

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055840.D
 Acq On : 20 Oct 2023 18:16
 Operator : MD/SY
 Sample : 04947-05DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

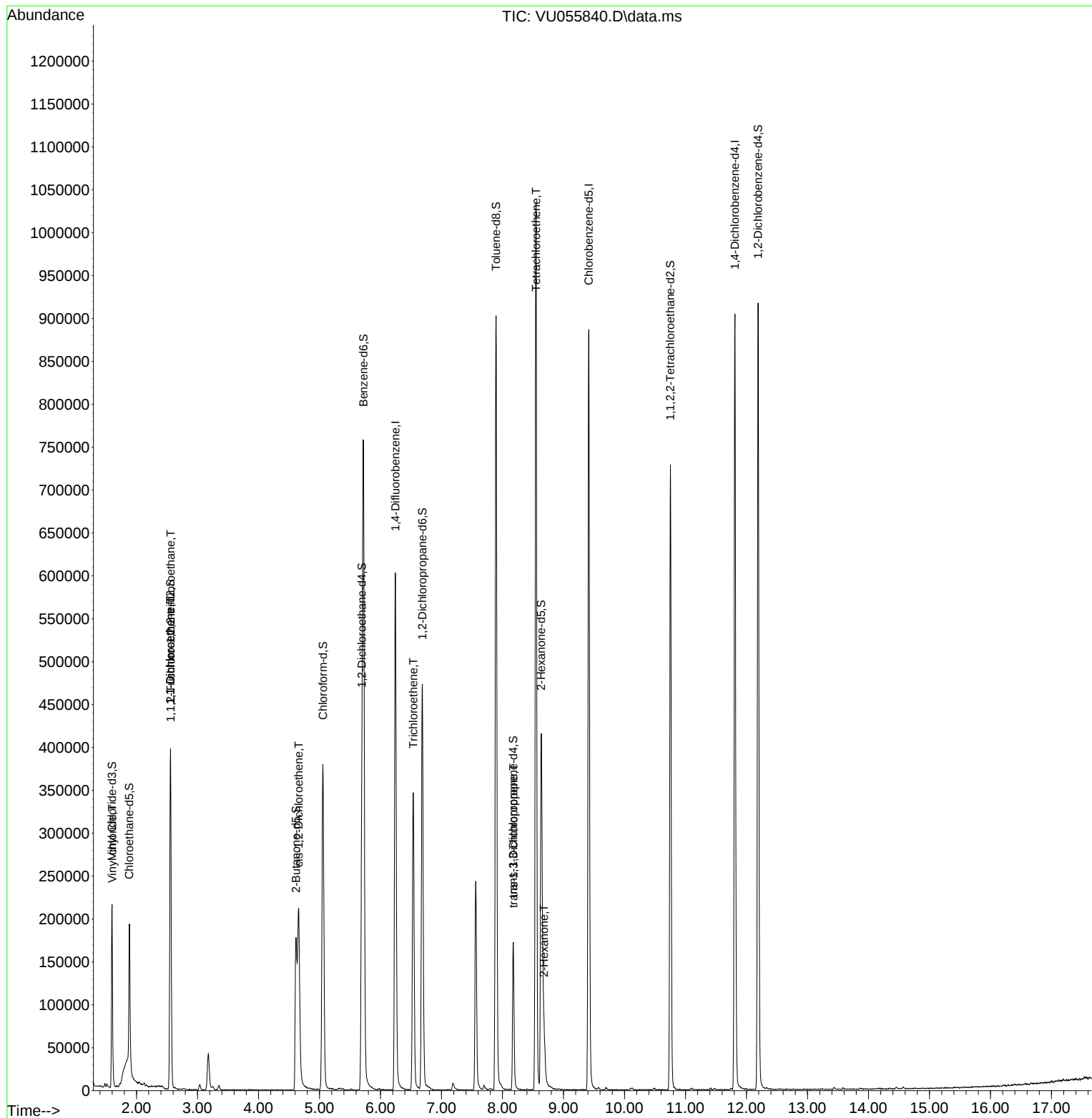
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	490823	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	494262	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	237503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	160050	36.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.700%
7) Chloroethane-d5	1.882	69	145281	40.371	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.740%
11) 1,1-Dichloroethene-d2	2.557	63	240809	30.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.360%
21) 2-Butanone-d5	4.615	46	277999	85.219	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.220%
24) Chloroform-d	5.055	84	362075	42.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	236088	45.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
32) Benzene-d6	5.721	84	712158	45.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.060%
36) 1,2-Dichloropropane-d6	6.685	67	228367	45.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.894	98	618297	43.299	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	100058	41.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.220%
47) 2-Hexanone-d5	8.634	63	143349	72.834	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.830%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	367366	47.672	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.340%
66) 1,2-Dichlorobenzene-d4	12.190	152	243773	51.722	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.440%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	6281	1.476	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	2746	0.702	ug/L #	24
12) 1,1-Dichloroethene	2.557	96	2301	0.661	ug/L #	1
20) cis-1,2-Dichloroethene	4.660	96	94971	23.387	ug/L	98
34) Trichloroethene	6.537	95	120416	28.167	ug/L	97
44) trans-1,3-Dichloropropene	8.180	75	5285	0.844	ug/L #	81
46) Tetrachloroethene	8.550	164	225021	73.518	ug/L	98
48) 2-Hexanone	8.682	43	27864	5.512	ug/L #	73

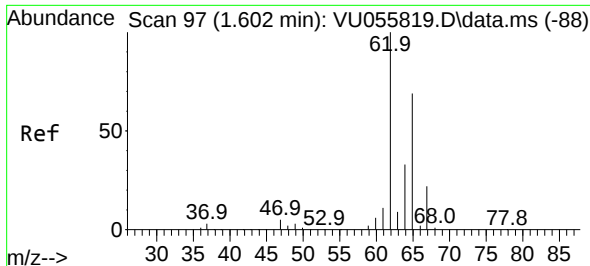
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
Data File : VU055840.D
Acq On : 20 Oct 2023 18:16
Operator : MD/SY
Sample : 04947-05DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 01:09:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration

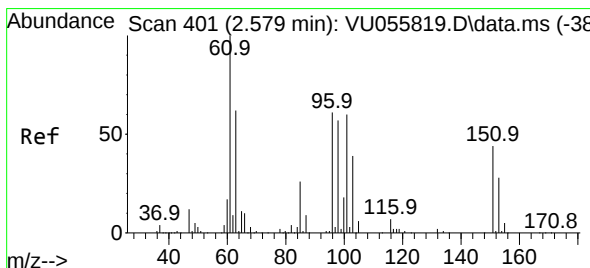
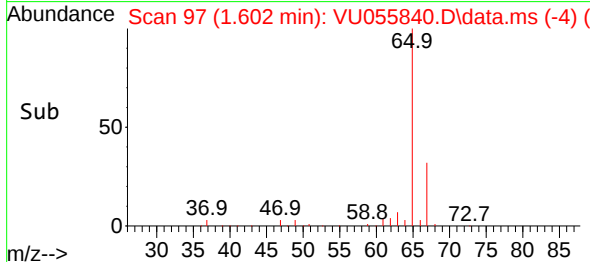
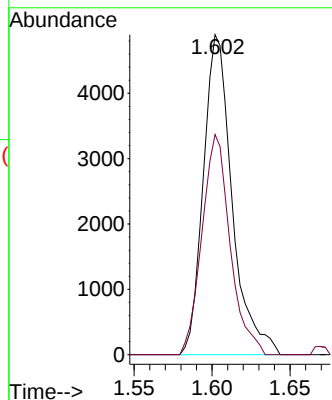
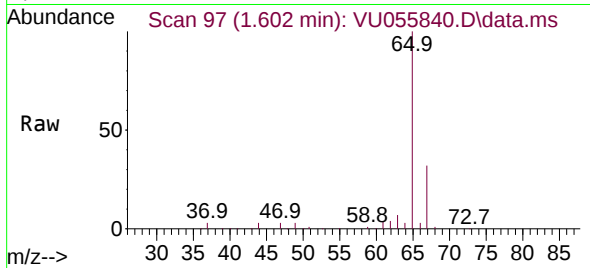




#5
 Vinyl chloride
 Concen: 1.476 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055840.D
 Acq: 20 Oct 2023 18:16

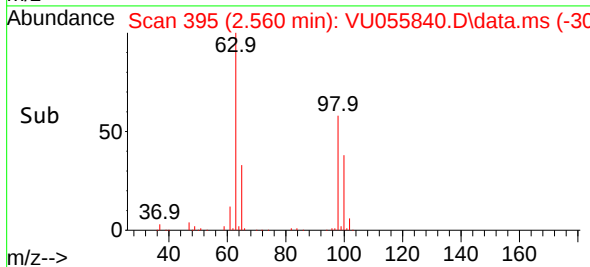
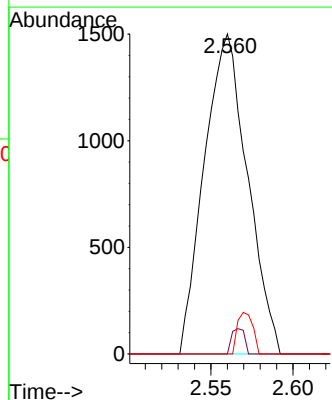
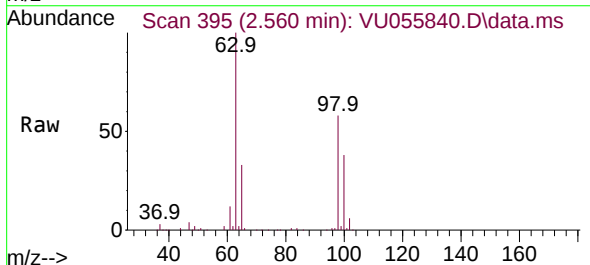
Instrument :
 MSVOA_U
 ClientSampleId :

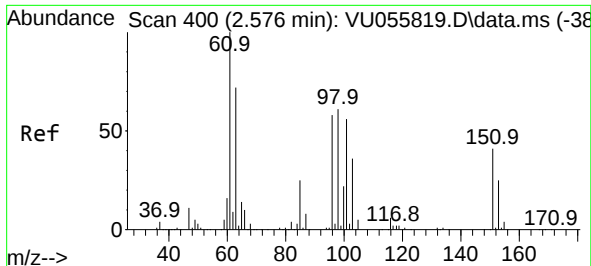
Tgt Ion: 62 Resp: 6281
 Ion Ratio Lower Upper
 62 100
 64 68.8 23.9 44.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.702 ug/L
 RT: 2.560 min Scan# 395
 Delta R.T. -0.019 min
 Lab File: VU055840.D
 Acq: 20 Oct 2023 18:16

Tgt Ion: 101 Resp: 2746
 Ion Ratio Lower Upper
 101 100
 85 2.4 37.1 55.7#
 151 4.6 58.2 87.4#

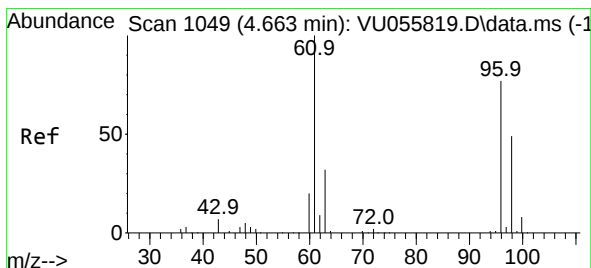
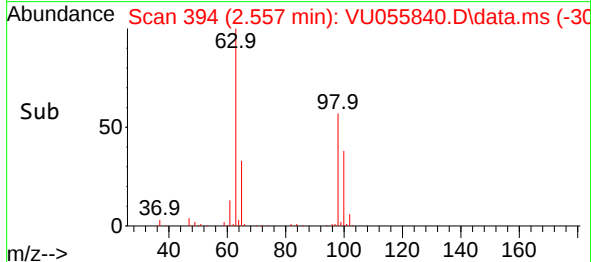
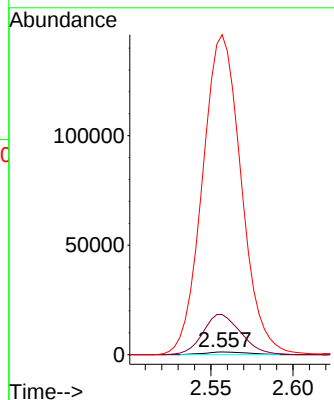
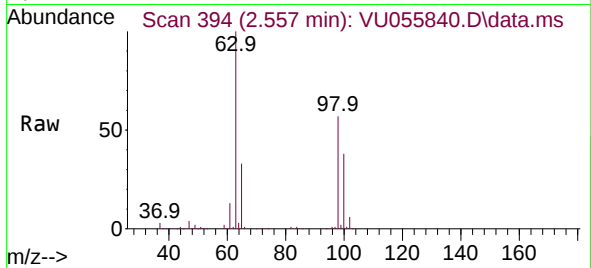




#12
1,1-Dichloroethene
Concen: 0.661 ug/L
RT: 2.557 min Scan# 394
Delta R.T. -0.019 min
Lab File: VU055840.D
Acq: 20 Oct 2023 18:16

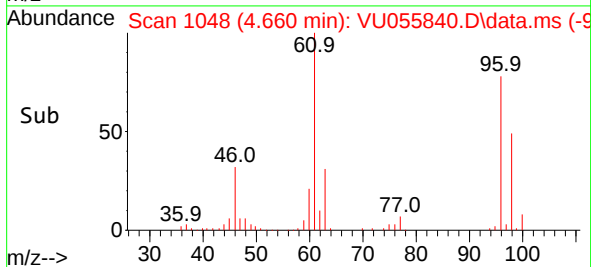
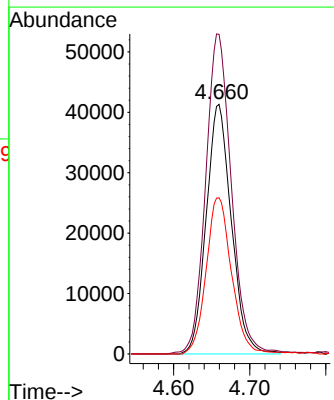
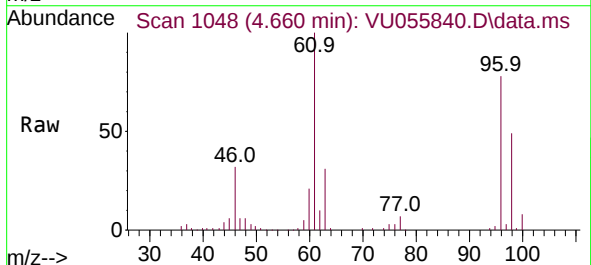
Instrument :
MSVOA_U
ClientSampleId :

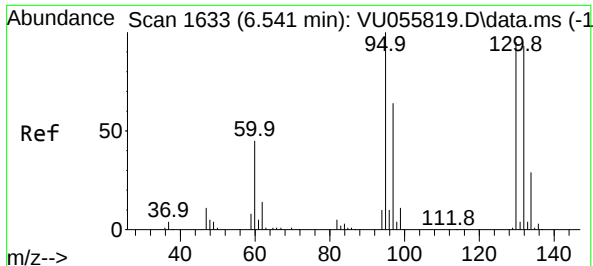
Tgt Ion: 96 Resp: 2301
Ion Ratio Lower Upper
96 100
61 1490.8 122.0 226.6#
63 11869.4 93.7 174.1#



#20
cis-1,2-Dichloroethene
Concen: 23.387 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055840.D
Acq: 20 Oct 2023 18:16

Tgt Ion: 96 Resp: 94971
Ion Ratio Lower Upper
96 100
61 128.1 92.3 171.5
98 62.5 43.9 81.5

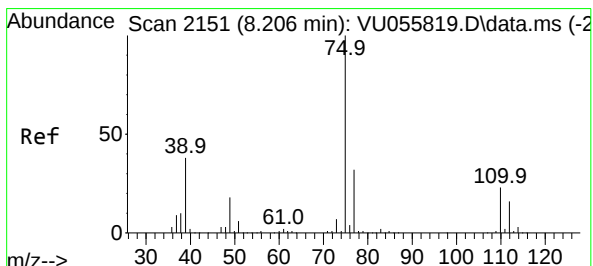
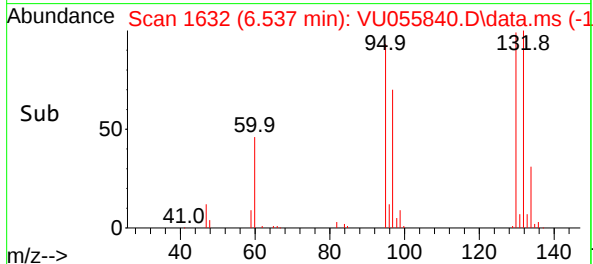
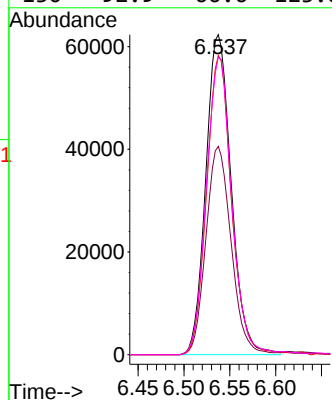
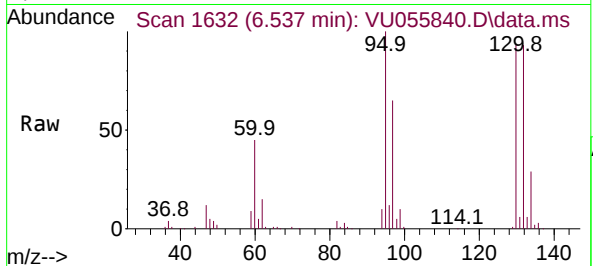




#34
Trichloroethene
Concen: 28.167 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055840.D
Acq: 20 Oct 2023 18:16

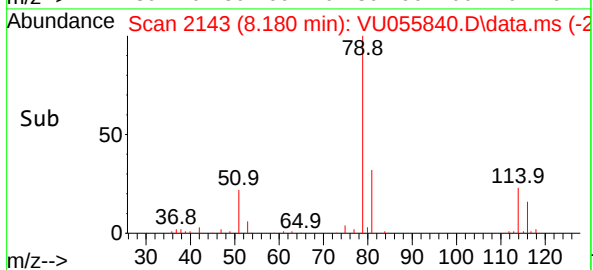
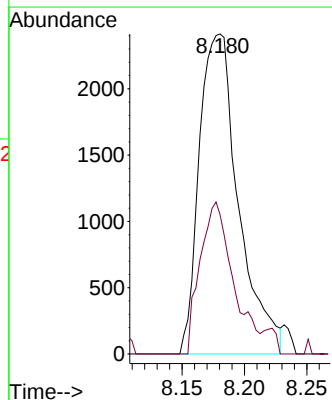
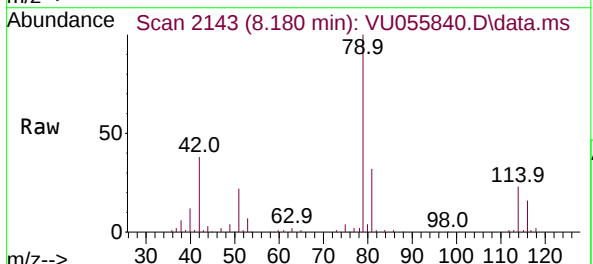
Instrument :
MSVOA_U
ClientSampleId :

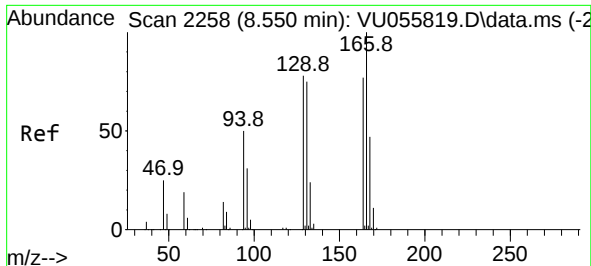
Tgt Ion: 95 Resp: 120416
Ion Ratio Lower Upper
95 100
97 65.1 44.4 82.5
132 93.4 61.8 114.8
130 92.9 66.6 123.8



#44
trans-1,3-Dichloropropene
Concen: 0.844 ug/L
RT: 8.180 min Scan# 2143
Delta R.T. -0.026 min
Lab File: VU055840.D
Acq: 20 Oct 2023 18:16

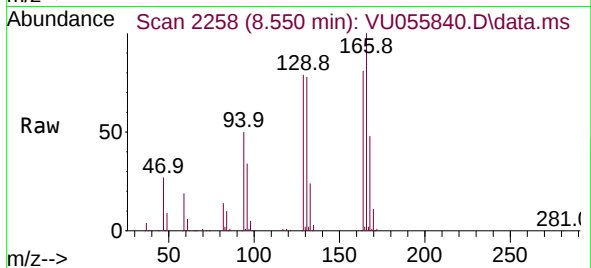
Tgt Ion: 75 Resp: 5285
Ion Ratio Lower Upper
75 100
77 41.4 21.6 40.2#



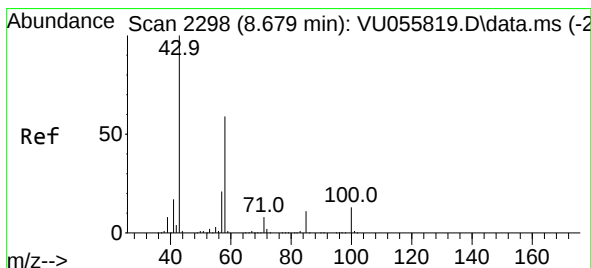
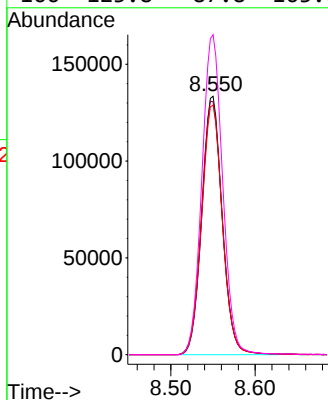
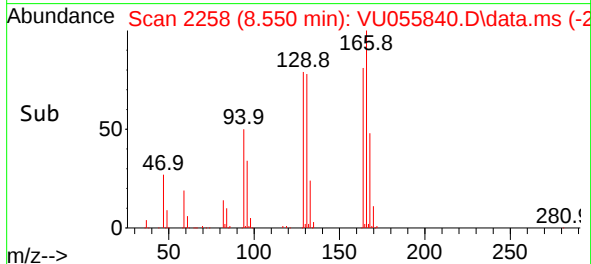


#46
Tetrachloroethene
Concen: 73.518 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055840.D
Acq: 20 Oct 2023 18:16

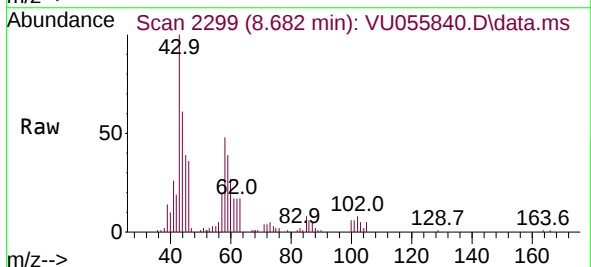
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 225021
Ion Ratio Lower Upper
164 100
129 97.9 70.7 131.3
131 96.6 65.9 122.5
166 123.8 87.8 163.0



#48
2-Hexanone
Concen: 5.512 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055840.D
Acq: 20 Oct 2023 18:16



Tgt Ion: 43 Resp: 27864
Ion Ratio Lower Upper
43 100
58 30.8 45.2 67.8#
57 15.6 16.1 24.1#
100 4.2 9.7 14.5#

