

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043140.D
 Acq On : 15 Apr 2021 23:22
 Operator : SY/MD
 Sample : M2055-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4479

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:21:17 AM

Quant Time: Apr 16 07:16:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76465	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	75434	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36512	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17582	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.919	69	17478	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.575	65	10984	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.645	46	94264m	55.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	5.073	84	47456	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.710	65	31665	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.735	84	86706	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.700	67	30392	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.906	98	79985	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloroprop...	8.185	79	11755	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.645	63	68979	53.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25558	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	31587	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	1597	0.33	ug/L	96
13) Acetone	2.658	43	2578m	2.06	ug/L	
17) Methyl tert-butyl Ether	3.375	73	1105	0.08	ug/L	# 72
22) cis-1,2-Dichloroethene	4.681	96	582	0.11	ug/L	# 79
34) Trichloroethene	6.552	95	3821	0.69	ug/L	94
47) Tetrachloroethene	8.558	164	42802	9.72	ug/L	96

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

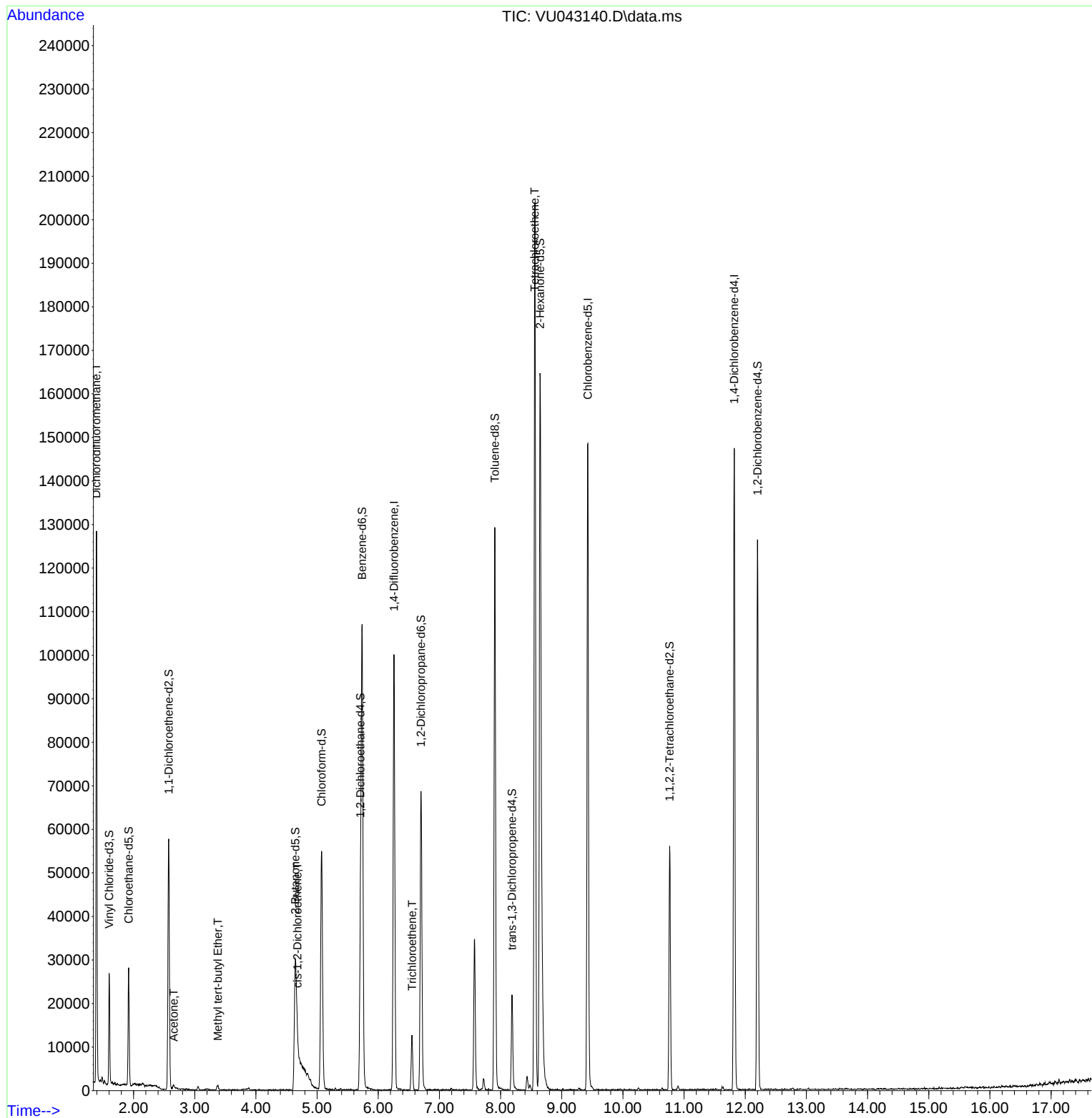
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043140.D
Acq On : 15 Apr 2021 23:22
Operator : SY/MD
Sample : M2055-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

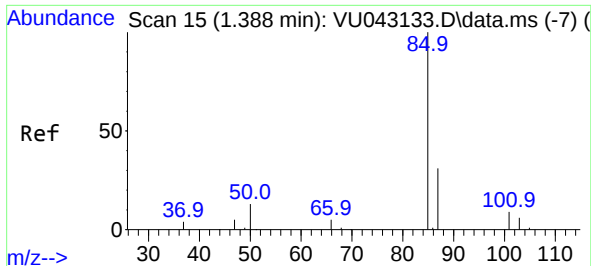
Instrument :
MSVOA_U
ClientSampleId :
H4479

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:21:17 AM

Quant Time: Apr 16 07:16:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration





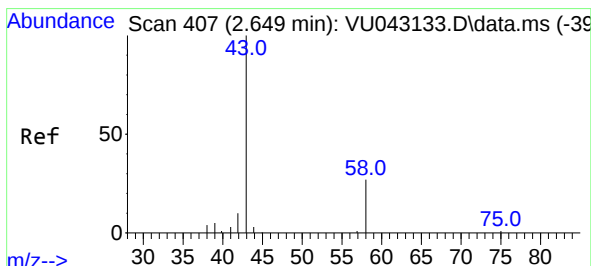
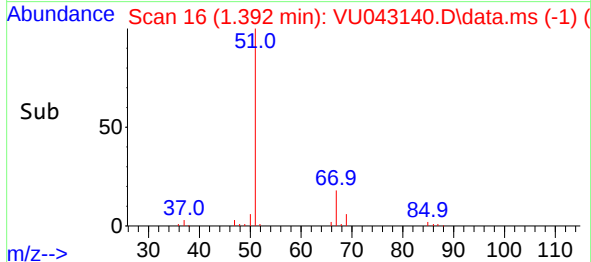
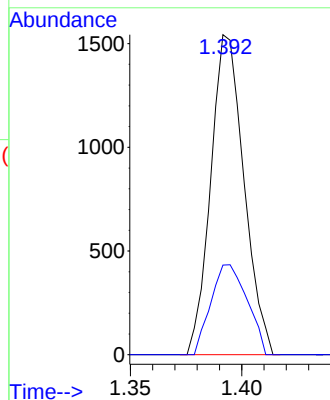
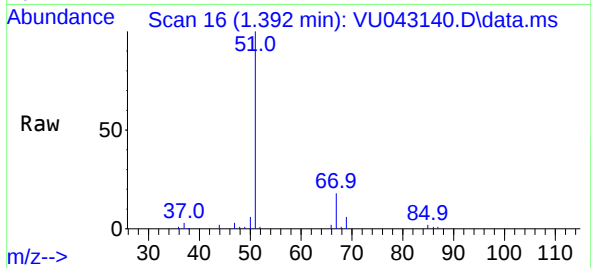
#2
Dichlorodifluoromethane
Concen: 0.33 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Tgt Ion: 85 Resp: 1597
Ion Ratio Lower Upper
85 100
87 30.7 26.3 39.5

Instrument :
MSVOA_U
ClientSampleId :
H4479

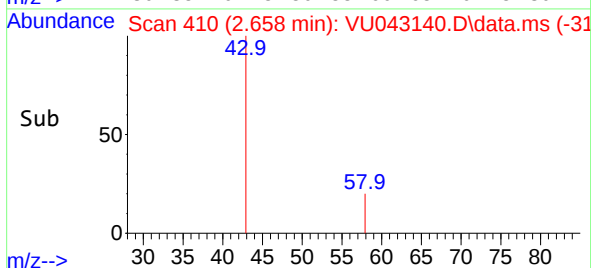
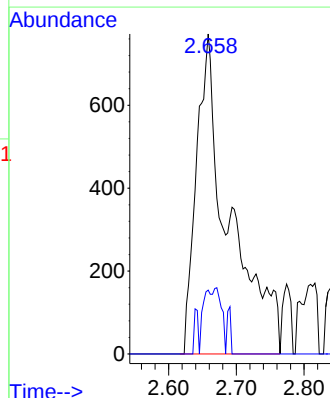
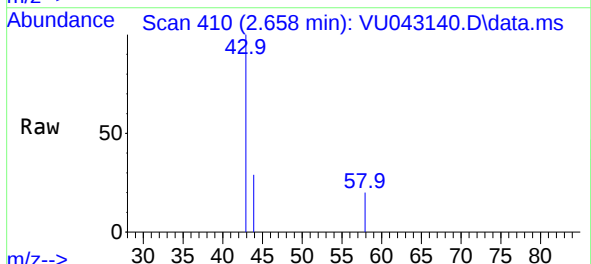
Manual Integrations
APPROVED

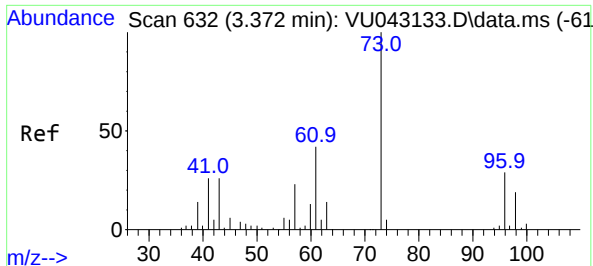
MMDadoda
4/19/2021 10:21:17 AM



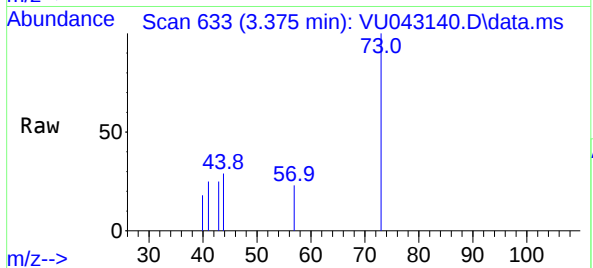
#13
Acetone
Concen: 2.06 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. 0.010 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22

Tgt Ion: 43 Resp: 2578
Ion Ratio Lower Upper
43 100
58 5.0 0.0 25.0

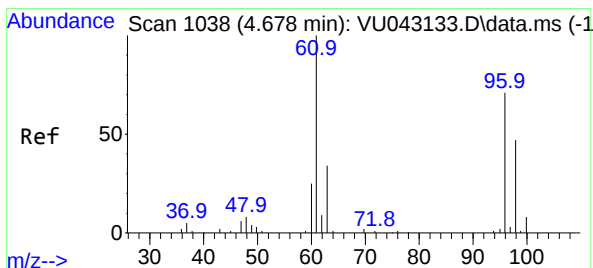
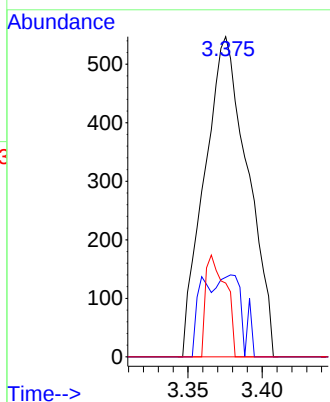
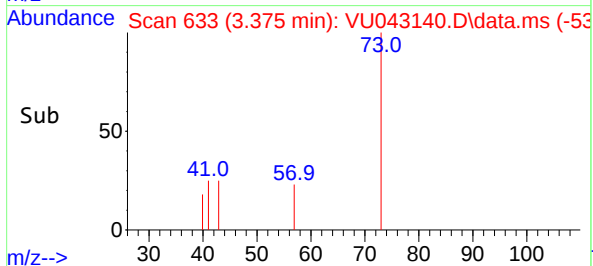




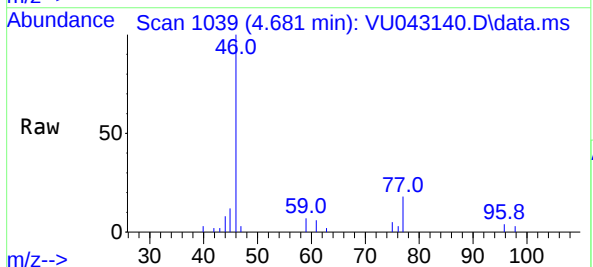
#17
Methyl tert-butyl Ether
Concen: 0.08 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22



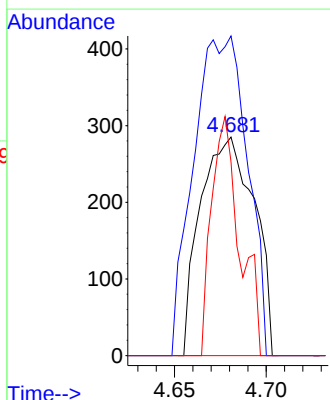
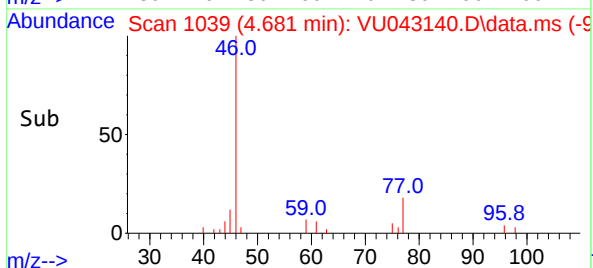
Tgt Ion: 73 Resp: 1105
Ion Ratio Lower Upper
73 100
43 15.5 15.0 22.4
57 0.0 17.3 25.9#



#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU043140.D
Acq: 15 Apr 2021 23:22



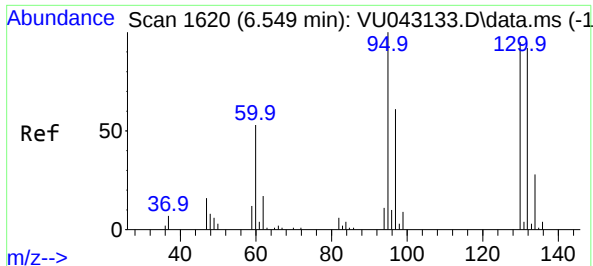
Tgt Ion: 96 Resp: 582
Ion Ratio Lower Upper
96 100
61 146.3 87.4 162.4
98 88.8 47.7 88.5#



Instrument :
MSVOA_U
ClientSampleId :
H4479

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:21:17 AM



#34

Trichloroethene

Concen: 0.69 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043140.D

Acq: 15 Apr 2021 23:22

Tgt Ion: 95 Resp: 3821

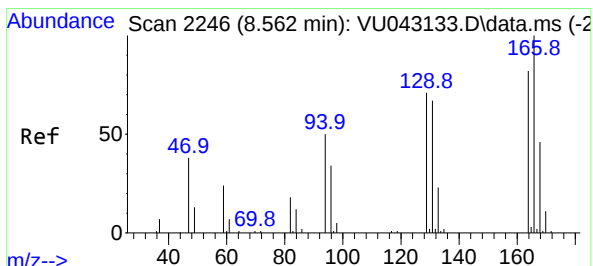
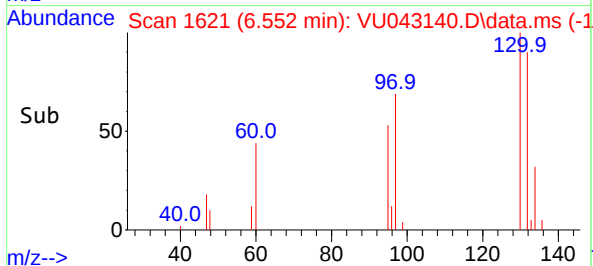
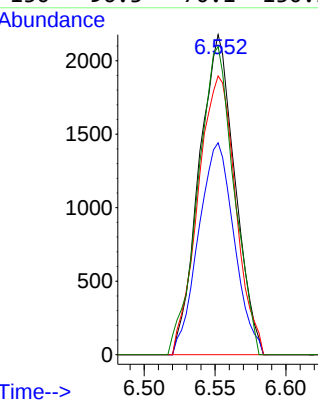
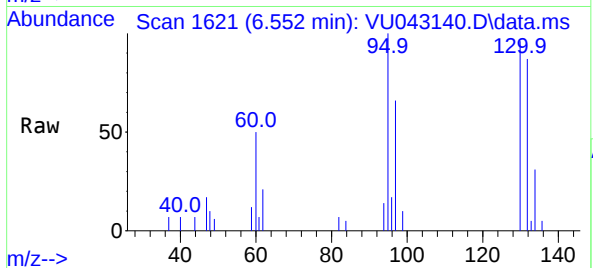
Ion Ratio Lower Upper

95 100

97 66.2 45.8 85.2

132 87.1 68.7 127.7

130 96.3 70.1 130.3



#47

Tetrachloroethene

Concen: 9.72 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043140.D

Acq: 15 Apr 2021 23:22

Tgt Ion: 164 Resp: 42802

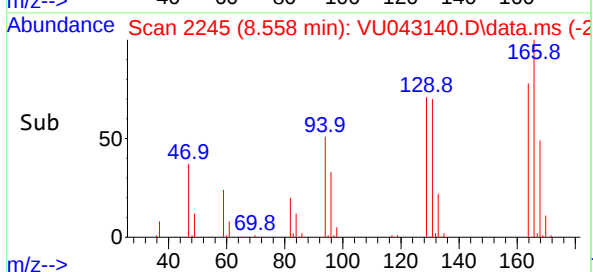
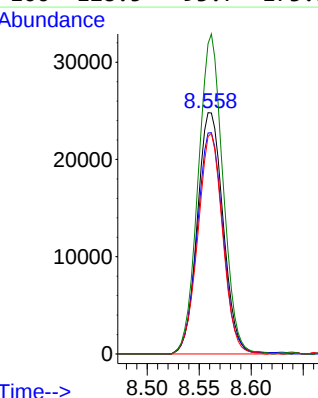
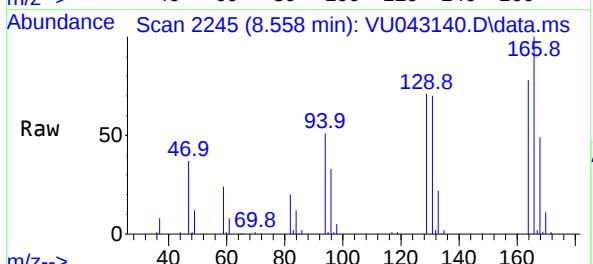
Ion Ratio Lower Upper

164 100

129 91.6 66.6 123.8

131 90.1 65.9 122.3

166 128.5 93.7 173.9



Instrument :

MSVOA_U

ClientSampleId :

H4479

Manual Integrations

APPROVED

MMDadoda

4/19/2021 10:21:17 AM