

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043527.D
 Acq On : 04 May 2021 18:10
 Operator : SY/MD
 Sample : M2195-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H7

Quant Time: May 05 08:13:18 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)

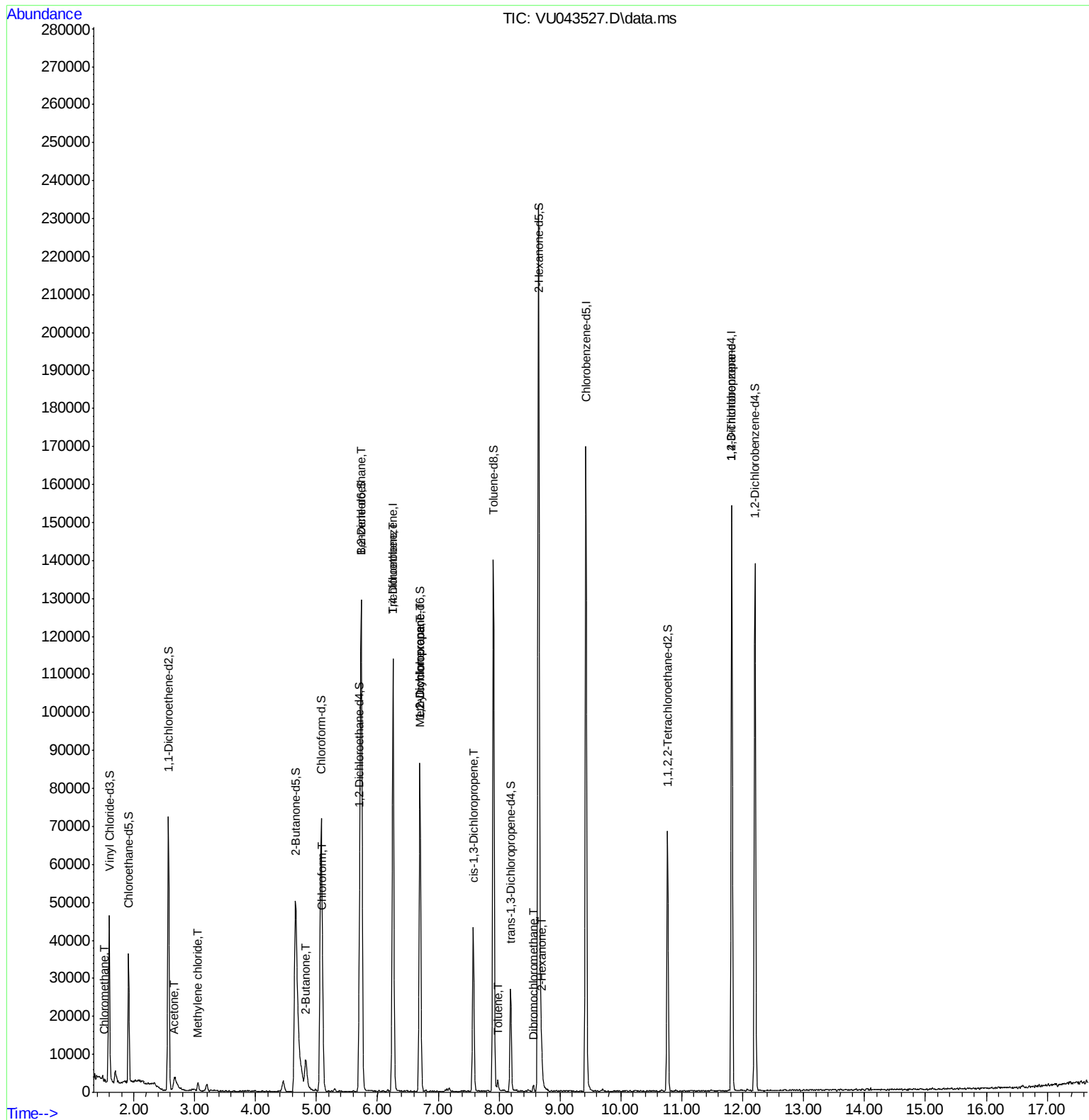
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	83126	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36836	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28119	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.916	69	22297	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.568	65	13882	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.658	46	122645	59.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.06%
24) Chloroform-d	5.073	84	58562	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.710	65	38258	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	104687	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.700	67	37094	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	85028	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	8.189	79	13647	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.645	63	73711	55.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.50%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32699	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	31835	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	659	0.11	ug/L	91
13) Acetone	2.668	43	9936	7.23	ug/L	66
16) Methylene chloride	3.057	84	846	0.11	ug/L	93
21) 2-Butanone	4.825	43	12607	5.72	ug/L #	55
25) Chloroform	5.099	83	17786	1.46	ug/L	100
27) 1,2-Dichloroethane	5.735	62	648	0.08	ug/L #	78
34) Trichloroethene	6.260	95	1338	0.24	ug/L #	6
35) Methylcyclohexane	6.703	83	8615	1.19	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4574	0.70	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1079	0.12	ug/L #	66
42) Toluene	7.980	91	1952	0.09	ug/L	89
48) 2-Hexanone	8.693	43	5098	1.28	ug/L #	98
49) Dibromochloromethane	8.562	129	301	0.06	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4869	1.31	ug/L #	65

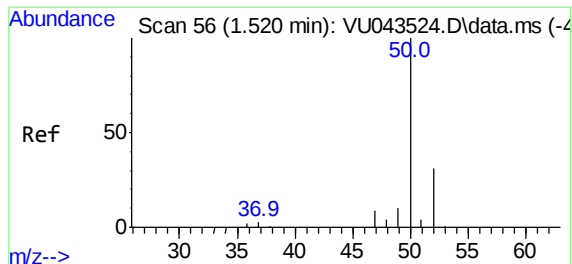
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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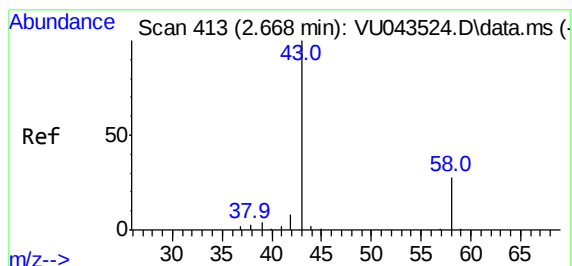
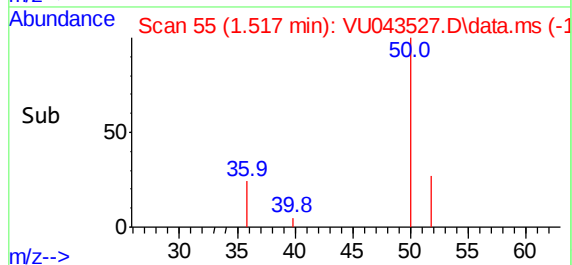
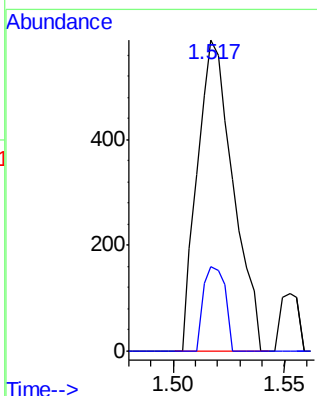
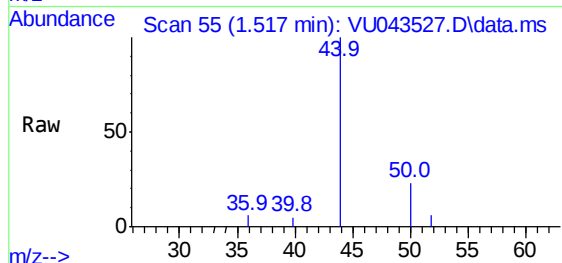




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

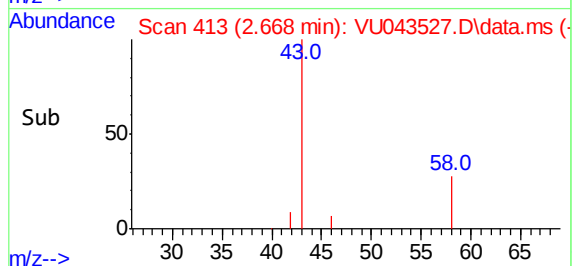
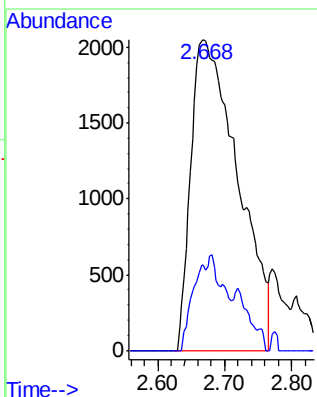
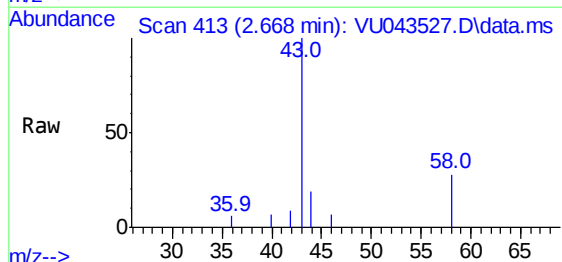
Instrument :
MSVOA_U
ClientSampleId :
GB3H7

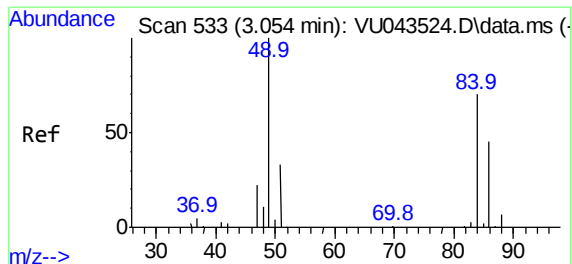
Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 26.9 22.1 41.1



#13
Acetone
Concen: 7.23 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Tgt Ion: 43 Resp: 9936
Ion Ratio Lower Upper
43 100
58 8.4 0.0 50.8

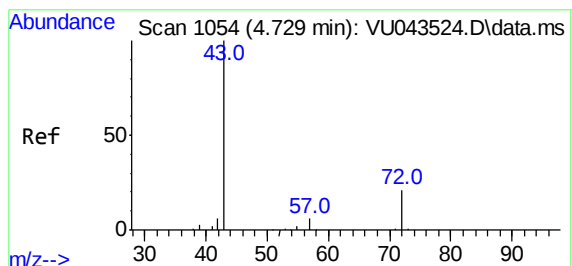
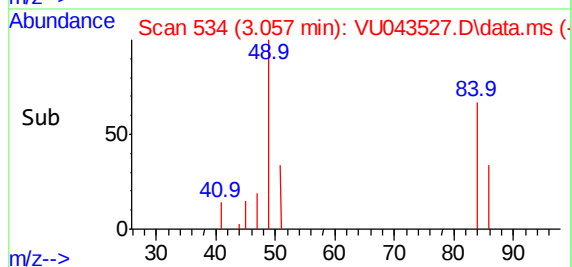
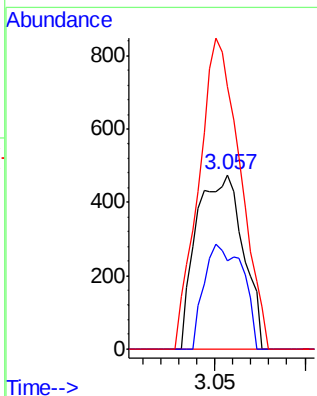
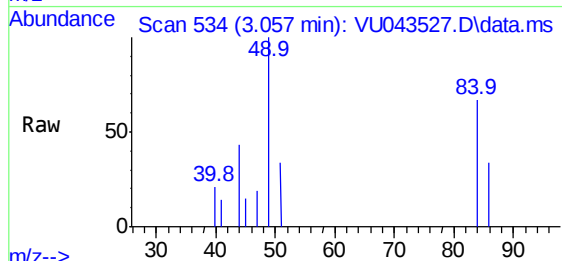




#16
Methylene chloride
Concen: 0.11 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

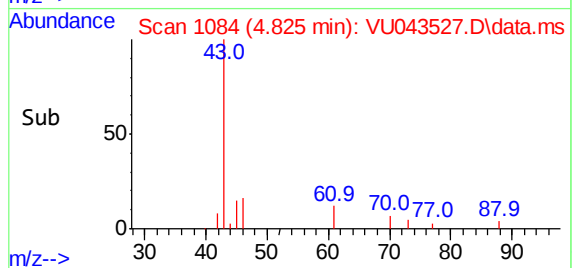
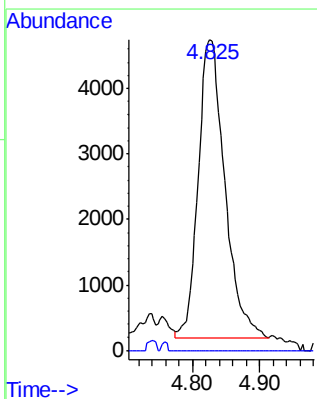
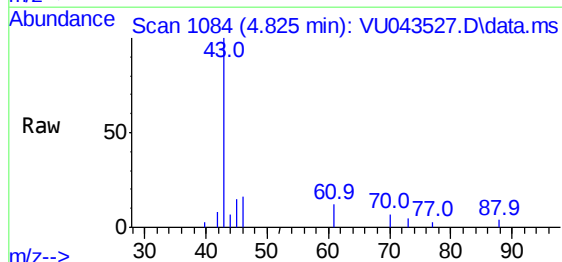
Instrument :
MSVOA_U
ClientSampled :
GB3H7

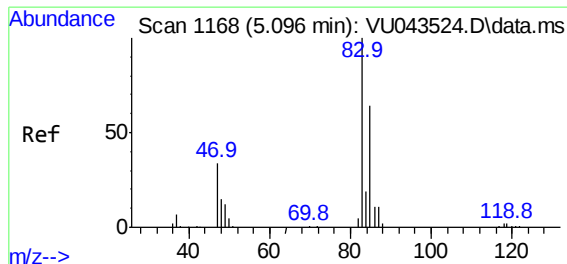
Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
86 50.5 45.6 84.6
49 150.3 107.0 198.8



#21
2-Butanone
Concen: 5.72 ug/L
RT: 4.825 min Scan# 1084
Delta R.T. 0.097 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Tgt Ion: 43 Resp: 12607
Ion Ratio Lower Upper
43 100
72 0.5 10.8 32.4#

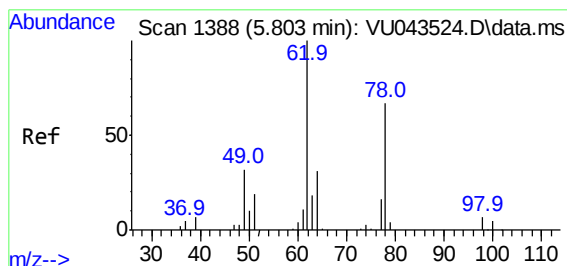
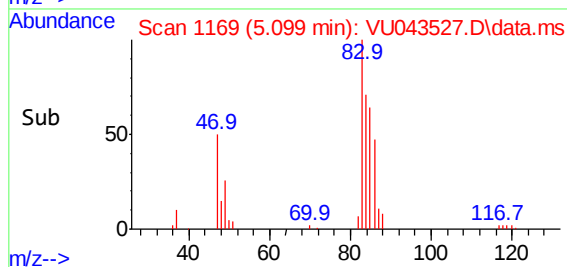
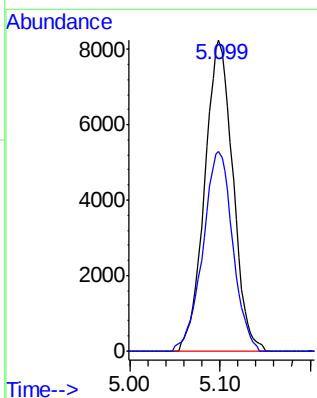
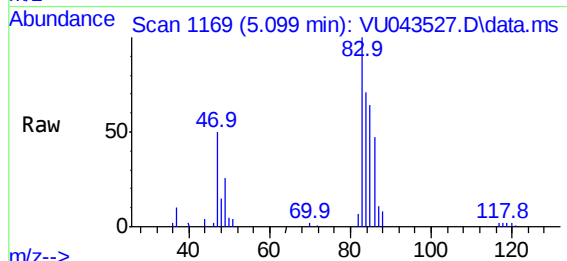




#25
Chloroform
Concen: 1.46 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

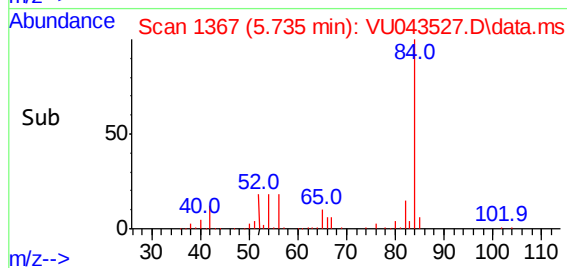
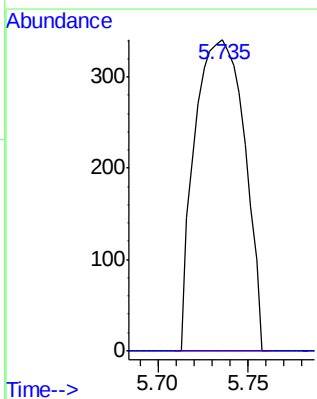
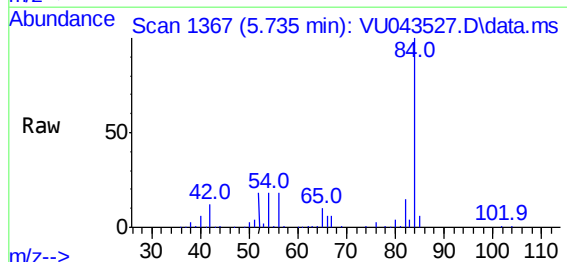
Instrument :
MSVOA_U
ClientSampled :
GB3H7

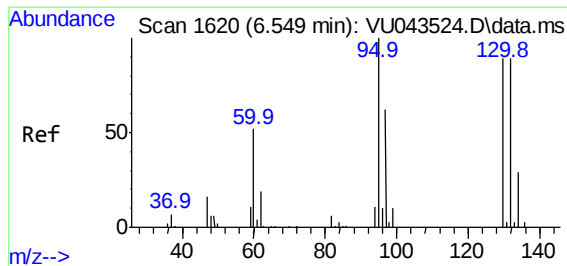
Tgt Ion: 83 Resp: 17786
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Tgt Ion: 62 Resp: 648
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#





#34

Trichloroethene

Concen: 0.24 ug/L

RT: 6.260 min Scan# 1530

Delta R.T. -0.289 min

Lab File: VU043527.D

Acq: 04 May 2021 18:10

Instrument :

MSVOA_U

ClientSampleId :

GB3H7

Tgt Ion: 95 Resp: 1338

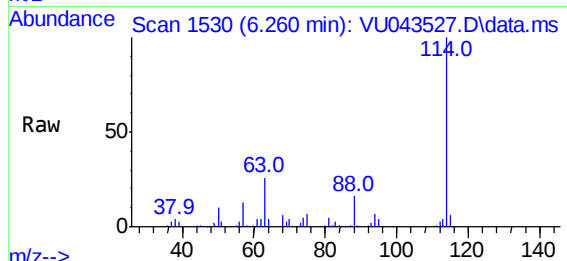
Ion Ratio Lower Upper

95 100

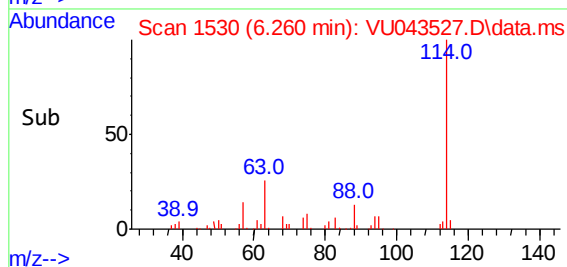
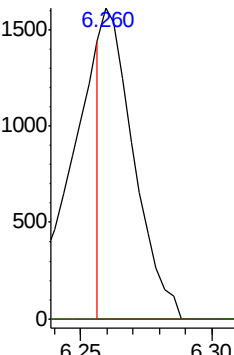
97 0.0 46.5 86.5#

132 0.0 64.1 119.1#

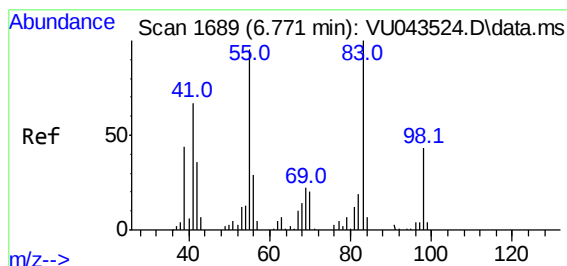
130 0.0 67.3 125.1#



Abundance



Time-->



#35

Methylcyclohexane

Concen: 1.19 ug/L

RT: 6.703 min Scan# 1668

Delta R.T. -0.067 min

Lab File: VU043527.D

Acq: 04 May 2021 18:10

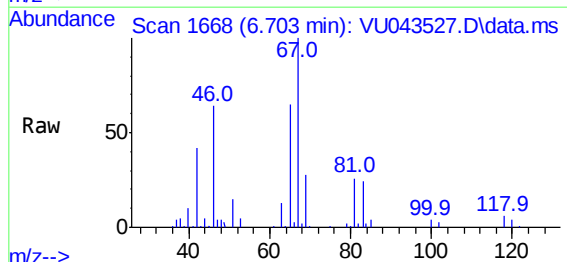
Tgt Ion: 83 Resp: 8615

Ion Ratio Lower Upper

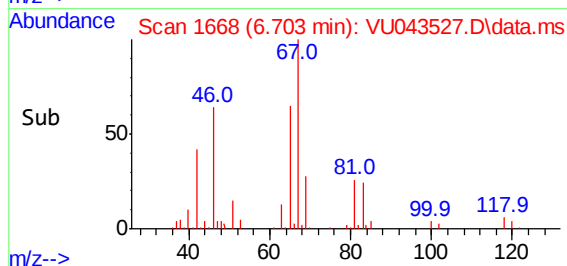
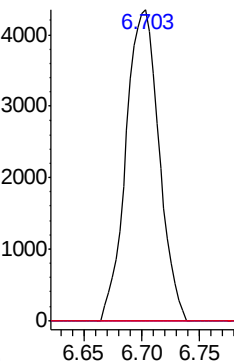
83 100

55 0.0 75.8 113.8#

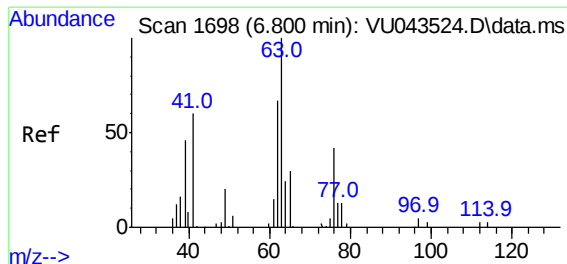
98 0.0 35.5 53.3#



Abundance



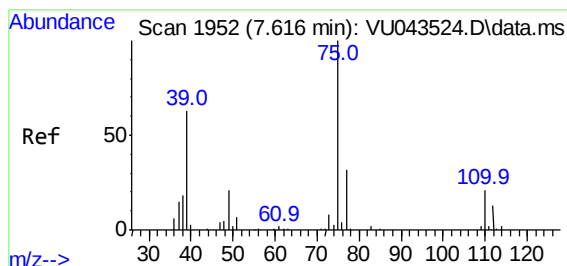
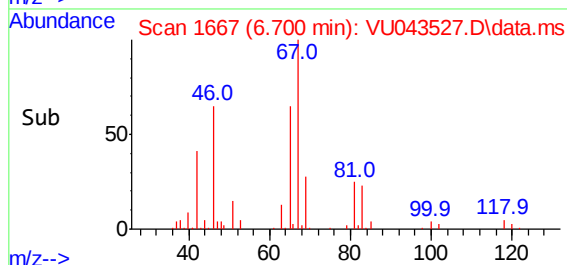
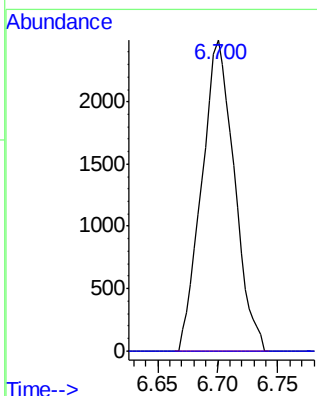
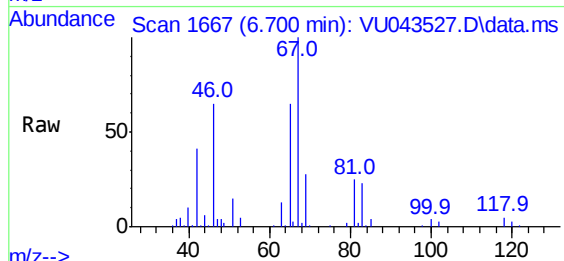
Time-->



#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

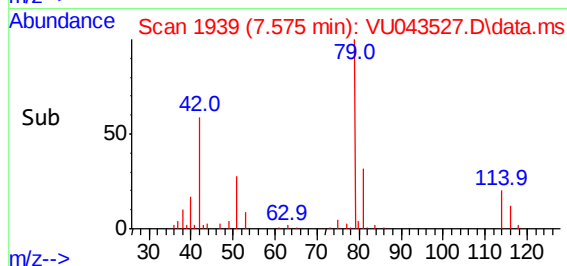
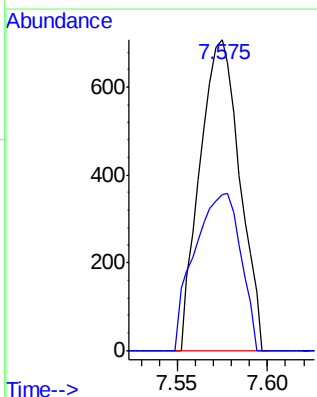
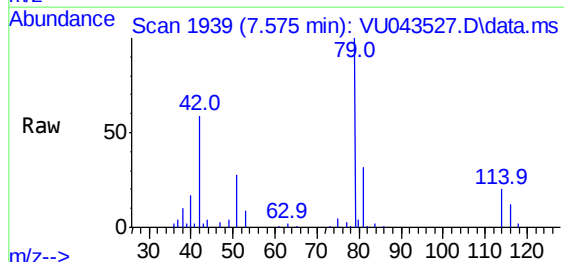
Instrument :
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ClientSampled :
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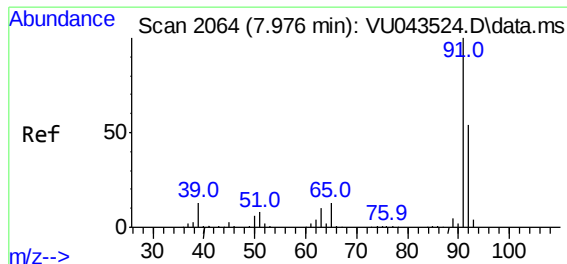
Tgt Ion: 63 Resp: 4574
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Tgt Ion: 75 Resp: 1079
Ion Ratio Lower Upper
75 100
77 50.1 21.9 40.7#

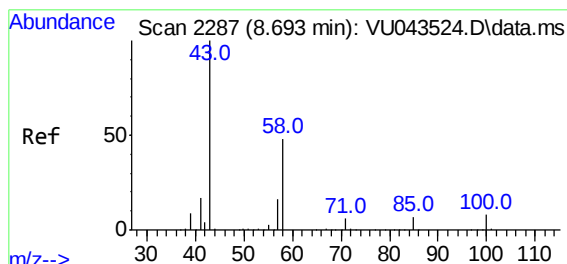
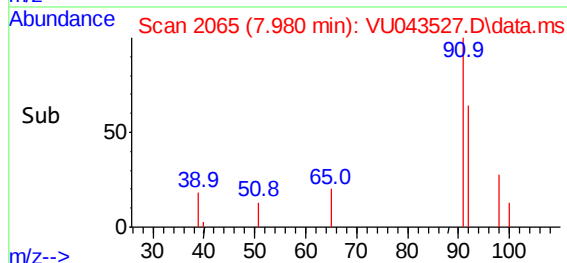
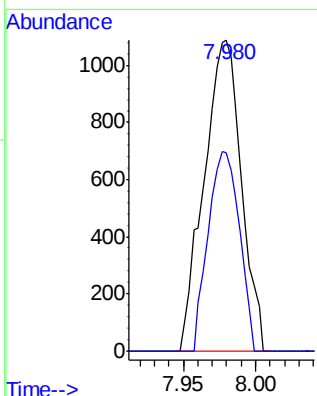
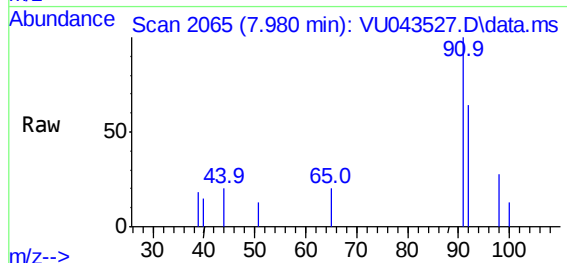




#42
Toluene
Concen: 0.09 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

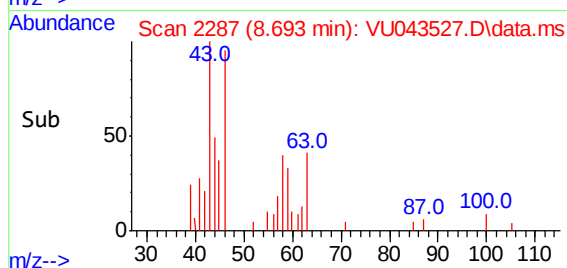
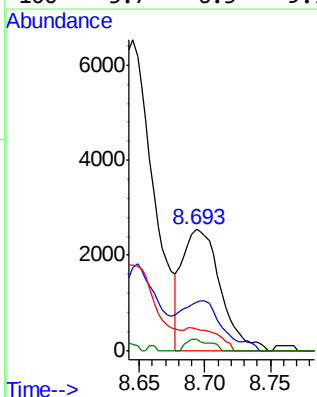
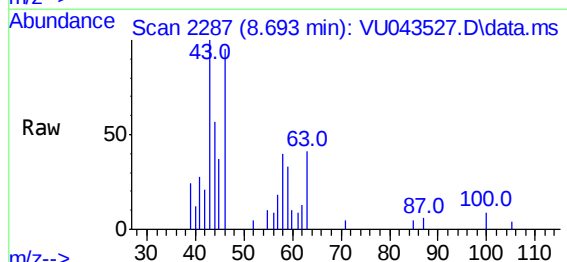
Instrument :
MSVOA_U
ClientSampled :
GB3H7

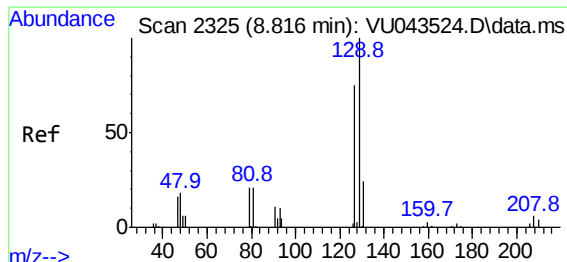
Tgt Ion: 91 Resp: 1952
Ion Ratio Lower Upper
91 100
92 63.5 39.1 72.5



#48
2-Hexanone
Concen: 1.28 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Tgt Ion: 43 Resp: 5098
Ion Ratio Lower Upper
43 100
58 46.2 36.8 55.2
57 15.0 13.2 19.8
100 5.7 6.5 9.7#

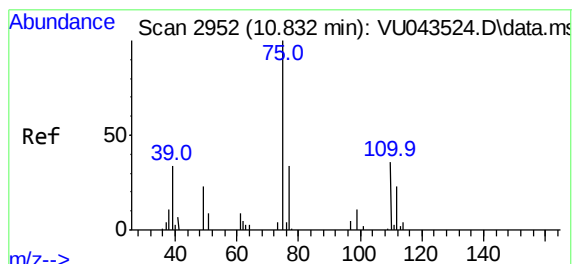
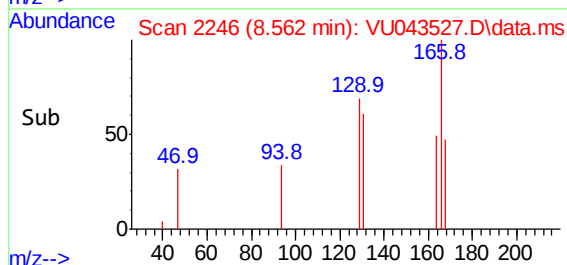
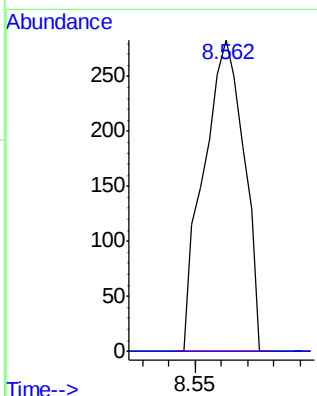
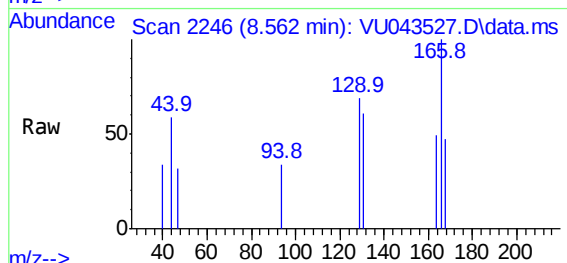




#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Instrument :
MSVOA_U
ClientSampleId :
GB3H7

Tgt Ion:129 Resp: 301
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#61
1,2,3-Trichloropropane
Concen: 1.31 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043527.D
Acq: 04 May 2021 18:10

Tgt Ion: 75 Resp: 4869
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 35.8 25.7 38.5

