83 Resp: 1816
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#34
Trichloroethene
Concen: 0.15 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 95 Resp: 1319
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 100.1 68.0 126.4
130 93.2 69.2 128.4

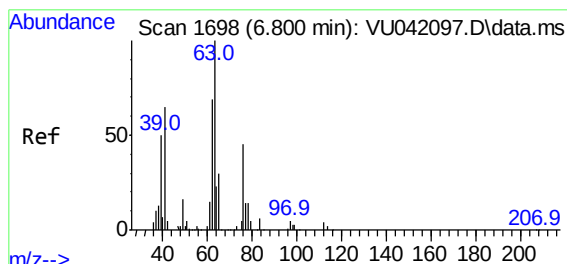
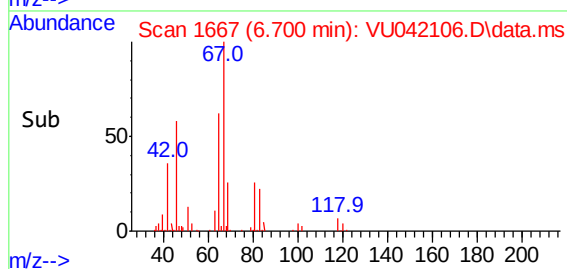
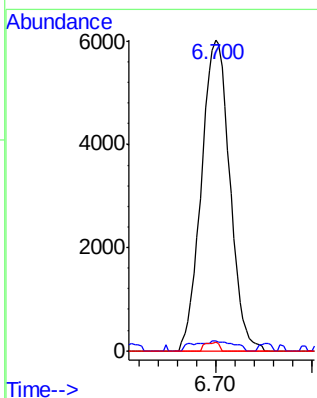
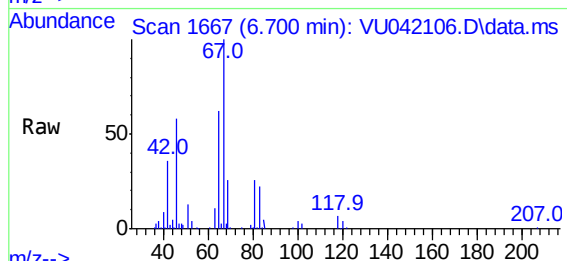




#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

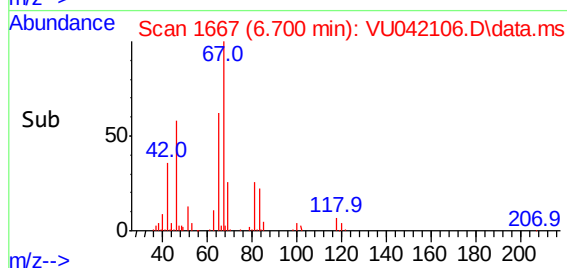
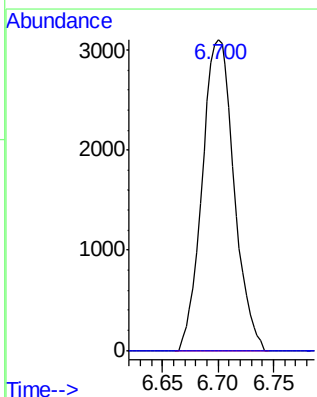
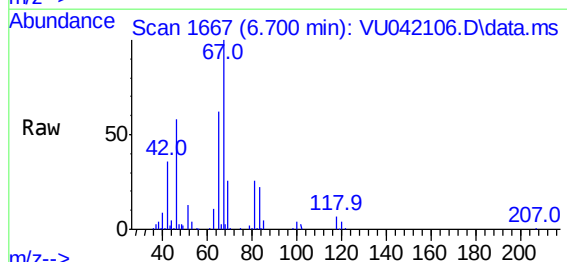
Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

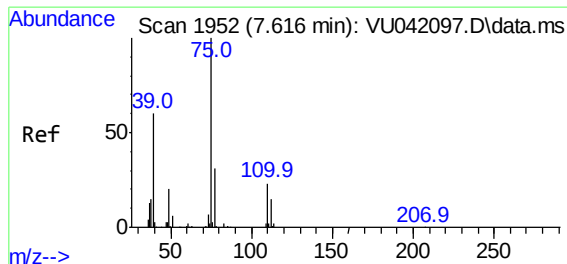
Tgt Ion: 83 Resp: 12327
Ion Ratio Lower Upper
83 100
55 3.6 68.2 102.4#
98 1.3 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 63 Resp: 6180
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

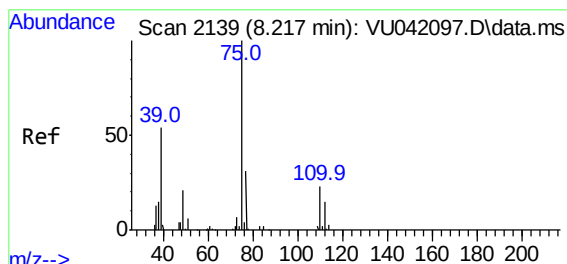
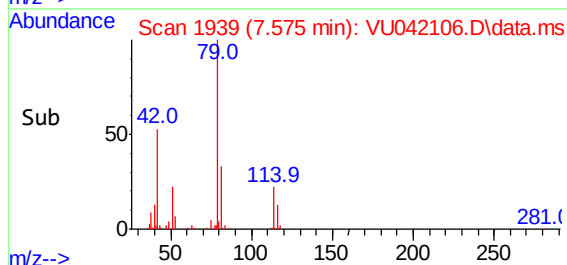
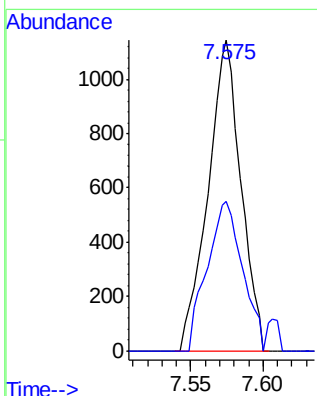
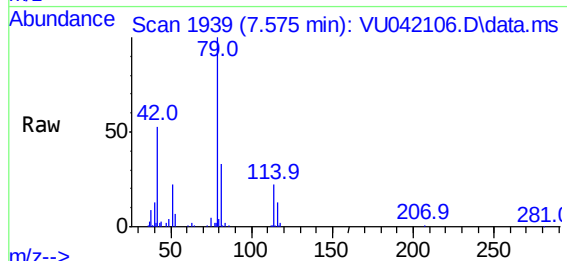




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

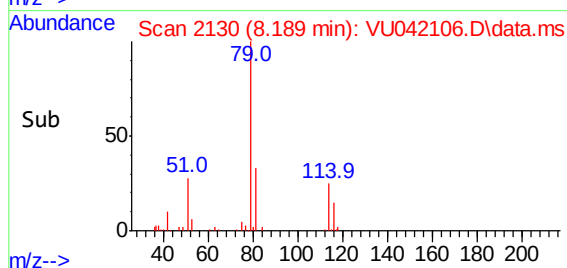
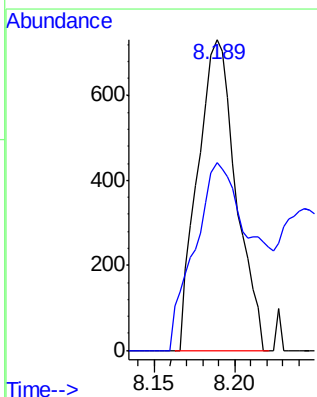
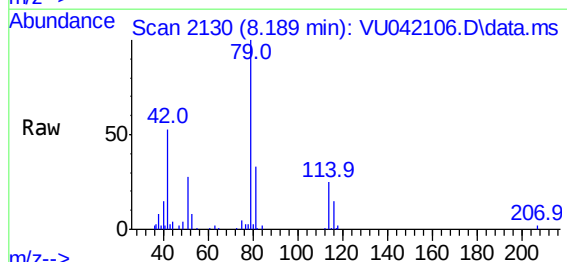
Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

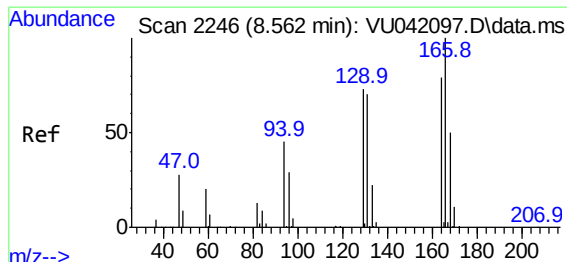
Tgt Ion: 75 Resp: 1809
Ion Ratio Lower Upper
75 100
77 48.2 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 60.3 21.8 40.4#



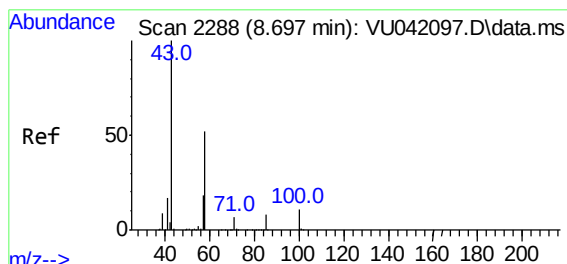
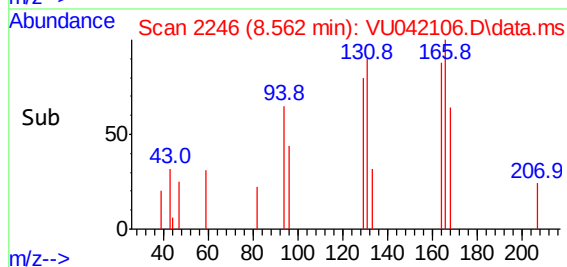
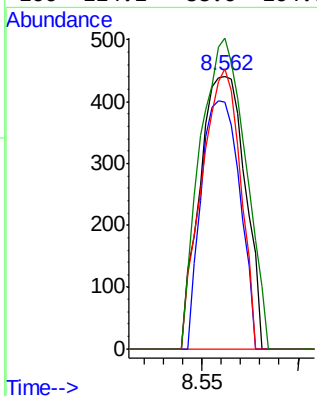
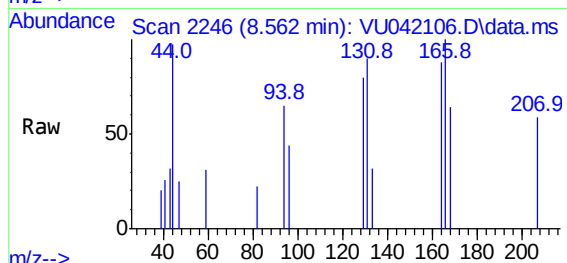


#47
Tetrachloroethene
Concen: 0.10 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

Tgt Ion:164 Resp: 718

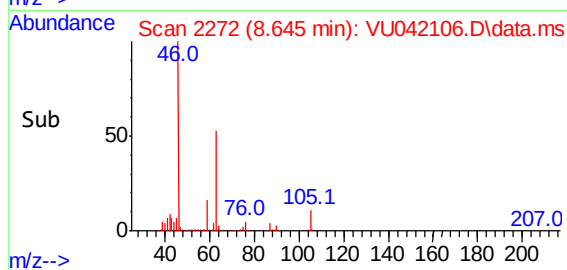
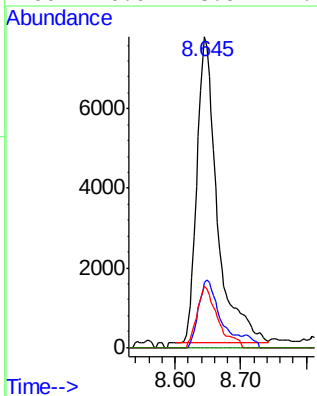
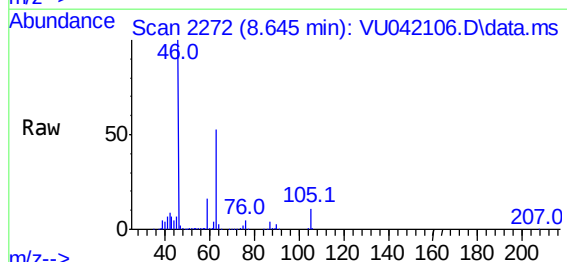
Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.3	119.5
131	102.9	62.2	115.6
166	114.1	88.6	164.6

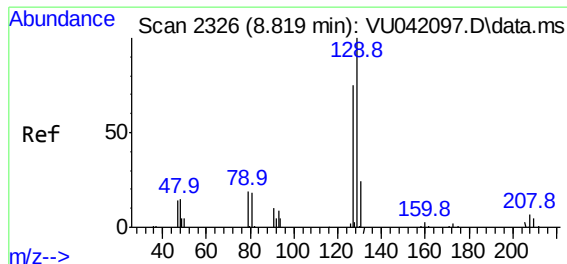


#48
2-Hexanone
Concen: 3.24 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 43 Resp: 16539

Ion	Ratio	Lower	Upper
43	100		
58	23.4	40.6	61.0#
57	20.0	14.9	22.3
100	0.0	8.6	12.8#

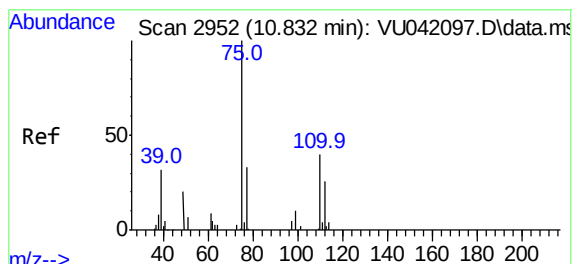
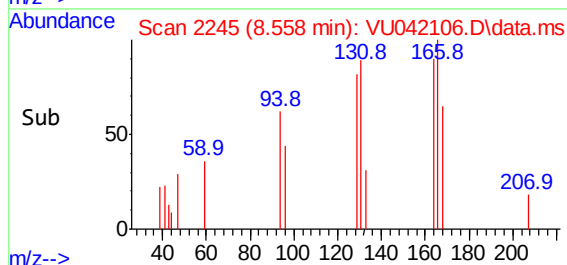
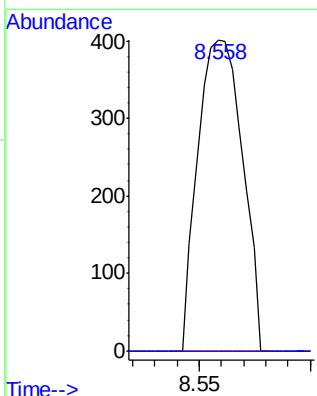
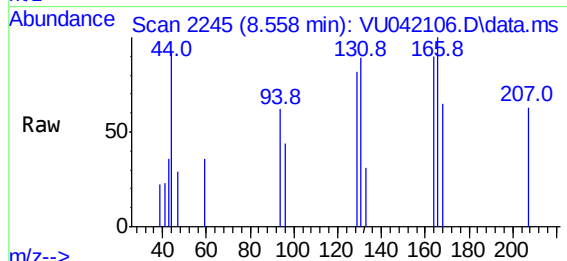




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
BFXQ1DL

Tgt Ion:129 Resp: 561
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.05 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042106.D
Acq: 20 Jan 2021 15:23

Tgt Ion: 75 Resp: 6374
Ion Ratio Lower Upper
75 100
77 34.8 26.0 39.0

