

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047687.D
 Acq On : 25 Mar 2022 21:04
 Operator : SY/MD
 Sample : N2082-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW604

Quant Time: Mar 26 04:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

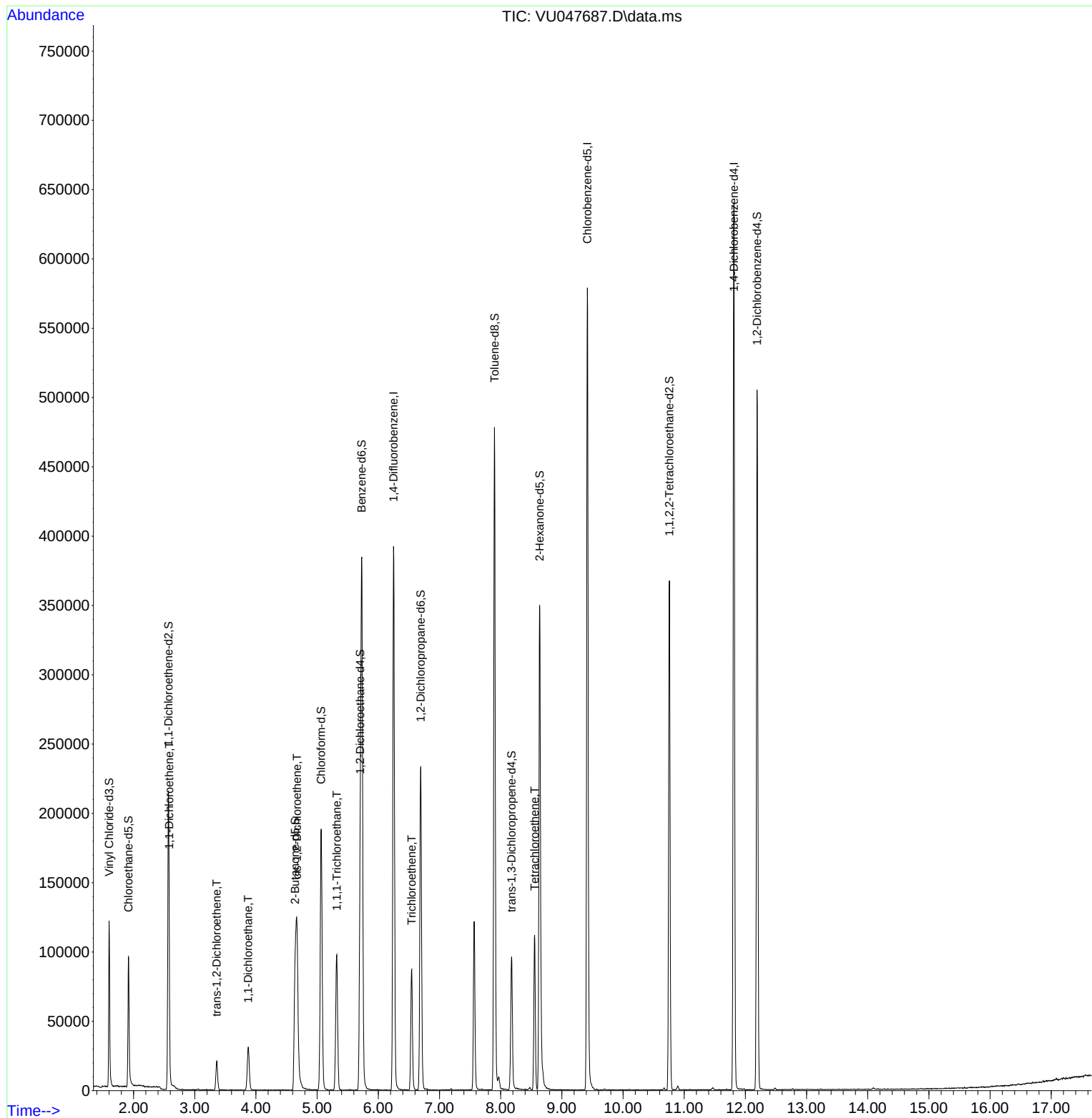
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330174	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	339950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179715	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87702	36.629	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.260%		
7) Chloroethane-d5	1.916	69	72219	38.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.500%		
11) 1,1-Dichloroethene-d2	2.572	63	124812	28.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.980%#		
21) 2-Butanone-d5	4.642	46	174957	85.134	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.130%		
24) Chloroform-d	5.067	84	174764	39.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.780%		
26) 1,2-Dichloroethane-d4	5.703	65	112108	41.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.440%		
32) Benzene-d6	5.729	84	355201	41.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.040%		
36) 1,2-Dichloropropane-d6	6.694	67	112099	42.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.340%		
41) Toluene-d8	7.899	98	324474	38.933	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.860%#		
43) trans-1,3-Dichloroprop...	8.179	79	48635	36.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.080%		
47) 2-Hexanone-d5	8.636	63	123117	80.057	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.060%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	180138	39.956	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.920%		
66) 1,2-Dichlorobenzene-d4	12.192	152	143040	44.738	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.480%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	2980	1.316	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	8545	3.498	ug/L	97
19) 1,1-Dichloroethane	3.874	63	36070	8.561	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	43452	16.225	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	69873	18.127	ug/L	99
34) Trichloroethene	6.546	95	29602	11.475	ug/L	98
46) Tetrachloroethene	8.555	164	26284	11.338	ug/L	98

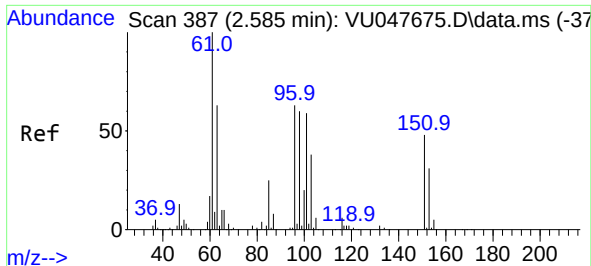
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.316 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047687.D

Acq: 25 Mar 2022 21:04

Instrument :

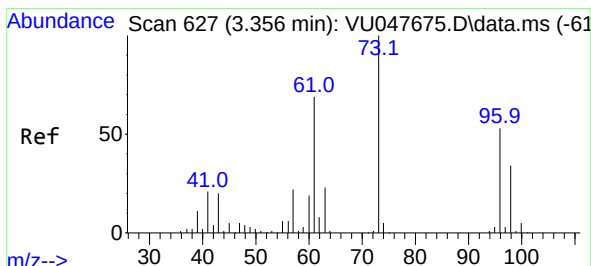
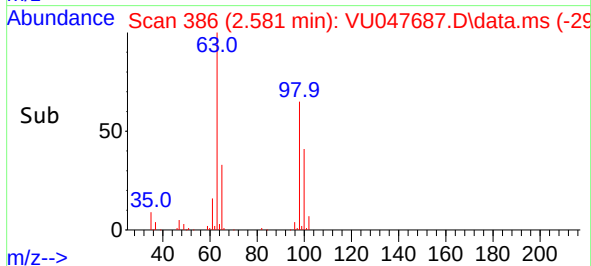
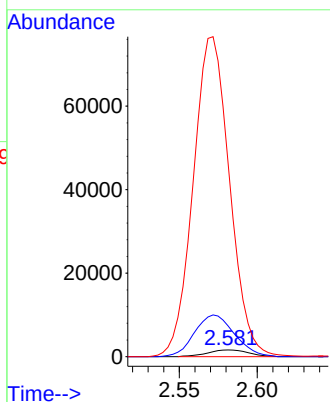
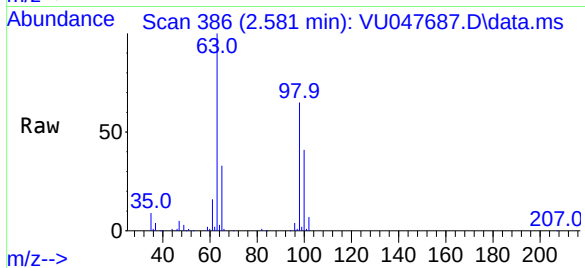
MSVOA_U

ClientSampleId :

EW604

Tgt Ion: 96 Resp: 2980

Ion	Ratio	Lower	Upper
96	100		
61	453.5	113.1	210.1#
63	2852.5	94.8	176.0#



#17

trans-1,2-Dichloroethene

Concen: 3.498 ug/L

RT: 3.359 min Scan# 628

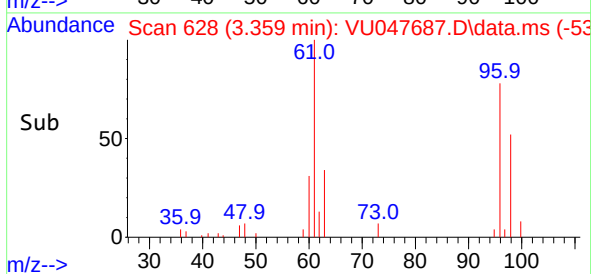
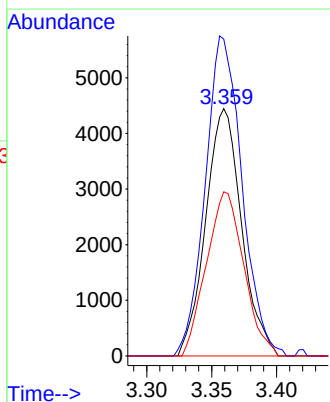
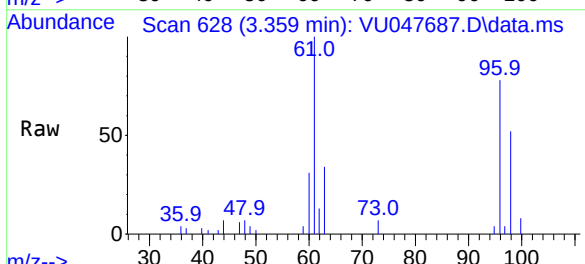
Delta R.T. 0.003 min

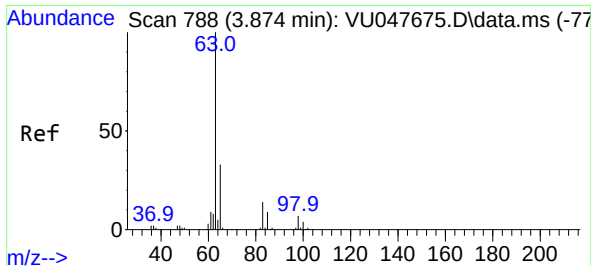
Lab File: VU047687.D

Acq: 25 Mar 2022 21:04

Tgt Ion: 96 Resp: 8545

Ion	Ratio	Lower	Upper
96	100		
61	128.1	88.4	164.2
98	66.4	43.3	80.5

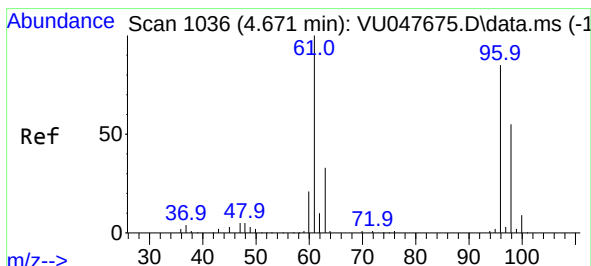
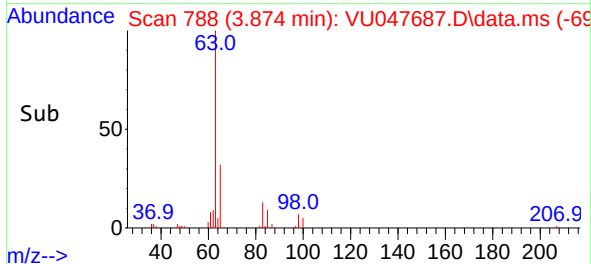
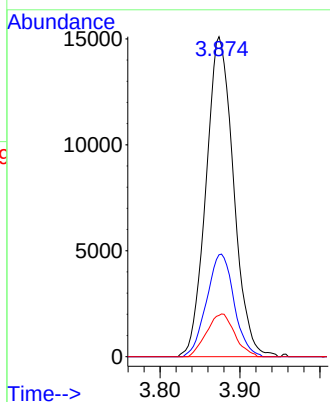
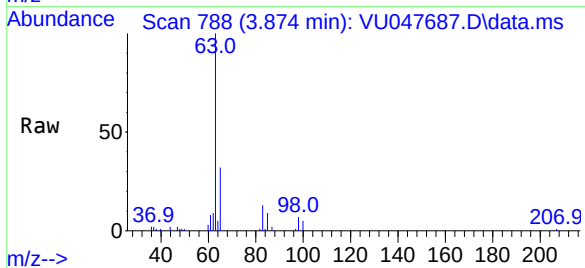




#19
1,1-Dichloroethane
Concen: 8.561 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

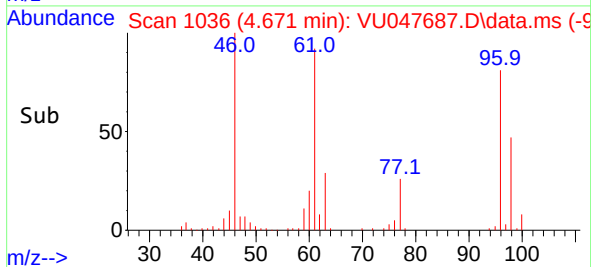
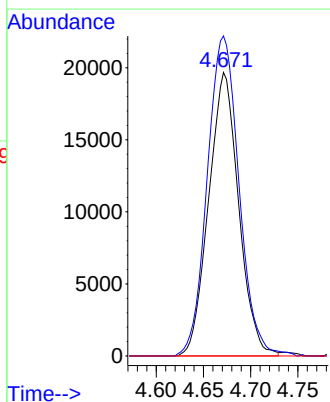
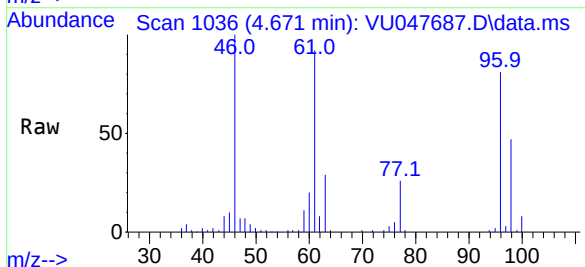
Instrument :
MSVOA_U
ClientSampleId :
EW604

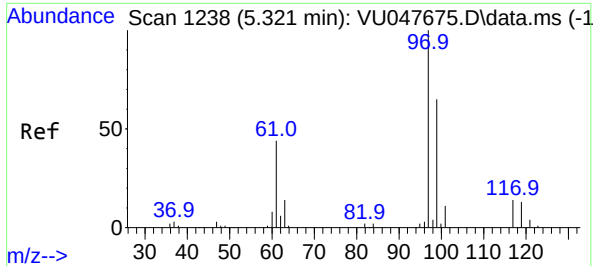
Tgt Ion: 63 Resp: 36070
Ion Ratio Lower Upper
63 100
65 31.9 22.0 41.0
83 12.9 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 16.225 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Tgt Ion: 96 Resp: 43452
Ion Ratio Lower Upper
96 100
61 112.8 80.7 149.9
68 0.0 0.0 0.0



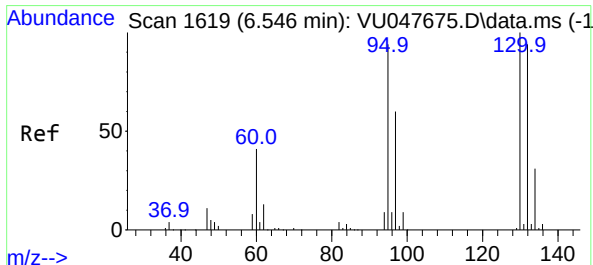
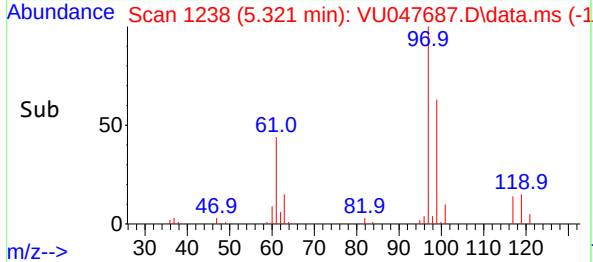
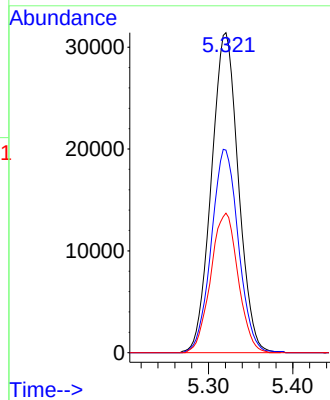
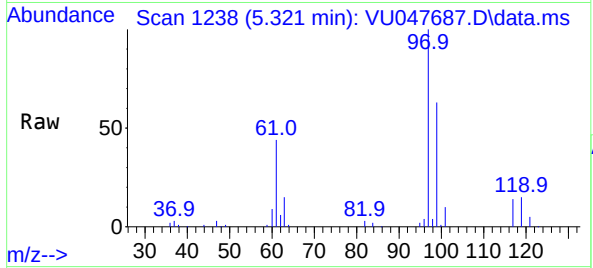


#30
1,1,1-Trichloroethane
Concen: 18.127 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
EW604

Tgt Ion: 97 Resp: 69873

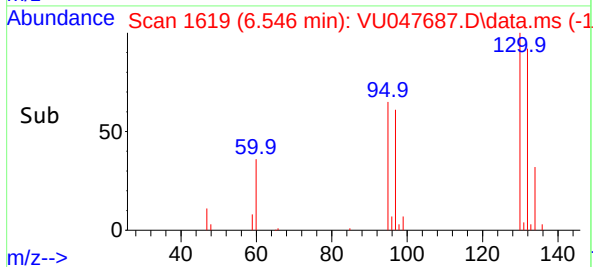
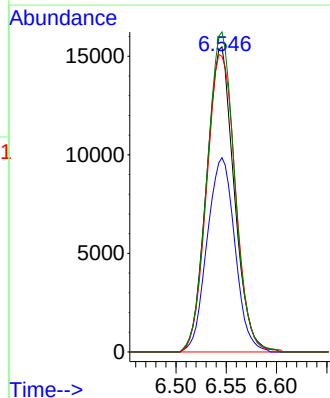
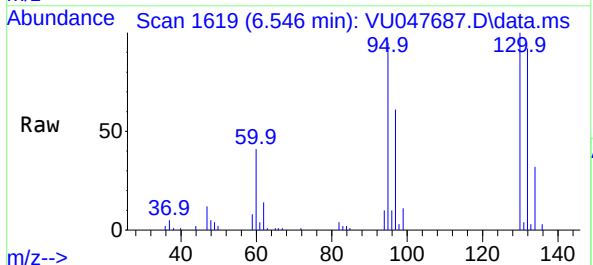
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	44.3	34.2	51.4

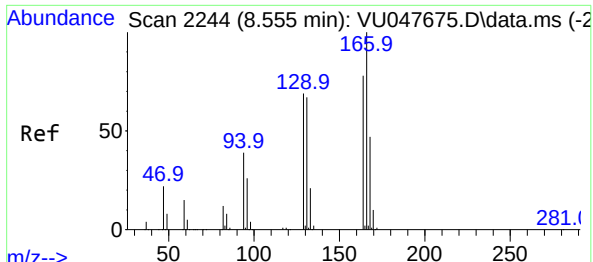


#34
Trichloroethene
Concen: 11.475 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Tgt Ion: 95 Resp: 29602

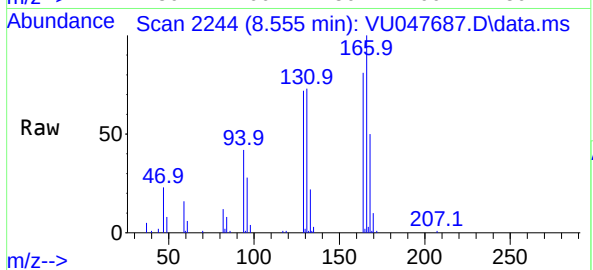
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	82.9
132	96.9	70.4	130.8
130	104.9	73.6	136.8





#46
Tetrachloroethene
Concen: 11.338 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
EW604



Tgt Ion:164 Resp: 26284

Ion	Ratio	Lower	Upper
164	100		
129	88.9	62.4	116.0
131	89.2	60.7	112.7
166	122.9	89.0	165.4

