

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043149.D
 Acq On : 16 Apr 2021 02:58
 Operator : SY/MD
 Sample : M2055-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:18:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

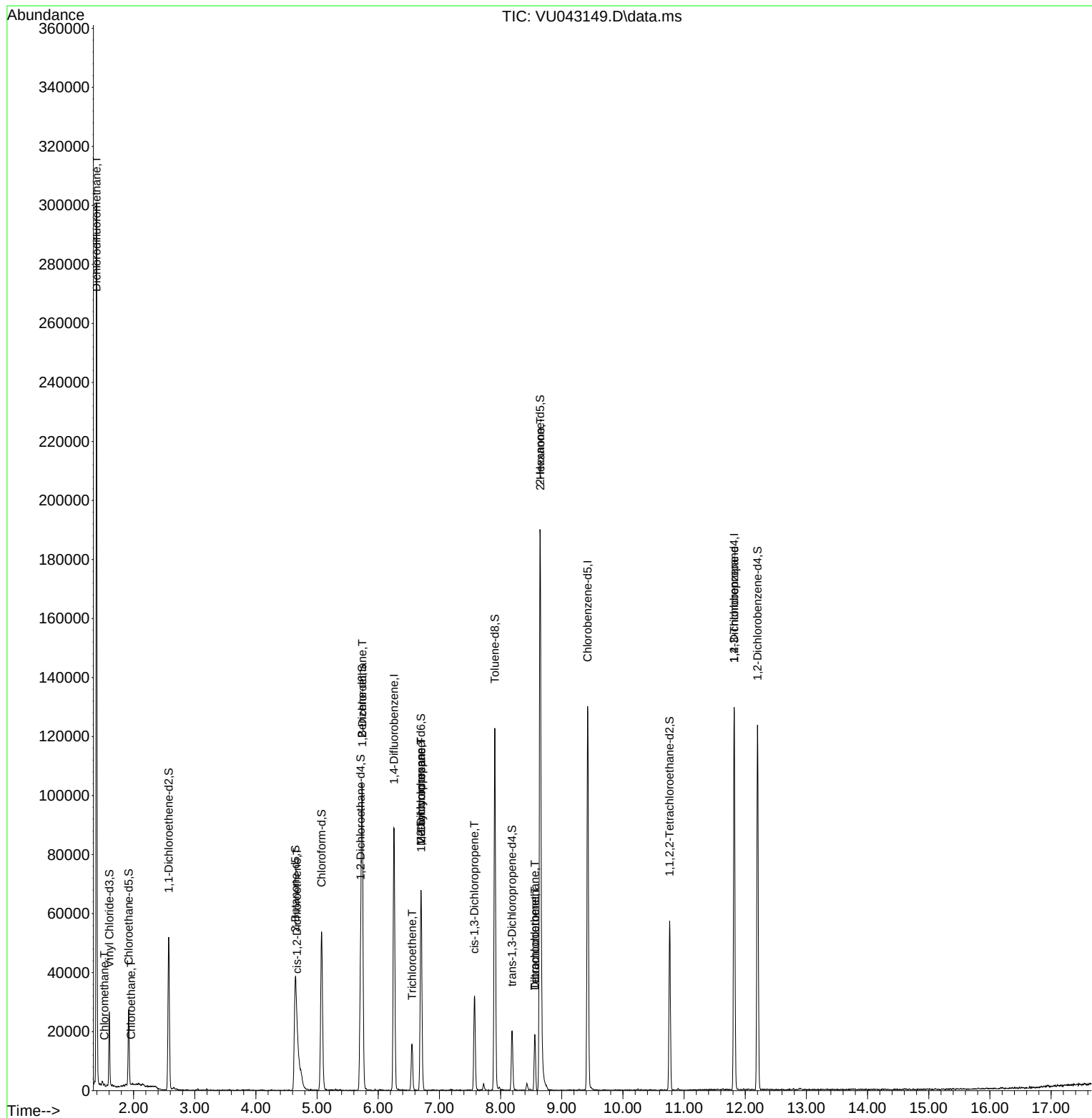
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	67669	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	66726	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	31524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17004	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.919	69	16761	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	65	10006	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.645	46	95827	63.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.98%
24) Chloroform-d	5.073	84	47354	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.713	65	31424	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.735	84	84626	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.700	67	28480	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.906	98	75471	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloroprop...	8.185	79	11206	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.645	63	65804	57.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26231	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	30951	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	3093	0.71	ug/L	93
3) Chloromethane	1.523	50	394	0.09	ug/L	90
8) Chloroethane	1.961	64	732	0.23	ug/L #	43
22) cis-1,2-Dichloroethene	4.671	96	1219	0.26	ug/L	95
27) 1,2-Dichloroethane	5.739	62	610	0.09	ug/L #	74
34) Trichloroethene	6.552	95	5150	1.05	ug/L	94
35) Methylcyclohexane	6.700	83	6656	0.98	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	3687	0.73	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	830	0.11	ug/L	87
47) Tetrachloroethene	8.562	164	3819	0.98	ug/L	95
48) 2-Hexanone	8.648	43	11526	3.49	ug/L #	67
49) Dibromochloromethane	8.562	129	3979	0.84	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4029	1.24	ug/L #	57

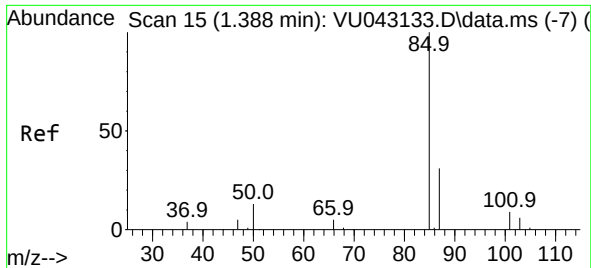
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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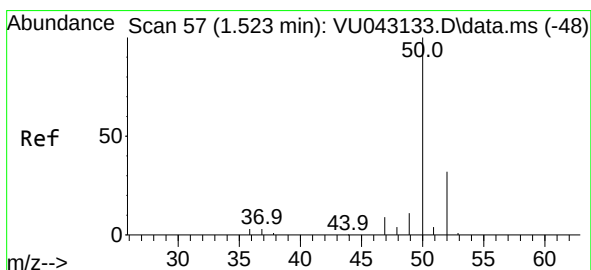
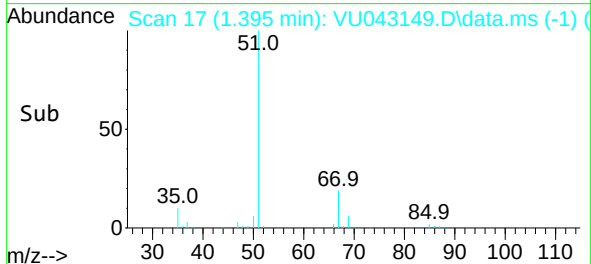
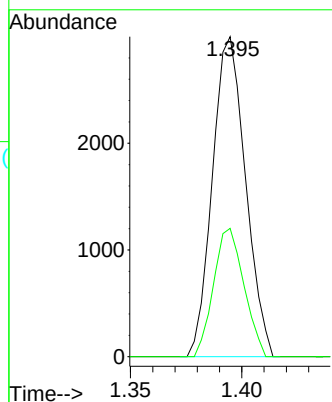
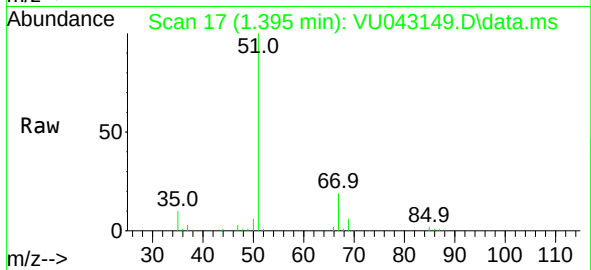




#2
Dichlorodifluoromethane
Concen: 0.71 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

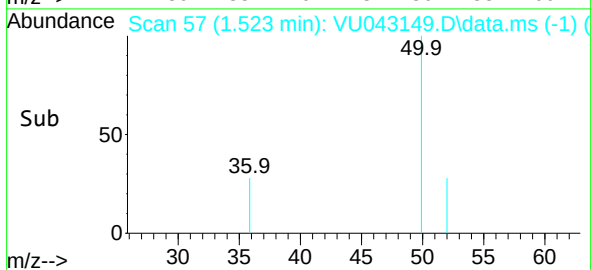
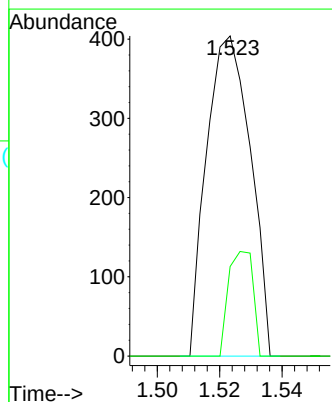
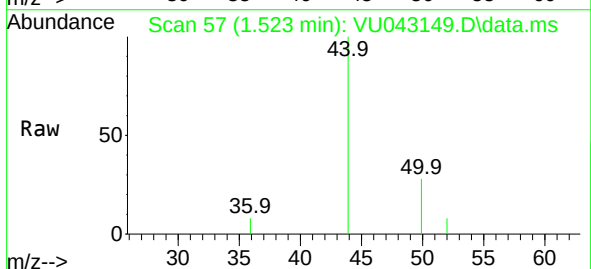
Instrument :
MSVOA_U
ClientSampled :

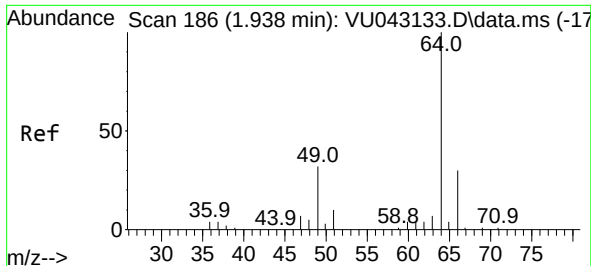
Tgt Ion: 85 Resp: 3093
Ion Ratio Lower Upper
85 100
87 36.7 26.3 39.5



#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

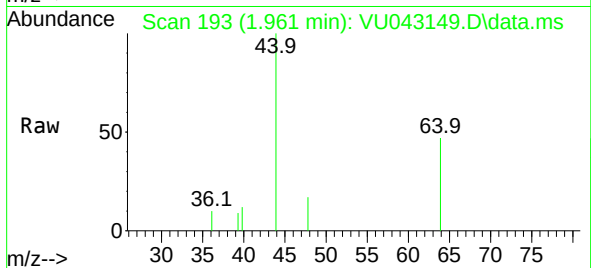
Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 28.0 23.6 43.8



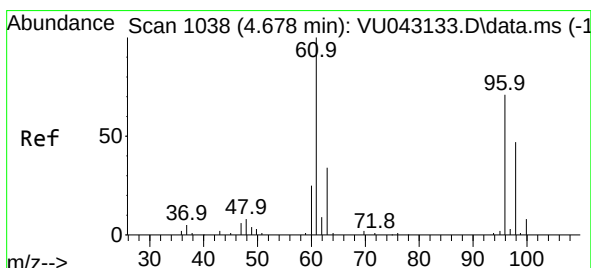
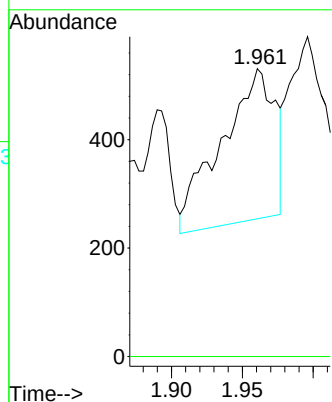
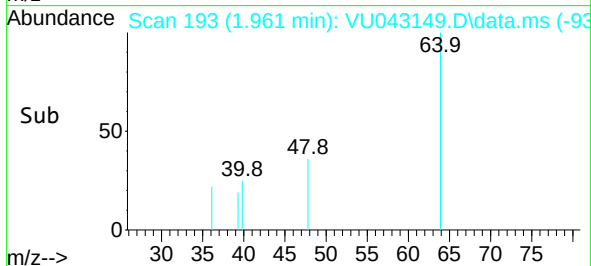


#8
Chloroethane
Concen: 0.23 ug/L
RT: 1.961 min Scan# 193
Delta R.T. 0.023 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

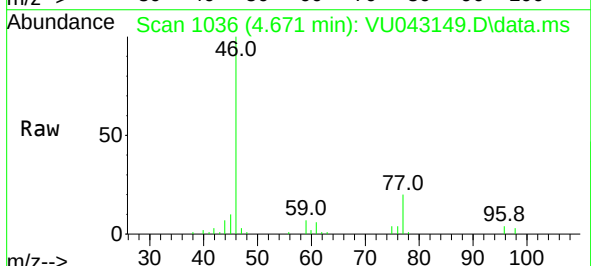
Instrument :
MSVOA_U
ClientSampleId :



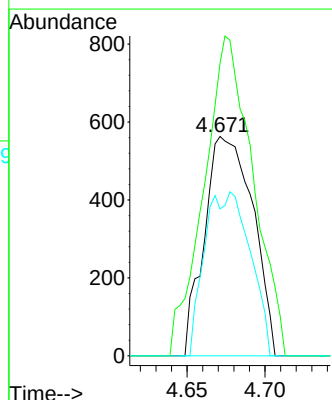
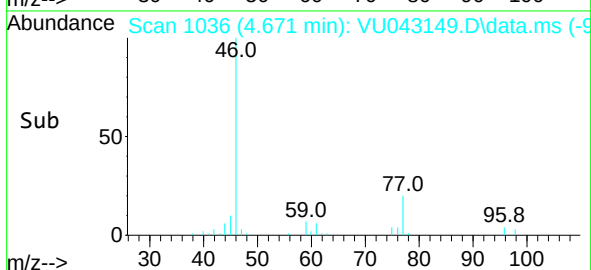
Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 0.0 22.4 41.6#

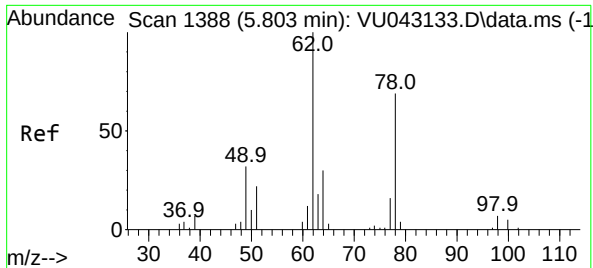


#22
cis-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58



Tgt Ion: 96 Resp: 1219
Ion Ratio Lower Upper
96 100
61 133.4 87.4 162.4
98 67.0 47.7 88.5





#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.064 min

Lab File: VU043149.D

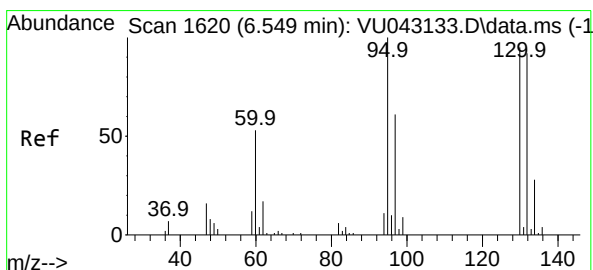
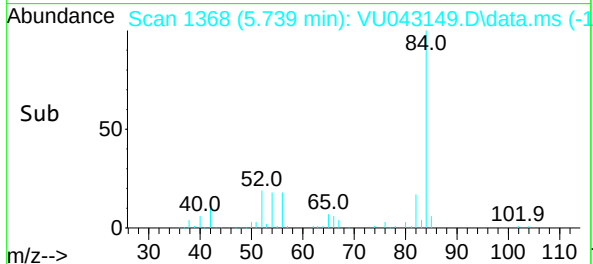
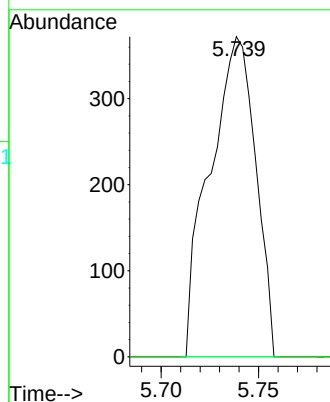
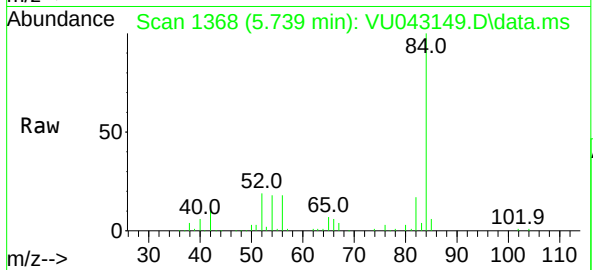
Acq: 16 Apr 2021 02:58

Tgt Ion: 62 Resp: 610

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



#34

Trichloroethene

Concen: 1.05 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043149.D

Acq: 16 Apr 2021 02:58

Tgt Ion: 95 Resp: 5150

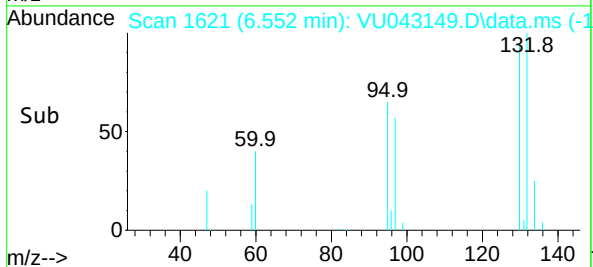
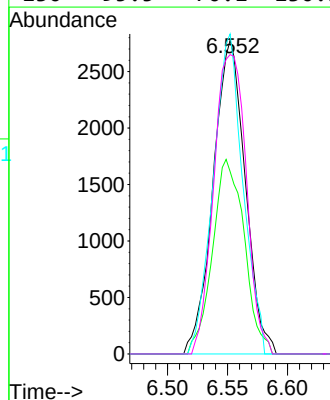
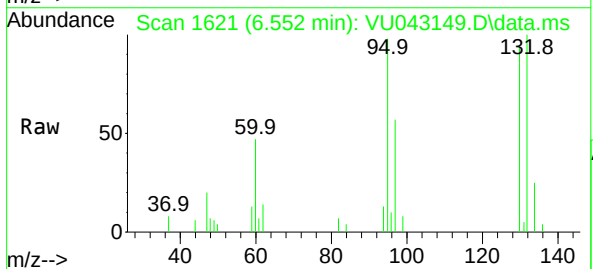
Ion Ratio Lower Upper

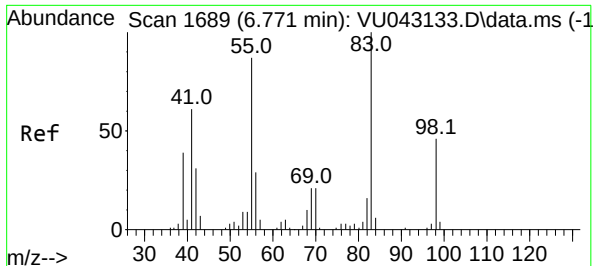
95 100

97 58.2 45.8 85.2

132 102.1 68.7 127.7

130 95.5 70.1 130.3





#35

Methylcyclohexane

Concen: 0.98 ug/L

RT: 6.700 min Scan# 1667

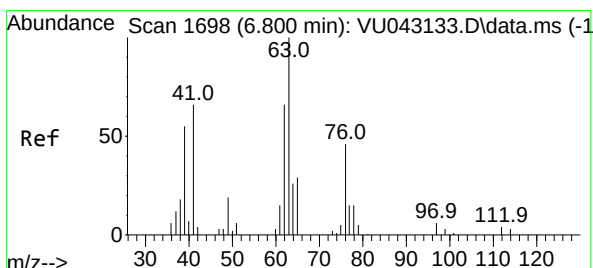
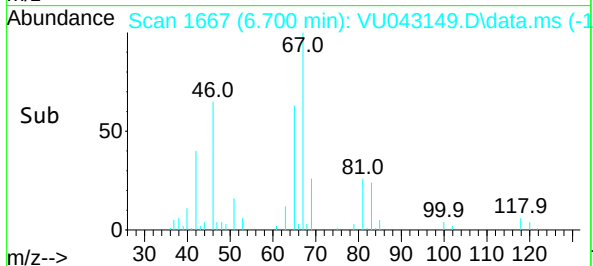
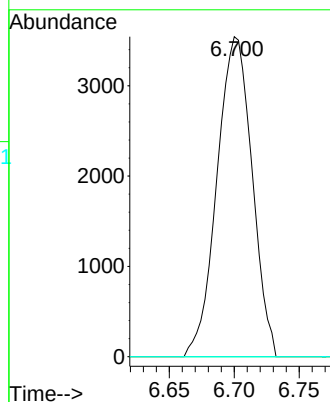
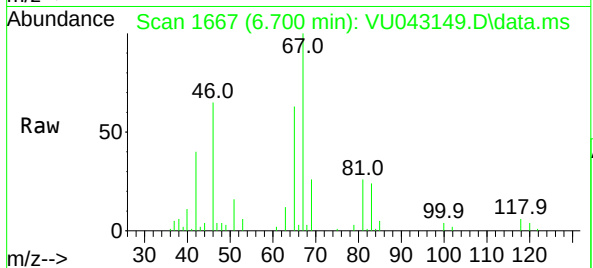
Delta R.T. -0.071 min

Lab File: VU043149.D

Acq: 16 Apr 2021 02:58

Tgt Ion:	83	Resp:	6656
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.7	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.73 ug/L

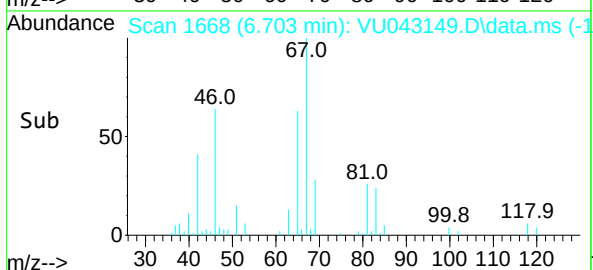
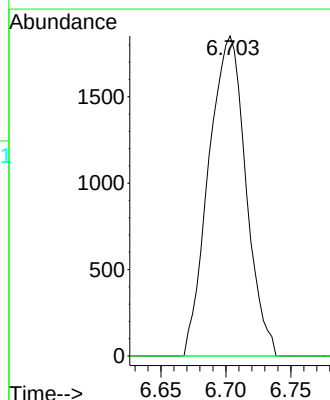
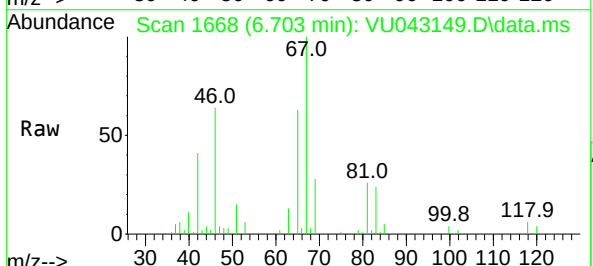
RT: 6.703 min Scan# 1668

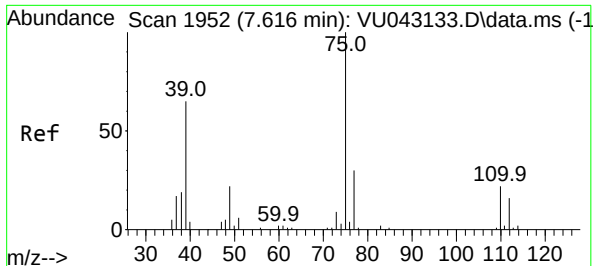
Delta R.T. -0.096 min

Lab File: VU043149.D

Acq: 16 Apr 2021 02:58

Tgt Ion:	63	Resp:	3687
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

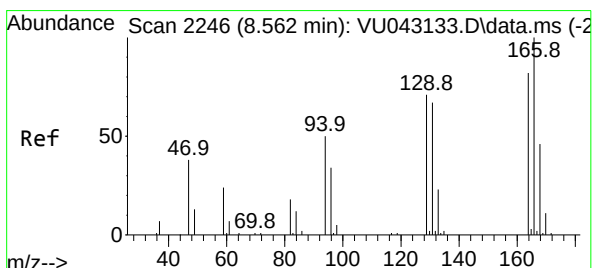
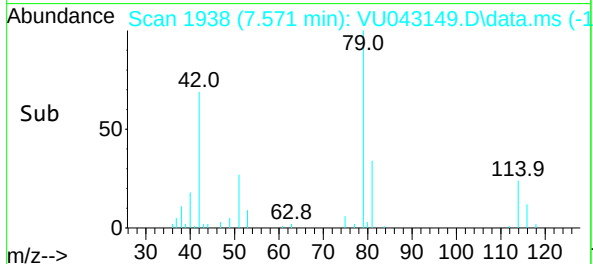
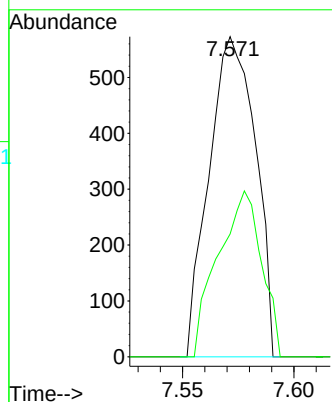
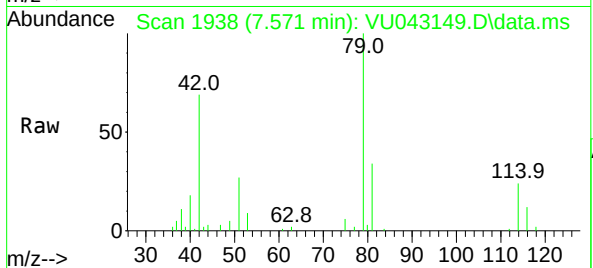




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

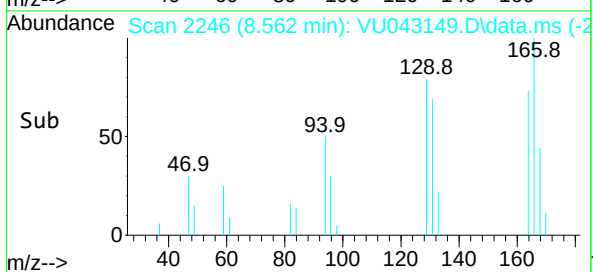
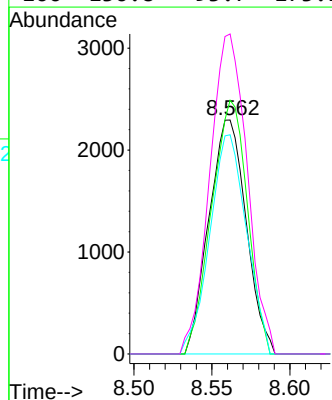
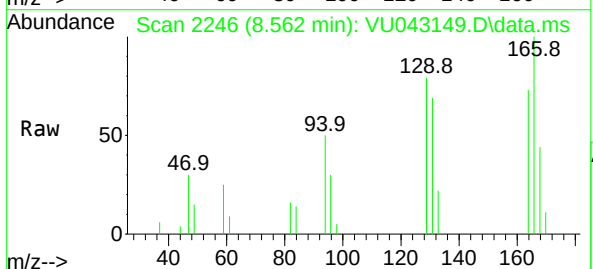
Instrument :
MSVOA_U
ClientSampleId :

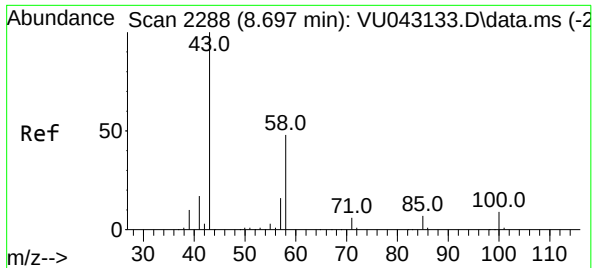
Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
77 38.4 21.8 40.6



#47
Tetrachloroethene
Concen: 0.98 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

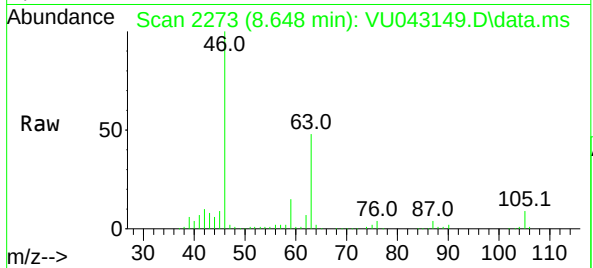
Tgt Ion: 164 Resp: 3819
Ion Ratio Lower Upper
164 100
129 108.5 66.6 123.8
131 93.8 65.9 122.3
166 136.8 93.7 173.9



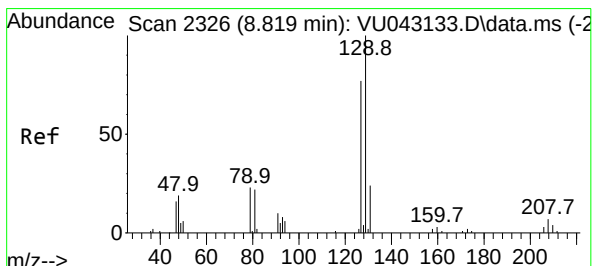
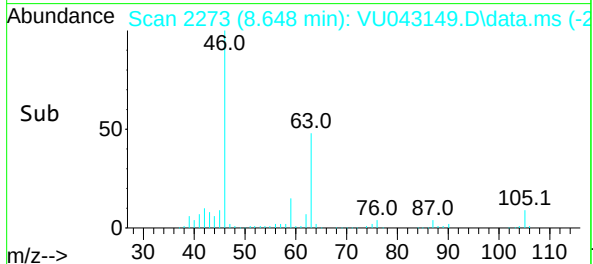
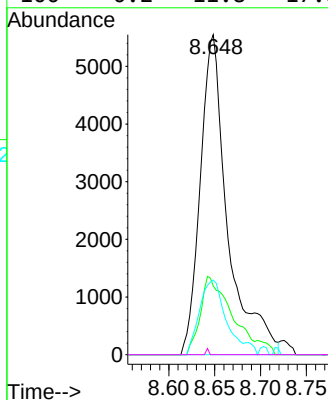


#48
2-Hexanone
Concen: 3.49 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

Instrument :
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ClientSampleId :

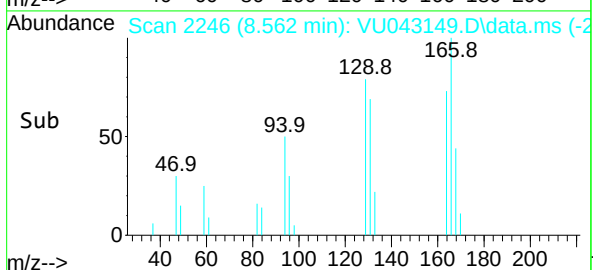
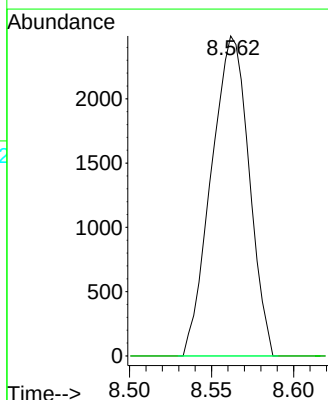
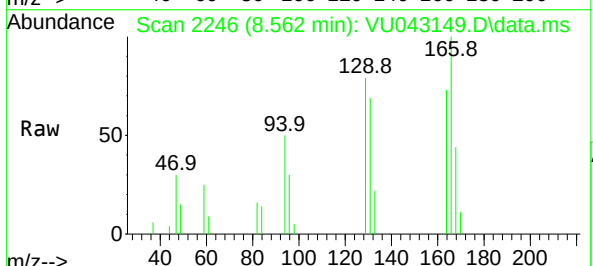


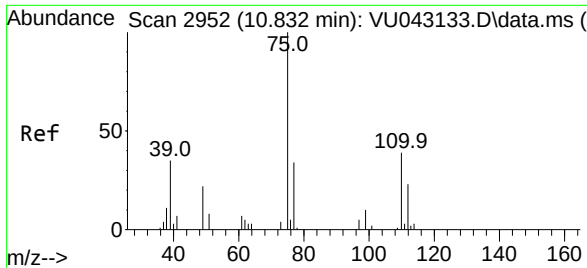
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	50.0	75.0#
57	23.3	17.4	26.0
100	0.2	11.8	17.8#



#49
Dibromochloromethane
Concen: 0.84 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043149.D
Acq: 16 Apr 2021 02:58

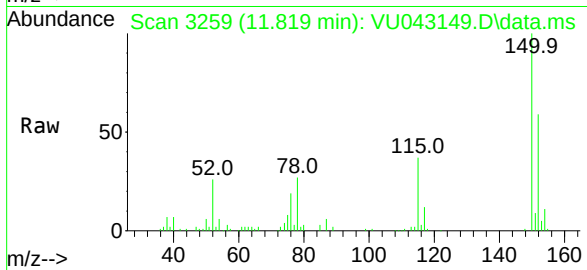
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.24 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043149.D
 Acq: 16 Apr 2021 02:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4029
 Ion Ratio Lower Upper
 75 100
 110 1.6 31.5 47.3#
 77 45.1 26.3 39.5#

