

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052126.D
 Acq On : 24 Nov 2022 08:52
 Operator : JC/MD
 Sample : N5760-03DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 04:34:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

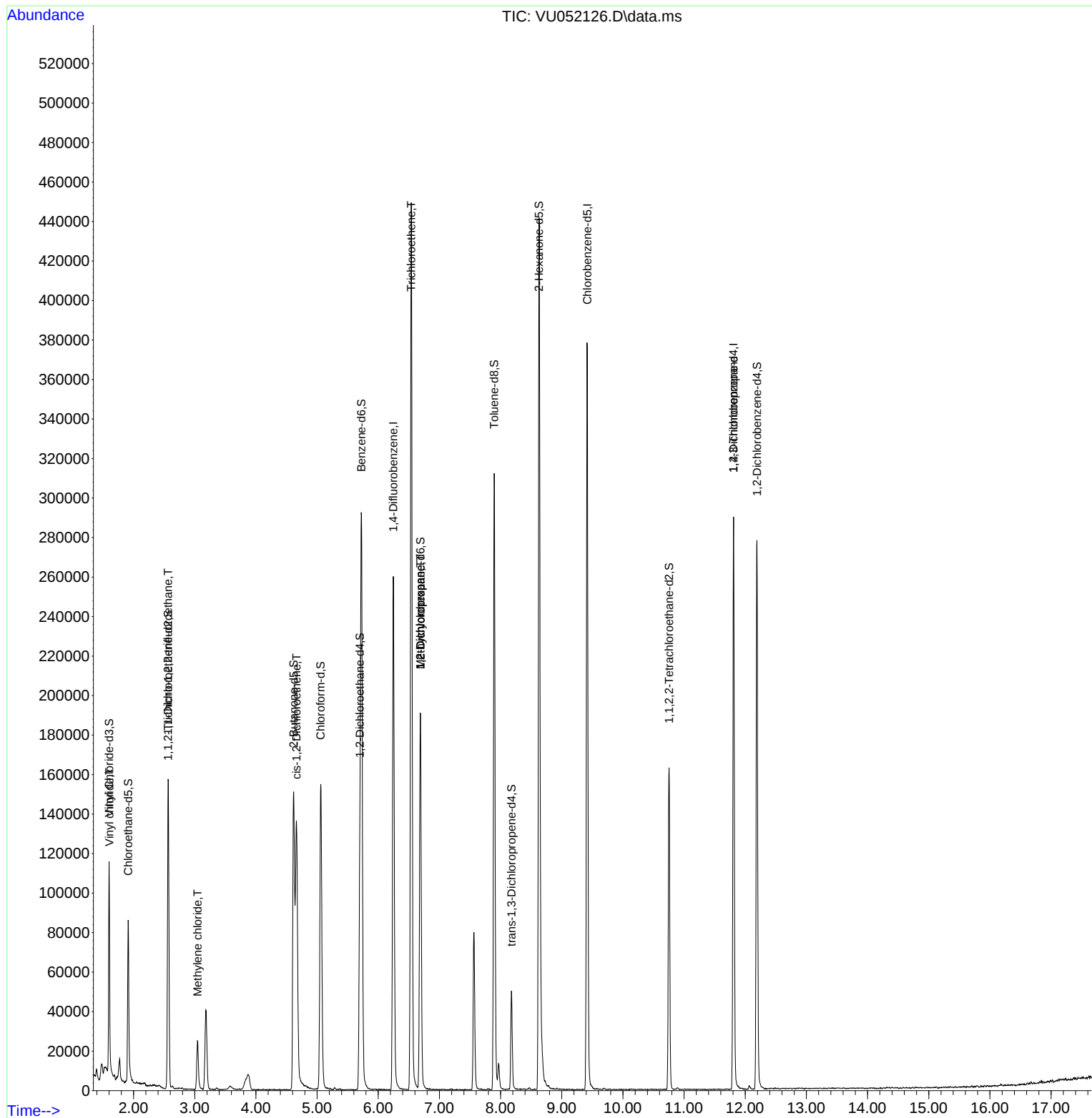
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	73986	3.582	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.912	69	67699	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	28698	3.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.616	46	197332	52.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.060	84	146110	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.700	65	79346	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.726	84	288450	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.690	67	96986	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.896	98	218334	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.179	79	29015	3.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.629	63	150792	47.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85178	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	77819	4.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	7063	0.306	ug/L #	13
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	953	0.061	ug/L #	20
16) Methylene chloride	3.047	84	13309	0.639	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	70164	4.049	ug/L	99
34) Trichloroethene	6.539	95	159927	8.885	ug/L	97
35) Methylcyclohexane	6.690	83	21894	0.846	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9629	0.515	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9730	1.020	ug/L #	66

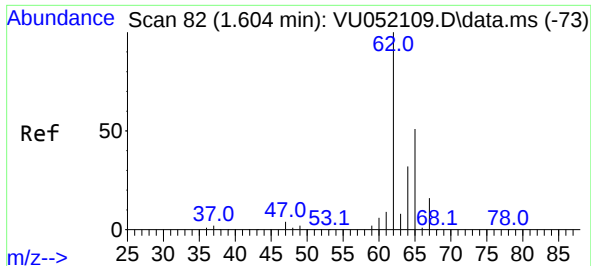
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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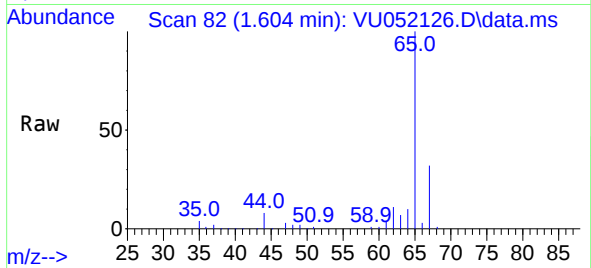
Quant Time: Nov 25 04:34:28 2022
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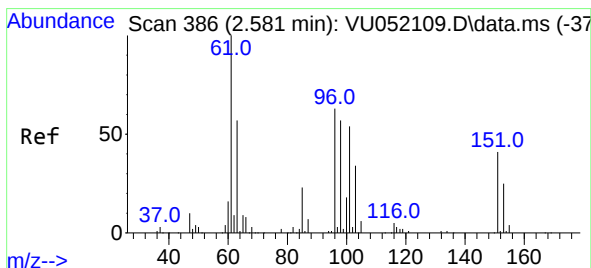
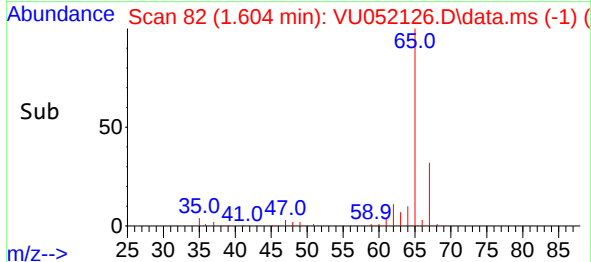
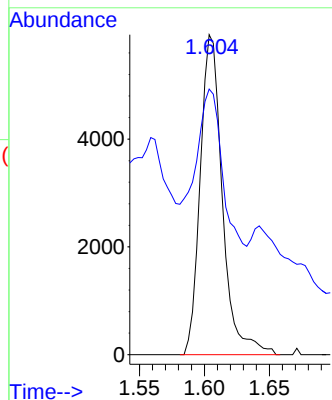


#5
 Vinyl chloride
 Concen: 0.306 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052126.D
 Acq: 24 Nov 2022 08:52

Instrument :
 MSVOA_U
 ClientSampleId :

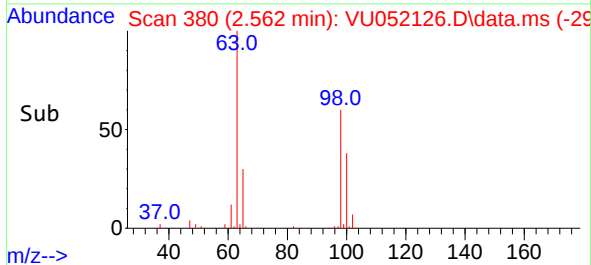
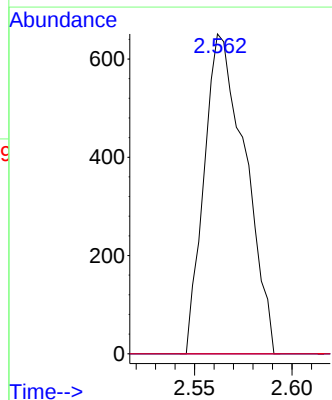
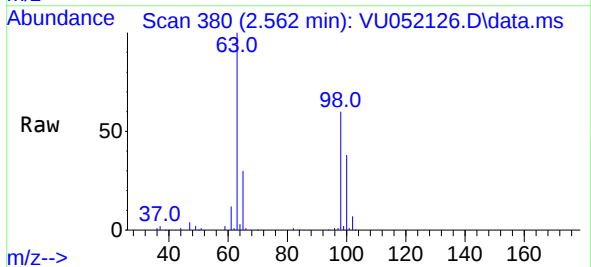


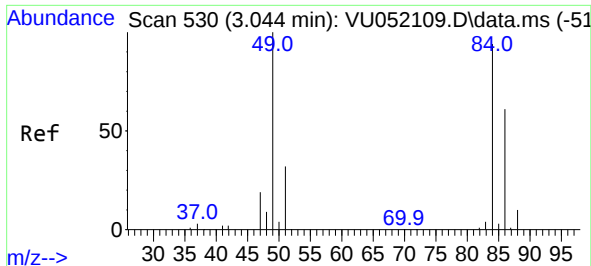
Tgt Ion: 62 Resp: 7063
 Ion Ratio Lower Upper
 62 100
 64 83.0 23.5 43.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU052126.D
 Acq: 24 Nov 2022 08:52

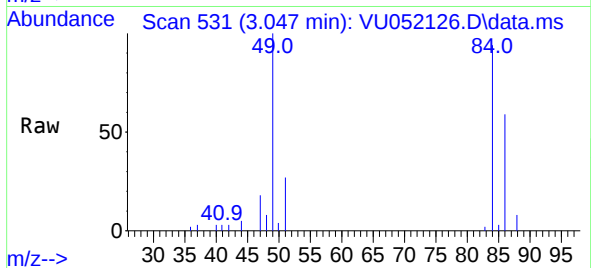
Tgt Ion: 101 Resp: 953
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#



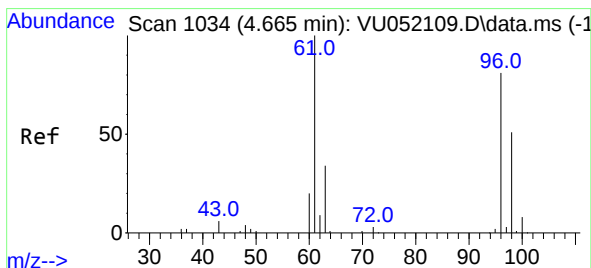
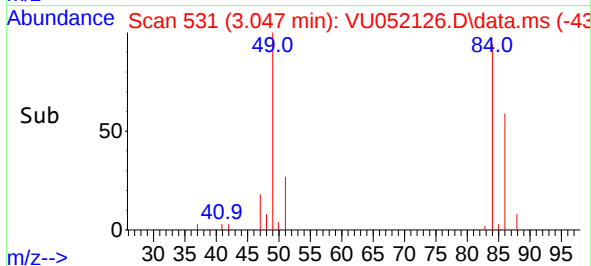
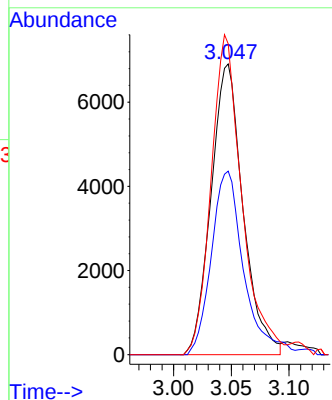


#16
Methylene chloride
Concen: 0.639 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052126.D
Acq: 24 Nov 2022 08:52

Instrument :
MSVOA_U
ClientSampleId :

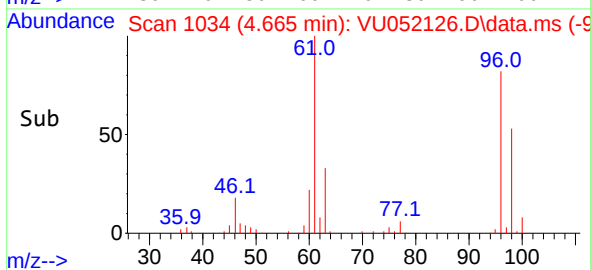
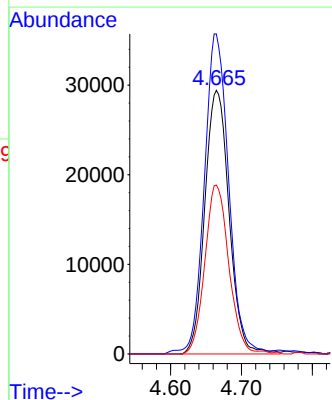
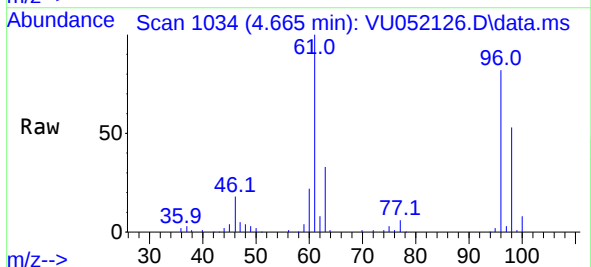


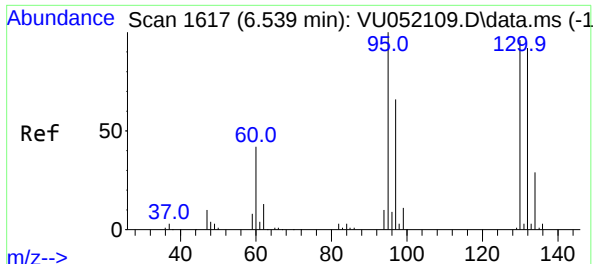
Tgt Ion: 84 Resp: 13309
Ion Ratio Lower Upper
84 100
86 63.1 43.8 81.4
49 106.9 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 4.049 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052126.D
Acq: 24 Nov 2022 08:52

Tgt Ion: 96 Resp: 70164
Ion Ratio Lower Upper
96 100
61 121.3 85.1 158.1
98 64.1 42.8 79.6





#34

Trichloroethene

Concen: 8.885 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052126.D

Acq: 24 Nov 2022 08:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 159927

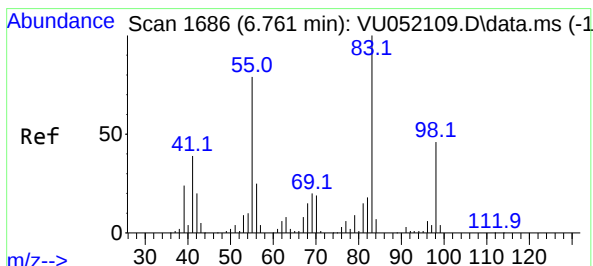
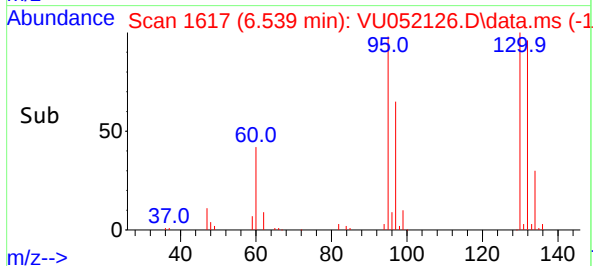
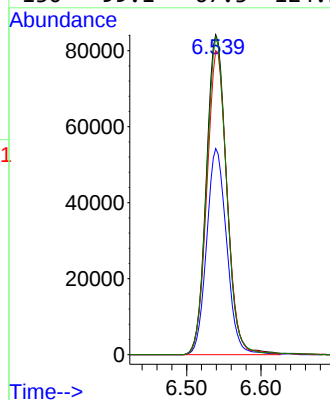
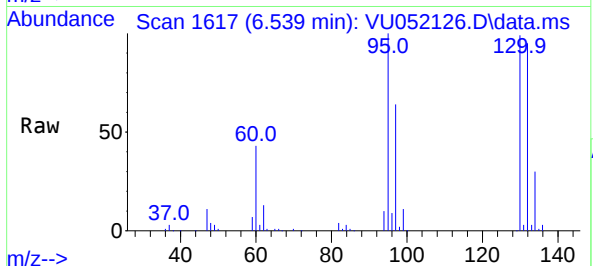
Ion Ratio Lower Upper

95 100

97 64.4 43.7 81.1

132 95.0 64.3 119.3

130 99.1 67.3 124.9



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU052126.D

Acq: 24 Nov 2022 08:52

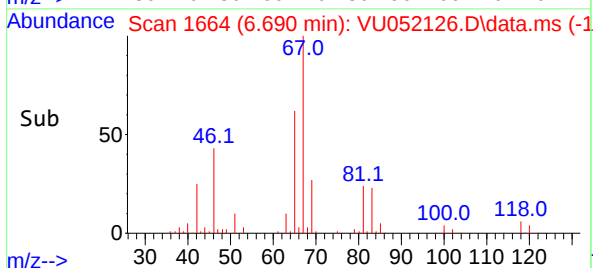
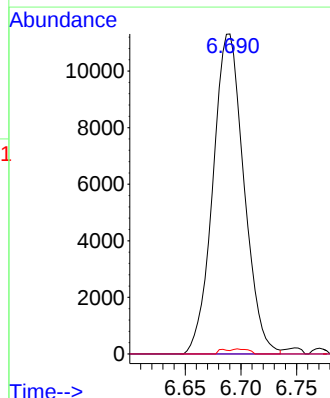
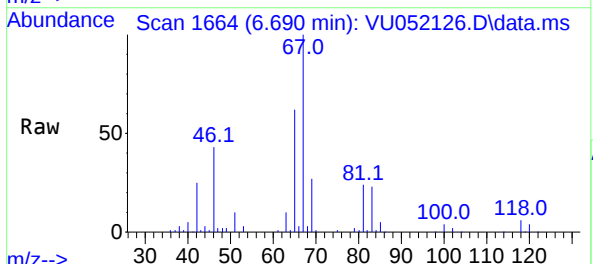
Tgt Ion: 83 Resp: 21894

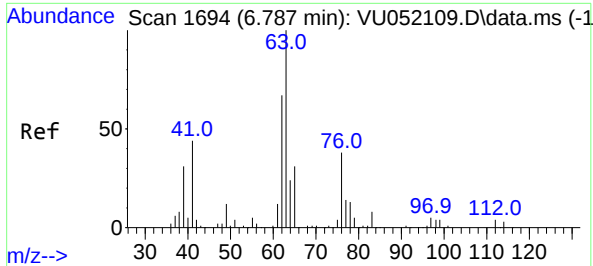
Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 0.8 35.1 52.7#

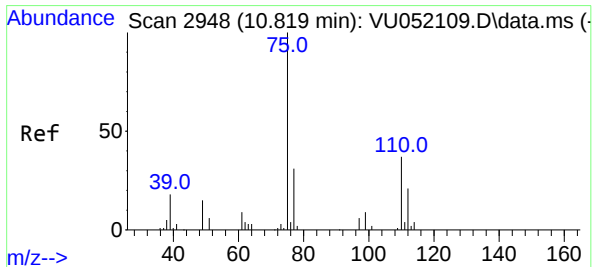
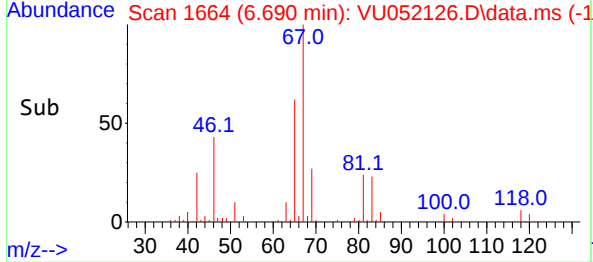
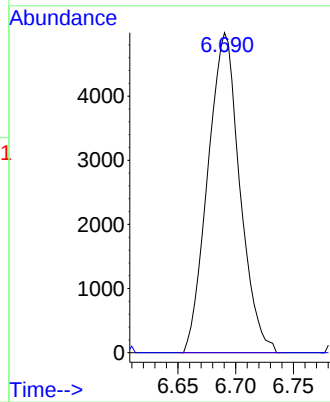
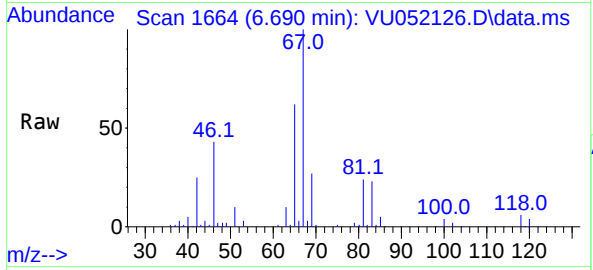




#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU052126.D
Acq: 24 Nov 2022 08:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 9629
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.020 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052126.D
Acq: 24 Nov 2022 08:52

Tgt Ion: 75 Resp: 9730
Ion Ratio Lower Upper
75 100
110 1.2 28.3 42.5#
77 28.1 26.2 39.2

