

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042811.D
 Acq On : 29 Mar 2021 13:01
 Operator : SY/MD
 Sample : M1846-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR31

Quant Time: Mar 30 01:13:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

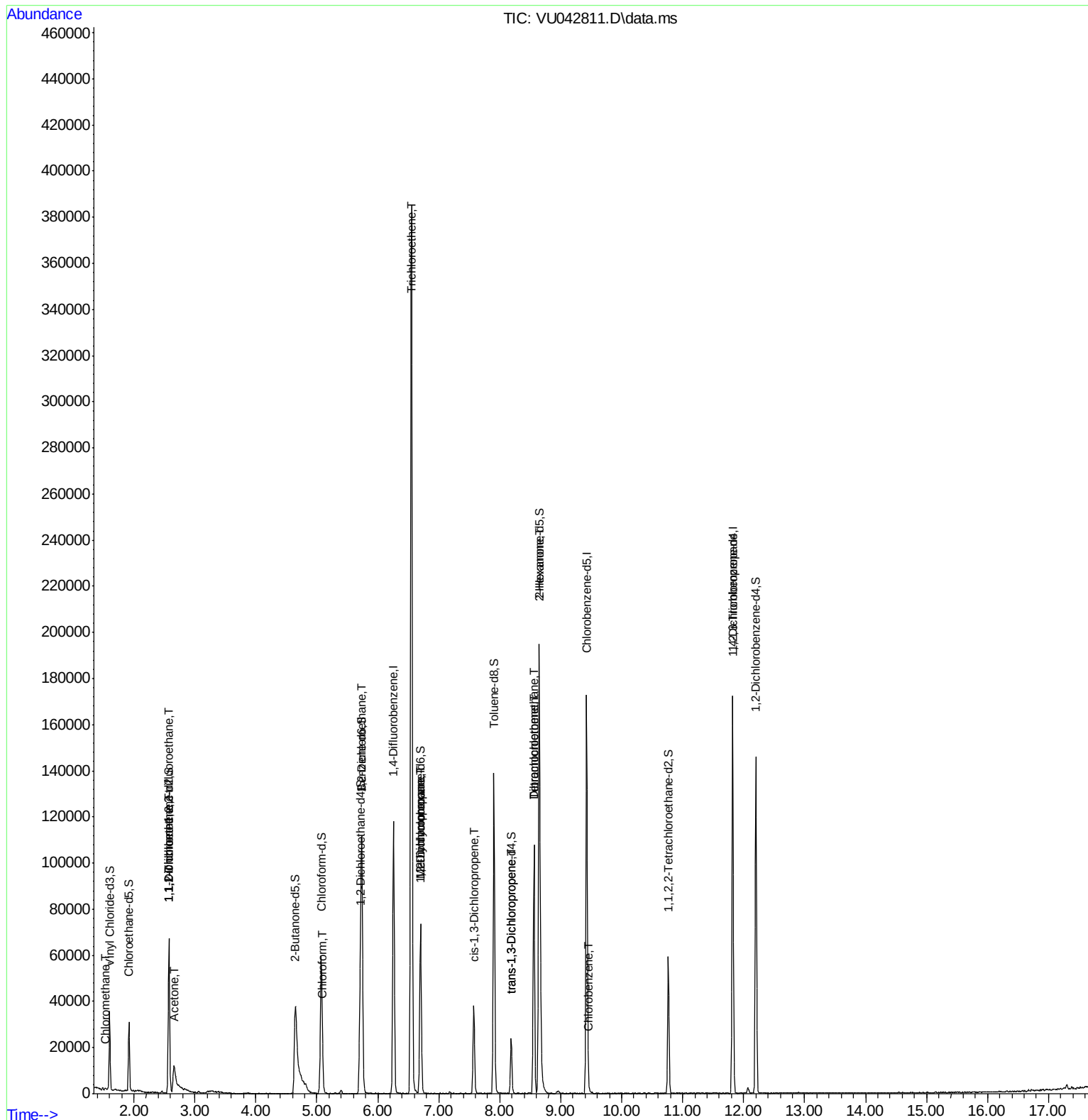
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	89705	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	42629	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23309	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.919	69	20114	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.575	63	41790	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.649	46	101785	51.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	5.073	84	51566	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.713	65	33069	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.736	84	93378	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.700	67	32246	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.906	98	87083	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloroprop...	8.189	79	13304	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.649	63	72323	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27325	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	35824	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						
3) Chloromethane	1.523	50	344	0.04	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	316	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	528	0.08	ug/L #	1
13) Acetone	2.662	43	29135	19.26	ug/L	88
25) Chloroform	5.096	83	2487	0.18	ug/L	95
27) 1,2-Dichloroethane	5.732	62	560	0.06	ug/L #	75
34) Trichloroethene	6.552	95	125975	16.30	ug/L	98
35) Methylcyclohexane	6.700	83	7323	0.62	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3701	0.49	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1145	0.10	ug/L #	77
44) trans-1,3-Dichloropropene	8.189	75	609	0.06	ug/L #	61
47) Tetrachloroethene	8.562	164	22827	3.62	ug/L	97
48) 2-Hexanone	8.645	43	12401	2.56	ug/L #	69
49) Dibromochloromethane	8.562	129	20960	3.02	ug/L #	12
51) Chlorobenzene	9.456	112	1054	0.05	ug/L	99
59) 1,2,3-Trichloropropane	11.819	75	5029	0.89	ug/L #	78

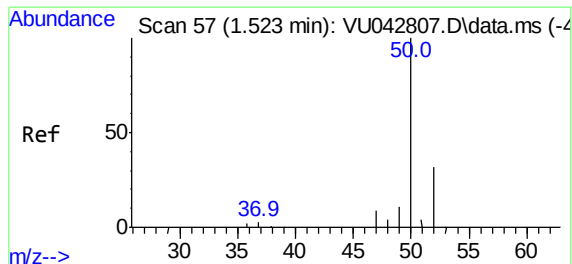
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
Data File : VU042811.D
Acq On : 29 Mar 2021 13:01
Operator : SY/MD
Sample : M1846-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YAR31

Quant Time: Mar 30 01:13:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 30 01:12:10 2021
Response via : Initial Calibration

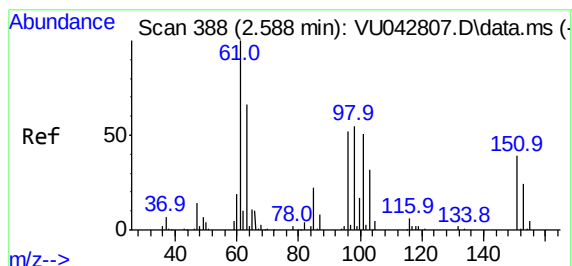
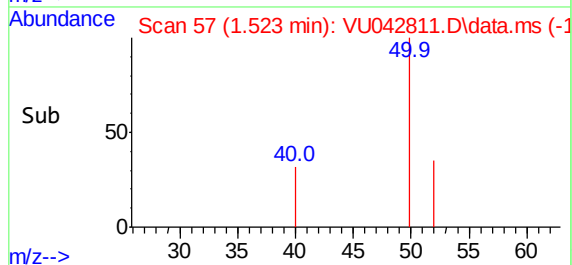
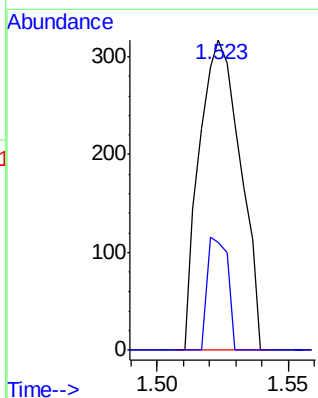
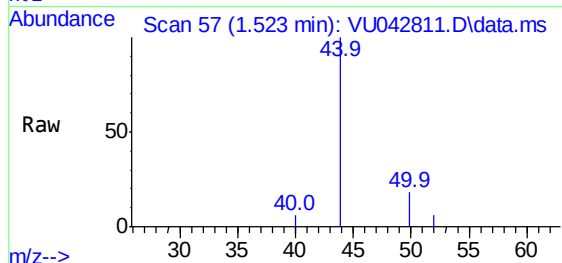




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

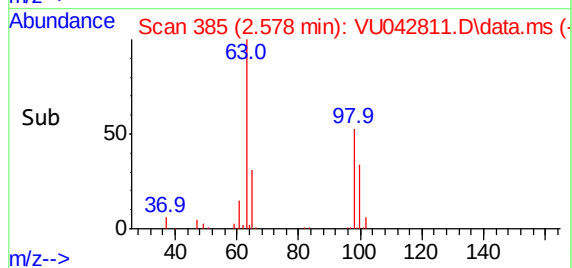
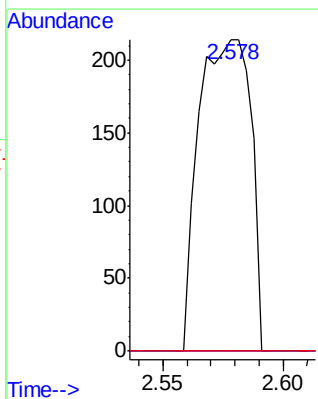
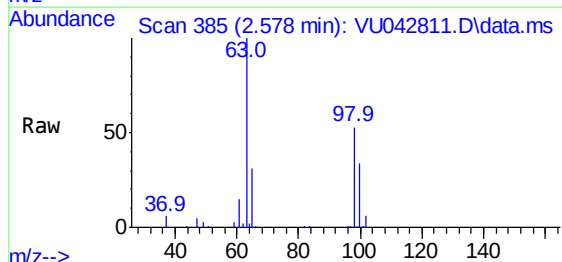
Instrument :
MSVOA_U
ClientSampleId :
YAR31

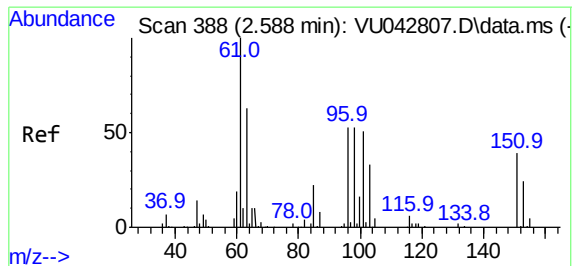
Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 35.0 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion:101 Resp: 316
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

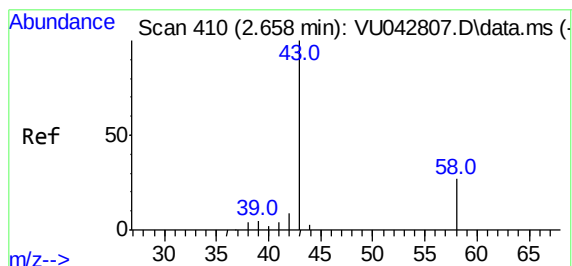
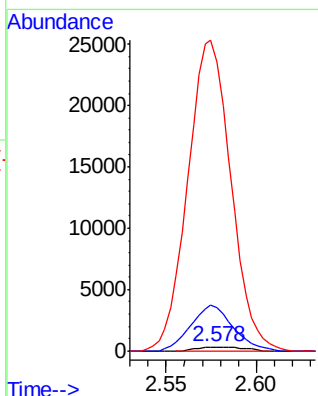
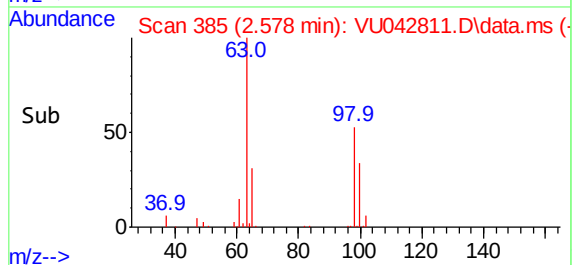
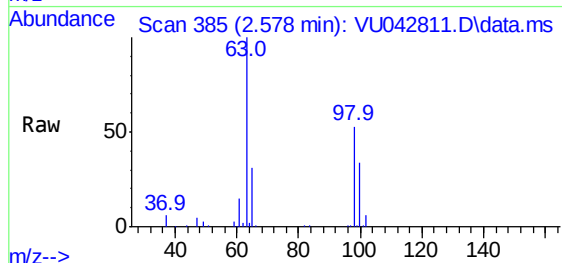




#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

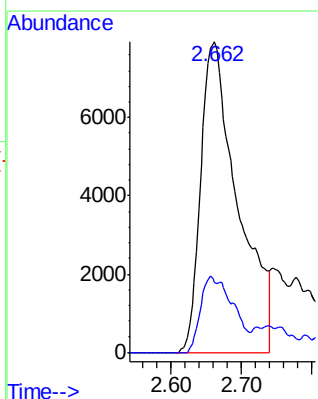
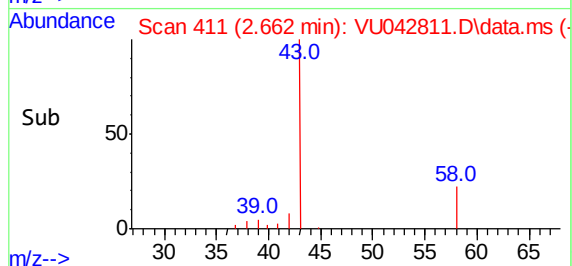
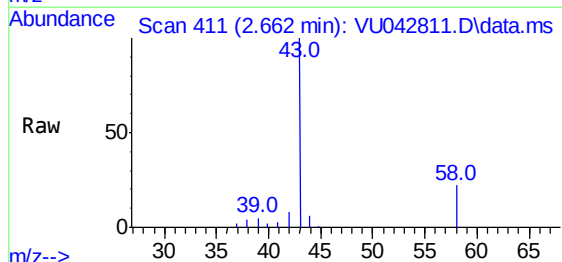
Instrument :
MSVOA_U
ClientSampleId :
YAR31

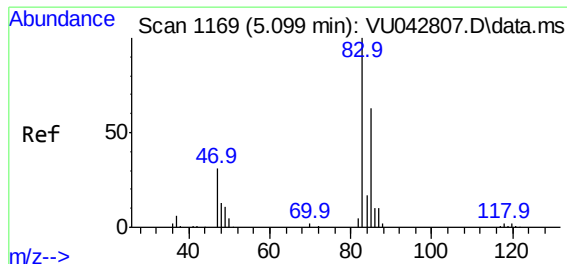
Tgt Ion: 96 Resp: 528
Ion Ratio Lower Upper
96 100
61 1167.0 126.2 234.4#
63 7694.1 77.8 144.4#



#13
Acetone
Concen: 19.26 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 43 Resp: 29135
Ion Ratio Lower Upper
43 100
58 21.7 0.0 55.8

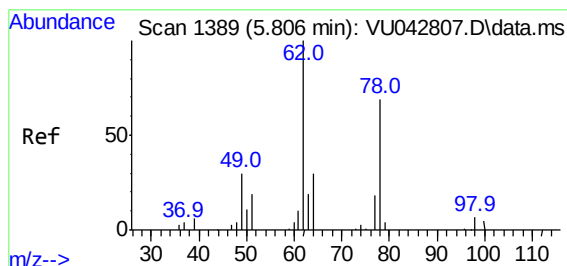
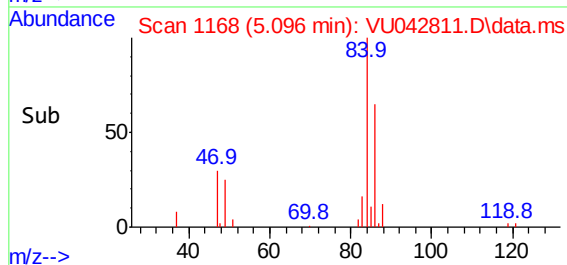
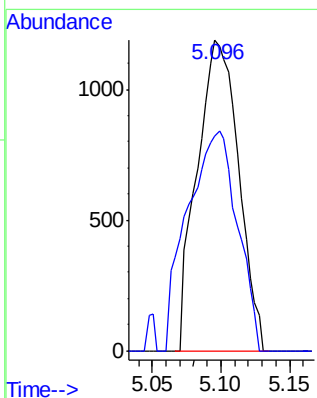
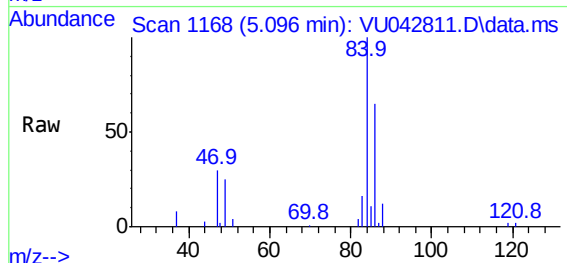




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

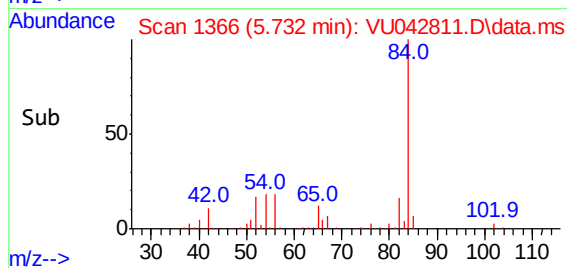
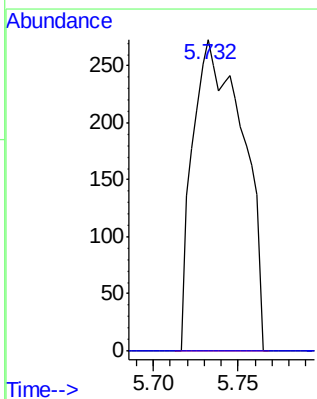
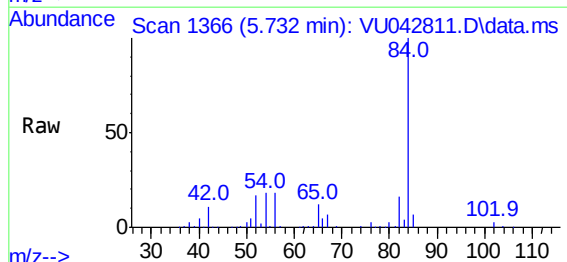
Instrument :
MSVOA_U
ClientSampleId :
YAR31

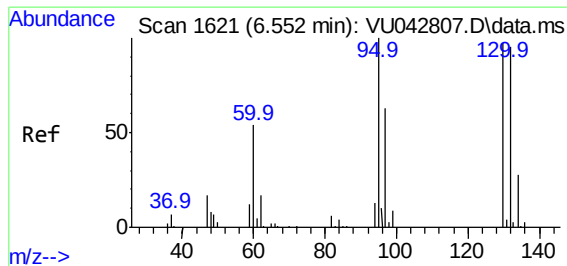
Tgt Ion: 83 Resp: 2487
Ion Ratio Lower Upper
83 100
85 69.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 62 Resp: 560
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

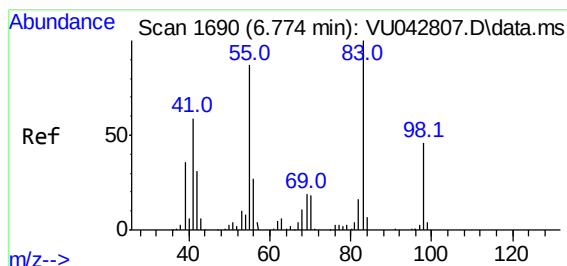
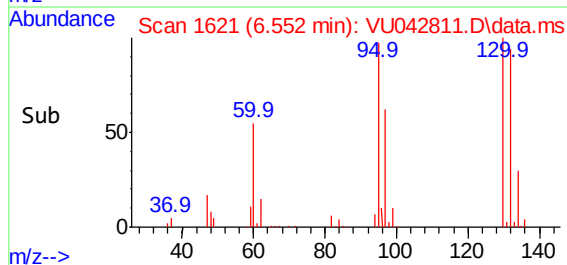
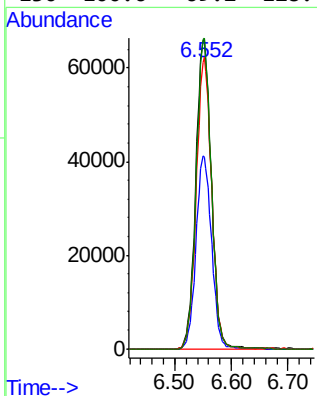
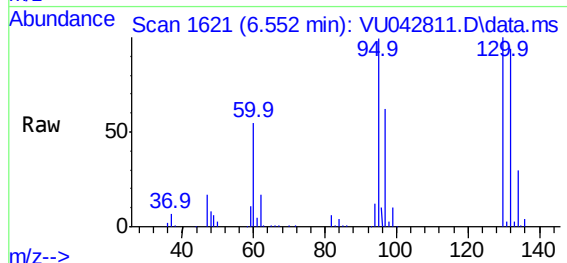




#34
Trichloroethene
Concen: 16.30 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

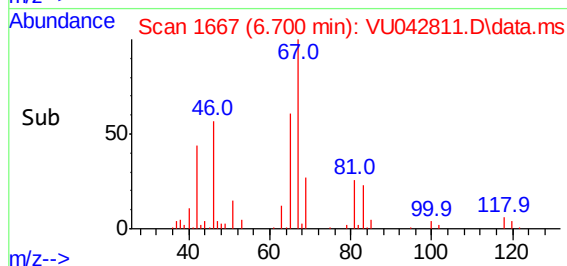
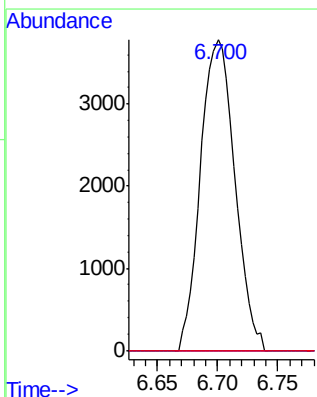
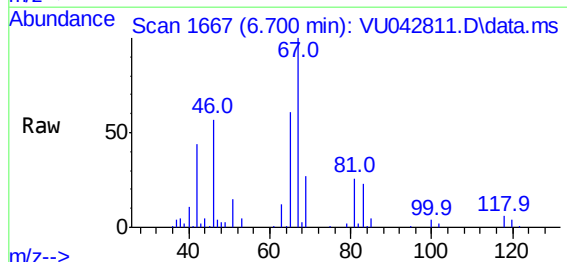
Instrument :
MSVOA_U
ClientSampleId :
YAR31

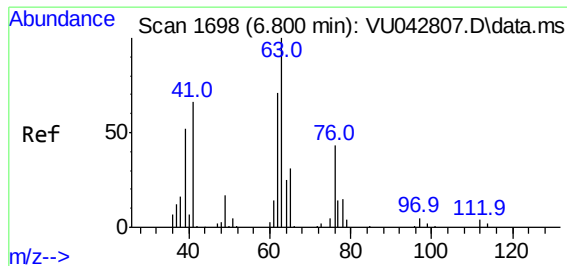
Tgt Ion: 95 Resp: 125975
Ion Ratio Lower Upper
95 100
97 62.0 44.4 82.4
132 94.6 68.0 126.4
130 100.6 69.2 128.4



#35
Methylcyclohexane
Concen: 0.62 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 83 Resp: 7323
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

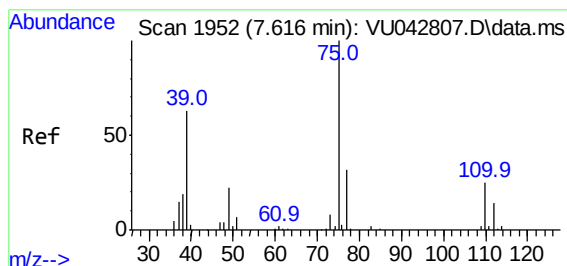
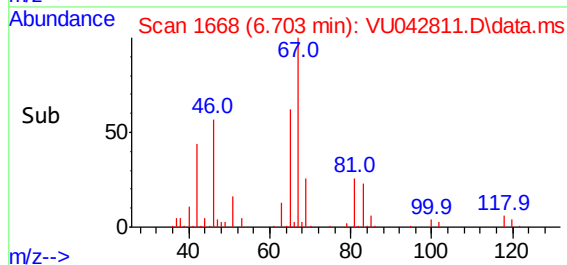
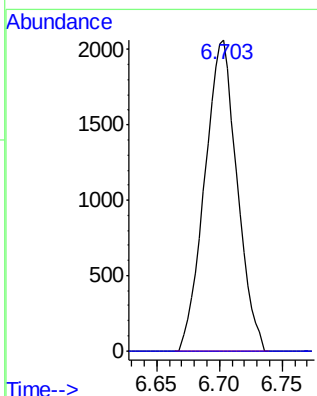
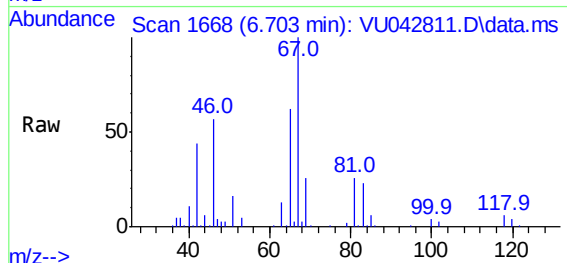




#37
1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

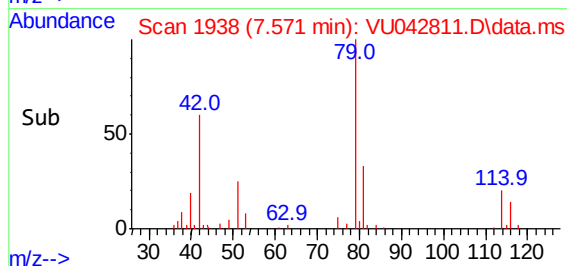
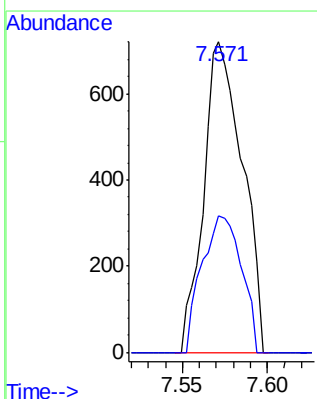
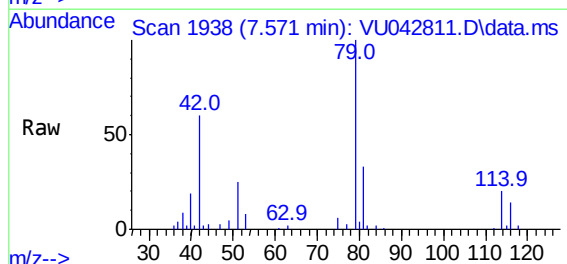
Instrument :
MSVOA_U
ClientSampleId :
YAR31

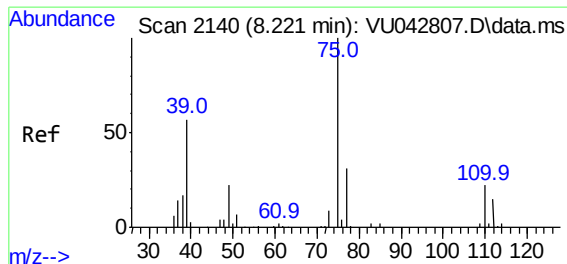
Tgt Ion: 63 Resp: 3701
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 44.0 22.0 40.8#

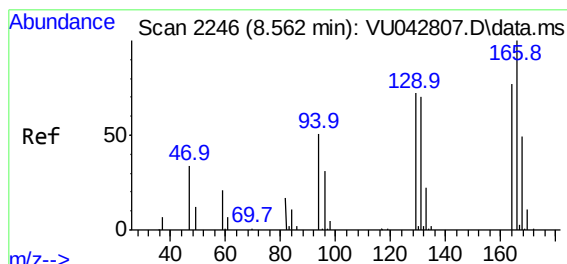
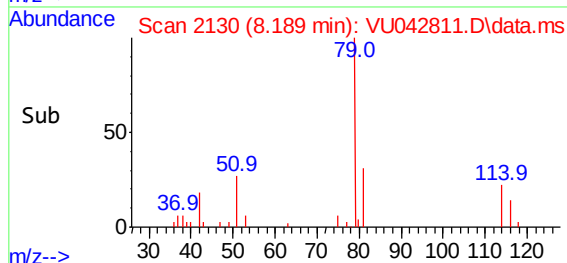
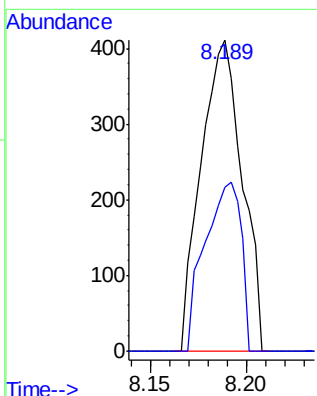
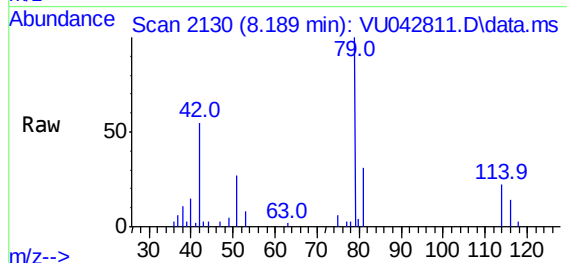




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

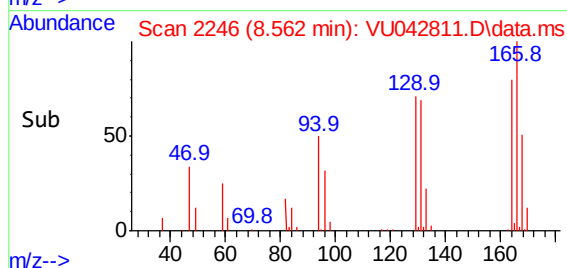
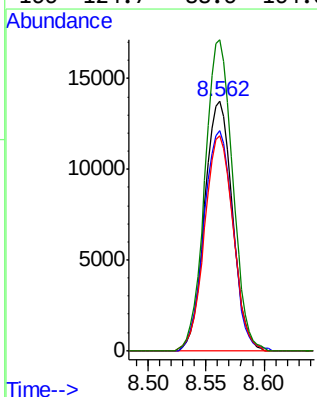
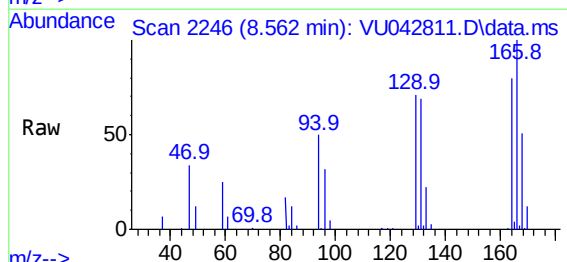
Instrument :
MSVOA_U
ClientSampleId :
YAR31

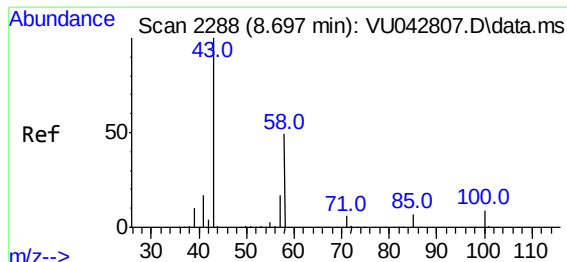
Tgt Ion: 75 Resp: 609
Ion Ratio Lower Upper
75 100
77 52.8 21.8 40.4#



#47
Tetrachloroethene
Concen: 3.62 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 164 Resp: 22827
Ion Ratio Lower Upper
164 100
129 88.4 64.3 119.5
131 86.0 62.2 115.6
166 124.7 88.6 164.6

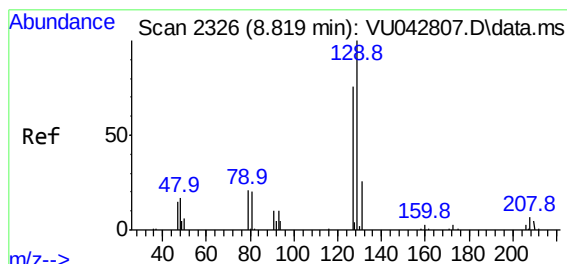
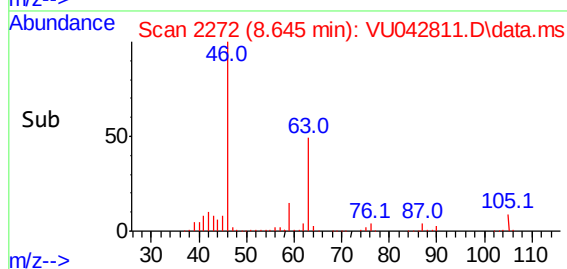
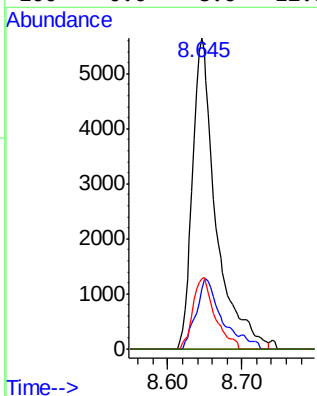
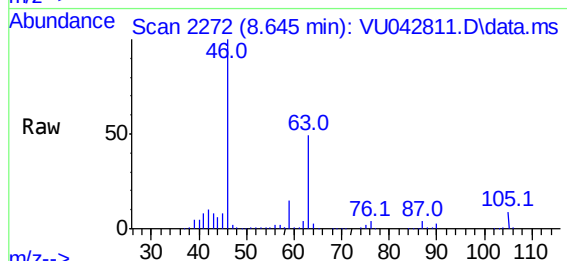




#48
2-Hexanone
Concen: 2.56 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

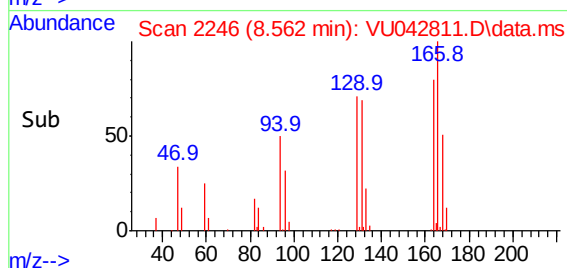
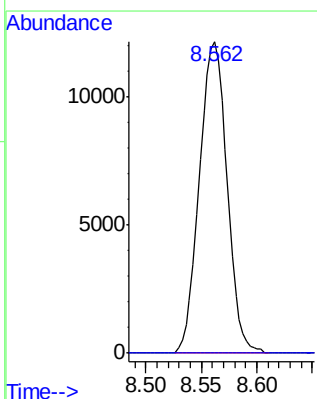
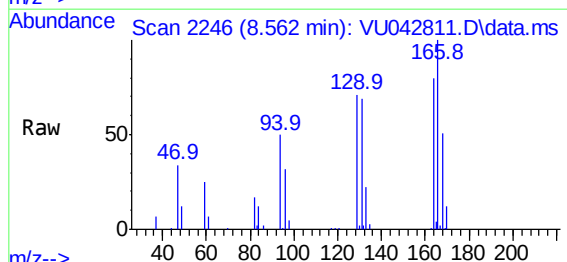
Instrument :
MSVOA_U
ClientSampleId :
YAR31

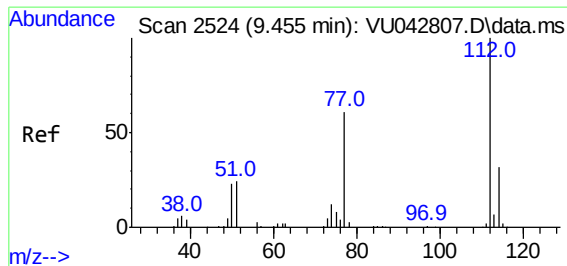
Tgt Ion: 43 Resp: 12401
Ion Ratio Lower Upper
43 100
58 23.1 40.6 61.0#
57 21.4 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 3.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 129 Resp: 20960
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#

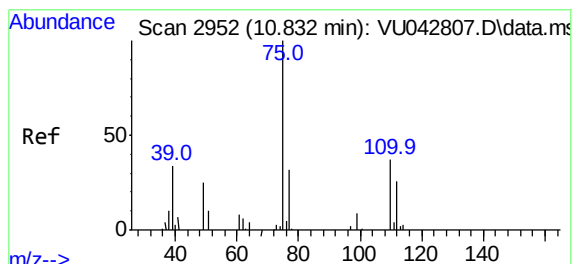
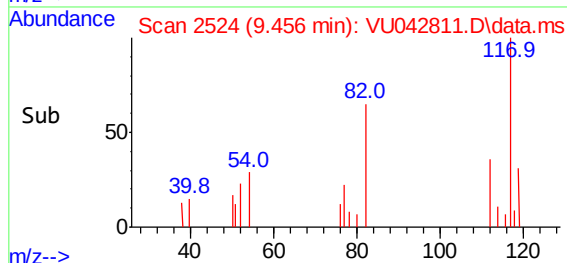
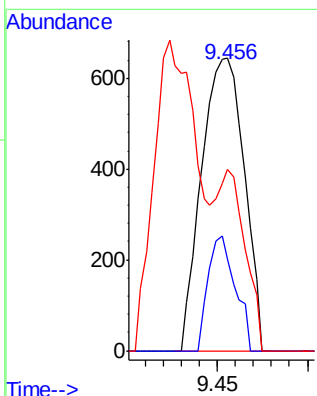
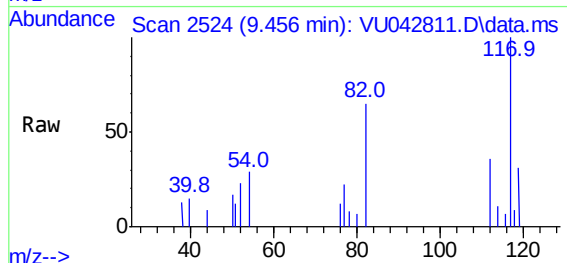




#51
Chlorobenzene
Concen: 0.05 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Instrument :
MSVOA_U
ClientSampleId :
YAR31

Tgt Ion:112 Resp: 1054
Ion Ratio Lower Upper
112 100
114 31.1 22.0 41.0
77 61.6 49.8 74.6



#59
1,2,3-Trichloropropane
Concen: 0.89 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042811.D
Acq: 29 Mar 2021 13:01

Tgt Ion: 75 Resp: 5029
Ion Ratio Lower Upper
75 100
77 45.1 26.0 39.0#

