

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071923\
 Data File : VU054822.D
 Acq On : 19 Jul 2023 16:09
 Operator : MD/SY
 Sample : 03656-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 20 02:35:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 20 02:33:27 2023
 Response via : Initial Calibration

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

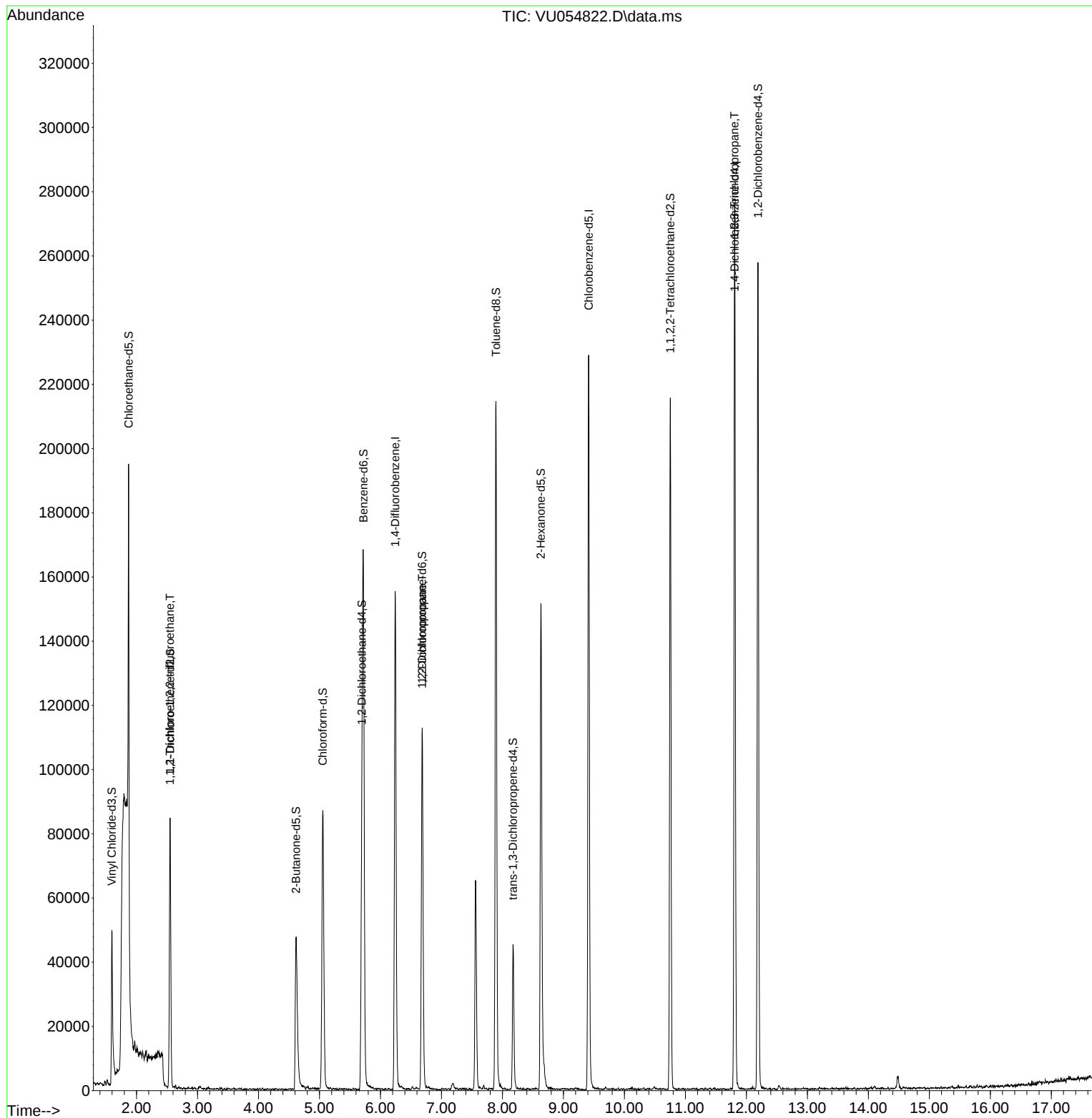
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132884	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	127428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40879	39.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.600%
7) Chloroethane-d5	1.872	69	66435	64.663	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.320%
11) 1,1-Dichloroethene-d2	2.551	63	45453	30.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.700%
21) 2-Butanone-d5	4.615	46	70285	106.466	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.470%
24) Chloroform-d	5.055	84	78314	48.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	5.695	65	49945	52.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
32) Benzene-d6	5.721	84	154157	50.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
36) 1,2-Dichloropropane-d6	6.685	67	54286	53.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.220%
41) Toluene-d8	7.894	98	144088	49.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.640%
43) trans-1,3-Dichloroprop...	8.174	79	24801	47.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.860%
47) 2-Hexanone-d5	8.631	63	53902	111.567	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.570%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104686	55.764	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.520%
66) 1,2-Dichlorobenzene-d4	12.190	152	65647	55.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.547	101	561	0.638	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6184	6.159	ug/L #	88
60) 1,2,3-Trichloropropane	11.804	75	9121	6.750	ug/L #	69

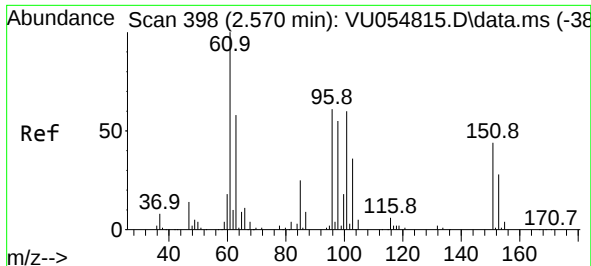
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071923\
Data File : VU054822.D
Acq On : 19 Jul 2023 16:09
Operator : MD/SY
Sample : 03656-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Time: Jul 20 02:35:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 20 02:33:27 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.638 ug/L

RT: 2.547 min Scan# 398

Delta R.T. -0.022 min

Lab File: VU054822.D

Acq: 19 Jul 2023 16:09

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

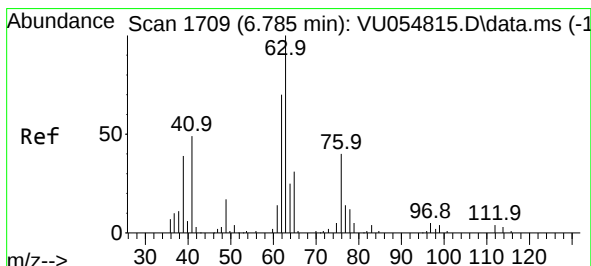
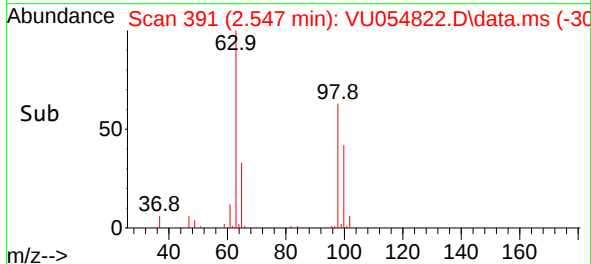
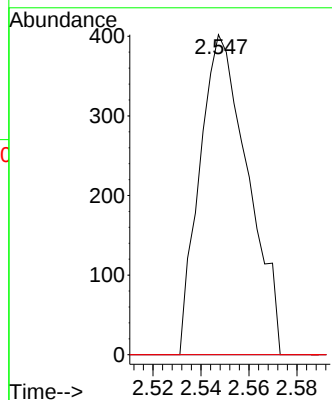
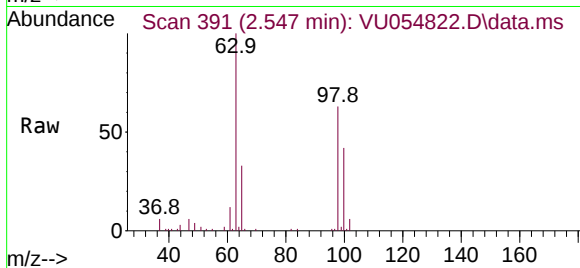
Tgt Ion:101 Resp: 561

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 58.2 87.4#



#37

1,2-Dichloropropane

Concen: 6.159 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU054822.D

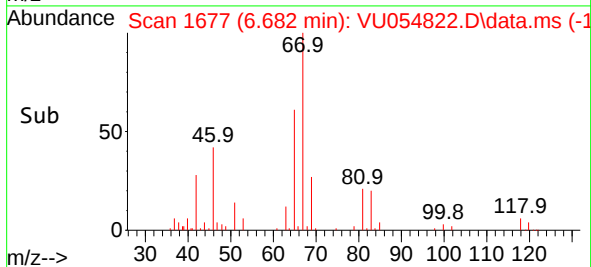
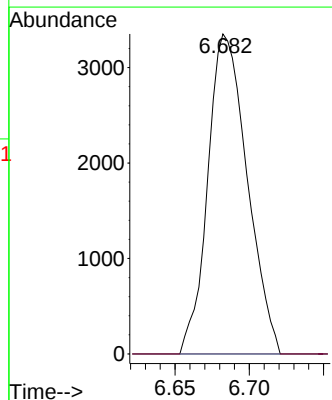
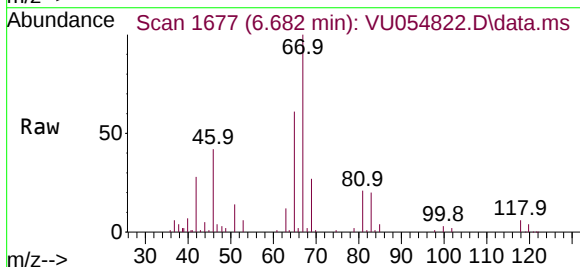
Acq: 19 Jul 2023 16:09

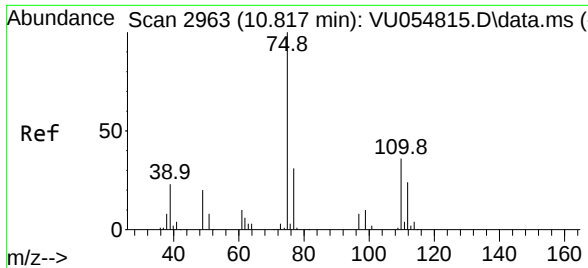
Tgt Ion: 63 Resp: 6184

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#60
 1,2,3-Trichloropropane
 Concen: 6.750 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054822.D
 Acq: 19 Jul 2023 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75	Resp:	9121
Ion Ratio	Lower	Upper
75	100	
77	31.6	26.2 39.4
110	3.8	29.9 44.9#

