

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056273.D
 Acq On : 14 Nov 2023 00:07
 Operator : MD/SY
 Sample : 05371-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP1

Quant Time: Nov 14 21:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

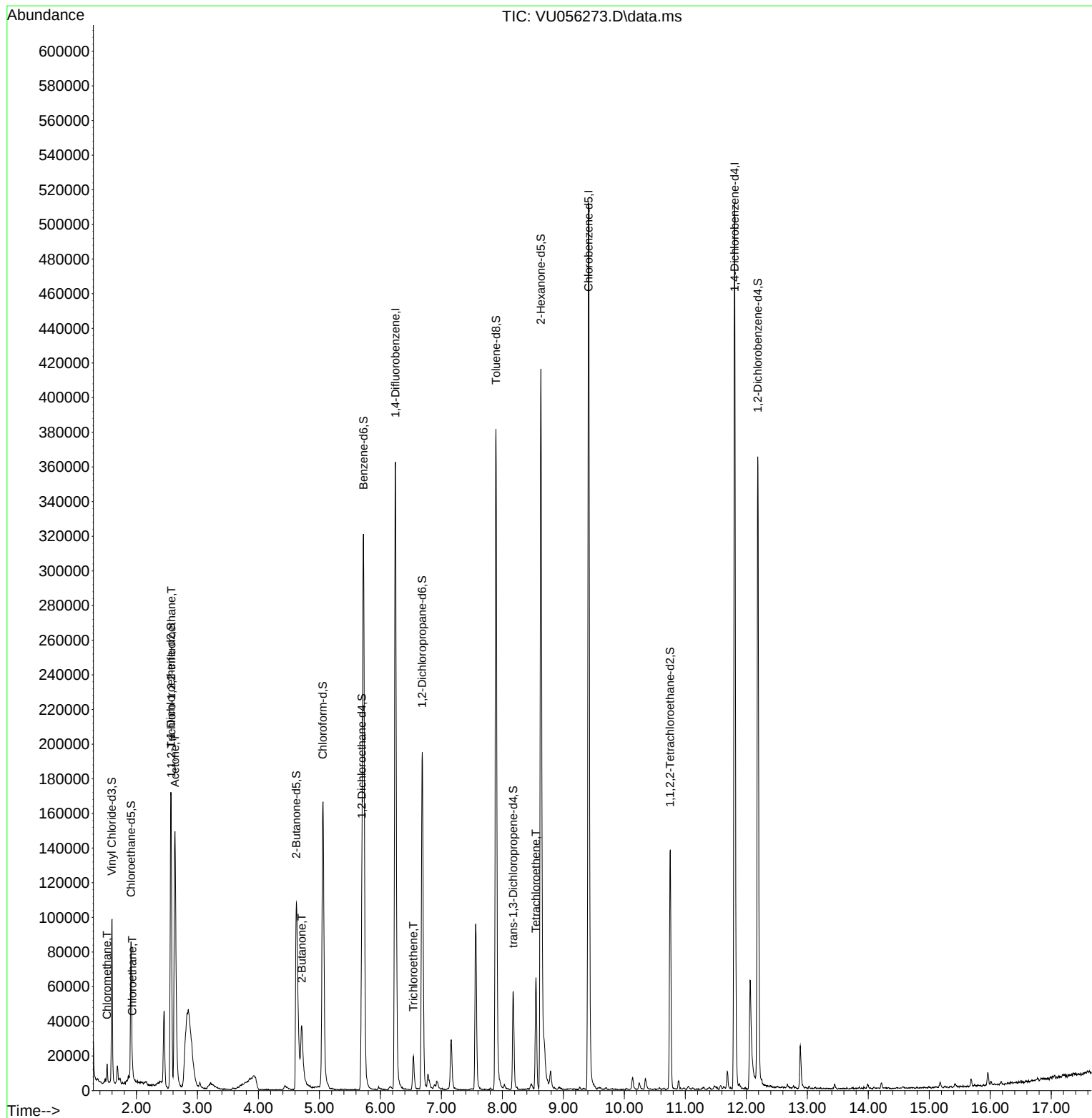
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	299770	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	299088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66739	2.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.911	69	57188	3.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.563	65	34298	3.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.621	46	184165	41.192	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	5.055	84	160445	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.695	65	76034	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	5.721	84	308491	3.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	6.685	67	98903	3.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.894	98	265743	3.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.177	79	34757	3.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.631	63	149626	36.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	71139	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	95697	3.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6791	0.280	ug/L	99
8) Chloroethane	1.933	64	3437	0.241	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3645	0.182	ug/L #	76
13) Acetone	2.631	43	208403	54.729	ug/L	99
21) 2-Butanone	4.711	43	57049	11.546	ug/L	99
34) Trichloroethene	6.541	95	6760	0.291	ug/L #	82
47) Tetrachloroethene	8.550	164	13016	0.830	ug/L	97

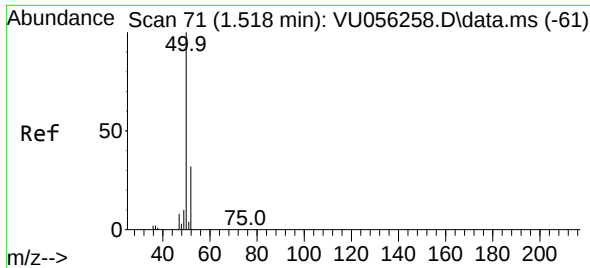
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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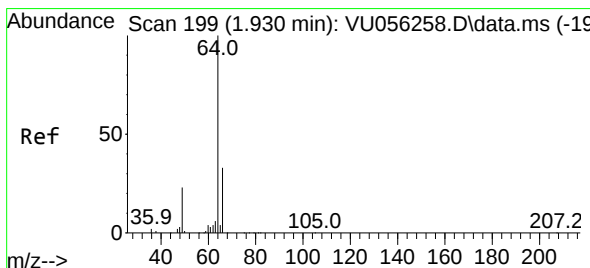
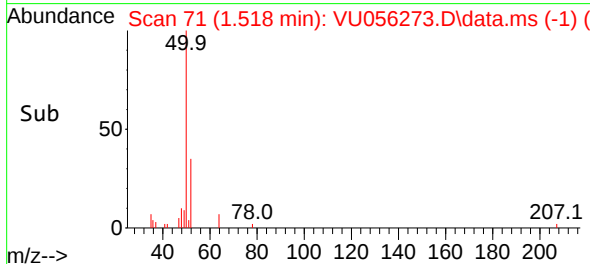
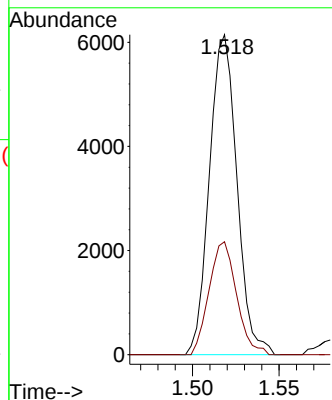
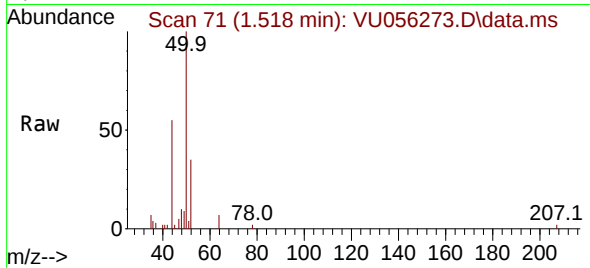




#3
Chloromethane
Concen: 0.280 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

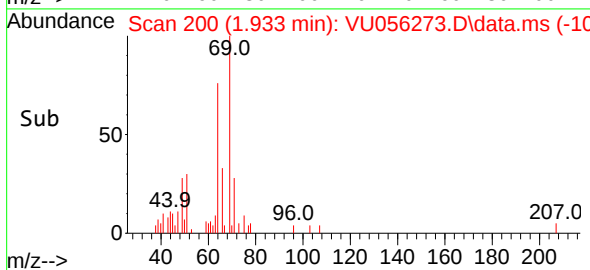
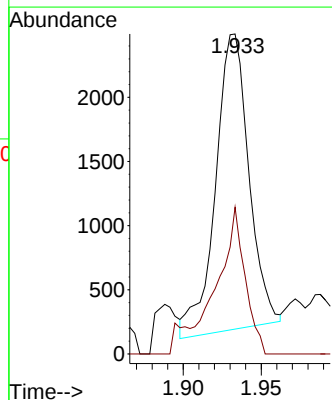
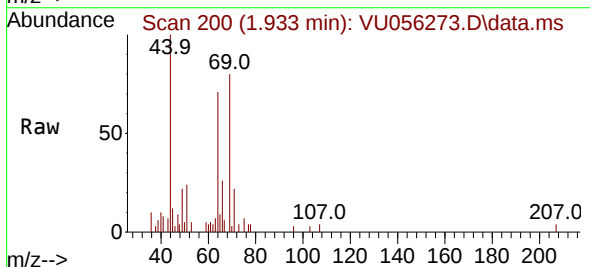
Instrument :
MSVOA_U
ClientSampleId :
GCDP1

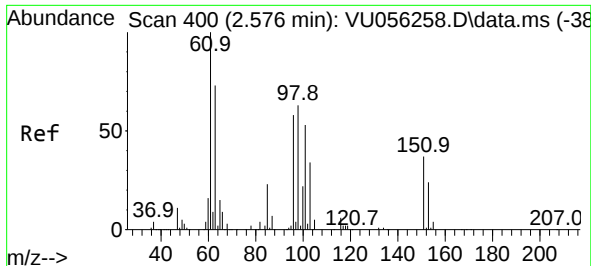
Tgt Ion: 50 Resp: 6791
Ion Ratio Lower Upper
50 100
52 35.3 24.3 45.1



#8
Chloroethane
Concen: 0.241 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Tgt Ion: 64 Resp: 3437
Ion Ratio Lower Upper
64 100
66 45.8 23.9 44.5#

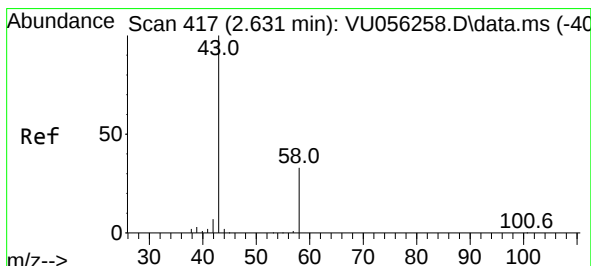
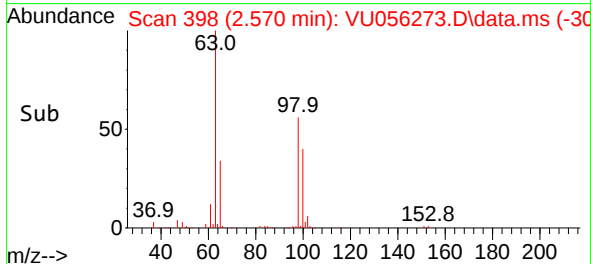
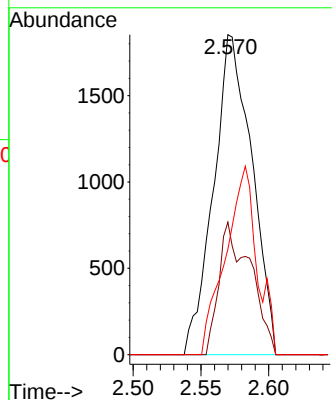
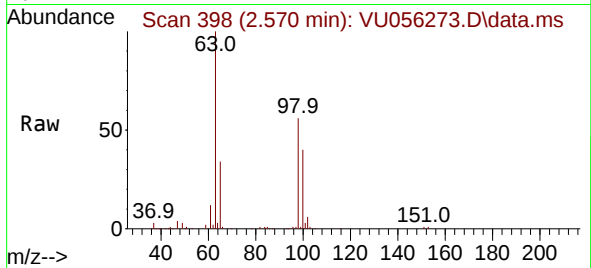




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.182 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

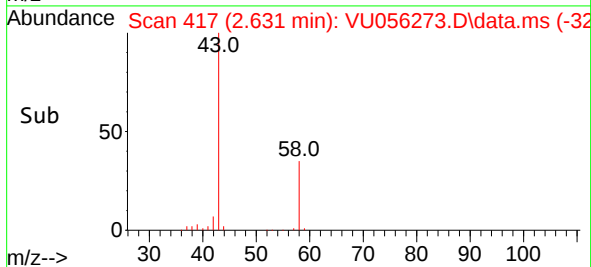
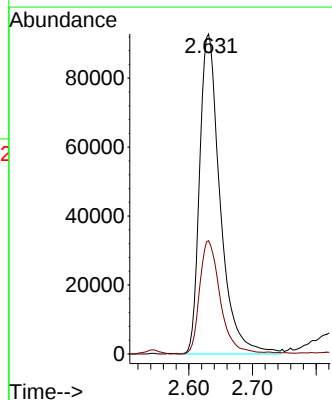
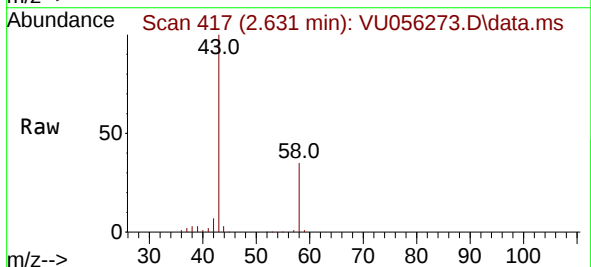
Instrument :
MSVOA_U
ClientSampleId :
GCDP1

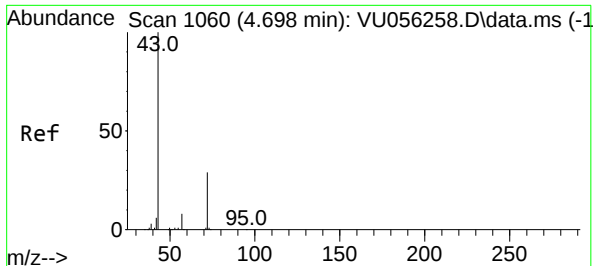
Tgt Ion:101 Resp: 3645
Ion Ratio Lower Upper
101 100
85 34.1 35.4 53.0#
151 48.4 58.0 87.0#



#13
Acetone
Concen: 54.729 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Tgt Ion: 43 Resp: 208403
Ion Ratio Lower Upper
43 100
58 35.4 0.0 70.0

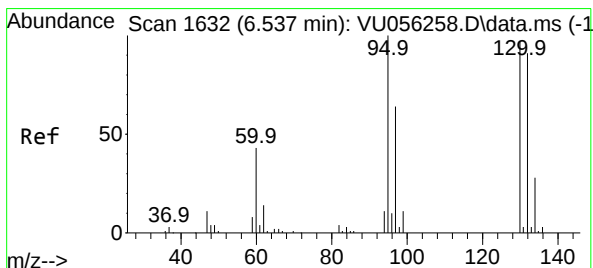
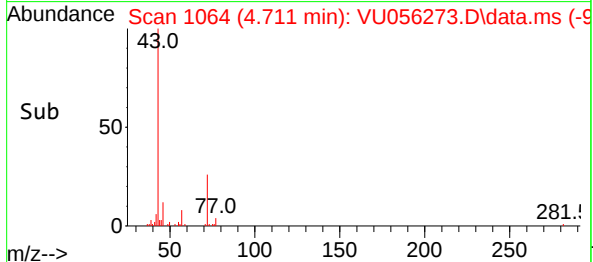
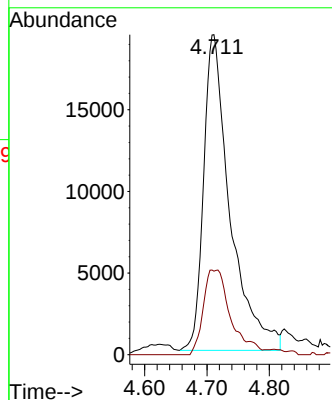
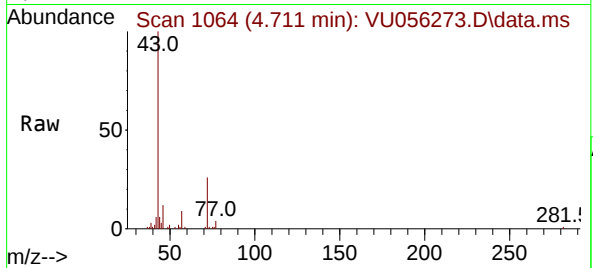




#21
2-Butanone
Concen: 11.546 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

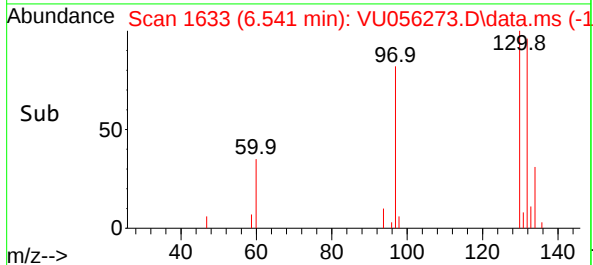
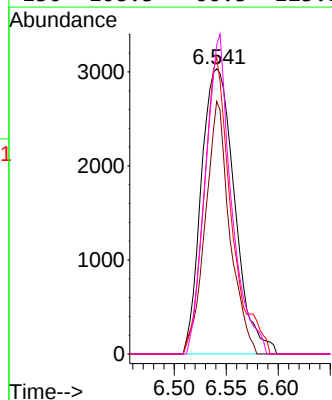
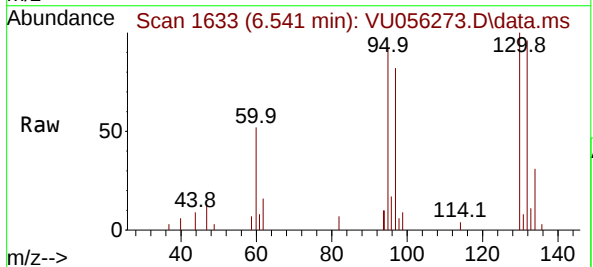
Instrument :
MSVOA_U
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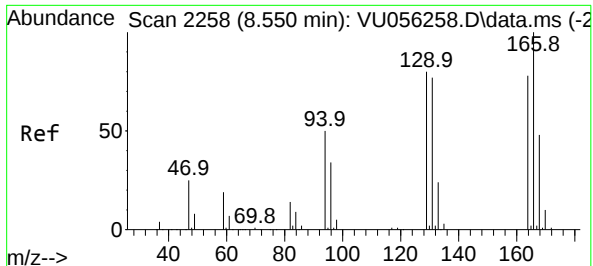
Tgt Ion: 43 Resp: 57049
Ion Ratio Lower Upper
43 100
72 27.8 14.2 42.6



#34
Trichloroethene
Concen: 0.291 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Tgt Ion: 95 Resp: 6760
Ion Ratio Lower Upper
95 100
97 88.5 46.5 86.3#
132 103.9 62.0 115.2
130 108.3 66.3 123.1





#47
 Tetrachloroethene
 Concen: 0.830 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056273.D
 Acq: 14 Nov 2023 00:07

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164	Resp:	13016
Ion	Ratio	Lower Upper
164	100	
129	107.1	71.0 131.9
131	101.2	70.3 130.7
166	125.3	89.8 166.8

