

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056447.D
 Acq On : 17 Nov 2023 17:19
 Operator : MD/SY
 Sample : 05441-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF7

Quant Time: Nov 17 23:23:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

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

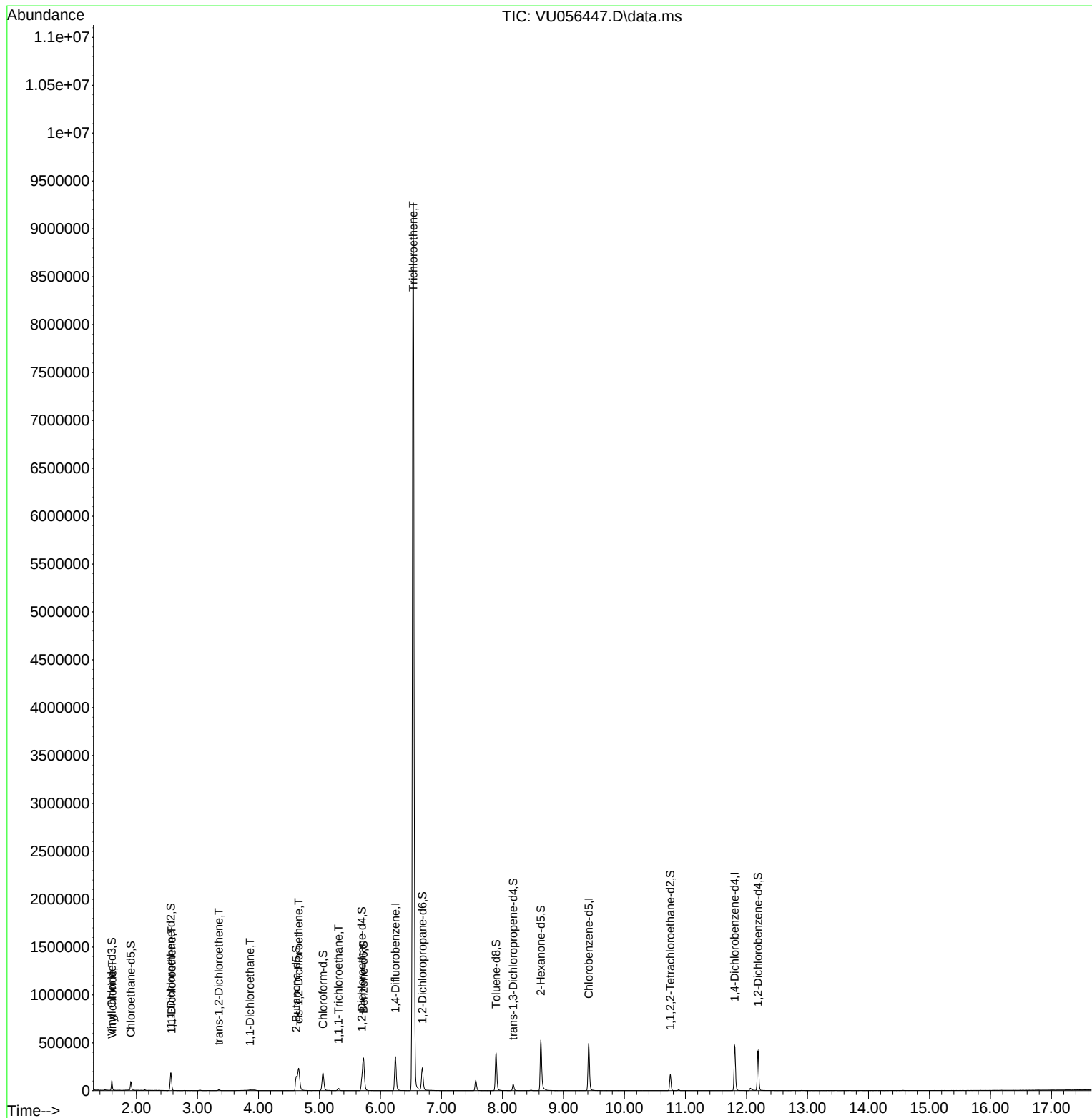
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	284823	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70891	3.328	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	62358	3.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.563	65	33200	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.618	46	225517	53.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.180%
24) Chloroform-d	5.055	84	178883	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	92528	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	327110	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.685	67	110693	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	275219	3.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.174	79	41408	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	187226	47.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84704	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	108414	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	4146	0.187	ug/L #	66
12) 1,1-Dichloroethene	2.573	96	7141	0.410	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	4988	0.278	ug/L	90
19) 1,1-Dichloroethane	3.862	63	3448	0.097	ug/L #	95
22) cis-1,2-Dichloroethene	4.660	96	112912	5.550	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	17229	0.511	ug/L	100
34) Trichloroethene	6.538	95	3321073	145.437	ug/L	98

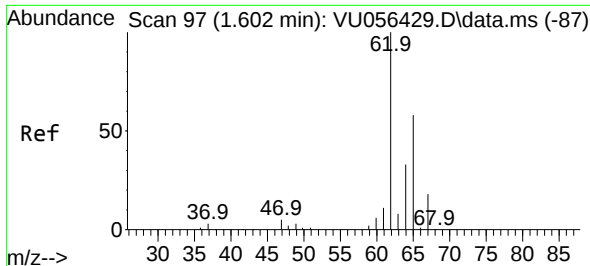
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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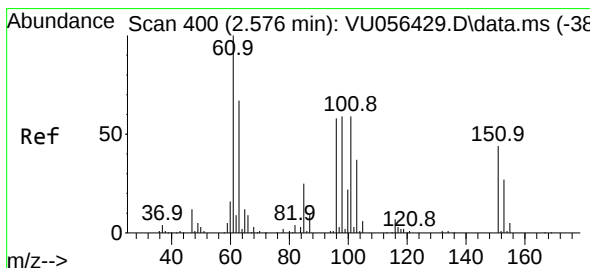
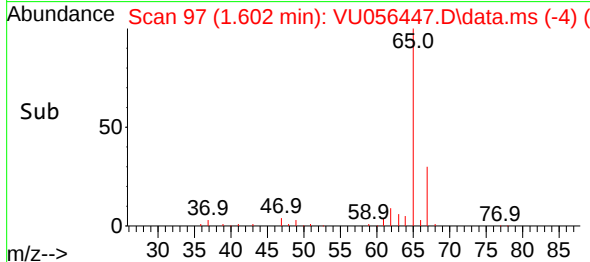
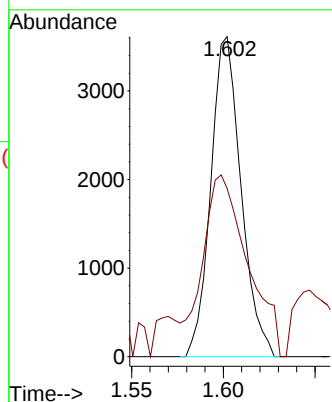
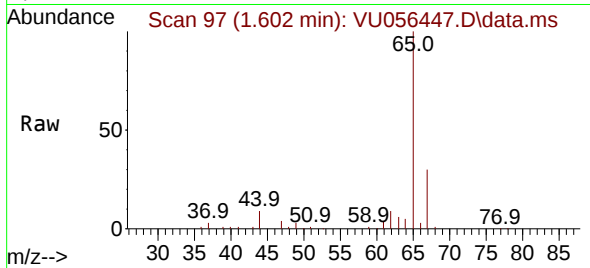




#5
 Vinyl chloride
 Concen: 0.187 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

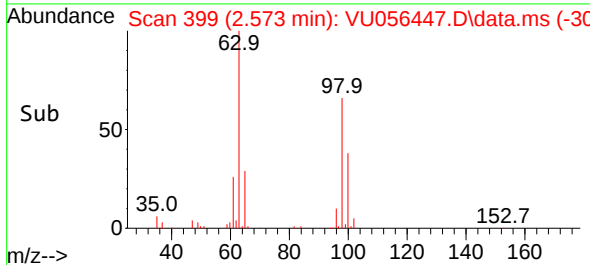
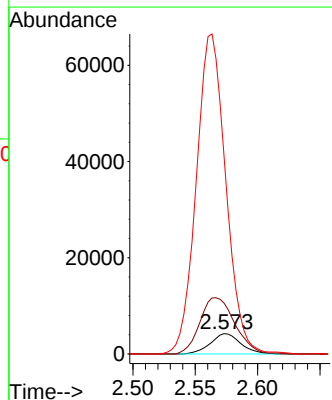
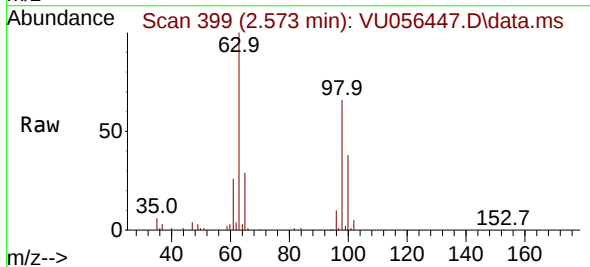
Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF7

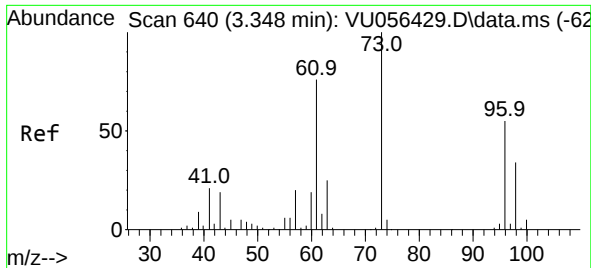
Tgt Ion: 62 Resp: 4146
 Ion Ratio Lower Upper
 62 100
 64 52.6 23.3 43.3#



#12
 1,1-Dichloroethene
 Concen: 0.410 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Tgt Ion: 96 Resp: 7141
 Ion Ratio Lower Upper
 96 100
 61 223.3 123.1 228.7
 63 867.0 93.3 173.3#

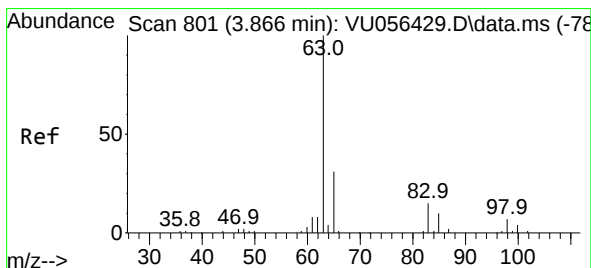
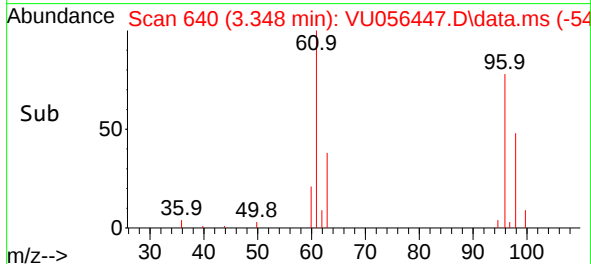
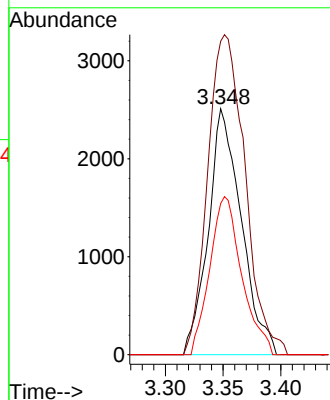
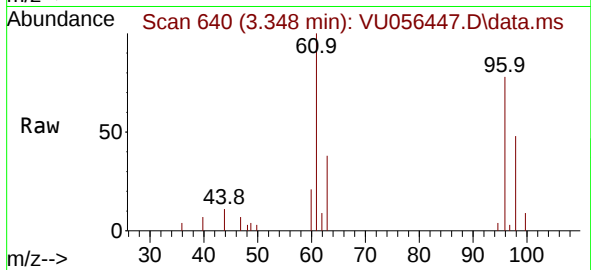




#18
trans-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056447.D
Acq: 17 Nov 2023 17:19

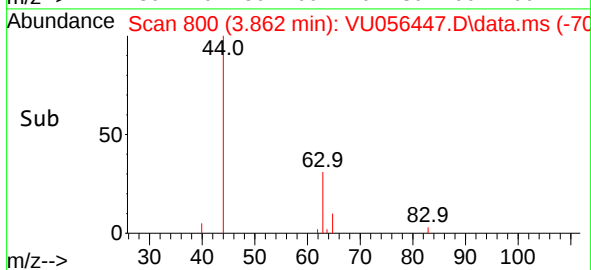
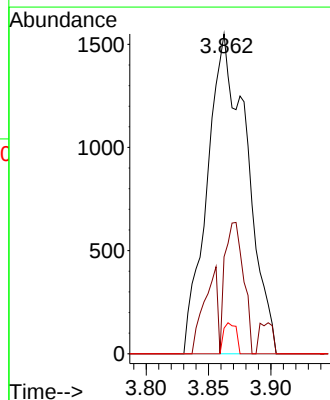
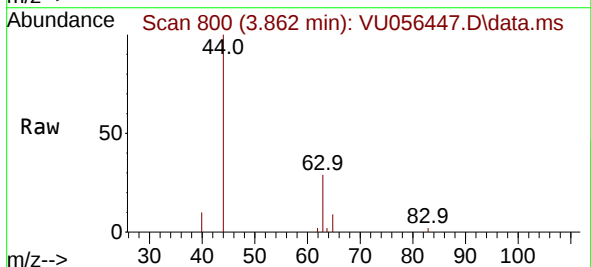
Instrument :
MSVOA_U
ClientSampleId :
C0QF7

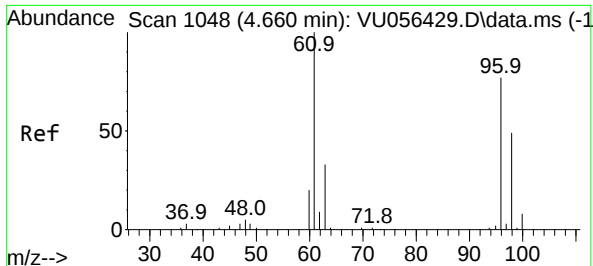
Tgt Ion: 96 Resp: 4988
Ion Ratio Lower Upper
96 100
61 127.4 101.7 188.9
98 61.4 43.0 80.0



#19
1,1-Dichloroethane
Concen: 0.097 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU056447.D
Acq: 17 Nov 2023 17:19

Tgt Ion: 63 Resp: 3448
Ion Ratio Lower Upper
63 100
65 30.3 21.8 40.6
83 8.0 9.7 17.9#

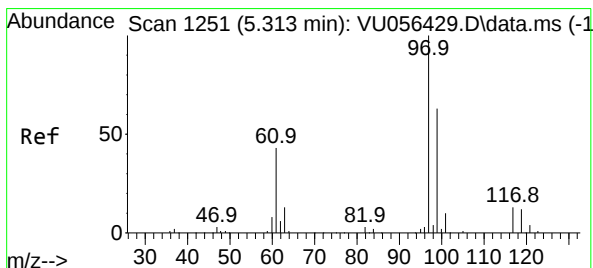
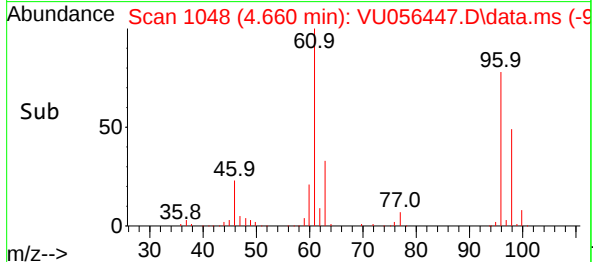
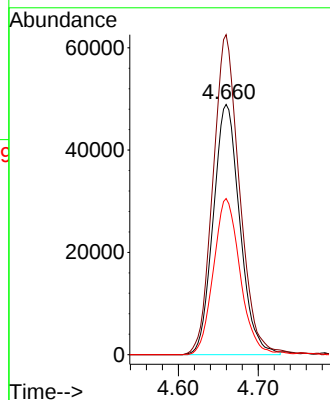
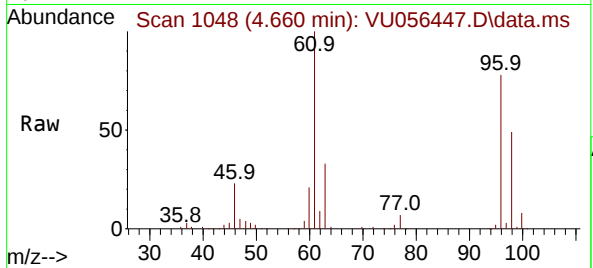




#22
 cis-1,2-Dichloroethene
 Concen: 5.550 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

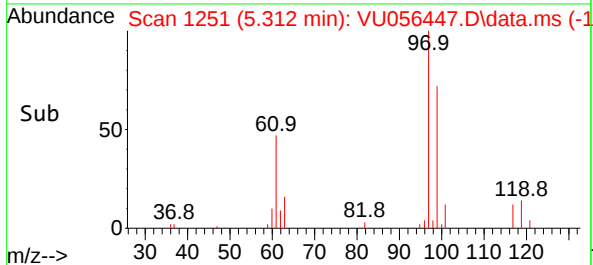
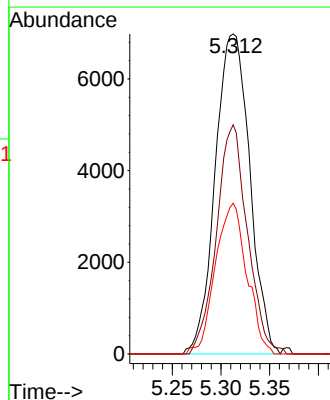
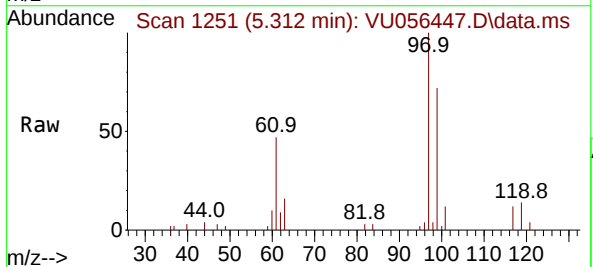
Instrument :
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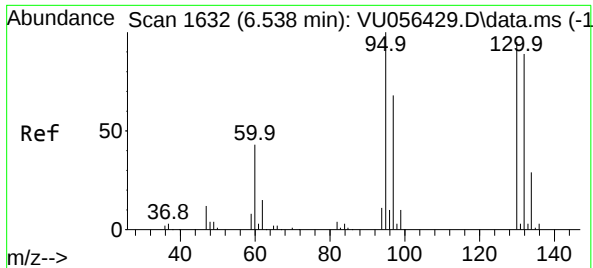
Tgt Ion: 96 Resp: 112912
 Ion Ratio Lower Upper
 96 100
 61 127.9 93.2 173.2
 98 62.4 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 0.511 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Tgt Ion: 97 Resp: 17229
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.6 77.4
 61 42.9 34.3 51.5





#34
 Trichloroethene
 Concen: 145.437 ug/L
 RT: 6.538 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF7

Tgt Ion: 95 Resp: 3321073

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.3
132	89.5	62.0	115.2
130	92.6	66.3	123.1

