

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042623.D
 Acq On : 12 Mar 2021 20:15
 Operator : SY/MD
 Sample : M1679-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF1

Quant Time: Mar 13 05:32:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

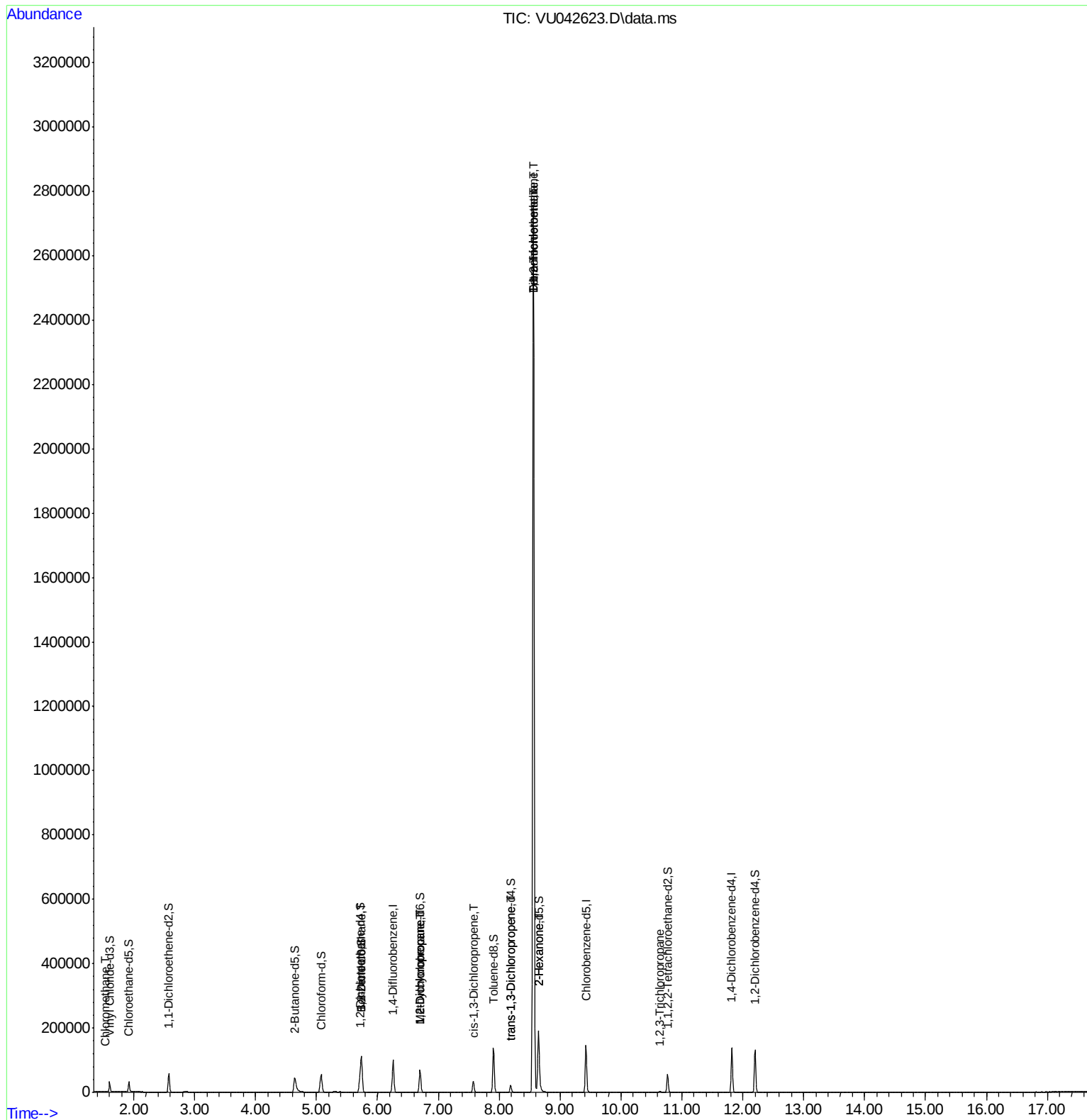
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	75785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	74442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33802	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21942	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.922	69	21014	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.575	63	36612	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.642	46	90693	54.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	5.073	84	48972	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	33451	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.739	84	91085	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	30119	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	85359	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.189	79	11317	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.645	63	62875	47.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25301	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	33432	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						
3) Chloromethane	1.523	50	526	0.08	ug/L	94
27) 1,2-Dichloroethane	5.735	62	306	0.04	ug/L #	75
35) Methylcyclohexane	6.700	83	7120	0.72	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3736	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.581	75	950	0.10	ug/L #	80
44) trans-1,3-Dichloropropene	8.192	75	519	0.06	ug/L #	73
45) 1,1,2-Trichloroethane	8.562	97	5404	1.17	ug/L #	11
47) Tetrachloroethene	8.562	164	569065	108.10	ug/L	99
48) 2-Hexanone	8.645	43	9596	2.37	ug/L #	71
49) Dibromochloromethane	8.562	129	515180	88.77	ug/L #	12
59) 1,2,3-Trichloropropane	10.642	75	776	0.16	ug/L #	42

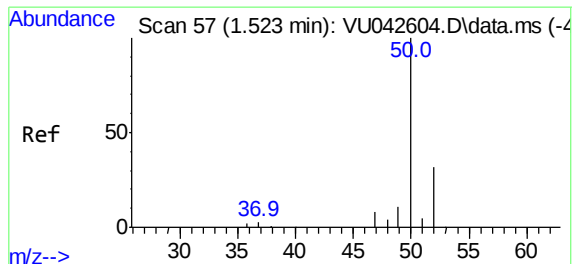
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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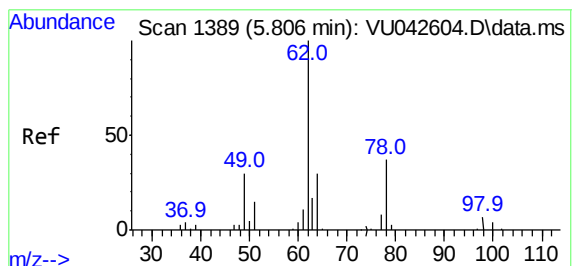
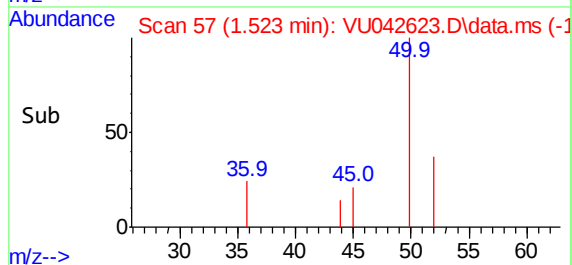
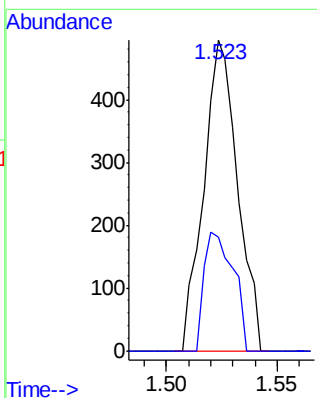
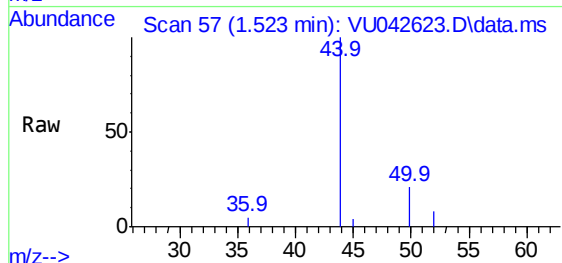




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

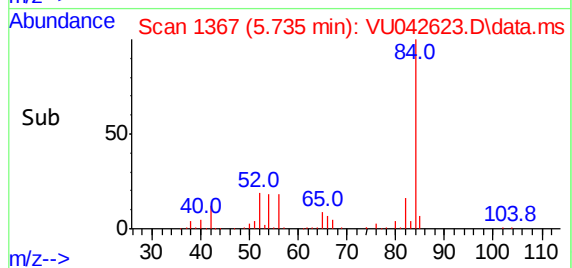
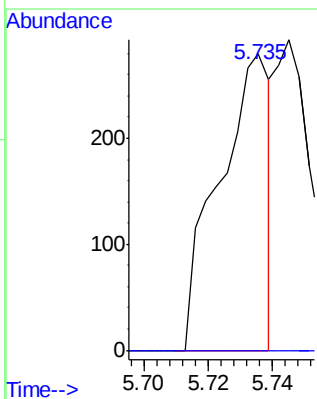
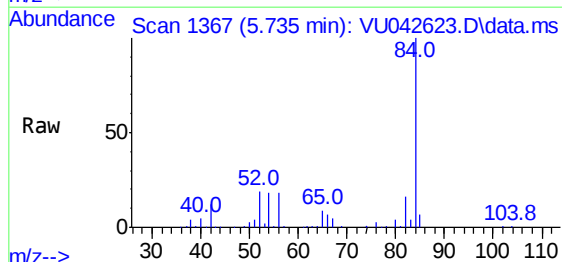
Instrument :
MSVOA_U
ClientSampleId :
C0AF1

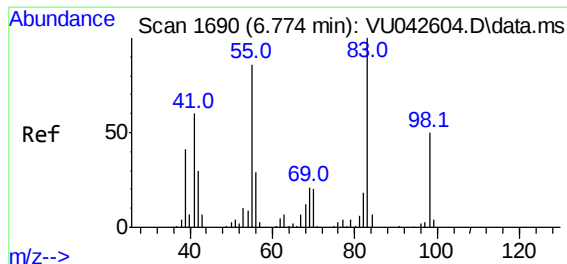
Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 36.6 23.0 42.8



#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

Tgt Ion: 62 Resp: 306
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

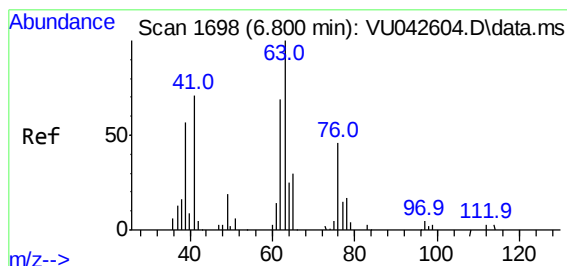
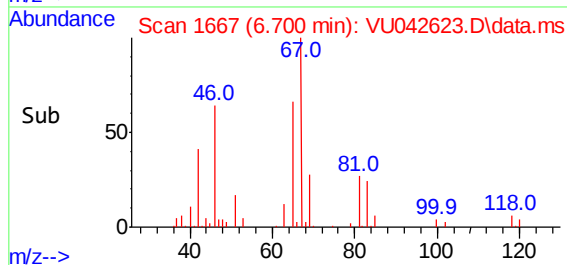
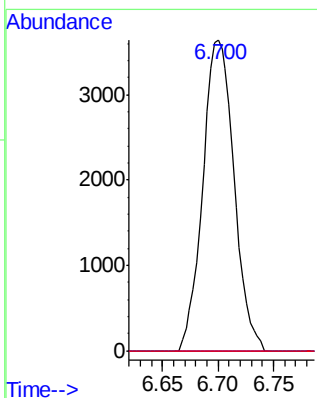
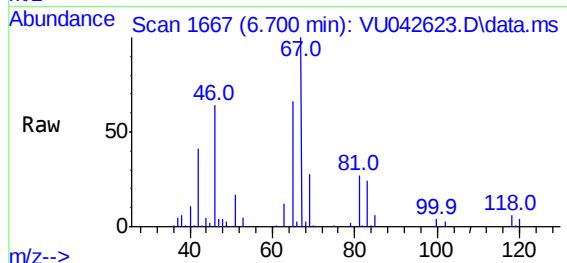




#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

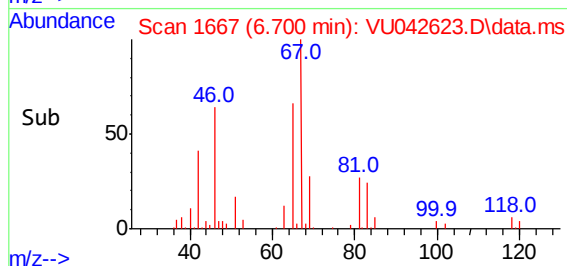
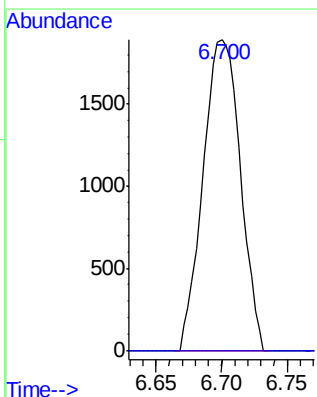
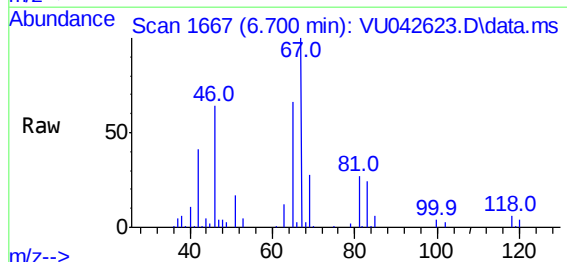
Instrument :
MSVOA_U
ClientSampleId :
C0AF1

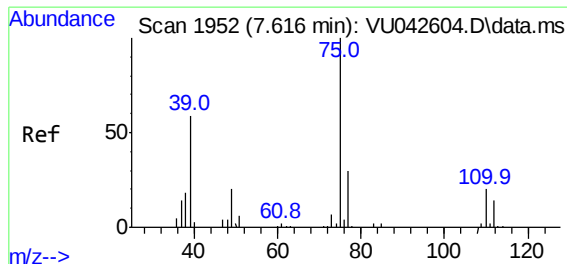
Tgt Ion: 83 Resp: 7120
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

Tgt Ion: 63 Resp: 3736
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

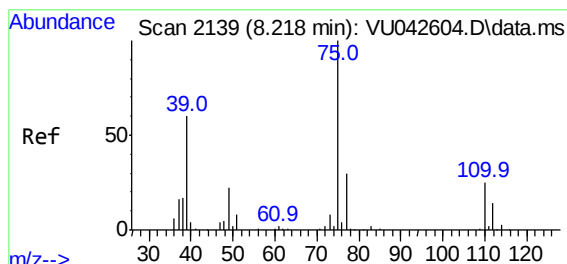
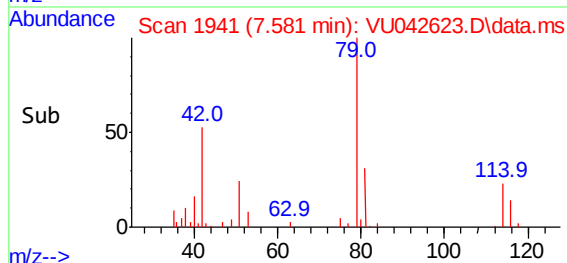
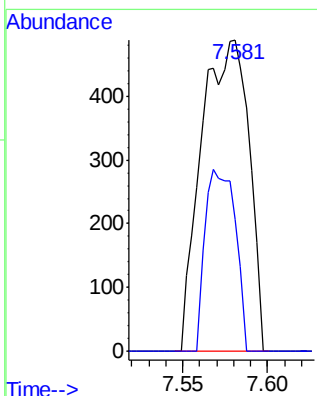
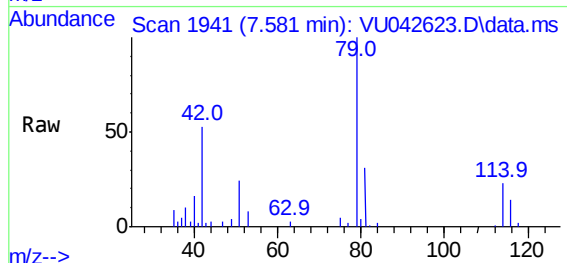




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.035 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

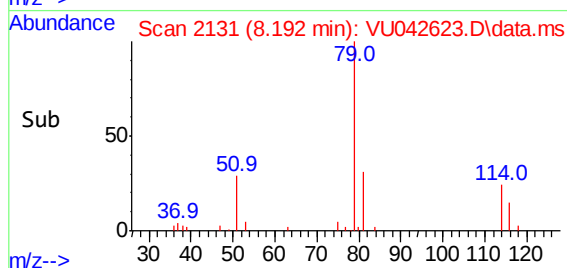
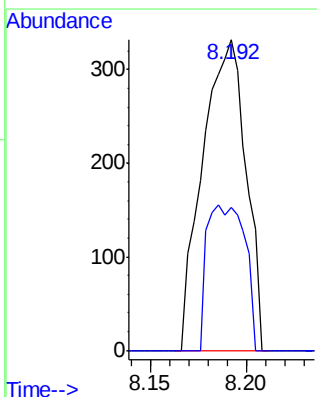
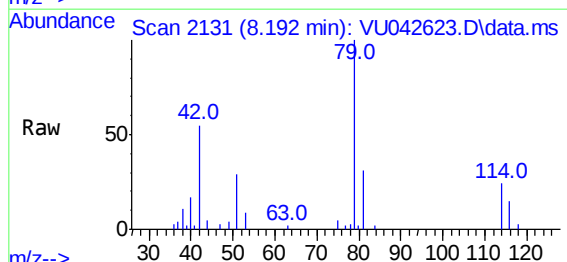
Instrument :
MSVOA_U
ClientSampleId :
C0AF1

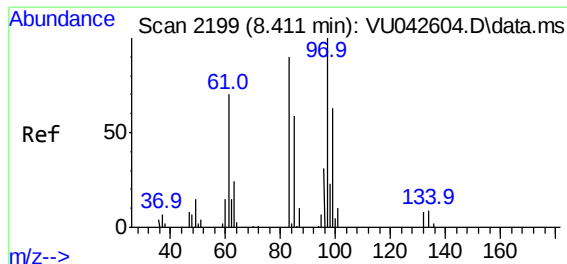
Tgt Ion: 75 Resp: 950
Ion Ratio Lower Upper
75 100
77 42.3 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

Tgt Ion: 75 Resp: 519
Ion Ratio Lower Upper
75 100
77 46.1 21.8 40.4#



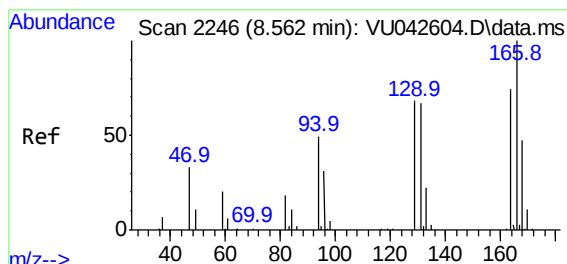
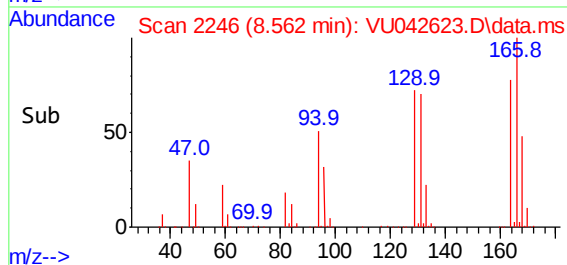
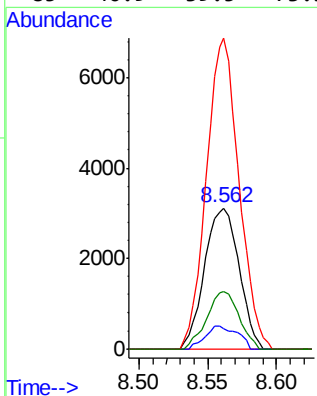
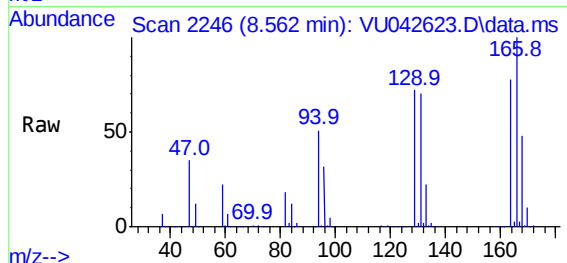


#45
1,1,2-Trichloroethane
Concen: 1.17 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.151 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

Instrument :
MSVOA_U
ClientSampleId :
C0AF1

Tgt Ion: 97 Resp: 5404

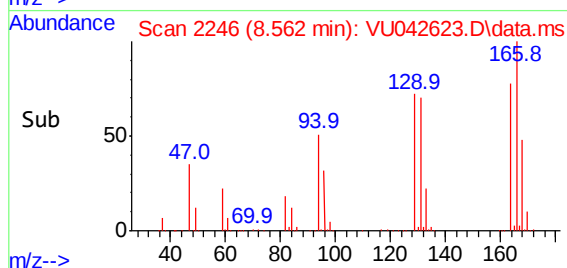
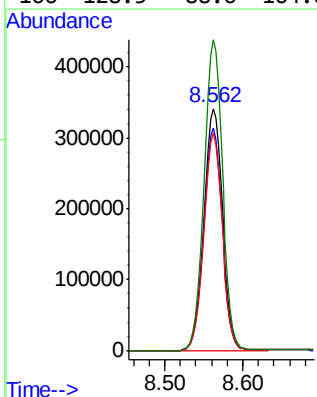
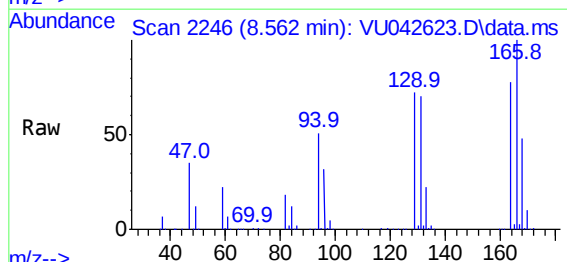
Ion	Ratio	Lower	Upper
97	100		
99	14.5	44.0	81.8#
83	221.1	57.6	107.0#
85	40.9	39.5	73.3

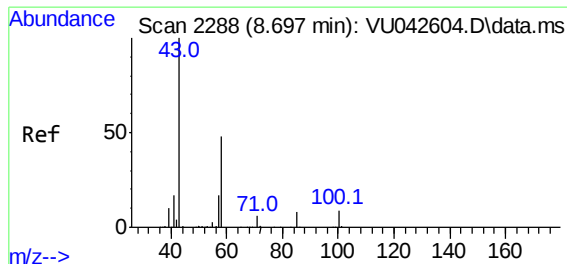


#47
Tetrachloroethene
Concen: 108.10 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

Tgt Ion: 164 Resp: 569065

Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.3	119.5
131	89.8	62.2	115.6
166	128.5	88.6	164.6

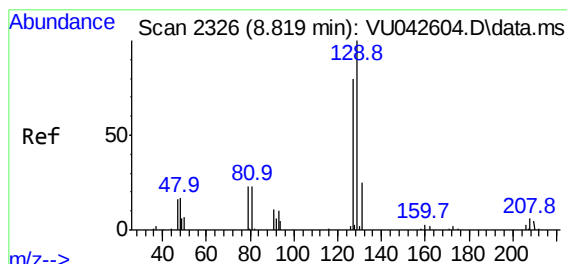
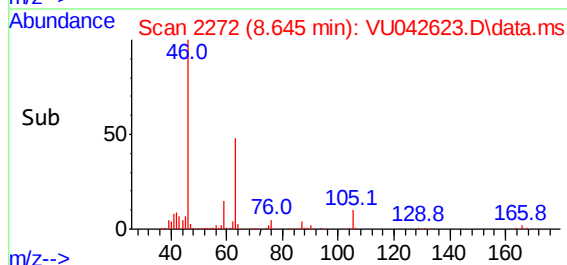
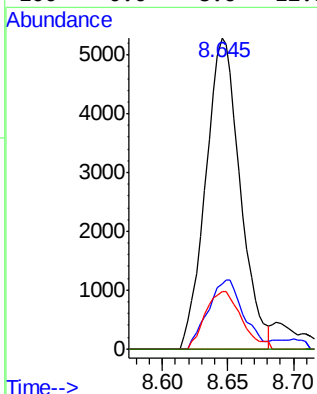
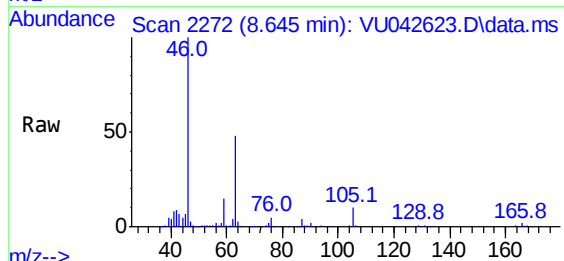




#48
2-Hexanone
Concen: 2.37 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

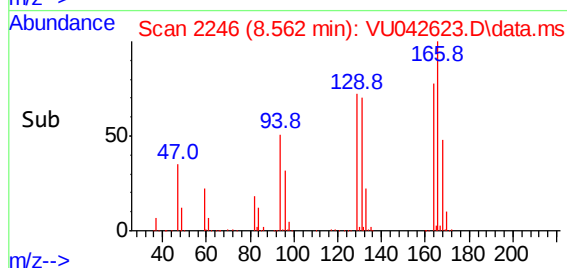
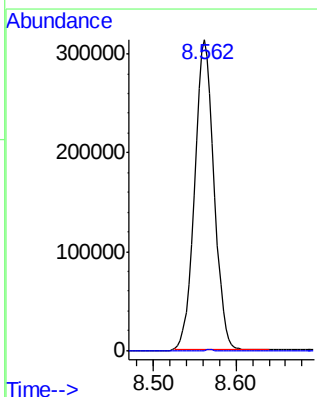
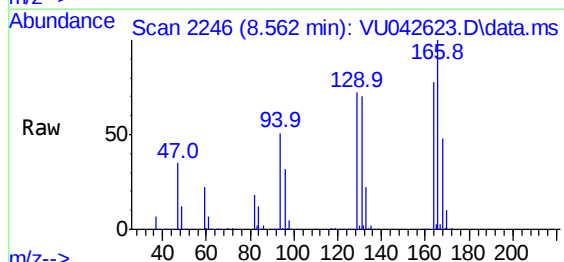
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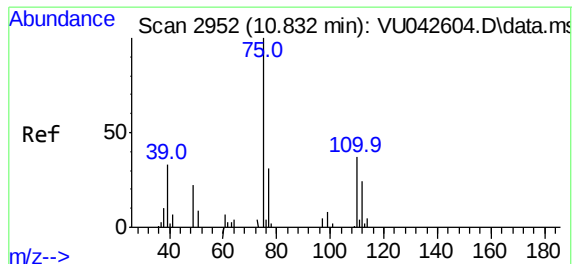
Tgt Ion:	43	Resp:	9596
Ion	Ratio	Lower	Upper
43	100		
58	23.1	40.6	61.0#
57	19.4	14.9	22.3
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 88.77 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042623.D
Acq: 12 Mar 2021 20:15

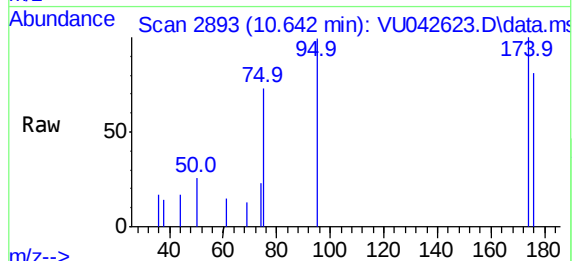
Tgt Ion:	129	Resp:	515180
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.16 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042623.D
 Acq: 12 Mar 2021 20:15

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Tgt Ion: 75 Resp: 776
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

