

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044813.D
 Acq On : 24 Sep 2021 15:47
 Operator : SY/MD
 Sample : M3873-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X9

Quant Time: Sep 25 02:39:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

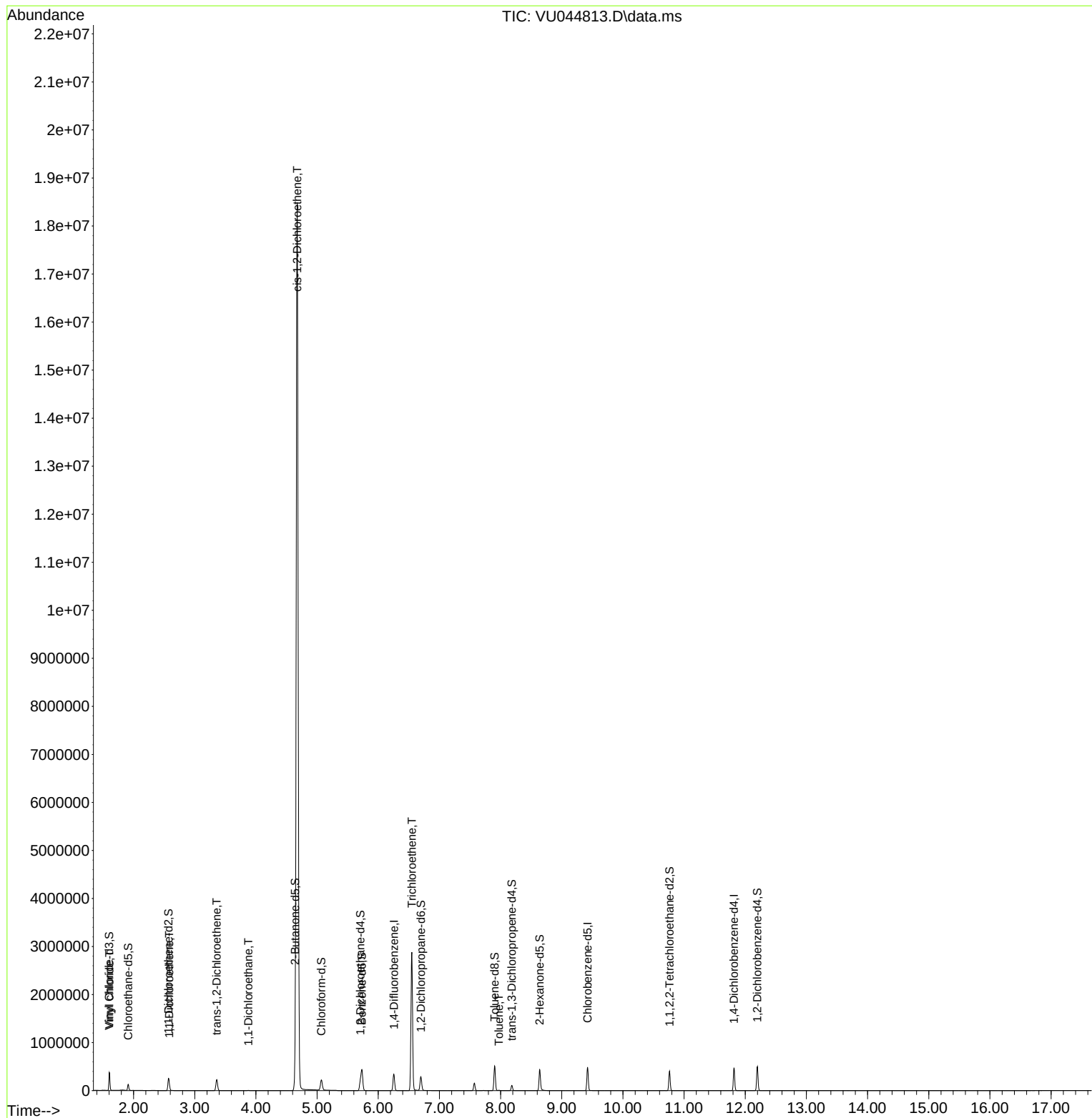
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	263549	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	256316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	115448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110703	38.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.740%
7) Chloroethane-d5	1.912	69	95296	41.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.360%
11) 1,1-Dichloroethene-d2	2.571	63	155175	32.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.060%
21) 2-Butanone-d5	4.642	46	236099	103.512	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.510%
24) Chloroform-d	5.070	84	188049	41.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.540%
26) 1,2-Dichloroethane-d4	5.706	65	136519	44.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
32) Benzene-d6	5.732	84	385842	43.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	6.697	67	131134	45.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	7.902	98	326400	42.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.060%
43) trans-1,3-Dichloroprop...	8.182	79	56664	43.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
47) 2-Hexanone-d5	8.639	63	154220	95.960	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	198146	43.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.760%
66) 1,2-Dichlorobenzene-d4	12.198	152	120366	47.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.820%
Target Compounds						
5) Vinyl chloride	1.607	62	162589	52.760	ug/L	99
12) 1,1-Dichloroethene	2.584	96	13810	6.767	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	91709	42.657	ug/L	98
19) 1,1-Dichloroethane	3.877	63	5384	1.204	ug/L	93
20) cis-1,2-Dichloroethene	4.674	96	9090094	3837.034	ug/L	96
34) Trichloroethene	6.549	95	954998	418.235	ug/L	99
42) Toluene	7.973	91	5221	0.541	ug/L	95

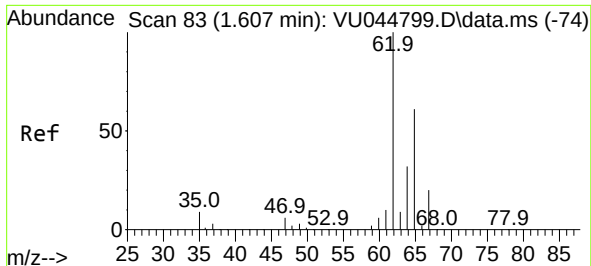
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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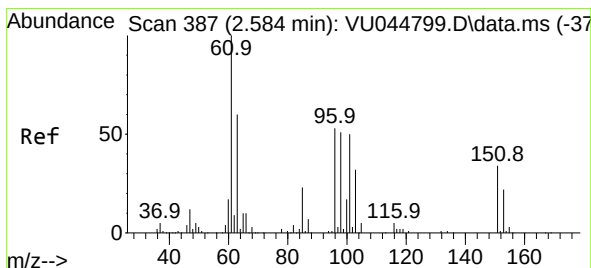
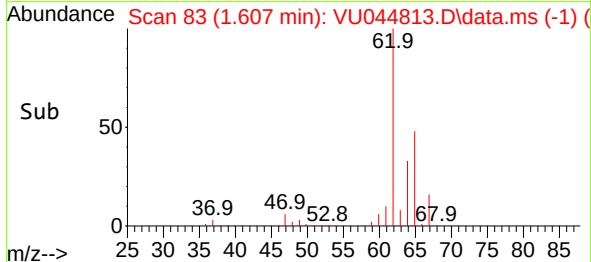
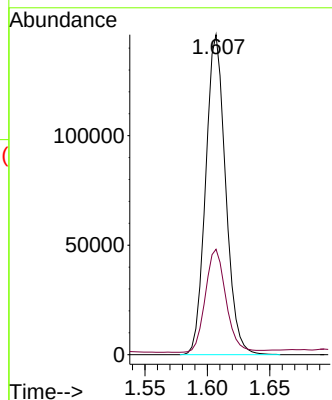
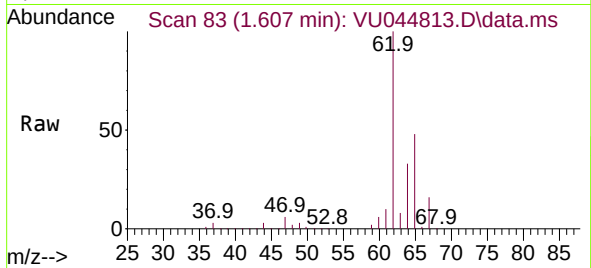




#5
 Vinyl chloride
 Concen: 52.760 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044813.D
 Acq: 24 Sep 2021 15:47

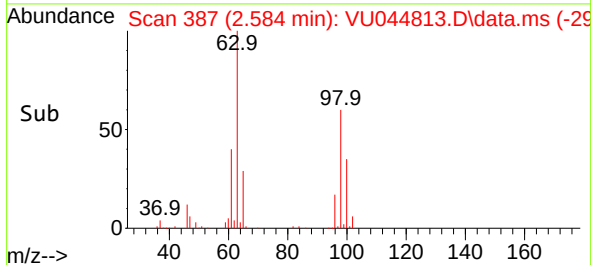
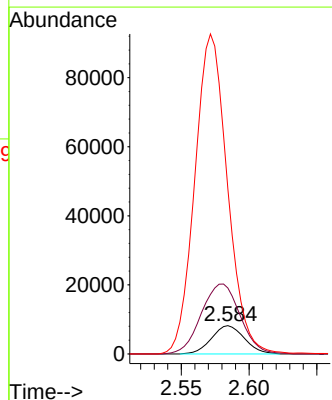
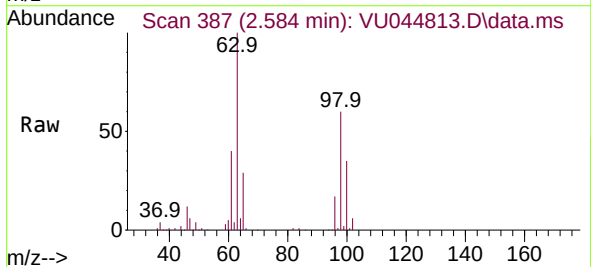
Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X9

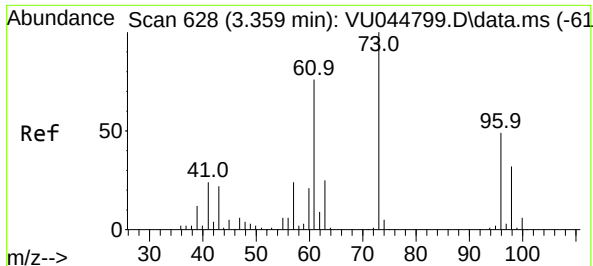
Tgt Ion: 62 Resp: 162589
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.6



#12
 1,1-Dichloroethene
 Concen: 6.767 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044813.D
 Acq: 24 Sep 2021 15:47

Tgt Ion: 96 Resp: 13810
 Ion Ratio Lower Upper
 96 100
 61 233.0 131.3 243.9
 63 583.3 102.5 190.3#



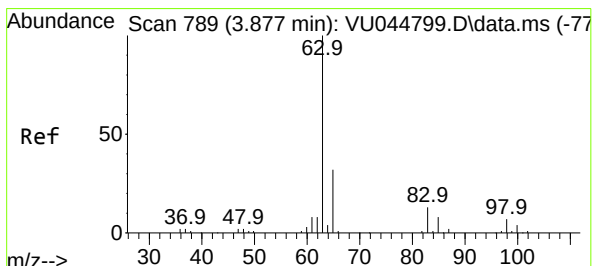
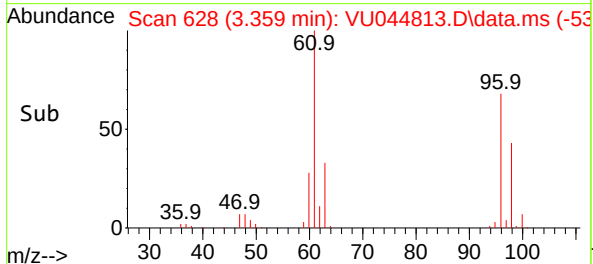
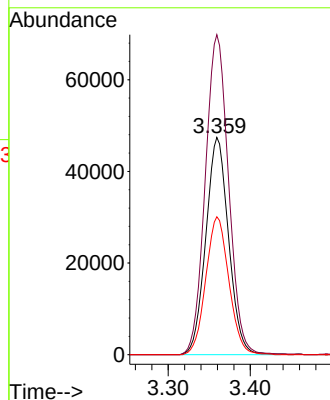
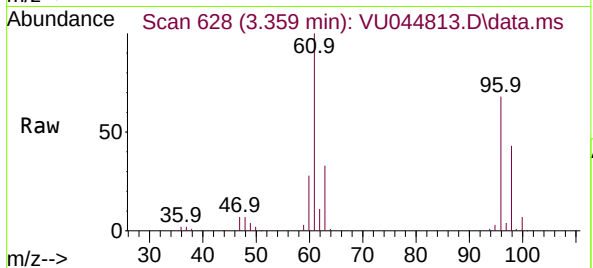


#17

trans-1,2-Dichloroethene
Concen: 42.657 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
EW7X9

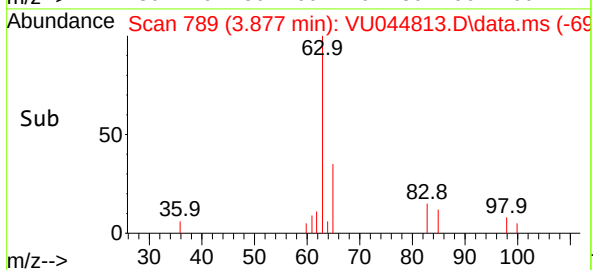
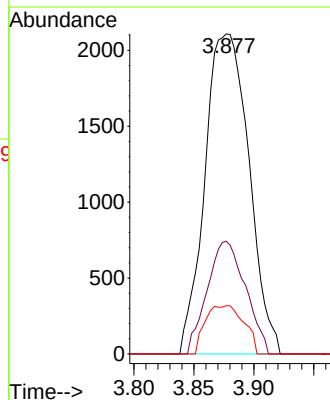
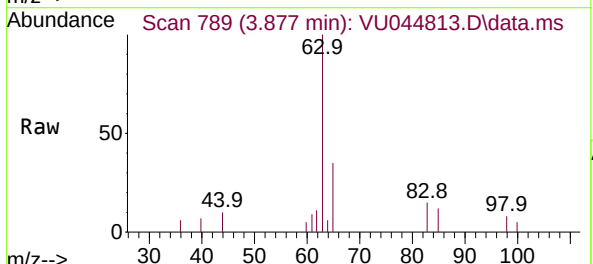
Tgt Ion:	96	Resp:	91709
Ion	Ratio	Lower	Upper
96	100		
61	147.3	105.1	195.3
98	63.5	43.0	79.8

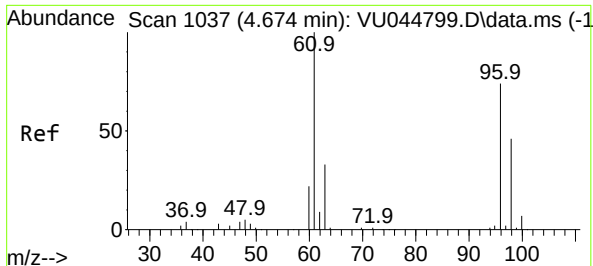


#19

1,1-Dichloroethane
Concen: 1.204 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Tgt Ion:	63	Resp:	5384
Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.0	40.8
83	15.0	9.0	16.6



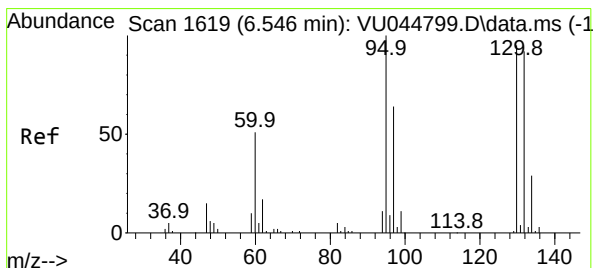
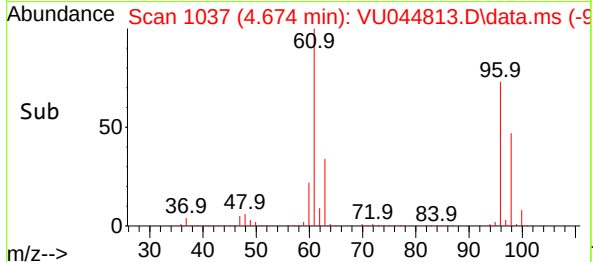
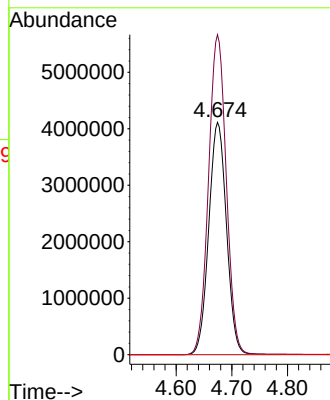
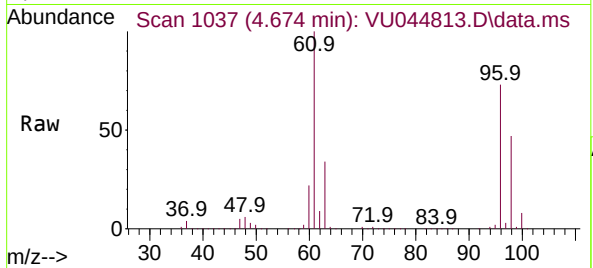


#20
cis-1,2-Dichloroethene
Concen: 3837.034 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
EW7X9

Tgt Ion: 96 Resp: 9090094

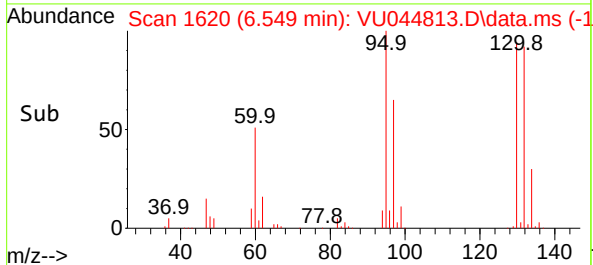
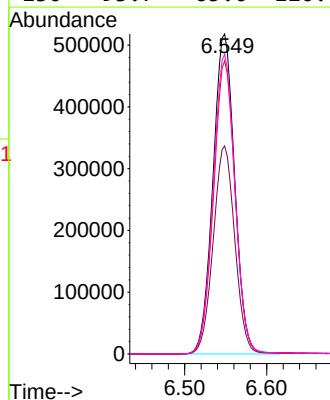
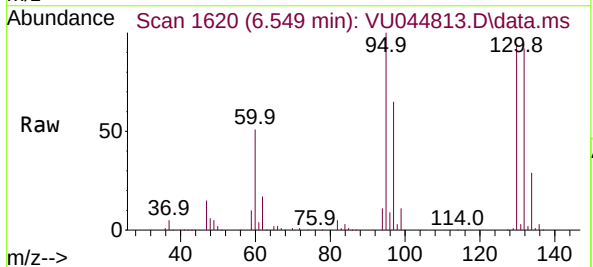
Ion	Ratio	Lower	Upper
96	100		
61	137.7	100.2	186.0
68	0.0	0.0	0.0

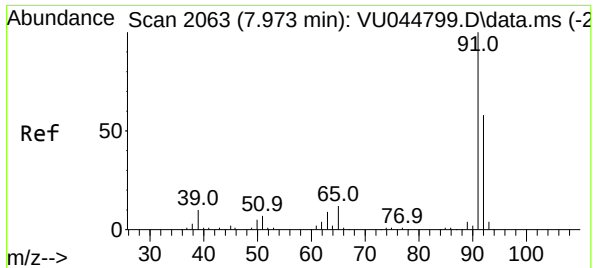


#34
Trichloroethene
Concen: 418.235 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Tgt Ion: 95 Resp: 954998

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.4
132	91.6	62.9	116.9
130	93.7	65.0	120.8





#42
Toluene
Concen: 0.541 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044813.D
Acq: 24 Sep 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
EW7X9

Tgt Ion: 91 Resp: 5221
Ion Ratio Lower Upper
91 100
92 61.1 40.5 75.1

