

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043804.D
 Acq On : 18 May 2021 10:32
 Operator : SY/MD
 Sample : VU0518WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:41:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

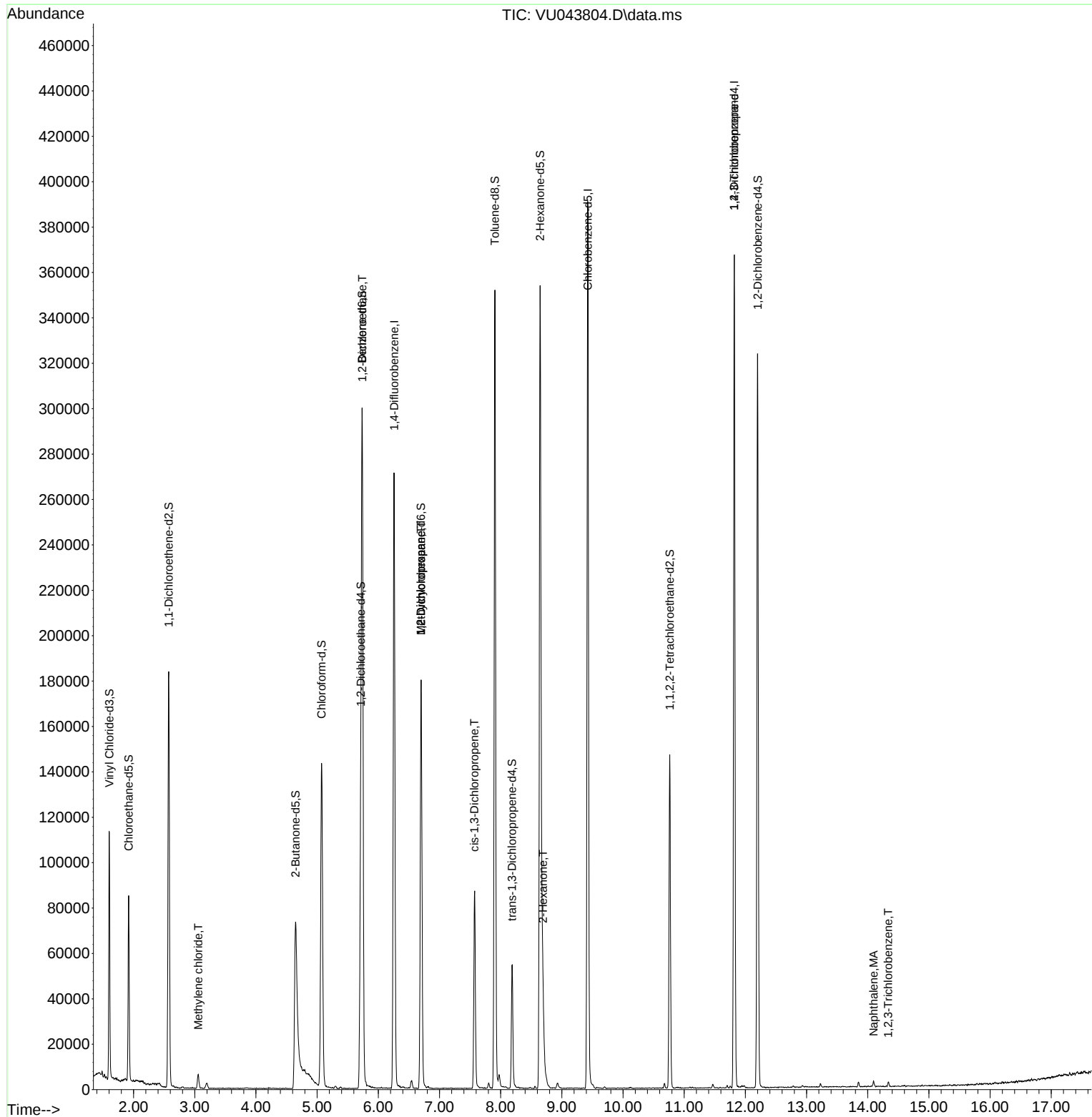
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	224643	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	229266	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103007	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	78397	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.919	69	59055	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.575	65	34582	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.649	46	156053	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	5.073	84	136843	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.713	65	71892	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.735	84	283360	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	92042	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.906	98	236295	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	8.185	79	31873	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.645	63	152237	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74236	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	90977	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						Qvalue
16) Methylene chloride	3.057	84	2623	0.12	ug/L	96
27) 1,2-Dichloroethane	5.739	62	1428	0.08	ug/L #	74
35) Methylcyclohexane	6.700	83	21179	0.80	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	9001	0.52	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	2022	0.09	ug/L #	58
48) 2-Hexanone	8.690	43	8268	1.01	ug/L #	94
61) 1,2,3-Trichloropropane	11.819	75	11521	1.17	ug/L #	68
71) Naphthalene	14.095	128	2387	0.07	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.336	180	909	0.05	ug/L #	90

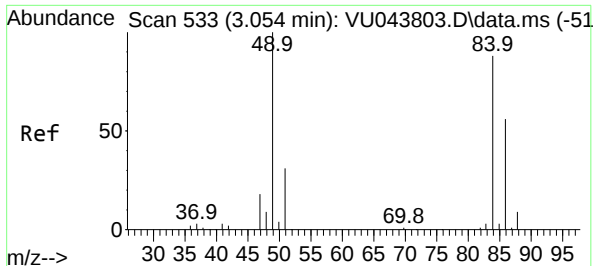
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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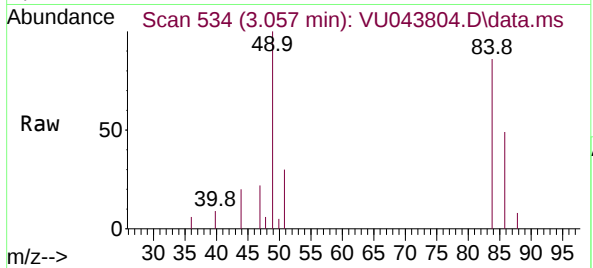
Quant Time: May 19 01:41:14 2021
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Quant Title : TRACE VOA SFAM1.0
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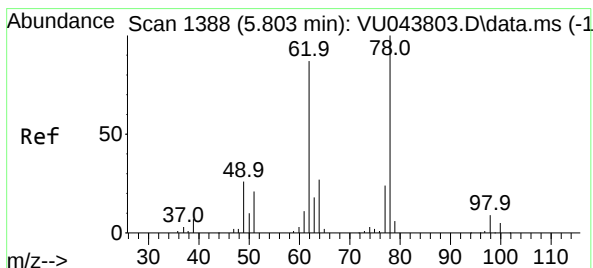
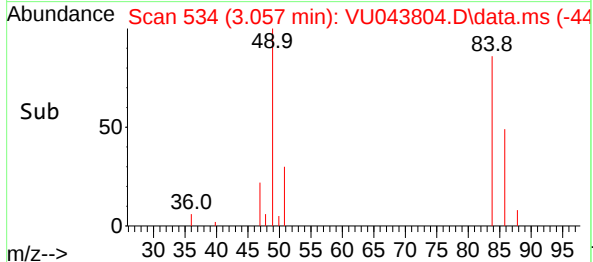
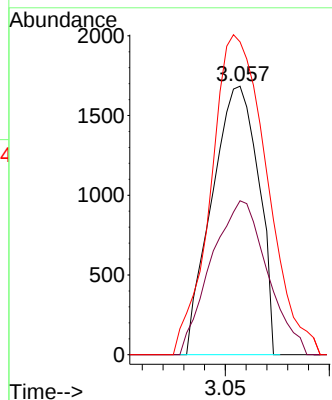
#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043804.D
Acq: 18 May 2021 10:32

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 84 Resp: 2623

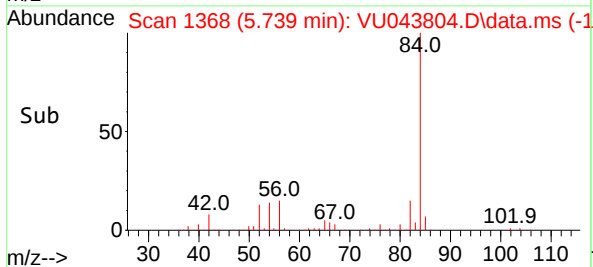
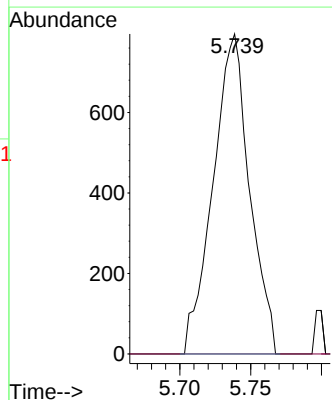
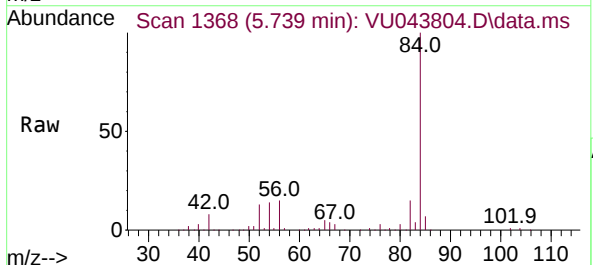
Ion	Ratio	Lower	Upper
84	100		
86	57.4	44.7	82.9
49	116.5	83.1	154.3

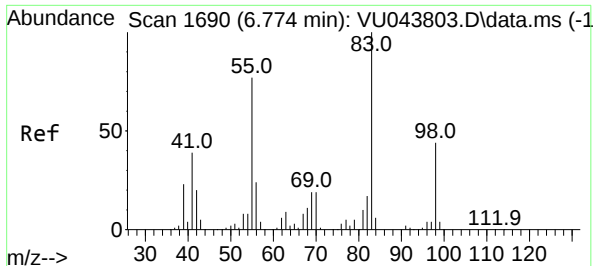


#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043804.D
Acq: 18 May 2021 10:32

Tgt Ion: 62 Resp: 1428

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.7	11.5#





#35

Methylcyclohexane

Concen: 0.80 ug/L

RT: 6.700 min Scan# 1667

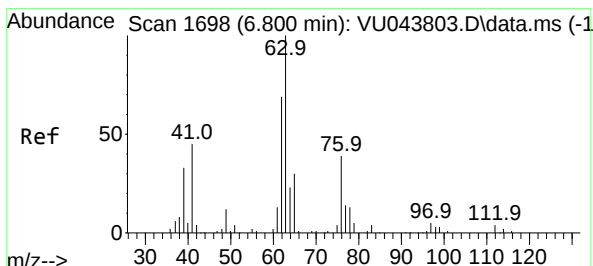
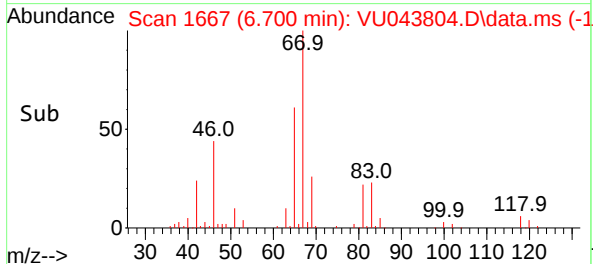
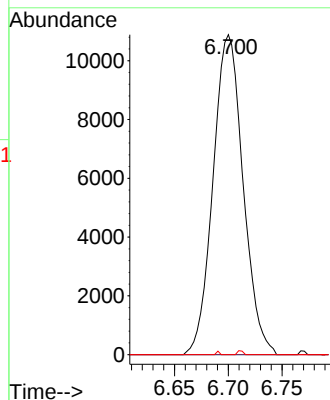
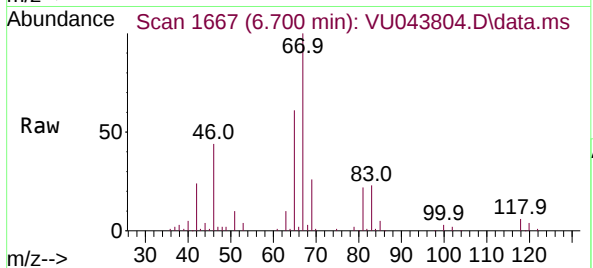
Delta R.T. -0.074 min

Lab File: VU043804.D

Acq: 18 May 2021 10:32

Tgt Ion:	83	Resp:	21179
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.8	97.2#
98	0.2	35.9	53.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.52 ug/L

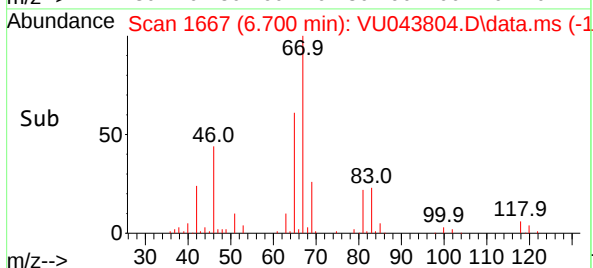
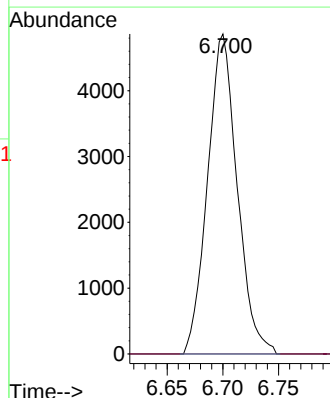
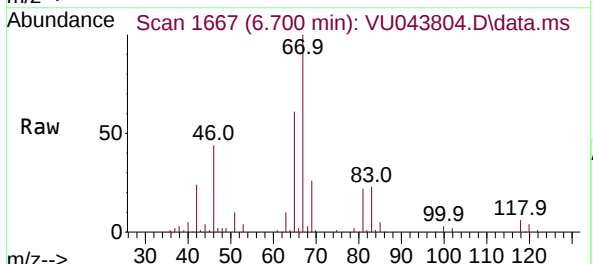
RT: 6.700 min Scan# 1667

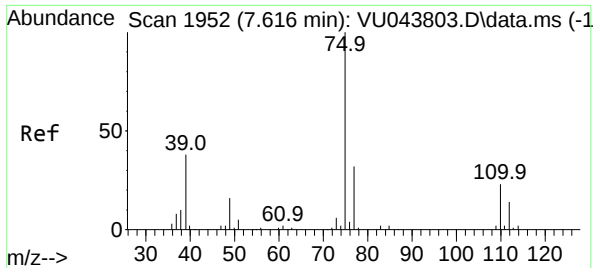
Delta R.T. -0.100 min

Lab File: VU043804.D

Acq: 18 May 2021 10:32

Tgt Ion:	63	Resp:	9001
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#

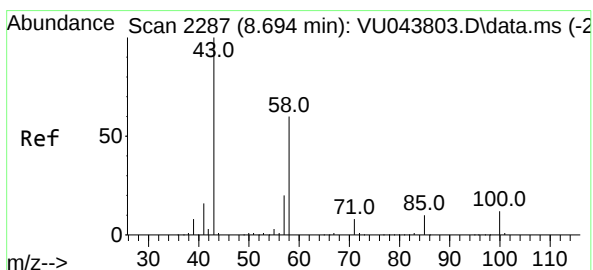
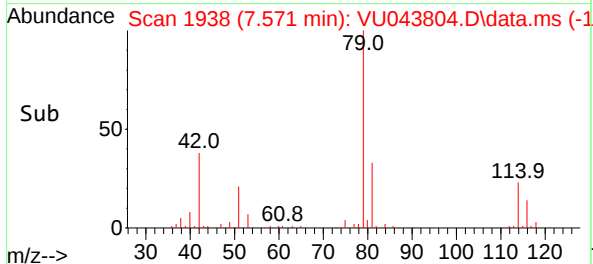
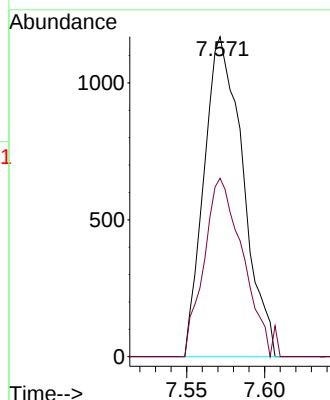
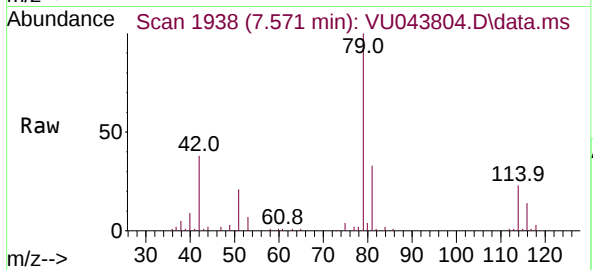




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043804.D
Acq: 18 May 2021 10:32

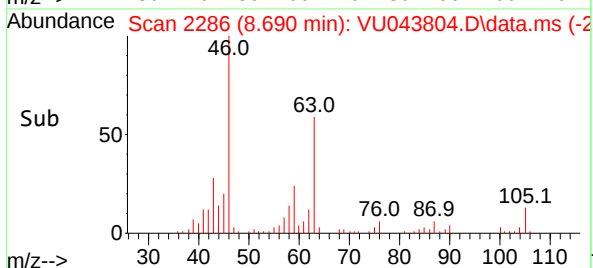
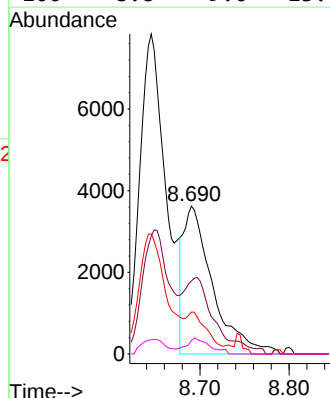
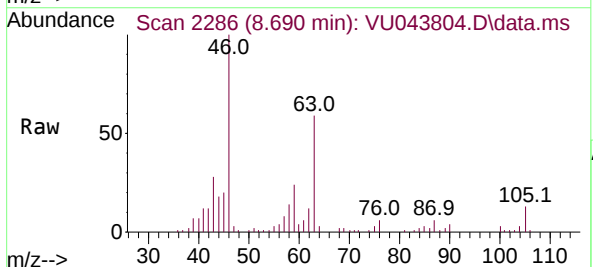
Instrument :
MSVOA_U
ClientSampled :

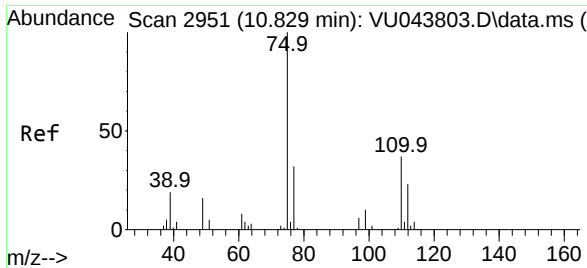
Tgt Ion: 75 Resp: 2022
Ion Ratio Lower Upper
75 100
77 55.8 22.5 41.7#



#48
2-Hexanone
Concen: 1.01 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043804.D
Acq: 18 May 2021 10:32

Tgt Ion: 43 Resp: 8268
Ion Ratio Lower Upper
43 100
58 53.6 47.0 70.4
57 18.7 15.8 23.8
100 8.8 9.0 13.4#

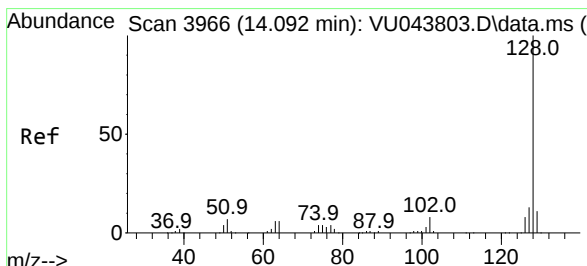
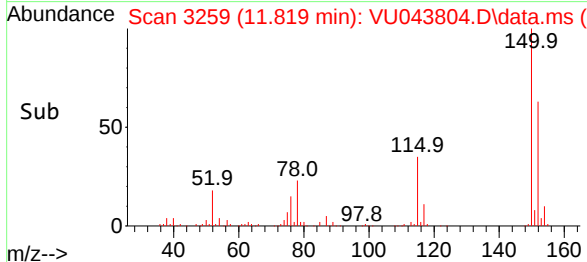
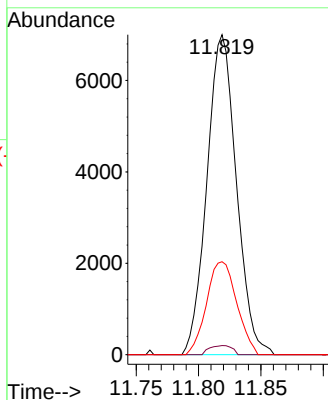
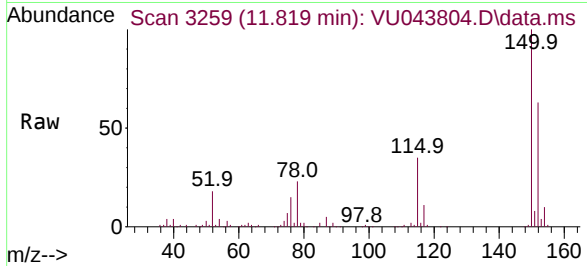




#61
1,2,3-Trichloropropane
Concen: 1.17 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043804.D
Acq: 18 May 2021 10:32

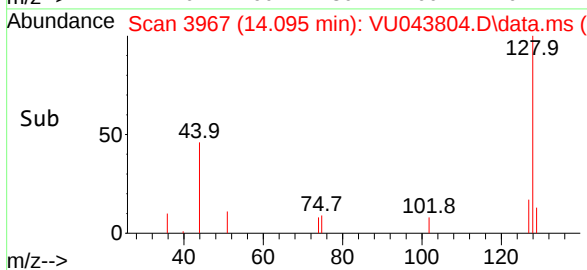
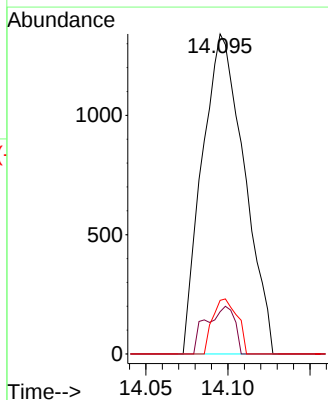
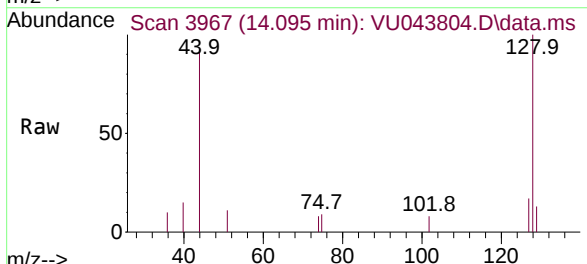
Instrument :
MSVOA_U
ClientSampled :

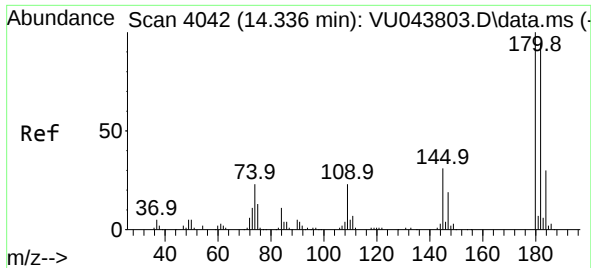
Tgt Ion: 75 Resp: 11521
Ion Ratio Lower Upper
75 100
110 2.2 27.9 41.9#
77 29.7 25.9 38.9



#71
Naphthalene
Concen: 0.07 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043804.D
Acq: 18 May 2021 10:32

Tgt Ion: 128 Resp: 2387
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 10.1 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.05 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. -0.000 min
 Lab File: VU043804.D
 Acq: 18 May 2021 10:32

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 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 909
 Ion Ratio Lower Upper
 180 100
 182 103.5 77.0 115.4
 145 20.1 24.6 36.8#

