

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045171.D
 Acq On : 06 Oct 2021 01:53
 Operator : SY/MD
 Sample : M3996-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A37

Quant Time: Oct 06 04:40:30 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)

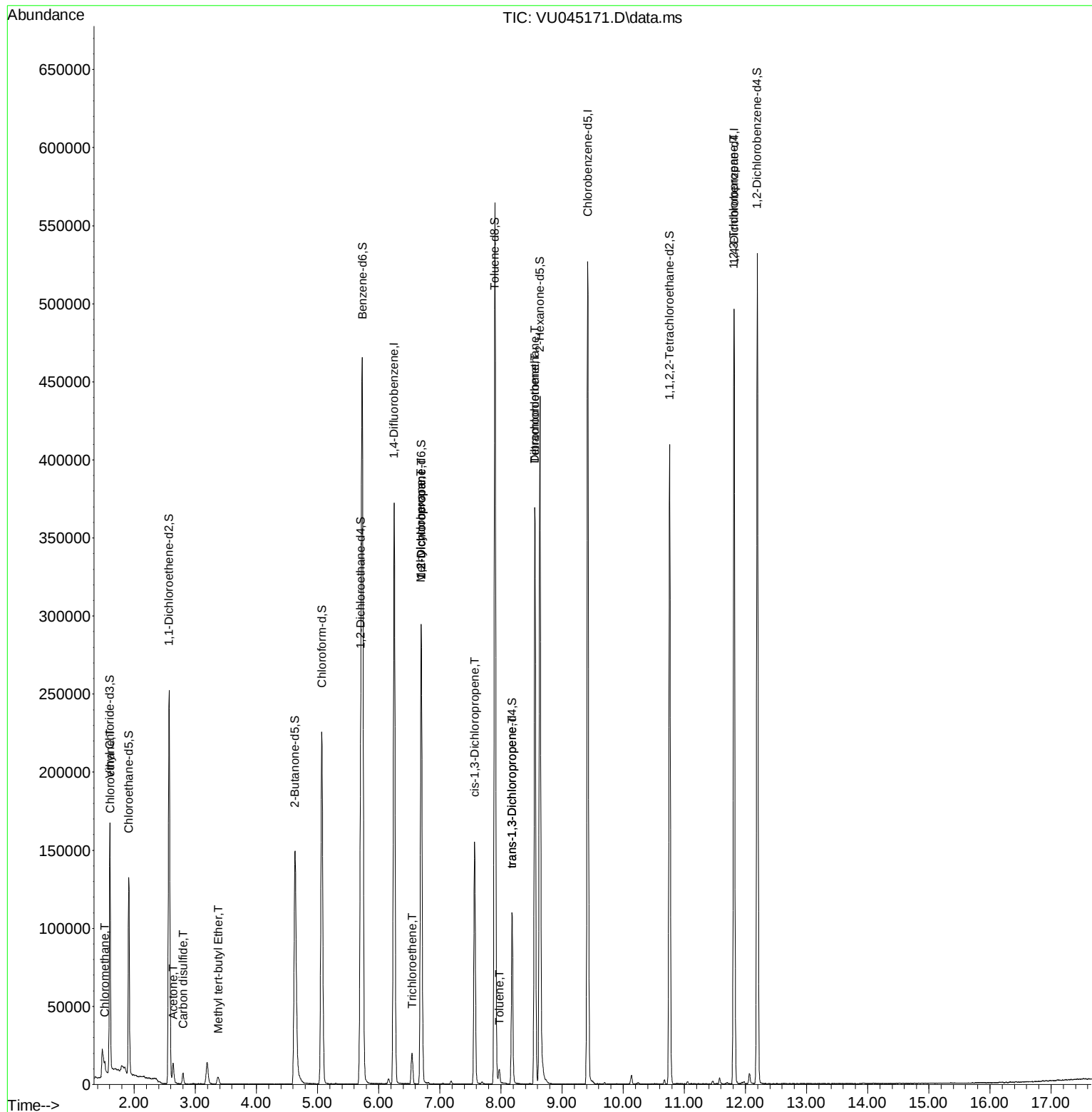
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	293879	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	123927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	102232	31.778	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	63.560%	
7) Chloroethane-d5	1.913	69	94763	37.171	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	74.340%	
11) 1,1-Dichloroethene-d2	2.572	63	150865	27.924	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	55.840%#	
21) 2-Butanone-d5	4.629	46	222549	87.502	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	87.500%	
24) Chloroform-d	5.070	84	203844	40.118	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	80.240%	
26) 1,2-Dichloroethane-d4	5.707	65	145098	42.158	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	84.320%	
32) Benzene-d6	5.732	84	415395	43.450	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	86.900%	
36) 1,2-Dichloropropane-d6	6.697	67	133988	42.983	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	85.960%	
41) Toluene-d8	7.903	98	359259	43.545	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.080%	
43) trans-1,3-Dichloroprop...	8.182	79	58835	42.430	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	84.860%	
47) 2-Hexanone-d5	8.639	63	154820	89.621	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	89.620%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203009	41.822	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	83.640%	
66) 1,2-Dichlorobenzene-d4	12.195	152	128255	47.555	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.100%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3106	0.886	ug/L	100
8) Chloroethane	1.607	64	2901	1.345	ug/L	93
13) Acetone	2.639	43	16126	5.485	ug/L	99
14) Carbon disulfide	2.800	76	8260	1.133	ug/L	99
18) Methyl tert-butyl Ether	3.375	73	4817	0.609	ug/L	99
34) Trichloroethene	6.546	95	6122	2.494	ug/L	96
35) Methylcyclohexane	6.694	83	31461	7.656	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	15130	5.438	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3868	0.972	ug/L #	67
42) Toluene	7.973	91	6189	0.596	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2532	0.669	ug/L #	78
46) Tetrachloroethene	8.555	164	76293	43.488	ug/L	97
49) Dibromochloromethane	8.555	129	74177	29.746	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	16884	4.926	ug/L #	68

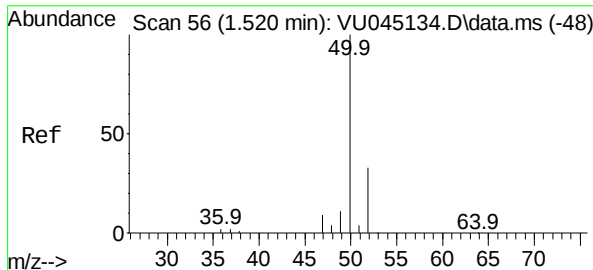
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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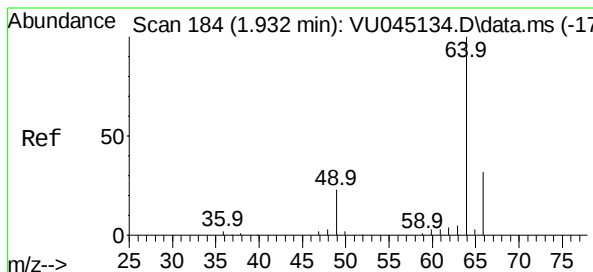
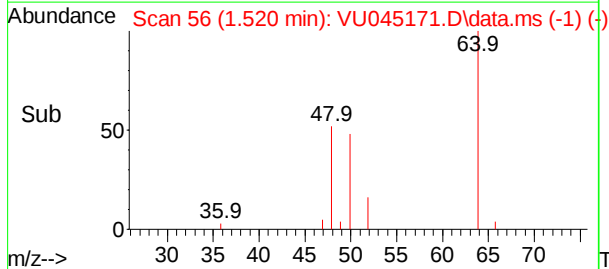
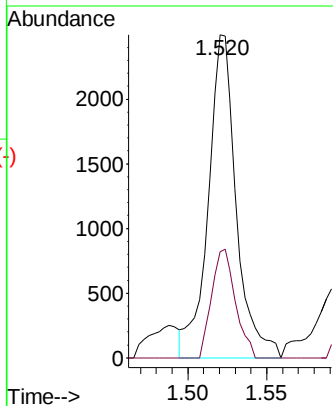
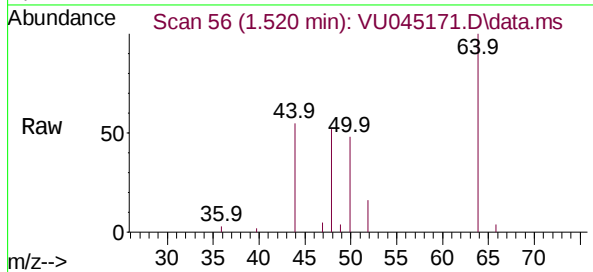




Chloromethane
Concen: 0.886 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

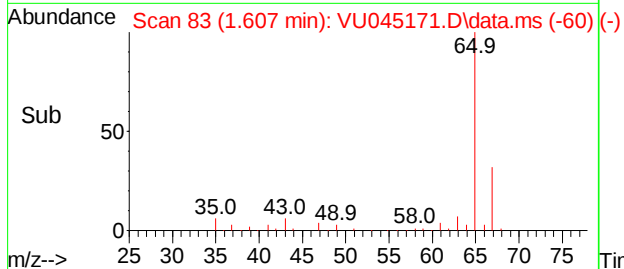
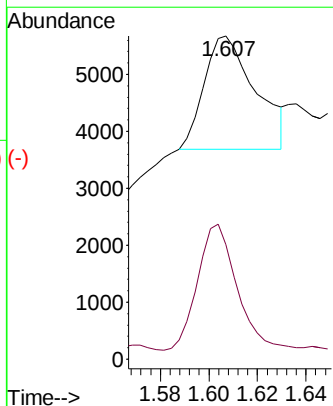
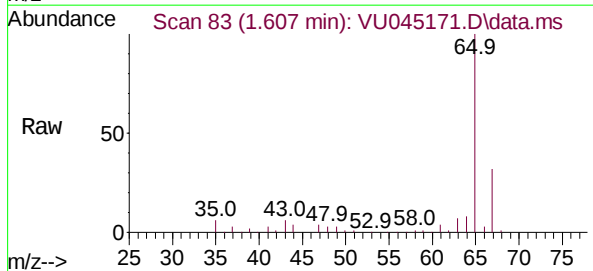
Instrument :
MSVOA_U
ClientSampleId :
F4A37

Tgt Ion: 50 Resp: 3106
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

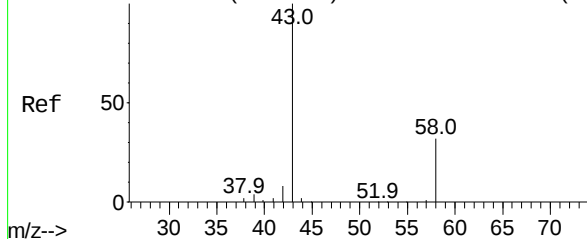


Chloroethane
Concen: 1.345 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.325 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion: 64 Resp: 2901
Ion Ratio Lower Upper
64 100
66 35.5 22.3 41.3



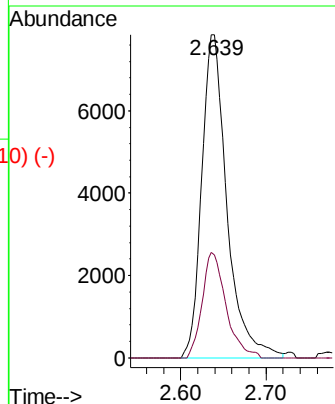
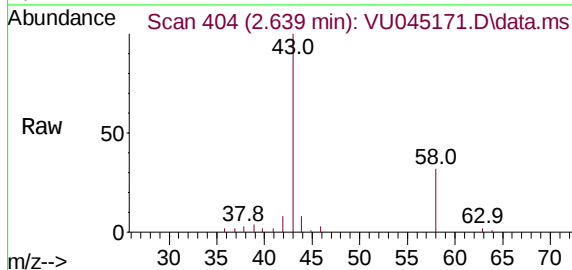
Abundance Scan 403 (2.636 min): VU045134.D\data.ms (-390) #13



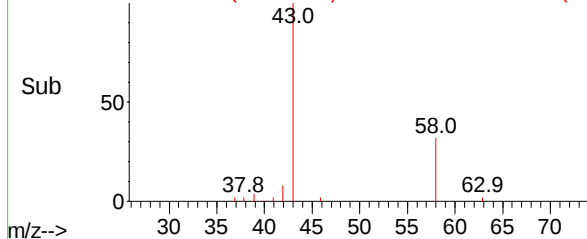
Acetone
Concen: 5.485 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Instrument :
MSVOA_U
ClientSampled :
F4A37

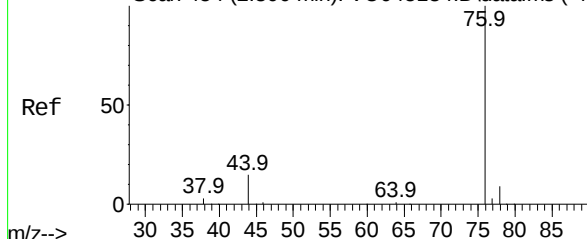
Tgt Ion: 43 Resp: 16126
Ion Ratio Lower Upper
43 100
58 30.8 0.0 62.8



Abundance Scan 404 (2.639 min): VU045171.D\data.ms (-310) (-)

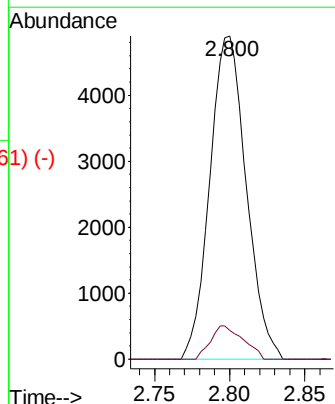
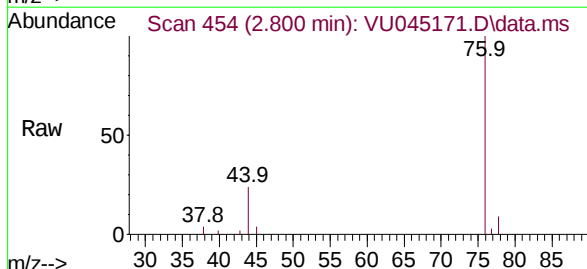


Abundance Scan 454 (2.800 min): VU045134.D\data.ms (-440) #14

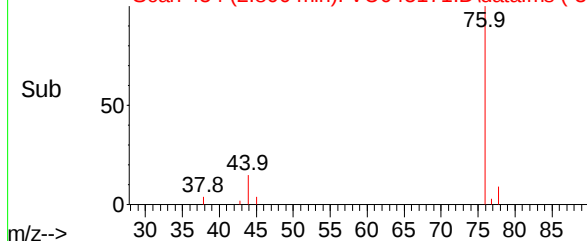


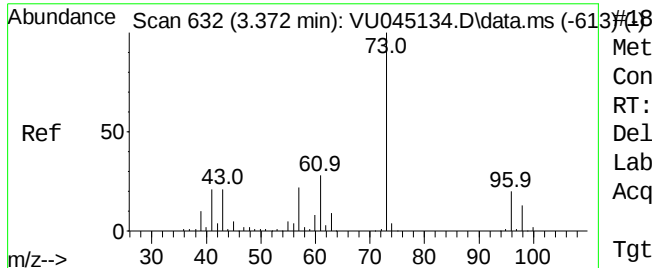
Carbon disulfide
Concen: 1.133 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion: 76 Resp: 8260
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



Abundance Scan 454 (2.800 min): VU045171.D\data.ms (-361) (-)

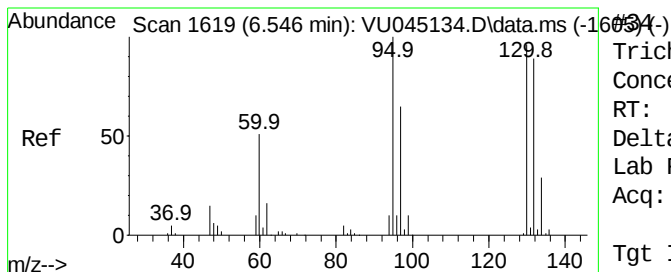
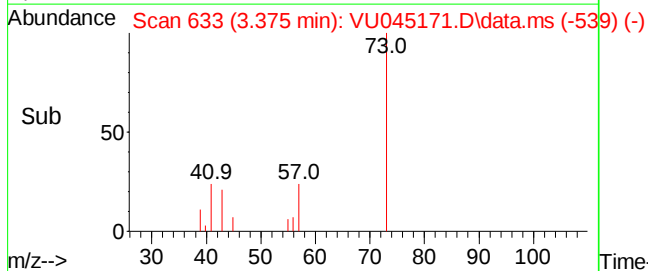
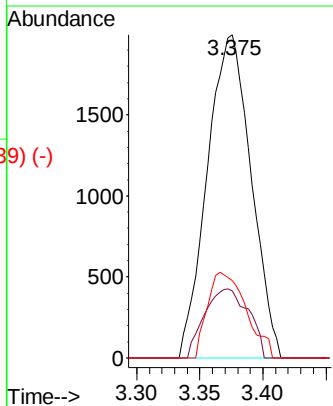
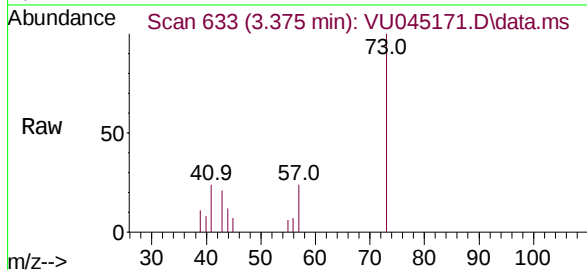




Methyl tert-butyl Ether
Concen: 0.609 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

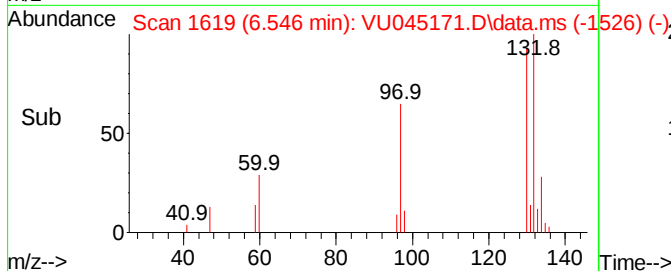
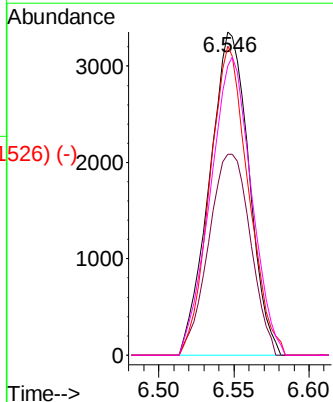
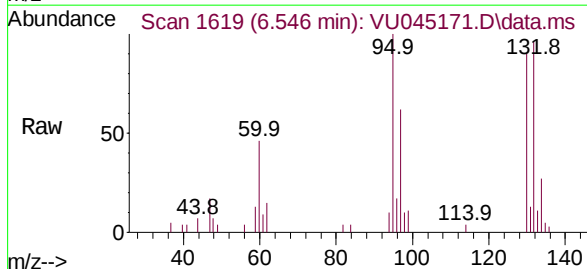
Instrument :
MSVOA_U
ClientSampled :
F4A37

Tgt Ion:	73	Resp:	4817
Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.3	25.9
57	22.3	18.7	28.1

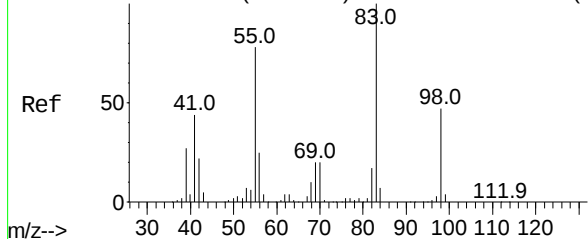


Trichloroethene
Concen: 2.494 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion:	95	Resp:	6122
Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.4	82.4
132	95.7	62.9	116.9
130	89.5	65.0	120.8



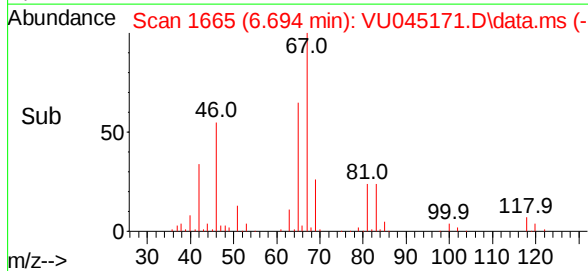
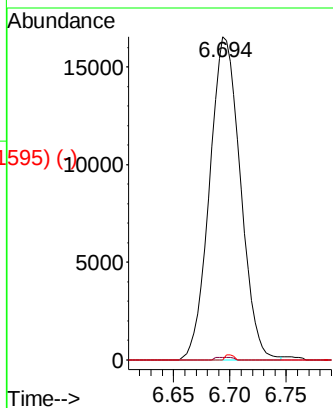
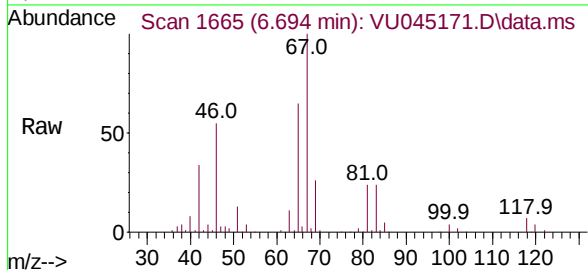
Abundance Scan 1688 (6.768 min): VU045134.D\data.ms (-16735)



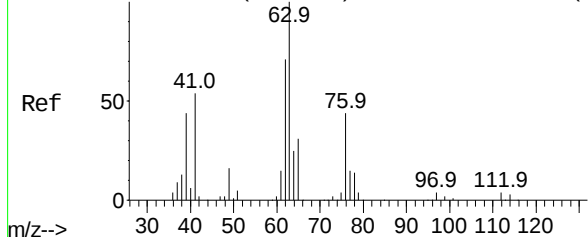
Methylcyclohexane
Concen: 7.656 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Instrument :
MSVOA_U
ClientSampled :
F4A37

Tgt Ion:	83	Resp:	31461
Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.6#
98	0.4	37.1	55.7#

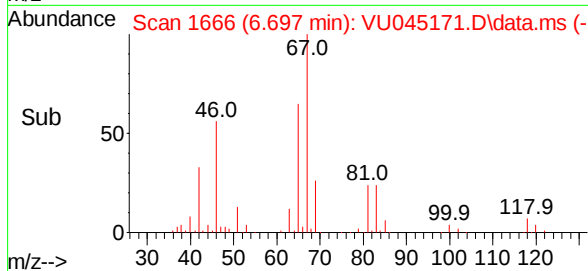
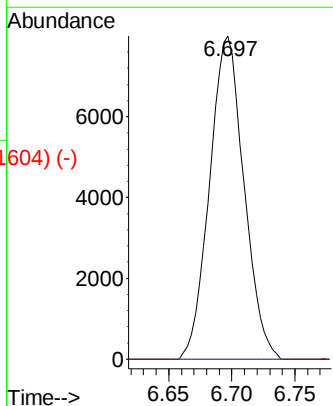
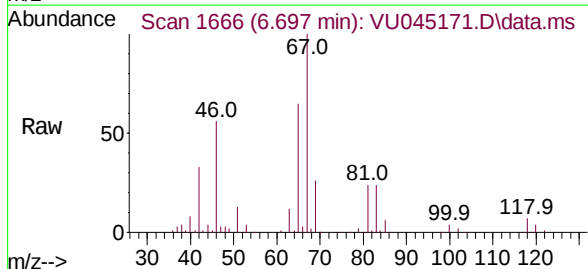


Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-16607)

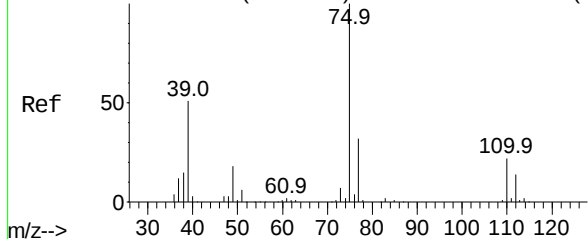


1,2-Dichloropropane
Concen: 5.438 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion:	63	Resp:	15130
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



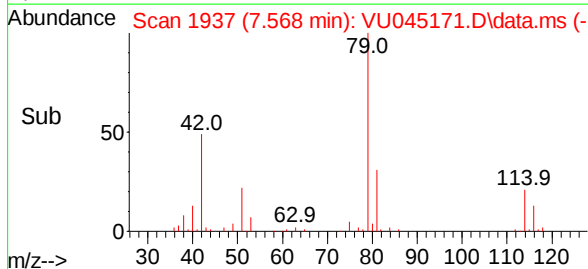
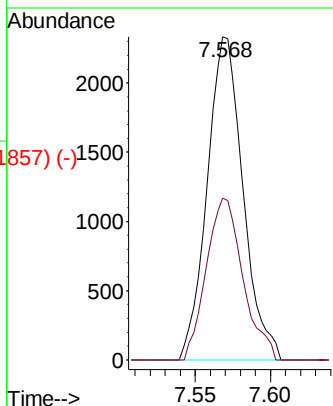
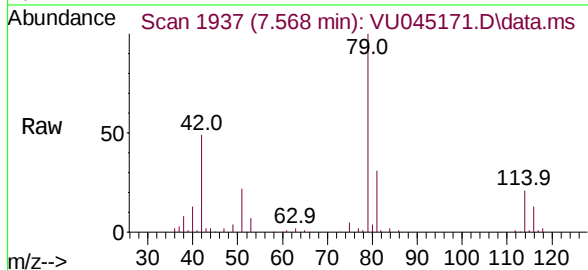
Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928) (-)



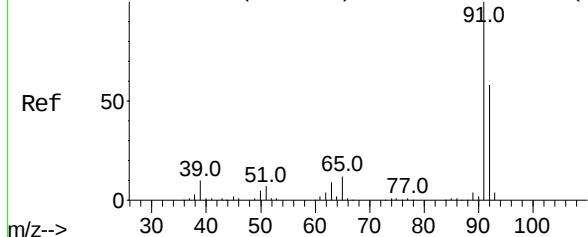
cis-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Instrument :
MSVOA_U
ClientSampled :
F4A37

Tgt Ion: 75 Resp: 3868
Ion Ratio Lower Upper
75 100
77 50.1 22.4 41.6#

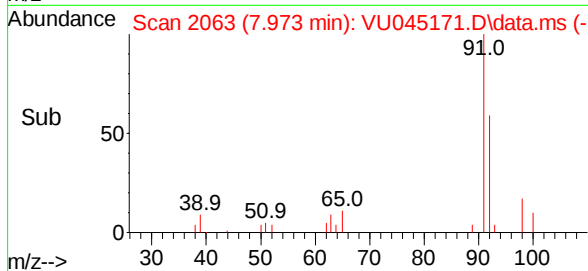
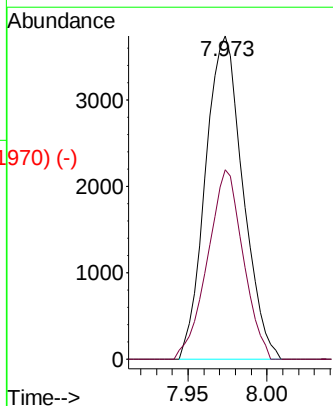
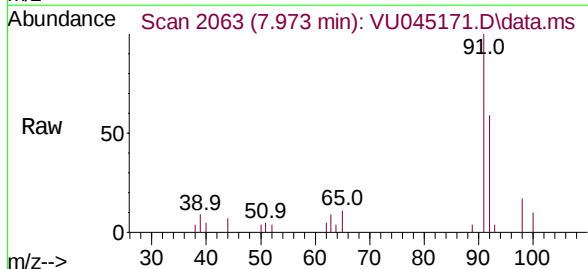


Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-2042) (-)

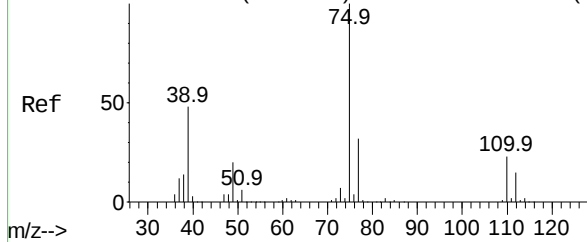


Toluene
Concen: 0.596 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion: 91 Resp: 6189
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1



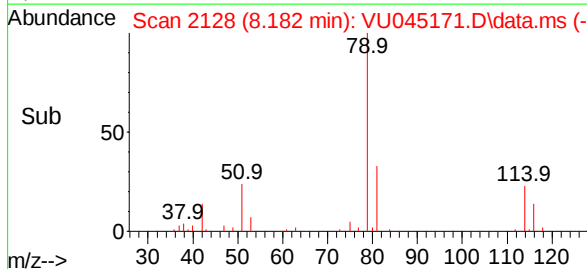
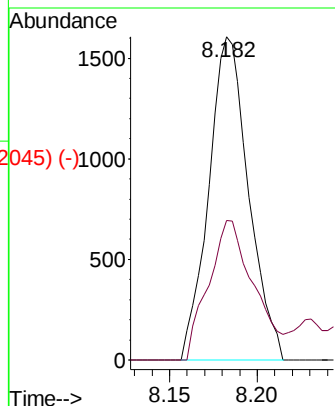
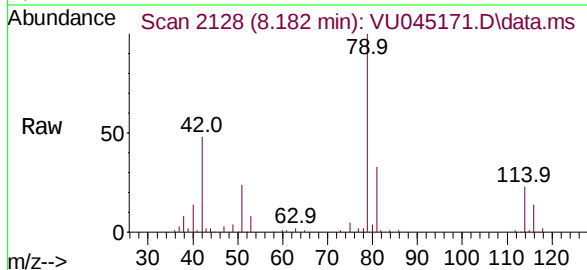
Abundance Scan 2138 (8.214 min): VU045134.D\data.ms (-21194-)



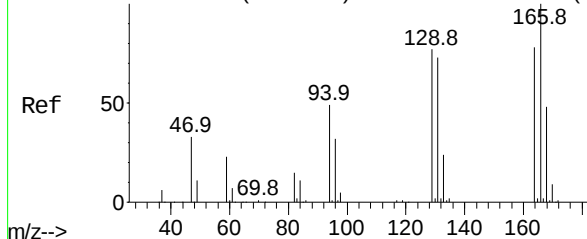
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Instrument :
MSVOA_U
ClientSampled :
F4A37

Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
77 43.2 21.7 40.3#

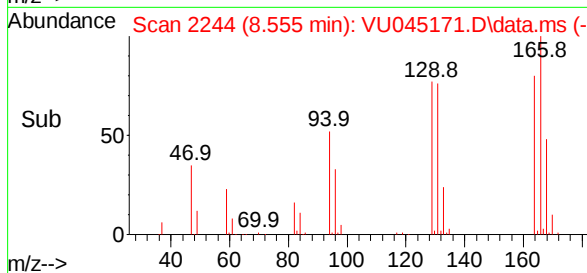
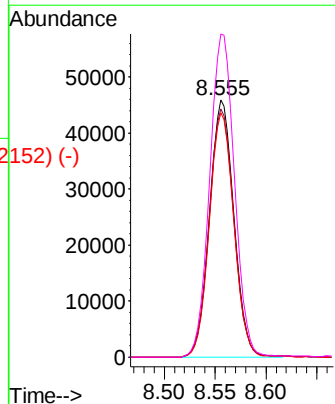
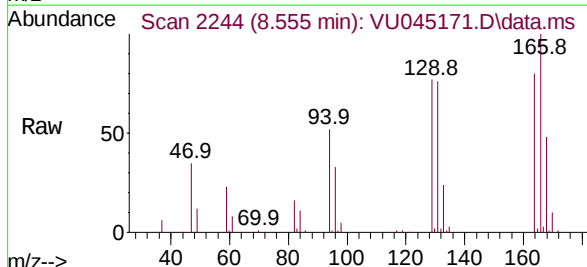


Abundance Scan 2245 (8.558 min): VU045134.D\data.ms (-22326-)

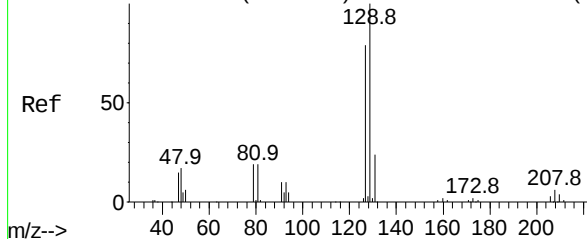


Tetrachloroethene
Concen: 43.488 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion: 164 Resp: 76293
Ion Ratio Lower Upper
164 100
129 96.5 69.8 129.6
131 95.0 66.4 123.2
166 125.6 91.1 169.3



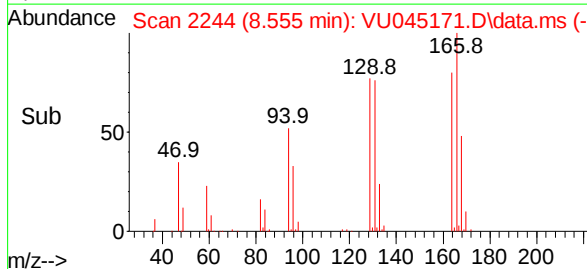
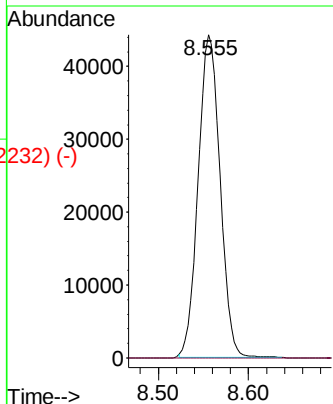
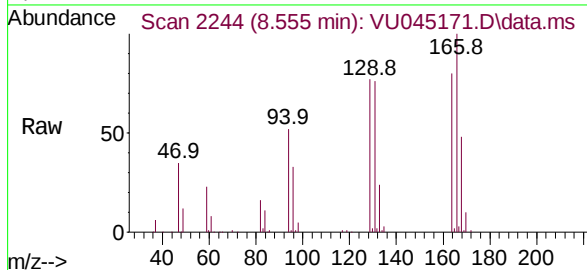
Abundance Scan 2325 (8.816 min): VU045134.D\data.ms (-2319) (-)



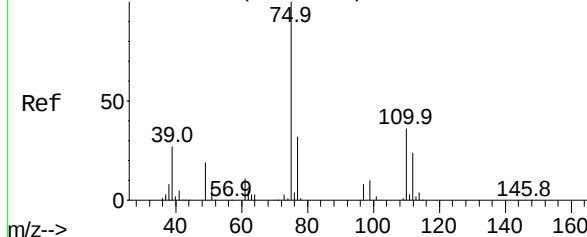
Dibromochloromethane
Concen: 29.746 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Instrument :
MSVOA_U
ClientSampled :
F4A37

Tgt Ion:129 Resp: 74177
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#



Abundance Scan 2950 (10.825 min): VU045134.D\data.ms (-2950) (-)



1,2,3-Trichloropropane
Concen: 4.926 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045171.D
Acq: 06 Oct 2021 01:53

Tgt Ion: 75 Resp: 16884
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
110 1.6 29.0 43.4#

