

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052364.D
 Acq On : 12 Dec 2022 19:41
 Operator : JC/MD
 Sample : N5961-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N46

Quant Time: Dec 13 01:06:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

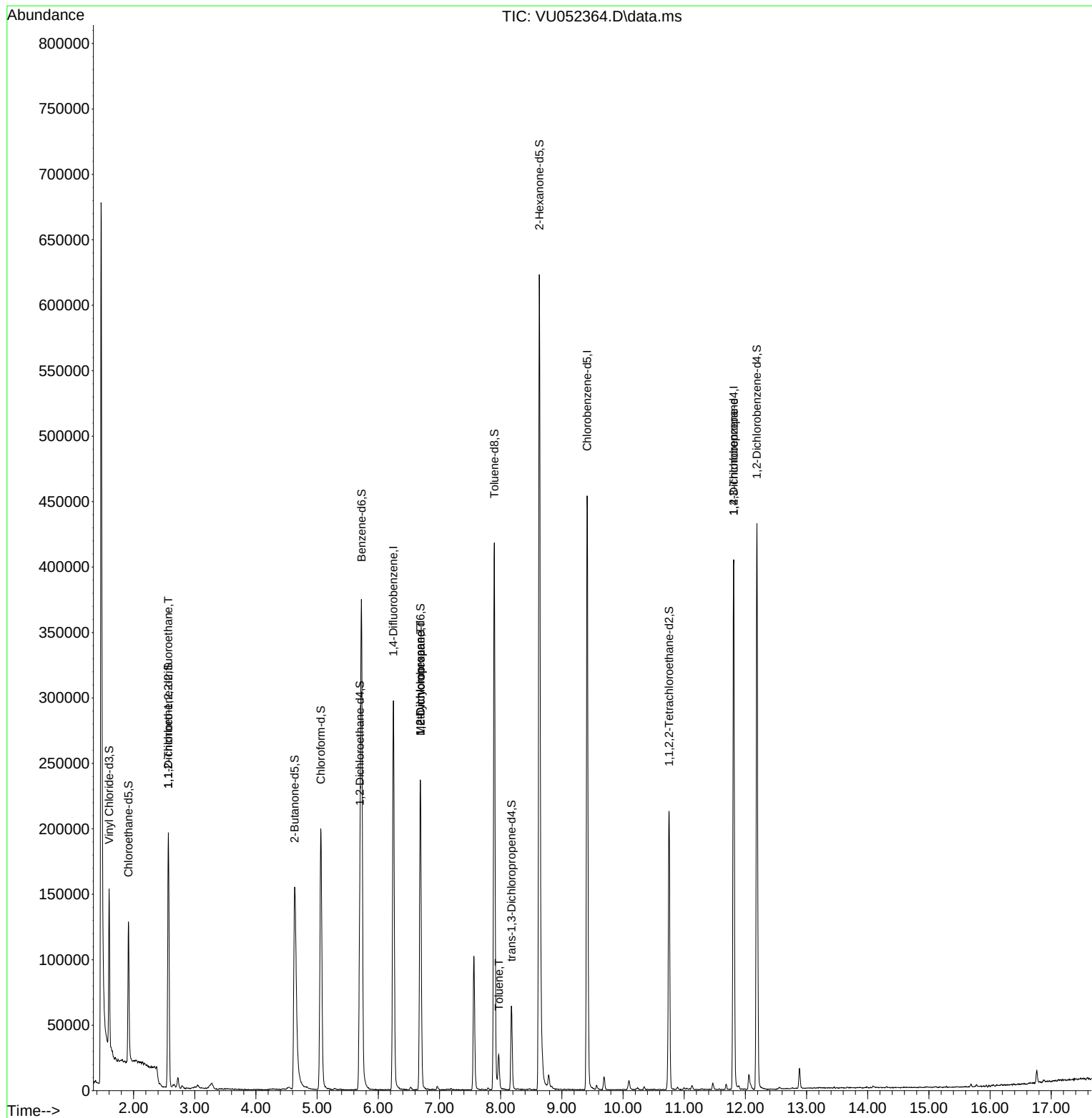
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250231	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	260517	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89254	3.667	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.916	69	82994	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.568	65	36512	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.633	46	286505	64.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.880%
24) Chloroform-d	5.060	84	177352	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.700	65	96690	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.726	84	364465	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.687	67	119953	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.896	98	294335	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.176	79	37138	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.632	63	221048	59.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	110977	5.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	116656	5.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	927	0.051	ug/L #	20
35) Methylcyclohexane	6.687	83	27187	0.894	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11868	0.541	ug/L #	88
42) Toluene	7.970	91	20070	0.230	ug/L	97
61) 1,2,3-Trichloropropane	11.809	75	13439	1.026	ug/L #	70

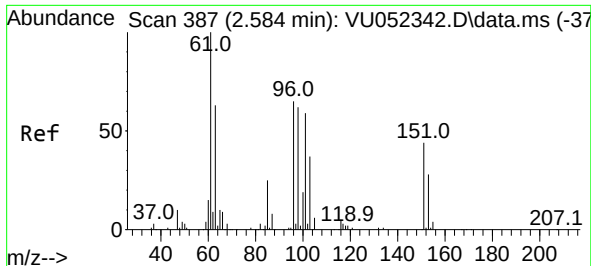
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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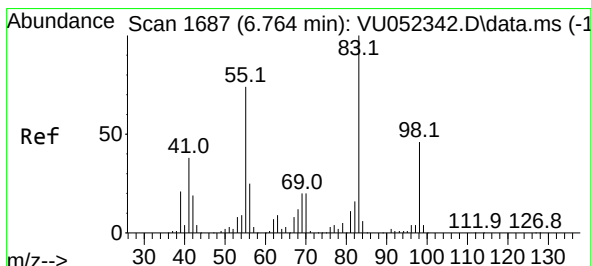
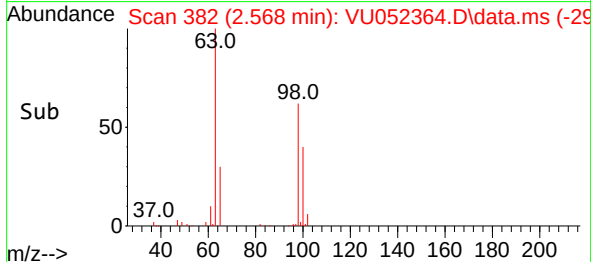
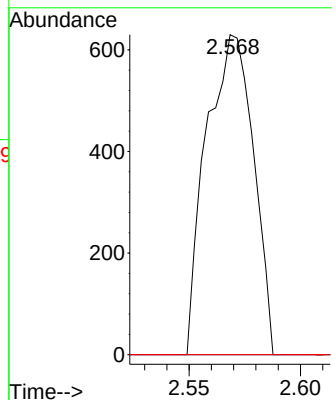
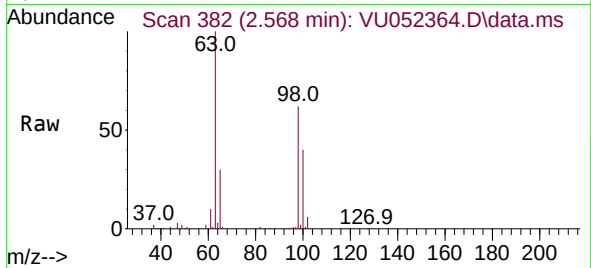




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU052364.D
 Acq: 12 Dec 2022 19:41

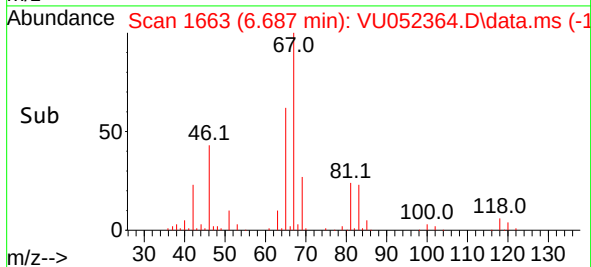
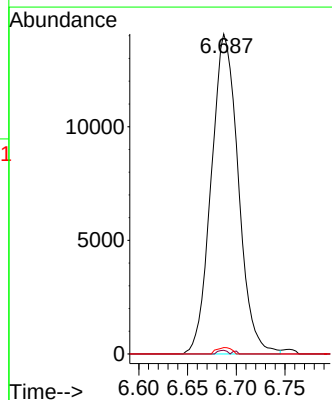
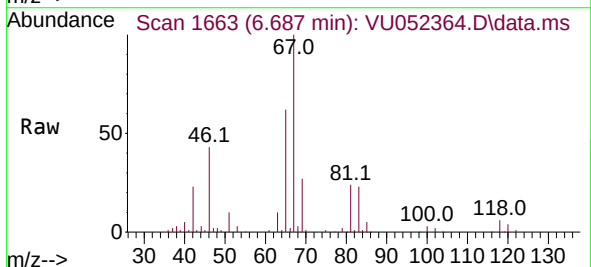
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N46

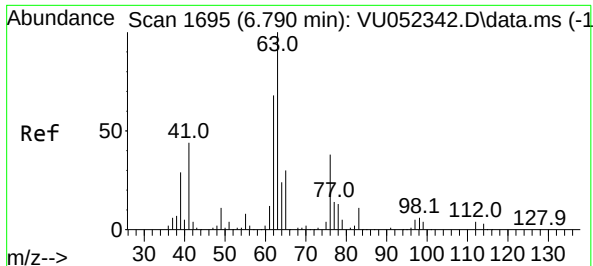
Tgt Ion: 101 Resp: 927
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#



#35
 Methylcyclohexane
 Concen: 0.894 ug/L
 RT: 6.687 min Scan# 1663
 Delta R.T. -0.077 min
 Lab File: VU052364.D
 Acq: 12 Dec 2022 19:41

Tgt Ion: 83 Resp: 27187
 Ion Ratio Lower Upper
 83 100
 55 0.4 60.8 91.2#
 98 1.1 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052364.D

Acq: 12 Dec 2022 19:41

Instrument :

MSVOA_U

ClientSampleId :

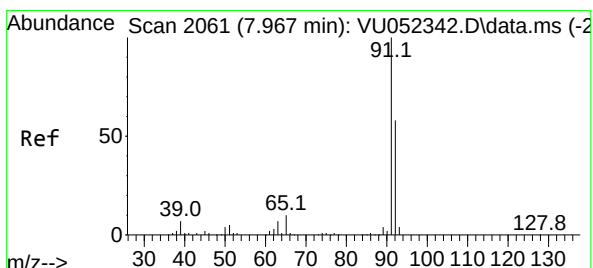
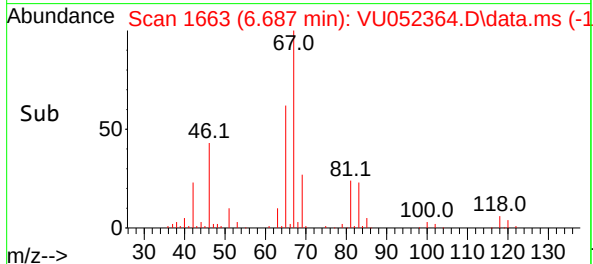
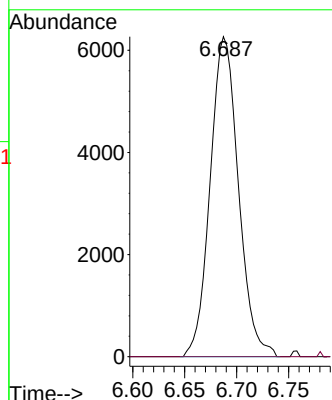
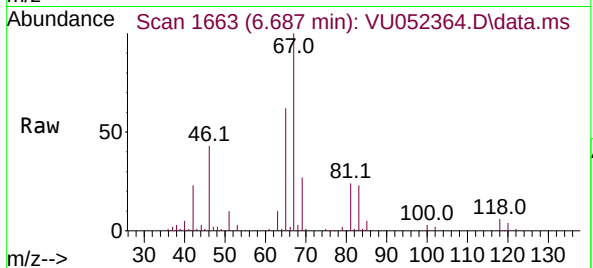
F5N46

Tgt Ion: 63 Resp: 11868

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#42

Toluene

Concen: 0.230 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU052364.D

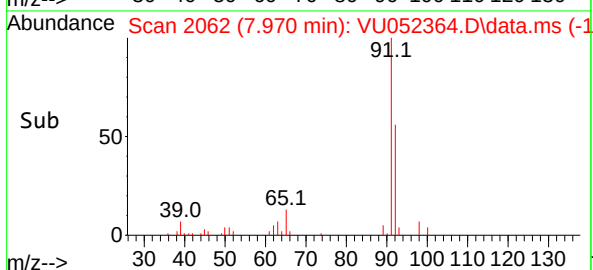
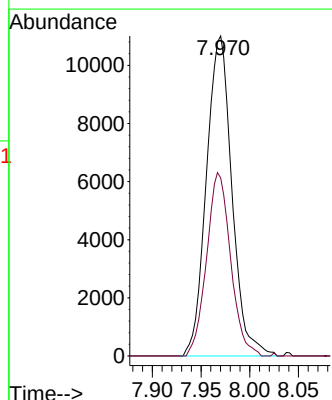
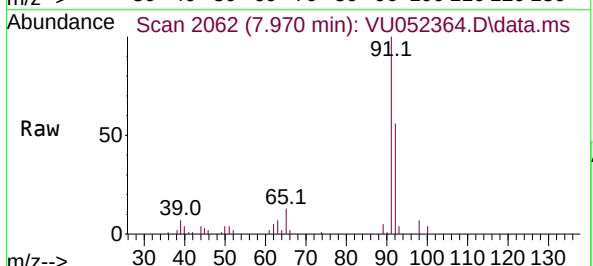
Acq: 12 Dec 2022 19:41

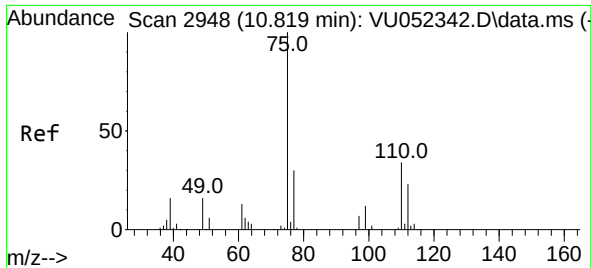
Tgt Ion: 91 Resp: 20070

Ion Ratio Lower Upper

91 100

92 55.6 40.7 75.5





#61

1,2,3-Trichloropropane

Concen: 1.026 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU052364.D

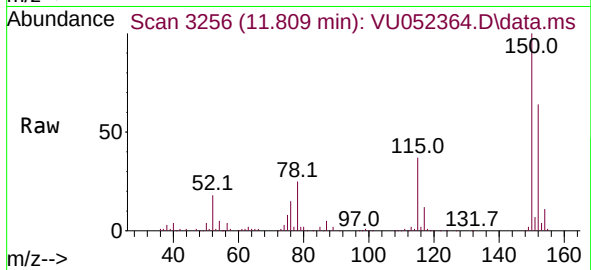
Acq: 12 Dec 2022 19:41

Instrument :

MSVOA_U

ClientSampleId :

F5N46



Tgt Ion: 75 Resp: 13439

Ion Ratio Lower Upper

75 100

110 2.4 28.3 42.5#

77 31.6 26.2 39.2

