

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052200.D
 Acq On : 07 Dec 2022 16:40
 Operator : JC/MD
 Sample : N5930-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ87

Quant Time: Dec 08 02:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

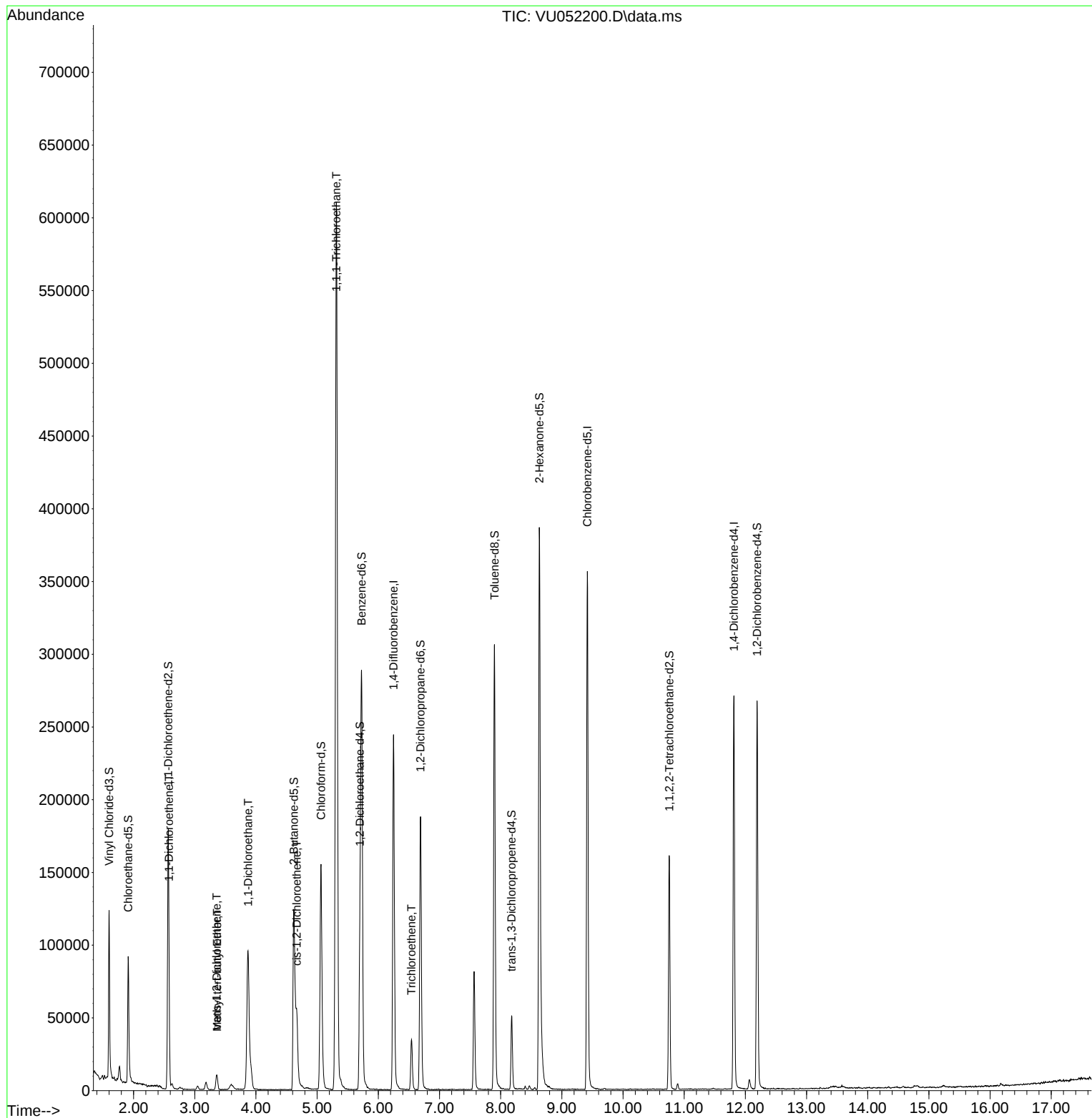
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	205783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88434	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.912	69	75325	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.565	65	32826	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.620	46	181013	49.890	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.780%
24) Chloroform-d	5.063	84	146442	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.700	65	76037	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.726	84	291891	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.690	67	95910	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	218123	3.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.179	79	29832	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.632	63	131928	44.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83233	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	78194	5.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	6655	0.446	ug/L	# 1
17) Methyl tert-butyl Ether	3.366	73	5057	0.151	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	2933	0.183	ug/L	84
19) 1,1-Dichloroethane	3.871	63	100830	3.496	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	23491	1.399	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	450044	19.221	ug/L	99
34) Trichloroethene	6.543	95	12697	0.741	ug/L	98

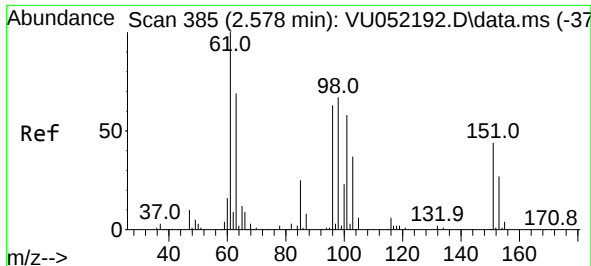
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
Data File : VU052200.D
Acq On : 07 Dec 2022 16:40
Operator : JC/MD
Sample : N5930-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ87

Quant Time: Dec 08 02:01:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 01:59:42 2022
Response via : Initial Calibration

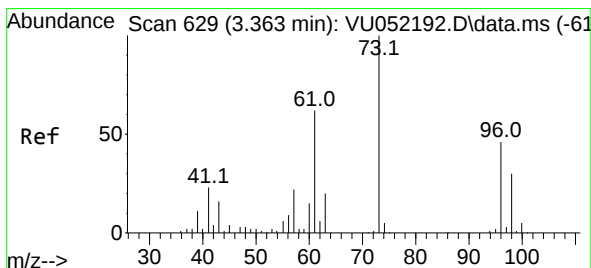
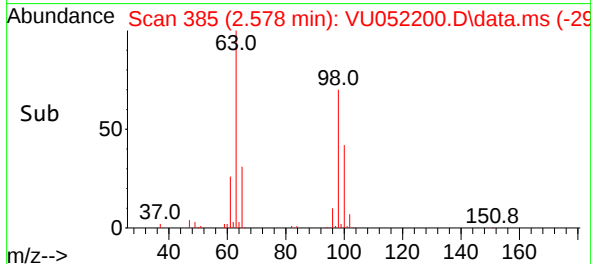
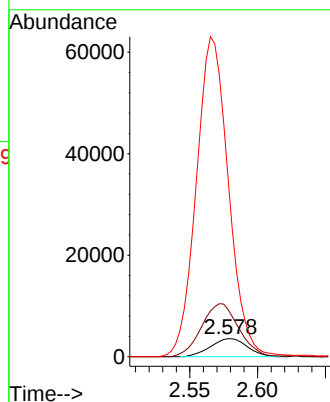
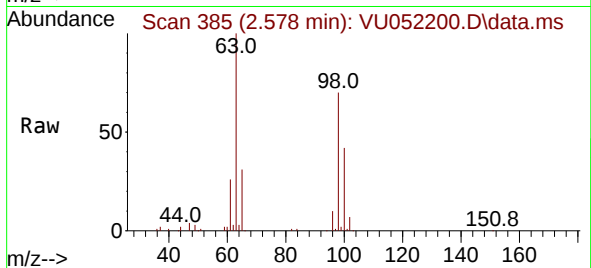




#12
 1,1-Dichloroethene
 Concen: 0.446 ug/L
 RT: 2.578 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052200.D
 Acq: 07 Dec 2022 16:40

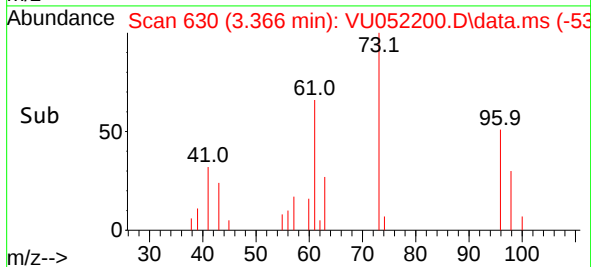
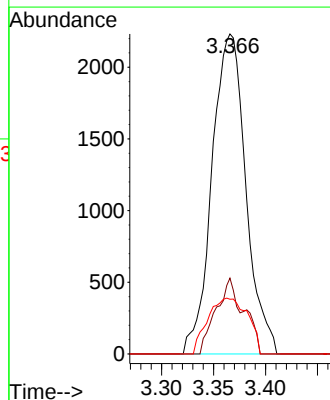
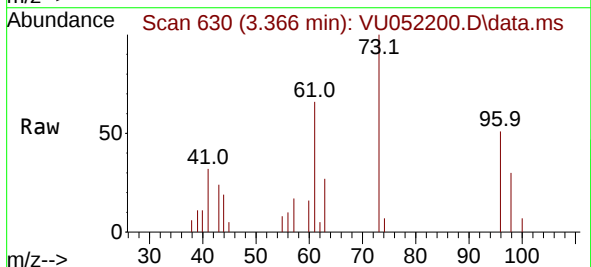
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ87

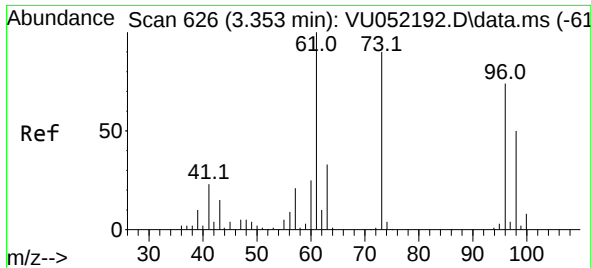
Tgt Ion: 96 Resp: 6655
 Ion Ratio Lower Upper
 96 100
 61 265.4 114.8 213.2#
 63 1009.3 93.7 174.1#



#17
 Methyl tert-butyl Ether
 Concen: 0.151 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. 0.003 min
 Lab File: VU052200.D
 Acq: 07 Dec 2022 16:40

Tgt Ion: 73 Resp: 5057
 Ion Ratio Lower Upper
 73 100
 43 19.5 13.2 19.8
 57 20.4 17.8 26.8

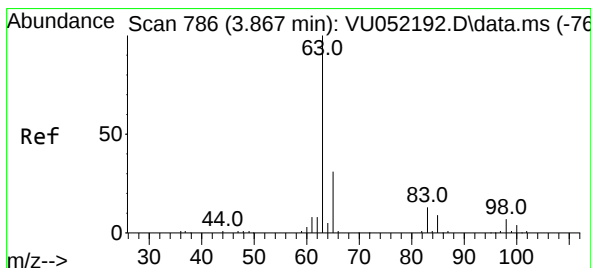
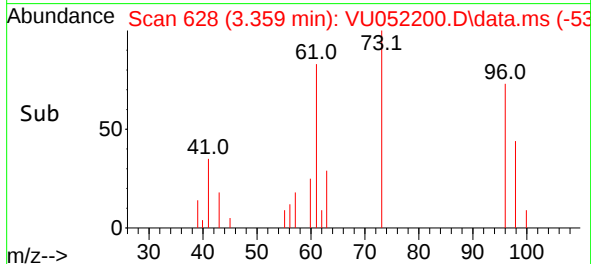
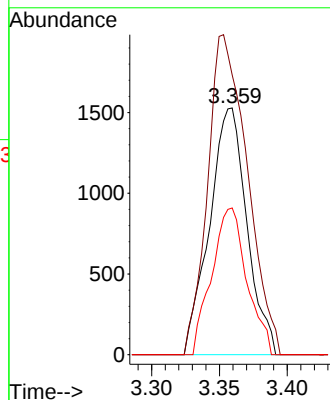
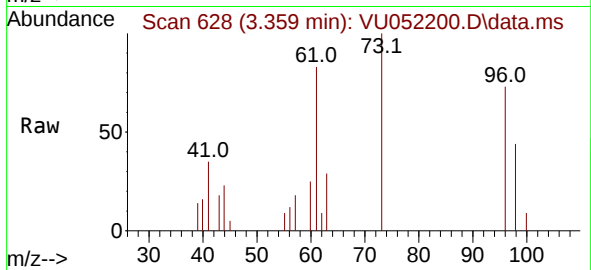




#18
trans-1,2-Dichloroethene
Concen: 0.183 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU052200.D
Acq: 07 Dec 2022 16:40

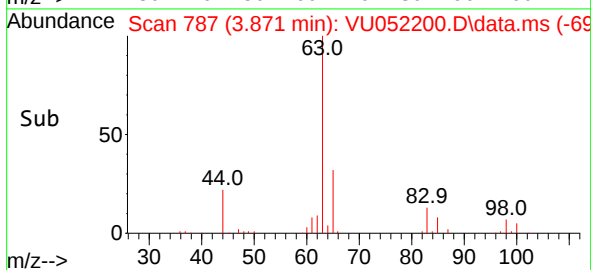
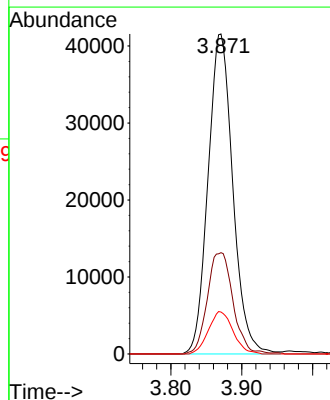
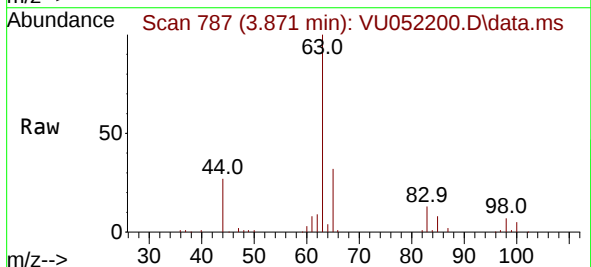
Instrument :
MSVOA_U
ClientSampleId :
EXZ87

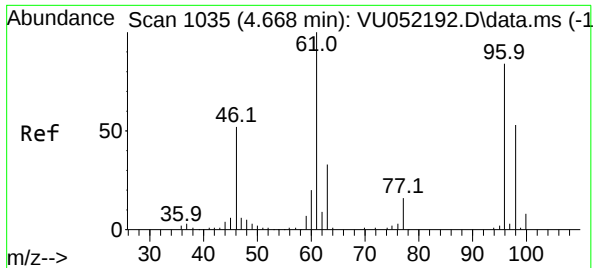
Tgt Ion: 96 Resp: 2933
Ion Ratio Lower Upper
96 100
61 113.4 97.9 181.7
98 59.5 43.8 81.3



#19
1,1-Dichloroethane
Concen: 3.496 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052200.D
Acq: 07 Dec 2022 16:40

Tgt Ion: 63 Resp: 100830
Ion Ratio Lower Upper
63 100
65 31.6 22.2 41.2
83 13.1 9.2 17.0

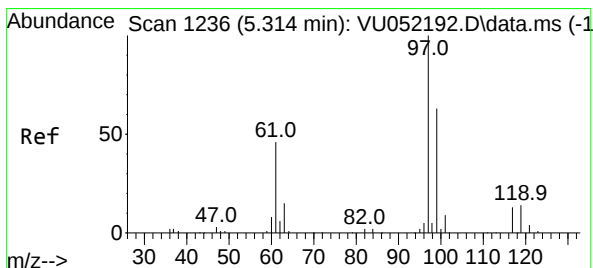
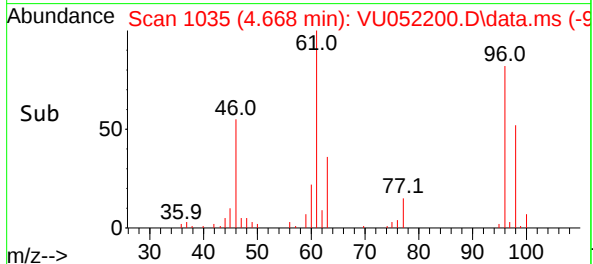
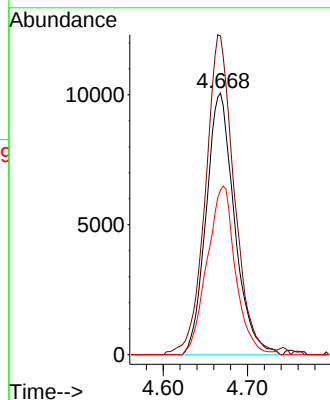
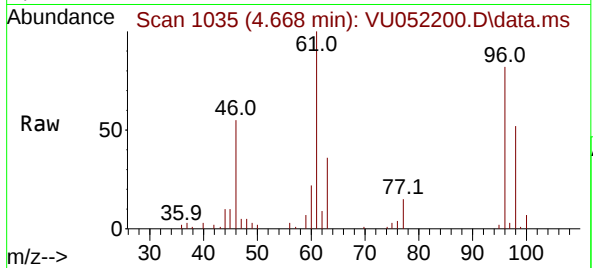




#22
 cis-1,2-Dichloroethene
 Concen: 1.399 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU052200.D
 Acq: 07 Dec 2022 16:40

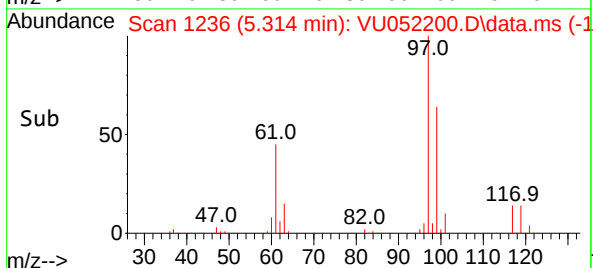
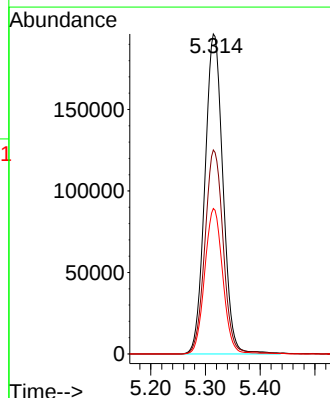
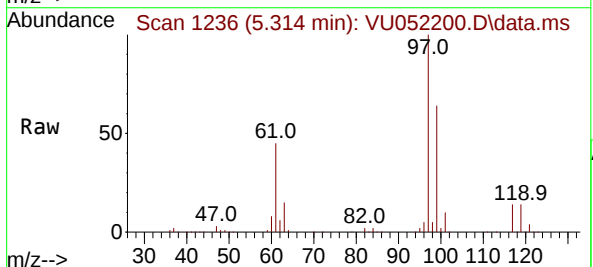
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ87

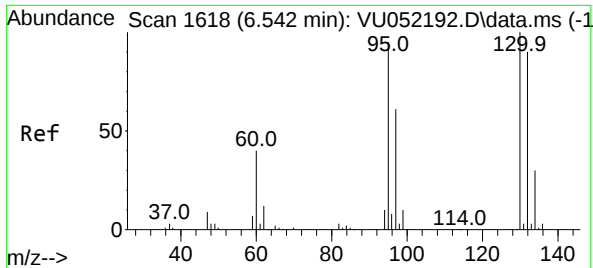
Tgt Ion: 96 Resp: 23491
 Ion Ratio Lower Upper
 96 100
 61 121.7 85.1 158.1
 98 62.9 42.8 79.6



#29
 1,1,1-Trichloroethane
 Concen: 19.221 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VU052200.D
 Acq: 07 Dec 2022 16:40

Tgt Ion: 97 Resp: 450044
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.6
 61 45.5 36.9 55.3





#34
 Trichloroethene
 Concen: 0.741 ug/L
 RT: 6.543 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU052200.D
 Acq: 07 Dec 2022 16:40

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ87

Tgt Ion: 95 Resp: 12697

Ion	Ratio	Lower	Upper
95	100		
97	58.5	43.7	81.1
132	89.2	64.3	119.3
130	96.5	67.3	124.9

