

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052323.D
 Acq On : 10 Dec 2022 00:05
 Operator : JC/MD
 Sample : N5979-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER3

Quant Time: Dec 10 03:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

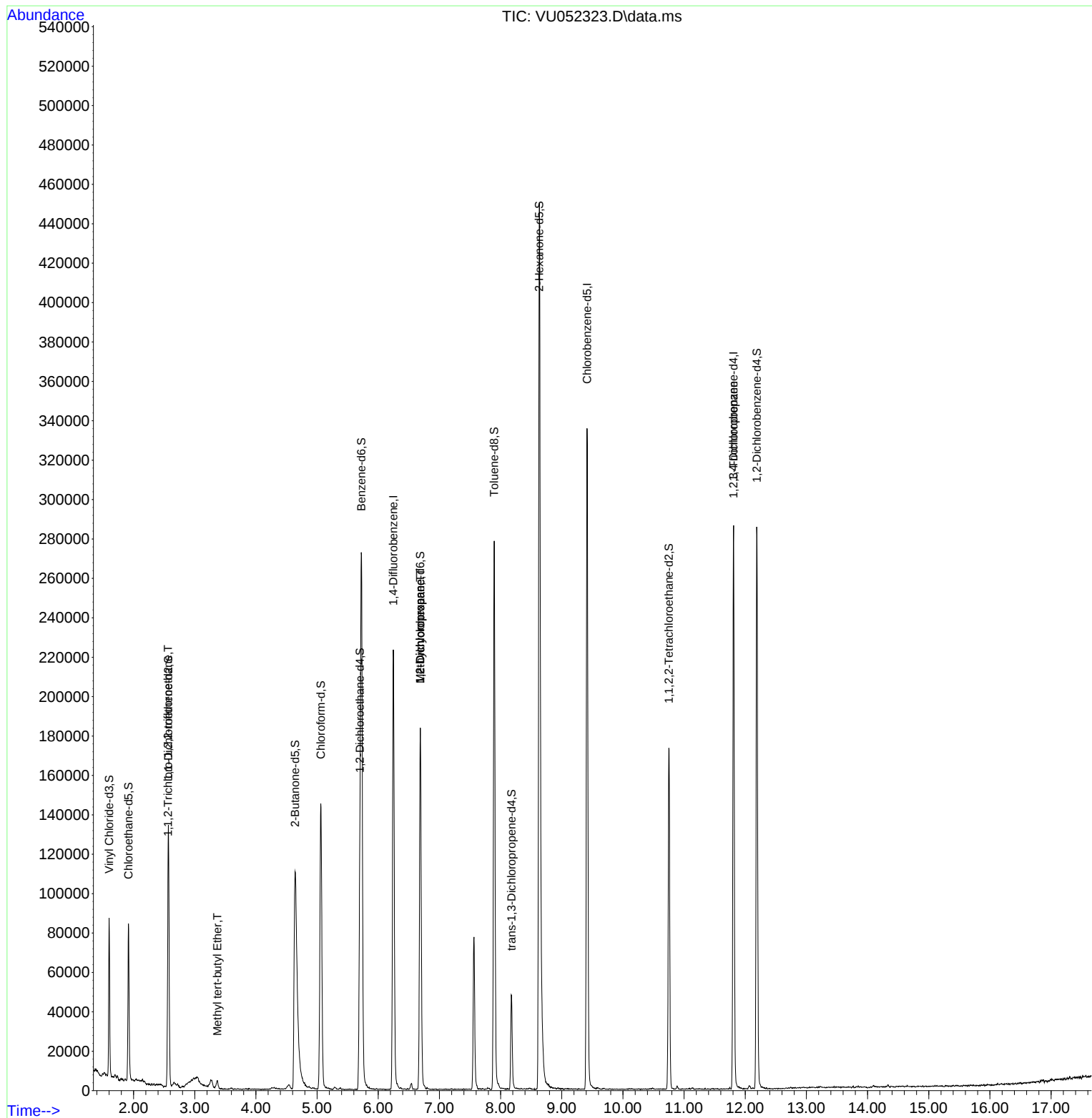
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	197207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58792	3.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.915	69	60643	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.568	65	25064	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.642	46	238713	72.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.880%#
24) Chloroform-d	5.060	84	138670	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	76639	5.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
32) Benzene-d6	5.726	84	265068	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.687	67	94603	5.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.896	98	198934	3.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.179	79	28624	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.632	63	154038	55.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91859	5.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	80208	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	818	0.060	ug/L #	20
17) Methyl tert-butyl Ether	3.369	73	3932	0.130	ug/L	97
35) Methylcyclohexane	6.687	83	21450	0.931	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9515	0.573	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	9478	1.048	ug/L #	68

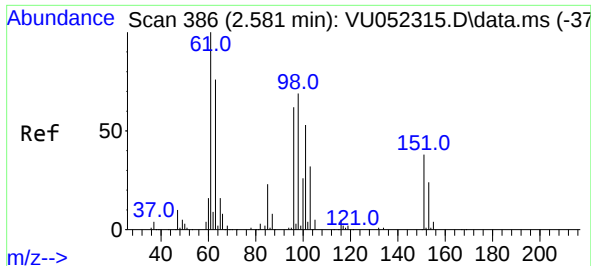
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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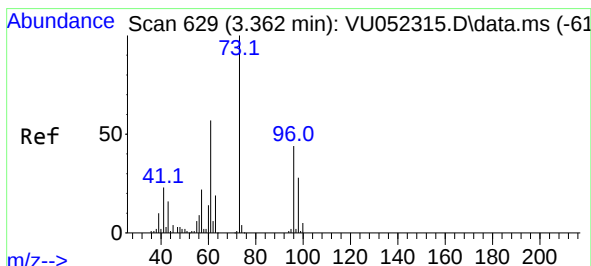
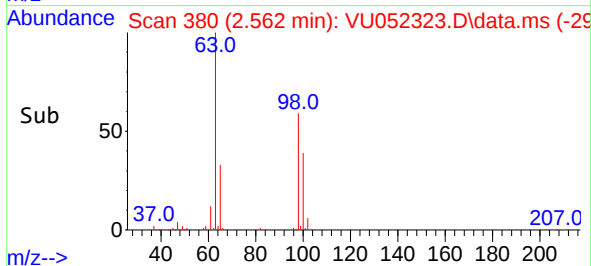
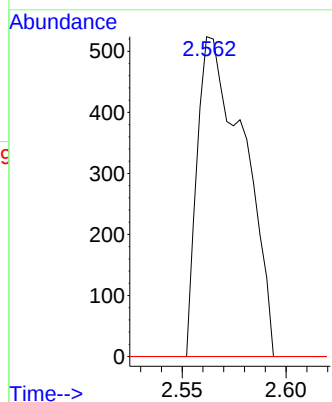
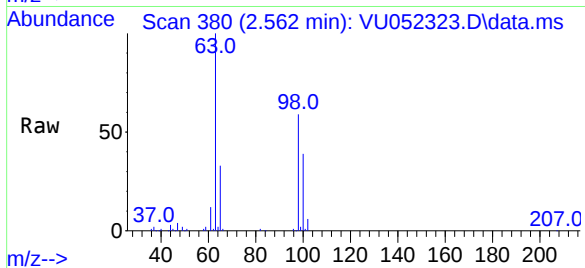




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU052323.D
Acq: 10 Dec 2022 00:05

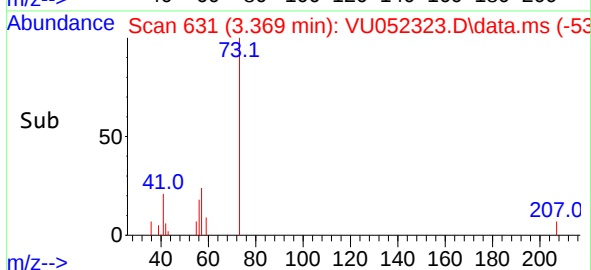
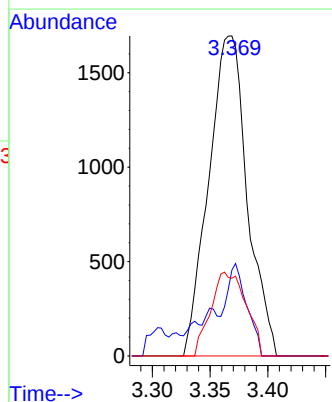
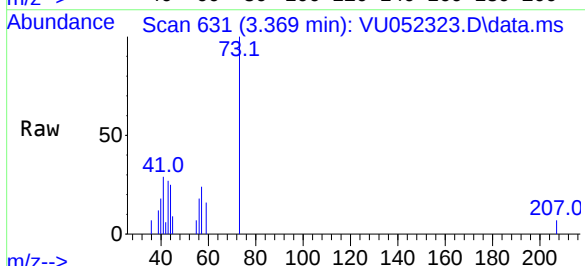
Instrument :
MSVOA_U
ClientSampleId :
C0ER3

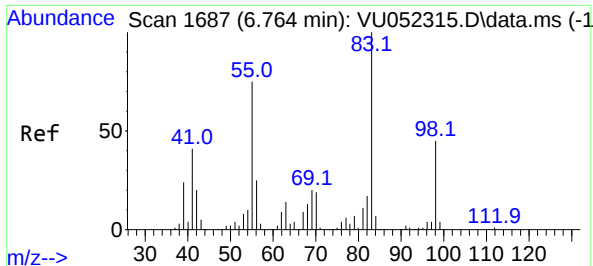
Tgt Ion:101 Resp: 818
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU052323.D
Acq: 10 Dec 2022 00:05

Tgt Ion: 73 Resp: 3932
Ion Ratio Lower Upper
73 100
43 15.0 13.2 19.8
57 23.9 17.8 26.8





#35

Methylcyclohexane

Concen: 0.931 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052323.D

Acq: 10 Dec 2022 00:05

Instrument :

MSVOA_U

ClientSampleId :

C0ER3

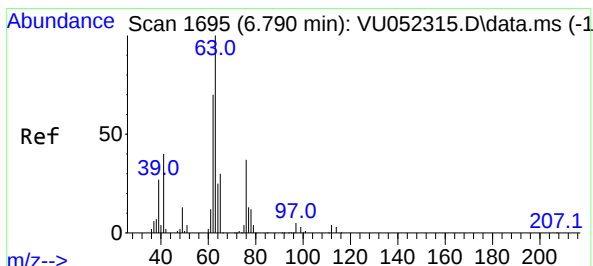
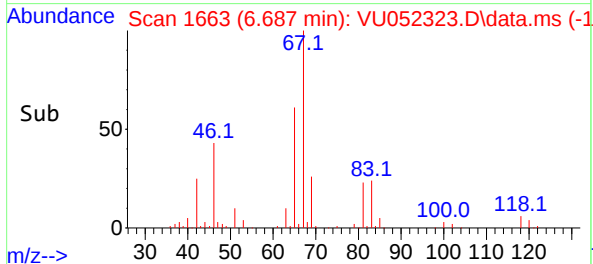
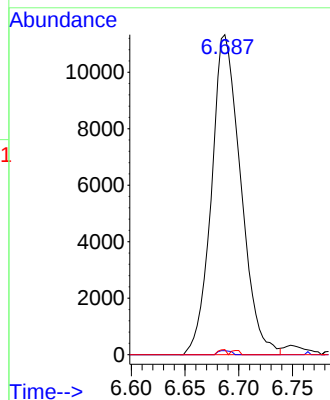
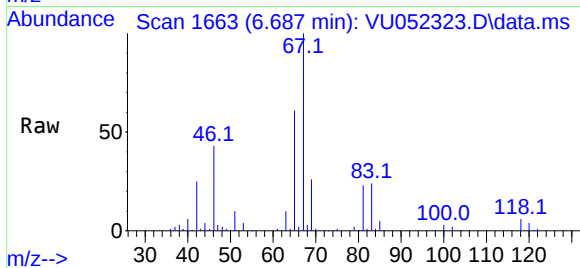
Tgt Ion: 83 Resp: 21450

Ion Ratio Lower Upper

83 100

55 0.6 60.8 91.2#

98 0.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052323.D

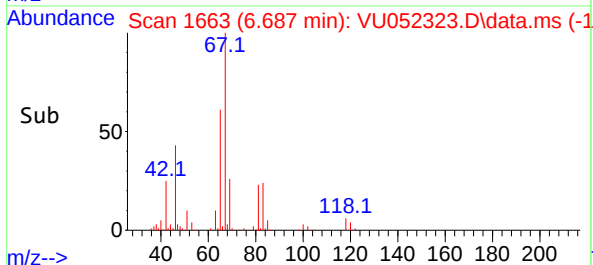
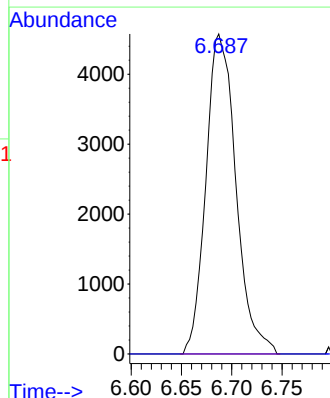
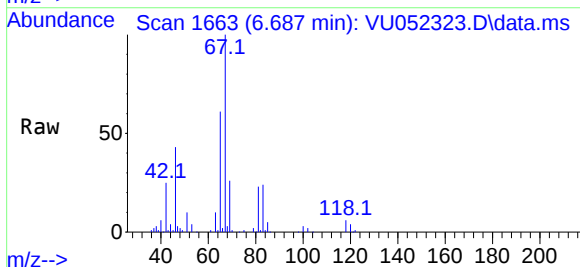
Acq: 10 Dec 2022 00:05

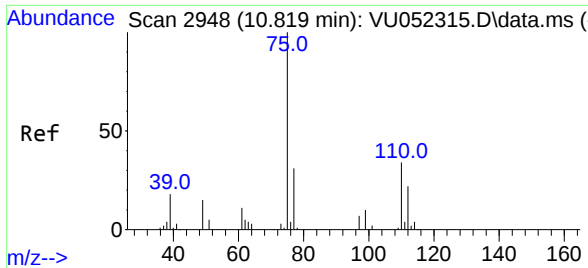
Tgt Ion: 63 Resp: 9515

Ion Ratio Lower Upper

63 100

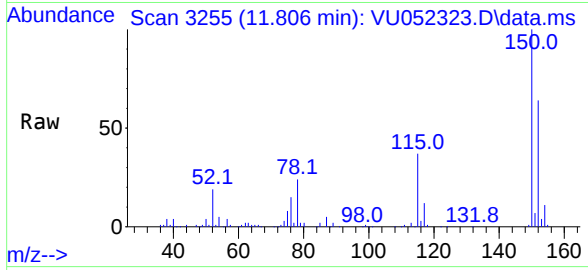
112 0.5 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.048 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052323.D
 Acq: 10 Dec 2022 00:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER3



Tgt Ion: 75 Resp: 9478

Ion	Ratio	Lower	Upper
75	100		
110	1.7	28.3	42.5#
77	30.2	26.2	39.2

