

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043118.D
 Acq On : 15 Apr 2021 14:08
 Operator : SY/MD
 Sample : M1986-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT2

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:19:06 AM

Quant Time: Apr 16 05:35:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	96869	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	94596	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48519	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24501	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.919	69	22481	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.572	65	14819	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	4.649	46	111111m	51.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	5.073	84	61604	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	38849	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.735	84	111794	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.700	67	37165	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	105854	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloroprop...	8.189	79	15902	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.645	63	83091	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	30950	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	41143	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	134014	11.30	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	2169	0.32	ug/L	96
25) Chloroform	5.099	83	3370	0.25	ug/L	93
31) Carbon tetrachloride	5.533	117	3488	0.36	ug/L	93
34) Trichloroethene	6.549	95	7762	1.11	ug/L	91
45) 1,1,2-Trichloroethane	8.411	97	614	0.12	ug/L	80
47) Tetrachloroethene	8.562	164	284107	51.44	ug/L	97

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

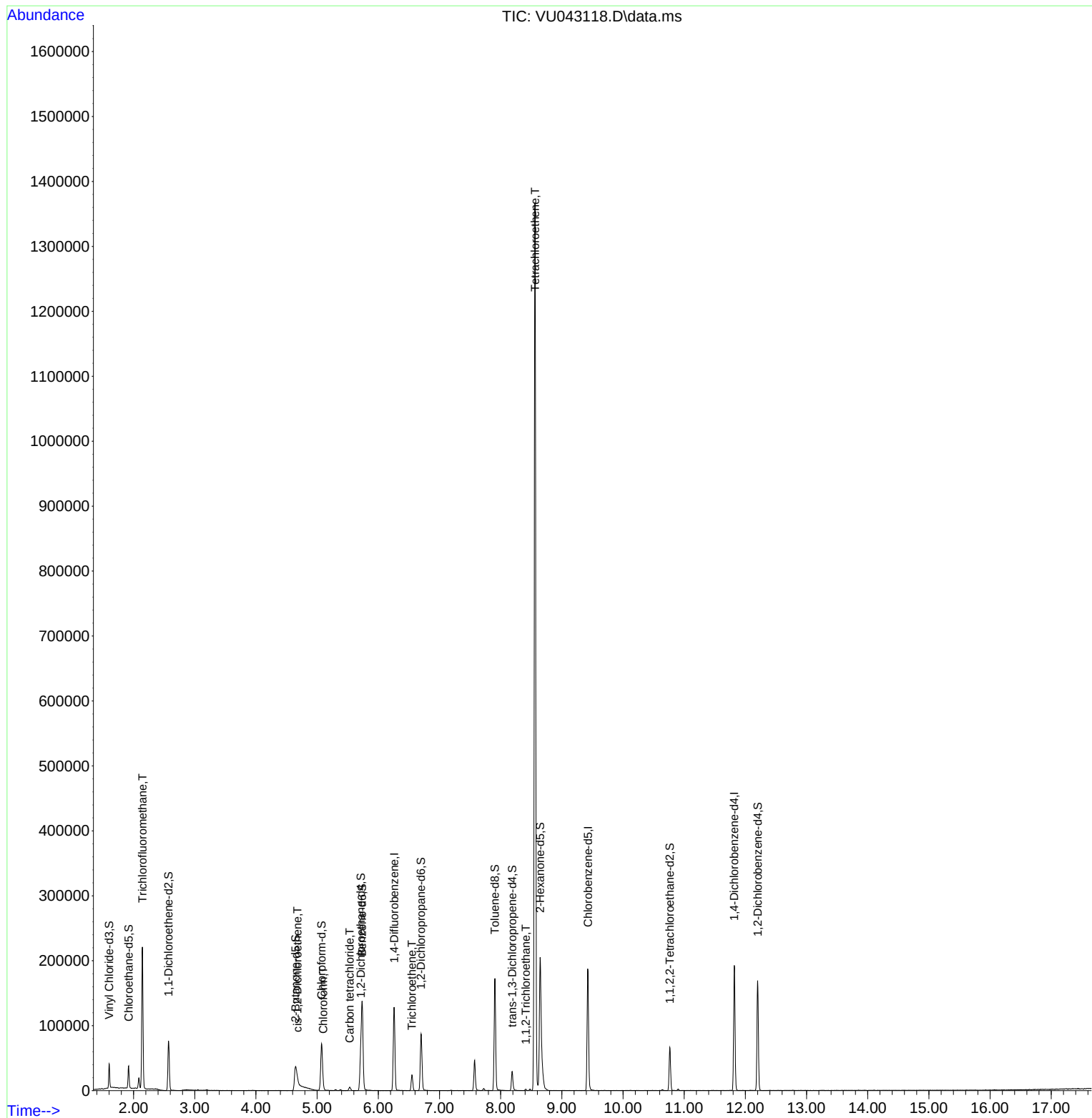
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043118.D
Acq On : 15 Apr 2021 14:08
Operator : SY/MD
Sample : M1986-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

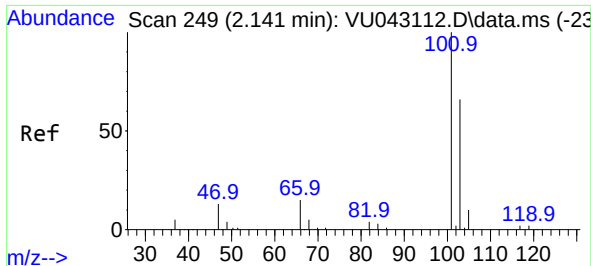
Instrument :
MSVOA_U
ClientSampleId :
C0AT2

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:19:06 AM

Quant Time: Apr 16 05:35:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 05:01:39 2021
Response via : Initial Calibration





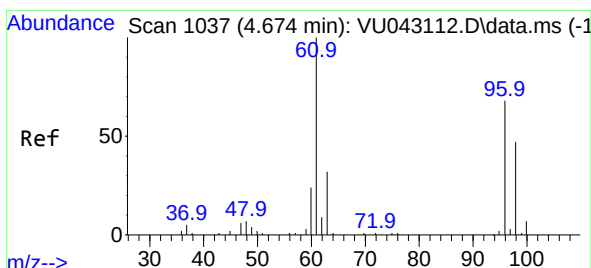
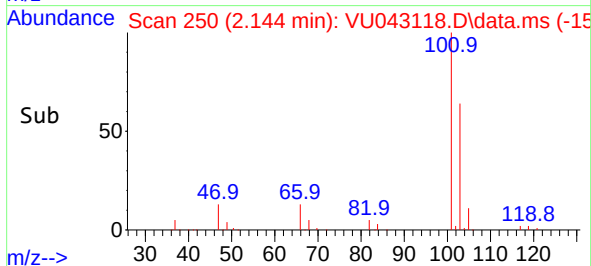
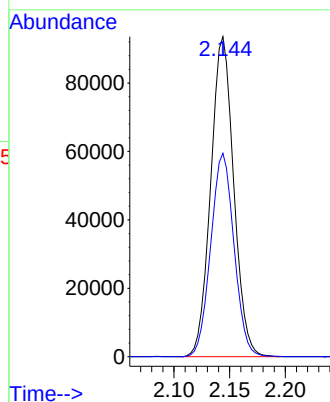
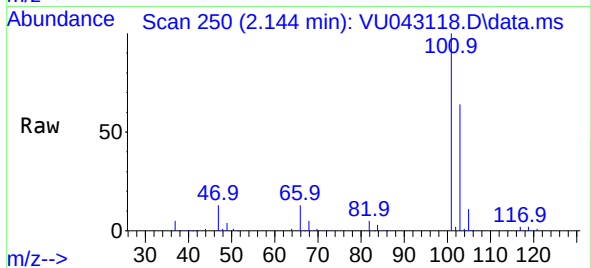
#9
Trichlorofluoromethane
Concen: 11.30 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08

Tgt Ion:101 Resp: 134014
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

Instrument :
MSVOA_U
ClientSampleId :
C0AT2

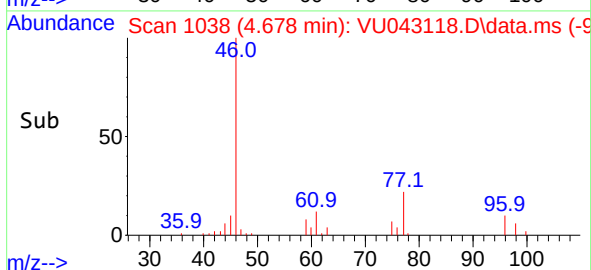
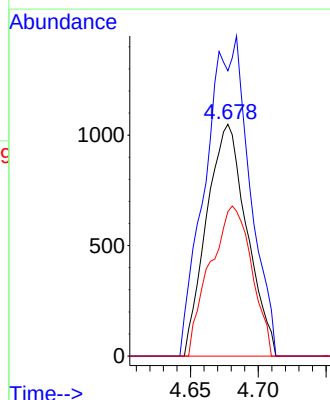
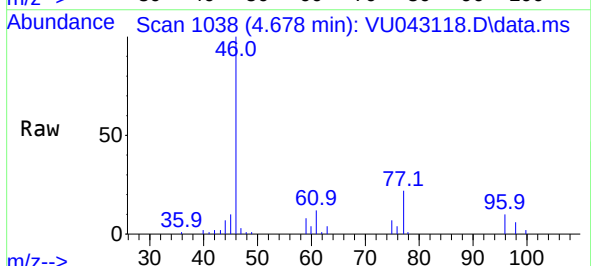
Manual Integrations
APPROVED

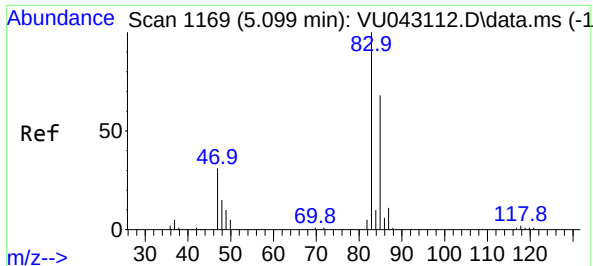
MMDadoda
4/19/2021 10:19:06 AM



#22
cis-1,2-Dichloroethene
Concen: 0.32 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08

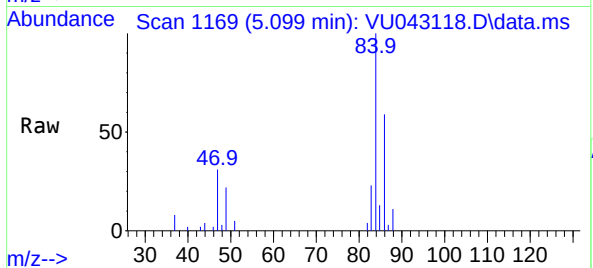
Tgt Ion: 96 Resp: 2169
Ion Ratio Lower Upper
96 100
61 123.1 87.4 162.4
98 62.3 47.7 88.5





#25
Chloroform
Concen: 0.25 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08

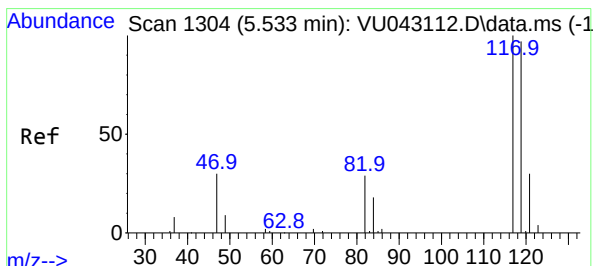
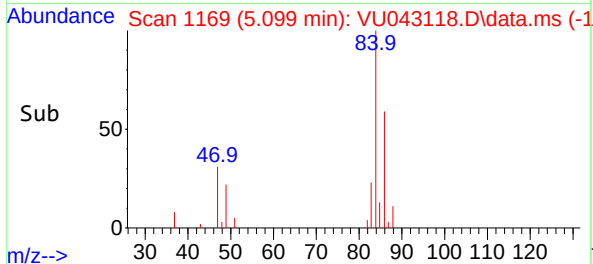
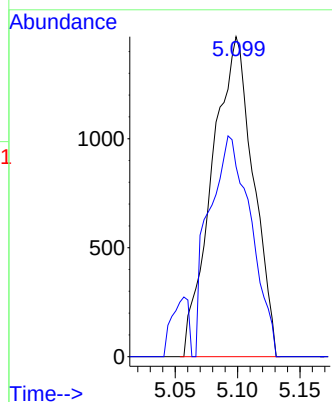
Instrument :
MSVOA_U
ClientSampled :
C0AT2



Tgt Ion: 83 Resp: 3370
Ion Ratio Lower Upper
83 100
85 59.5 45.6 84.8

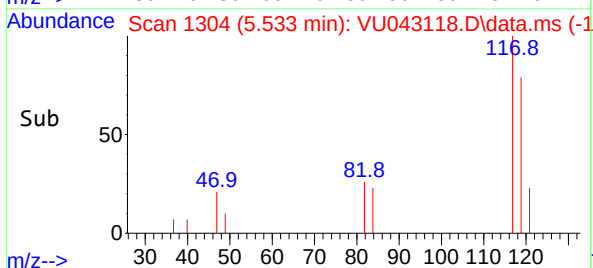
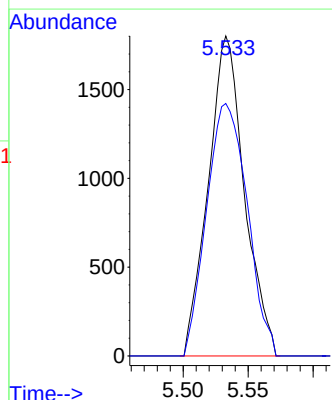
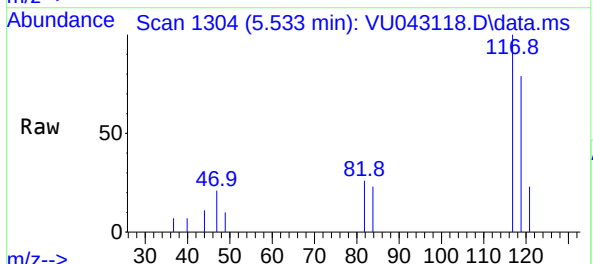
Manual Integrations
APPROVED

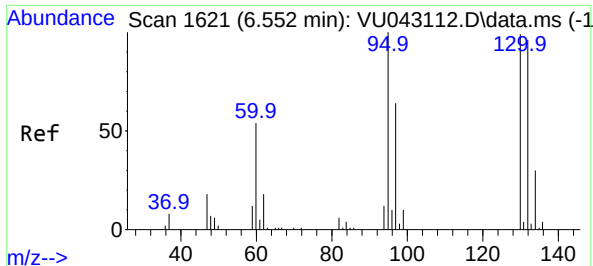
MMDadoda
4/19/2021 10:19:06 AM



#31
Carbon tetrachloride
Concen: 0.36 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08

Tgt Ion: 117 Resp: 3488
Ion Ratio Lower Upper
117 100
119 88.8 76.2 114.4





#34
Trichloroethene
Concen: 1.11 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08

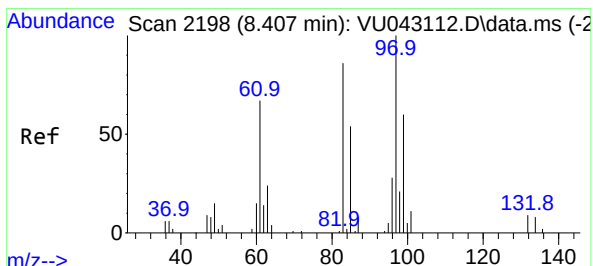
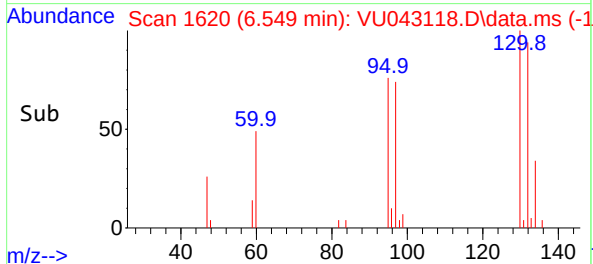
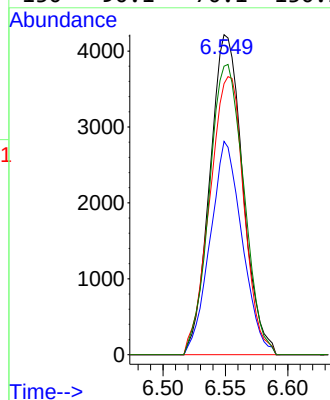
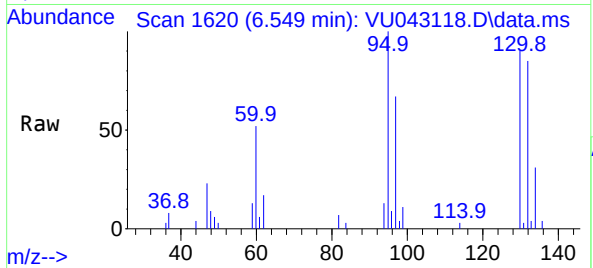
Tgt Ion: 95 Resp: 7762

Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.8	85.2
132	84.7	68.7	127.7
130	90.1	70.1	130.3

Instrument :
MSVOA_U
ClientSampled :
C0AT2

Manual Integrations
APPROVED

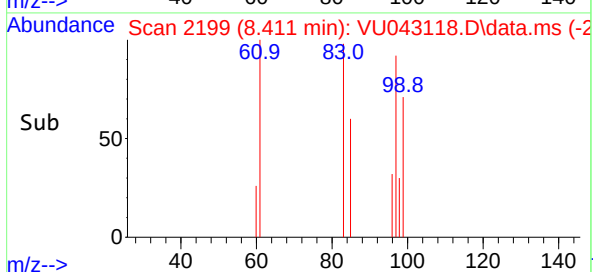
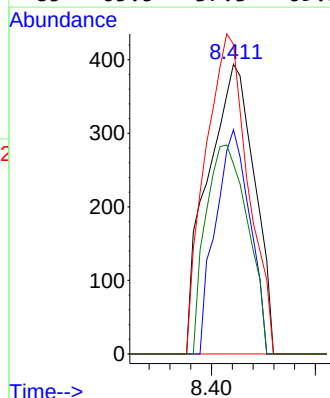
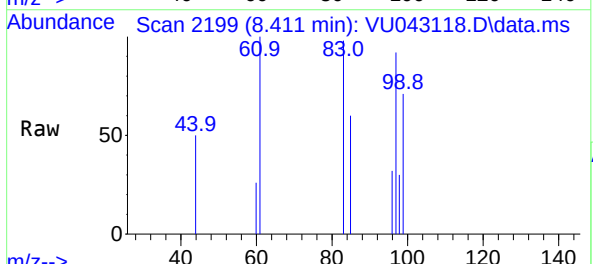
MMDadoda
4/19/2021 10:19:06 AM

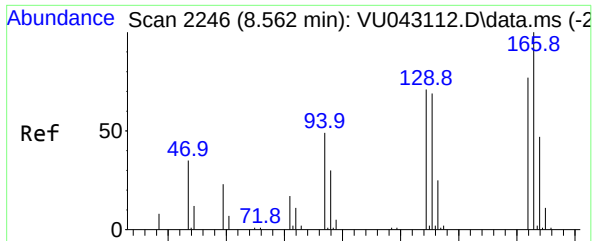


#45
1,1,2-Trichloroethane
Concen: 0.12 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08

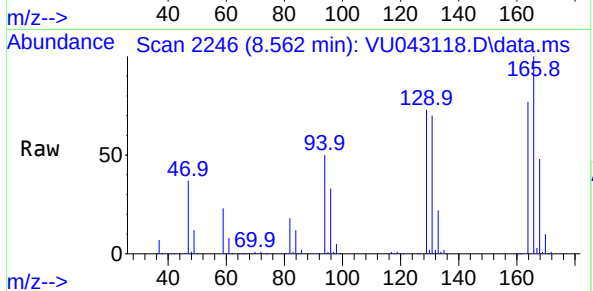
Tgt Ion: 97 Resp: 614

Ion	Ratio	Lower	Upper
97	100		
99	77.4	44.2	82.0
83	106.9	60.1	111.7
85	65.5	37.3	69.3



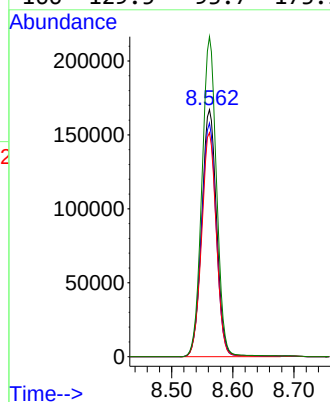
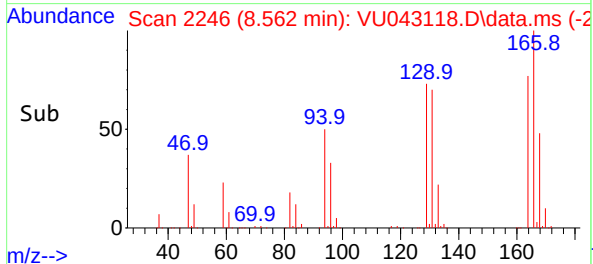


#47
Tetrachloroethene
Concen: 51.44 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043118.D
Acq: 15 Apr 2021 14:08



Tgt Ion:164 Resp: 284107

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.6	123.8
131	90.7	65.9	122.3
166	129.5	93.7	173.9



Instrument :
MSVOA_U
ClientSampleId :
C0AT2

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:19:06 AM