

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041993.D
 Acq On : 13 Jan 2021 20:17
 Operator : SY/MD
 Sample : M1027-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 01:38:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	114780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.600	65	39701	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.919	69	42562	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.575	63	63516	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.658	46	164841	56.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	5.079	84	90979	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.716	65	51363	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.742	84	169303	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.703	67	53332	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	123652	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloroprop...	8.185	79	19790	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.642	63	111711	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	45349	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.192	152	43515	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

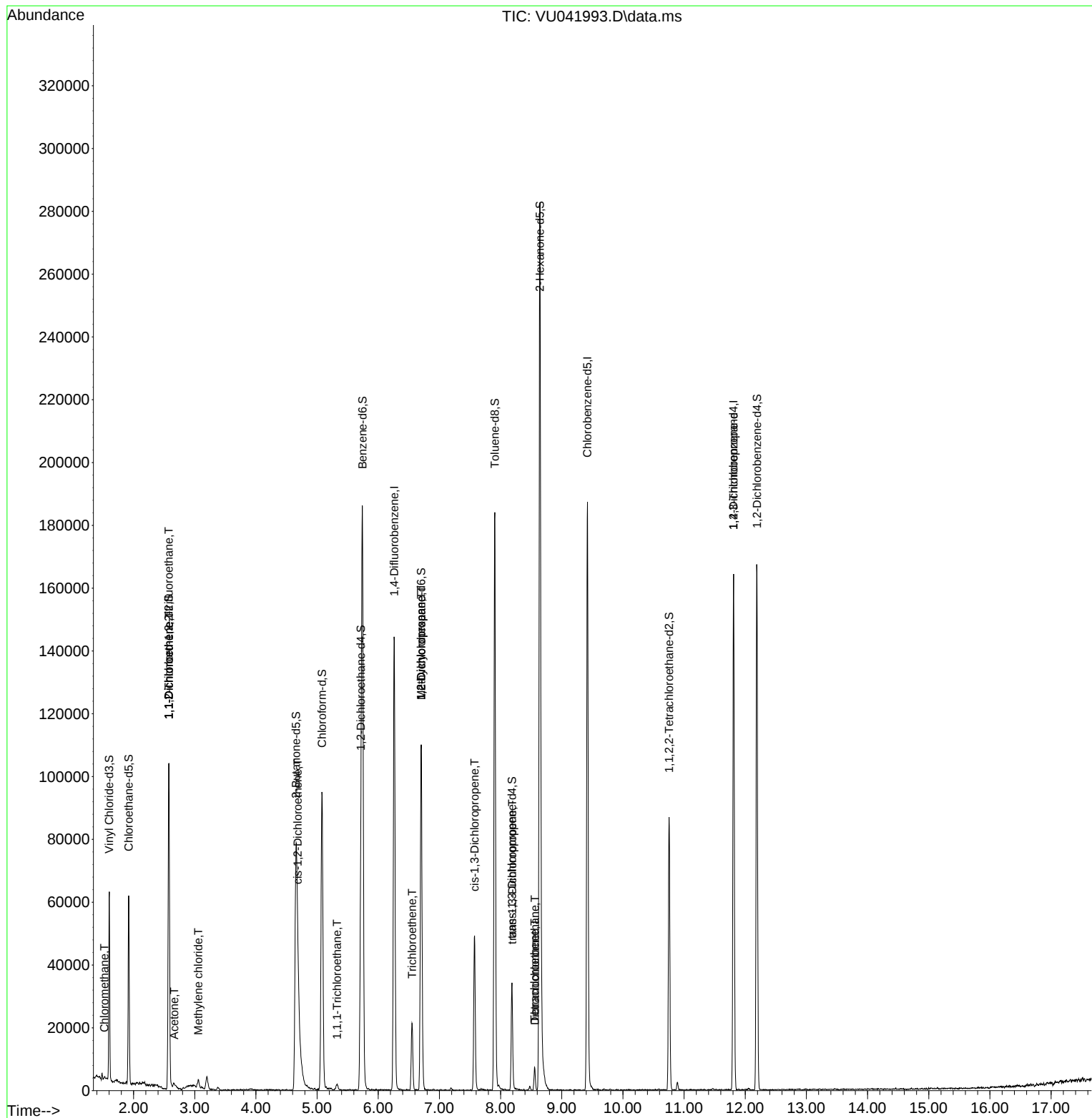
Target Compounds	Qvalue					
3) Chloromethane	1.523	50	781	0.06	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	670	0.07	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	480	0.05	ug/L #	1
13) Acetone	2.665	43	2831	1.56	ug/L	80
16) Methylene chloride	3.057	84	1199	0.11	ug/L	86
22) cis-1,2-Dichloroethene	4.684	96	1400	0.15	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	1505	0.10	ug/L	93
34) Trichloroethene	6.552	95	7564	0.78	ug/L	96
35) Methylcyclohexane	6.703	83	12401	0.81	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5841	0.58	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1170	0.08	ug/L #	31
44) trans-1,3-Dichloropropene	8.189	75	890	0.07	ug/L	87
47) Tetrachloroethene	8.555	164	1497	0.24	ug/L #	83
49) Dibromochloromethane	8.562	129	1662	0.21	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5234	0.79	ug/L	92

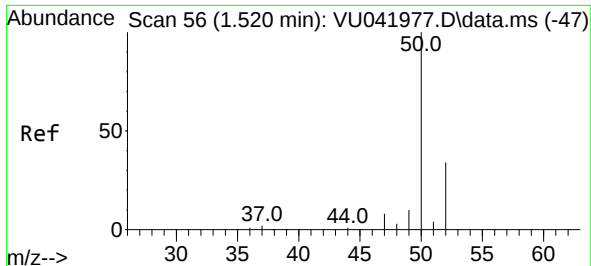
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration

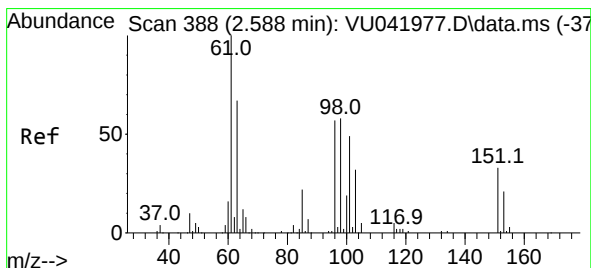
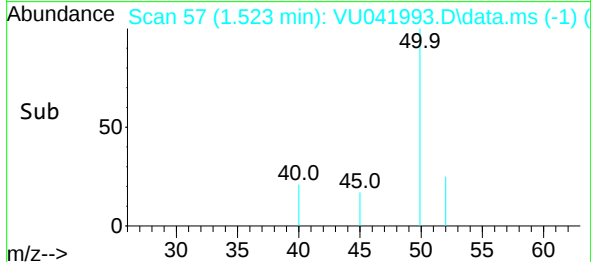
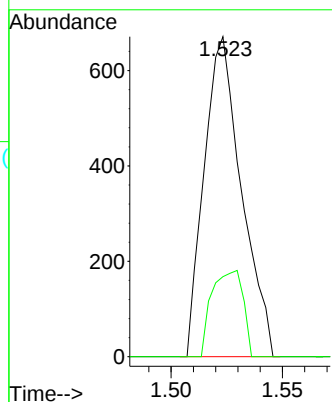
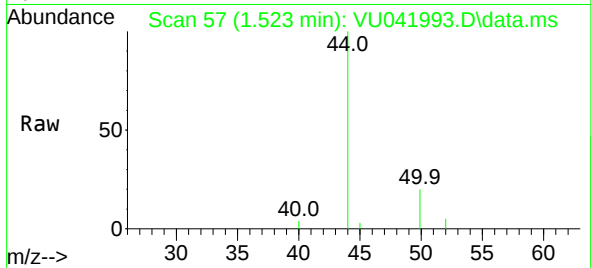




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

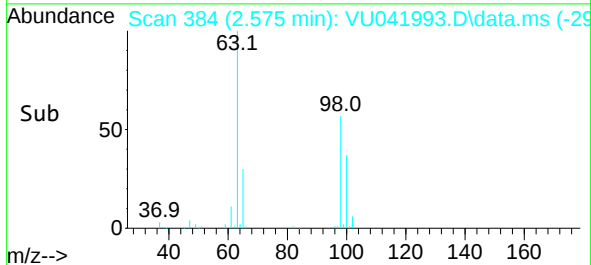
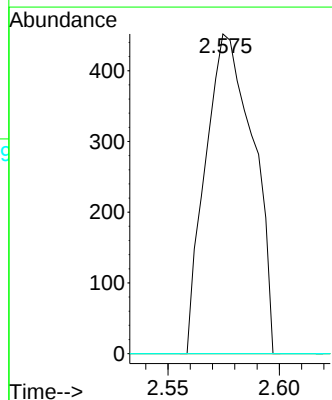
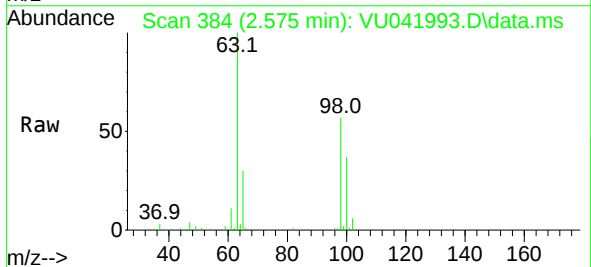
Instrument :
MSVOA_U
ClientSampled :

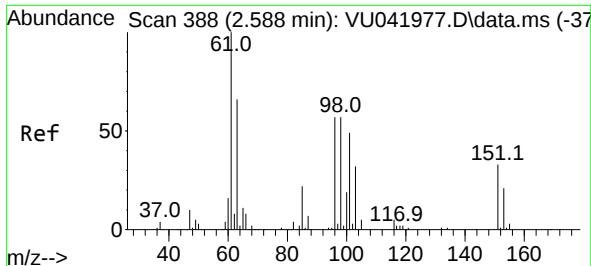
Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 25.0 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Tgt Ion: 101 Resp: 670
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#





#12

1,1-Dichloroethene

Concen: 0.05 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU041993.D

Acq: 13 Jan 2021 20:17

Tgt Ion: 96 Resp: 480

Ion Ratio Lower Upper

96 100

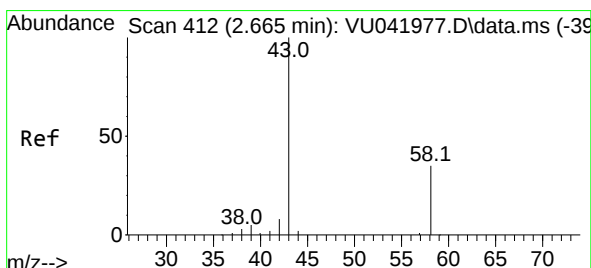
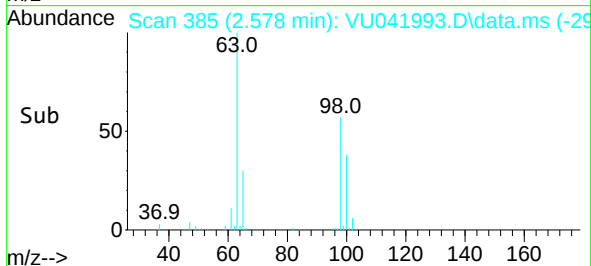
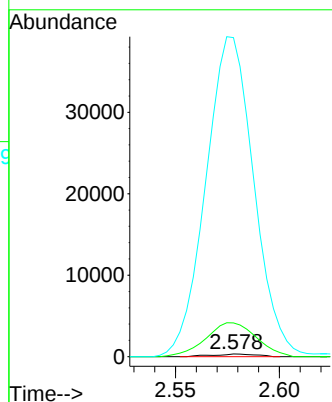
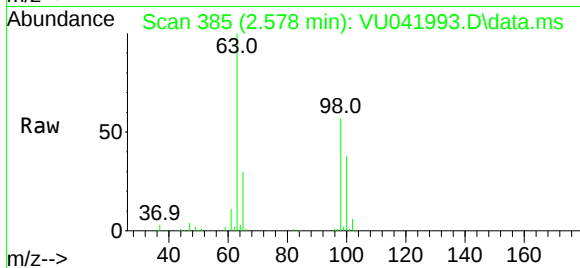
61 1269.4 122.2 226.9#

63 11978.0 82.8 153.8#

Instrument :

MSVOA_U

ClientSampled :



#13

Acetone

Concen: 1.56 ug/L

RT: 2.665 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU041993.D

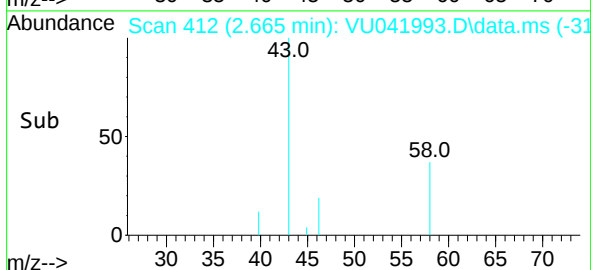
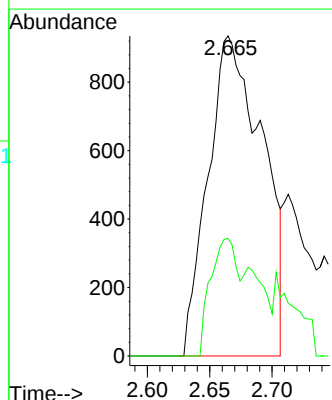
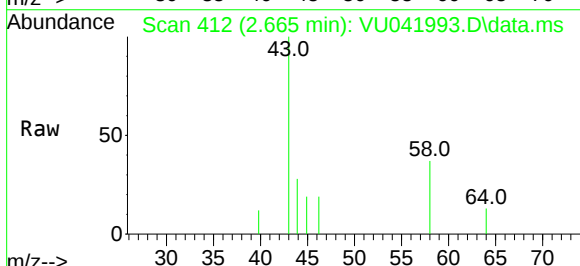
Acq: 13 Jan 2021 20:17

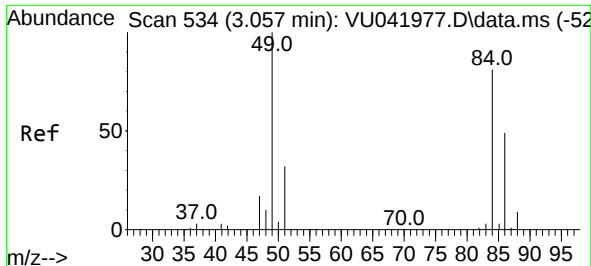
Tgt Ion: 43 Resp: 2831

Ion Ratio Lower Upper

43 100

58 18.2 0.0 57.4

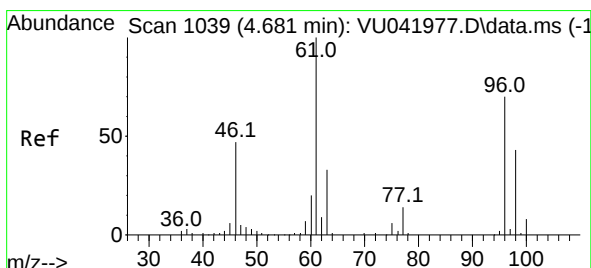
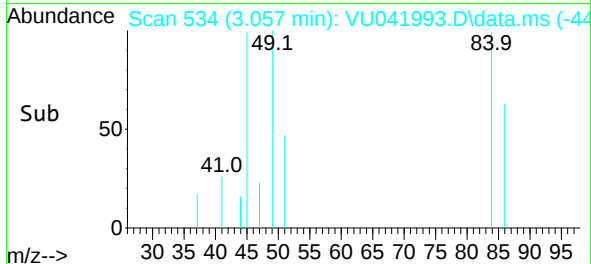
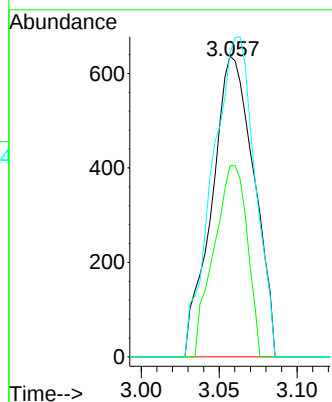
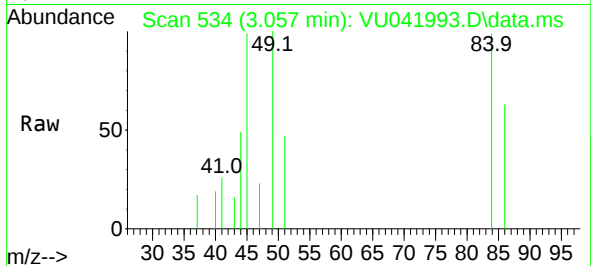




#16
Methylene chloride
Concen: 0.11 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

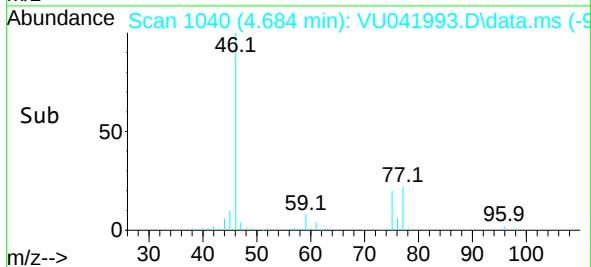
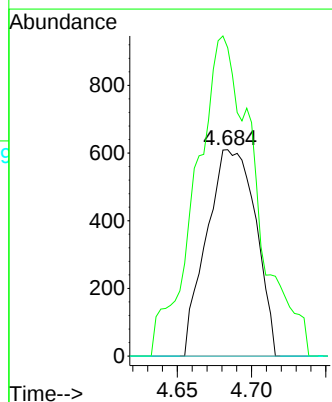
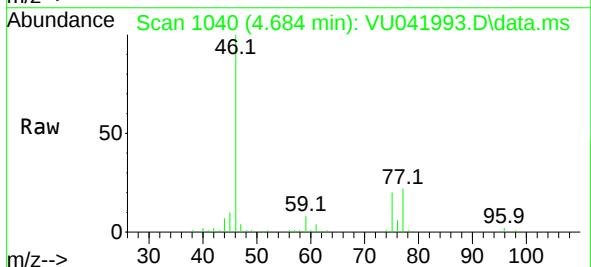
Instrument :
MSVOA_U
ClientSampleId :

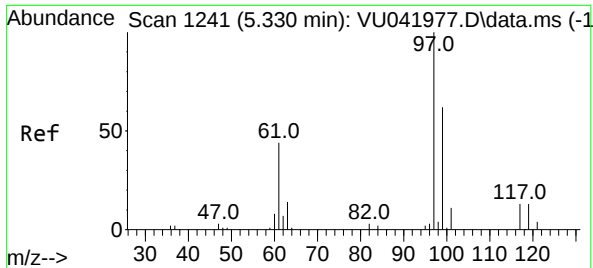
Tgt Ion: 84 Resp: 1199
Ion Ratio Lower Upper
84 100
86 63.6 42.6 79.0
49 100.9 86.2 160.0



#22
cis-1,2-Dichloroethene
Concen: 0.15 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Tgt Ion: 96 Resp: 1400
Ion Ratio Lower Upper
96 100
61 149.3 100.3 186.3
68 0.0 0.0 0.0



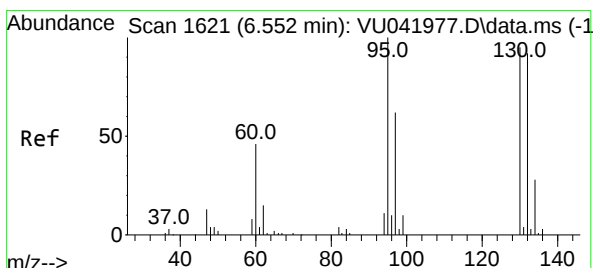
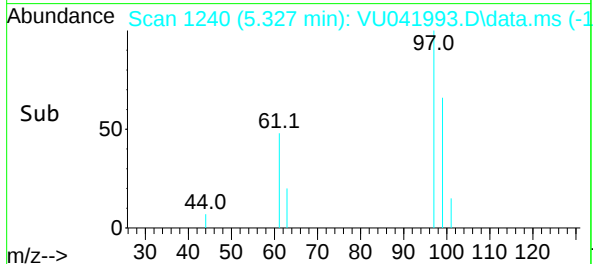
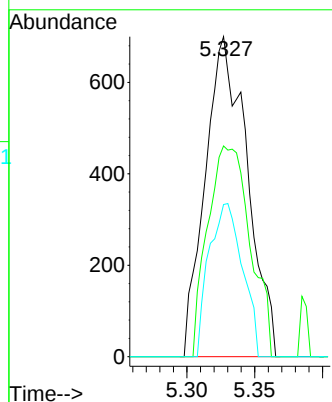
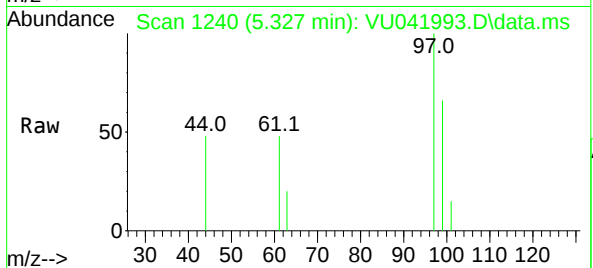


#29

1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Instrument :
MSVOA_U
ClientSampled :

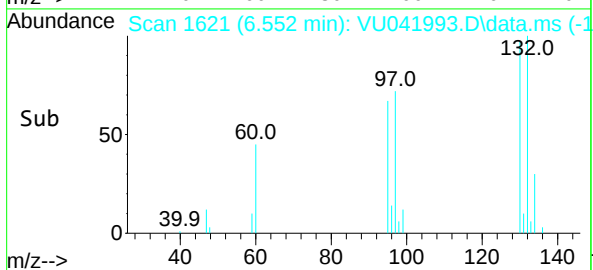
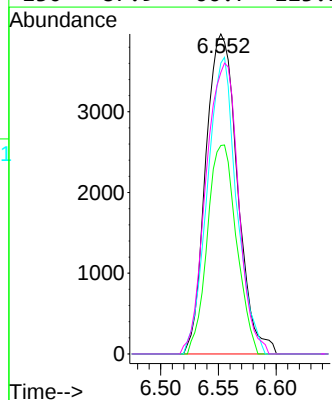
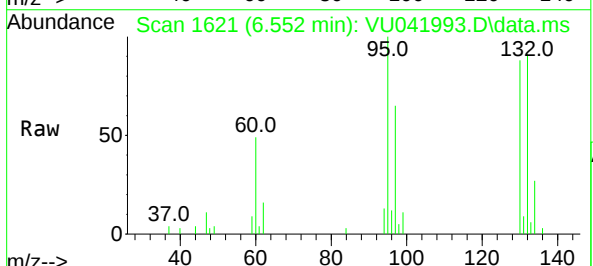
Tgt Ion: 97	Resp: 1505
Ion Ratio	Lower Upper
97 100	
99 66.7	50.2 75.4
61 38.1	35.8 53.6

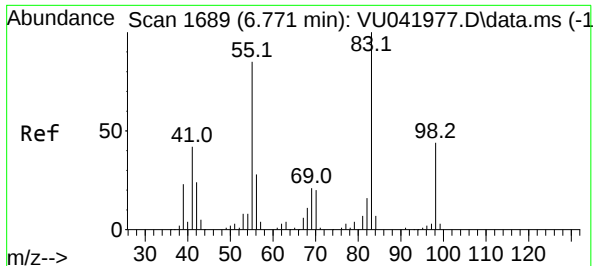


#34

Trichloroethene
Concen: 0.78 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Tgt Ion: 95	Resp: 7564
Ion Ratio	Lower Upper
95 100	
97 65.1	43.6 81.0
132 90.9	64.3 119.3
130 87.9	66.7 123.9





#35

Methylcyclohexane

Concen: 0.81 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.068 min

Lab File: VU041993.D

Acq: 13 Jan 2021 20:17

Tgt Ion: 83 Resp: 12401

Ion Ratio Lower Upper

83 100

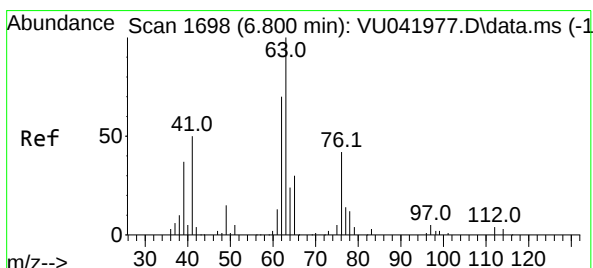
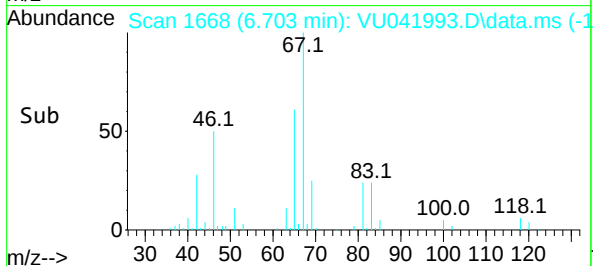
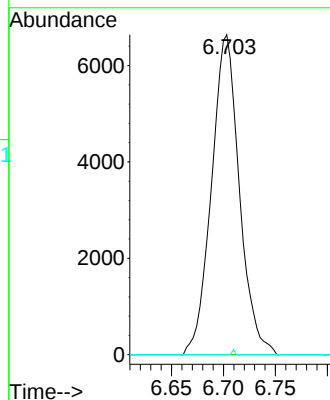
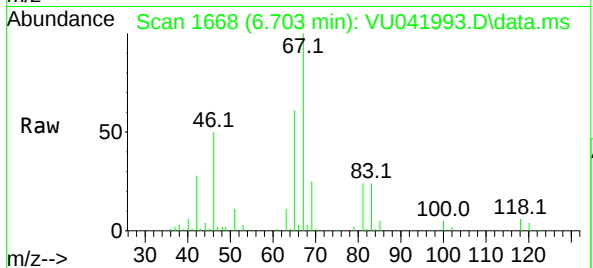
55 0.0 66.8 100.2#

98 0.2 35.7 53.5#

Instrument :

MSVOA_U

ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.58 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.097 min

Lab File: VU041993.D

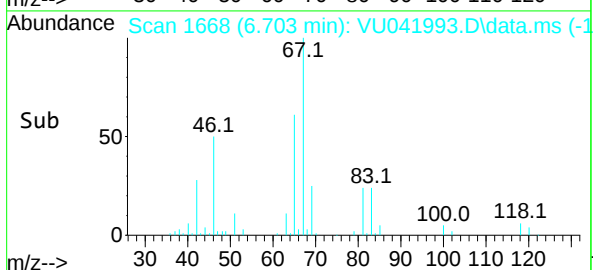
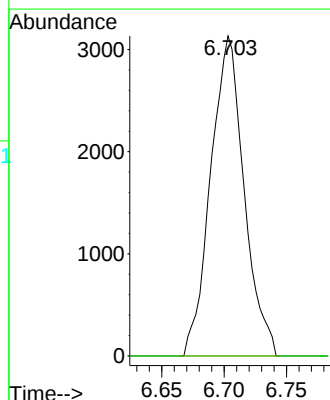
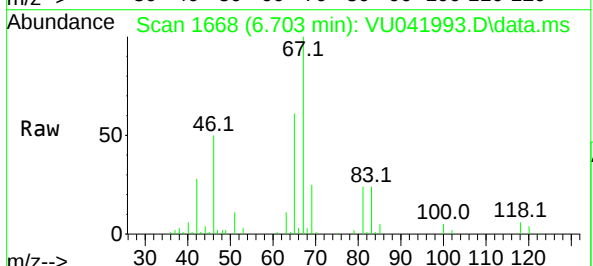
Acq: 13 Jan 2021 20:17

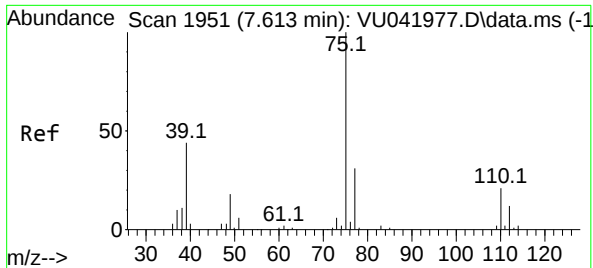
Tgt Ion: 63 Resp: 5841

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



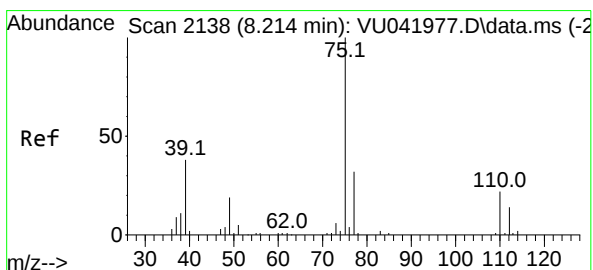
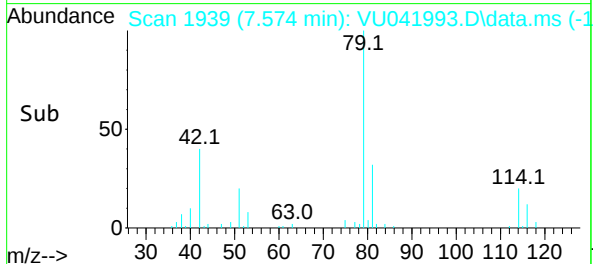
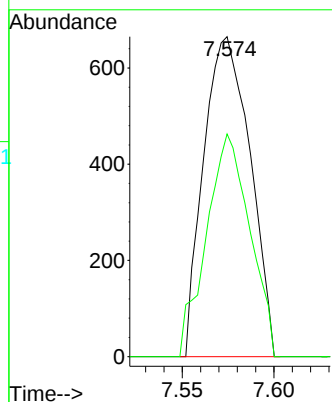
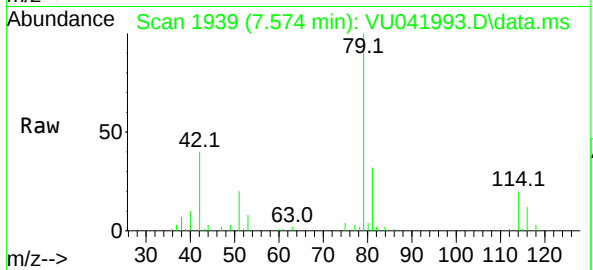


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Instrument :
MSVOA_U
ClientSampled :

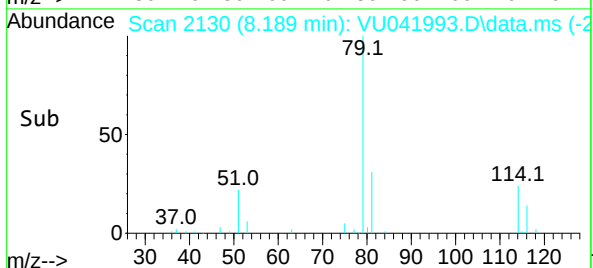
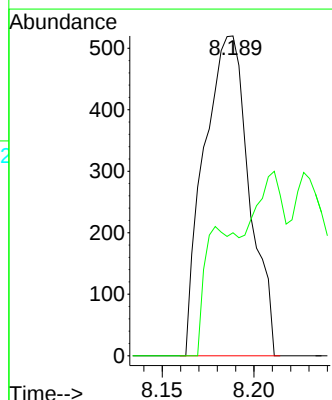
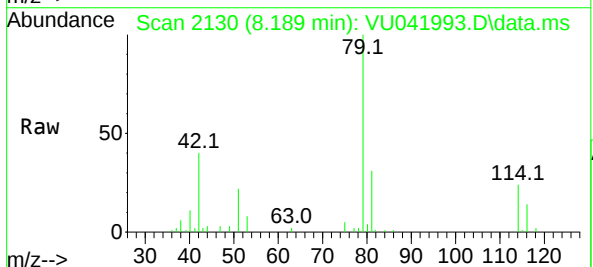
Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
77 69.6 21.9 40.7#

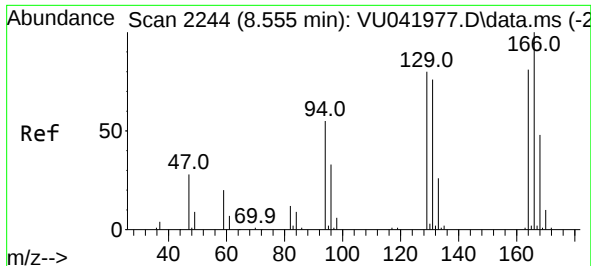


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Tgt Ion: 75 Resp: 890
Ion Ratio Lower Upper
75 100
77 38.5 22.0 41.0

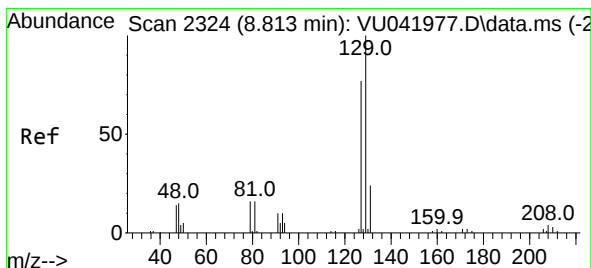
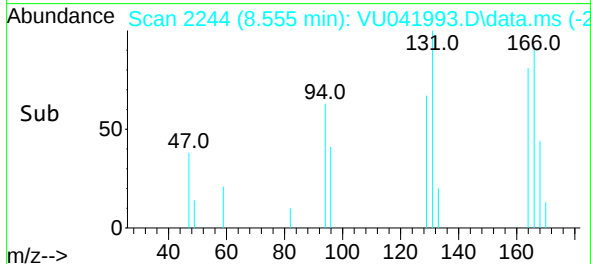
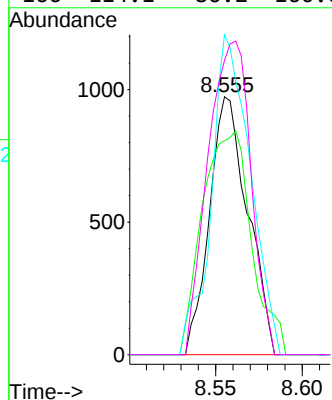
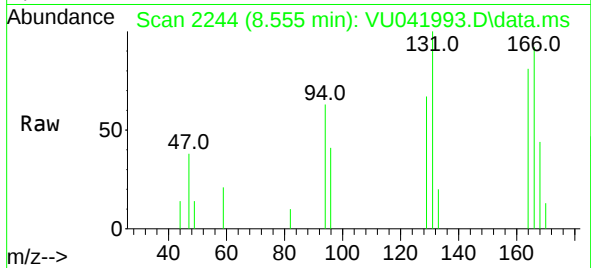




#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

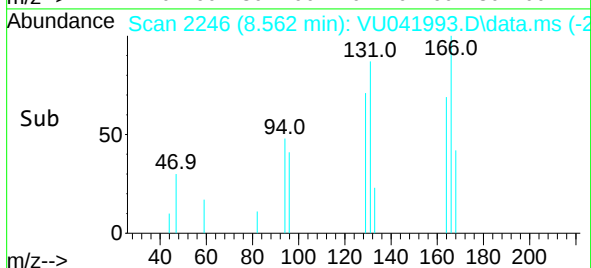
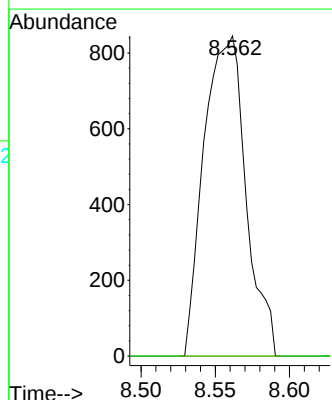
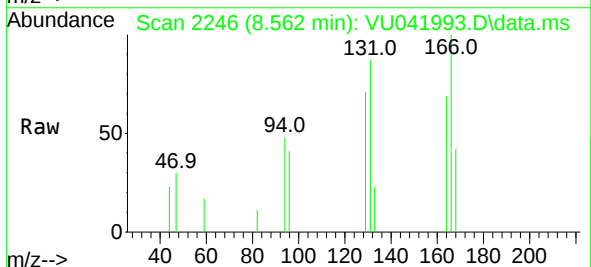
Instrument :
MSVOA_U
ClientSampled :

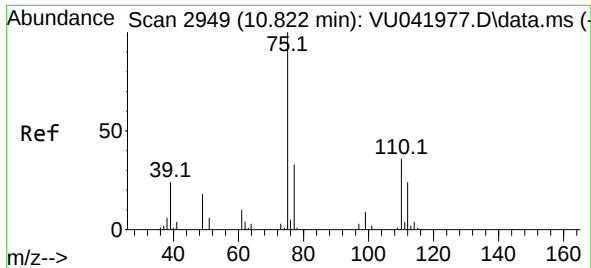
Tgt Ion:164 Resp: 1497
Ion Ratio Lower Upper
164 100
129 82.9 68.7 127.5
131 124.0 65.2 121.0#
166 114.1 86.2 160.0



#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.251 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

Tgt Ion:129 Resp: 1662
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.79 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU041993.D
 Acq: 13 Jan 2021 20:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 5234
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.6 38.4

