

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043432.D
 Acq On : 29 Apr 2021 18:03
 Operator : SY/MD
 Sample : M2197-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:31:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

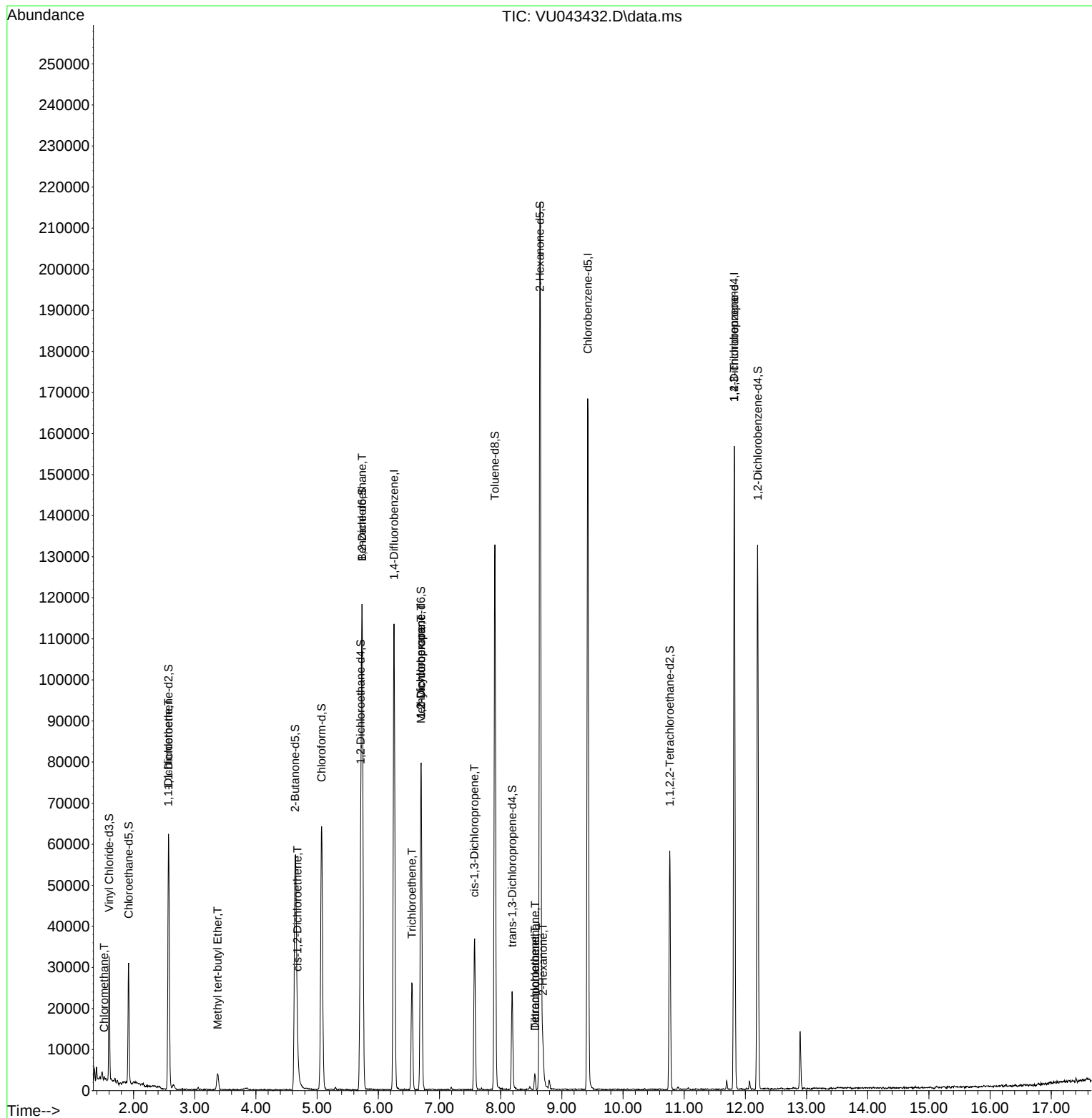
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81798	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	84104	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37668	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19581	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	1.919	69	19689	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.572	65	12115	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	4.642	46	103700	56.84	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.68%			
24) Chloroform-d	5.073	84	55613	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.713	65	34345	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.736	84	97378	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.700	67	35063	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.906	98	81194	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloroprop...	8.189	79	12397	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.642	63	64021	44.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.52%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28018	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
66) 1,2-Dichlorobenzene-d4	12.202	152	31816	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	669	0.13	ug/L	95
12) 1,1-Dichloroethene	2.568	96	396	0.09	ug/L #	1
17) Methyl tert-butyl Ether	3.376	73	3916	0.26	ug/L #	92
22) cis-1,2-Dichloroethene	4.678	96	518	0.09	ug/L	85
27) 1,2-Dichloroethane	5.736	62	695	0.08	ug/L #	74
34) Trichloroethene	6.549	95	8564	1.38	ug/L	95
35) Methylcyclohexane	6.697	83	7913	0.92	ug/L #	22
37) 1,2-Dichloropropane	6.700	63	4312	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.572	75	1005	0.11	ug/L	90
47) Tetrachloroethene	8.559	164	713	0.15	ug/L	96
48) 2-Hexanone	8.690	43	4348	1.04	ug/L #	81
49) Dibromochloromethane	8.562	129	807	0.14	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5096	1.31	ug/L #	61

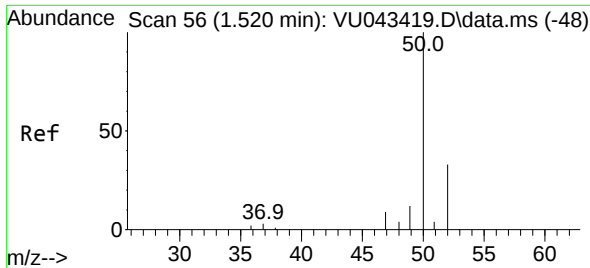
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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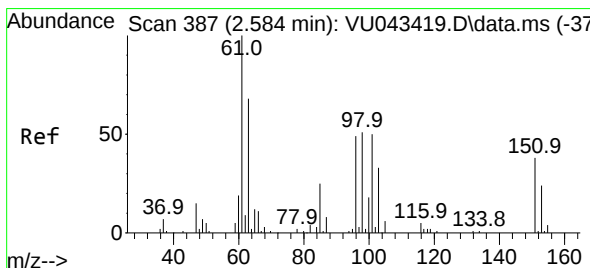
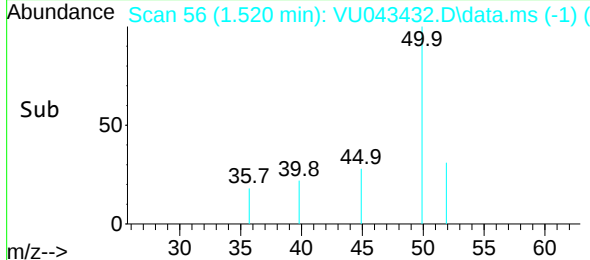
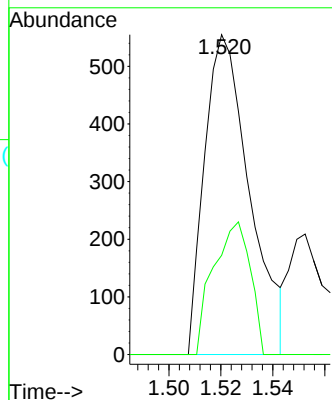
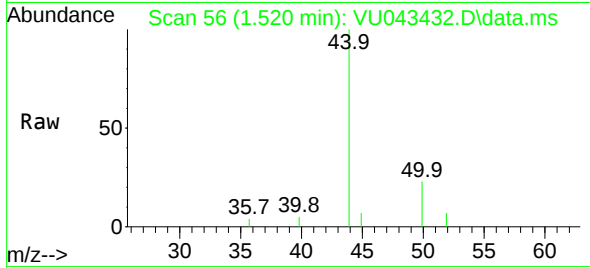




#3
Chloromethane
Concen: 0.13 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043432.D
Acq: 29 Apr 2021 18:03

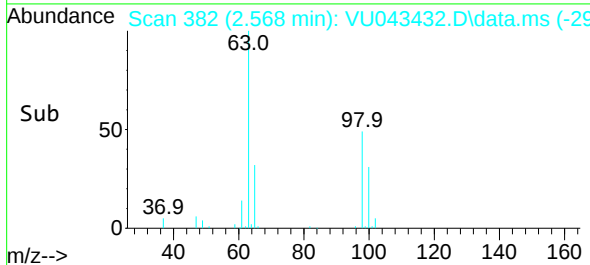
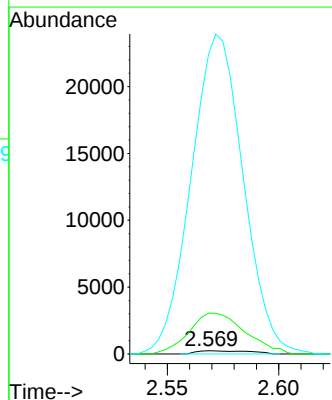
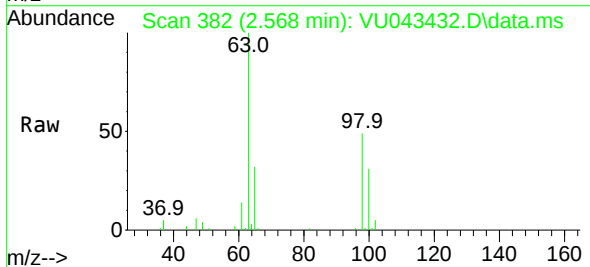
Instrument :
MSVOA_U
ClientSampleId :

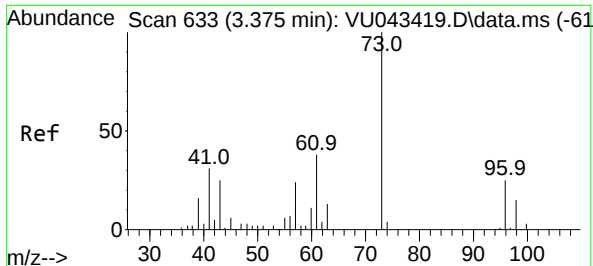
Tgt Ion: 50 Resp: 669
Ion Ratio Lower Upper
50 100
52 31.0 23.6 43.8



#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU043432.D
Acq: 29 Apr 2021 18:03

Tgt Ion: 96 Resp: 396
Ion Ratio Lower Upper
96 100
61 1300.4 115.1 213.7#
63 9535.3 84.1 156.1#





#17

Methyl tert-butyl Ether

Concen: 0.26 ug/L

RT: 3.376 min Scan# 633

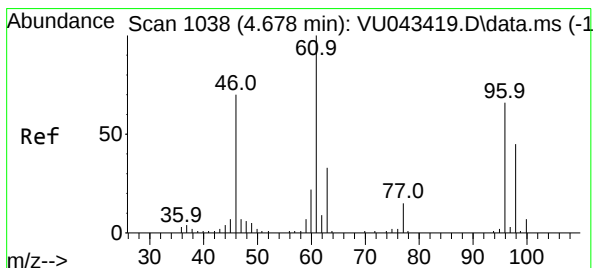
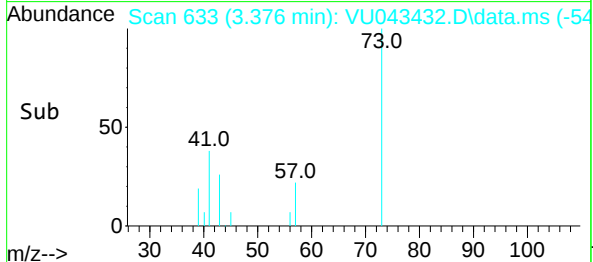
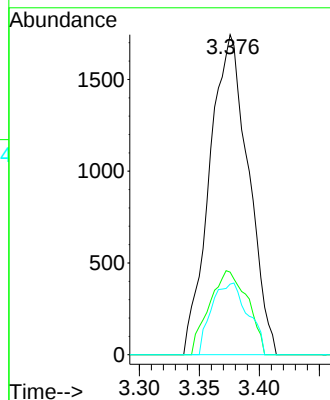
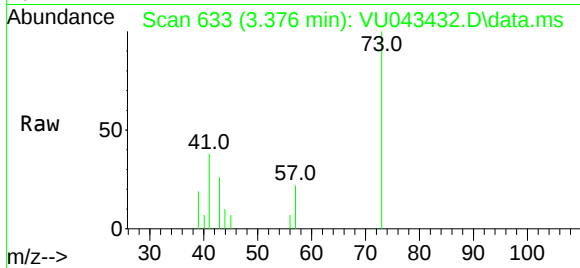
Delta R.T. 0.000 min

Lab File: VU043432.D

Acq: 29 Apr 2021 18:03

Tgt Ion: 73	Resp:	3916
Ion	Ratio	Lower Upper
73	100	
43	26.0	15.0 22.4#
57	21.0	17.3 25.9

Instrument :
MSVOA_U
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.09 ug/L

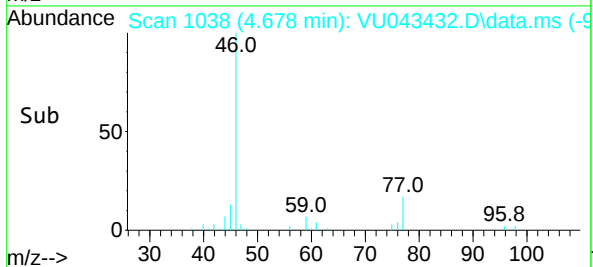
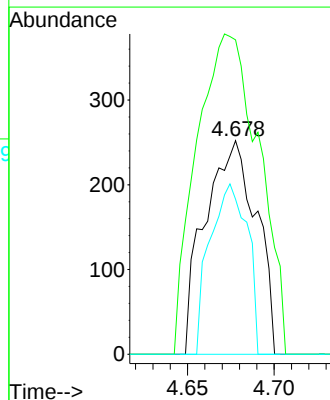
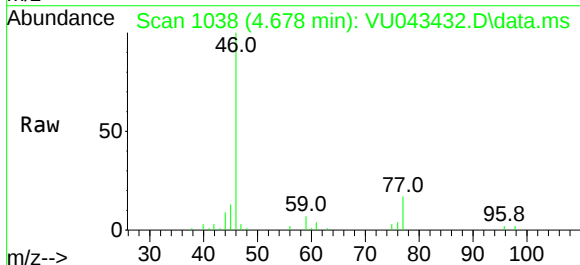
RT: 4.678 min Scan# 1038

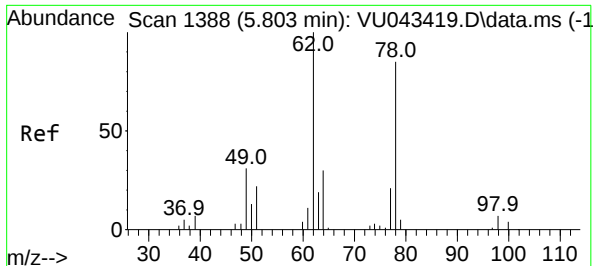
Delta R.T. 0.000 min

Lab File: VU043432.D

Acq: 29 Apr 2021 18:03

Tgt Ion: 96	Resp:	518
Ion	Ratio	Lower Upper
96	100	
61	147.2	87.4 162.4
98	72.6	47.7 88.5



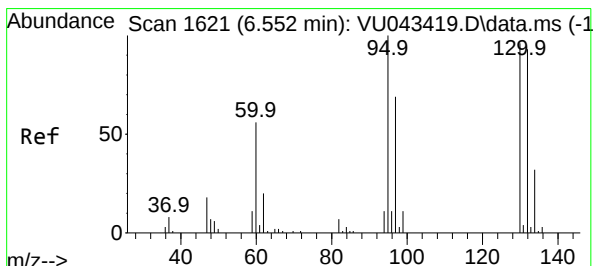
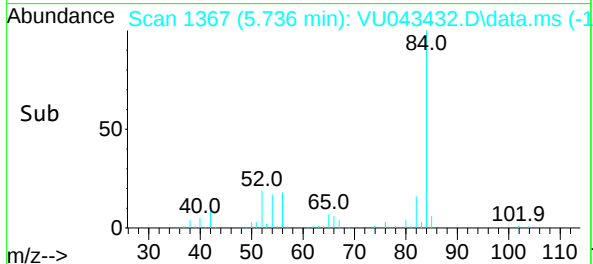
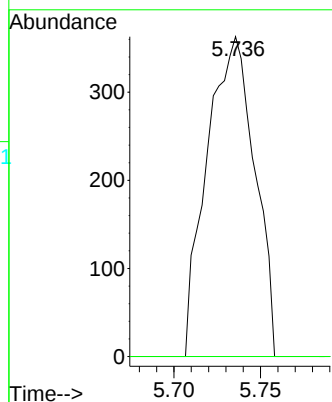
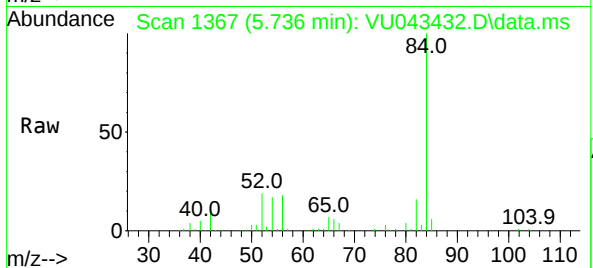


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043432.D
Acq: 29 Apr 2021 18:03

Instrument :
MSVOA_U
ClientSampled :

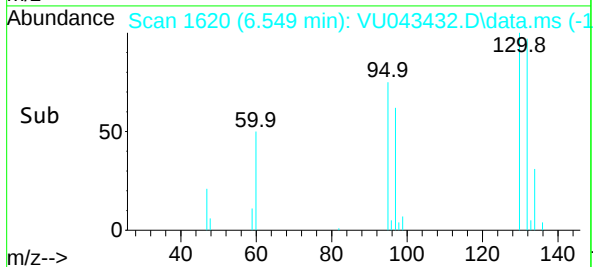
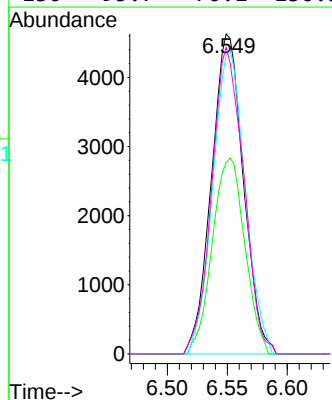
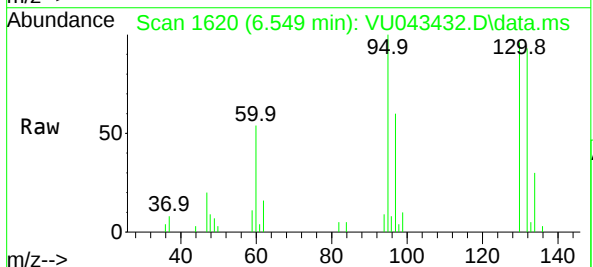
Tgt Ion: 62 Resp: 695
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

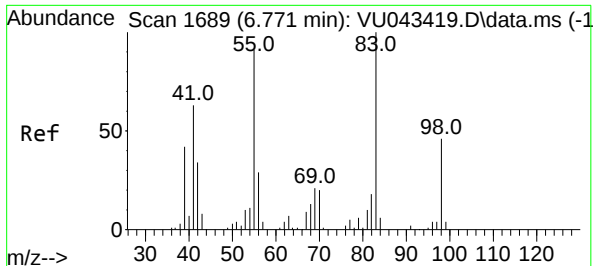


#34

Trichloroethene
Concen: 1.38 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043432.D
Acq: 29 Apr 2021 18:03

Tgt Ion: 95 Resp: 8564
Ion Ratio Lower Upper
95 100
97 59.7 45.8 85.2
132 93.2 68.7 127.7
130 95.7 70.1 130.3





#35

Methylcyclohexane

Concen: 0.92 ug/L

RT: 6.697 min Scan# 1666

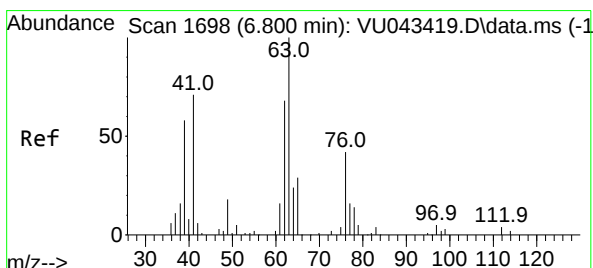
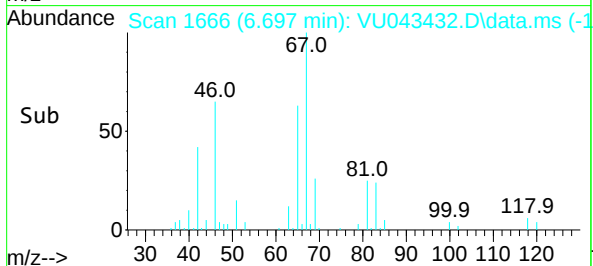
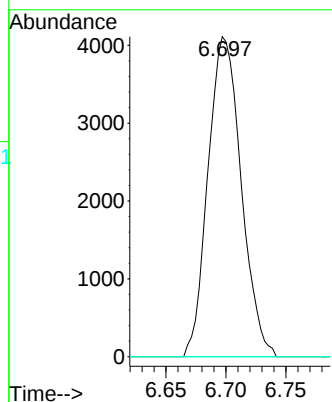
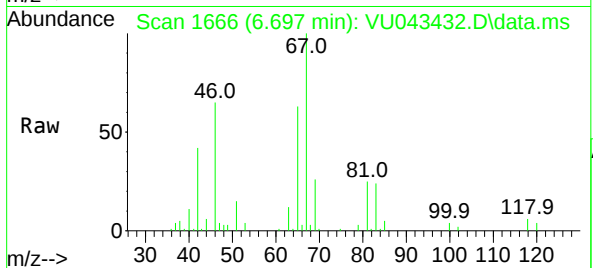
Delta R.T. -0.074 min

Lab File: VU043432.D

Acq: 29 Apr 2021 18:03

Tgt Ion:	83	Resp:	7913
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	4.9	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.68 ug/L

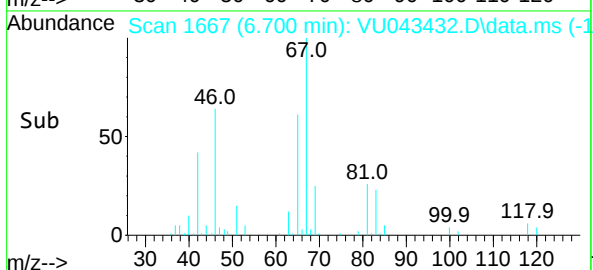
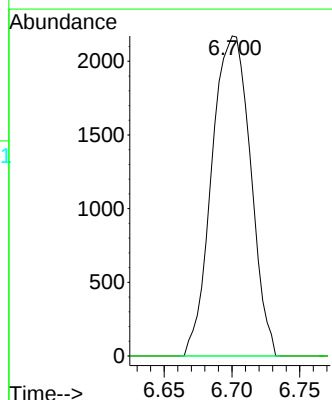
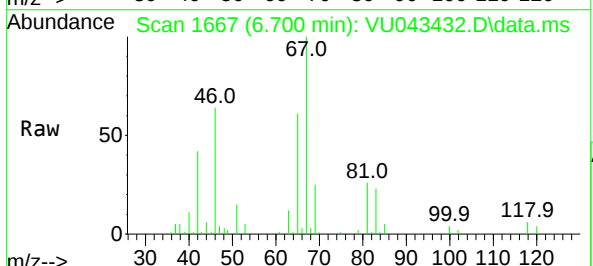
RT: 6.700 min Scan# 1667

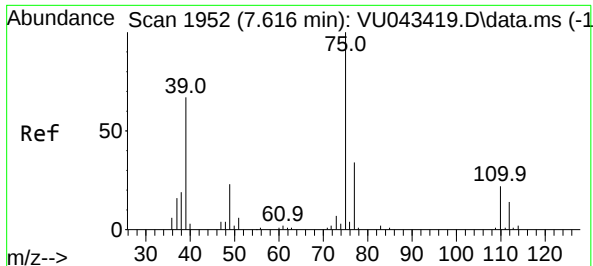
Delta R.T. -0.099 min

Lab File: VU043432.D

Acq: 29 Apr 2021 18:03

Tgt Ion:	63	Resp:	4312
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

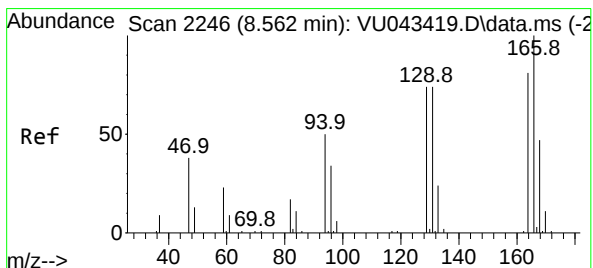
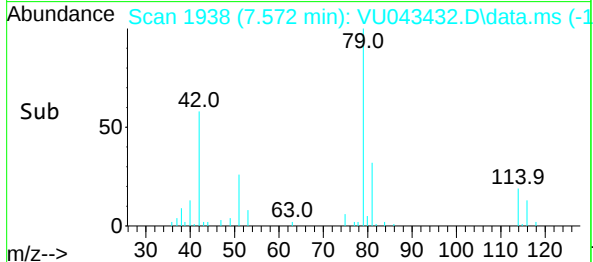
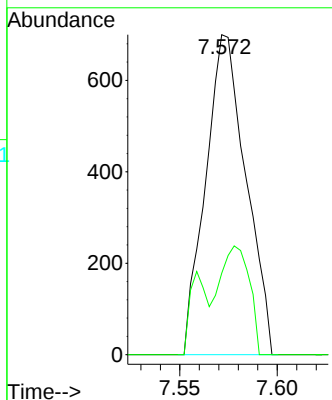
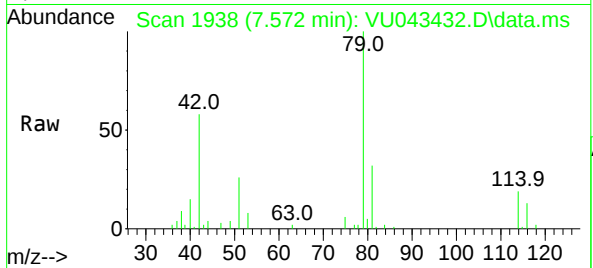




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.572 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU043432.D
 Acq: 29 Apr 2021 18:03

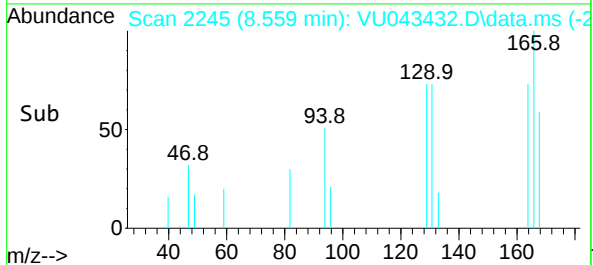
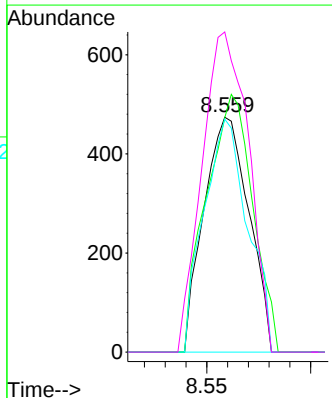
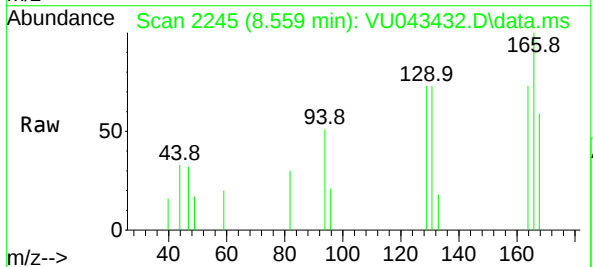
Instrument :
 MSVOA_U
 ClientSampled :

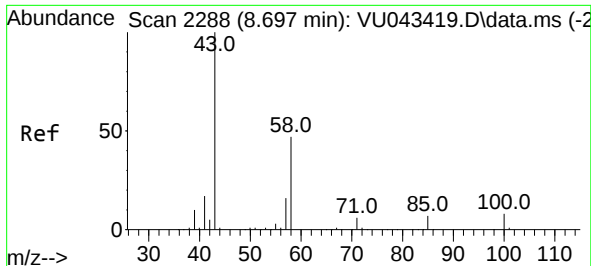
Tgt Ion: 75 Resp: 1005
 Ion Ratio Lower Upper
 75 100
 77 25.4 21.8 40.6



#47
 Tetrachloroethene
 Concen: 0.15 ug/L
 RT: 8.559 min Scan# 2245
 Delta R.T. -0.003 min
 Lab File: VU043432.D
 Acq: 29 Apr 2021 18:03

Tgt Ion: 164 Resp: 713
 Ion Ratio Lower Upper
 164 100
 129 99.8 66.6 123.8
 131 99.2 65.9 122.3
 166 136.3 93.7 173.9

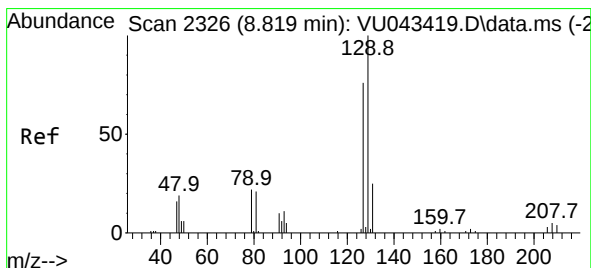
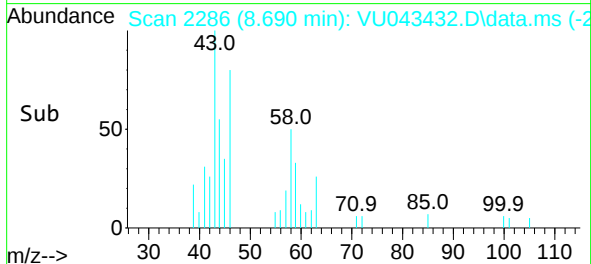
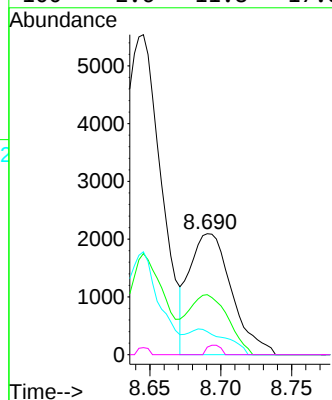
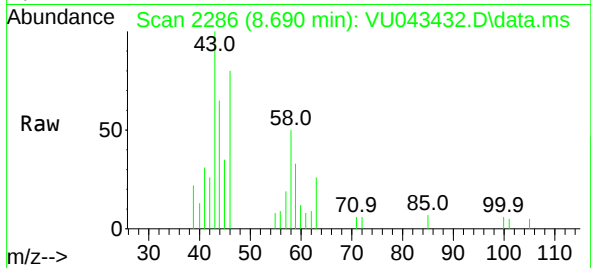




#48
2-Hexanone
Concen: 1.04 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043432.D
Acq: 29 Apr 2021 18:03

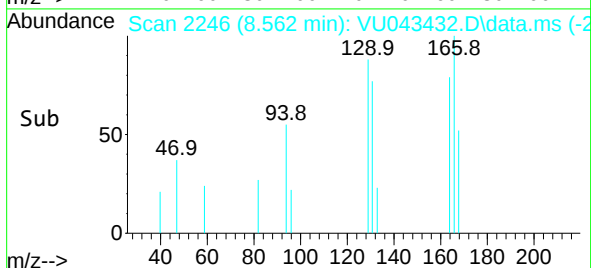
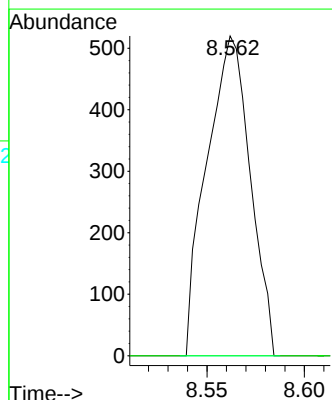
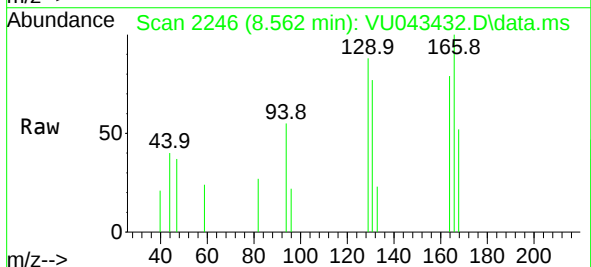
Instrument :
MSVOA_U
ClientSampled :

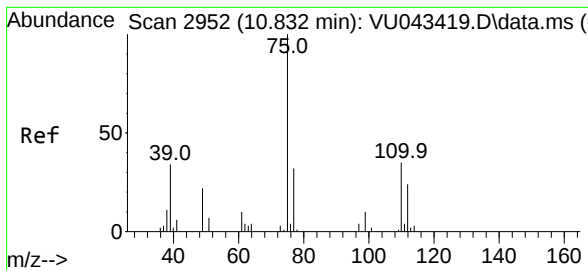
Tgt Ion:	43	Resp:	4348
Ion	Ratio	Lower	Upper
43	100		
58	46.1	50.0	75.0#
57	18.3	17.4	26.0
100	2.6	11.8	17.8#



#49
Dibromochloromethane
Concen: 0.14 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043432.D
Acq: 29 Apr 2021 18:03

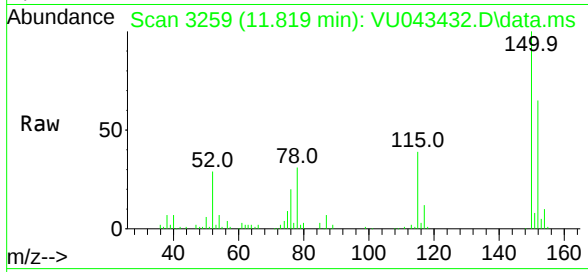
Tgt Ion:	129	Resp:	807
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043432.D
 Acq: 29 Apr 2021 18:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5096
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.5 47.3#
 77 38.1 26.3 39.5

