

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045255.D
 Acq On : 08 Oct 2021 16:40
 Operator : SY/MD
 Sample : M4027-03DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT7DL

Quant Time: Oct 09 05:32:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

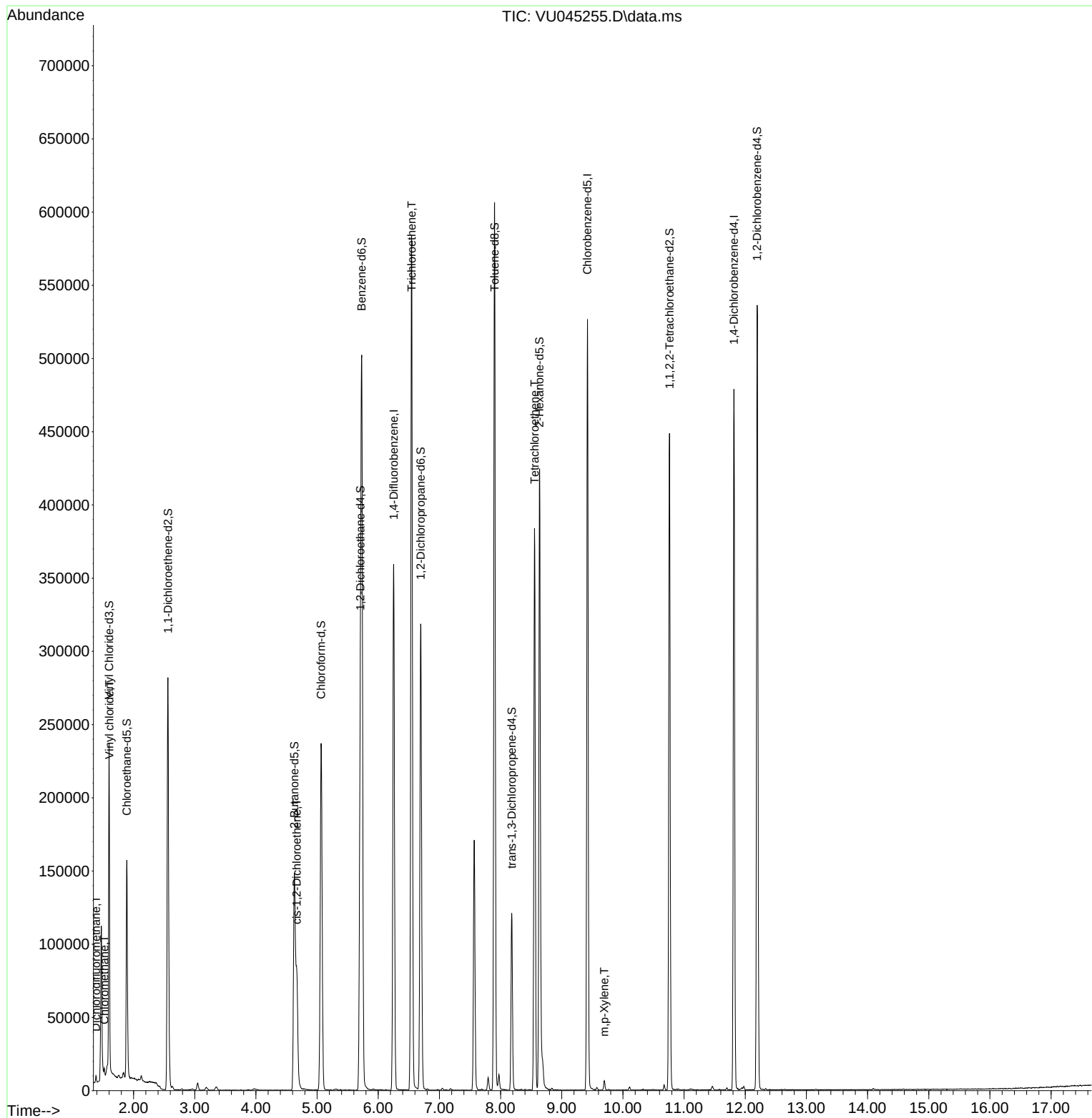
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	275588	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	266757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	116627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	140234	46.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.960%
7) Chloroethane-d5	1.890	69	112955	47.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.500%
11) 1,1-Dichloroethene-d2	2.562	63	171901	33.930	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.860%
21) 2-Butanone-d5	4.629	46	211526	88.688	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.690%
24) Chloroform-d	5.066	84	212259	44.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.100%
26) 1,2-Dichloroethane-d4	5.706	65	150835	46.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
32) Benzene-d6	5.729	84	448340	48.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	6.693	67	145180	48.102	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	7.902	98	385111	48.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.420%
43) trans-1,3-Dichloroprop...	8.182	79	63782	47.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
47) 2-Hexanone-d5	8.635	63	147435	88.147	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.150%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	223225	47.496	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	132079	52.038	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2870	1.088	ug/L	97
3) Chloromethane	1.523	50	3551	1.080	ug/L	96
5) Vinyl chloride	1.604	62	4657	1.445	ug/L	# 1
20) cis-1,2-Dichloroethene	4.668	96	34264	13.831	ug/L	97
34) Trichloroethene	6.546	95	197527	83.120	ug/L	98
46) Tetrachloroethene	8.555	164	78556	46.248	ug/L	98
53) m,p-Xylene	9.697	106	1942	0.483	ug/L	97

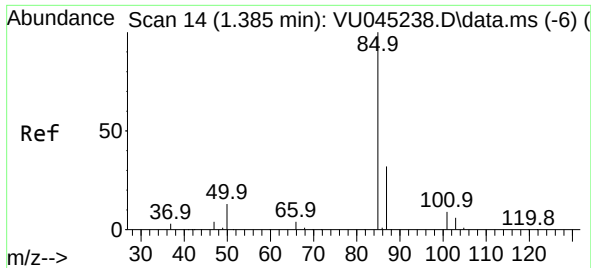
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

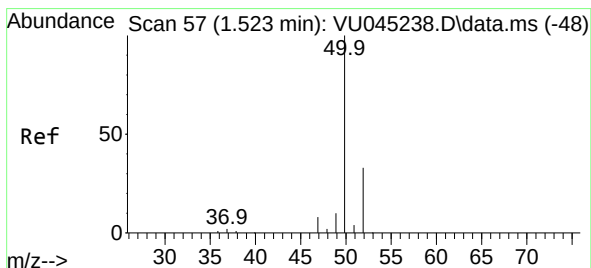
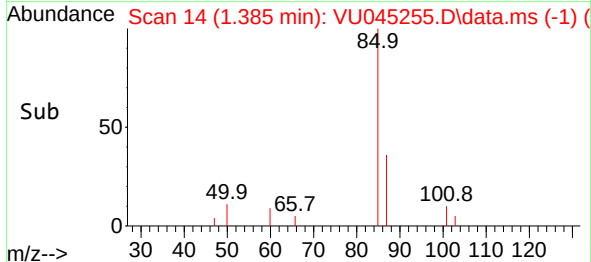
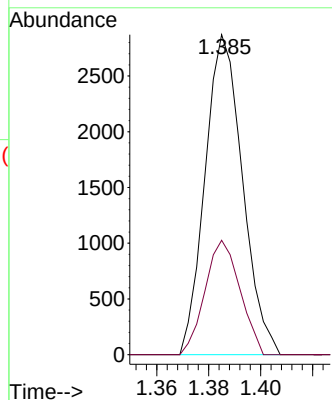
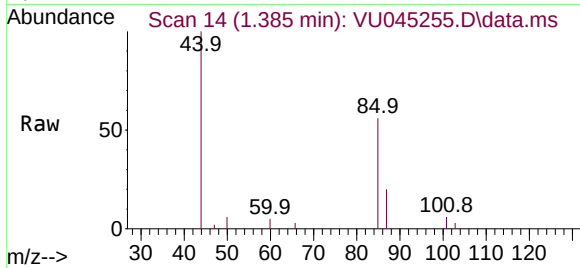




#2
Dichlorodifluoromethane
Concen: 1.088 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045255.D
Acq: 08 Oct 2021 16:40

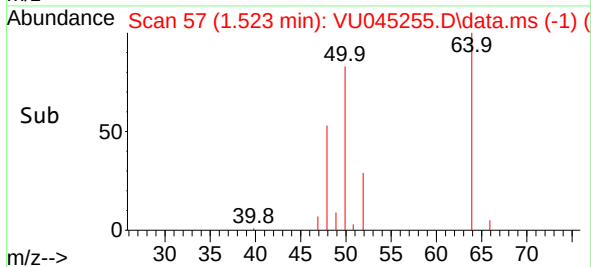
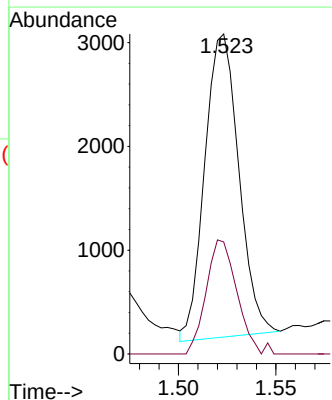
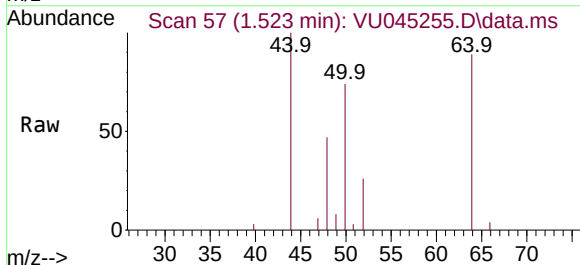
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MSVOA_U
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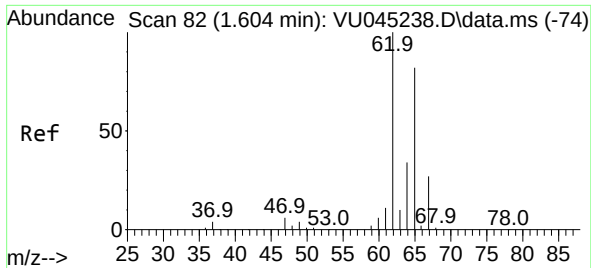
Tgt Ion: 85 Resp: 2870
Ion Ratio Lower Upper
85 100
87 33.4 25.2 37.8



#3
Chloromethane
Concen: 1.080 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045255.D
Acq: 08 Oct 2021 16:40

Tgt Ion: 50 Resp: 3551
Ion Ratio Lower Upper
50 100
52 35.0 23.0 42.8

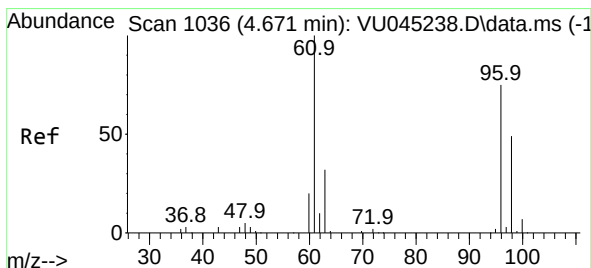
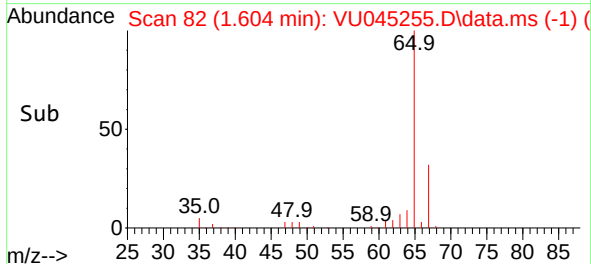
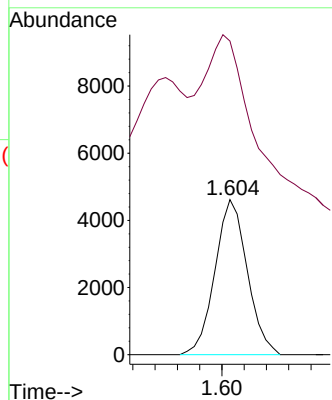
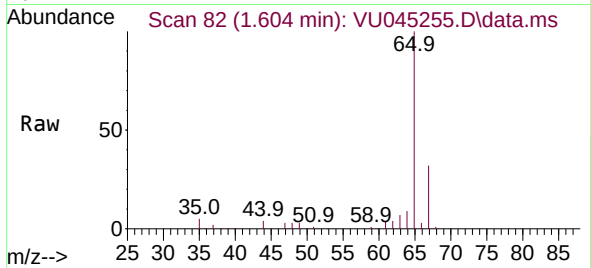




#5
 Vinyl chloride
 Concen: 1.445 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045255.D
 Acq: 08 Oct 2021 16:40

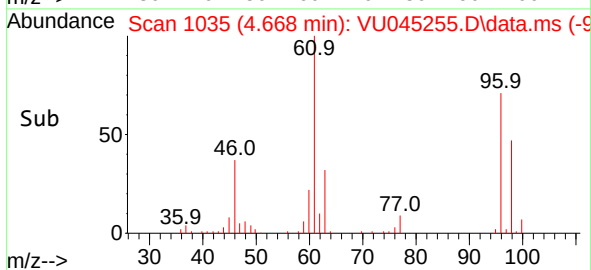
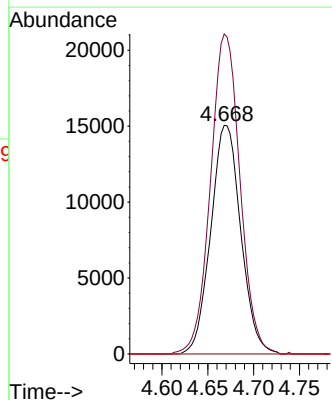
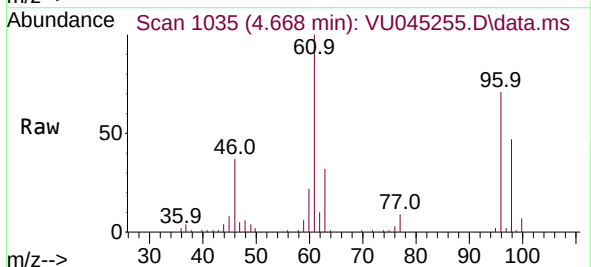
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT7DL

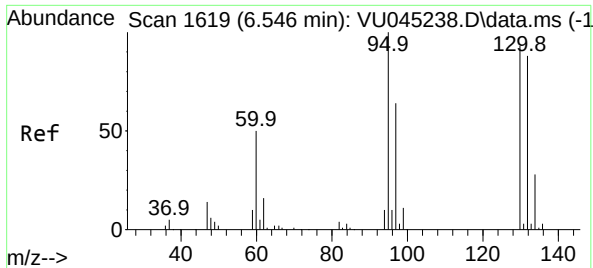
Tgt Ion: 62 Resp: 4657
 Ion Ratio Lower Upper
 62 100
 64 202.3 23.4 43.6#



#20
 cis-1,2-Dichloroethene
 Concen: 13.831 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045255.D
 Acq: 08 Oct 2021 16:40

Tgt Ion: 96 Resp: 34264
 Ion Ratio Lower Upper
 96 100
 61 140.0 100.2 186.0
 68 0.0 0.0 0.0



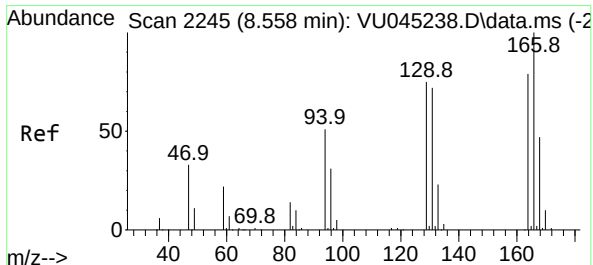
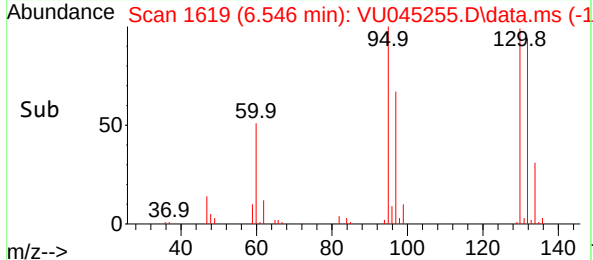
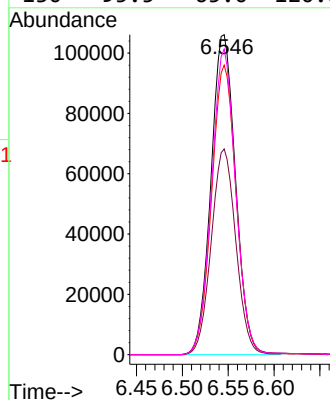
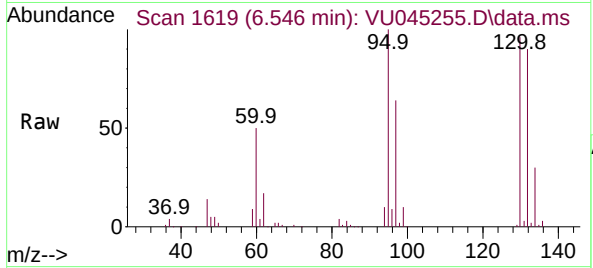


#34
Trichloroethene
Concen: 83.120 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045255.D
Acq: 08 Oct 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
C0AT7DL

Tgt Ion: 95 Resp: 197527

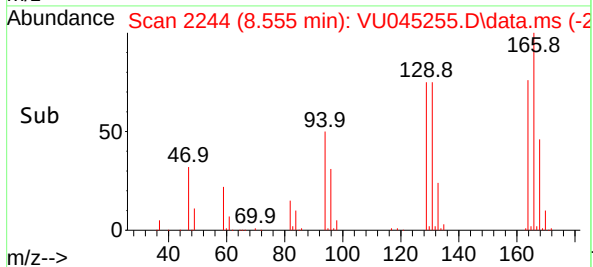
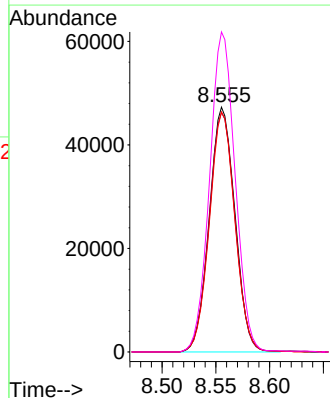
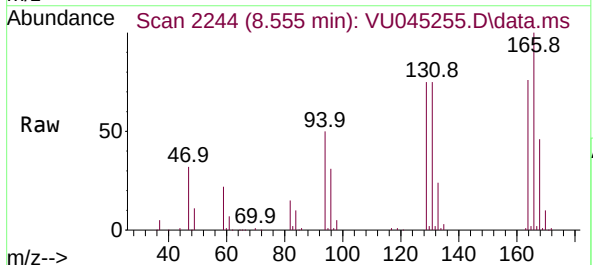
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	90.5	62.9	116.9
130	95.5	65.0	120.8

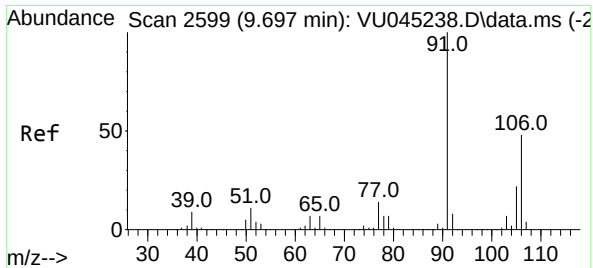


#46
Tetrachloroethene
Concen: 46.248 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045255.D
Acq: 08 Oct 2021 16:40

Tgt Ion: 164 Resp: 78556

Ion	Ratio	Lower	Upper
164	100		
129	97.8	69.8	129.6
131	98.1	66.4	123.2
166	130.7	91.1	169.3





#53
 m,p-Xylene
 Concen: 0.483 ug/L
 RT: 9.697 min Scan# 2599
 Delta R.T. -0.000 min
 Lab File: VU045255.D
 Acq: 08 Oct 2021 16:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT7DL

Tgt Ion:	106	Resp:	1942
Ion	Ratio	Lower	Upper
106	100		
91	214.2	146.7	272.4

