

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043282.D
 Acq On : 22 Apr 2021 16:48
 Operator : SY/MD
 Sample : M2124-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4527

Quant Time: Apr 22 23:42:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

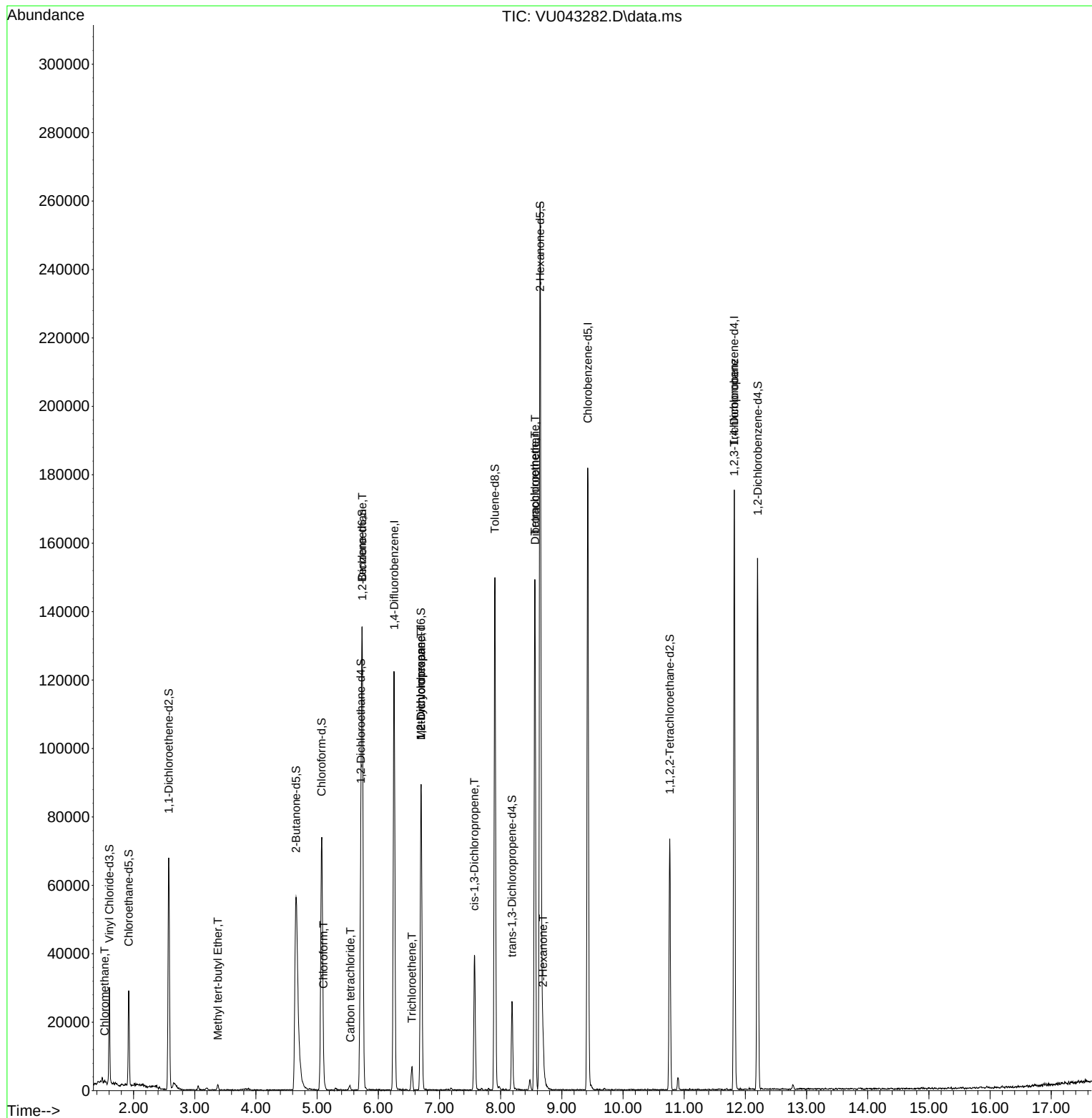
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	88991	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	92057	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18764	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.919	69	18844	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.575	65	13065	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.655	46	131577	66.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.58%#
24) Chloroform-d	5.073	84	63068	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.713	65	41060	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.735	84	108383	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	37272	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.906	98	90233	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloroprop...	8.186	79	12683	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	76692	48.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33381	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	38304	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	582	0.10	ug/L	100
17) Methyl tert-butyl Ether	3.375	73	1445	0.09	ug/L #	84
25) Chloroform	5.102	83	2835	0.23	ug/L	88
27) 1,2-Dichloroethane	5.739	62	790	0.09	ug/L #	74
31) Carbon tetrachloride	5.543	117	864	0.09	ug/L #	77
34) Trichloroethene	6.549	95	2091	0.31	ug/L	94
35) Methylcyclohexane	6.700	83	8995	0.96	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4735	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	928	0.09	ug/L #	62
47) Tetrachloroethene	8.558	164	32008	5.95	ug/L	90
48) 2-Hexanone	8.694	43	6528	1.43	ug/L #	68
49) Dibromochloromethane	8.562	129	29016	4.44	ug/L #	9
61) 1,2,3-Trichloropropane	11.816	75	5680	1.30	ug/L #	64

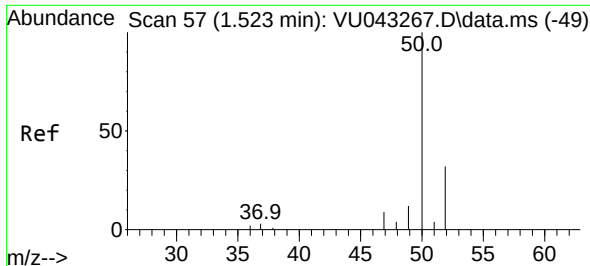
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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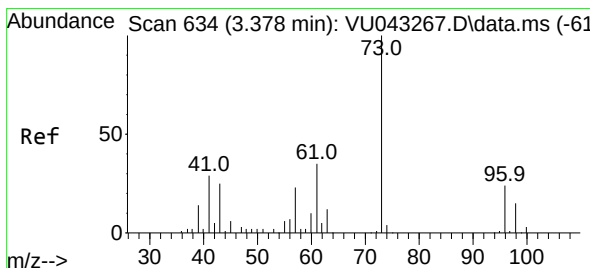
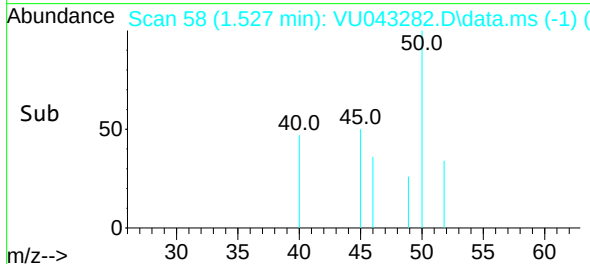
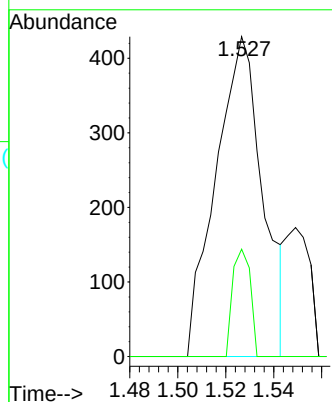
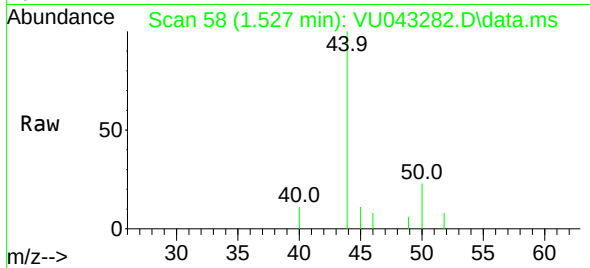




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

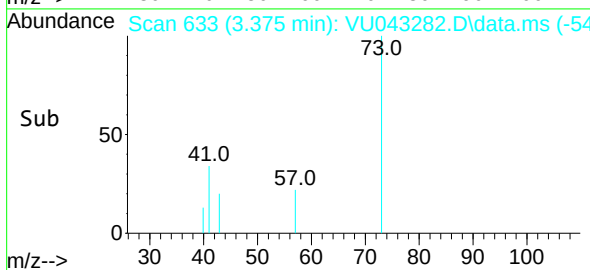
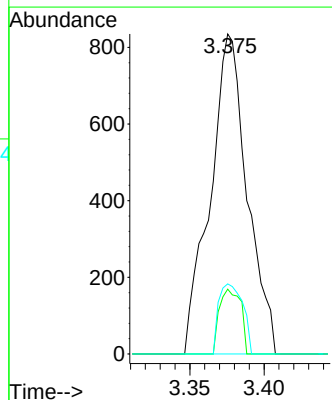
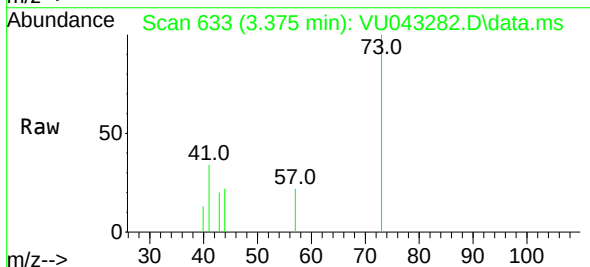
Instrument :
MSVOA_U
ClientSampleId :
H4527

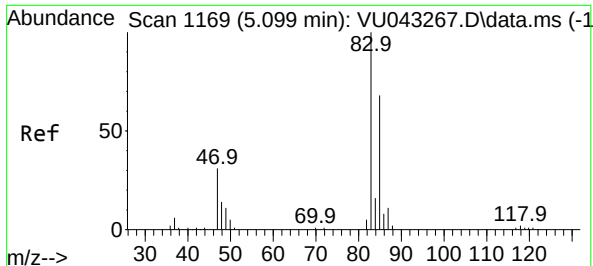
Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 33.6 23.6 43.8



#17
Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Tgt Ion: 73 Resp: 1445
Ion Ratio Lower Upper
73 100
43 11.6 15.0 22.4#
57 14.2 17.3 25.9#



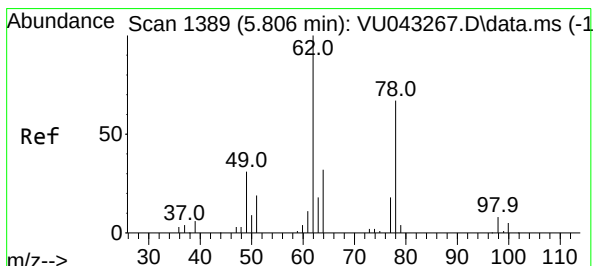
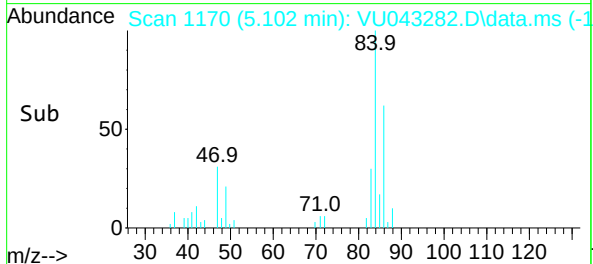
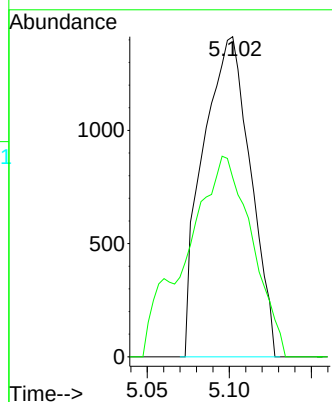
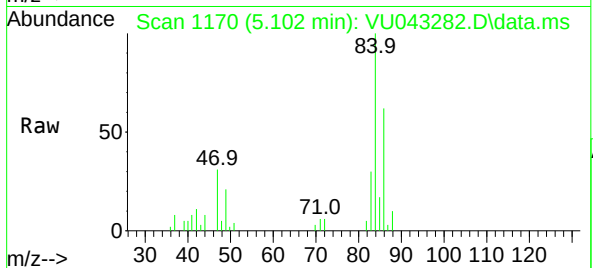


#25

Chloroform
Concen: 0.23 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Instrument :
MSVOA_U
ClientSampled :
H4527

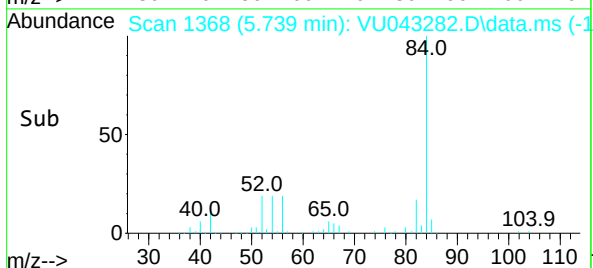
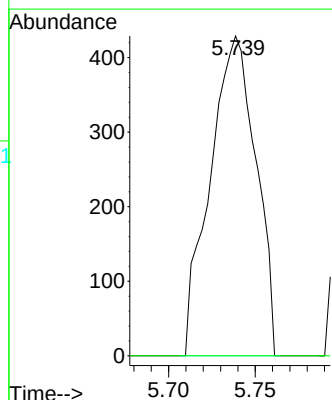
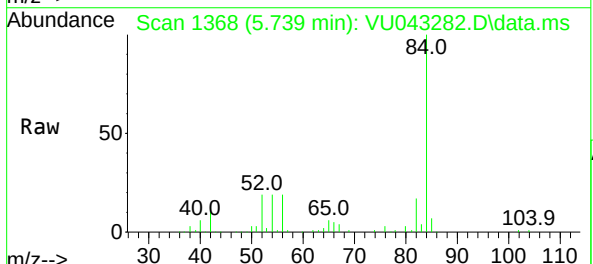
Tgt Ion: 83 Resp: 2835
Ion Ratio Lower Upper
83 100
85 56.0 45.6 84.8

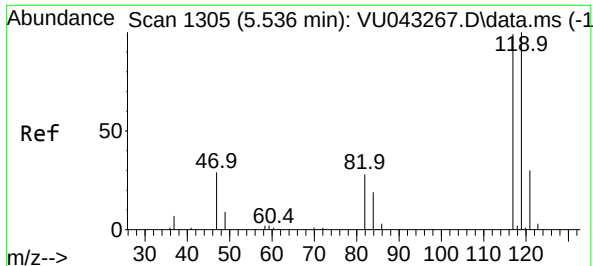


#27

1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.067 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Tgt Ion: 62 Resp: 790
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

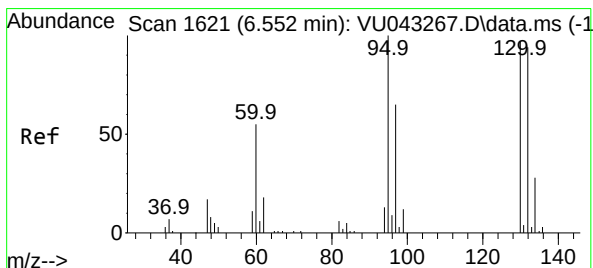
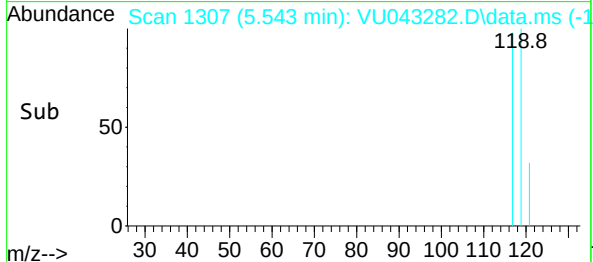
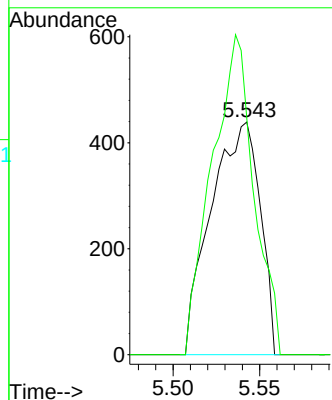
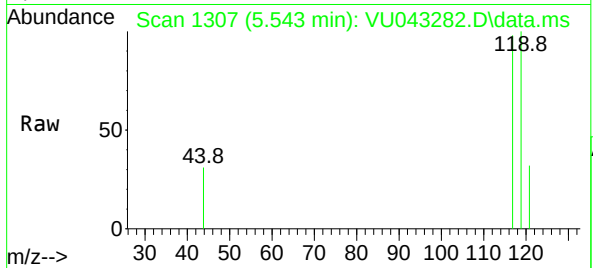




#31
Carbon tetrachloride
Concen: 0.09 ug/L
RT: 5.543 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

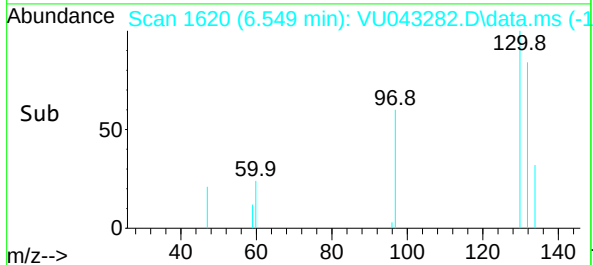
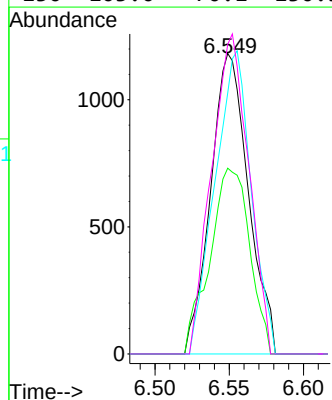
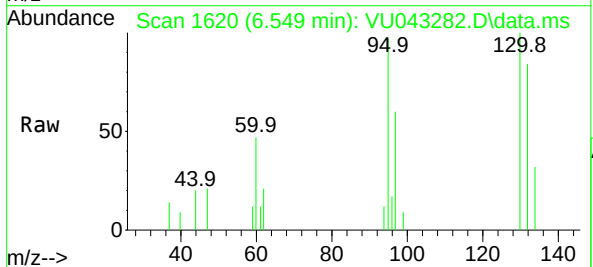
Instrument :
MSVOA_U
ClientSampleId :
H4527

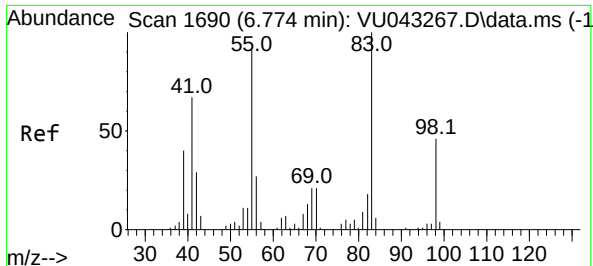
Tgt Ion:117 Resp: 864
Ion Ratio Lower Upper
117 100
119 117.8 76.2 114.4#



#34
Trichloroethene
Concen: 0.31 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Tgt Ion: 95 Resp: 2091
Ion Ratio Lower Upper
95 100
97 61.8 45.8 85.2
132 86.9 68.7 127.7
130 103.0 70.1 130.3

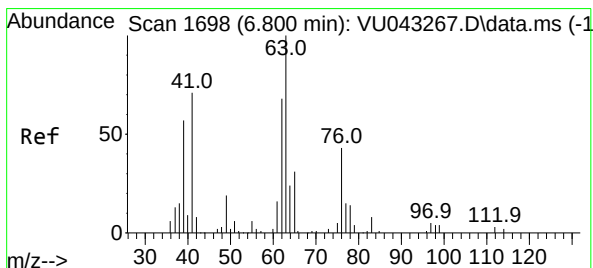
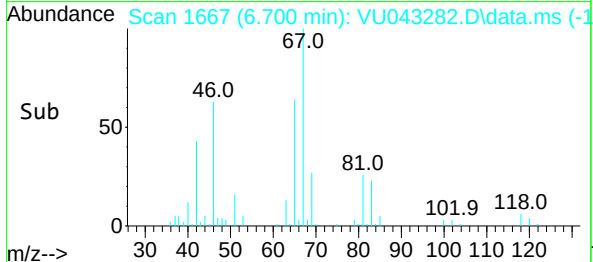
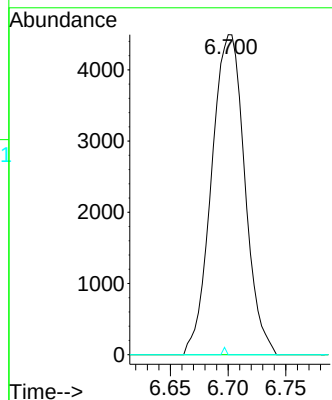
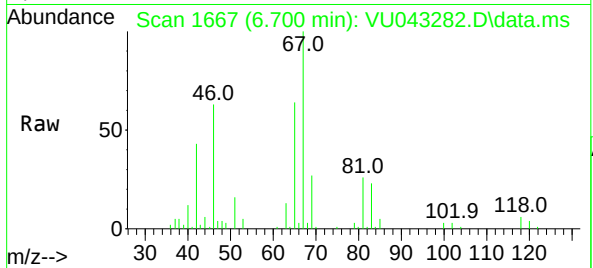




#35
Methylcyclohexane
Concen: 0.96 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

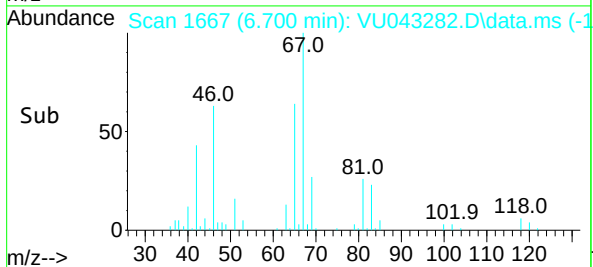
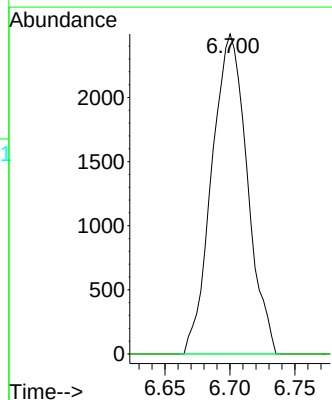
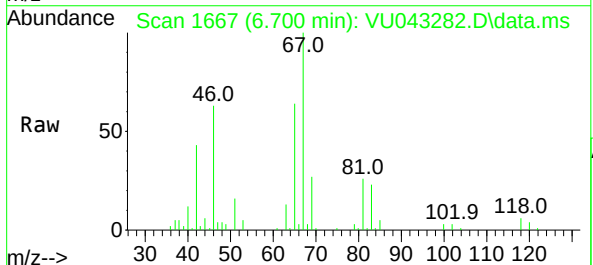
Instrument :
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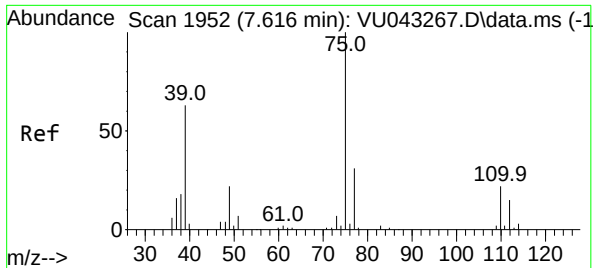
Tgt Ion:	83	Resp:	8995
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.2	37.9	56.9#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Tgt Ion:	63	Resp:	4735
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



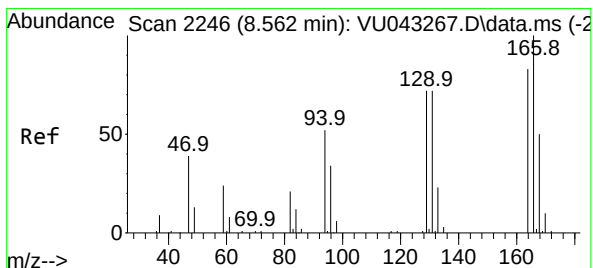
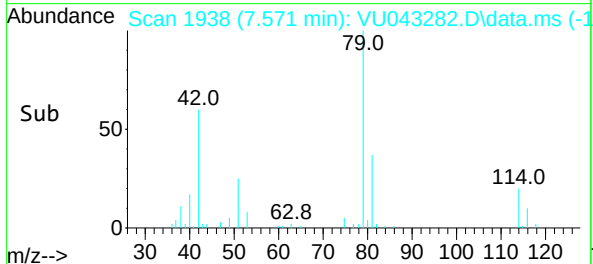
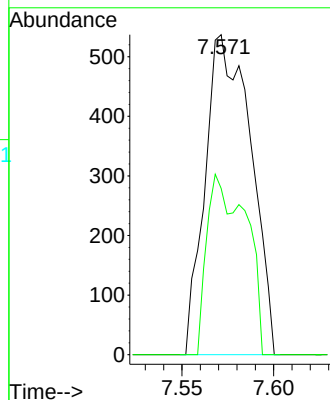
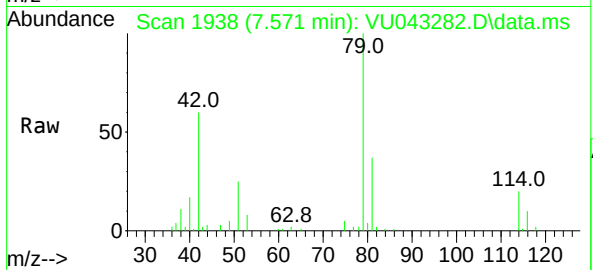


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Instrument :
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ClientSampleId :
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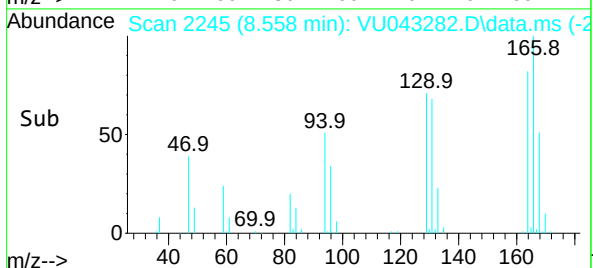
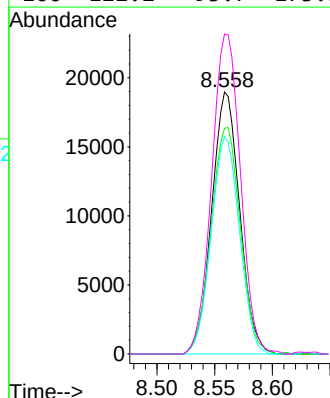
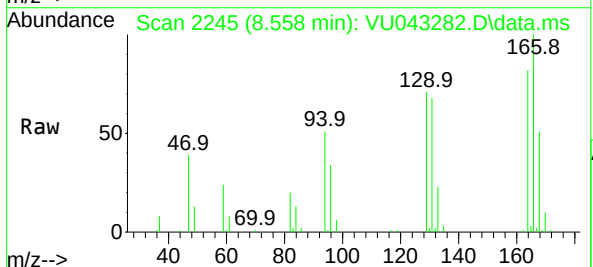
Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
77 52.0 21.8 40.6#

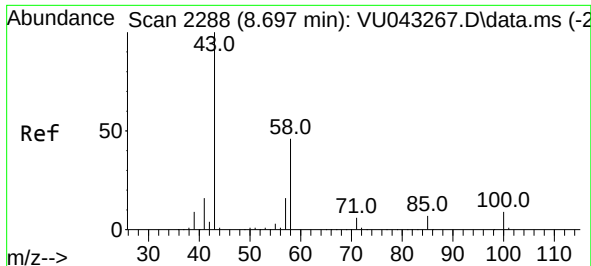


#47

Tetrachloroethene
Concen: 5.95 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

Tgt Ion: 164 Resp: 32008
Ion Ratio Lower Upper
164 100
129 86.2 66.6 123.8
131 83.0 65.9 122.3
166 122.2 93.7 173.9

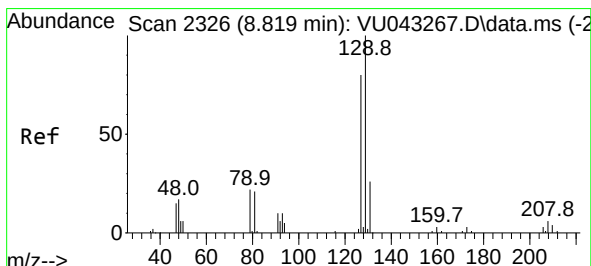
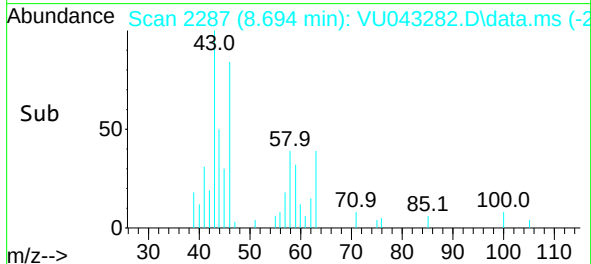
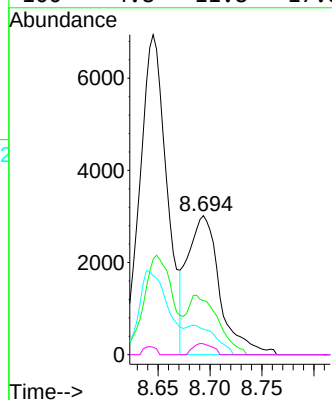
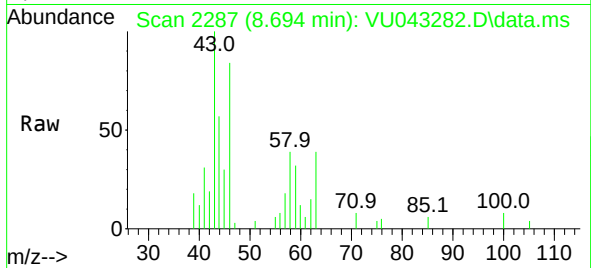




#48
2-Hexanone
Concen: 1.43 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

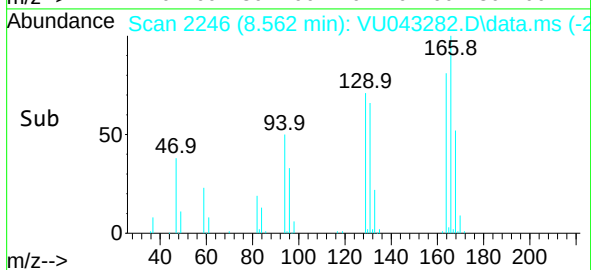
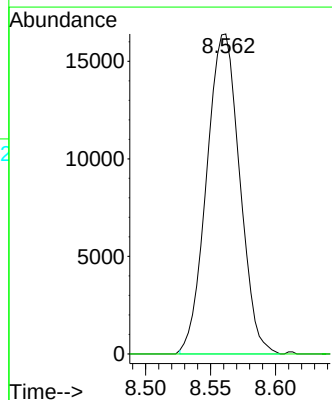
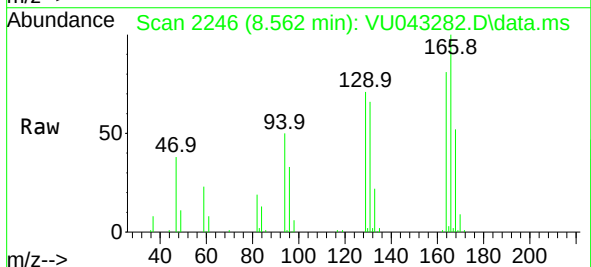
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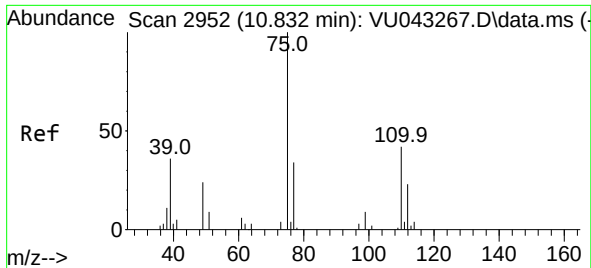
Tgt Ion:	43	Resp:	6528
Ion	Ratio	Lower	Upper
43	100		
58	39.8	50.0	75.0#
57	0.0	17.4	26.0#
100	4.8	11.8	17.8#



#49
Dibromochloromethane
Concen: 4.44 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043282.D
Acq: 22 Apr 2021 16:48

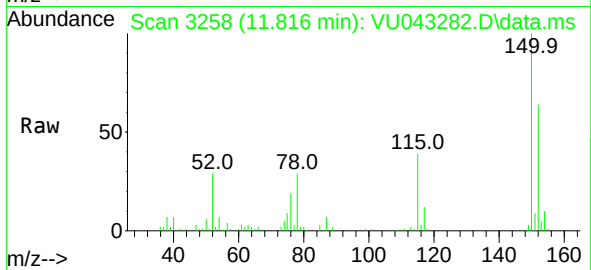
Tgt Ion:	129	Resp:	29016
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.30 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043282.D
 Acq: 22 Apr 2021 16:48

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 5680
 Ion Ratio Lower Upper
 75 100
 110 0.8 31.5 47.3#
 77 34.5 26.3 39.5

