

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101623\
 Data File : VU055776.D
 Acq On : 16 Oct 2023 16:49
 Operator : MD/SY
 Sample : 04874-04 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 17 05:09:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 17 05:06:35 2023
 Response via : Initial Calibration

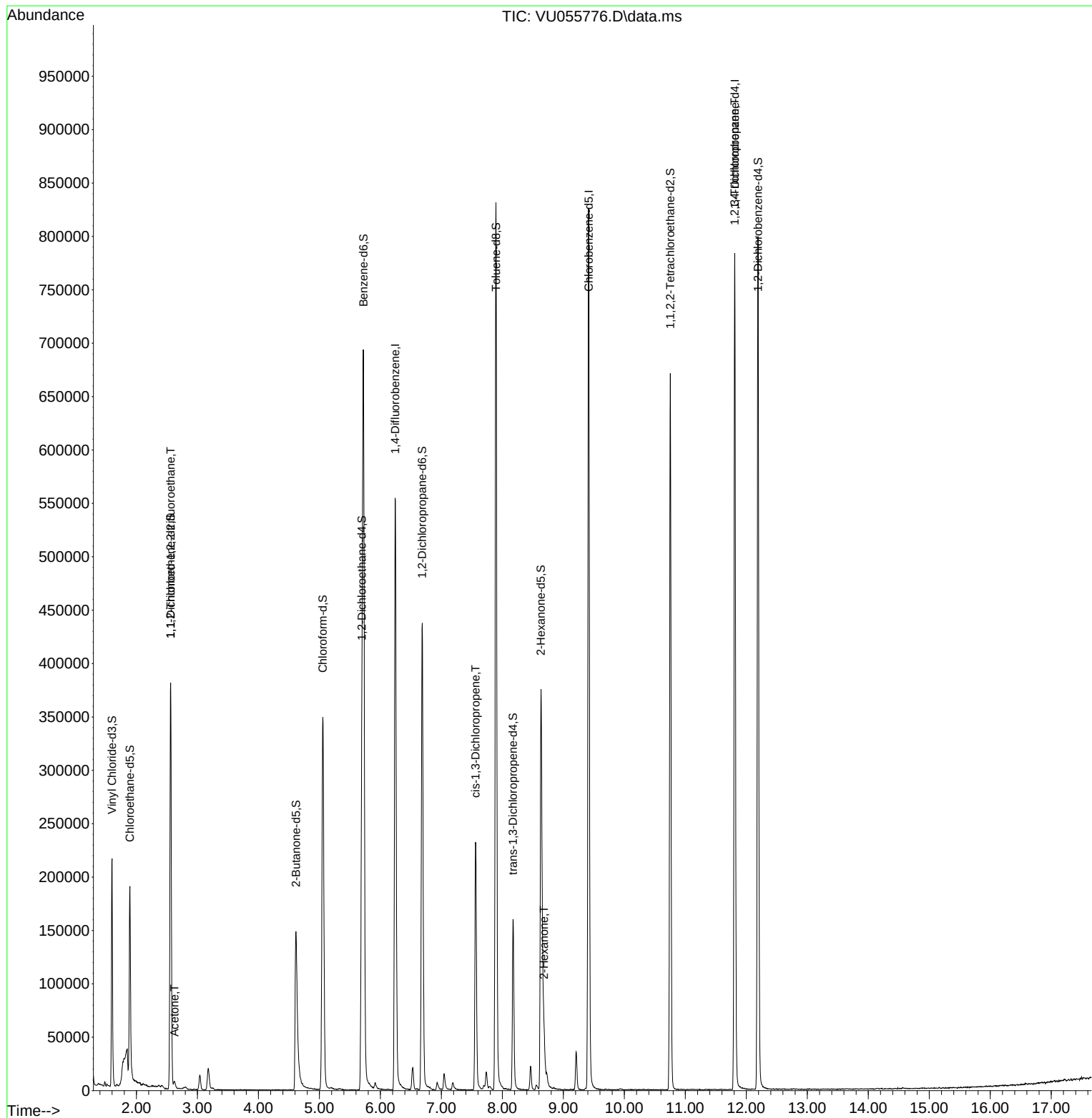
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	442806	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	452649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	207553	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	162710	40.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.940%
7) Chloroethane-d5	1.891	69	143113	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	2.560	63	229527	32.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.820%
21) 2-Butanone-d5	4.615	46	228355	77.592	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.590%
24) Chloroform-d	5.055	84	333568	43.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
26) 1,2-Dichloroethane-d4	5.695	65	222843	47.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
32) Benzene-d6	5.721	84	647865	44.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	6.685	67	207395	45.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.460%
41) Toluene-d8	7.894	98	567763	43.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	8.174	79	89678	40.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.440%
47) 2-Hexanone-d5	8.631	63	114581	63.569	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.570%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	322677	45.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	12.190	152	205236	49.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.660%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	2186	0.620	ug/L #	20
13) Acetone	2.621	43	7527	2.756	ug/L	95
39) cis-1,3-Dichloropropene	7.560	75	6823	1.138	ug/L #	64
48) 2-Hexanone	8.682	43	27394	5.917	ug/L #	38
60) 1,2,3-Trichloropropane	11.807	75	27139	6.025	ug/L #	69

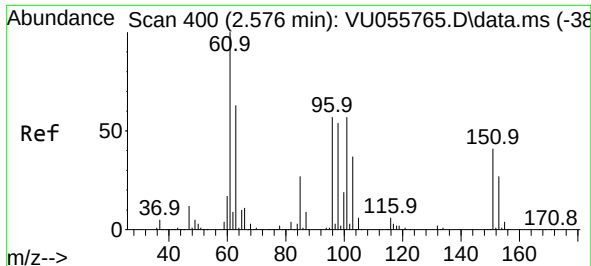
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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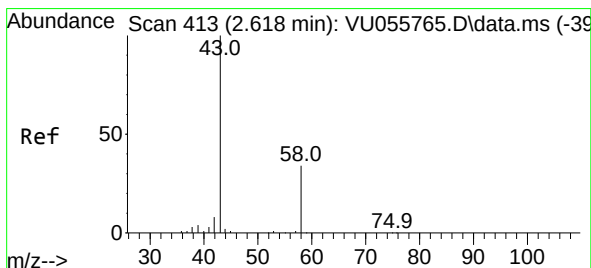
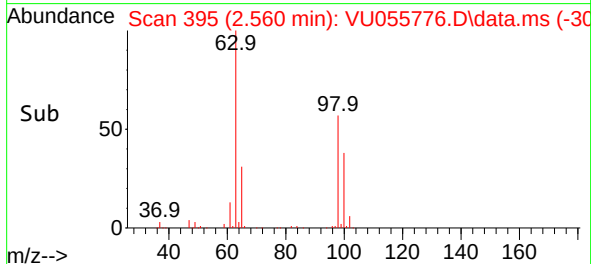
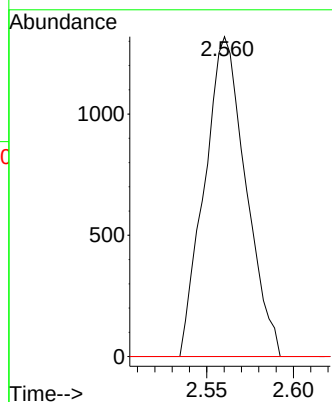
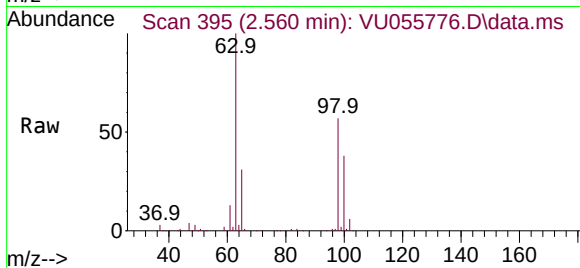




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.620 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.016 min
Lab File: VU055776.D
Acq: 16 Oct 2023 16:49

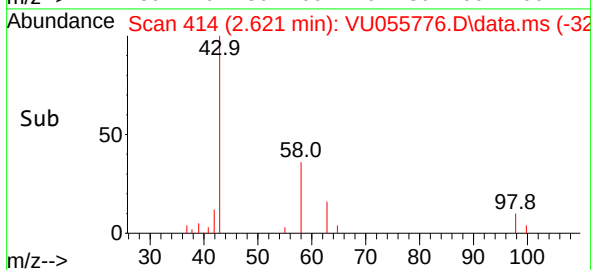
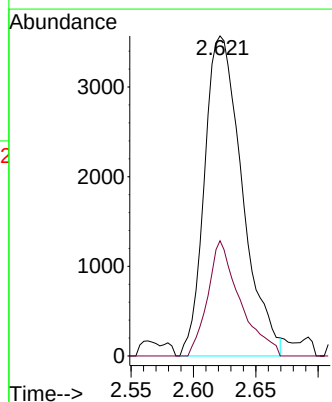
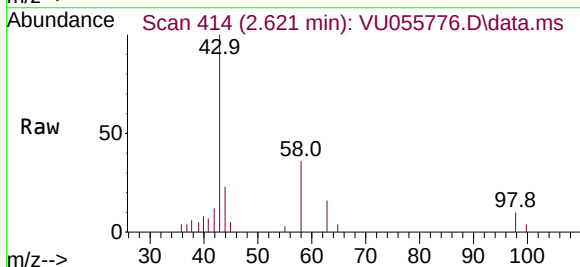
Instrument :
MSVOA_U
ClientSampleId :

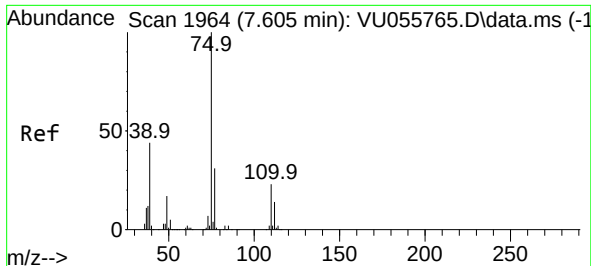
Tgt Ion:101 Resp: 2186
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 58.2 87.4#



#13
Acetone
Concen: 2.756 ug/L
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU055776.D
Acq: 16 Oct 2023 16:49

Tgt Ion: 43 Resp: 7527
Ion Ratio Lower Upper
43 100
58 30.8 0.0 67.4





#39

cis-1,3-Dichloropropene

Concen: 1.138 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU055776.D

Acq: 16 Oct 2023 16:49

Instrument :

MSVOA_U

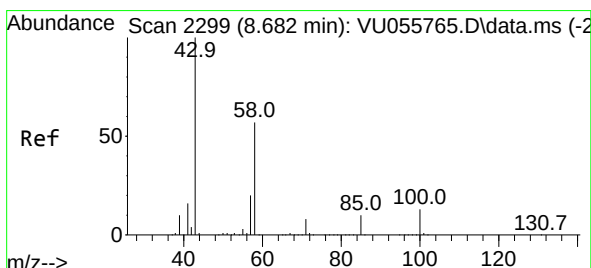
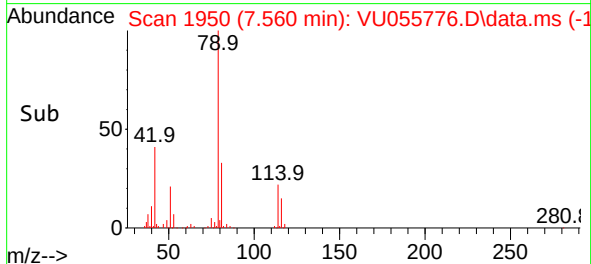
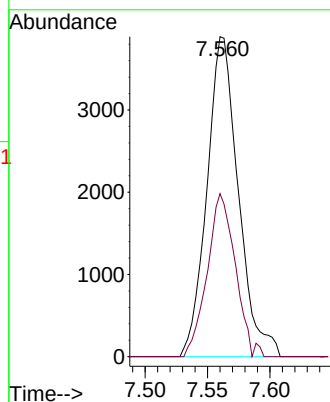
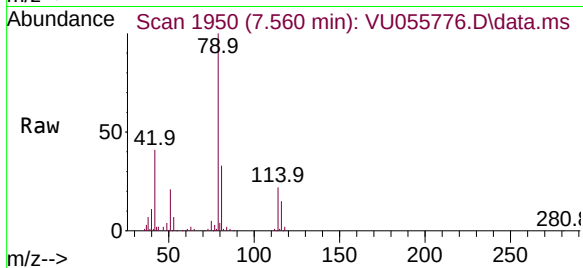
ClientSampleId :

Tgt Ion: 75 Resp: 6823

Ion Ratio Lower Upper

75 100

77 51.0 21.7 40.3#



#48

2-Hexanone

Concen: 5.917 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055776.D

Acq: 16 Oct 2023 16:49

Tgt Ion: 43 Resp: 27394

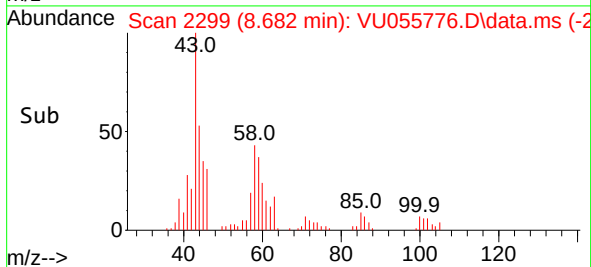
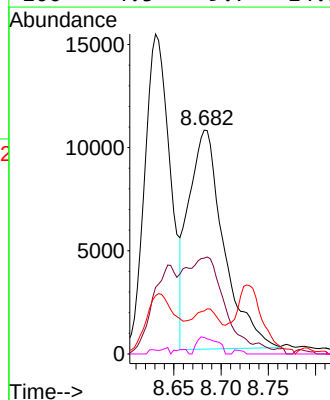
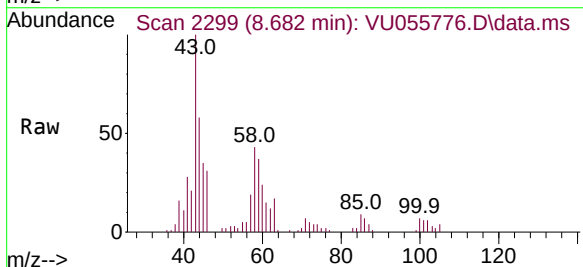
Ion Ratio Lower Upper

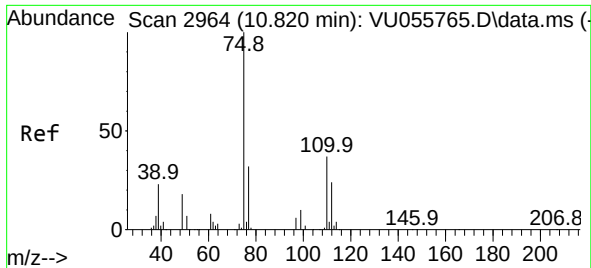
43 100

58 0.0 45.2 67.8#

57 0.0 16.1 24.1#

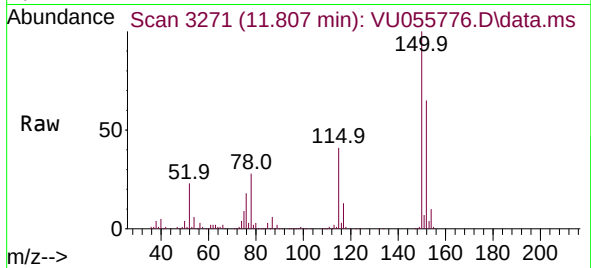
100 4.5 9.7 14.5#





#60
 1,2,3-Trichloropropane
 Concen: 6.025 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055776.D
 Acq: 16 Oct 2023 16:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	27139
Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.8	38.8
110	2.2	28.5	42.7#

