

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045164.D
 Acq On : 05 Oct 2021 23:10
 Operator : SY/MD
 Sample : M4023-04 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Oct 06 04:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

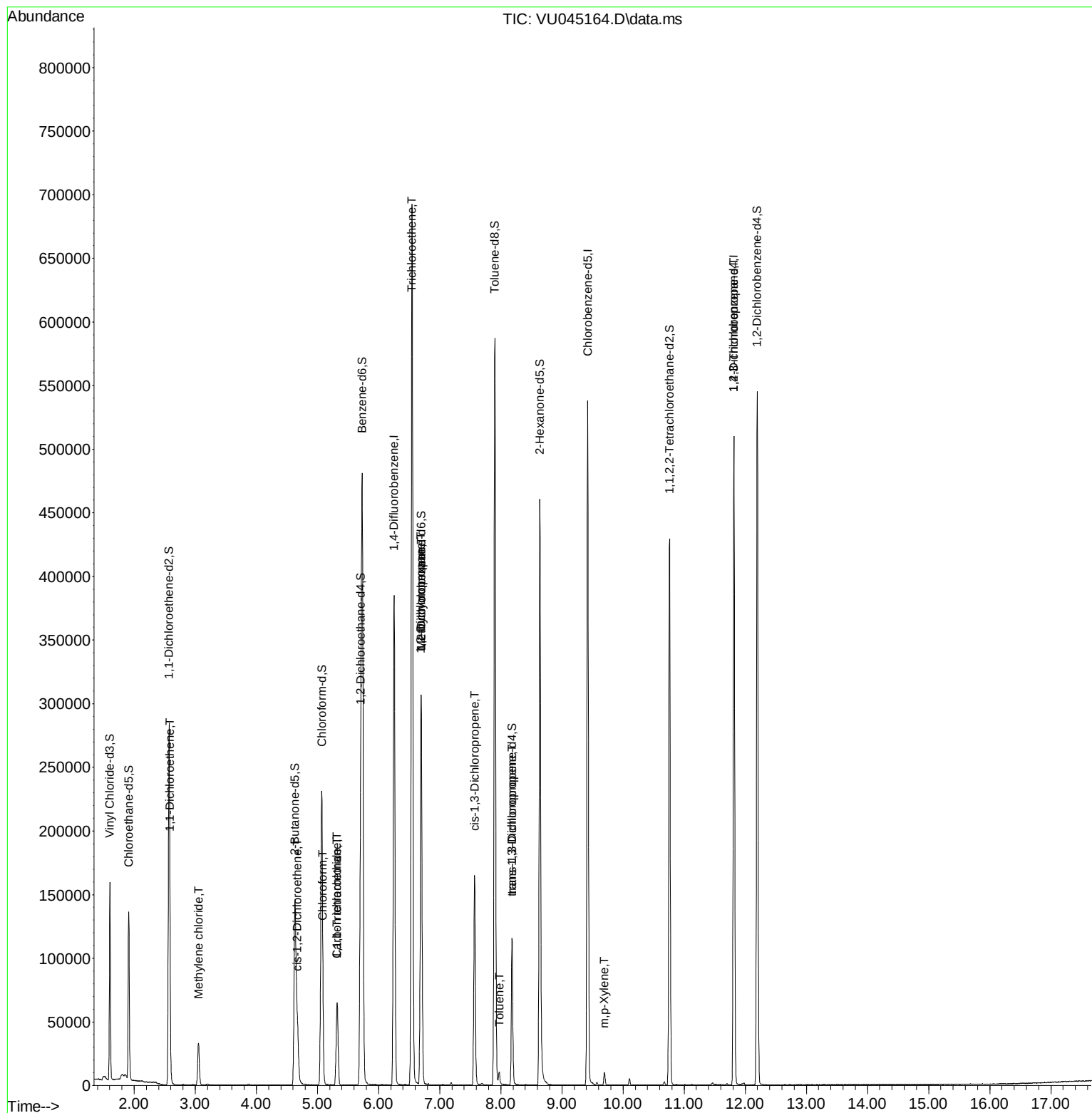
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300619	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	284394	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	127808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	109814	33.369	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	66.740%	
7) Chloroethane-d5	1.912	69	99657	38.215	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	76.420%	
11) 1,1-Dichloroethene-d2	2.571	63	165534	29.952	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	59.900%#	
21) 2-Butanone-d5	4.632	46	235542	90.534	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	90.530%	
24) Chloroform-d	5.070	84	209521	40.311	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	80.620%	
26) 1,2-Dichloroethane-d4	5.706	65	150856	42.849	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.700%	
32) Benzene-d6	5.732	84	432767	43.854	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.700%	
36) 1,2-Dichloropropane-d6	6.697	67	139612	43.388	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	86.780%	
41) Toluene-d8	7.902	98	376156	44.169	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	88.340%	
43) trans-1,3-Dichloroprop...	8.182	79	62797	43.873	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	87.740%	
47) 2-Hexanone-d5	8.639	63	163237	91.543	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	91.540%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207733	41.459	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	82.920%	
66) 1,2-Dichlorobenzene-d4	12.195	152	132437	47.614	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.220%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	14284	6.136	ug/L #	1
16) Methylene chloride	3.054	84	16174	5.484	ug/L	90
20) cis-1,2-Dichloroethene	4.671	96	16065	5.945	ug/L	95
25) Chloroform	5.089	83	2104	0.415	ug/L #	71
30) 1,1,1-Trichloroethane	5.321	97	45382	11.528	ug/L	99
31) Carbon tetrachloride	5.321	117	5505	1.770	ug/L	98
34) Trichloroethene	6.546	95	232525	91.779	ug/L	98
35) Methylcyclohexane	6.697	83	33140	7.813	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	15939	5.550	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3925	0.955	ug/L #	68
42) Toluene	7.973	91	6432	0.600	ug/L	100
44) trans-1,3-Dichloropropene	8.185	75	2816	0.721	ug/L	85
53) m,p-Xylene	9.693	106	2942	0.686	ug/L	82
60) 1,2,3-Trichloropropane	11.815	75	16430	4.648	ug/L #	66

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

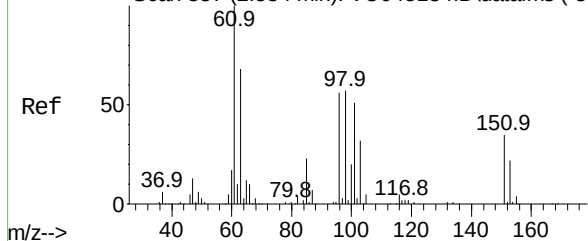
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
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QLast Update : Wed Oct 06 01:40:56 2021
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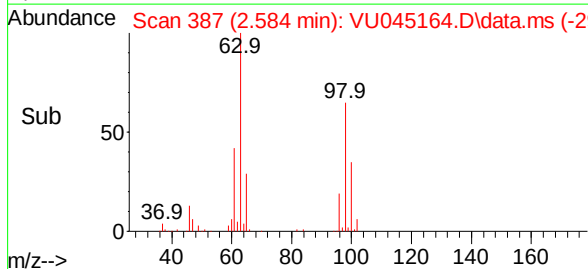
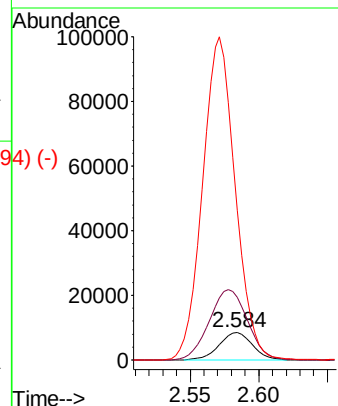
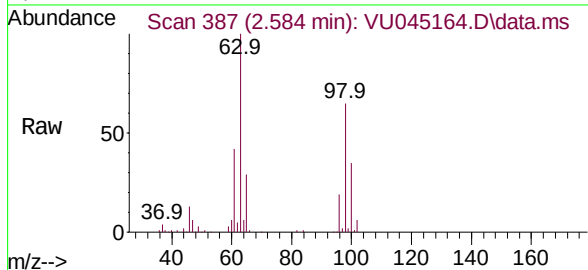
Abundance Scan 387 (2.584 min): VU045134.D\data.ms (-374) #12



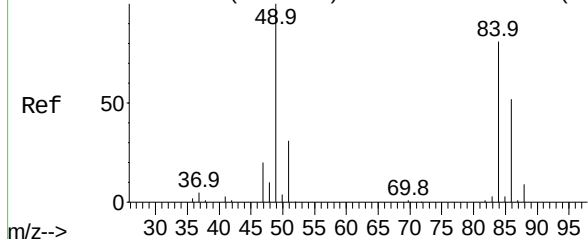
1,1-Dichloroethene
Concen: 6.136 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

Tgt Ion:	96	Resp:	14284
Ion	Ratio	Lower	Upper
96	100		
61	225.2	131.3	243.9
63	539.8	102.5	190.3#

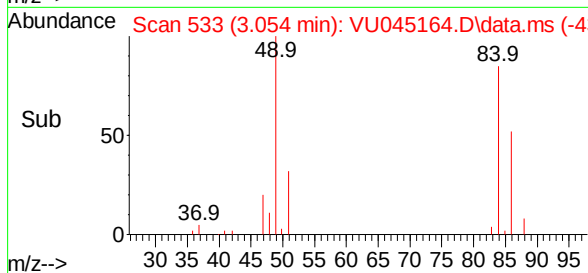
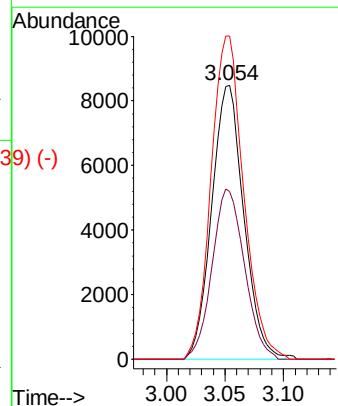
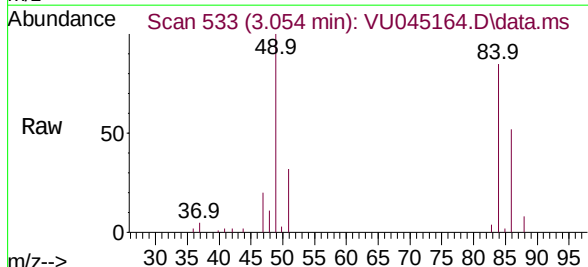


Abundance Scan 532 (3.051 min): VU045134.D\data.ms (-518) #16

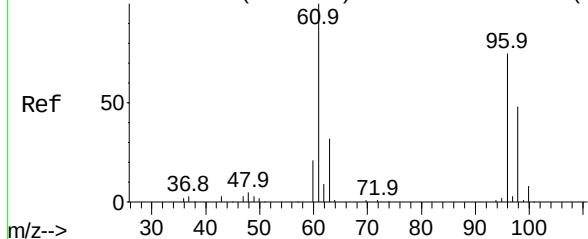


Methylene chloride
Concen: 5.484 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion:	84	Resp:	16174
Ion	Ratio	Lower	Upper
84	100		
86	61.1	44.7	83.1
49	117.9	92.9	172.5



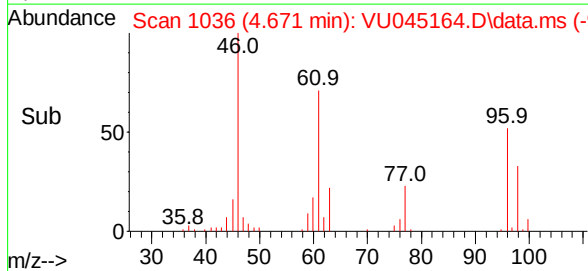
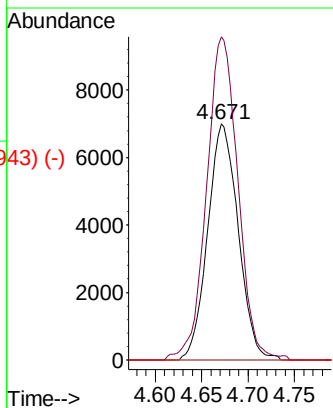
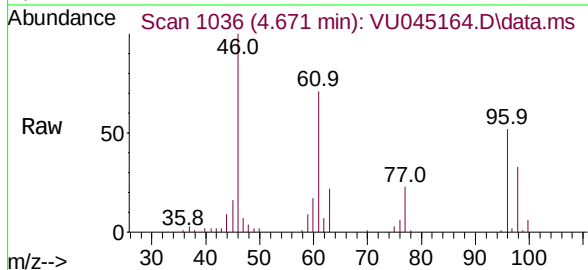
Abundance Scan 1036 (4.671 min): VU045134.D\data.ms (-1020)



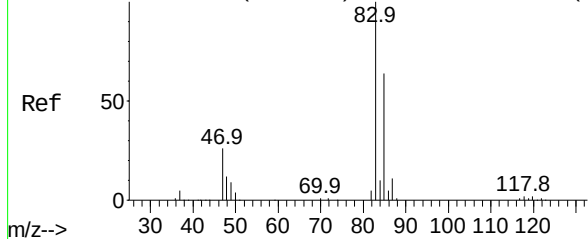
cis-1,2-Dichloroethene
Concen: 5.945 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

Tgt Ion:	96	Resp:	16065
Ion	Ratio	Lower	Upper
96	100		
61	136.8	100.2	186.0
68	0.0	0.0	0.0

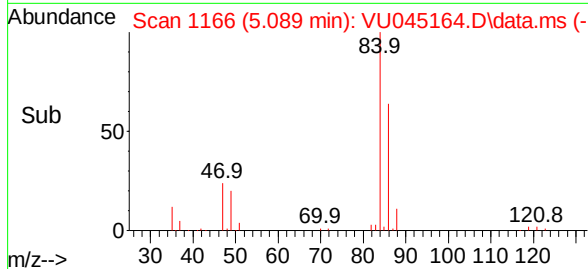
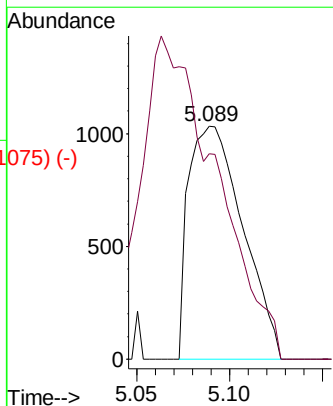
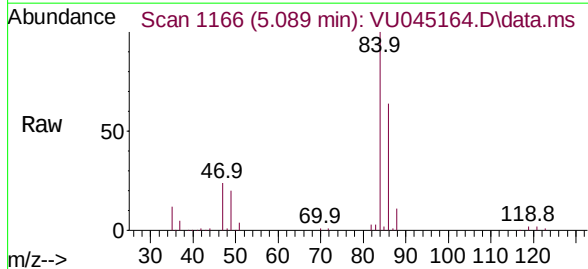


Abundance Scan 1168 (5.096 min): VU045134.D\data.ms (-1125)

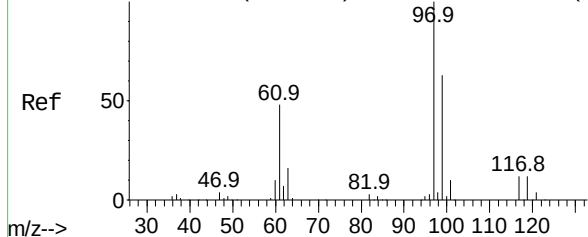


Chloroform
Concen: 0.415 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.007 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion:	83	Resp:	2104
Ion	Ratio	Lower	Upper
83	100		
85	88.2	45.6	84.6#



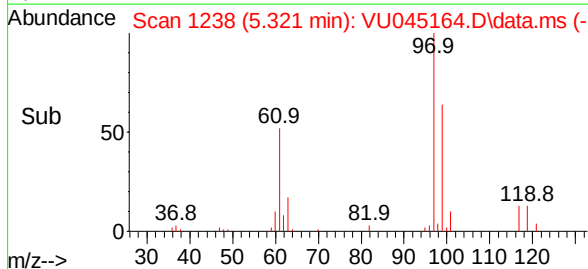
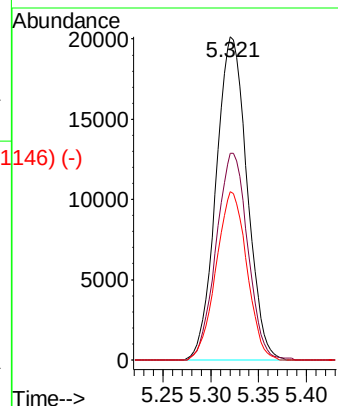
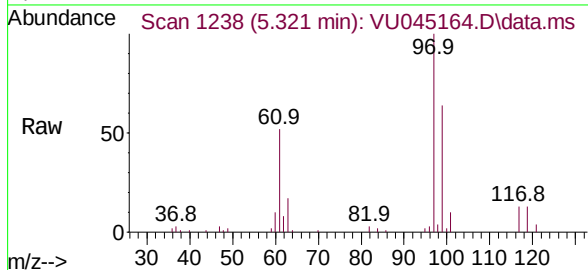
Abundance Scan 1239 (5.324 min): VU045134.D\data.ms (-1239) (-)



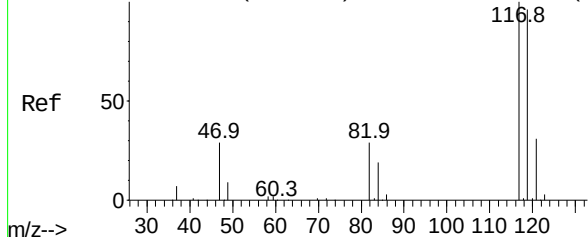
1,1,1-Trichloroethane
Concen: 11.528 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.6	75.8
61	51.5	41.3	61.9

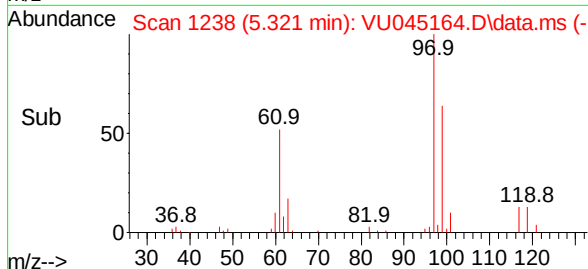
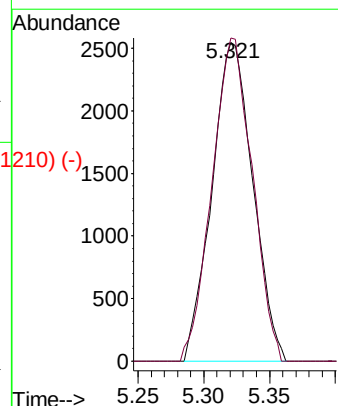
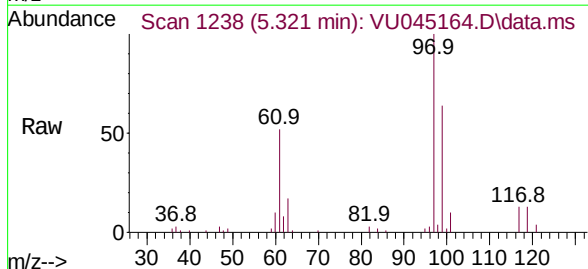


Abundance Scan 1303 (5.530 min): VU045134.D\data.ms (-1239) (-)

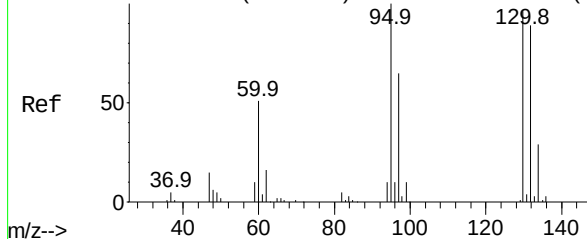


Carbon tetrachloride
Concen: 1.770 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.209 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.7	116.5



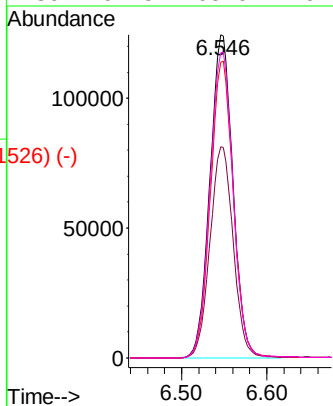
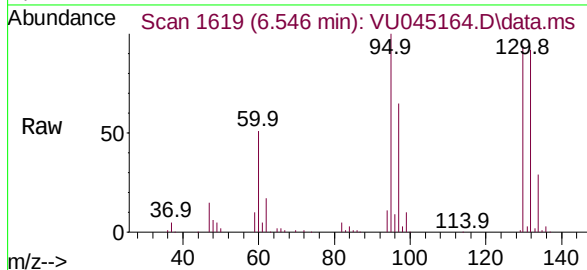
Abundance Scan 1619 (6.546 min): VU045134.D\data.ms (-16034-)



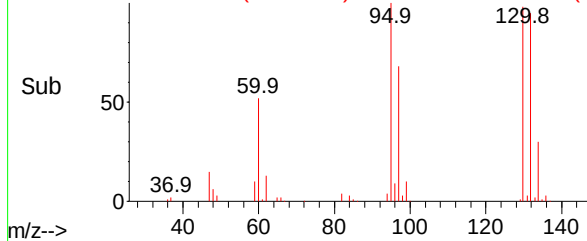
Trichloroethene
Concen: 91.779 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

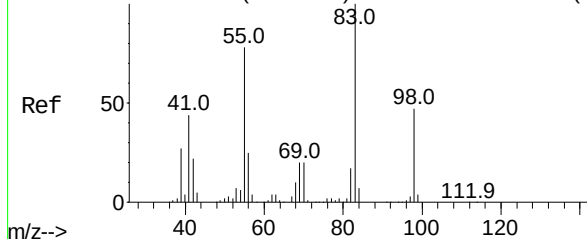
Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.4	82.4
132	91.5	62.9	116.9
130	94.5	65.0	120.8



Abundance Scan 1619 (6.546 min): VU045164.D\data.ms (-1526-)

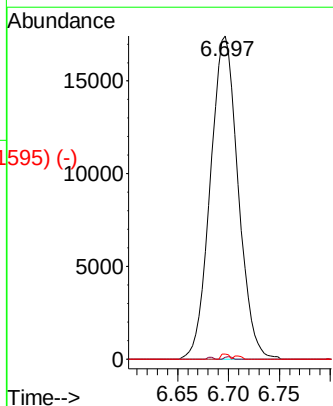
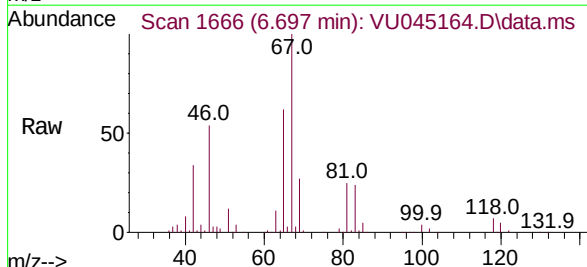


Abundance Scan 1688 (6.768 min): VU045134.D\data.ms (-16735-)

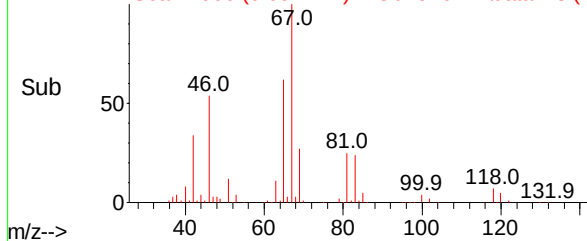


Methylcyclohexane
Concen: 7.813 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

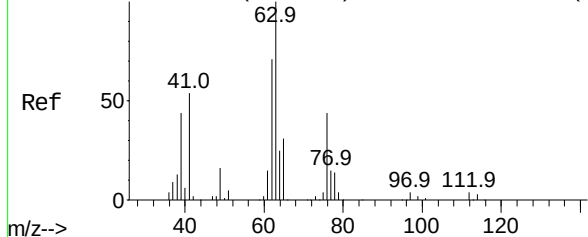
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	65.8	98.6#
98	0.5	37.1	55.7#



Abundance Scan 1666 (6.697 min): VU045164.D\data.ms (-1595-)



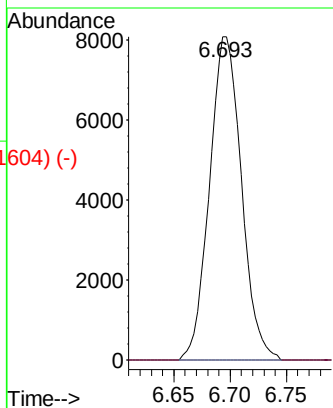
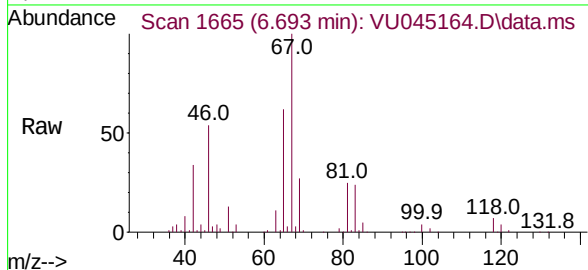
Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-1607-)



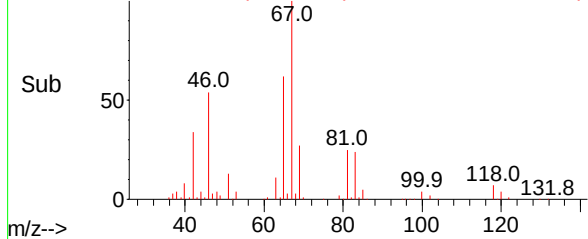
1,2-Dichloropropane
Concen: 5.550 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

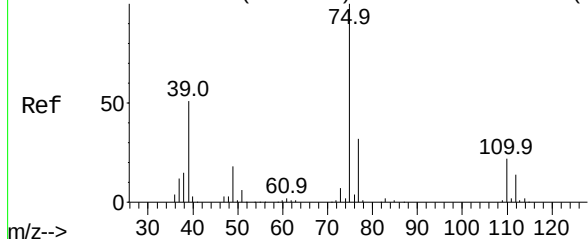
Tgt Ion: 63 Resp: 15939
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Scan 1665 (6.693 min): VU045164.D\data.ms (-1604-)

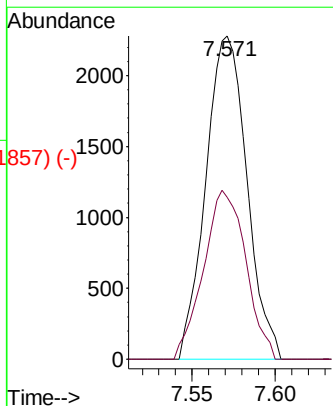
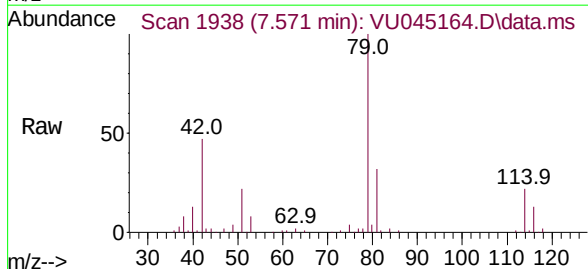


Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928-)

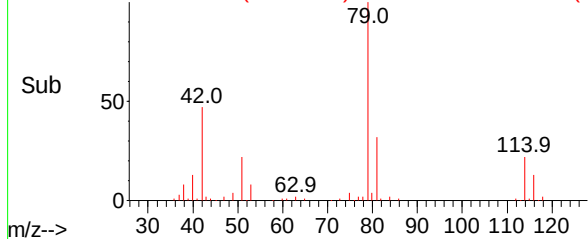


cis-1,3-Dichloropropene
Concen: 0.955 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

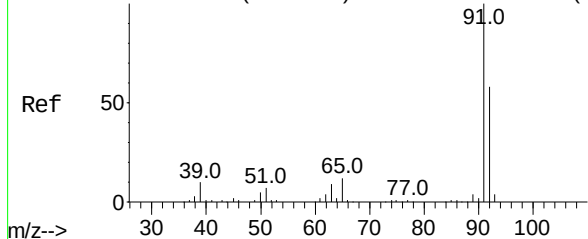
Tgt Ion: 75 Resp: 3925
Ion Ratio Lower Upper
75 100
77 50.0 22.4 41.6#



Abundance Scan 1938 (7.571 min): VU045164.D\data.ms (-1857-)



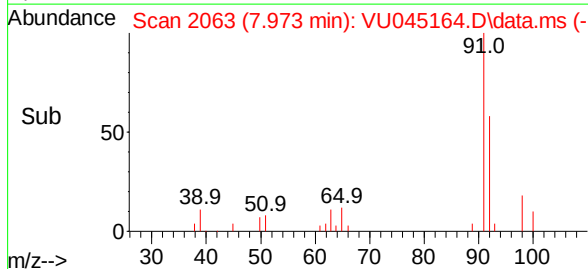
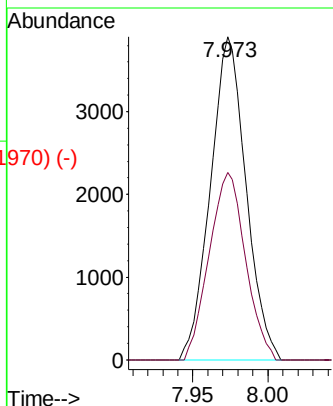
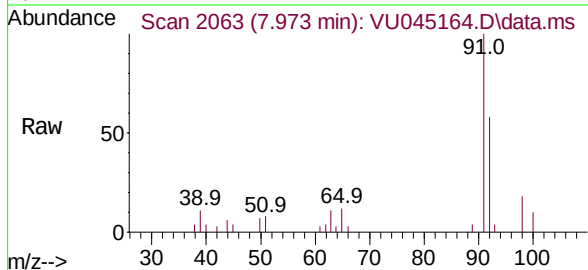
Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-20492-)



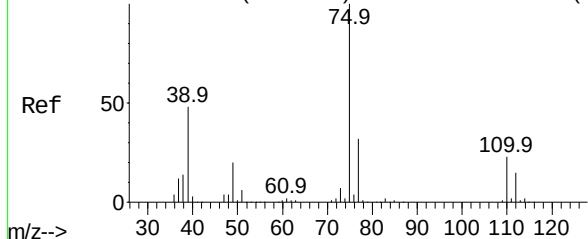
Toluene
Concen: 0.600 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

Tgt Ion: 91 Resp: 6432
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.1

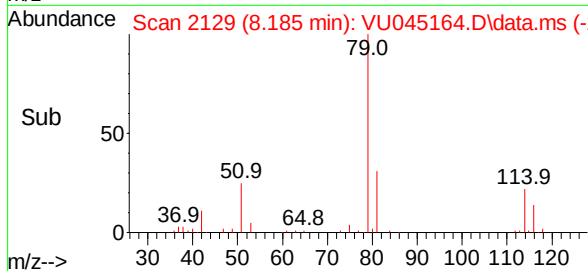
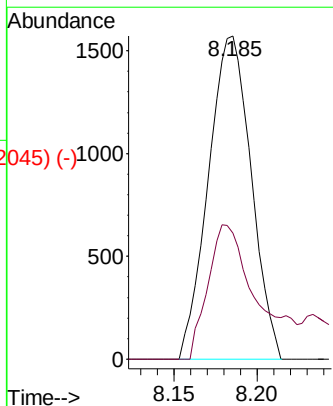
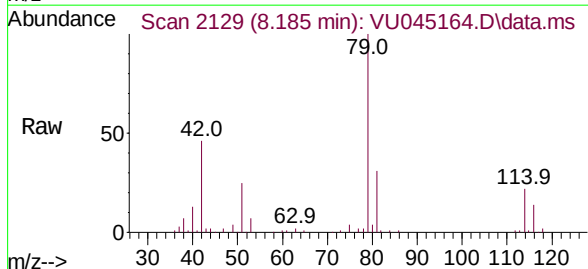


Abundance Scan 2129 (8.185 min): VU045134.D\data.ms (-21194-)

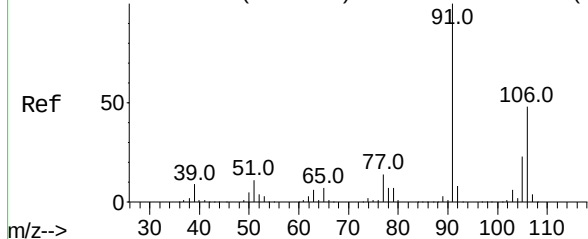


trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion: 75 Resp: 2816
Ion Ratio Lower Upper
75 100
77 39.1 21.7 40.3



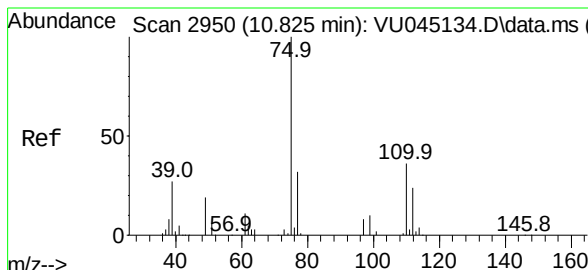
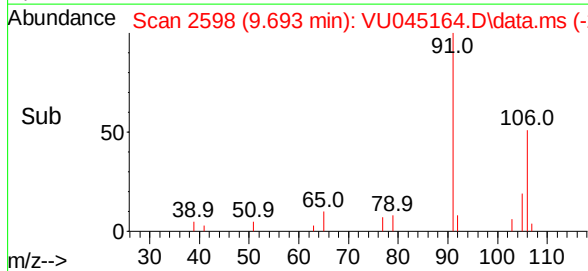
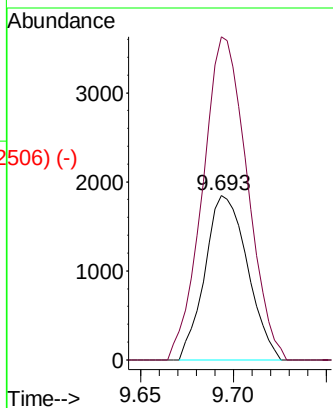
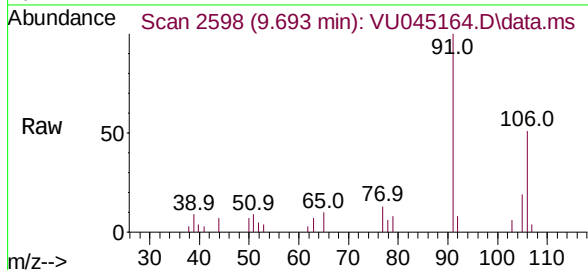
Abundance Scan 2599 (9.697 min): VU045134.D\data.ms (-2506) (-)



m,p-Xylene
Concen: 0.686 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Instrument :
MSVOA_U
ClientSampled :
C0AH9

Tgt Ion:106 Resp: 2942
Ion Ratio Lower Upper
106 100
91 181.4 146.7 272.4



1,2,3-Trichloropropane
Concen: 4.648 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045164.D
Acq: 05 Oct 2021 23:10

Tgt Ion: 75 Resp: 16430
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3
110 0.8 29.0 43.4#

