

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042754.D
 Acq On : 22 Mar 2021 11:51
 Operator : SY/MD
 Sample : M1743-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD3

Quant Time: Mar 23 07:17:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

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

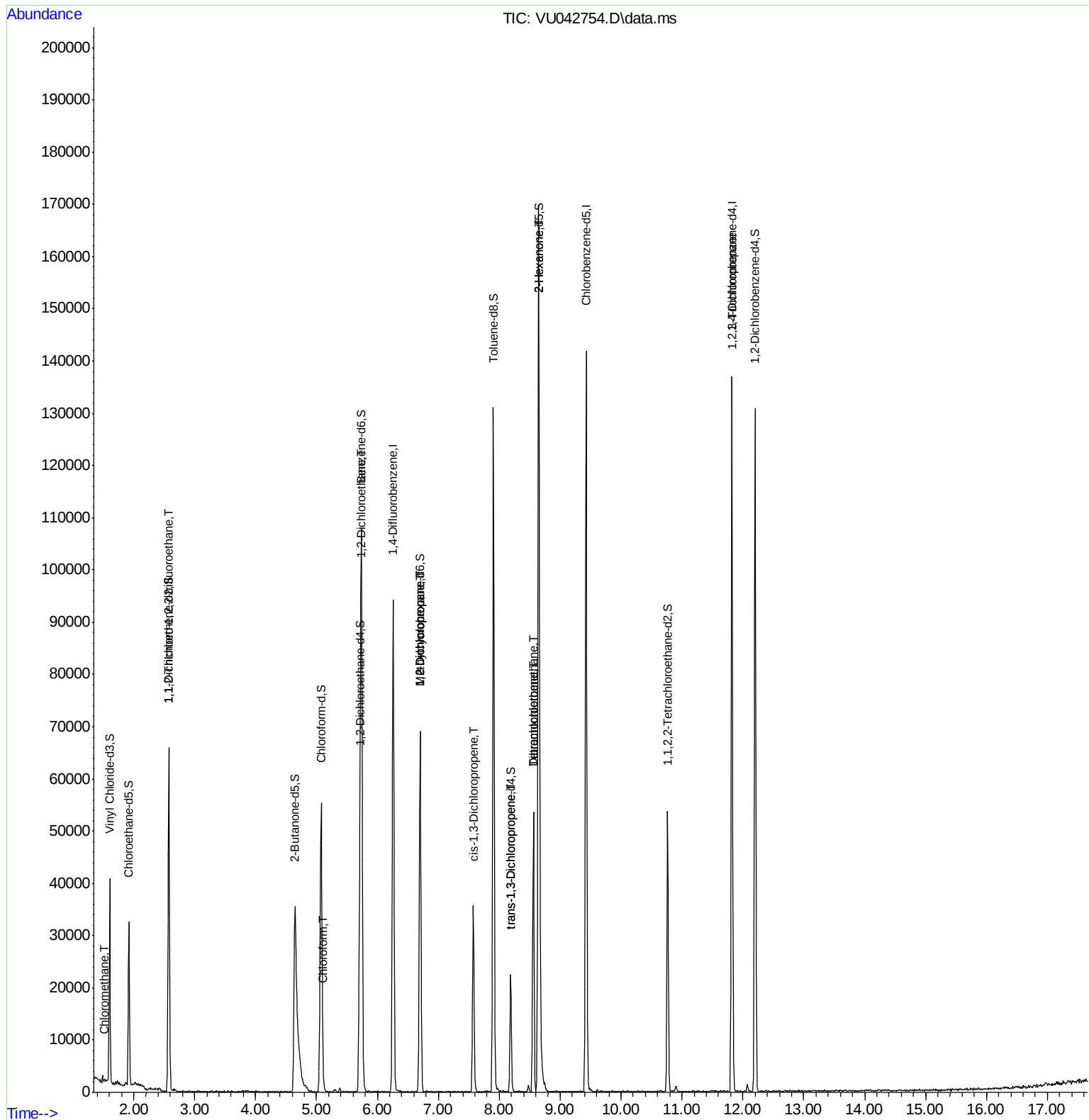
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	72300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	73432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34403	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25337	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.919	69	20477	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.575	63	39787	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.649	46	87376	55.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.42%
24) Chloroform-d	5.073	84	48825	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.713	65	31278	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.736	84	89241	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.700	67	29091	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	81859	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.189	79	11922	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.645	63	61964	47.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24984	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	32282	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						
3) Chloromethane	1.520	50	415	0.07	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	319	0.06	ug/L #	18
25) Chloroform	5.102	83	2485	0.23	ug/L	95
27) 1,2-Dichloroethane	5.726	62	311	0.04	ug/L #	75
35) Methylcyclohexane	6.700	83	6939	0.72	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3633	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1046	0.12	ug/L #	71
44) trans-1,3-Dichloropropene	8.189	75	626	0.08	ug/L #	67
47) Tetrachloroethene	8.562	164	11594	2.23	ug/L	95
48) 2-Hexanone	8.645	43	9440	2.37	ug/L #	72
49) Dibromochloromethane	8.562	129	10086	1.76	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	4469	0.96	ug/L	92

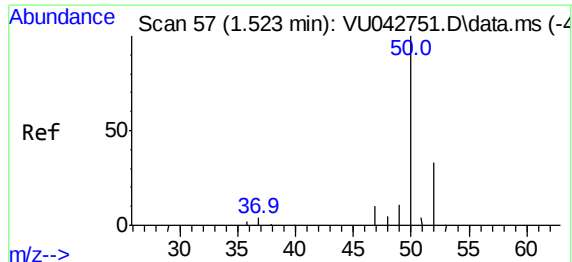
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.07 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU042754.D

Acq: 22 Mar 2021 11:51

Instrument :

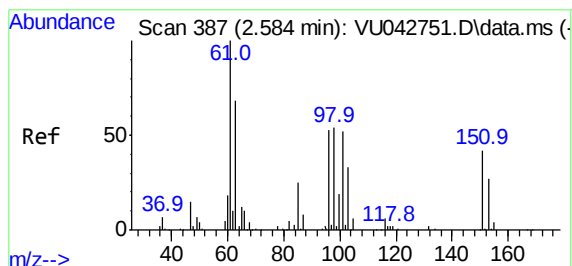
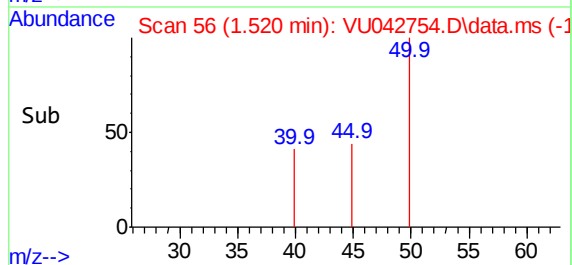
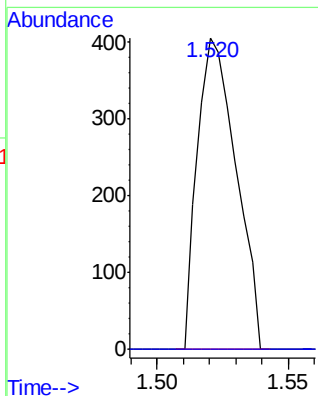
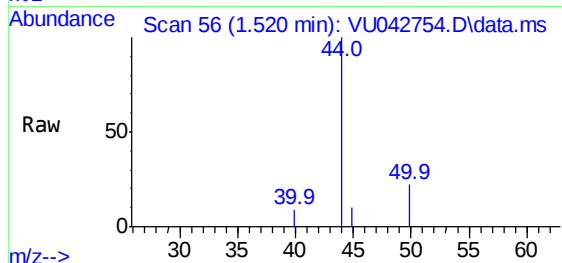
MSVOA_U

ClientSampleId :

ETZD3

Tgt Ion: 50 Resp: 415

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.06 ug/L

RT: 2.575 min Scan# 384

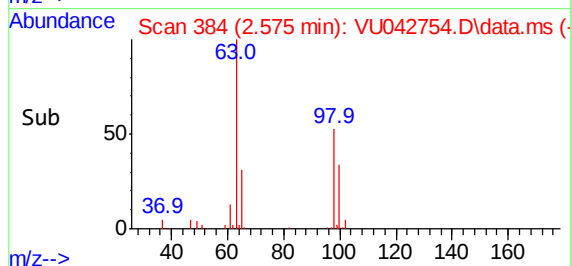
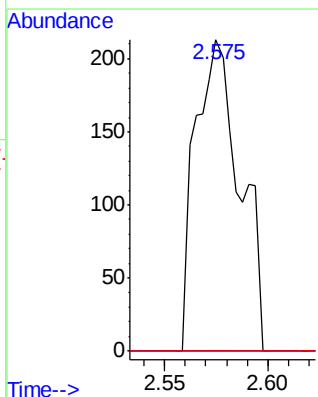
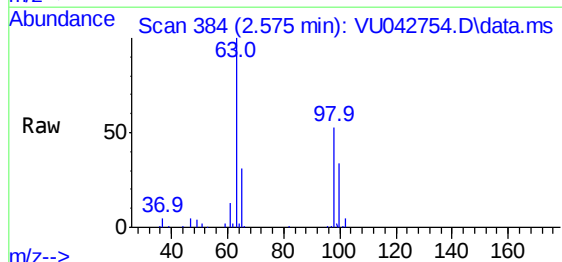
Delta R.T. -0.010 min

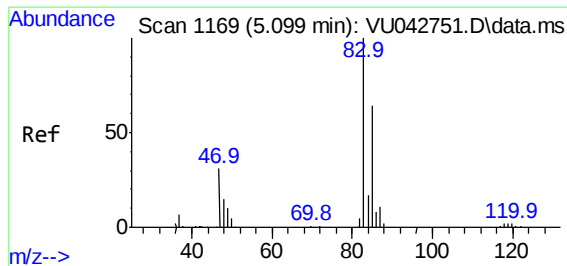
Lab File: VU042754.D

Acq: 22 Mar 2021 11:51

Tgt Ion: 101 Resp: 319

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#

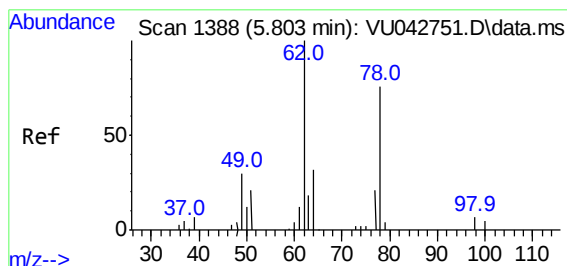
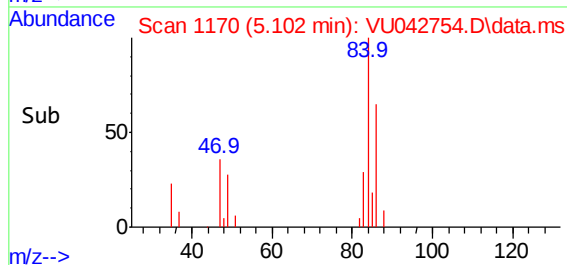
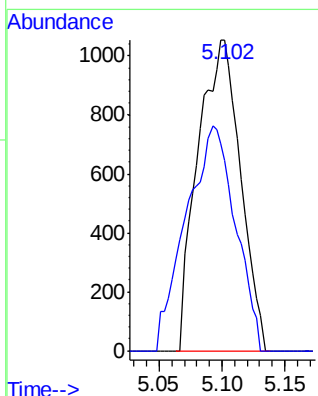
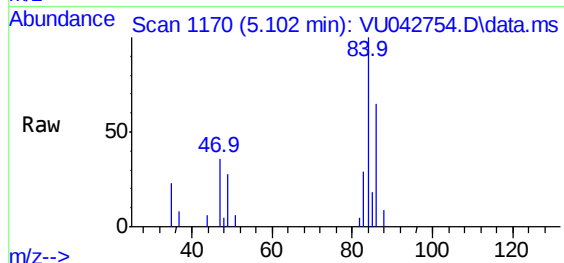




#25
Chloroform
Concen: 0.23 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

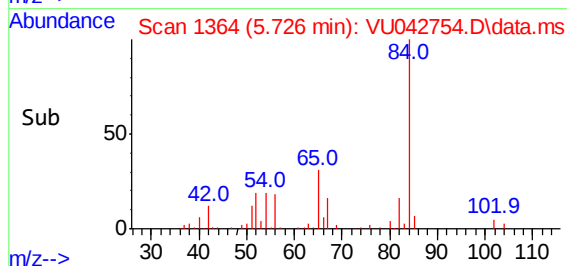
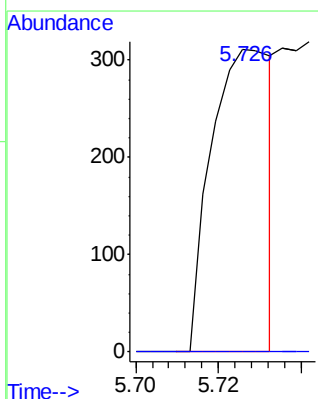
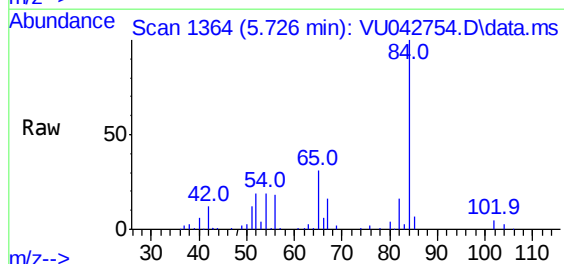
Instrument :
MSVOA_U
ClientSampled :
ETZD3

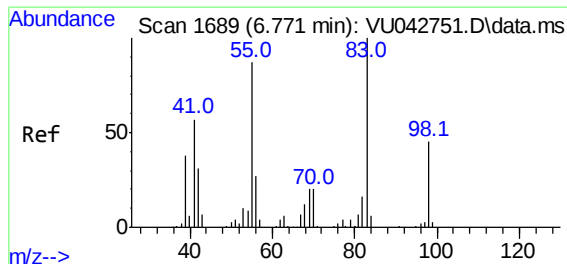
Tgt Ion: 83 Resp: 2485
Ion Ratio Lower Upper
83 100
85 61.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.077 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

Tgt Ion: 62 Resp: 311
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

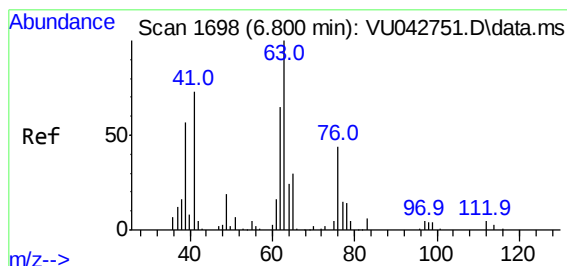
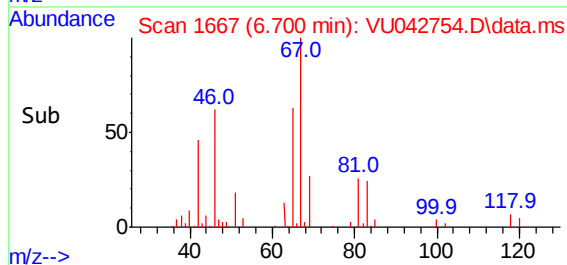
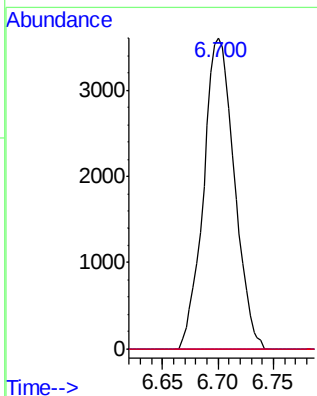
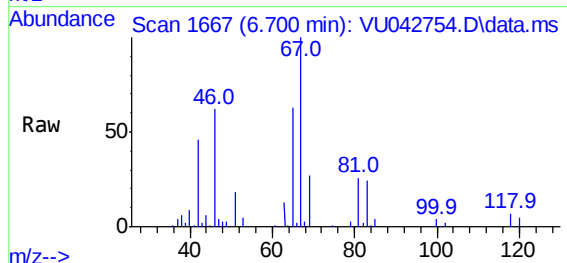




#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

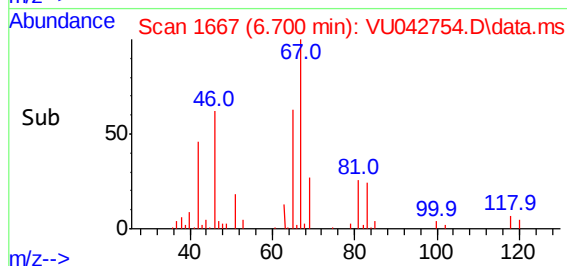
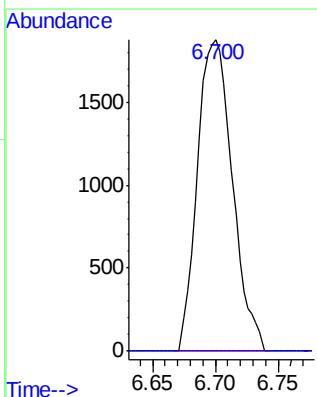
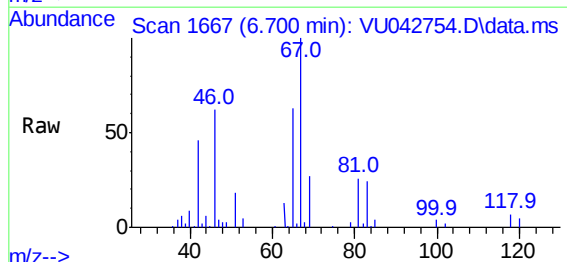
Instrument :
MSVOA_U
ClientSampleId :
ETZD3

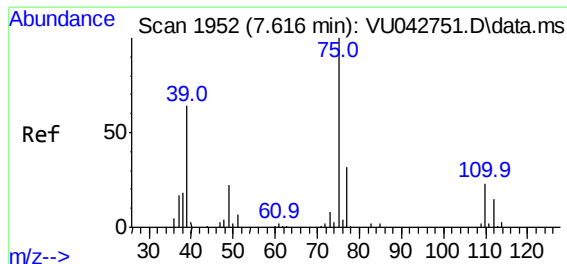
Tgt Ion: 83 Resp: 6939
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

Tgt Ion: 63 Resp: 3633
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

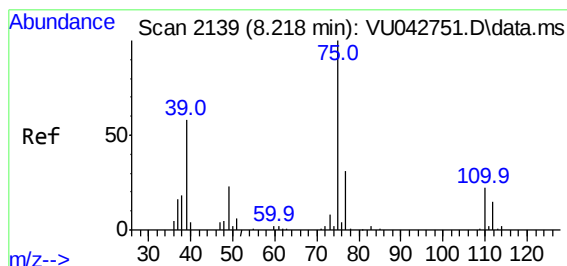
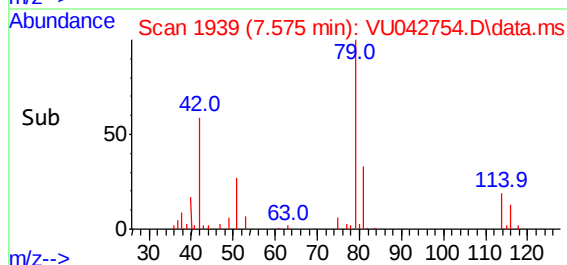
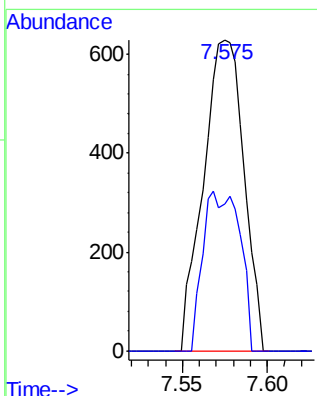
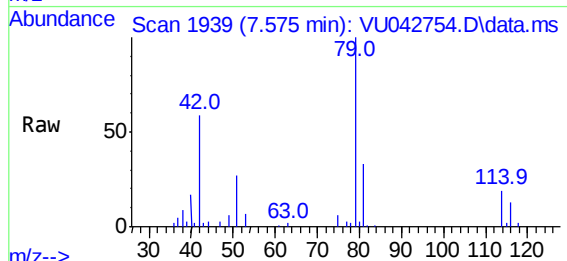




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042754.D
 Acq: 22 Mar 2021 11:51

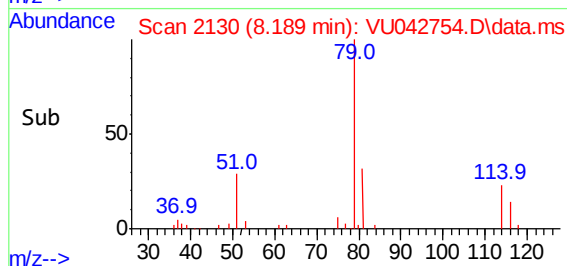
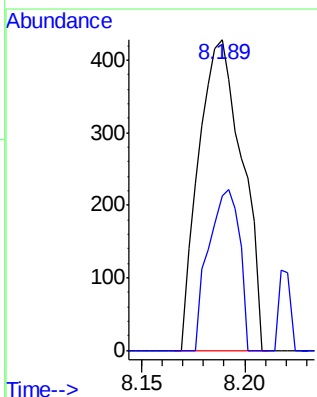
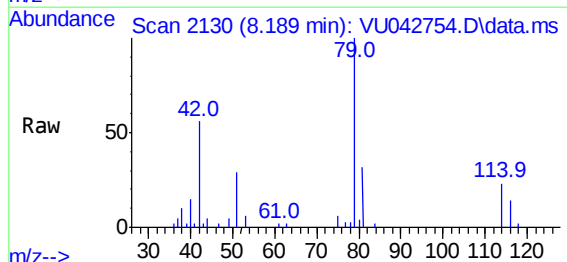
Instrument :
 MSVOA_U
 ClientSampled :
 ETZD3

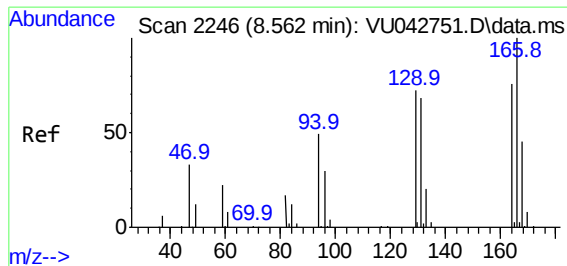
Tgt Ion: 75 Resp: 1046
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.08 ug/L
 RT: 8.189 min Scan# 2130
 Delta R.T. -0.029 min
 Lab File: VU042754.D
 Acq: 22 Mar 2021 11:51

Tgt Ion: 75 Resp: 626
 Ion Ratio Lower Upper
 75 100
 77 49.5 21.8 40.4#



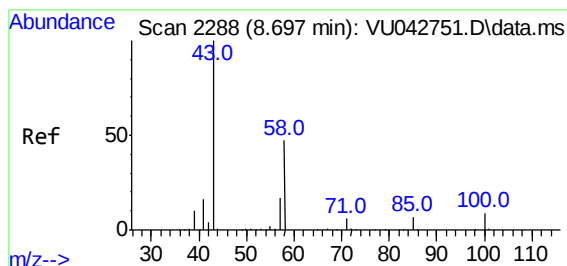
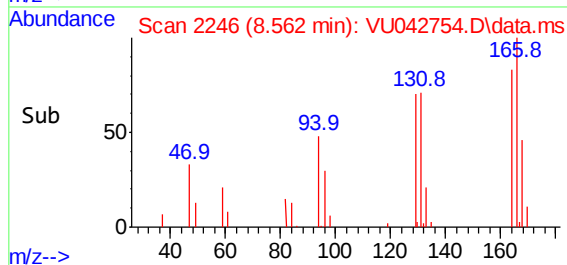
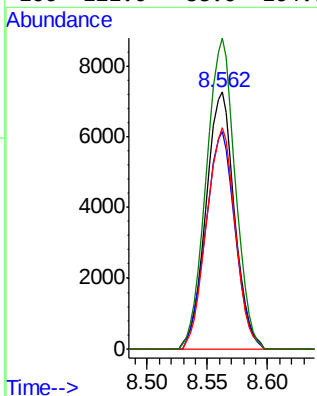
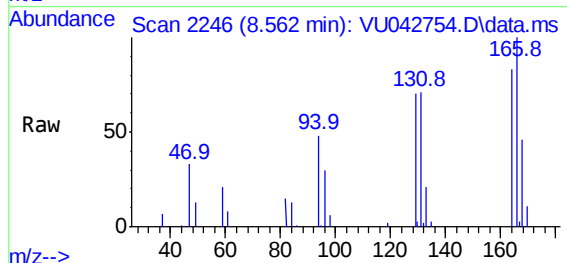


#47
Tetrachloroethene
Concen: 2.23 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

Instrument :
MSVOA_U
ClientSampled :
ETZD3

Tgt Ion:164 Resp: 11594

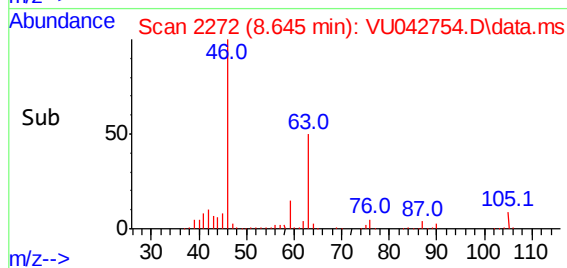
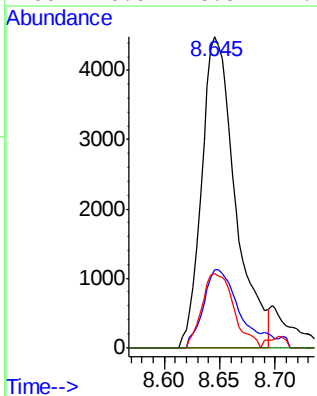
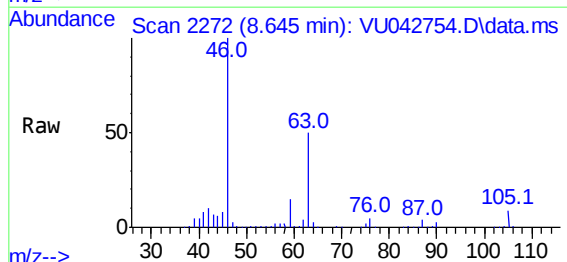
Ion	Ratio	Lower	Upper
164	100		
129	84.7	64.3	119.5
131	86.0	62.2	115.6
166	121.0	88.6	164.6

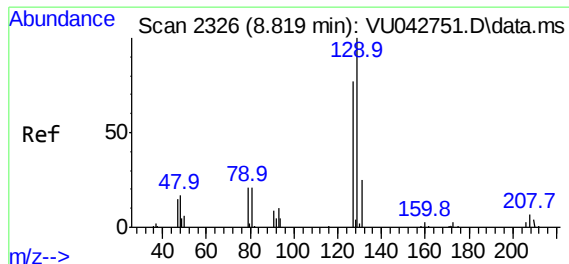


#48
2-Hexanone
Concen: 2.37 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

Tgt Ion: 43 Resp: 9440

Ion	Ratio	Lower	Upper
43	100		
58	27.0	40.6	61.0#
57	22.4	14.9	22.3#
100	0.0	8.6	12.8#

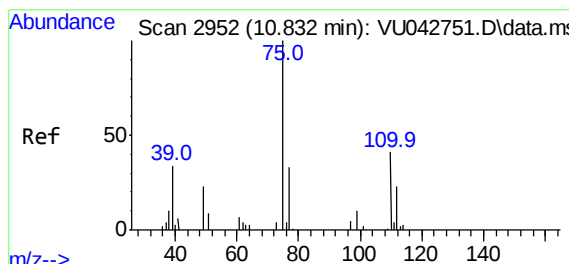
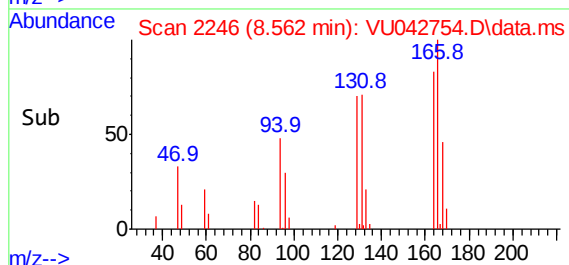
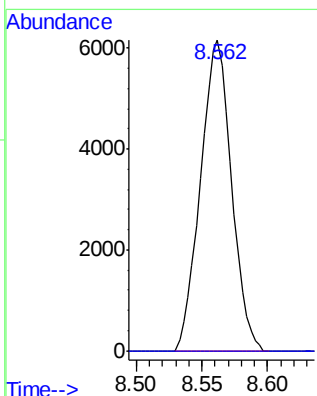
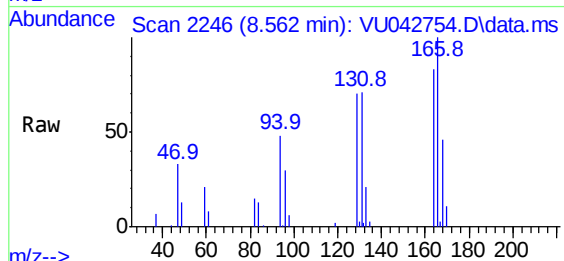




#49
Dibromochloromethane
Concen: 1.76 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

Instrument :
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ClientSampleId :
ETZD3

Tgt Ion:129 Resp: 10086
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.96 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042754.D
Acq: 22 Mar 2021 11:51

Tgt Ion: 75 Resp: 4469
Ion Ratio Lower Upper
75 100
77 36.8 26.0 39.0

