

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042528.D
 Acq On : 08 Mar 2021 14:53
 Operator : SY/MD
 Sample : M1588-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

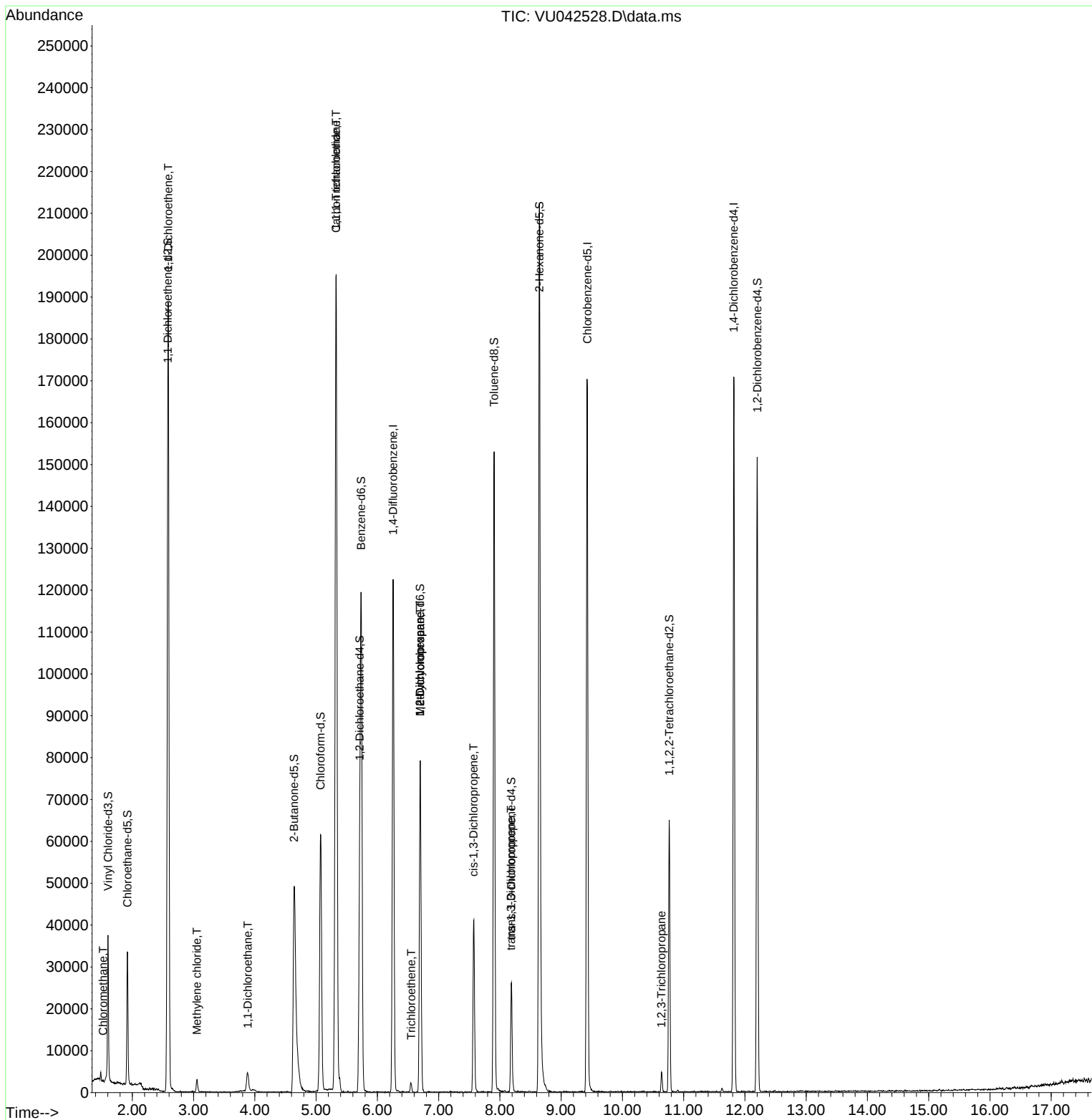
Quant Time: Mar 09 01:37:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 09 01:35:43 2021
 Response via : Initial Calibration

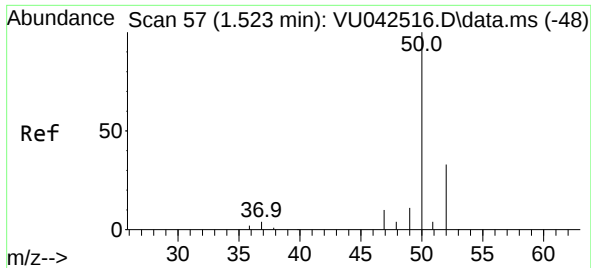
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	93864	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42924	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23654	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.919	69	21442	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.578	63	67984	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.642	46	101854	49.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	5.073	84	55707	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.713	65	37202	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	99336	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	34319	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.906	98	94999	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloroprop...	8.186	79	13752	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.645	63	72497	45.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29521	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	38708	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	397	0.05	ug/L	99
12) 1,1-Dichloroethene	2.588	96	47788	7.23	ug/L	91
16) Methylene chloride	3.054	84	1248	0.16	ug/L	96
19) 1,1-Dichloroethane	3.883	63	5633	0.42	ug/L	91
29) 1,1,1-Trichloroethane	5.327	97	136182	10.98	ug/L	95
31) Carbon tetrachloride	5.324	117	16965	1.55	ug/L	100
34) Trichloroethene	6.555	95	694	0.09	ug/L	90
35) Methylcyclohexane	6.700	83	7992	0.68	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4044	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1128	0.10	ug/L	83
44) trans-1,3-Dichloropropene	8.182	75	711	0.07	ug/L	86
59) 1,2,3-Trichloropropane	10.639	75	1058	0.19	ug/L #	42

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 09 01:35:43 2021
Response via : Initial Calibration

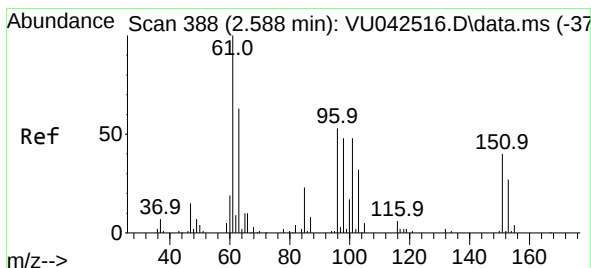
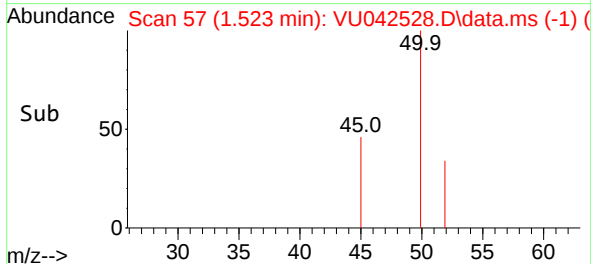
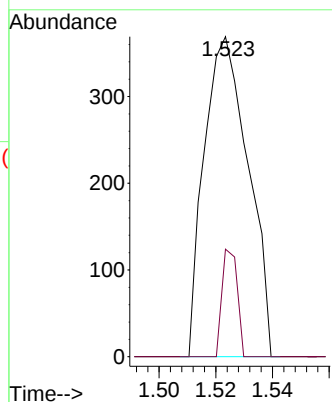
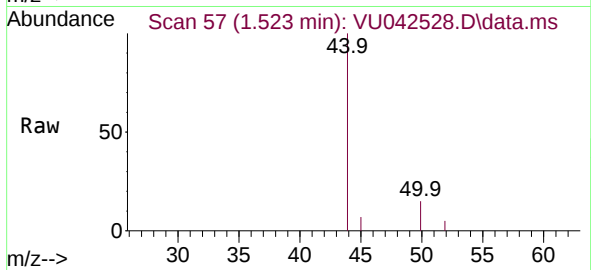




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

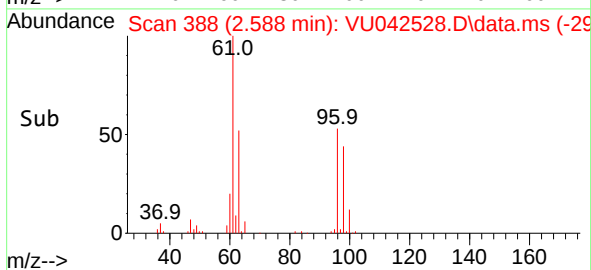
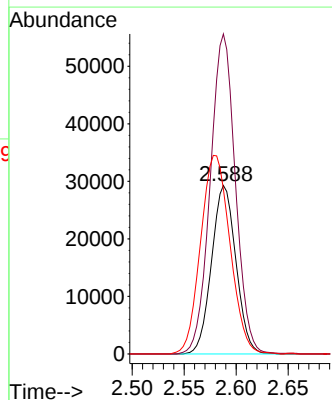
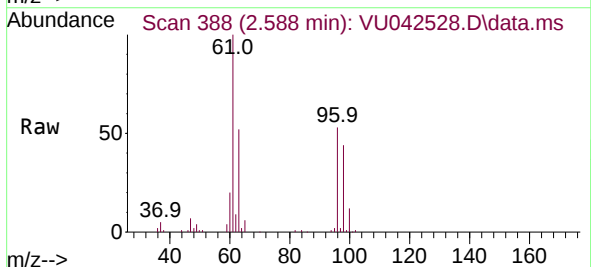
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MSVOA_U
ClientSampled :

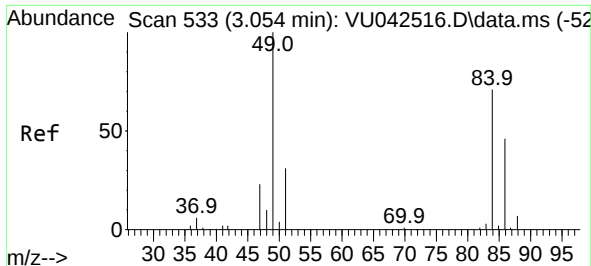
Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8



#12
1,1-Dichloroethene
Concen: 7.23 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Tgt Ion: 96 Resp: 47788
Ion Ratio Lower Upper
96 100
61 189.9 126.2 234.4
63 97.8 77.8 144.4

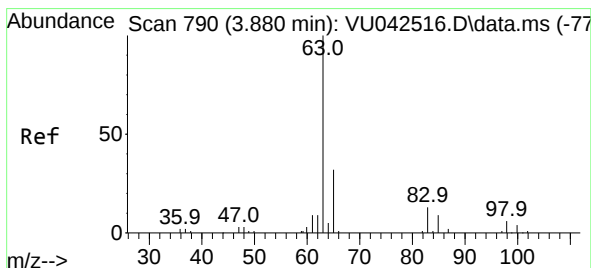
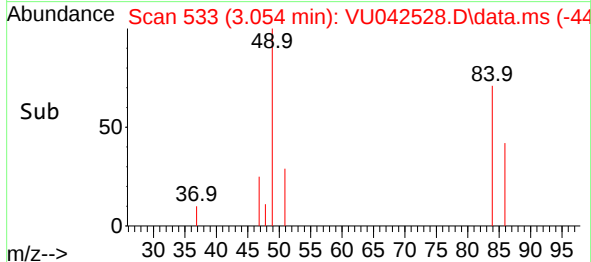
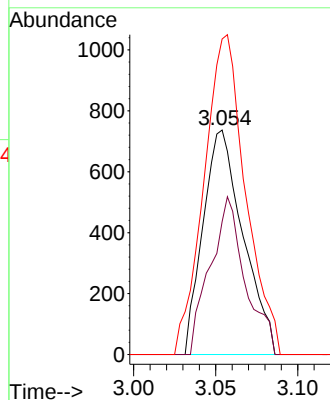
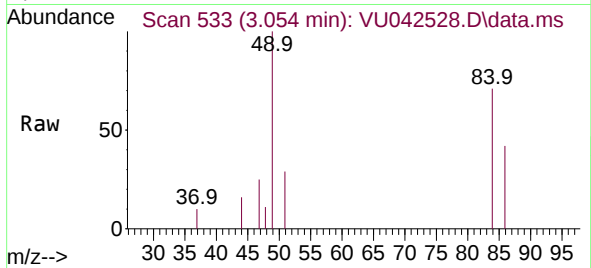




#16
Methylene chloride
Concen: 0.16 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

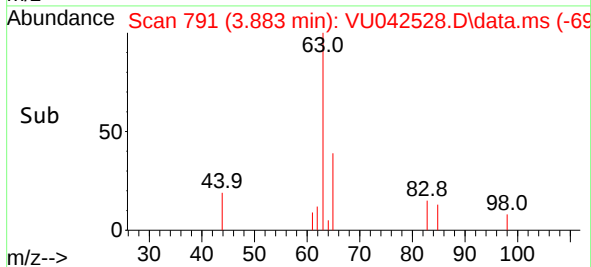
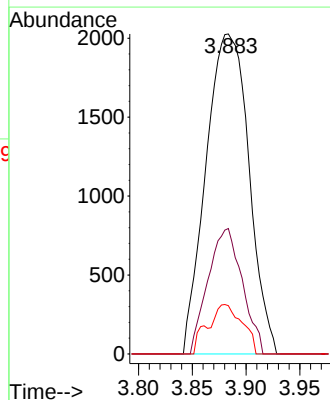
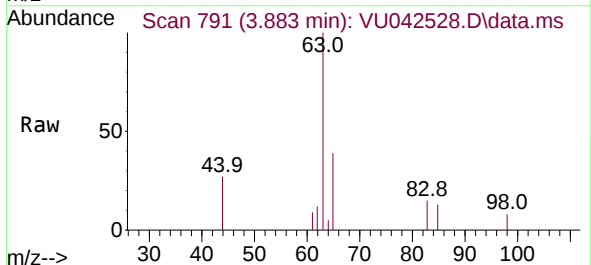
Instrument :
MSVOA_U
ClientSampleId :

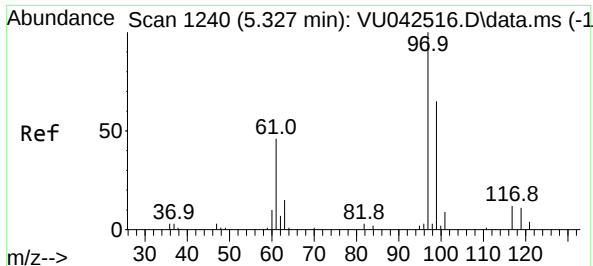
Tgt Ion: 84 Resp: 1248
Ion Ratio Lower Upper
84 100
86 59.2 44.1 81.9
49 140.6 95.0 176.4



#19
1,1-Dichloroethane
Concen: 0.42 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Tgt Ion: 63 Resp: 5633
Ion Ratio Lower Upper
63 100
65 39.2 22.5 41.9
83 15.1 10.1 18.7

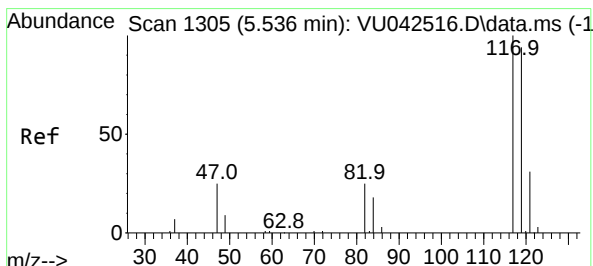
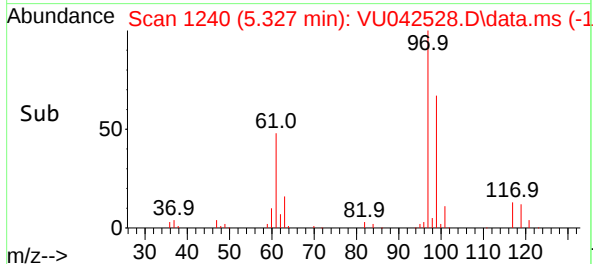
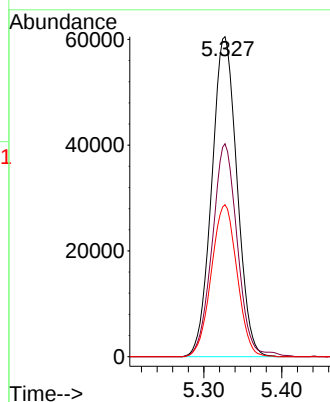
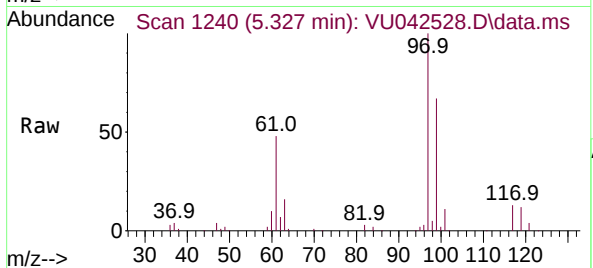




#29
1,1,1-Trichloroethane
Concen: 10.98 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

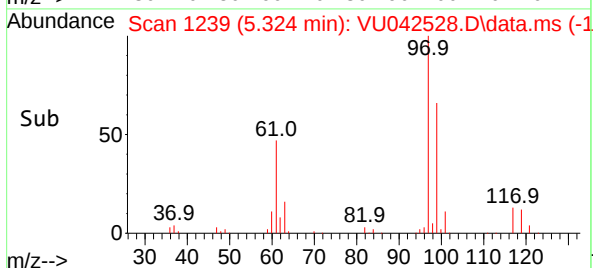
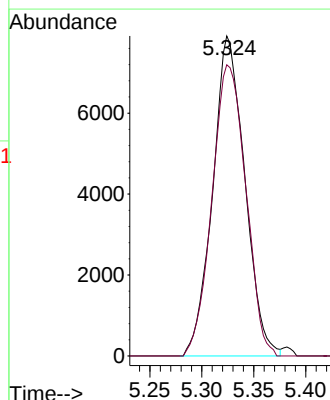
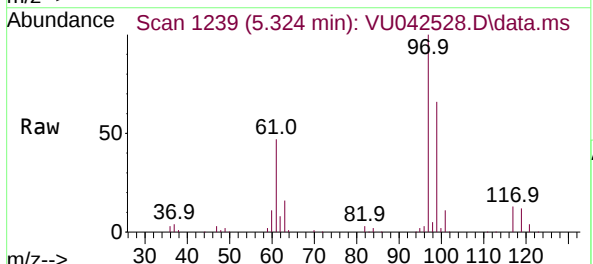
Instrument :
MSVOA_U
ClientSampleId :

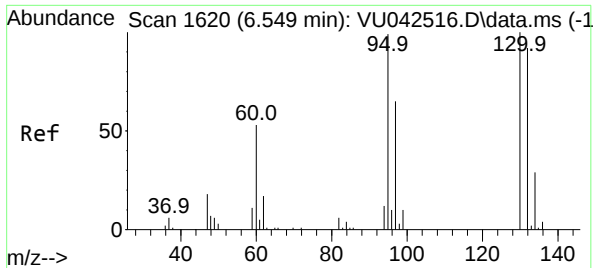
Tgt Ion: 97 Resp: 136182
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 48.4 35.8 53.6



#31
Carbon tetrachloride
Concen: 1.55 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.212 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Tgt Ion: 117 Resp: 16965
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.4



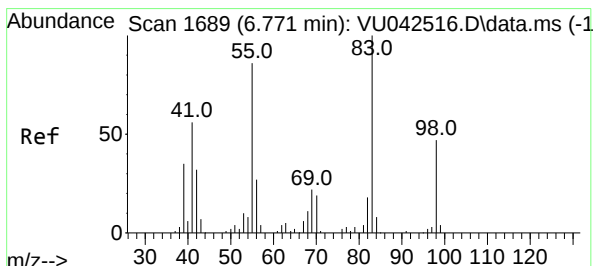
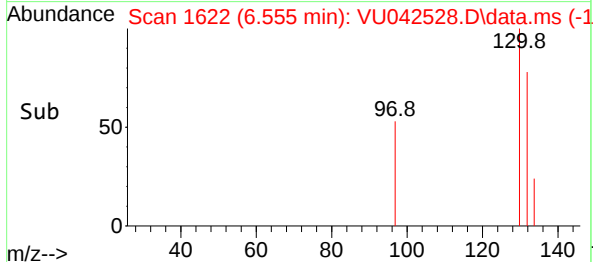
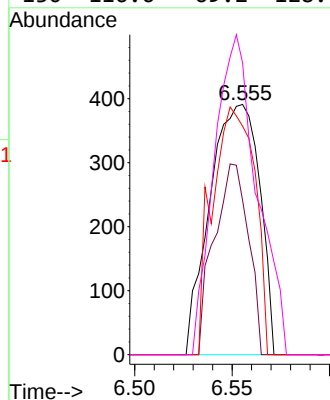
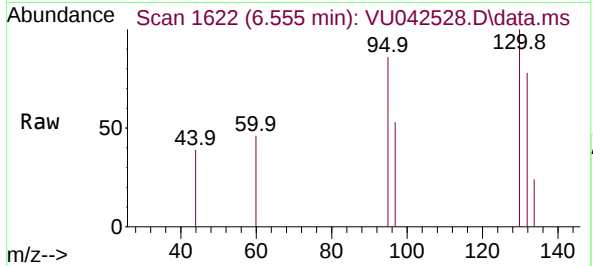


#34
Trichloroethene
Concen: 0.09 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 694

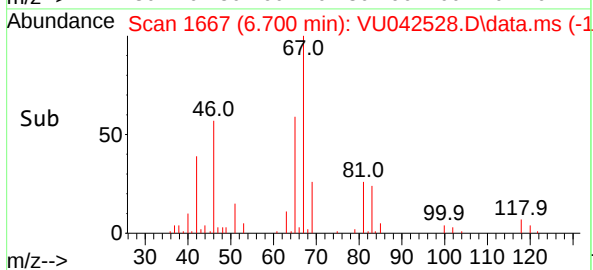
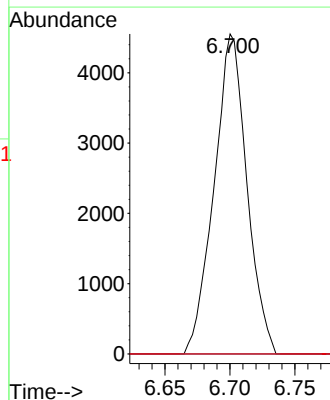
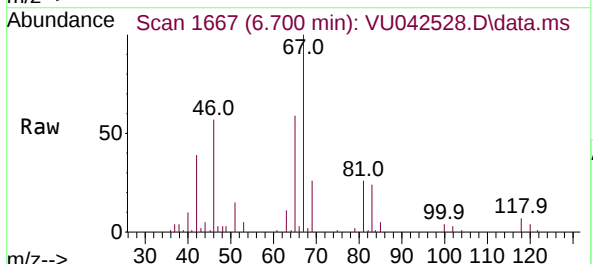
Ion	Ratio	Lower	Upper
95	100		
97	61.6	44.4	82.4
132	91.3	68.0	126.4
130	116.6	69.2	128.4

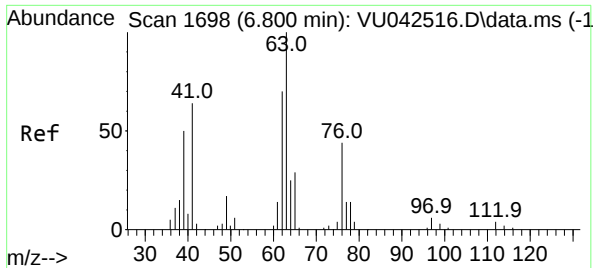


#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Tgt Ion: 83 Resp: 7992

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.5	39.7	59.5#

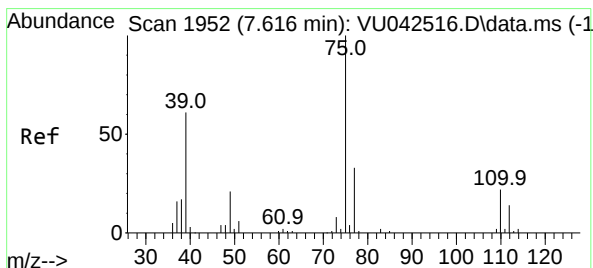
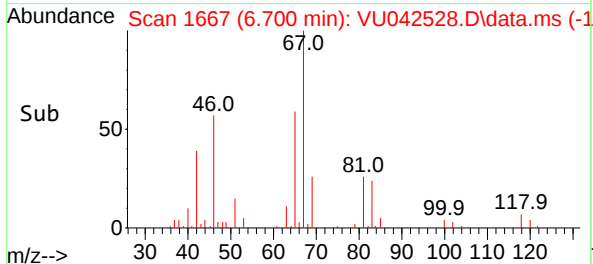
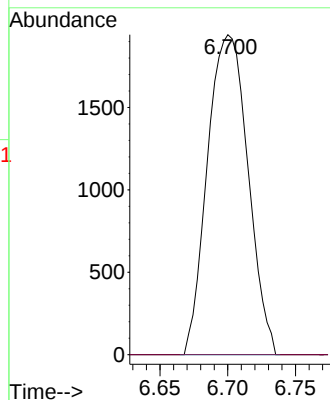
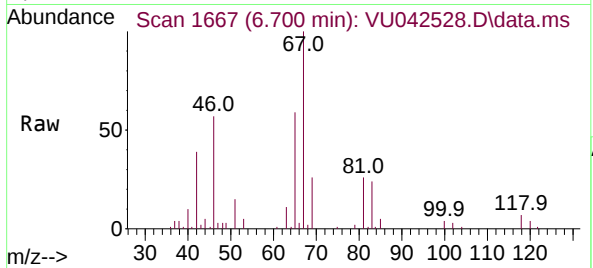




#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

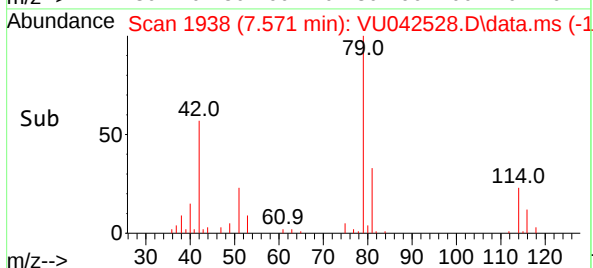
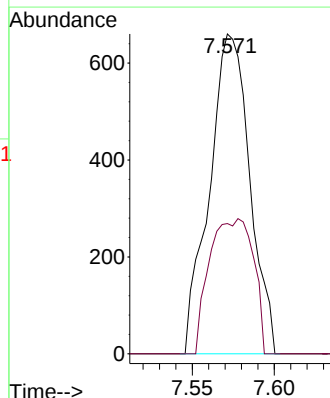
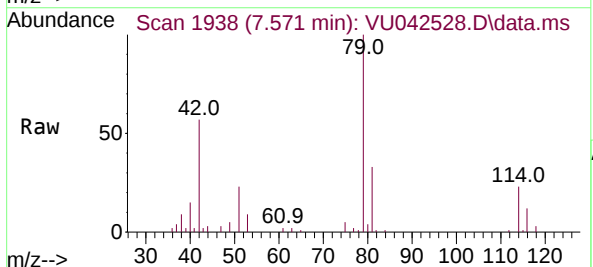
Instrument :
MSVOA_U
ClientSampled :

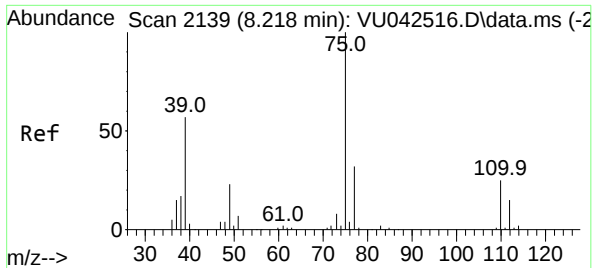
Tgt Ion: 63 Resp: 4044
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Tgt Ion: 75 Resp: 1128
Ion Ratio Lower Upper
75 100
77 40.8 22.0 40.8

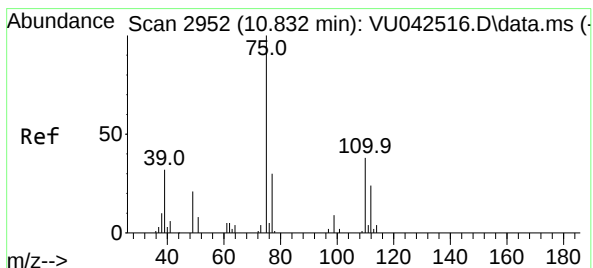
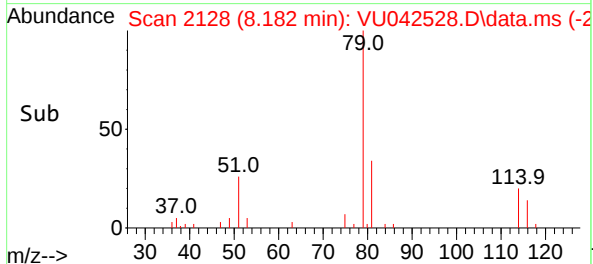
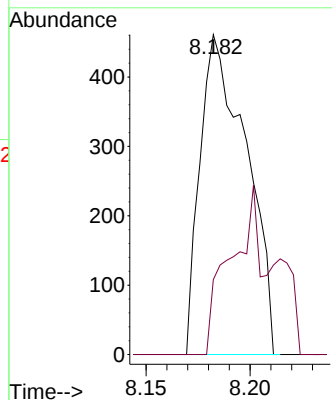
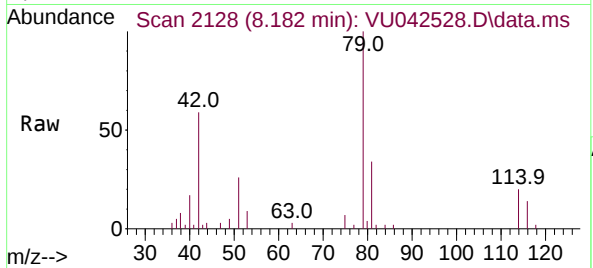




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 711
Ion Ratio Lower Upper
75 100
77 23.4 21.8 40.4



#59
1,2,3-Trichloropropane
Concen: 0.19 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042528.D
Acq: 08 Mar 2021 14:53

Tgt Ion: 75 Resp: 1058
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

