

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047483.D
 Acq On : 11 Mar 2022 11:40
 Operator : SY/MD
 Sample : N1878-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4686

Quant Time: Mar 12 01:32:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 01:28:32 2022
 Response via : Initial Calibration

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

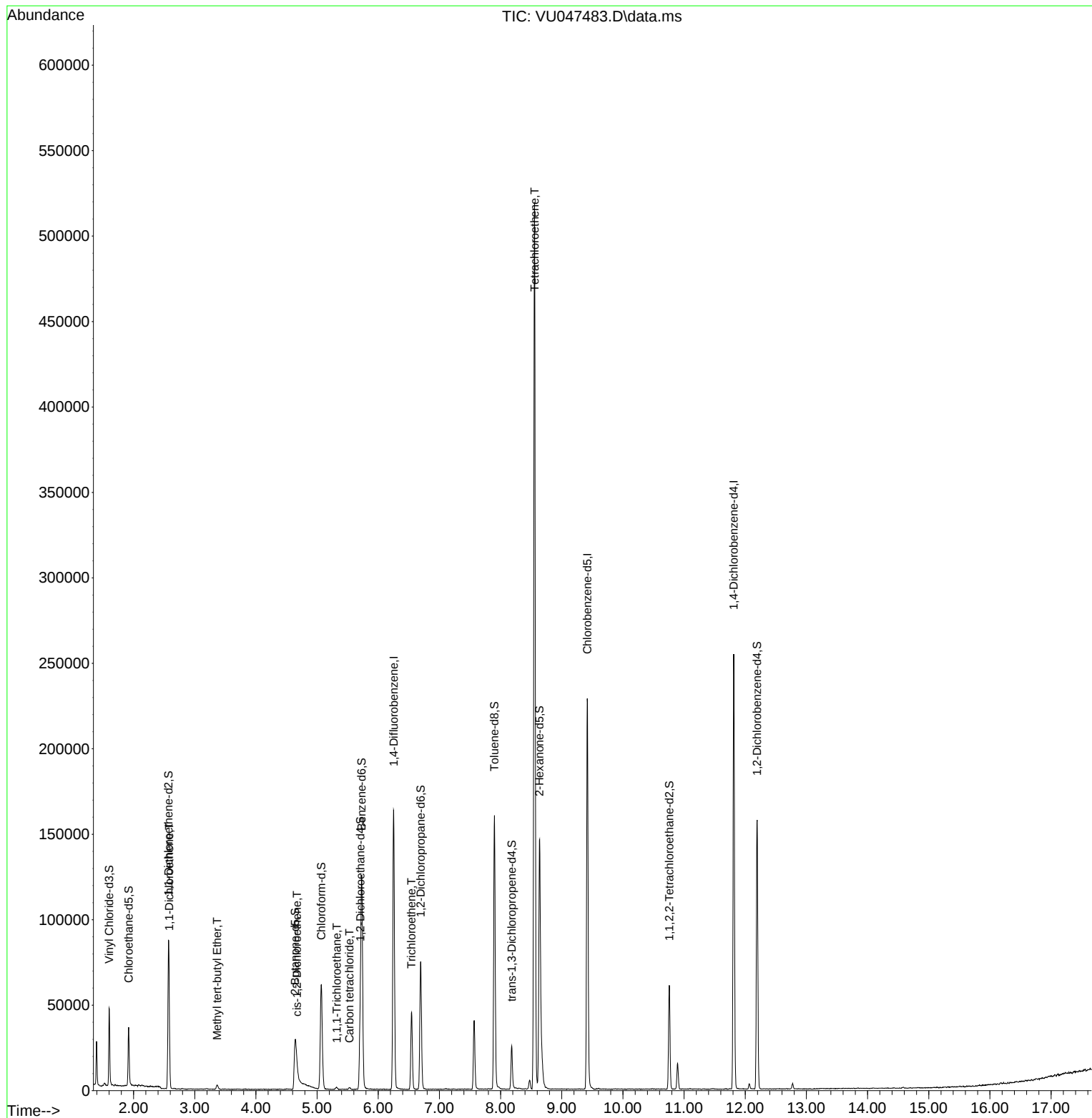
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140426	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33453	4.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.919	69	25414	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.572	65	15763	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.642	46	62780	46.299	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	5.070	84	57915	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.706	65	29766	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.729	84	121807	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.694	67	36592	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.899	98	112196	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.182	79	14832	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.636	63	65061	45.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30522	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	44843	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	1819	0.221	ug/L #	1
17) Methyl tert-butyl Ether	3.366	73	2305	0.108	ug/L #	70
22) cis-1,2-Dichloroethene	4.671	96	1658	0.170	ug/L	88
29) 1,1,1-Trichloroethane	5.321	97	1113	0.079	ug/L	92
31) Carbon tetrachloride	5.530	117	1000	0.081	ug/L	93
34) Trichloroethene	6.542	95	14910	1.513	ug/L	97
47) Tetrachloroethene	8.555	164	122495	14.650	ug/L	97

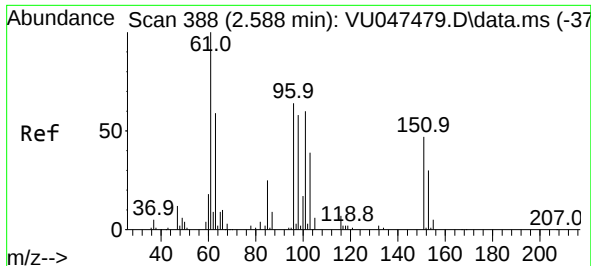
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
Data File : VU047483.D
Acq On : 11 Mar 2022 11:40
Operator : SY/MD
Sample : N1878-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4686

Quant Time: Mar 12 01:32:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 12 01:28:32 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.221 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU047483.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

H4686

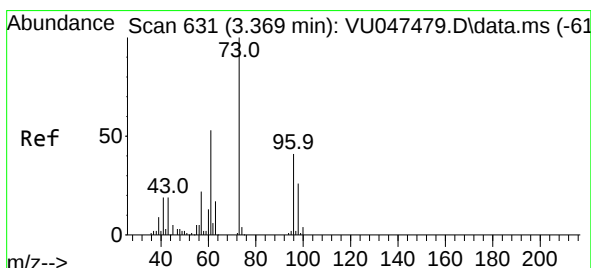
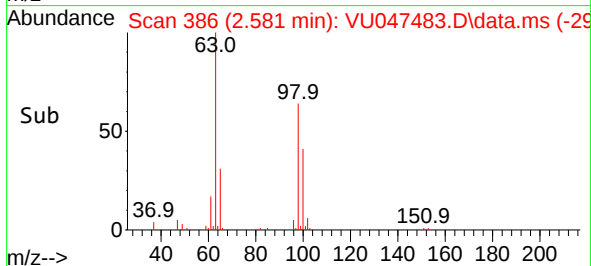
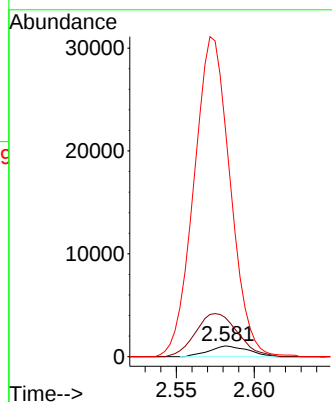
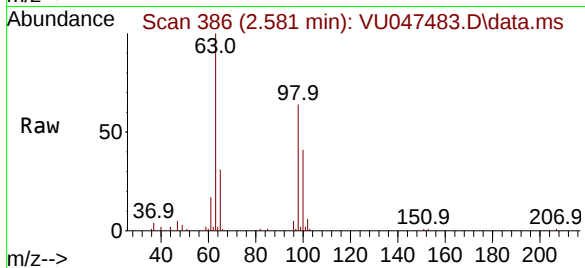
Tgt Ion: 96 Resp: 1819

Ion Ratio Lower Upper

96 100

61 367.9 108.8 202.0#

63 2168.1 64.0 119.0#



#17

Methyl tert-butyl Ether

Concen: 0.108 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU047483.D

Acq: 11 Mar 2022 11:40

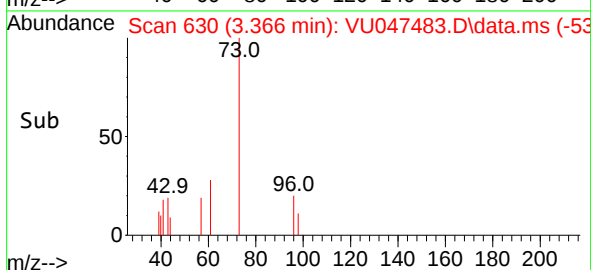
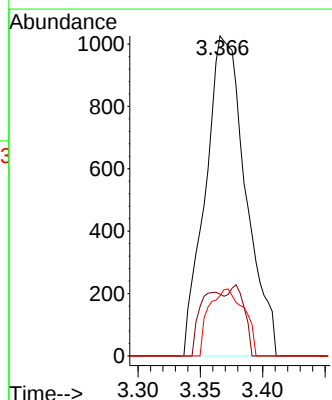
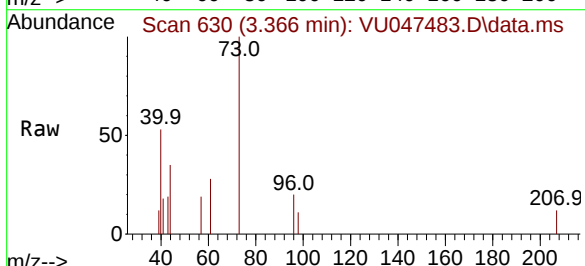
Tgt Ion: 73 Resp: 2305

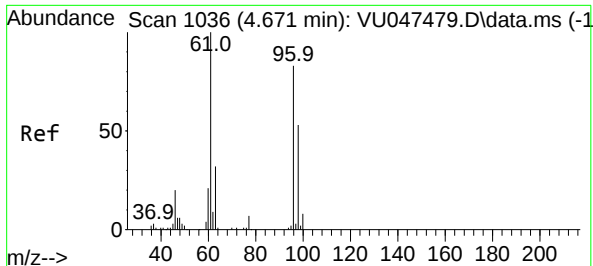
Ion Ratio Lower Upper

73 100

43 12.2 14.6 22.0#

57 0.0 16.5 24.7#





#22

cis-1,2-Dichloroethene

Concen: 0.170 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047483.D

Acq: 11 Mar 2022 11:40

Instrument :

MSVOA_U

ClientSampleId :

H4686

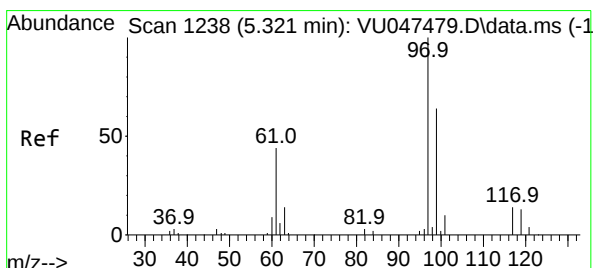
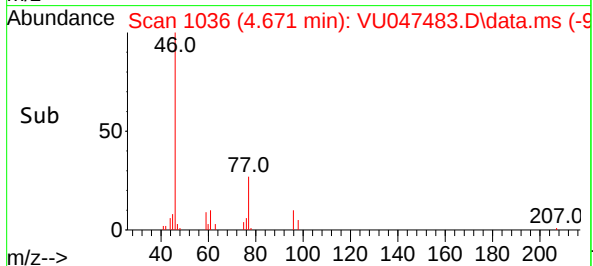
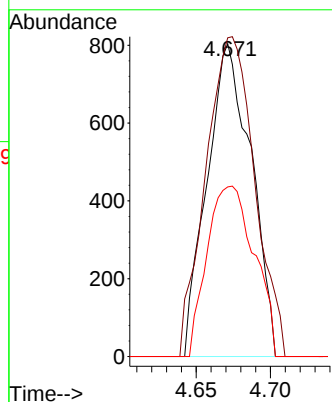
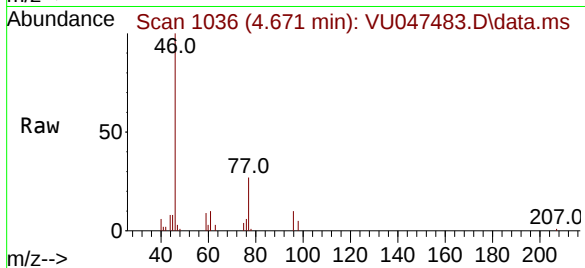
Tgt Ion: 96 Resp: 1658

Ion Ratio Lower Upper

96 100

61 101.9 80.8 150.0

98 54.2 44.7 83.1



#29

1,1,1-Trichloroethane

Concen: 0.079 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047483.D

Acq: 11 Mar 2022 11:40

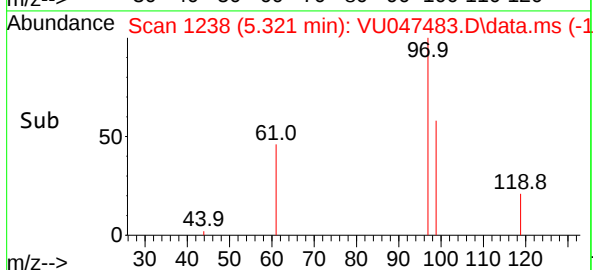
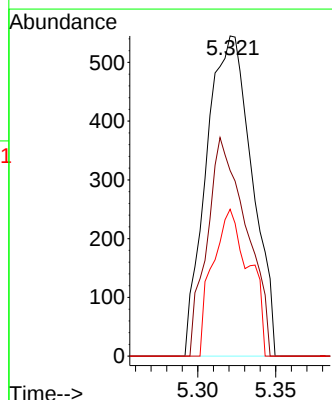
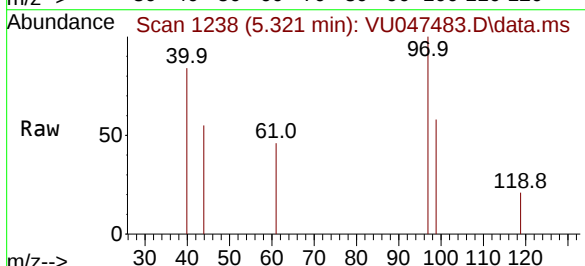
Tgt Ion: 97 Resp: 1113

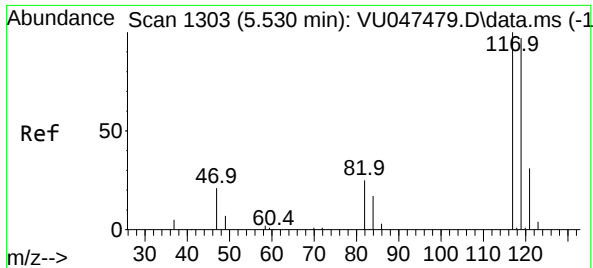
Ion Ratio Lower Upper

97 100

99 58.8 52.1 78.1

61 36.6 33.8 50.6

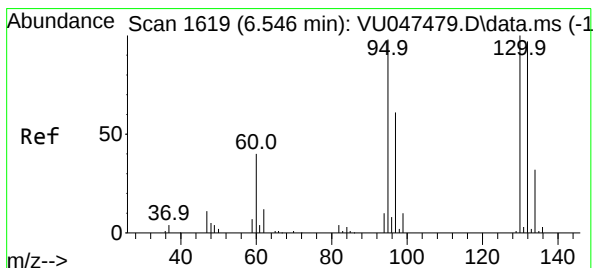
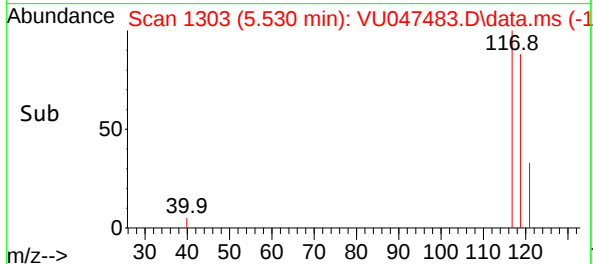
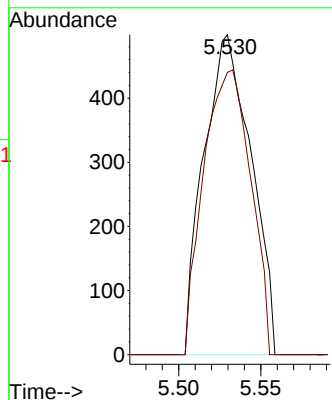
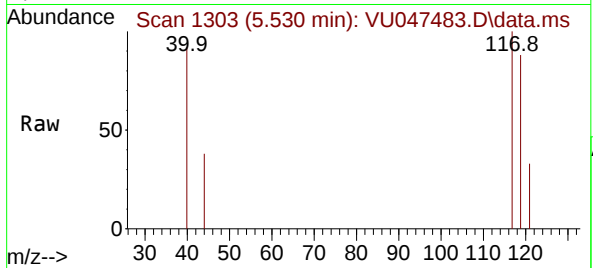




#31
Carbon tetrachloride
Concen: 0.081 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047483.D
Acq: 11 Mar 2022 11:40

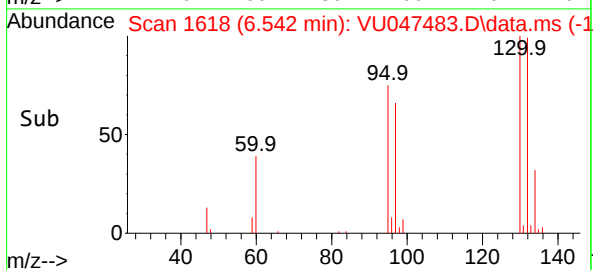
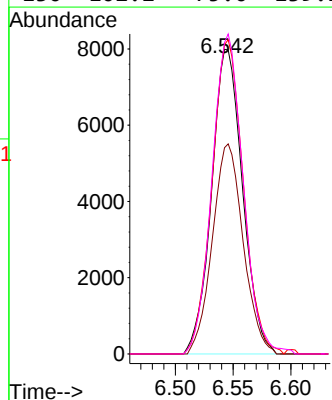
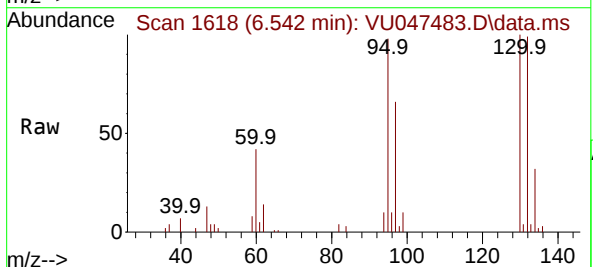
Instrument :
MSVOA_U
ClientSampleId :
H4686

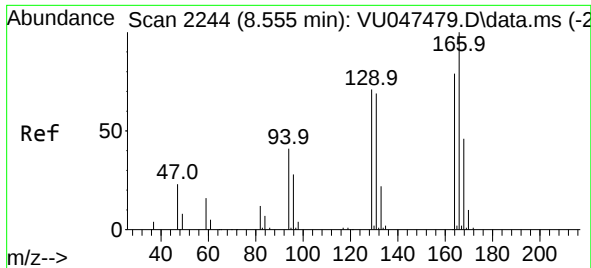
Tgt Ion:117 Resp: 1000
Ion Ratio Lower Upper
117 100
119 88.3 75.8 113.8



#34
Trichloroethene
Concen: 1.513 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047483.D
Acq: 11 Mar 2022 11:40

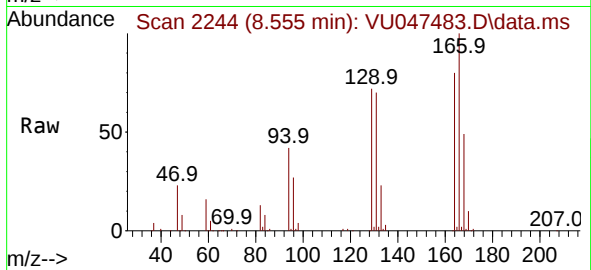
Tgt Ion: 95 Resp: 14910
Ion Ratio Lower Upper
95 100
97 67.7 46.3 85.9
132 101.5 71.7 133.1
130 102.2 75.0 139.2





#47
 Tetrachloroethene
 Concen: 14.650 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047483.D
 Acq: 11 Mar 2022 11:40

Instrument :
 MSVOA_U
 ClientSampleId :
 H4686



Tgt Ion:	164	Resp:	122495
Ion	Ratio	Lower	Upper
164	100		
129	90.8	64.9	120.5
131	87.9	63.6	118.2
166	125.7	91.4	169.8

