

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 :
 BFXL1

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 12:14:17 PM

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
13) Acetone	2.665	43	3936m	2.17	ug/L	
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
47) Tetrachloroethene	8.555	164	1497	0.24	ug/L #	83

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

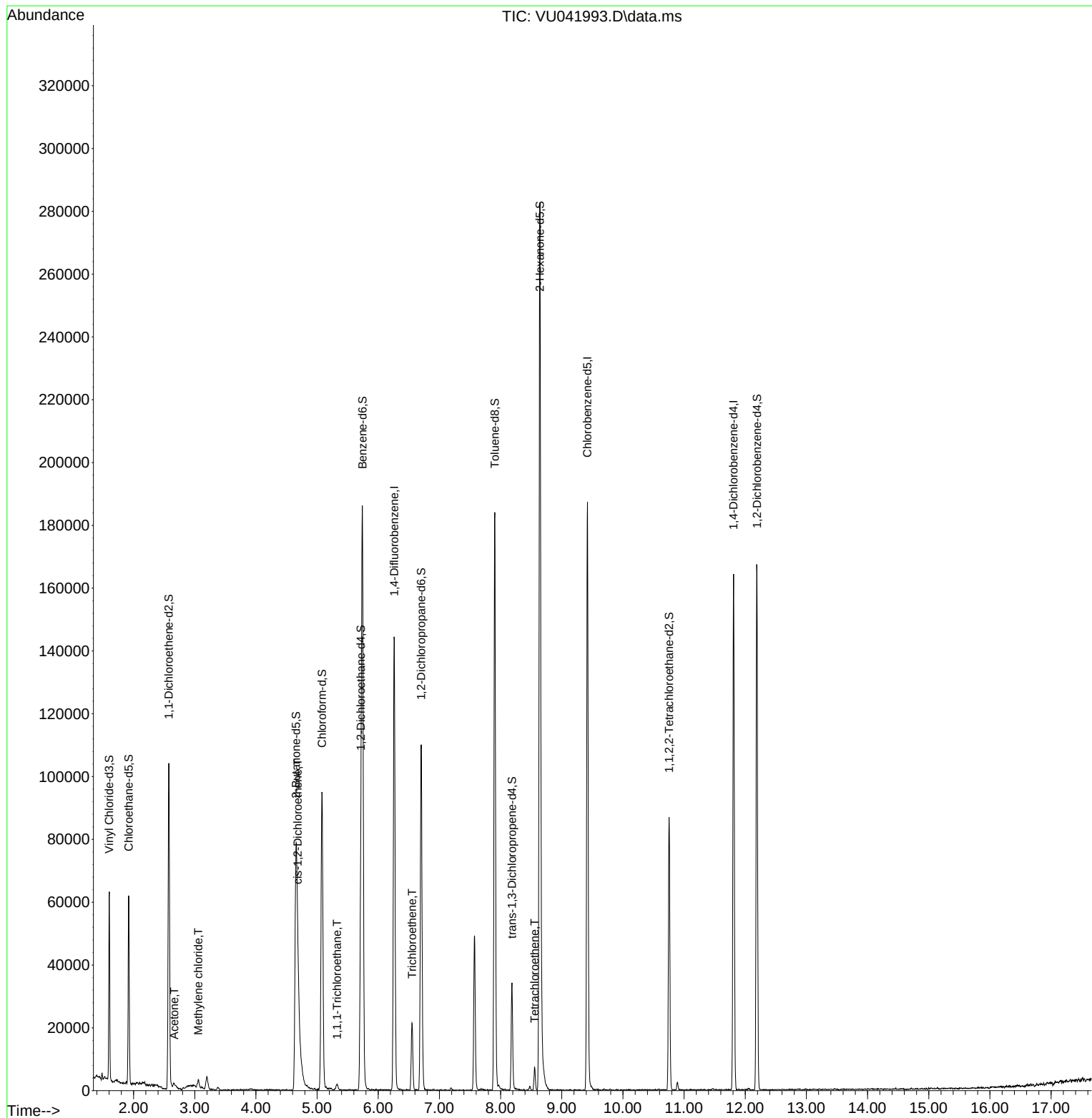
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU041993.D
Acq On : 13 Jan 2021 20:17
Operator : SY/MD
Sample : M1027-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

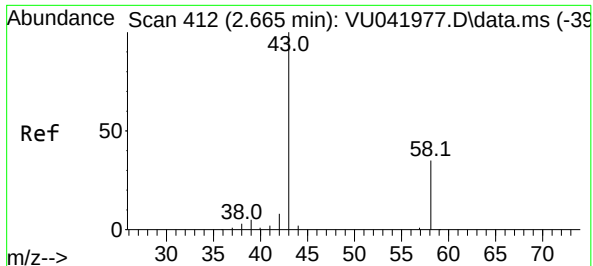
Instrument :
MSVOA_U
ClientSampleId :
BFXL1

Manual Integrations
APPROVED

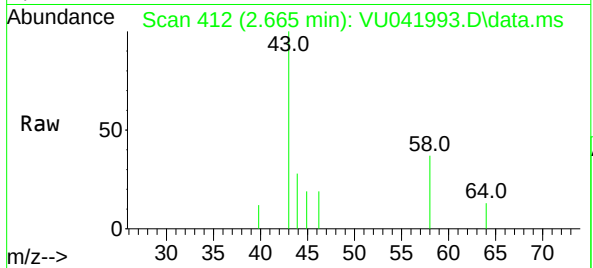
MMDadoda
1/15/2021 12:14:17 PM

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

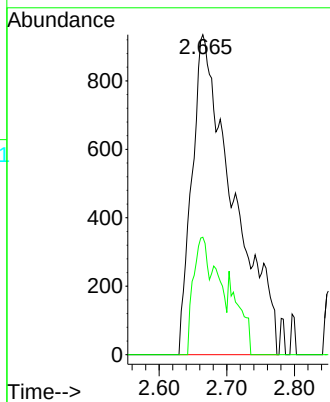
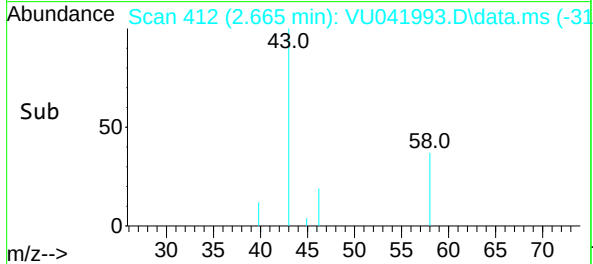




#13
Acetone
Concen: 2.17 ug/L m
RT: 2.665 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17



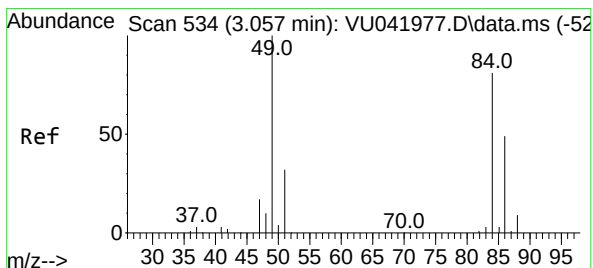
Tgt Ion: 43 Resp: 3936
Ion Ratio Lower Upper
43 100
58 13.1 0.0 57.4



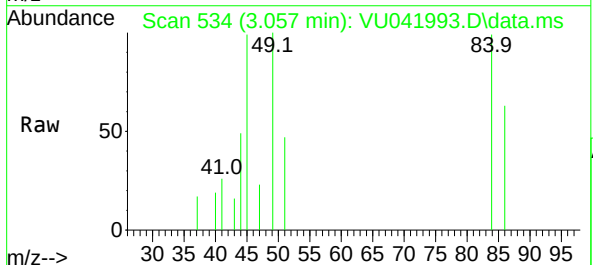
Instrument :
MSVOA_U
ClientSampleId :
BFXL1

Manual Integrations
APPROVED

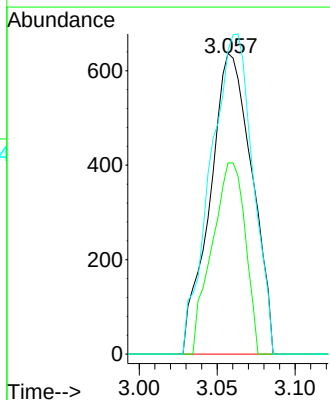
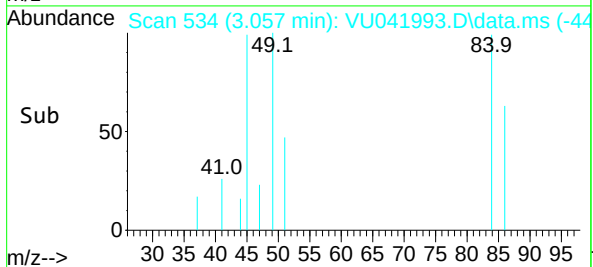
MMDadoda
1/15/2021 12:14:17 PM

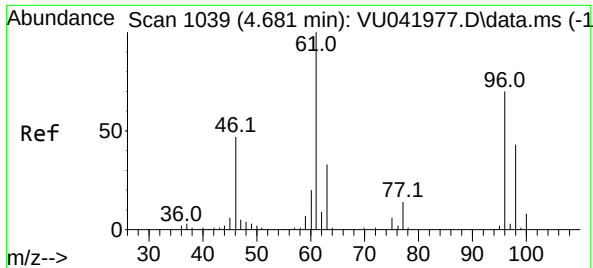


#16
Methylene chloride
Concen: 0.11 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17



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

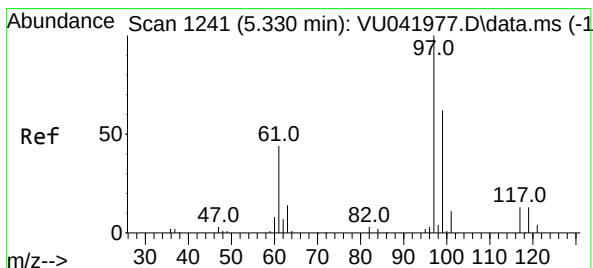
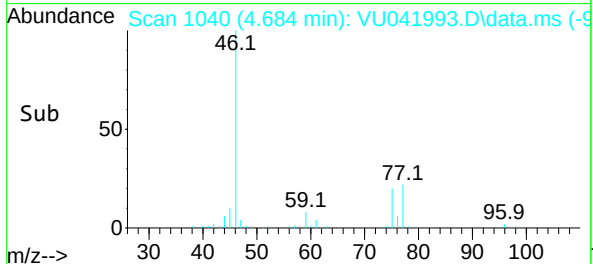
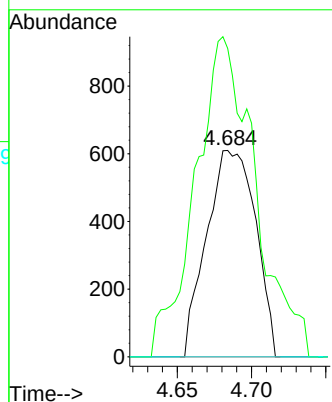
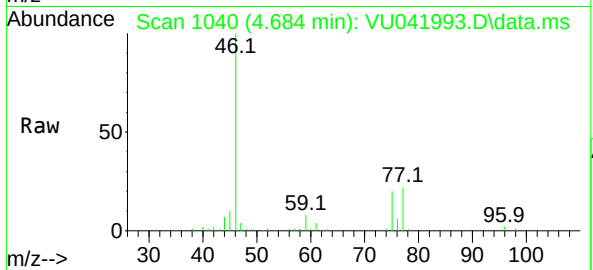
cis-1,2-Dichloroethene
Concen: 0.15 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

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

Instrument :
MSVOA_U
ClientSampled :
BFXL1

Manual Integrations
APPROVED

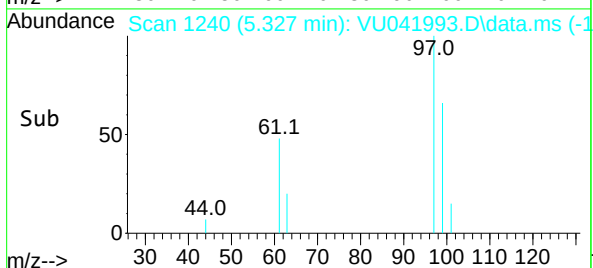
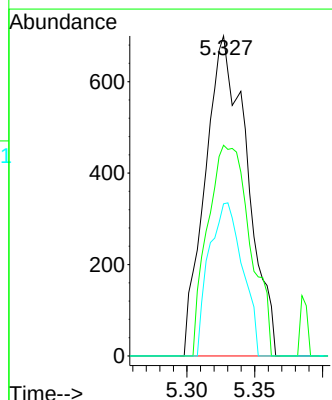
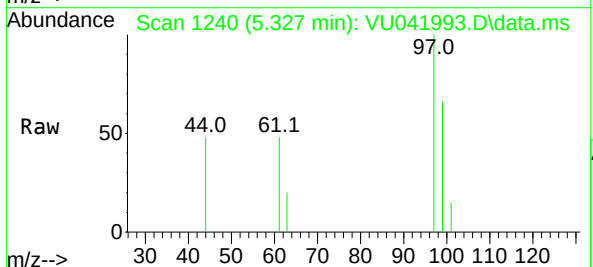
MMDadoda
1/15/2021 12:14:17 PM

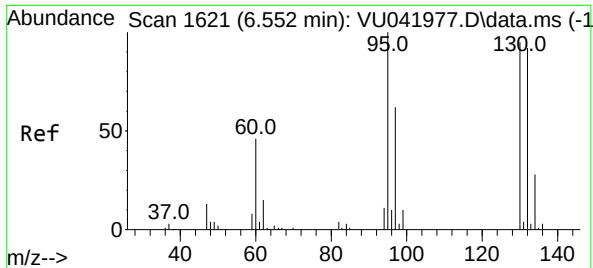


#29

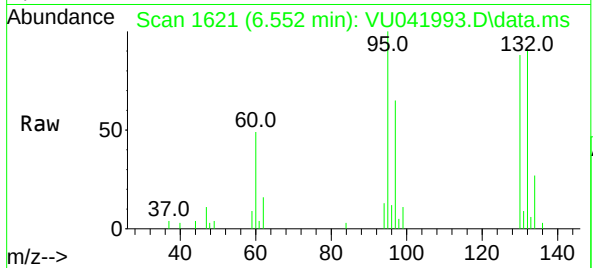
1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

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



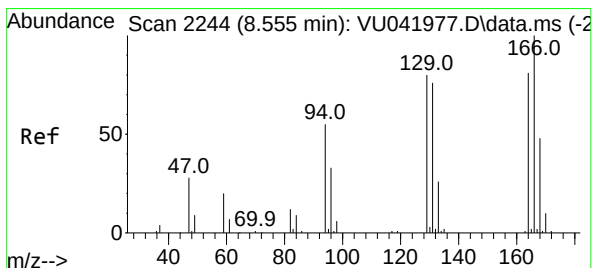
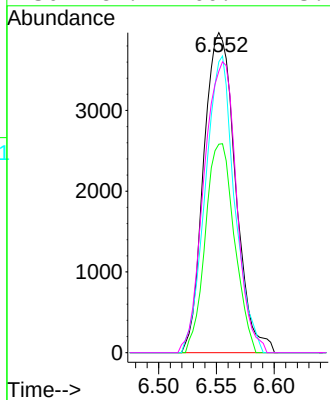
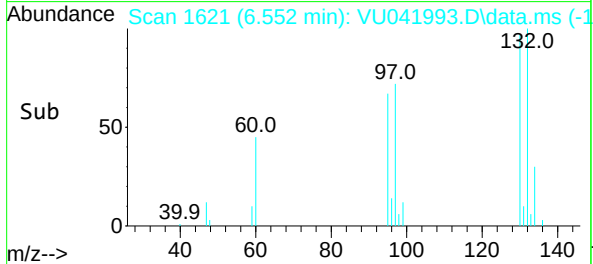


#34
Trichloroethene
Concen: 0.78 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17

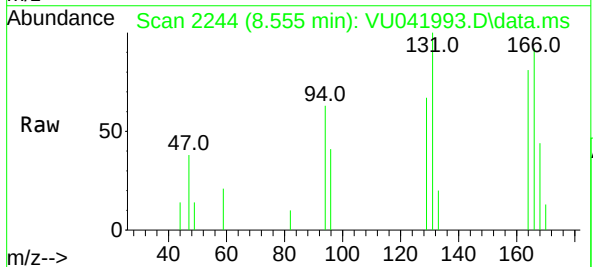


Tgt Ion: 95 Resp: 7564

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

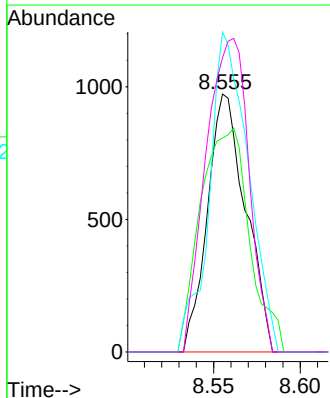
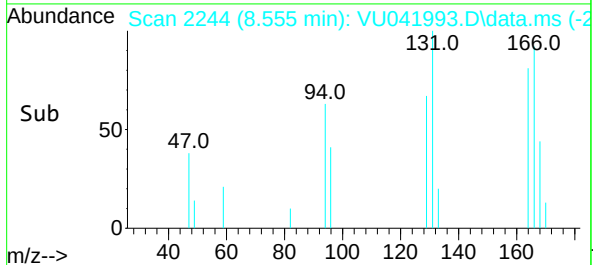


#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU041993.D
Acq: 13 Jan 2021 20:17



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



Instrument :
MSVOA_U
ClientSampled :
BFXL1

Manual Integrations
APPROVED

MMDadoda
1/15/2021 12:14:17 PM