

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052376.D
 Acq On : 13 Dec 2022 14:47
 Operator : JC/MD
 Sample : N5961-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N42

Quant Time: Dec 14 03:20:02 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)

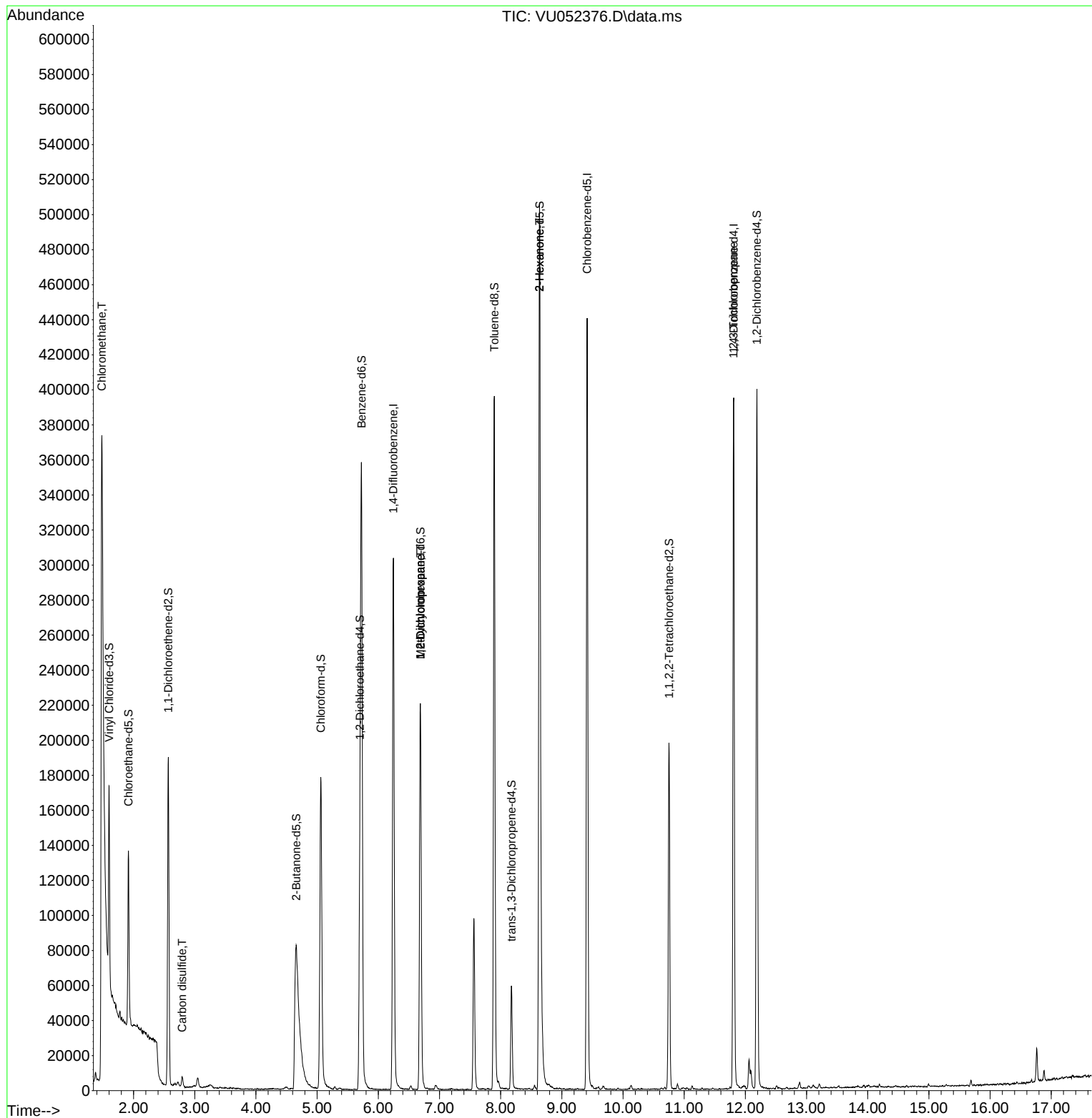
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	255748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	82695	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.916	69	78359	4.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.568	65	34787	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.658	46	245287	54.397	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.060	84	172670	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.700	65	86418	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.726	84	355004	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.687	67	116423	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.896	98	278896	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.176	79	35508	4.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.636	63	189167	51.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102038	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	111594	5.248	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.482	50	10888	0.376	ug/L #	41
14) Carbon disulfide	2.793	76	8144	0.127	ug/L	98
35) Methylcyclohexane	6.687	83	25902	0.863	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10693	0.493	ug/L #	88
48) 2-Hexanone	8.632	43	23261	2.803	ug/L #	87
61) 1,2,3-Trichloropropane	11.806	75	12831	1.009	ug/L #	68

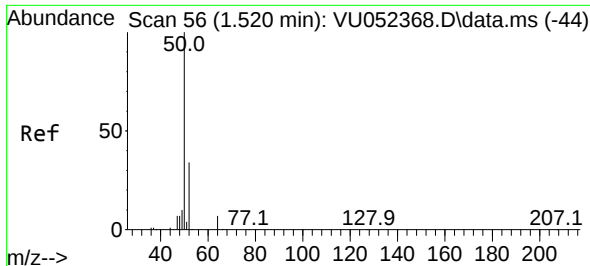
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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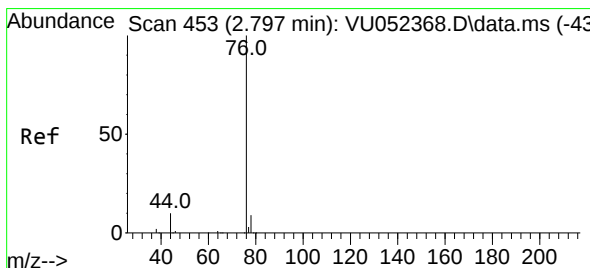
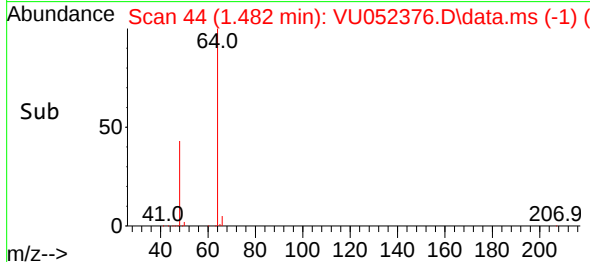
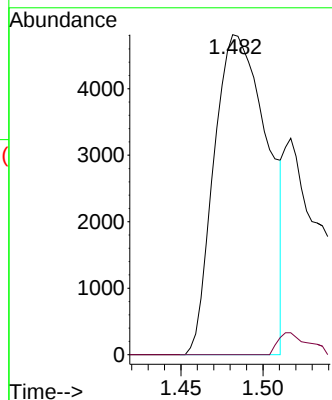
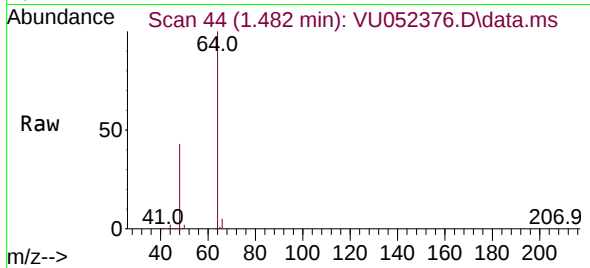




#3
Chloromethane
Concen: 0.376 ug/L
RT: 1.482 min Scan# 44
Delta R.T. -0.039 min
Lab File: VU052376.D
Acq: 13 Dec 2022 14:47

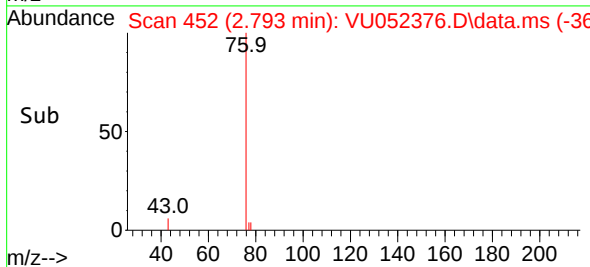
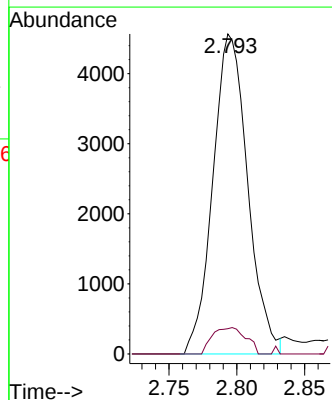
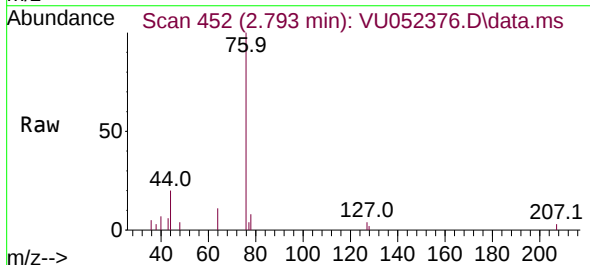
Instrument :
MSVOA_U
ClientSampleId :
F5N42

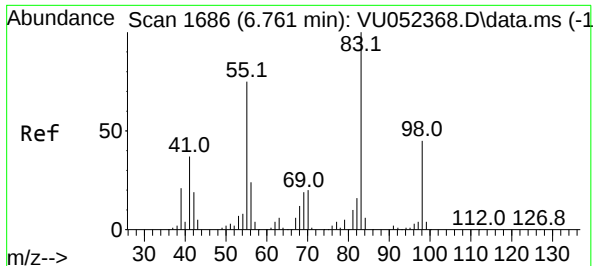
Tgt Ion: 50 Resp: 10888
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#14
Carbon disulfide
Concen: 0.127 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU052376.D
Acq: 13 Dec 2022 14:47

Tgt Ion: 76 Resp: 8144
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4

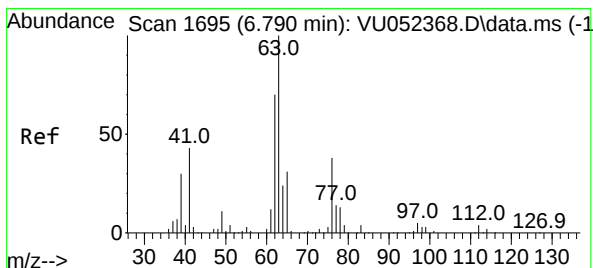
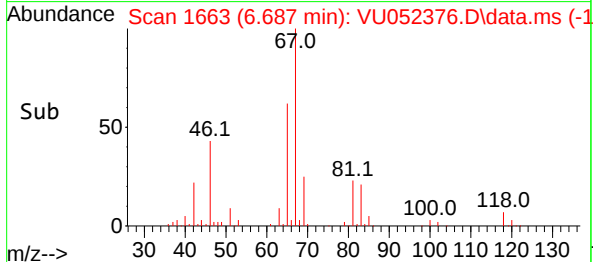
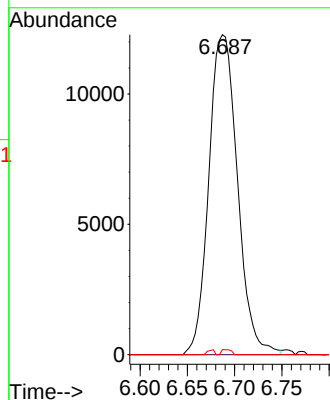
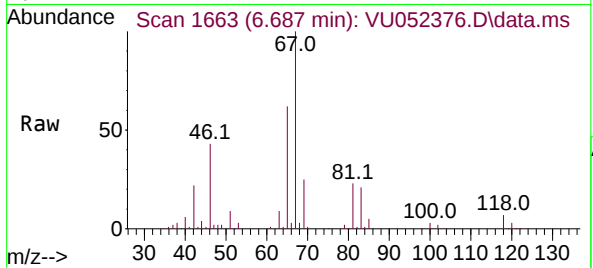




#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052376.D
Acq: 13 Dec 2022 14:47

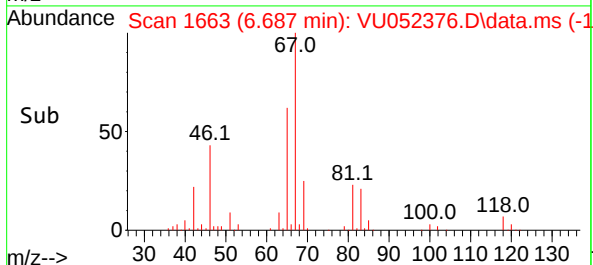
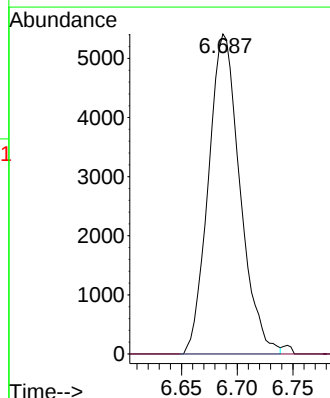
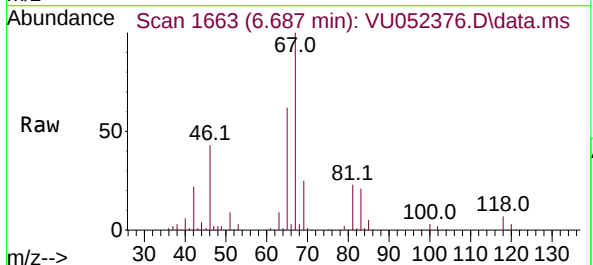
Instrument :
MSVOA_U
ClientSampleId :
F5N42

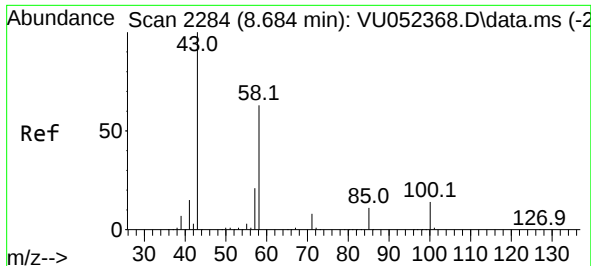
Tgt Ion: 83 Resp: 25902
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 0.5 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052376.D
Acq: 13 Dec 2022 14:47

Tgt Ion: 63 Resp: 10693
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

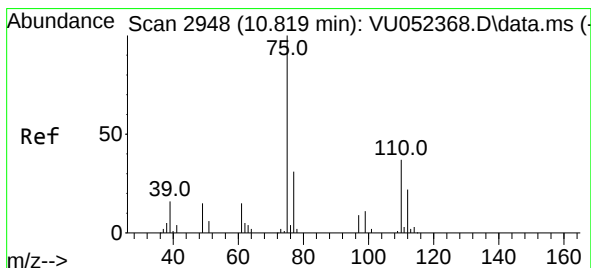
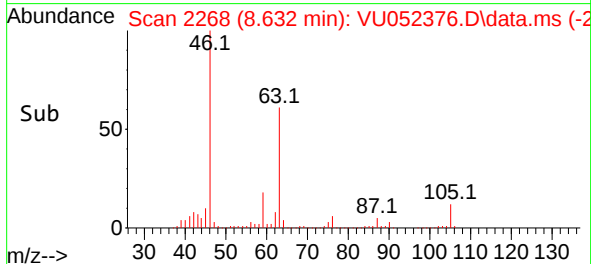
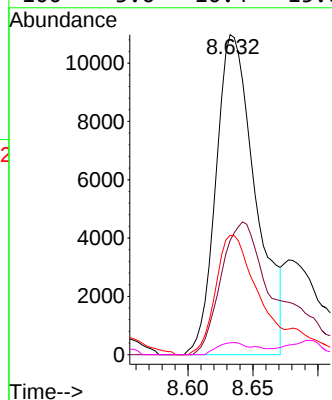
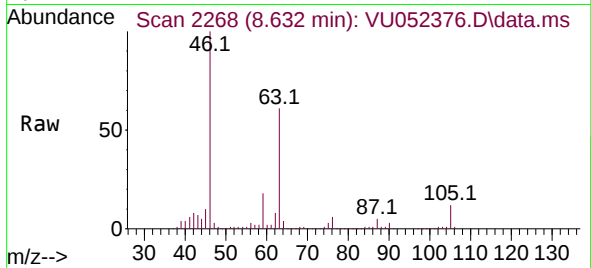




#48
2-Hexanone
Concen: 2.803 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU052376.D
Acq: 13 Dec 2022 14:47

Instrument :
MSVOA_U
ClientSampleId :
F5N42

Tgt Ion: 43	Resp: 23261
Ion Ratio	Lower Upper
43 100	
58 60.4	49.4 74.0
57 39.3	16.3 24.5#
100 3.6	10.4 15.6#



#61
1,2,3-Trichloropropane
Concen: 1.009 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052376.D
Acq: 13 Dec 2022 14:47

Tgt Ion: 75	Resp: 12831
Ion Ratio	Lower Upper
75 100	
110 2.1	28.3 42.5#
77 29.6	26.2 39.2

