

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042720.D
 Acq On : 19 Mar 2021 15:02
 Operator : SY/MD
 Sample : M1744-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZF4

Quant Time: Mar 20 05:50:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

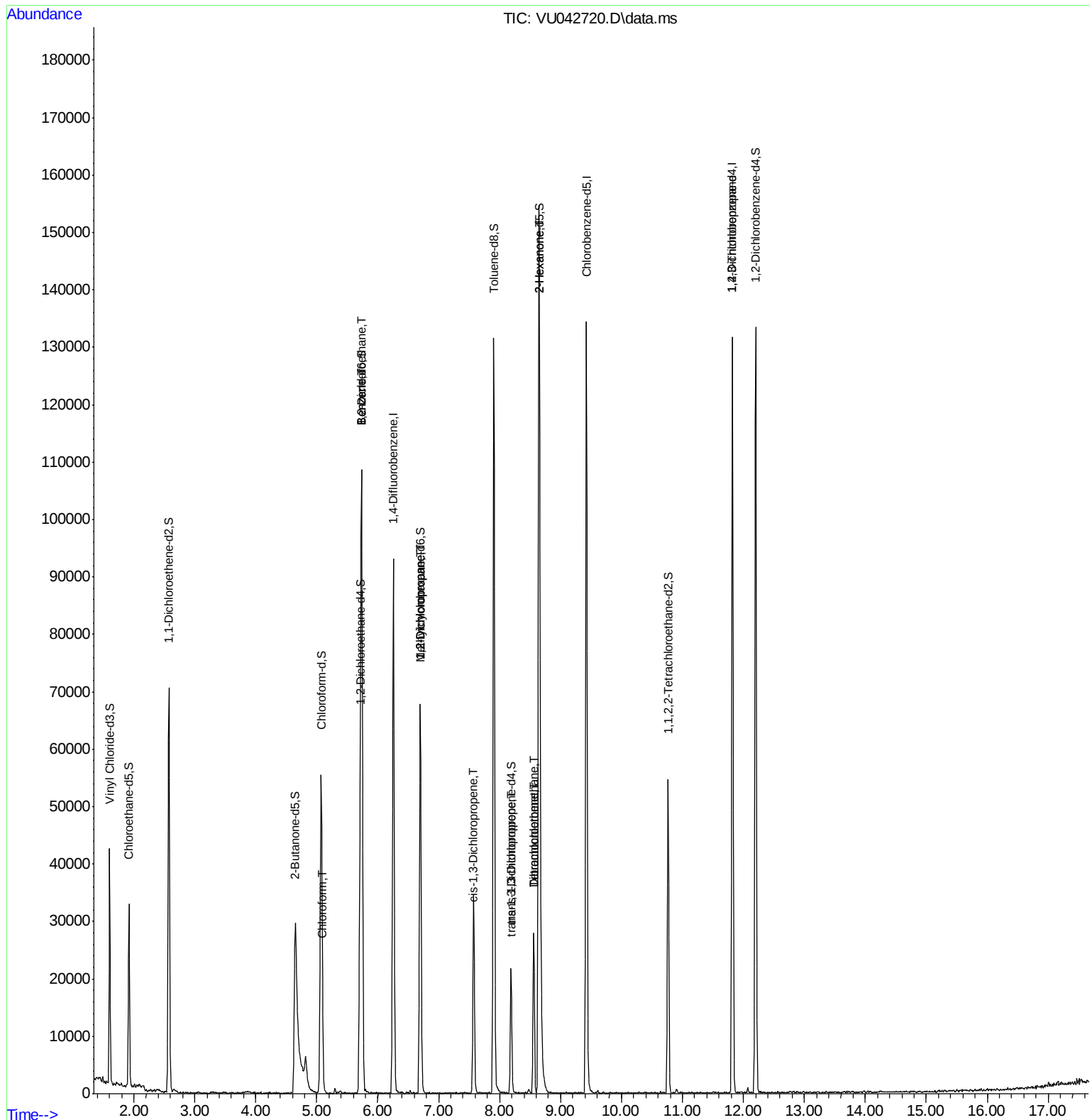
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	70375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	70418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33974	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26127	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.919	69	20321	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.575	63	42057	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.649	46	72971	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	5.073	84	49041	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.713	65	31873	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.735	84	90959	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.700	67	29718	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.906	98	80987	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloroprop...	8.185	79	11255	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.648	63	60179	48.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24599	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32652	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						
25) Chloroform	5.096	83	1339	0.13	ug/L	90
27) 1,2-Dichloroethane	5.735	62	650	0.08	ug/L #	75
33) Benzene	5.735	78	832	0.04	ug/L	100
35) Methylcyclohexane	6.697	83	7179	0.77	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3531	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	979	0.11	ug/L #	66
44) trans-1,3-Dichloropropene	8.192	75	469	0.06	ug/L #	78
47) Tetrachloroethene	8.562	164	5785	1.16	ug/L	95
48) 2-Hexanone	8.645	43	9048	2.36	ug/L #	68
49) Dibromochloromethane	8.558	129	5496	1.00	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	3935	0.88	ug/L #	78

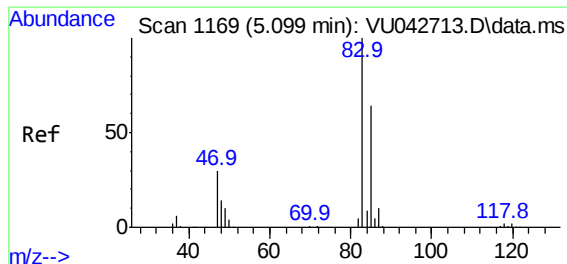
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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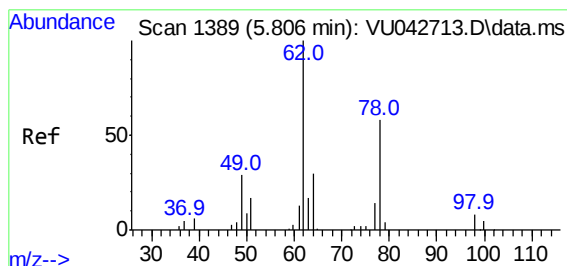
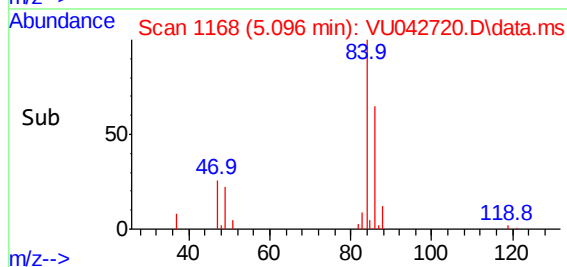
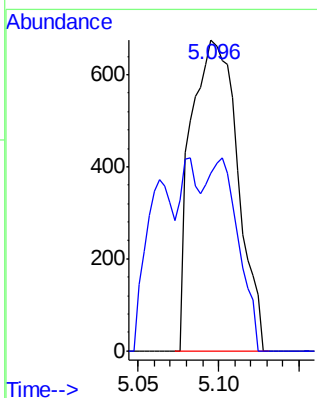
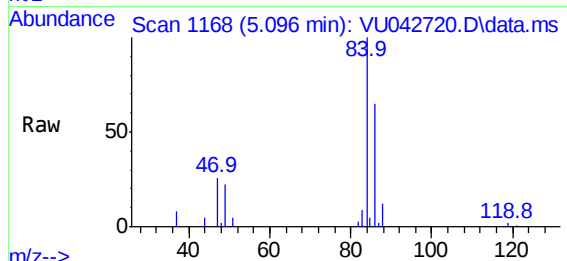




#25
Chloroform
Concen: 0.13 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

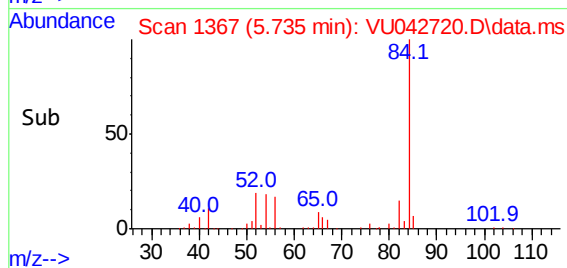
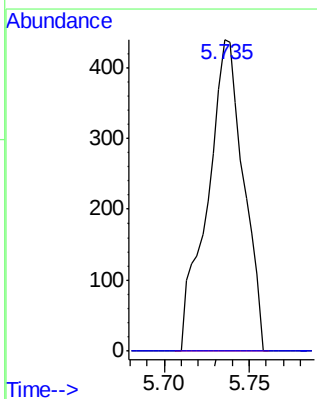
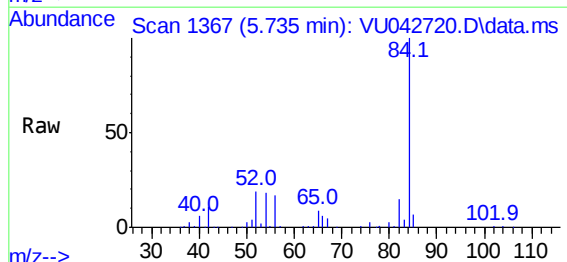
Instrument :
MSVOA_U
ClientSampleId :
ETZF4

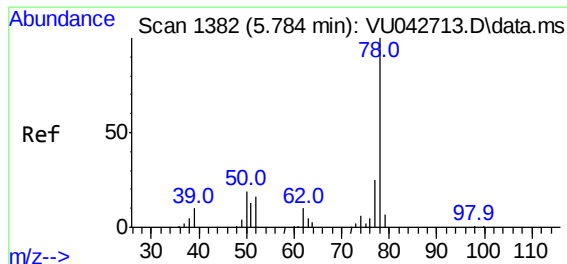
Tgt Ion: 83 Resp: 1339
Ion Ratio Lower Upper
83 100
85 57.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

Tgt Ion: 62 Resp: 650
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

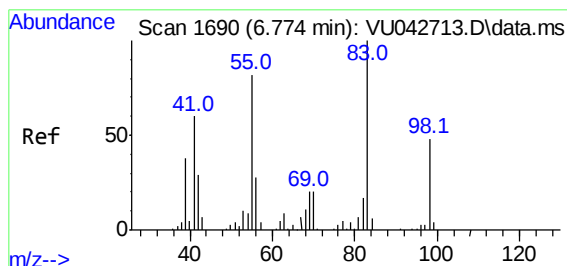
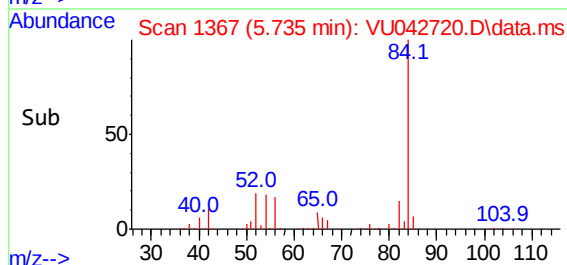
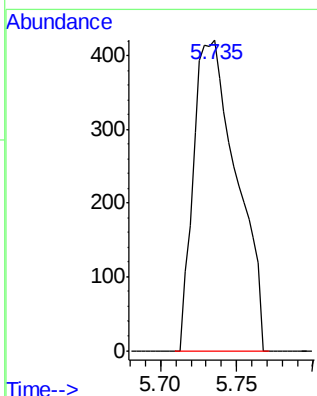
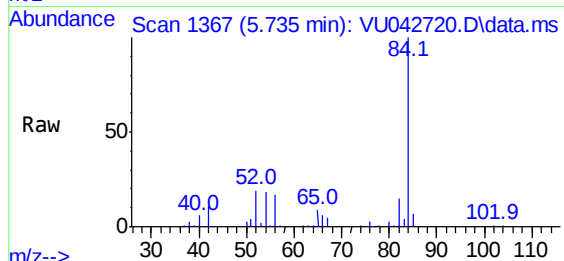




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

Instrument :
MSVOA_U
ClientSampleId :
ETZF4

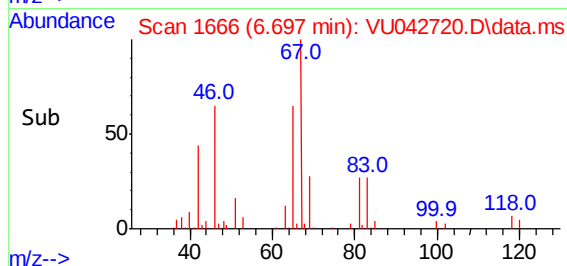
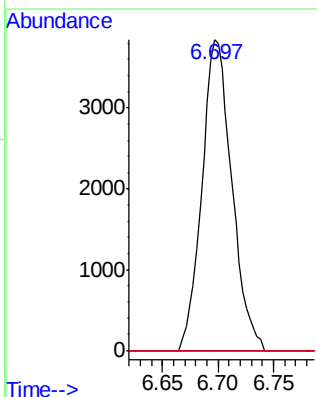
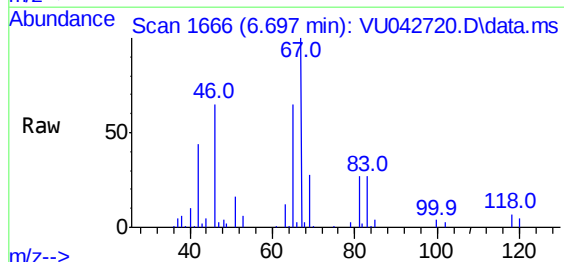
Tgt Ion: 78 Resp: 832

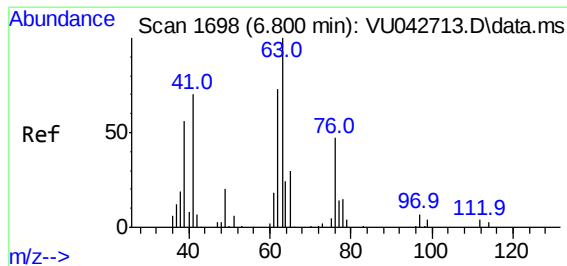


#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

Tgt Ion: 83 Resp: 7179

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

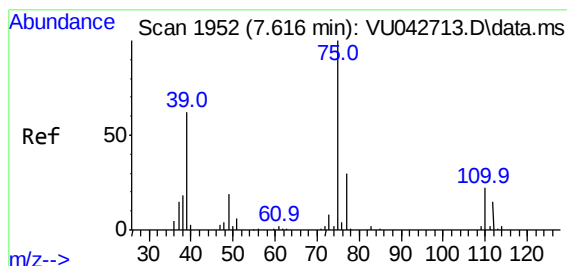
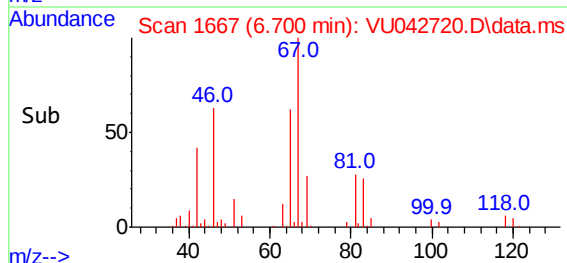
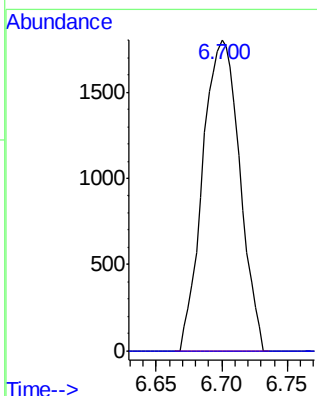
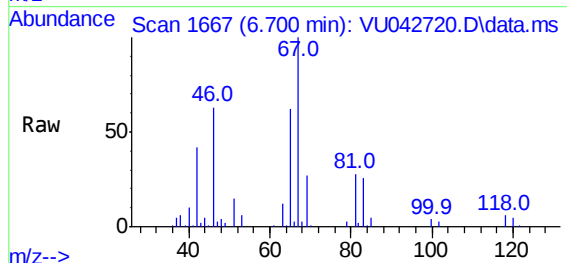




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

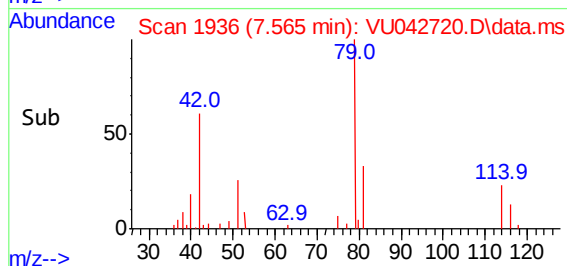
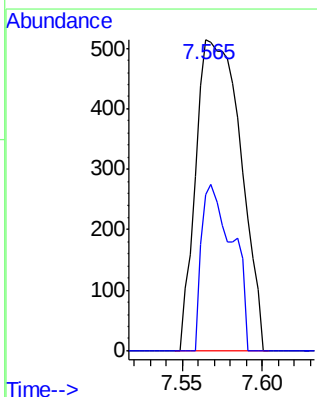
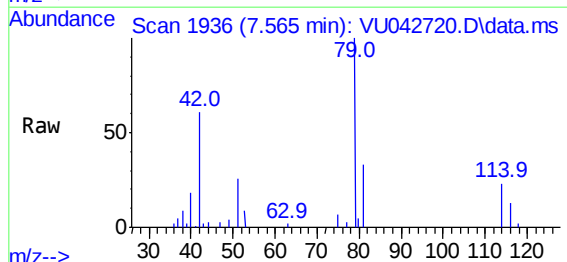
Instrument :
MSVOA_U
ClientSampleId :
ETZF4

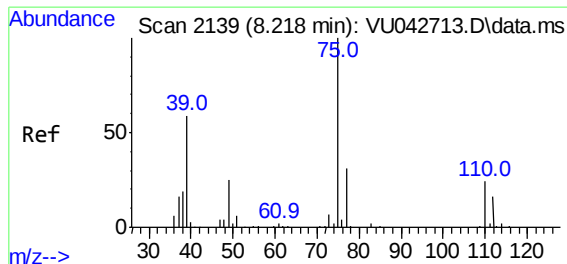
Tgt Ion: 63 Resp: 3531
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.051 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
77 50.4 22.0 40.8#

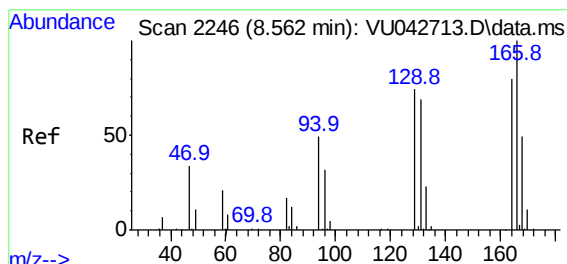
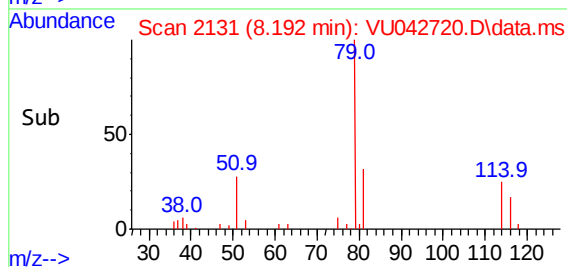
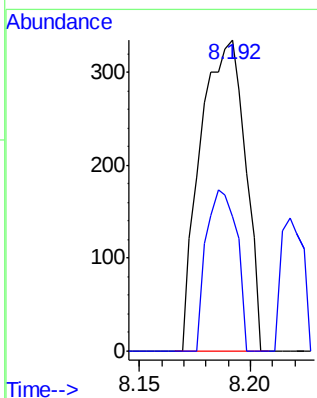
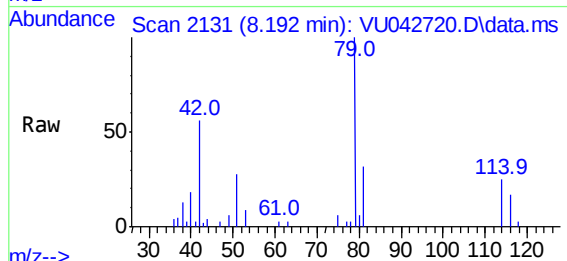




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

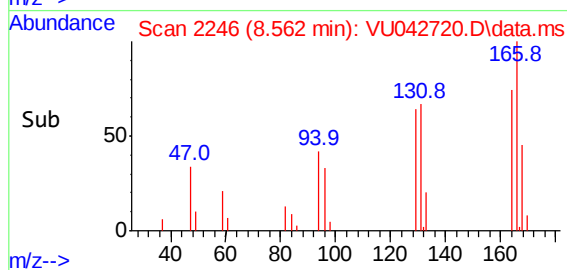
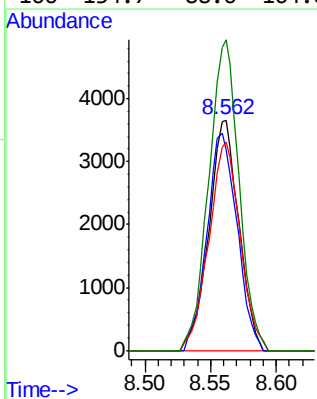
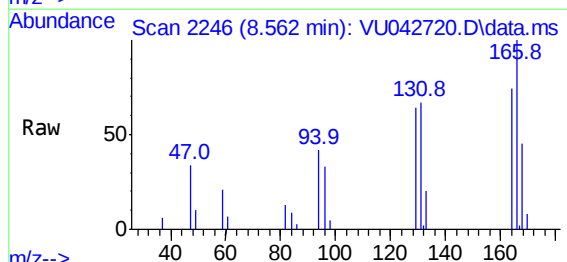
Instrument :
MSVOA_U
ClientSampled :
ETZF4

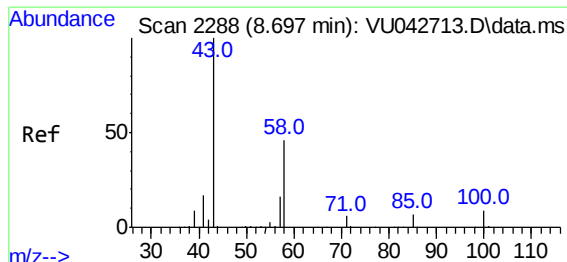
Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
77 43.0 21.8 40.4#



#47
Tetrachloroethene
Concen: 1.16 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

Tgt Ion: 164 Resp: 5785
Ion Ratio Lower Upper
164 100
129 86.7 64.3 119.5
131 90.3 62.2 115.6
166 134.7 88.6 164.6

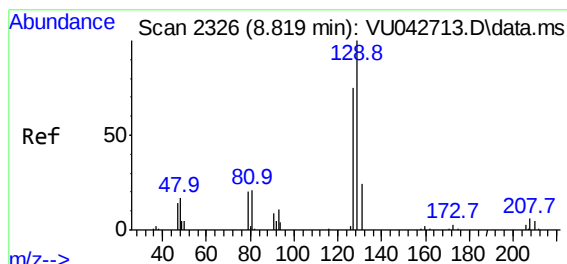
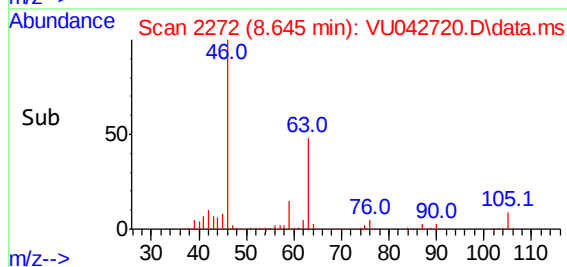
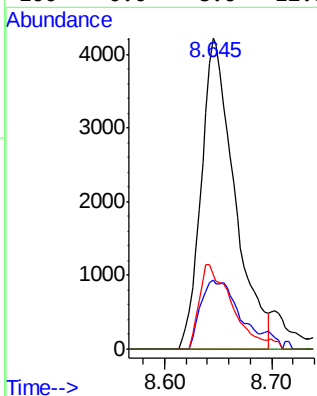
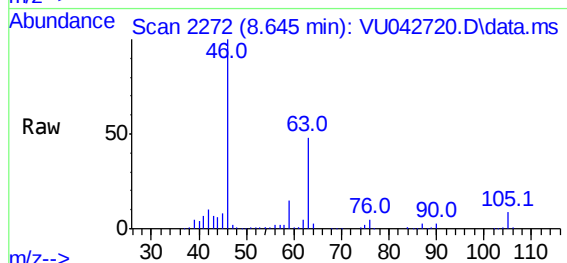




#48
2-Hexanone
Concen: 2.36 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

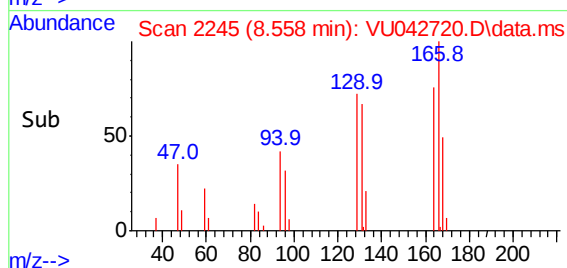
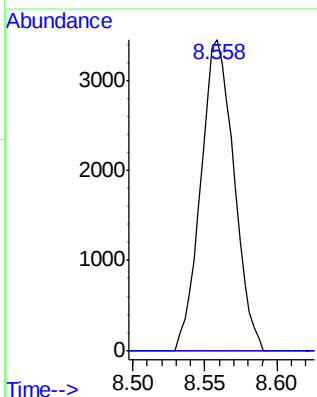
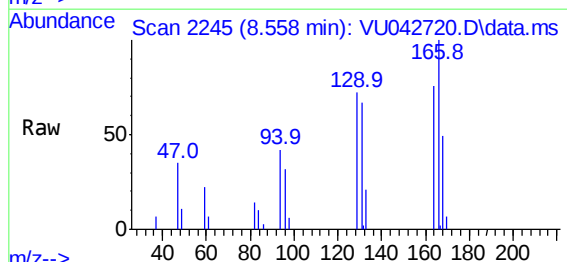
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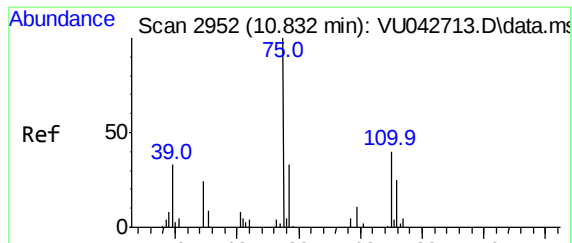
Tgt Ion:	43	Resp:	9048
Ion	Ratio	Lower	Upper
43	100		
58	25.2	40.6	61.0#
57	27.2	14.9	22.3#
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 1.00 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

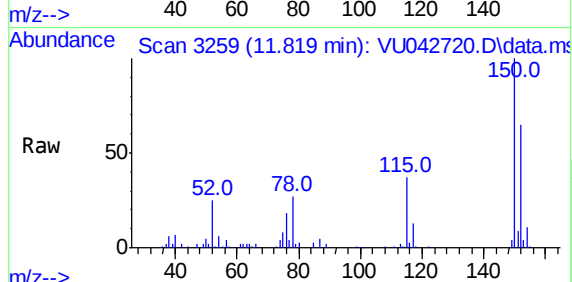
Tgt Ion:	129	Resp:	5496
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 0.88 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042720.D
Acq: 19 Mar 2021 15:02

Instrument :
MSVOA_U
ClientSampleId :
ETZF4



Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
77 45.0 26.0 39.0#

