

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052377.D
 Acq On : 13 Dec 2022 15:11
 Operator : JC/MD
 Sample : N5961-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N47

Quant Time: Dec 14 03:20:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

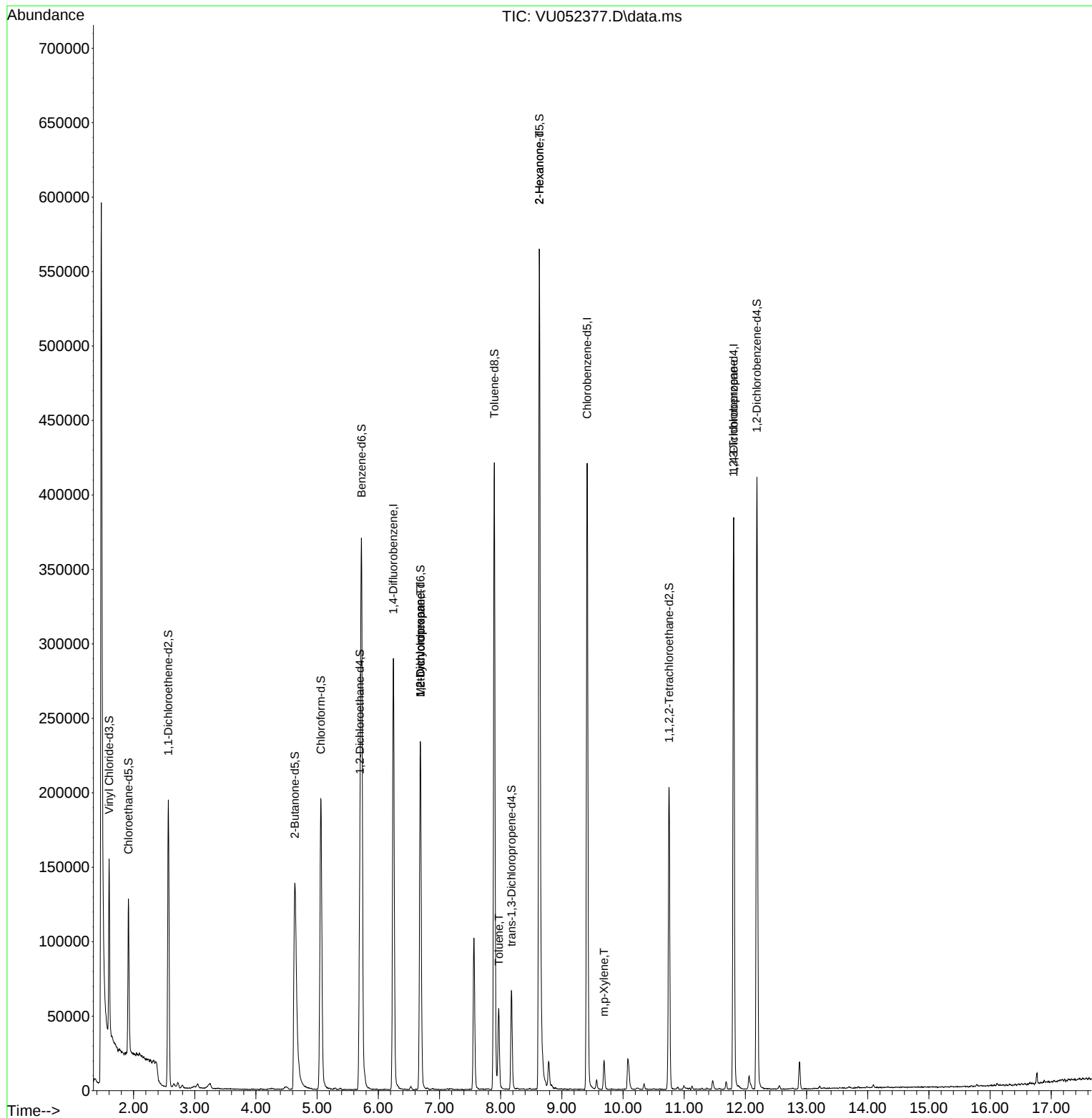
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	242561	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	250528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86227	3.655	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.916	69	79583	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.568	65	36227	4.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.636	46	268342	62.745	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.480%
24) Chloroform-d	5.060	84	179994	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	92408	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.726	84	365118	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.687	67	120731	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.896	98	289477	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.176	79	38693	4.613	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.632	63	202060	56.843	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105587	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	114973	5.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.687	83	26848	0.918	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	12236	0.580	ug/L #	88
42) Toluene	7.970	91	40151	0.479	ug/L	99
48) 2-Hexanone	8.632	43	22663	2.803	ug/L #	77
53) m,p-Xylene	9.690	106	5858	0.186	ug/L	92
61) 1,2,3-Trichloropropane	11.806	75	12863	1.029	ug/L #	67

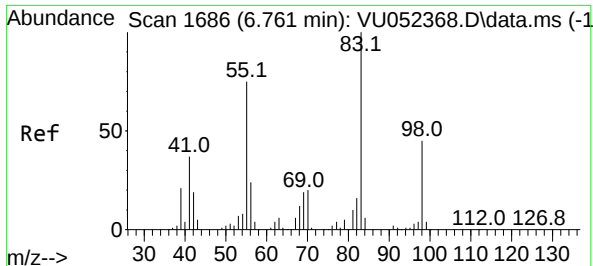
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052377.D

Acq: 13 Dec 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

F5N47

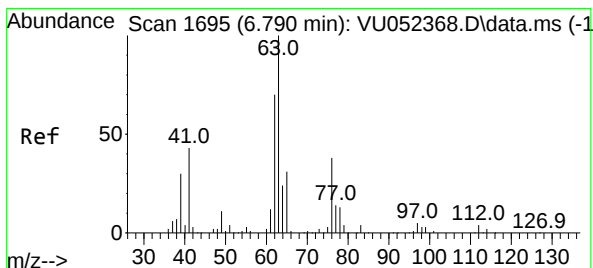
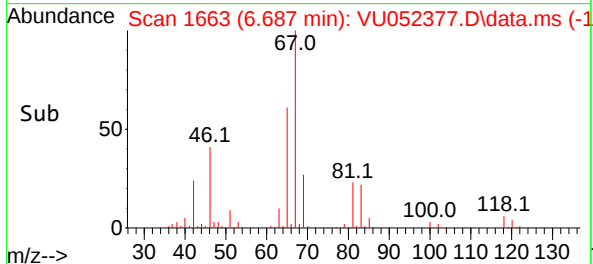
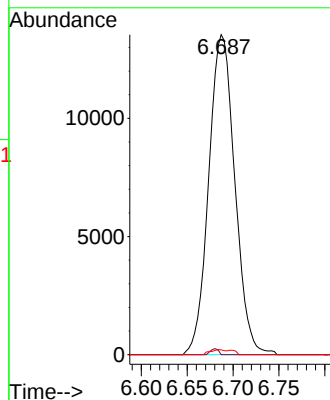
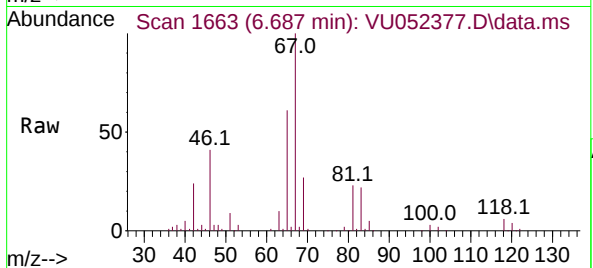
Tgt Ion: 83 Resp: 26848

Ion Ratio Lower Upper

83 100

55 0.6 60.8 91.2#

98 1.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052377.D

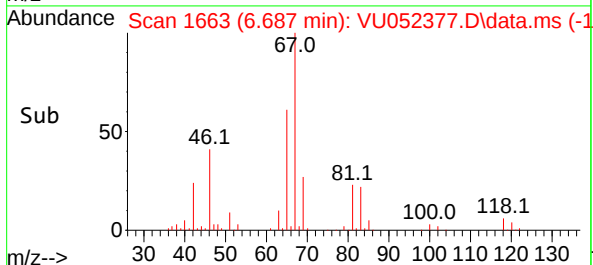
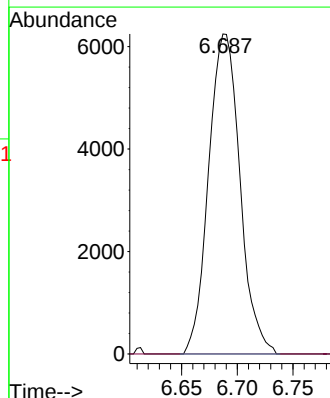
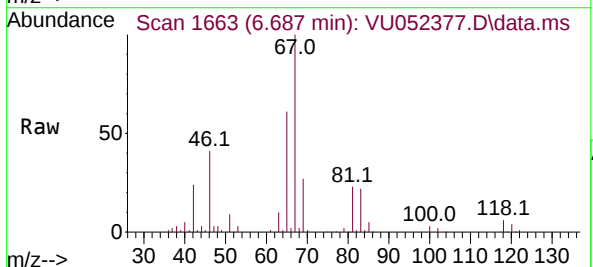
Acq: 13 Dec 2022 15:11

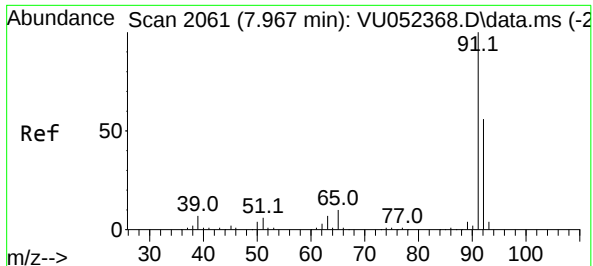
Tgt Ion: 63 Resp: 12236

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.479 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052377.D

Acq: 13 Dec 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

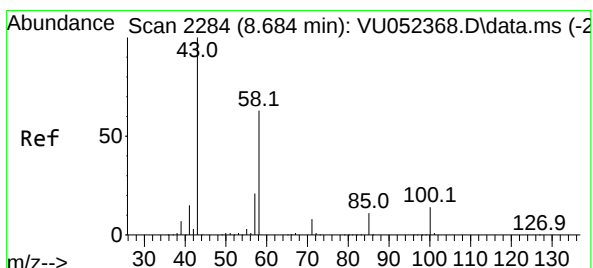
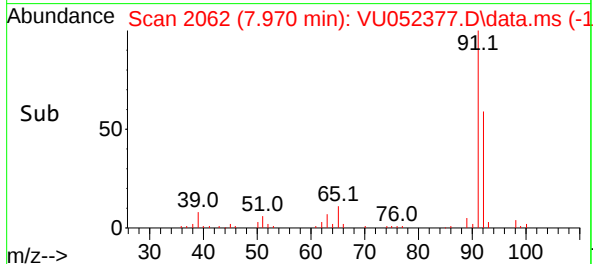
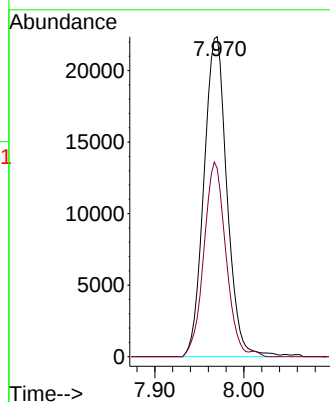
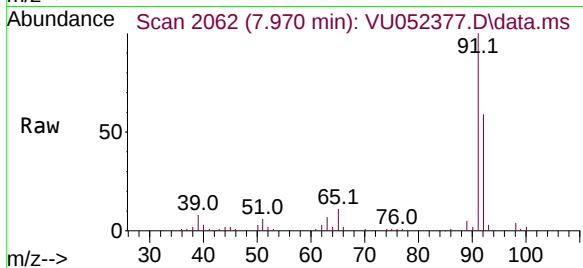
F5N47

Tgt Ion: 91 Resp: 40151

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.5



#48

2-Hexanone

Concen: 2.803 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.051 min

Lab File: VU052377.D

Acq: 13 Dec 2022 15:11

Tgt Ion: 43 Resp: 22663

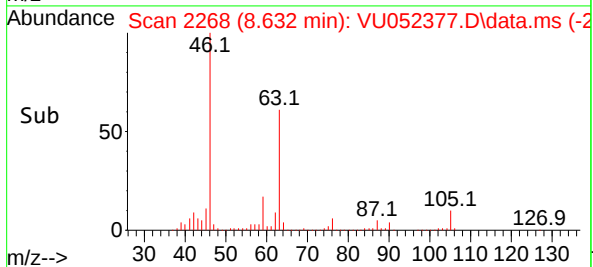
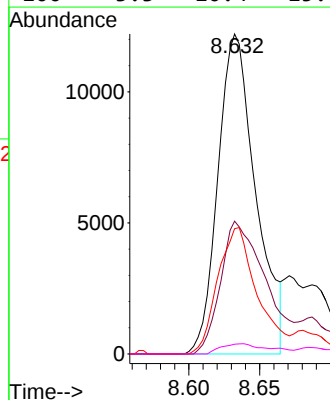
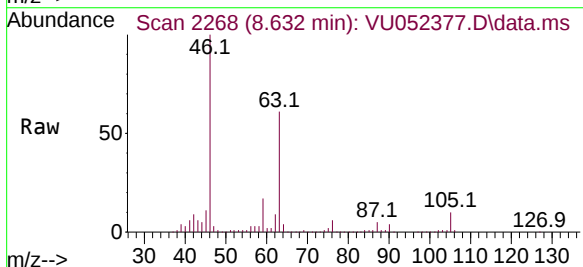
Ion Ratio Lower Upper

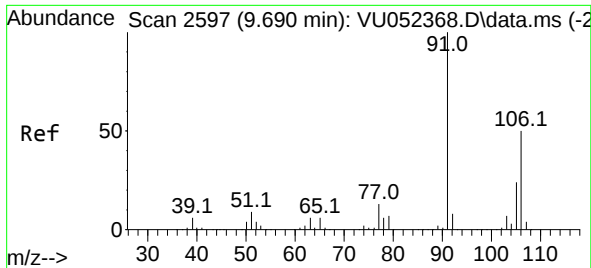
43 100

58 49.4 49.4 74.0

57 41.4 16.3 24.5#

100 3.3 10.4 15.6#

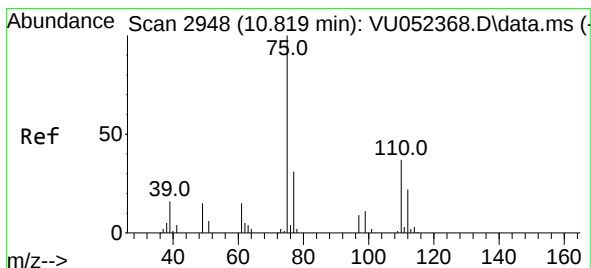
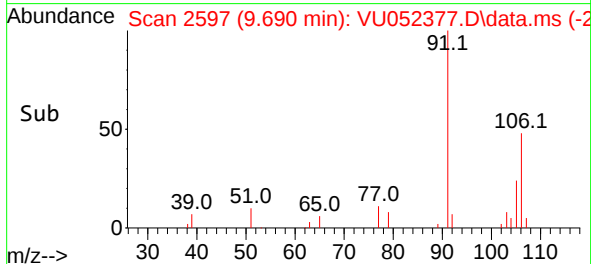
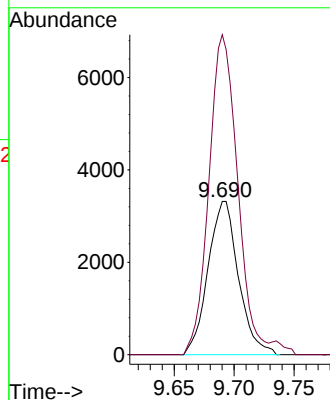
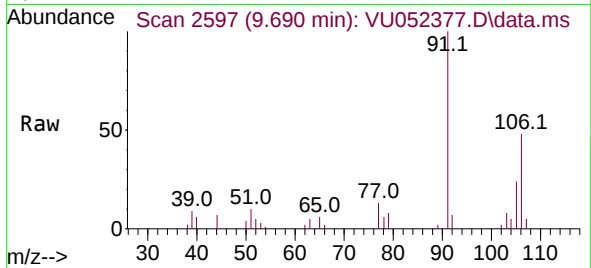




#53
m,p-Xylene
Concen: 0.186 ug/L
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052377.D
Acq: 13 Dec 2022 15:11

Instrument :
MSVOA_U
ClientSampleId :
F5N47

Tgt Ion:106 Resp: 5858
Ion Ratio Lower Upper
106 100
91 208.8 137.7 255.7



#61
1,2,3-Trichloropropane
Concen: 1.029 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052377.D
Acq: 13 Dec 2022 15:11

Tgt Ion: 75 Resp: 12863
Ion Ratio Lower Upper
75 100
110 1.3 28.3 42.5#
77 29.8 26.2 39.2

