

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042746.D
 Acq On : 20 Mar 2021 02:02
 Operator : SY/MD
 Sample : M1743-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE9

Quant Time: Mar 20 06:48:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

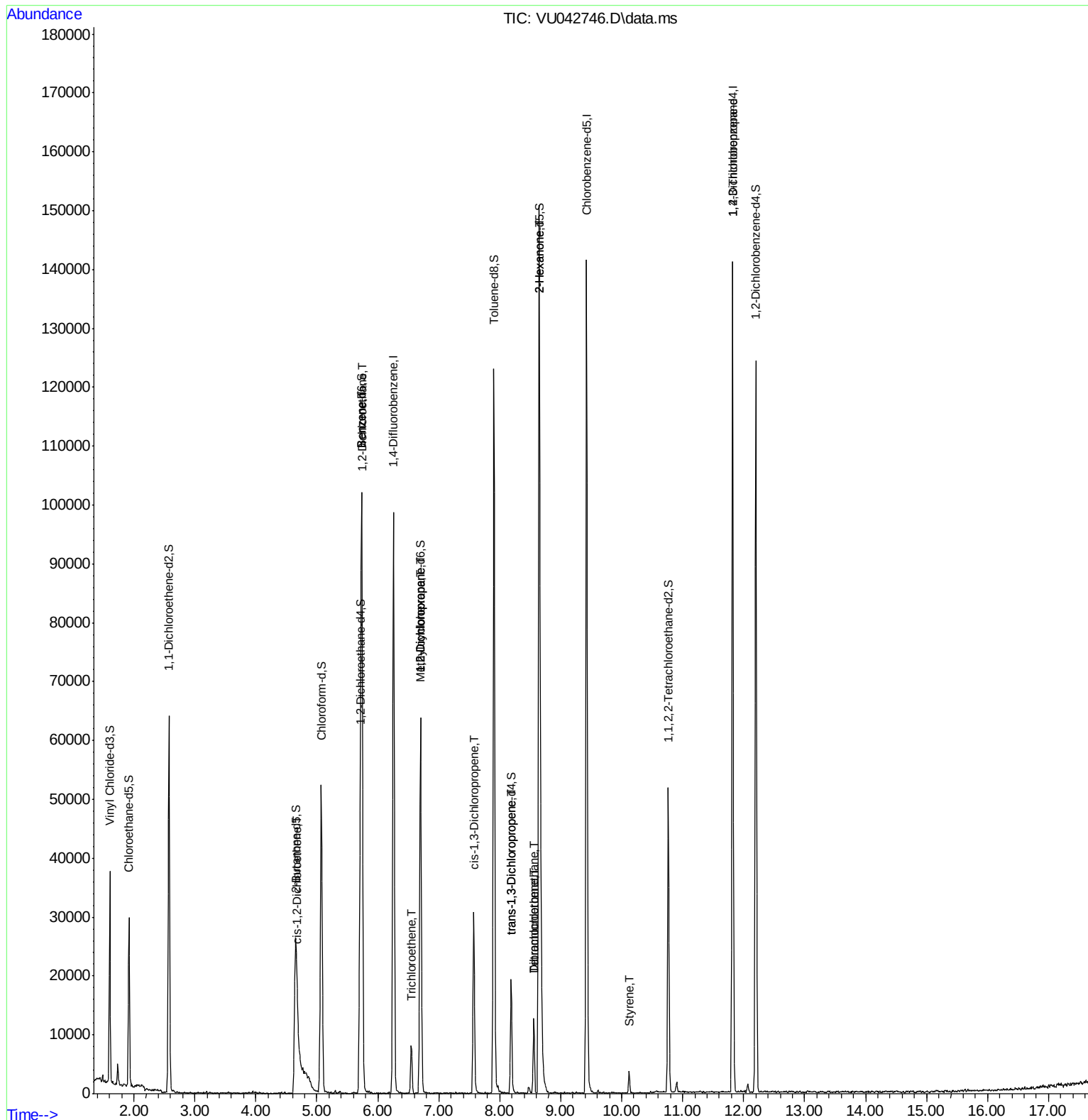
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	74276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	74343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34961	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23219	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.919	69	18863	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.575	63	39291	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.655	46	60602	37.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.56%
24) Chloroform-d	5.073	84	45923	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	29715	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.735	84	84340	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.700	67	27465	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	75575	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloroprop...	8.185	79	10210	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.645	63	57968	44.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.14%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	23806	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	30208	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						
22) cis-1,2-Dichloroethene	4.678	96	1224	0.21	ug/L	98
27) 1,2-Dichloroethane	5.739	62	577	0.07	ug/L #	75
33) Benzene	5.735	78	738	0.03	ug/L	100
34) Trichloroethene	6.549	95	2756	0.43	ug/L	85
35) Methylcyclohexane	6.697	83	6665	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3502	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	788	0.09	ug/L	95
44) trans-1,3-Dichloropropene	8.185	75	464	0.05	ug/L #	44
47) Tetrachloroethene	8.558	164	2513	0.48	ug/L	94
48) 2-Hexanone	8.649	43	9690	2.40	ug/L #	72
49) Dibromochloromethane	8.558	129	2285	0.39	ug/L #	12
55) Styrene	10.121	104	1959	0.11	ug/L #	78
59) 1,2,3-Trichloropropane	11.819	75	4600	0.97	ug/L #	86

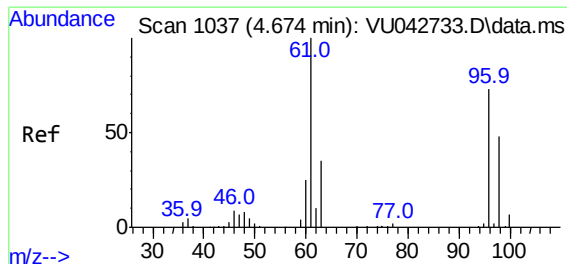
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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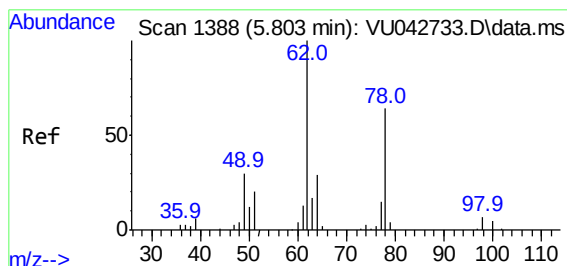
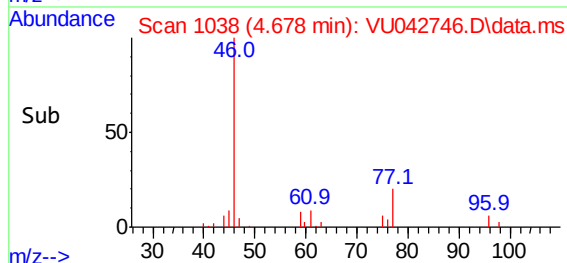
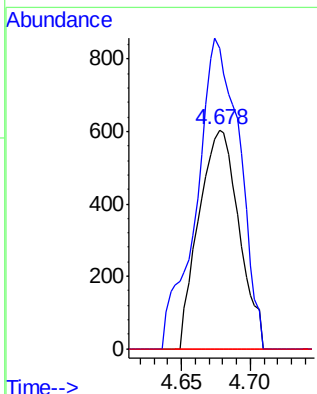
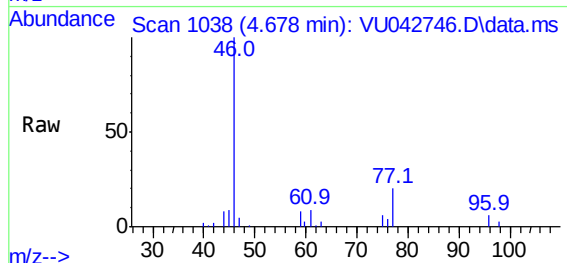


#22
 cis-1,2-Dichloroethene
 Concen: 0.21 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042746.D
 Acq: 20 Mar 2021 02:02

Instrument :
 MSVOA_U
 ClientSampled :
 ETZE9

Tgt Ion: 96 Resp: 1224

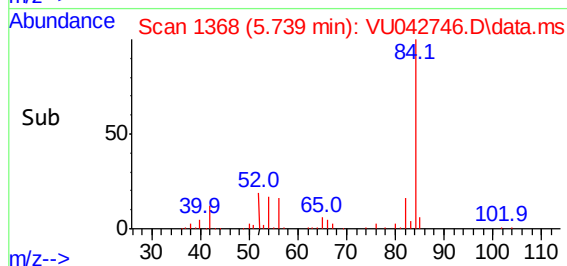
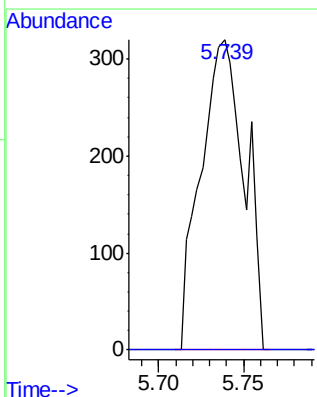
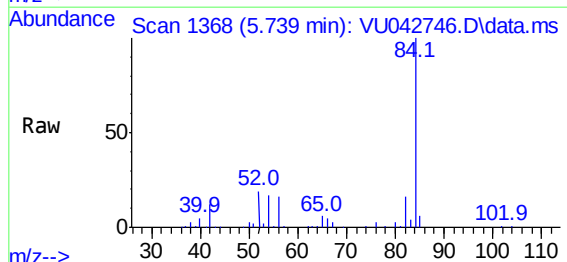
Ion	Ratio	Lower	Upper
96	100		
61	137.0	97.8	181.6
68	0.0	0.0	0.0

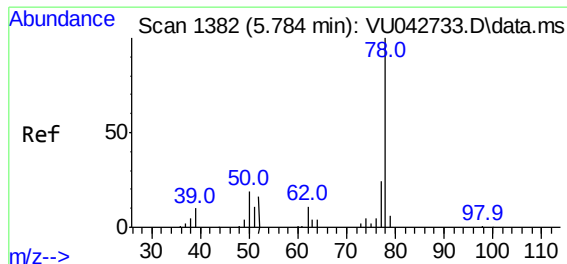


#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.739 min Scan# 1368
 Delta R.T. -0.064 min
 Lab File: VU042746.D
 Acq: 20 Mar 2021 02:02

Tgt Ion: 62 Resp: 577

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

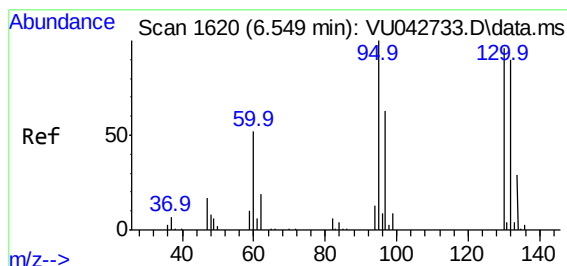
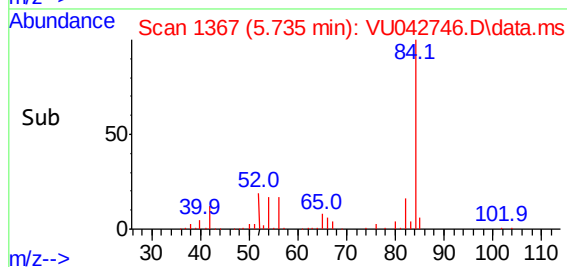
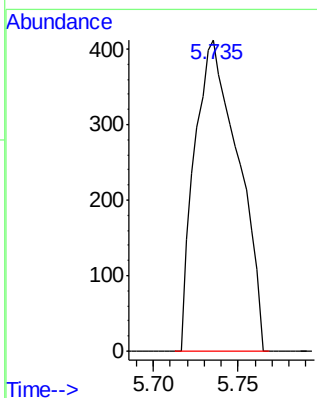
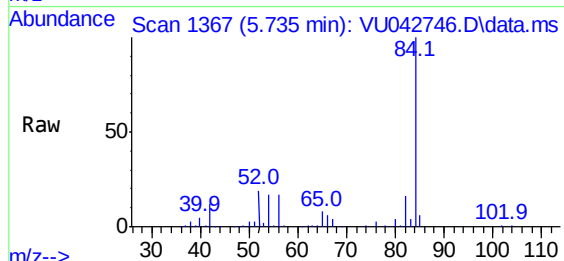




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

Instrument :
MSVOA_U
ClientSampleId :
ETZE9

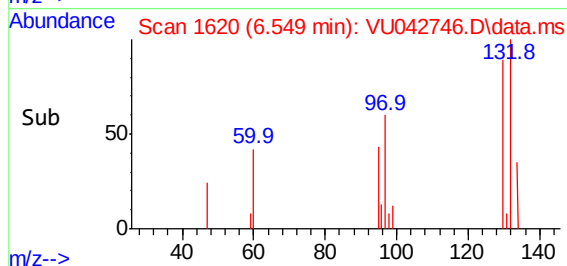
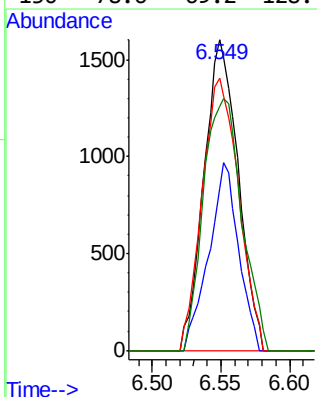
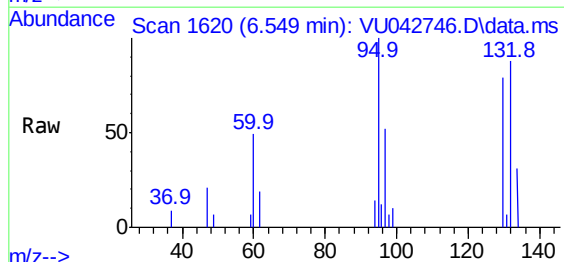
Tgt Ion: 78 Resp: 738

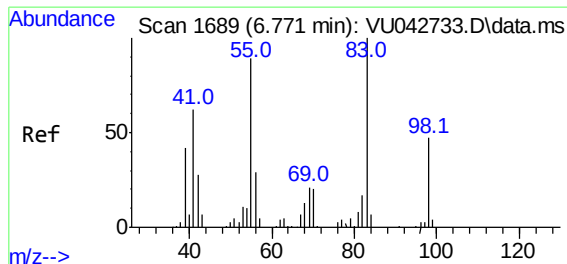


#34
Trichloroethene
Concen: 0.43 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

Tgt Ion: 95 Resp: 2756

Ion	Ratio	Lower	Upper
95	100		
97	52.3	44.4	82.4
132	87.8	68.0	126.4
130	78.6	69.2	128.4

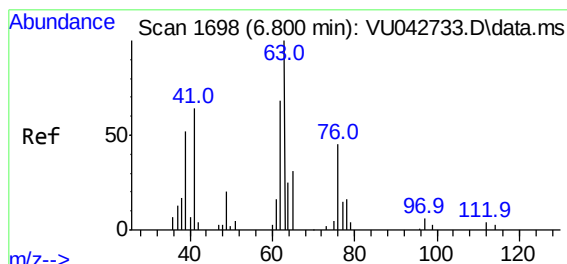
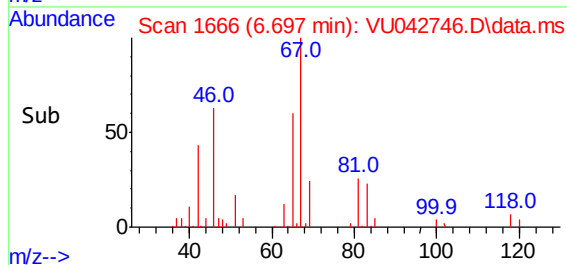
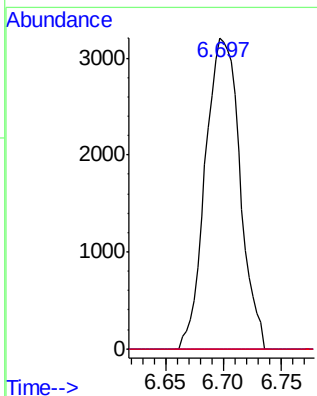
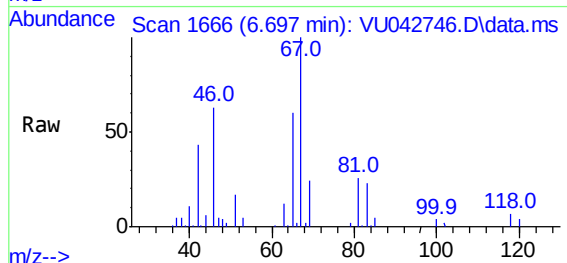




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

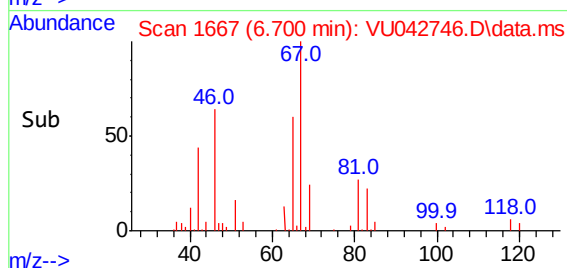
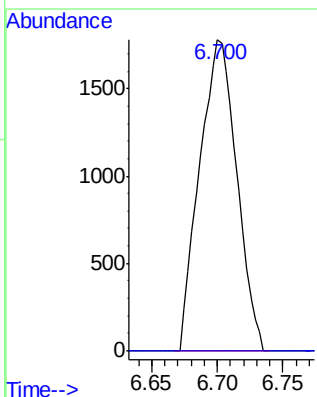
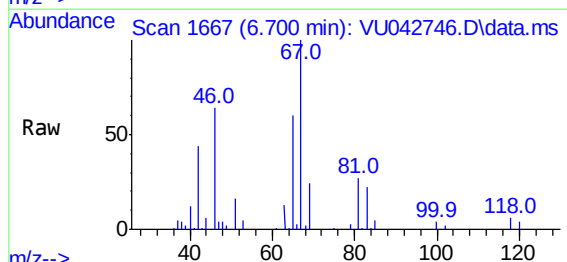
Instrument :
MSVOA_U
ClientSampled :
ETZE9

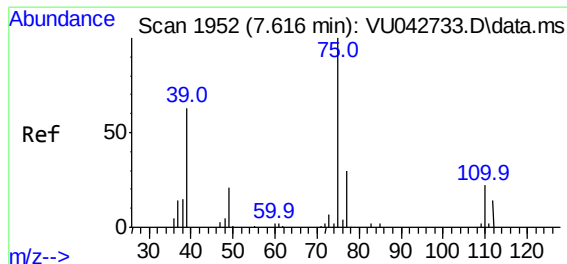
Tgt Ion: 83 Resp: 6665
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

Tgt Ion: 63 Resp: 3502
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

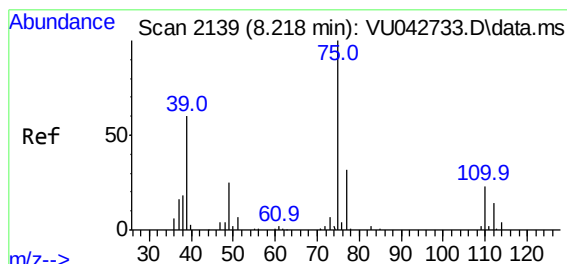
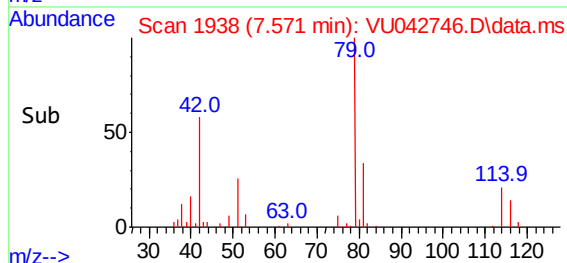
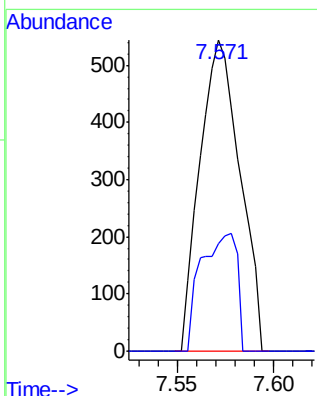
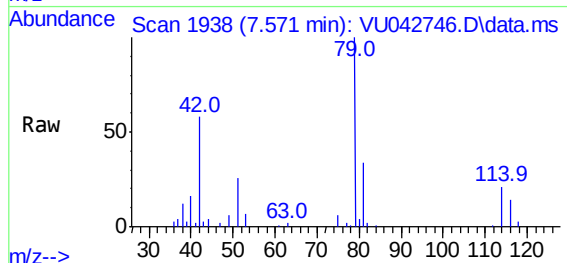




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

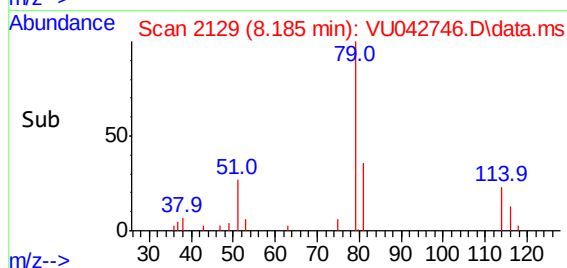
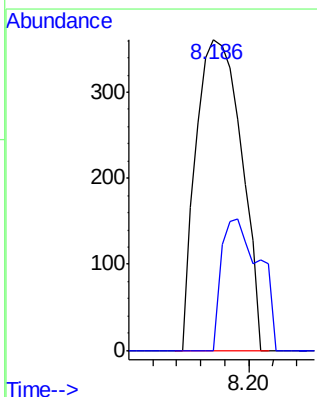
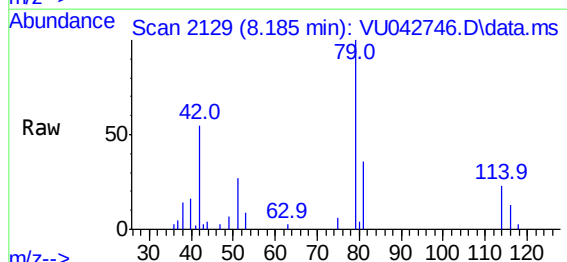
Instrument :
MSVOA_U
ClientSampled :
ETZE9

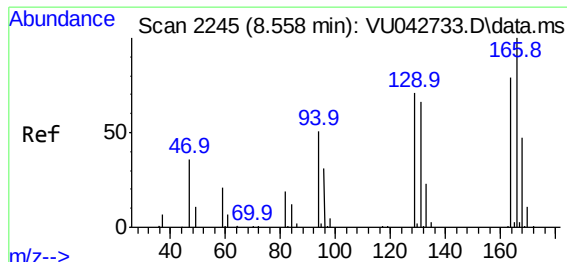
Tgt Ion: 75 Resp: 788
Ion Ratio Lower Upper
75 100
77 34.4 22.0 40.8



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

Tgt Ion: 75 Resp: 464
Ion Ratio Lower Upper
75 100
77 0.0 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.48 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU042746.D

Acq: 20 Mar 2021 02:02

Tgt Ion:164 Resp: 2513

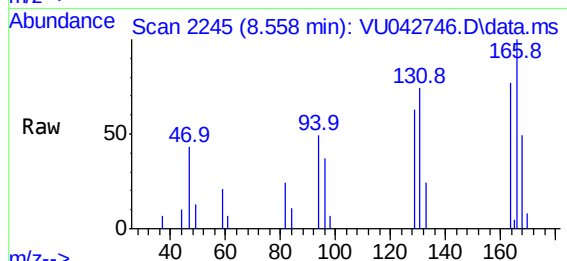
Ion Ratio Lower Upper

164 100

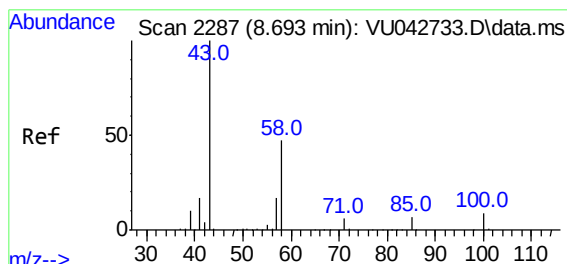
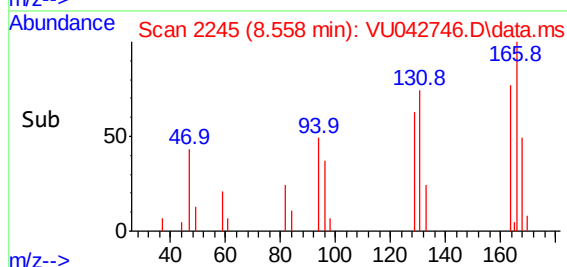
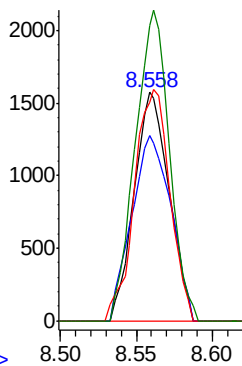
129 81.4 64.3 119.5

131 95.7 62.2 115.6

166 129.3 88.6 164.6



Abundance



#48

2-Hexanone

Concen: 2.40 ug/L

RT: 8.649 min Scan# 2273

Delta R.T. -0.045 min

Lab File: VU042746.D

Acq: 20 Mar 2021 02:02

Tgt Ion: 43 Resp: 9690

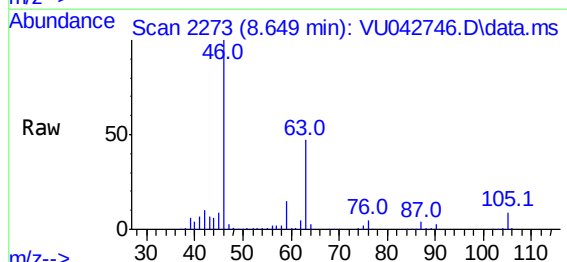
Ion Ratio Lower Upper

43 100

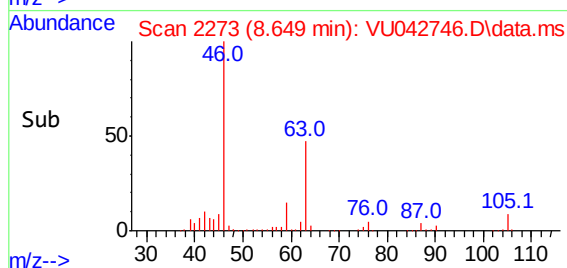
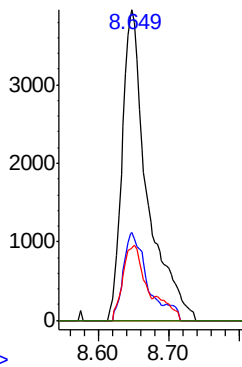
58 25.6 40.6 61.0#

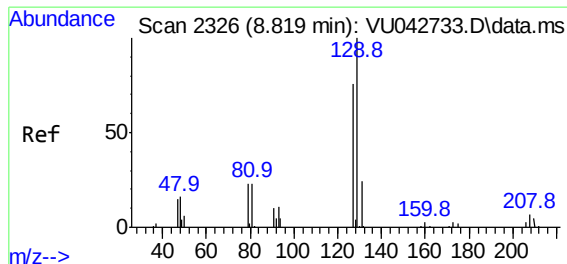
57 20.2 14.9 22.3

100 0.0 8.6 12.8#



Abundance

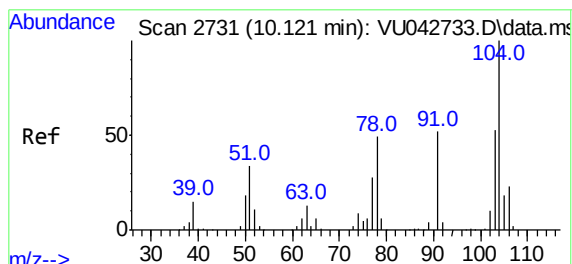
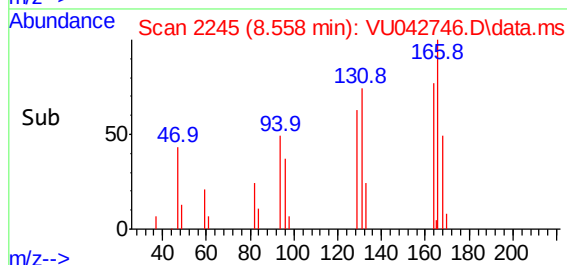
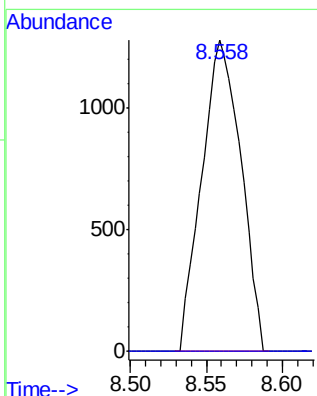
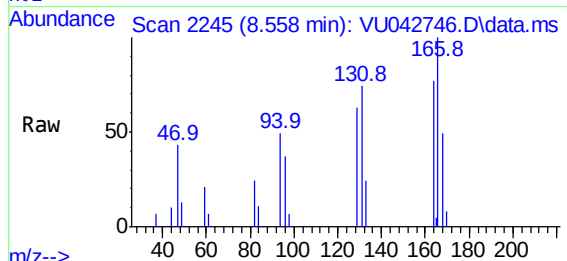




#49
Dibromochloromethane
Concen: 0.39 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

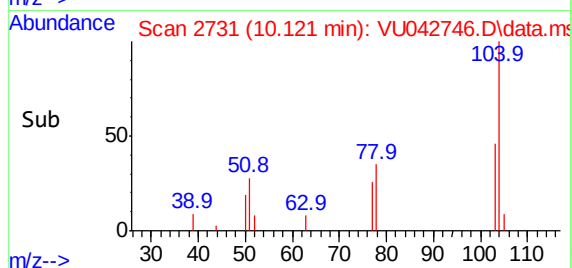
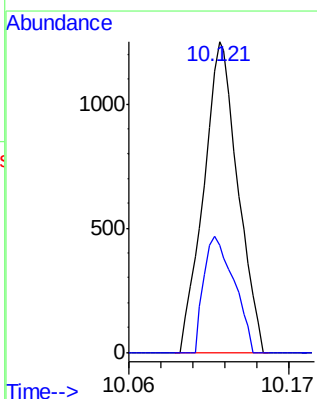
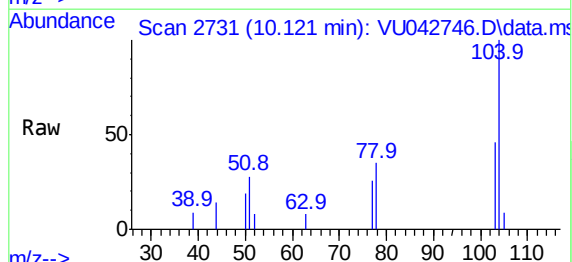
Instrument :
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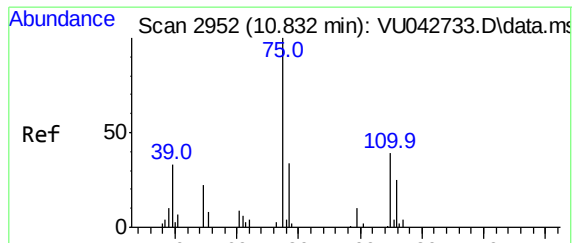
Tgt Ion:129 Resp: 2285
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#55
Styrene
Concen: 0.11 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042746.D
Acq: 20 Mar 2021 02:02

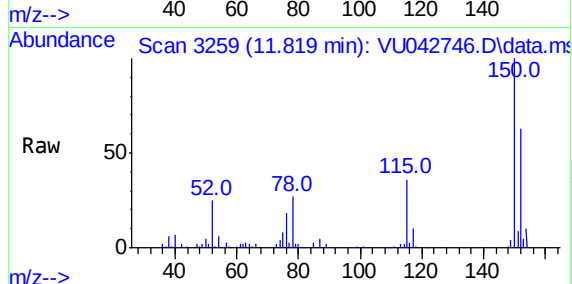
Tgt Ion:104 Resp: 1959
Ion Ratio Lower Upper
104 100
78 34.6 34.9 64.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.97 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042746.D
 Acq: 20 Mar 2021 02:02

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE9



Tgt Ion: 75 Resp: 4600
 Ion Ratio Lower Upper
 75 100
 77 40.2 26.0 39.0#

