

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042031.D
 Acq On : 14 Jan 2021 13:51
 Operator : SY/MD
 Sample : M1132-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1A18

Quant Time: Jan 15 05:24:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

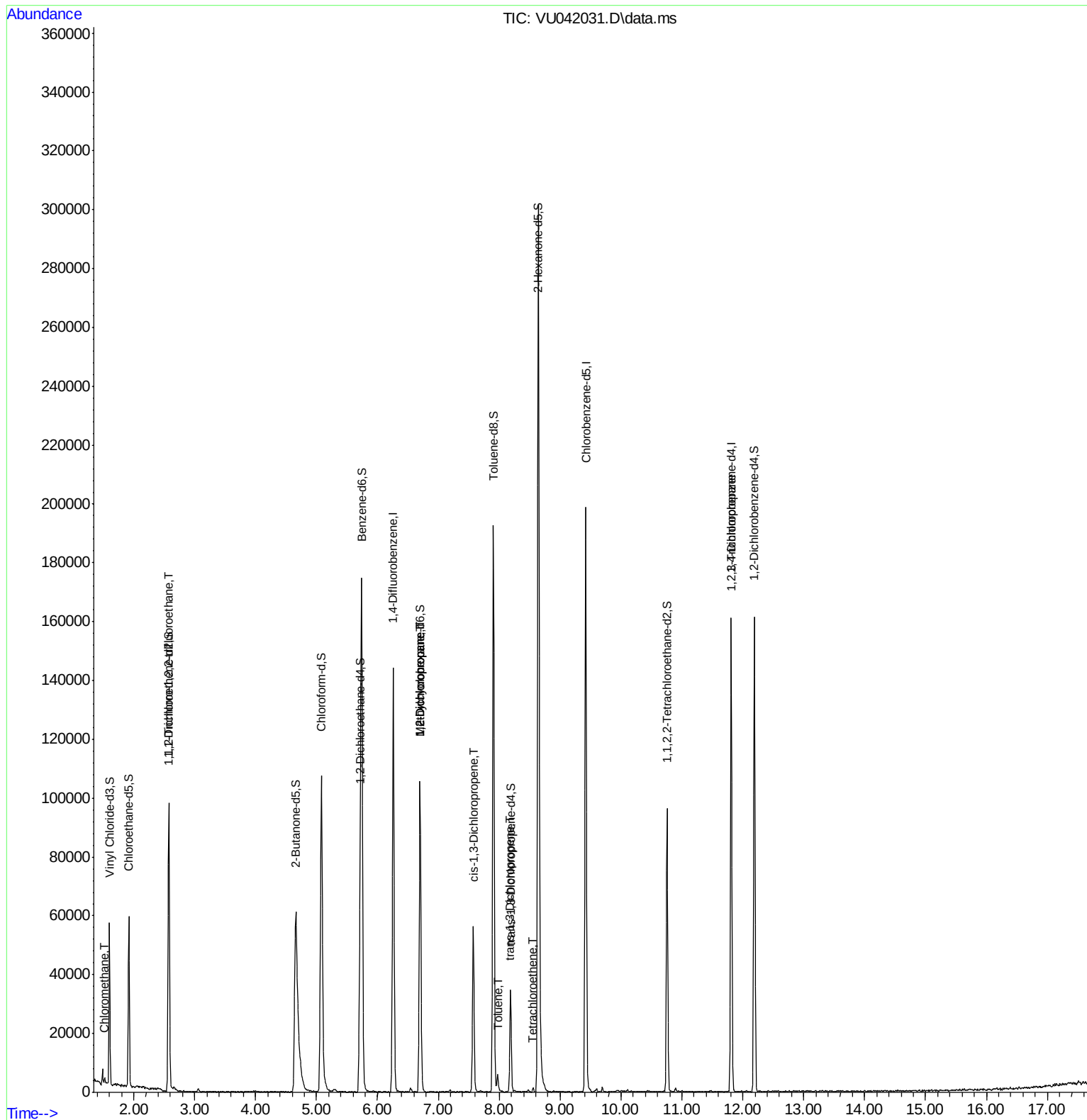
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	113882	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42826	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36804	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.919	69	39538	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.575	63	59470	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.661	46	151171	52.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	5.079	84	85329	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.716	65	47025	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.742	84	160681	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.703	67	53022	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.902	98	128523	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloroprop...	8.185	79	20897	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.642	63	120841	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	49624	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.192	152	41597	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
3) Chloromethane	1.520	50	1442	0.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	483	0.05	ug/L #	21
35) Methylcyclohexane	6.700	83	12034	0.73	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	5414	0.50	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1133	0.07	ug/L #	1
42) Toluene	7.976	91	4485	0.10	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	805	0.06	ug/L #	78
47) Tetrachloroethene	8.555	164	395	0.06	ug/L #	75
59) 1,2,3-Trichloropropane	11.806	75	4893	0.69	ug/L	95

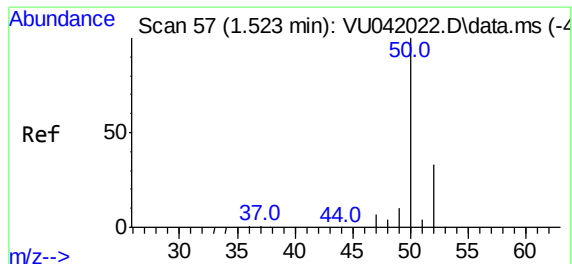
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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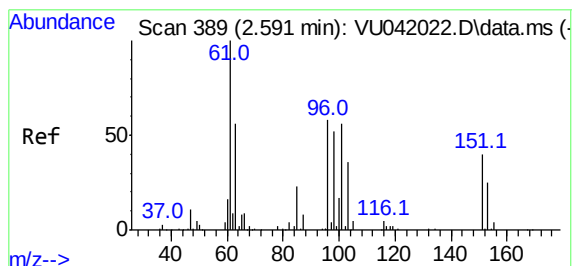
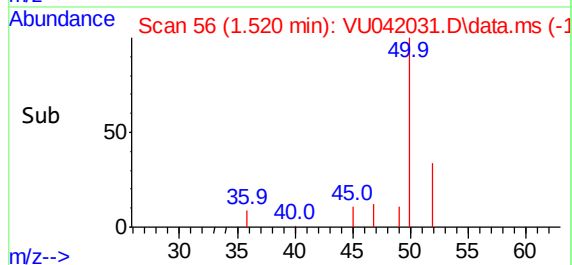
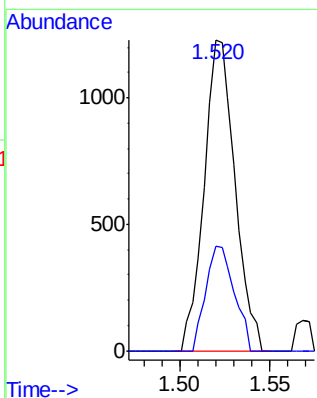
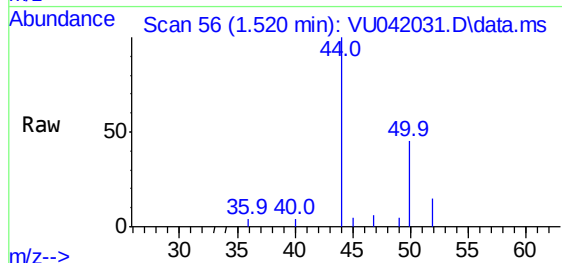




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

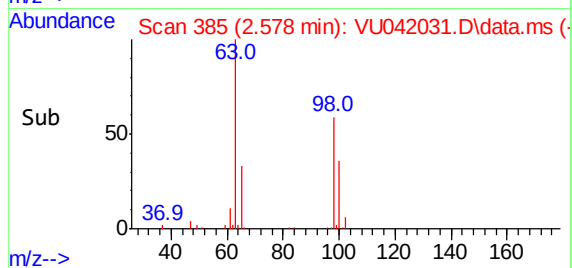
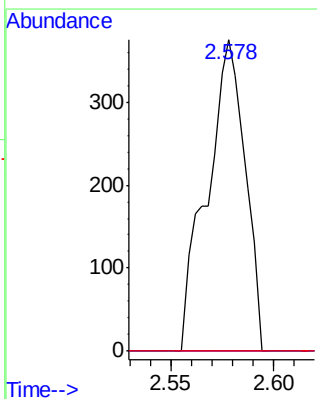
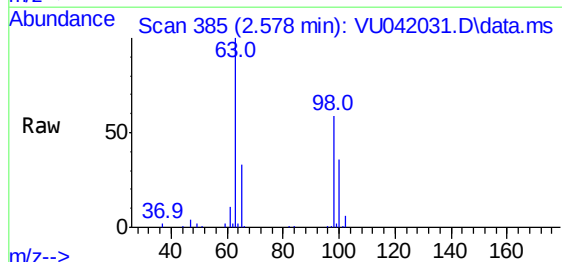
Instrument :
MSVOA_U
ClientSampleId :
F1A18

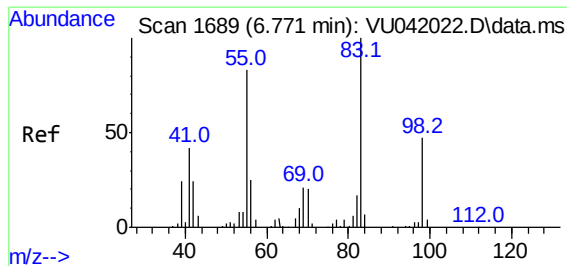
Tgt Ion: 50 Resp: 1442
Ion Ratio Lower Upper
50 100
52 33.8 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

Tgt Ion: 101 Resp: 483
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

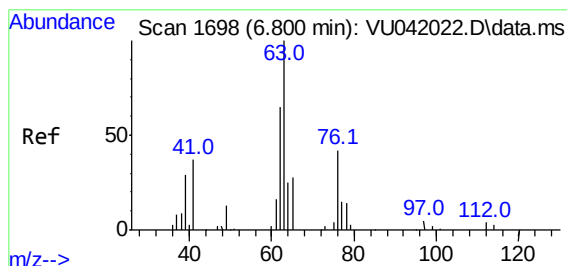
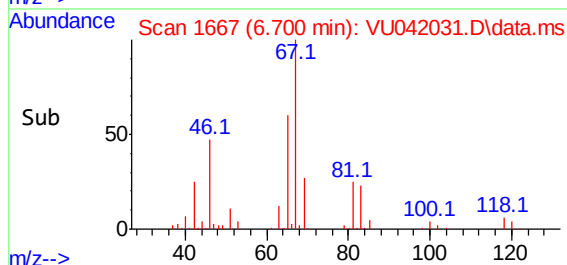
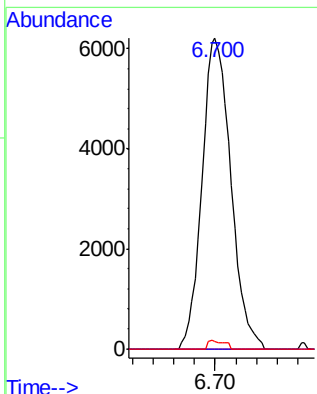
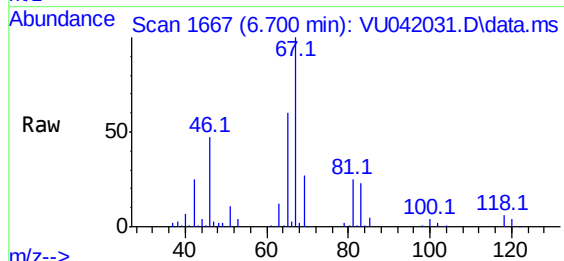




#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

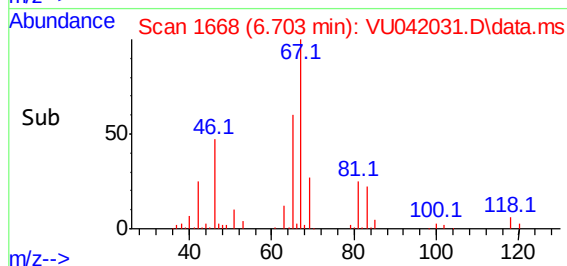
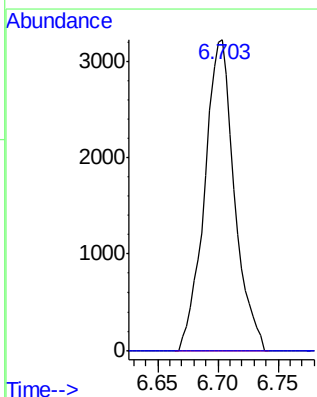
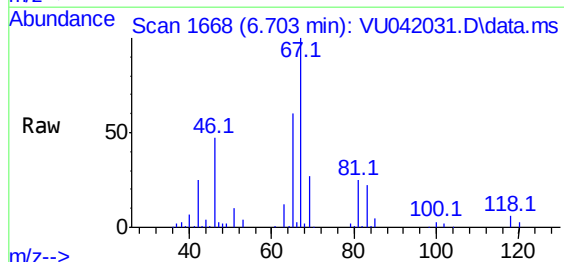
Instrument :
MSVOA_U
ClientSampleId :
F1A18

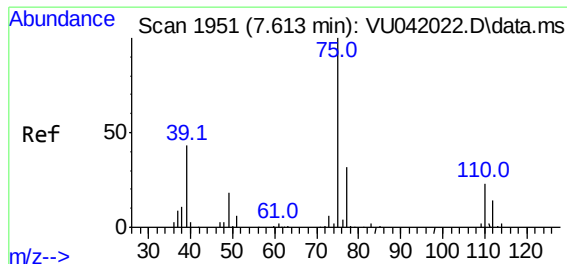
Tgt Ion: 83 Resp: 12034
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 1.5 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

Tgt Ion: 63 Resp: 5414
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

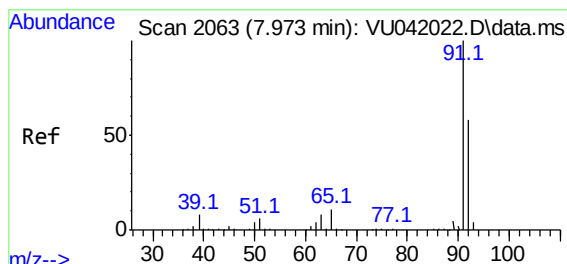
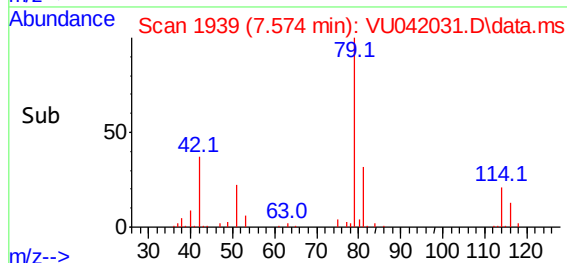
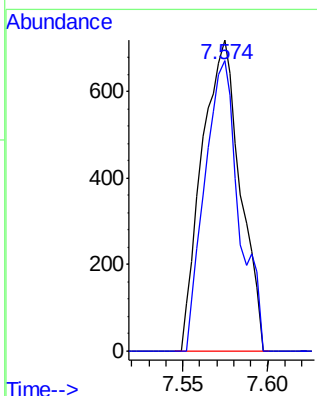
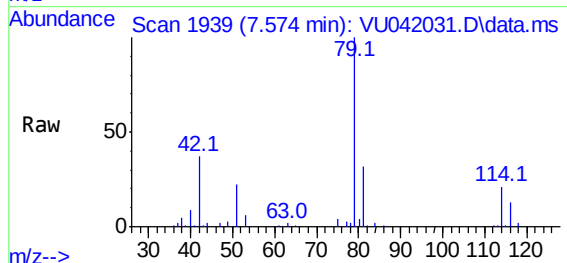




#39
cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

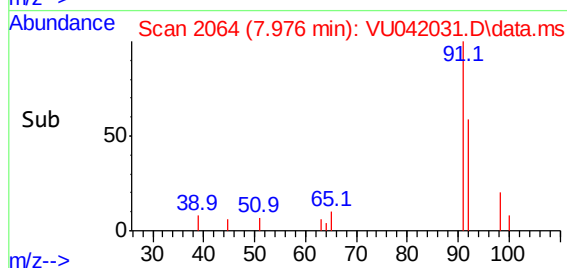
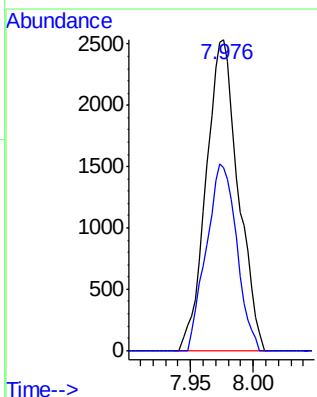
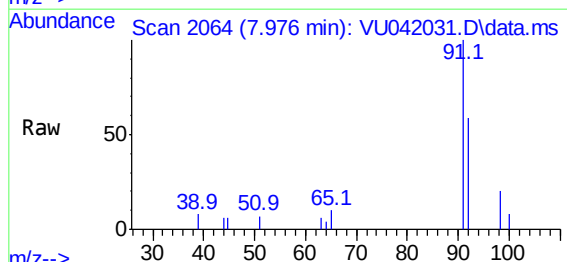
Instrument :
MSVOA_U
ClientSampled :
F1A18

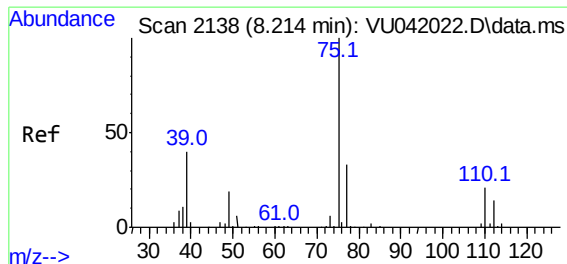
Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 93.6 21.9 40.7#



#42
Toluene
Concen: 0.10 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

Tgt Ion: 91 Resp: 4485
Ion Ratio Lower Upper
91 100
92 58.7 40.7 75.7



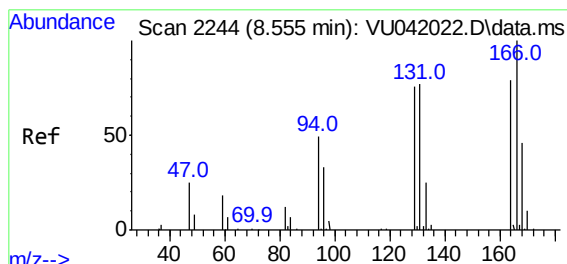
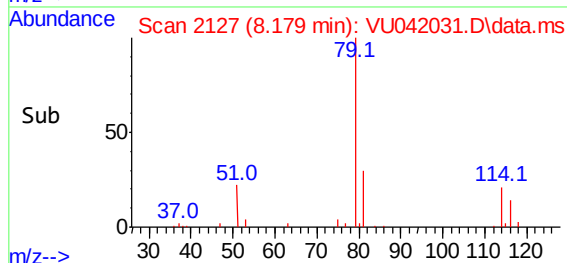
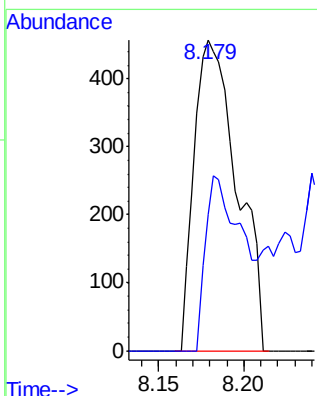
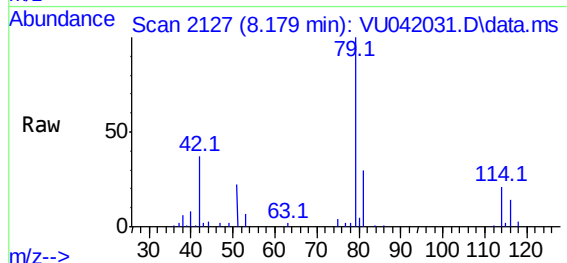


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

Instrument :
MSVOA_U
ClientSampleId :
F1A18

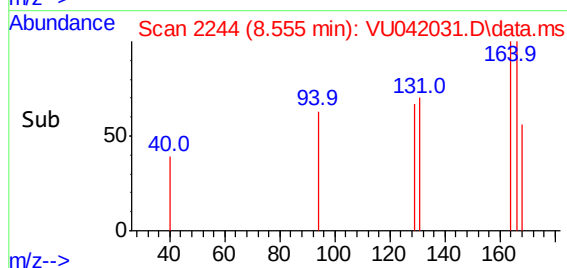
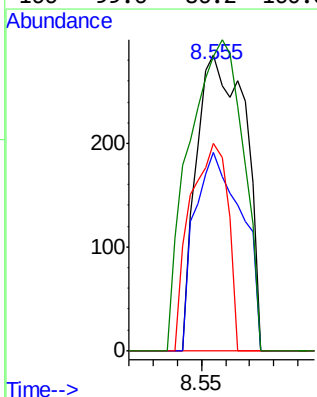
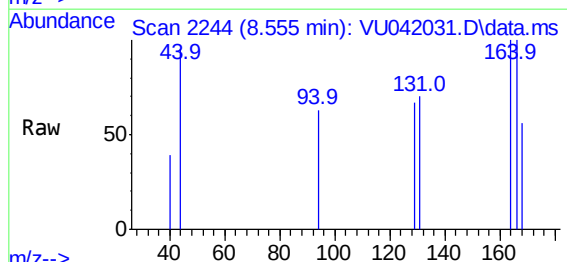
Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 43.8 22.0 41.0#

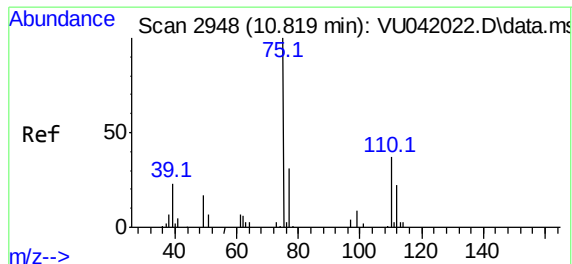


#47

Tetrachloroethene
Concen: 0.06 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

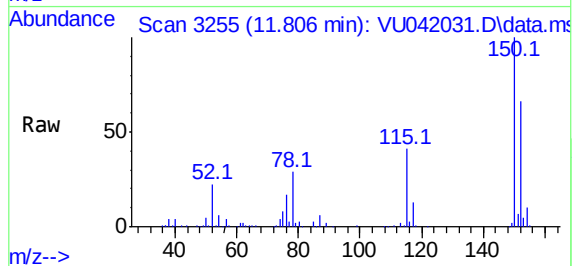
Tgt Ion:164 Resp: 395
Ion Ratio Lower Upper
164 100
129 67.0 68.7 127.5#
131 70.2 65.2 121.0
166 99.6 86.2 160.0





#59
1,2,3-Trichloropropane
Concen: 0.69 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU042031.D
Acq: 14 Jan 2021 13:51

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 4893
Ion Ratio Lower Upper
75 100
77 35.0 25.6 38.4

