

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052299.D
 Acq On : 09 Dec 2022 14:14
 Operator : JC/MD
 Sample : N5958-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EK1

Quant Time: Dec 09 23:11:53 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)

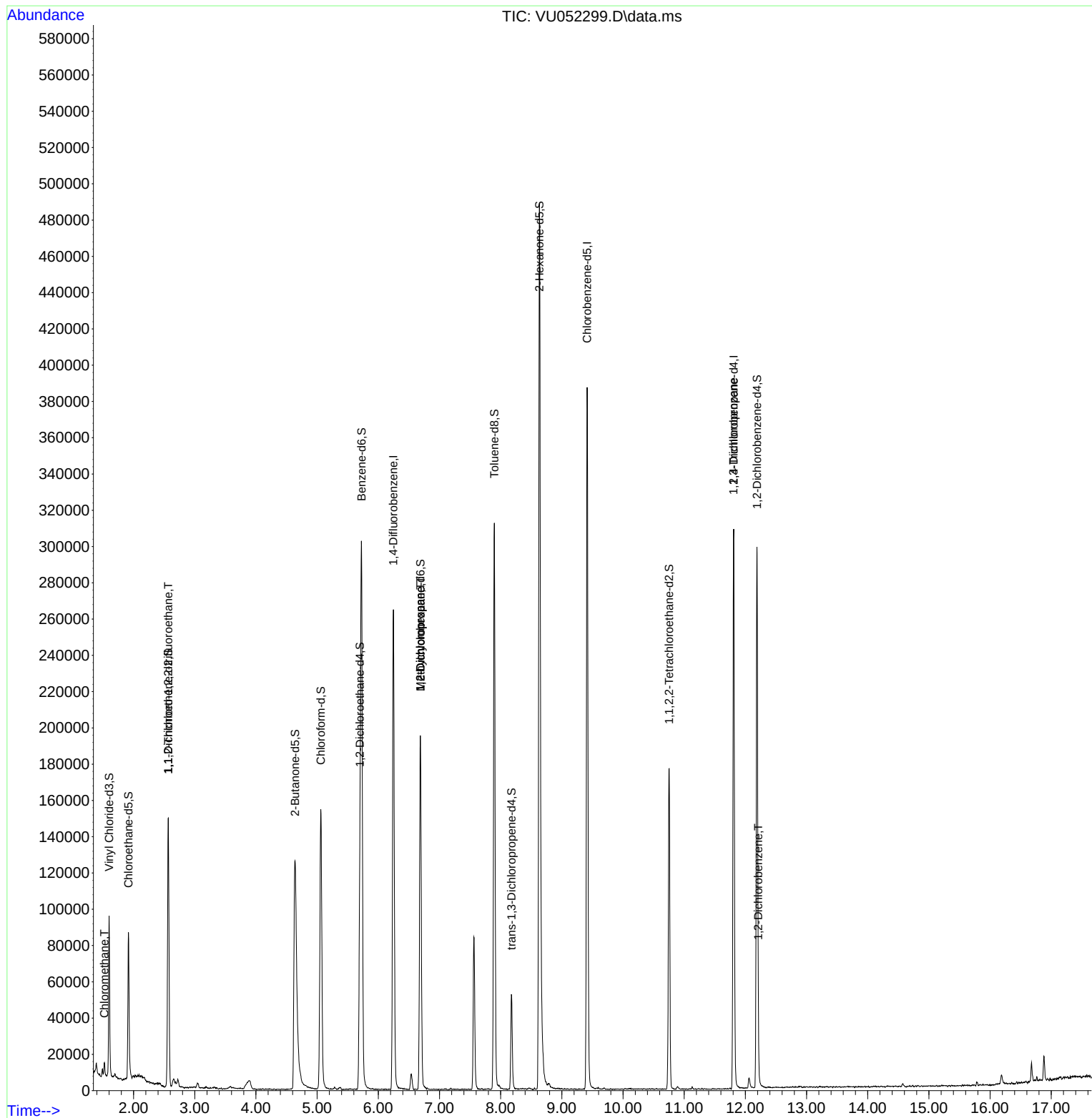
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	221668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	67030	3.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.916	69	65614	3.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.565	65	27902	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.639	46	248306	63.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.480%
24) Chloroform-d	5.060	84	148976	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.700	65	78698	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.726	84	290665	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.687	67	100199	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.896	98	216158	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.176	79	31570	4.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.632	63	171021	54.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93753	5.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	81900	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	5637	0.225	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1038	0.064	ug/L #	20
35) Methylcyclohexane	6.687	83	22358	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10026	0.537	ug/L #	88
61) 1,2,3-Trichloropropane	11.806	75	10548	1.089	ug/L #	69
67) 1,2-Dichlorobenzene	12.211	146	4980	0.191	ug/L	97

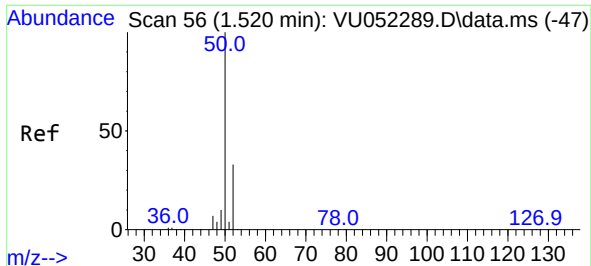
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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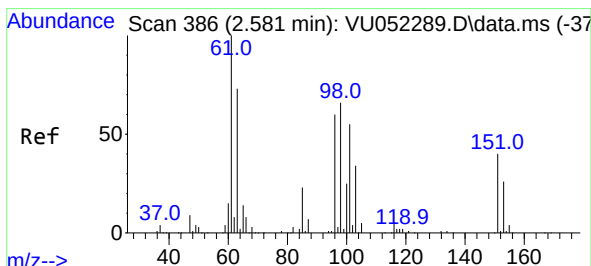
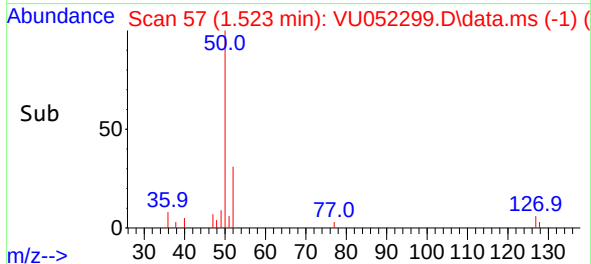
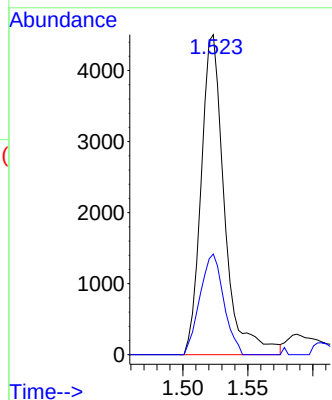
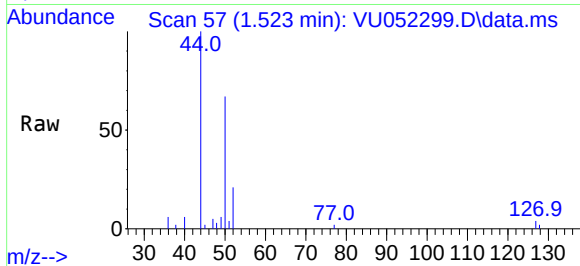




#3
Chloromethane
Concen: 0.225 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052299.D
Acq: 09 Dec 2022 14:14

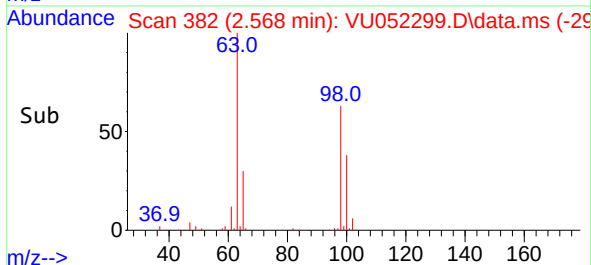
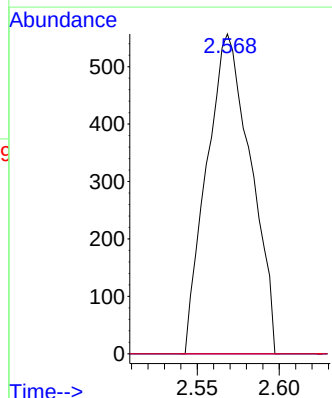
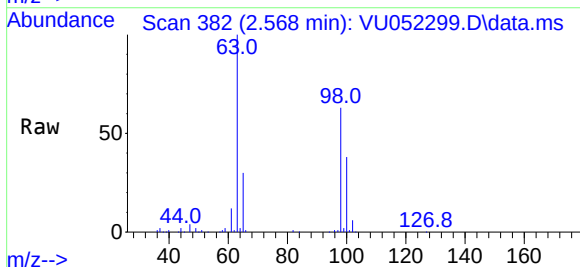
Instrument :
MSVOA_U
ClientSampleId :
C0EK1

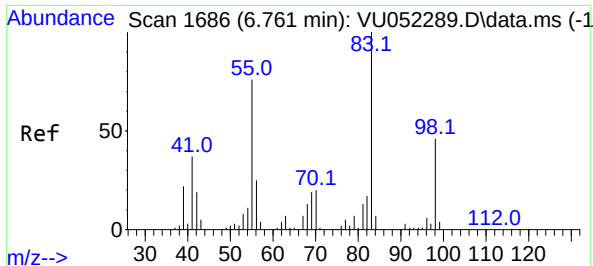
Tgt Ion: 50 Resp: 5637
Ion Ratio Lower Upper
50 100
52 31.5 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052299.D
Acq: 09 Dec 2022 14:14

Tgt Ion: 101 Resp: 1038
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#





#35

Methylcyclohexane

Concen: 0.864 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052299.D

Acq: 09 Dec 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

C0EK1

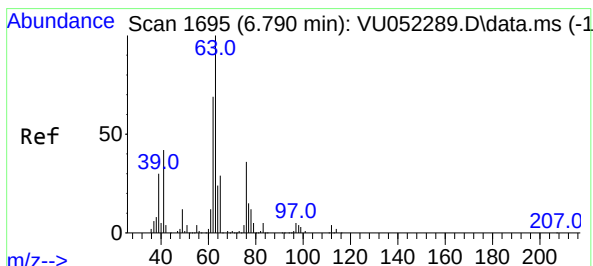
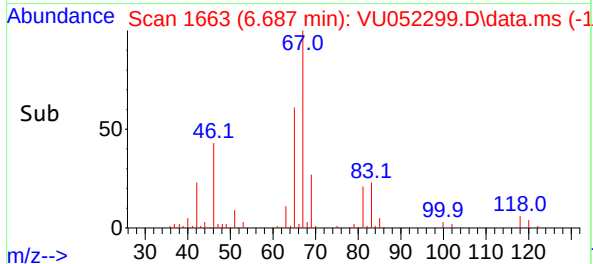
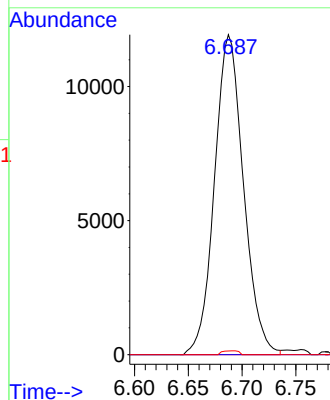
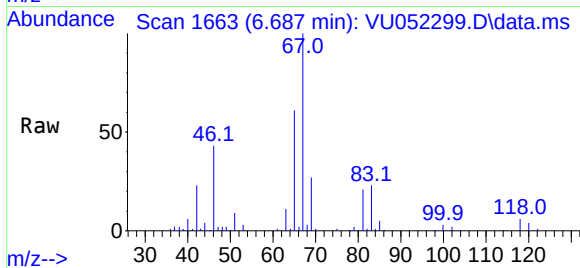
Tgt Ion: 83 Resp: 22358

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 0.7 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052299.D

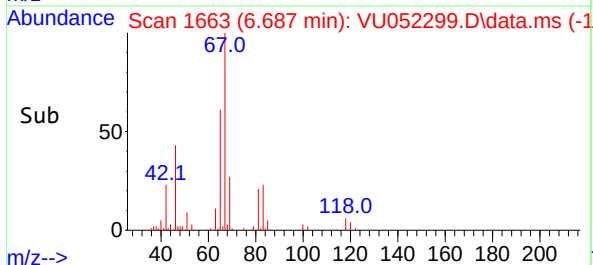
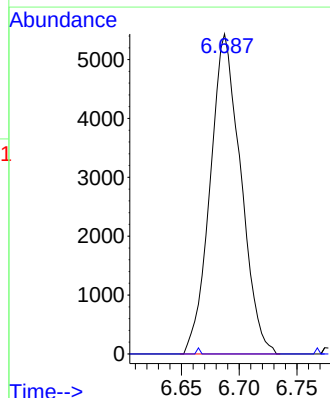
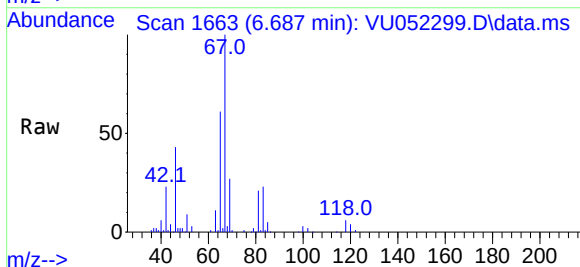
Acq: 09 Dec 2022 14:14

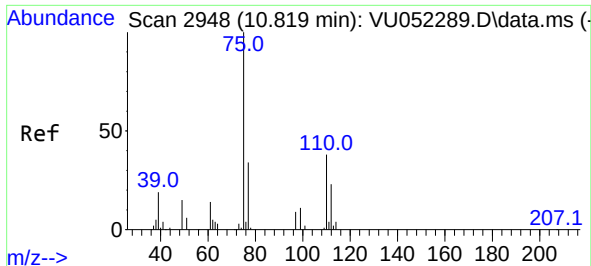
Tgt Ion: 63 Resp: 10026

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#

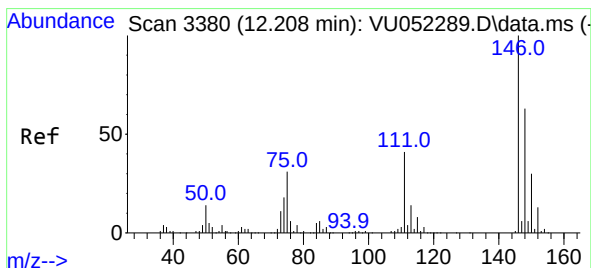
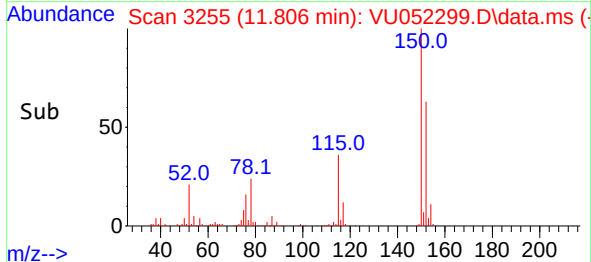
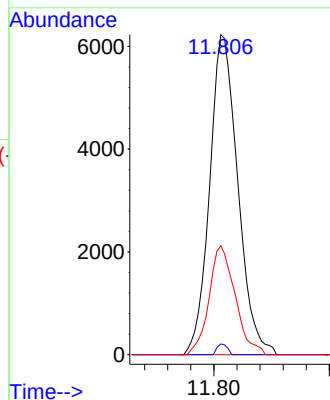
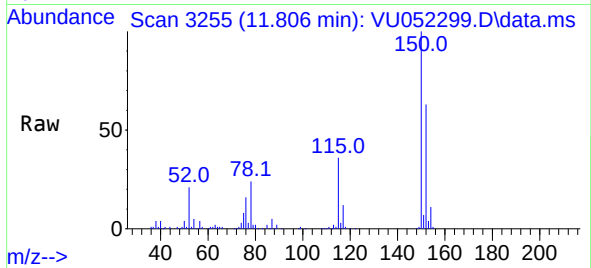




#61
1,2,3-Trichloropropane
Concen: 1.089 ug/L
RT: 11.806 min Scan# 311
Delta R.T. 0.987 min
Lab File: VU052299.D
Acq: 09 Dec 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
C0EK1

Tgt Ion: 75 Resp: 10548
Ion Ratio Lower Upper
75 100
110 1.2 28.3 42.5#
77 31.6 26.2 39.2



#67
1,2-Dichlorobenzene
Concen: 0.191 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052299.D
Acq: 09 Dec 2022 14:14

Tgt Ion:146 Resp: 4980
Ion Ratio Lower Upper
146 100
111 42.8 32.7 49.1
148 60.9 50.6 75.8

