

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043532.D
 Acq On : 04 May 2021 20:11
 Operator : SY/MD
 Sample : M2195-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 GB3H4DL

Quant Time: May 05 08:15:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

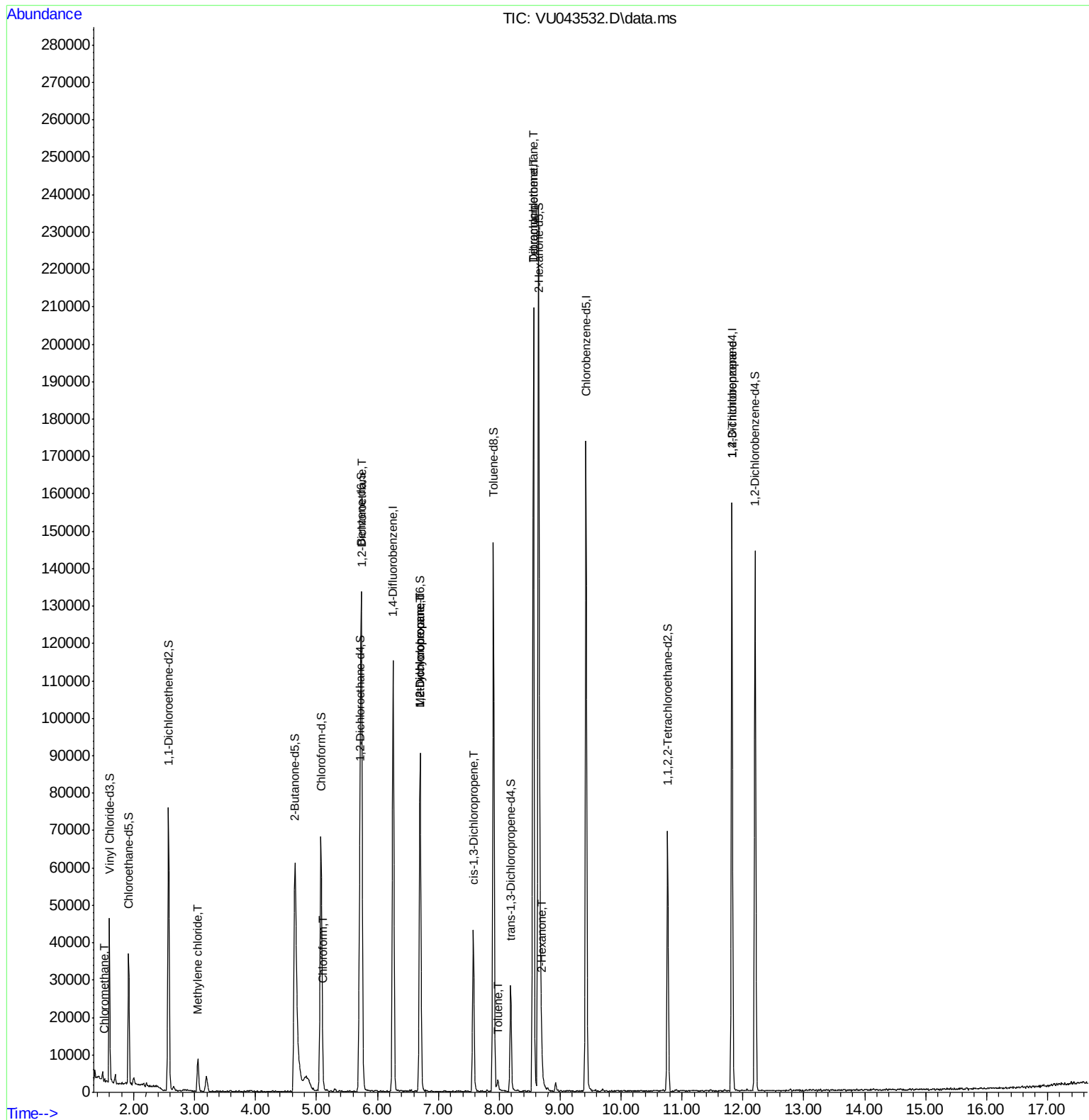
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83619	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	86981	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37664	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28642	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.916	69	22876	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.568	65	14521	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.645	46	111595	53.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	5.073	84	61283	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.713	65	40371	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.735	84	108361	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	38559	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	87567	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloroprop...	8.189	79	14445	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.645	63	77407	55.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.90%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32849	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	33898	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	541	0.09	ug/L	99
16) Methylene chloride	3.054	84	3727	0.50	ug/L	88
25) Chloroform	5.099	83	1608	0.13	ug/L	83
27) 1,2-Dichloroethane	5.739	62	728	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	8704	1.15	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4404	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	959	0.11	ug/L #	79
42) Toluene	7.980	91	2164	0.09	ug/L	97
47) Tetrachloroethene	8.562	164	42215	9.79	ug/L	97
48) 2-Hexanone	8.693	43	4401	1.06	ug/L #	87
49) Dibromochloromethane	8.562	129	41183	7.21	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5145	1.35	ug/L #	69

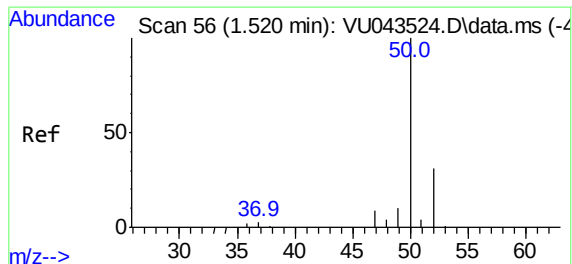
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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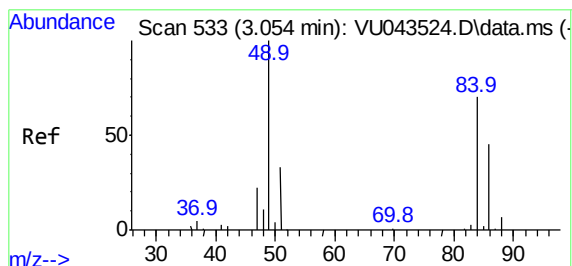
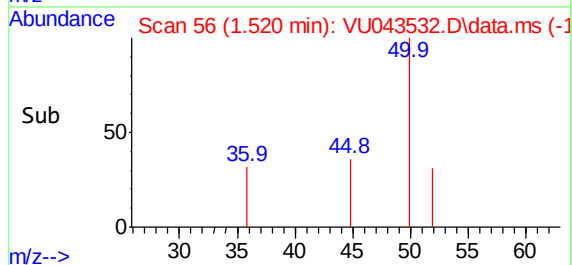
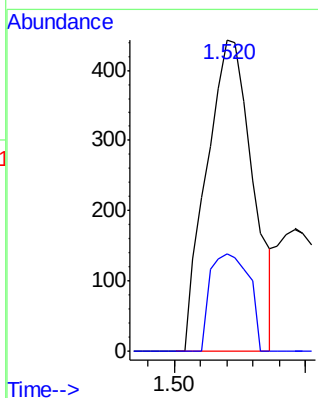
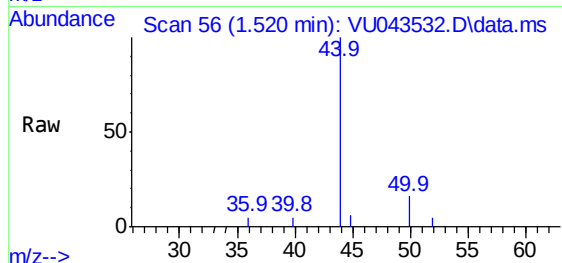




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

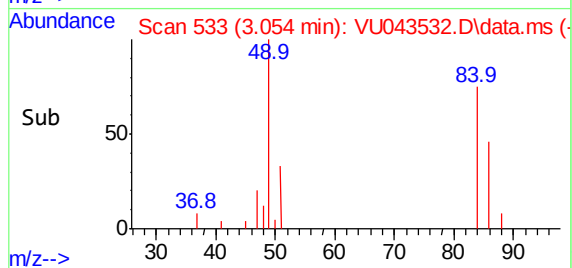
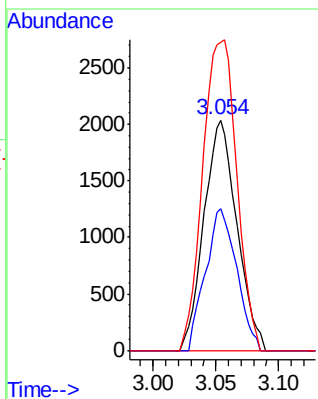
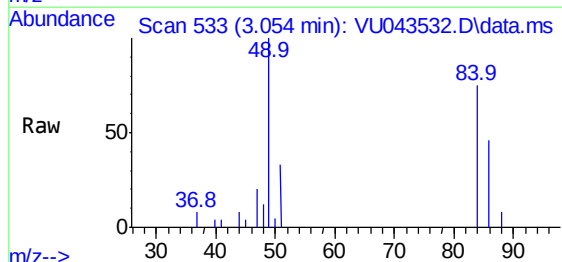
Instrument :
MSVOA_U
ClientSampleId :
GB3H4DL

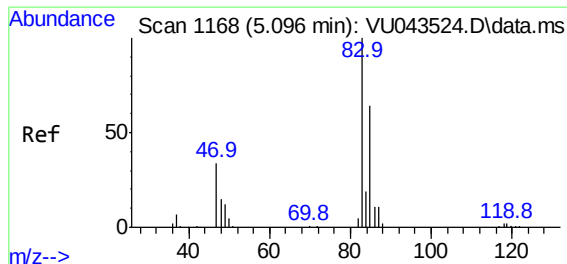
Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 31.2 22.1 41.1



#16
Methylene chloride
Concen: 0.50 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

Tgt Ion: 84 Resp: 3727
Ion Ratio Lower Upper
84 100
86 61.5 45.6 84.6
49 134.0 107.0 198.8

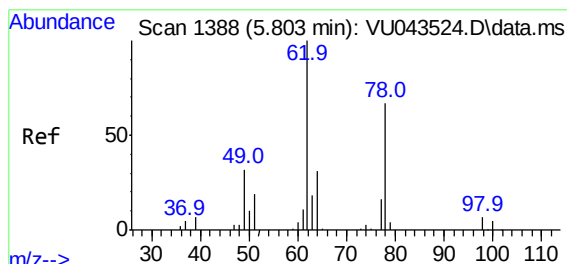
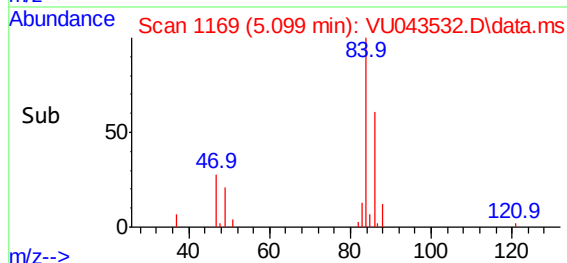
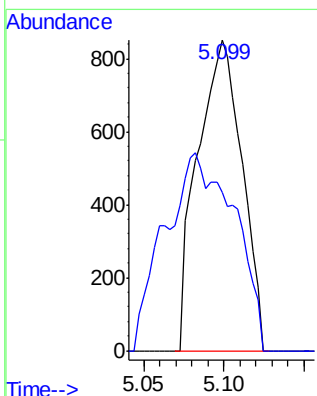
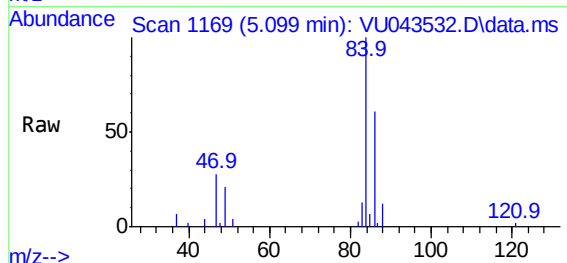




#25
Chloroform
Concen: 0.13 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

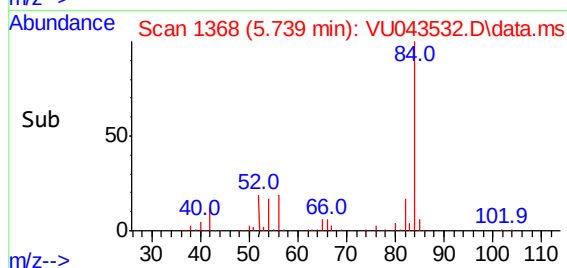
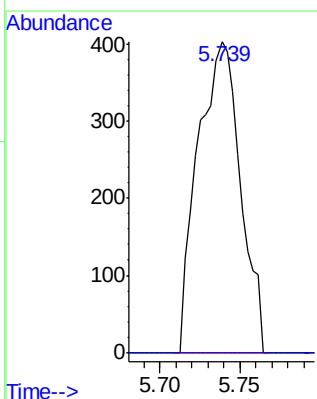
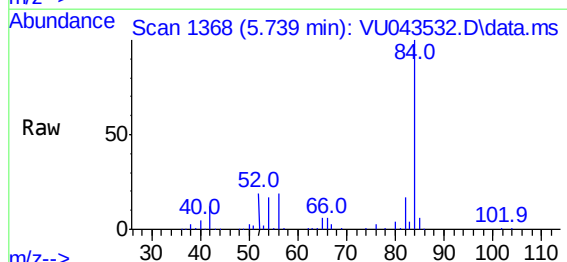
Instrument :
MSVOA_U
ClientSampled :
GB3H4DL

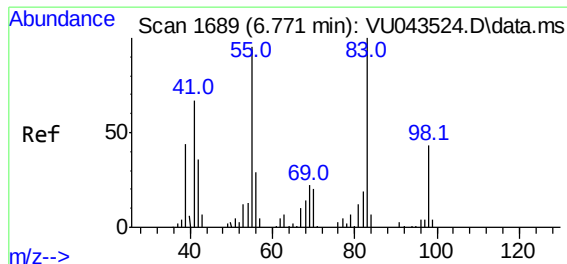
Tgt Ion: 83 Resp: 1608
Ion Ratio Lower Upper
83 100
85 50.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

Tgt Ion: 62 Resp: 728
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

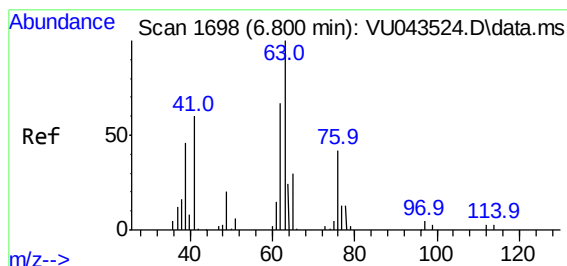
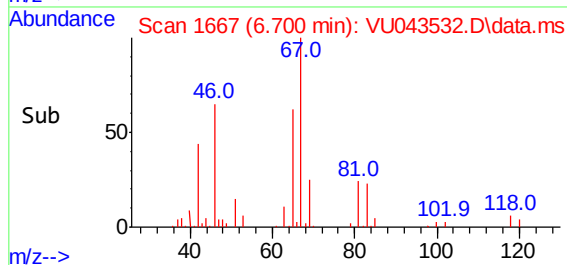
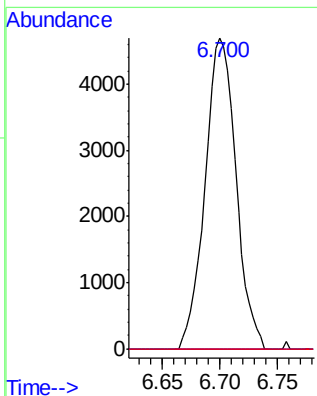
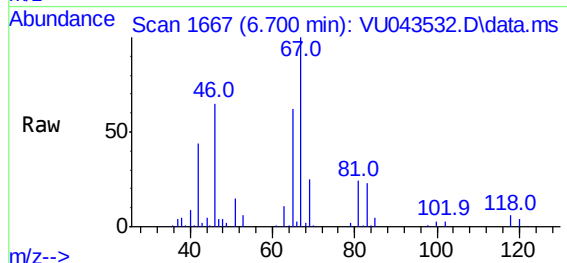




#35
Methylcyclohexane
Concen: 1.15 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

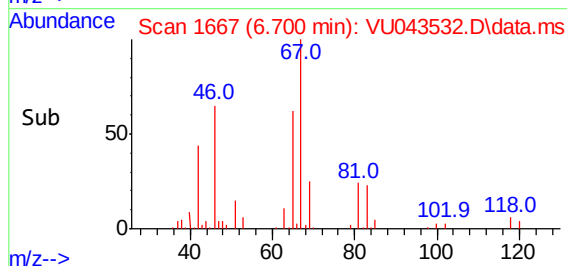
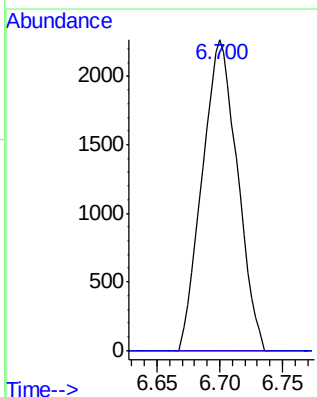
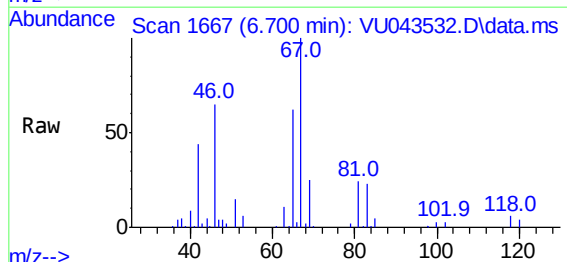
Instrument :
MSVOA_U
ClientSampleId :
GB3H4DL

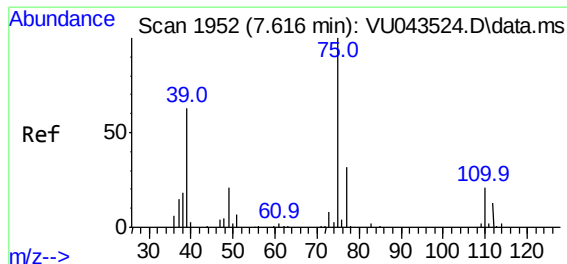
Tgt Ion: 83 Resp: 8704
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

Tgt Ion: 63 Resp: 4404
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

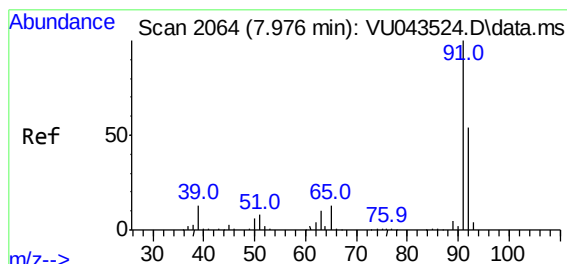
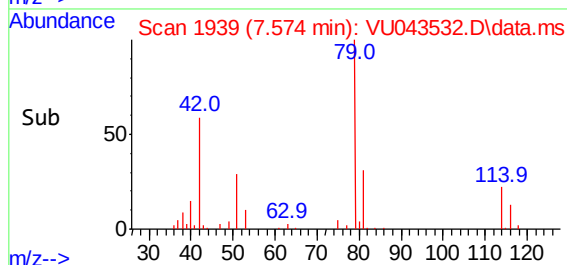
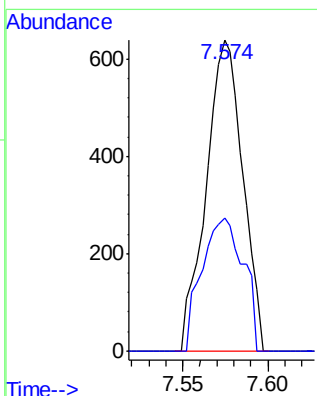
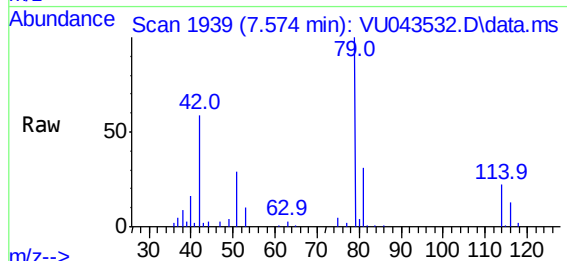




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

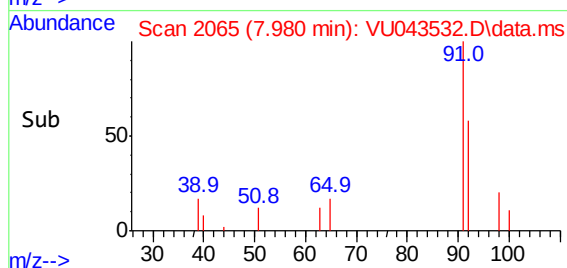
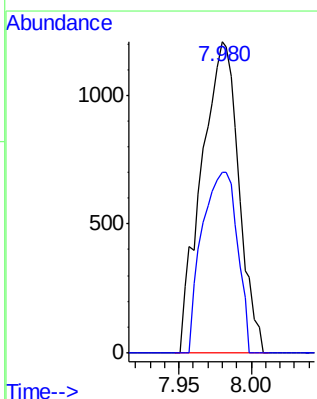
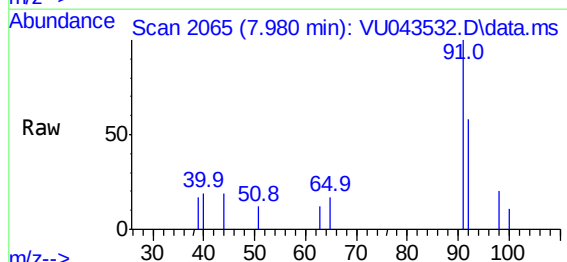
Instrument :
MSVOA_U
ClientSampleId :
GB3H4DL

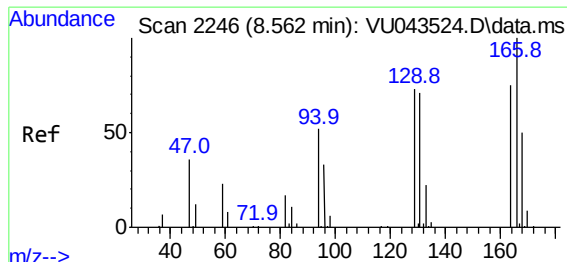
Tgt Ion: 75 Resp: 959
Ion Ratio Lower Upper
75 100
77 42.7 21.9 40.7#



#42
Toluene
Concen: 0.09 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043532.D
Acq: 04 May 2021 20:11

Tgt Ion: 91 Resp: 2164
Ion Ratio Lower Upper
91 100
92 58.0 39.1 72.5





#47

Tetrachloroethene

Concen: 9.79 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043532.D

Acq: 04 May 2021 20:11

Instrument :

MSVOA_U

ClientSampleId :

GB3H4DL

Tgt Ion:164 Resp: 42215

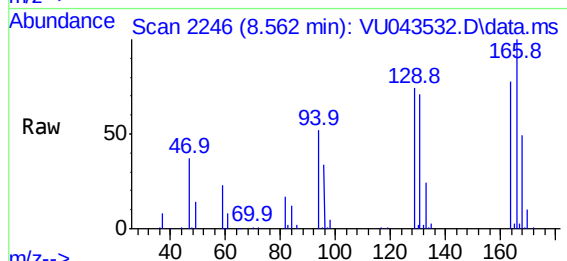
Ion Ratio Lower Upper

164 100

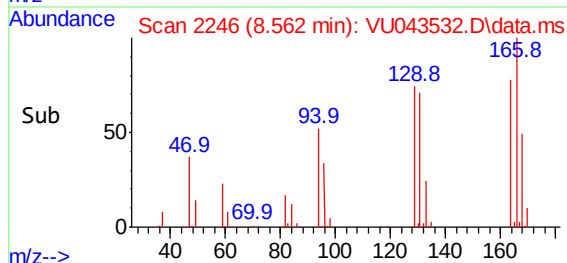
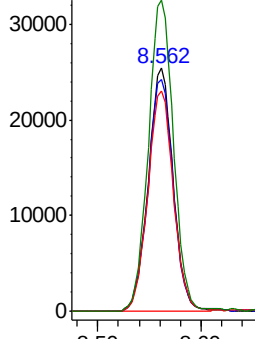
129 95.2 62.5 116.1

131 90.3 64.9 120.5

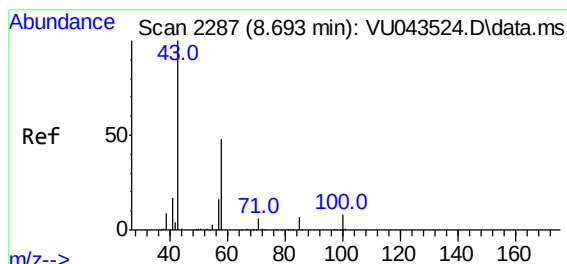
166 128.0 89.0 165.2



Abundance



Time-->



#48

2-Hexanone

Concen: 1.06 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VU043532.D

Acq: 04 May 2021 20:11

Tgt Ion: 43 Resp: 4401

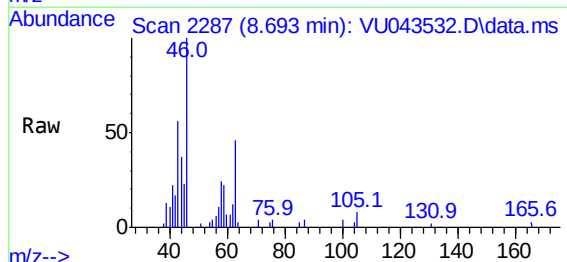
Ion Ratio Lower Upper

43 100

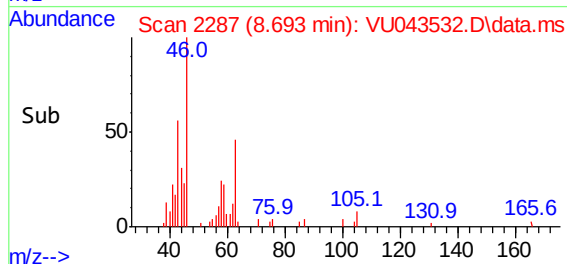
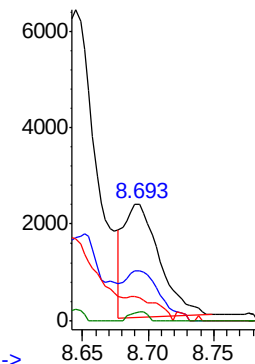
58 43.7 36.8 55.2

57 0.0 13.2 19.8#

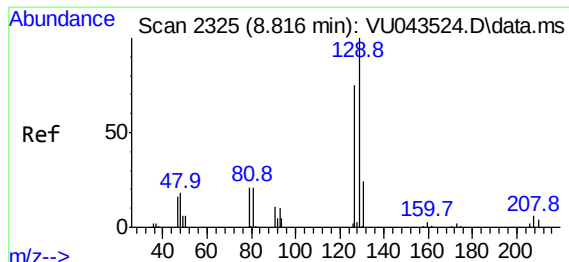
100 3.8 6.5 9.7#



Abundance



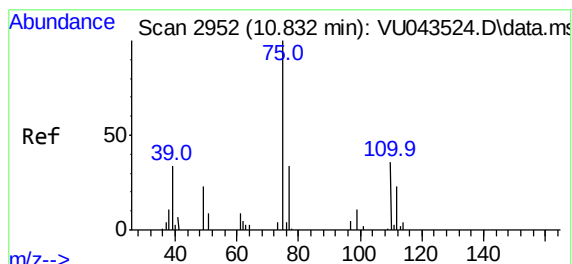
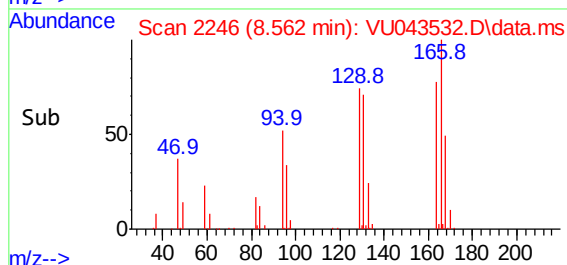
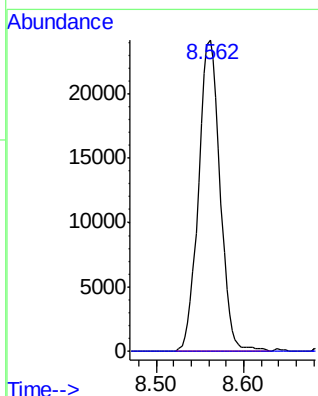
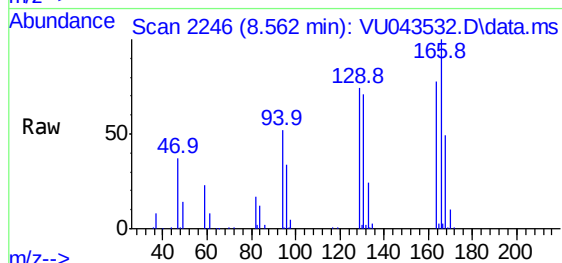
Time-->



#49
 Dibromochloromethane
 Concen: 7.21 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. -0.254 min
 Lab File: VU043532.D
 Acq: 04 May 2021 20:11

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H4DL

Tgt Ion:129 Resp: 41183
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.35 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043532.D
 Acq: 04 May 2021 20:11

Tgt Ion: 75 Resp: 5145
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.6 42.8#
 77 32.0 25.7 38.5

