

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045165.D
 Acq On : 05 Oct 2021 23:33
 Operator : SY/MD
 Sample : M3996-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A17

Quant Time: Oct 06 04:39:13 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)

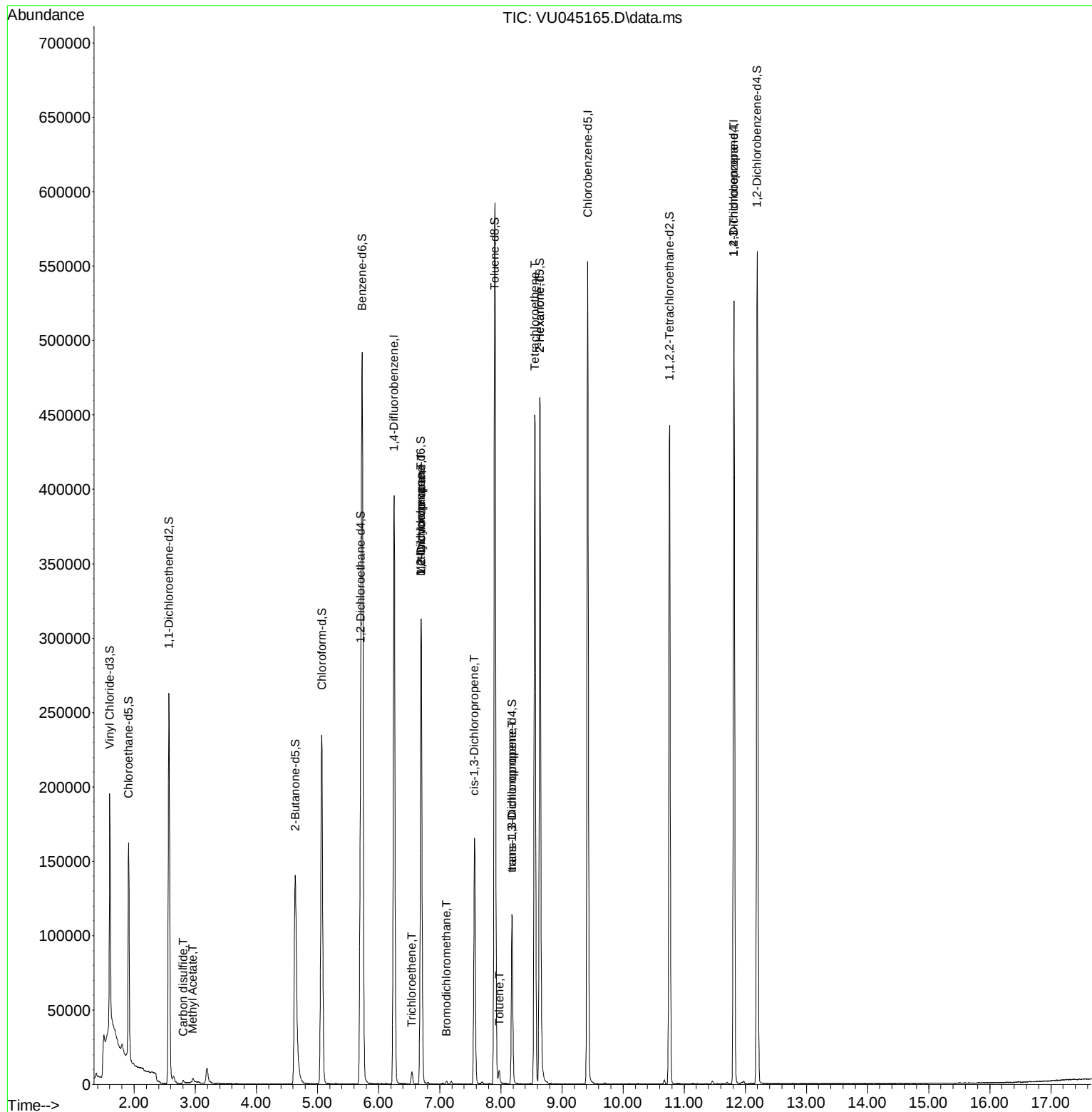
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	305209	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	288722	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	127229	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110931	33.201	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	66.400%	
7) Chloroethane-d5	1.909	69	104364	39.418	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	78.840%	
11) 1,1-Dichloroethene-d2	2.568	63	160969	28.688	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	57.380%#	
21) 2-Butanone-d5	4.636	46	238932	90.456	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	90.460%	
24) Chloroform-d	5.070	84	213497	40.458	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	80.920%	
26) 1,2-Dichloroethane-d4	5.706	65	152026	42.532	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.060%	
32) Benzene-d6	5.732	84	441862	44.104	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.693	67	141969	43.459	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	86.920%	
41) Toluene-d8	7.902	98	378157	43.739	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.480%	
43) trans-1,3-Dichloroprop...	8.182	79	62440	42.969	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.940%	
47) 2-Hexanone-d5	8.639	63	165214	91.262	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	91.260%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	217908	42.837	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	85.680%	
66) 1,2-Dichlorobenzene-d4	12.195	152	134807	48.687	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.380%	
Target Compounds						Qvalue
14) Carbon disulfide	2.803	76	3954	0.522	ug/L	99
15) Methyl Acetate	2.960	43	3950	1.049	ug/L	97
34) Trichloroethene	6.546	95	2624	1.020	ug/L	93
35) Methylcyclohexane	6.693	83	33540	7.789	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	15973	5.478	ug/L #	88
38) Bromodichloromethane	7.111	83	1588	0.444	ug/L #	91
39) cis-1,3-Dichloropropene	7.568	75	3905	0.936	ug/L #	55
42) Toluene	7.973	91	5987	0.550	ug/L	98
44) trans-1,3-Dichloropropene	8.185	75	2801	0.706	ug/L	84
46) Tetrachloroethene	8.555	164	91897	49.986	ug/L	99
48) 2-Hexanone	8.639	43	19730	4.568	ug/L #	69
60) 1,2,3-Trichloropropane	11.815	75	17305	4.918	ug/L #	69

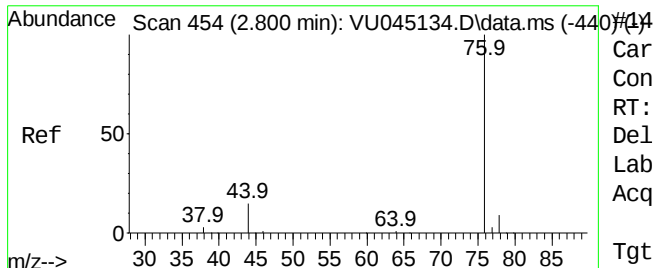
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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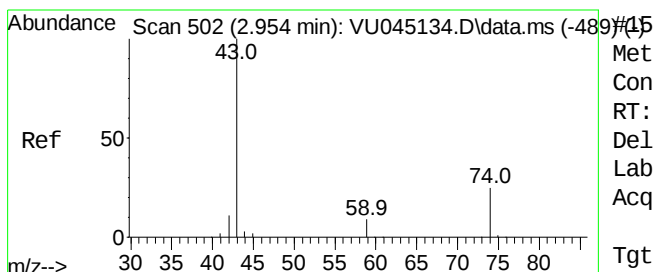
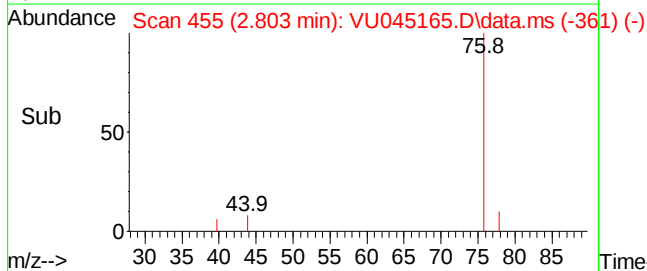
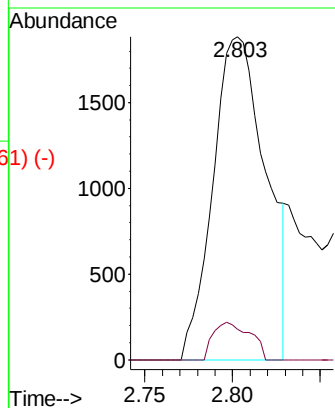
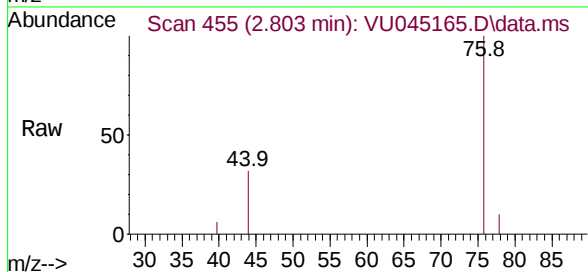




Carbon disulfide
 Concen: 0.522 ug/L
 RT: 2.803 min Scan# 455
 Delta R.T. 0.003 min
 Lab File: VU045165.D
 Acq: 05 Oct 2021 23:33

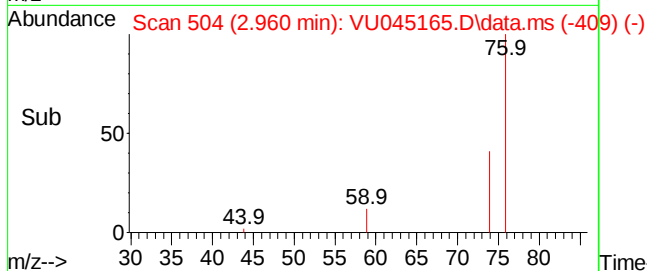
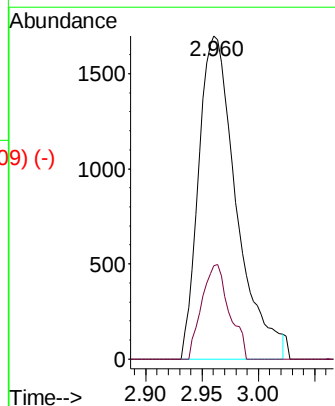
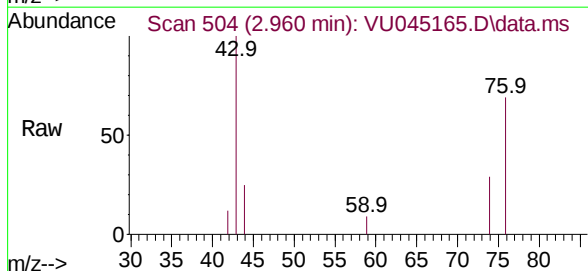
Instrument :
 MSVOA_U
 ClientSampled :
 F4A17

Tgt Ion: 76 Resp: 3954
 Ion Ratio Lower Upper
 76 100
 78 9.6 7.3 10.9

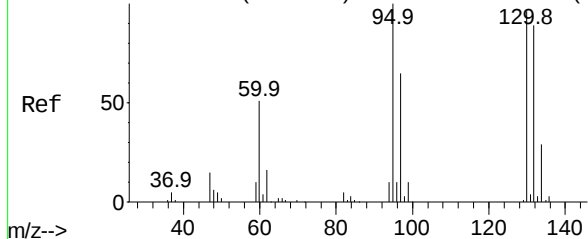


Methyl Acetate
 Concen: 1.049 ug/L
 RT: 2.960 min Scan# 504
 Delta R.T. 0.006 min
 Lab File: VU045165.D
 Acq: 05 Oct 2021 23:33

Tgt Ion: 43 Resp: 3950
 Ion Ratio Lower Upper
 43 100
 74 21.4 18.4 27.6



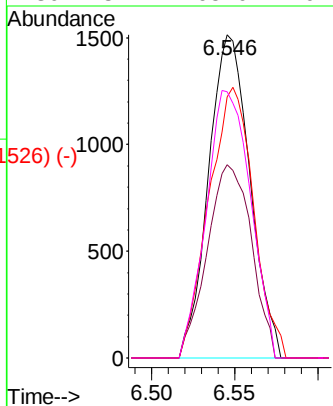
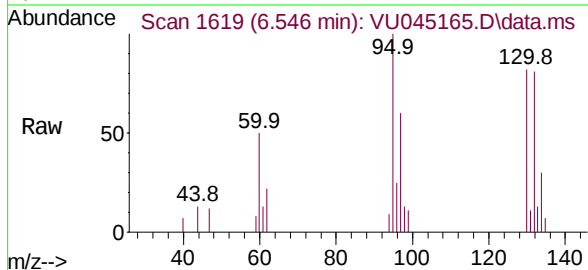
Abundance Scan 1619 (6.546 min): VU045134.D\data.ms (-16034-)



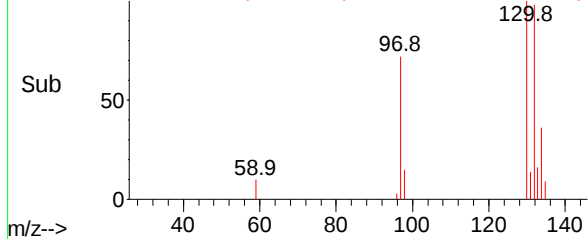
Trichloroethene
Concen: 1.020 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Instrument :
MSVOA_U
ClientSampled :
F4A17

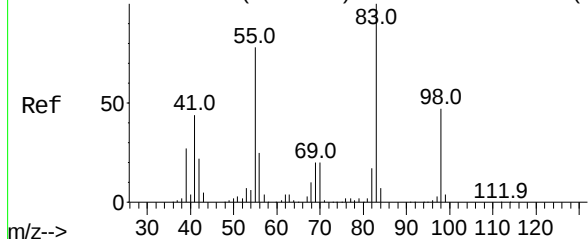
Tgt Ion:	95	Resp:	2624
Ion	Ratio	Lower	Upper
95	100		
97	59.7	44.4	82.4
132	93.9	62.9	116.9
130	82.4	65.0	120.8



Abundance Scan 1619 (6.546 min): VU045165.D\data.ms (-1526-)

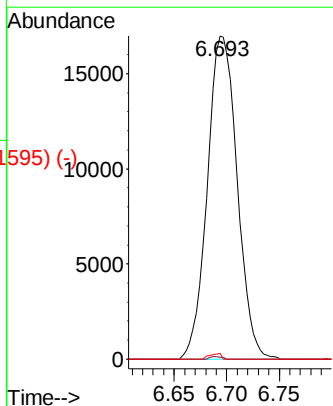
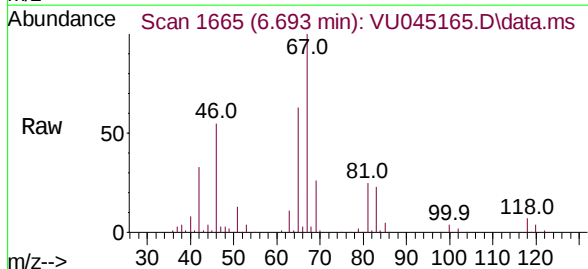


Abundance Scan 1688 (6.768 min): VU045134.D\data.ms (-16735-)

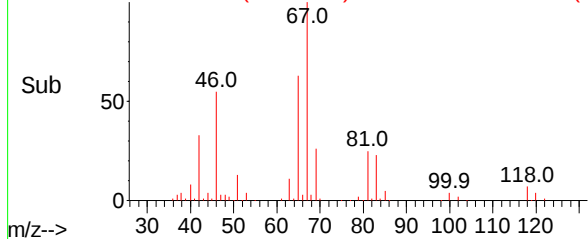


Methylcyclohexane
Concen: 7.789 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

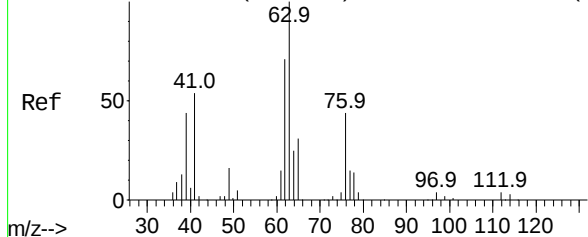
Tgt Ion:	83	Resp:	33540
Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.8	98.6#
98	0.7	37.1	55.7#



Abundance Scan 1665 (6.693 min): VU045165.D\data.ms (-1595-)



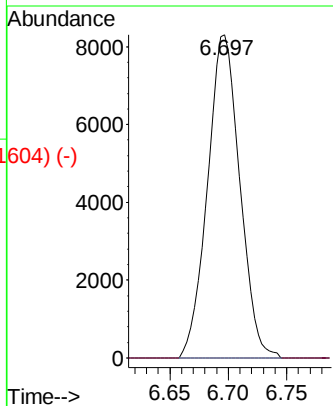
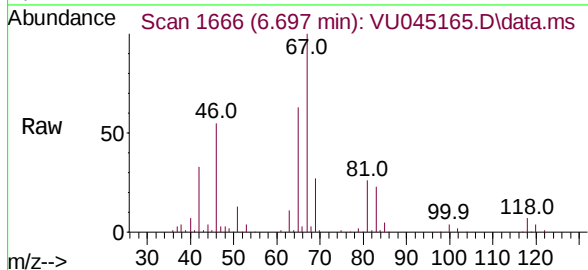
Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-16607-)



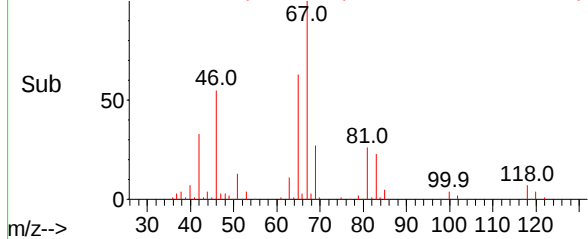
1,2-Dichloropropane
Concen: 5.478 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Instrument :
MSVOA_U
ClientSampled :
F4A17

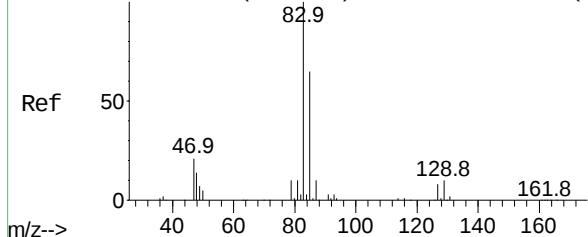
Tgt Ion: 63 Resp: 15973
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Scan 1666 (6.697 min): VU045165.D\data.ms (-1604) (-)

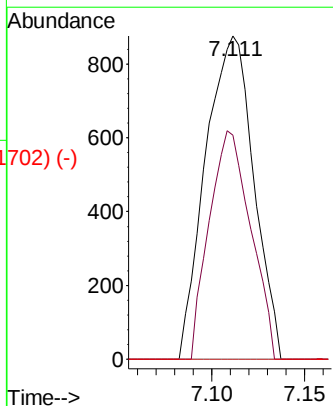
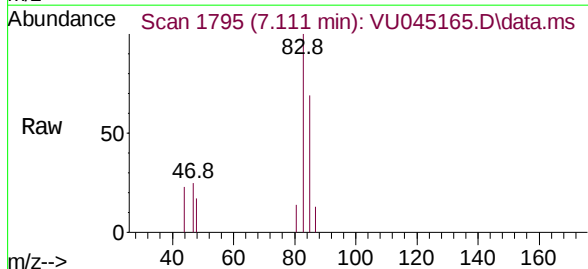


Abundance Scan 1795 (7.112 min): VU045134.D\data.ms (-17798-)

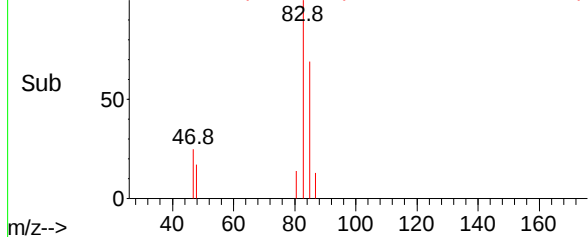


Bromodichloromethane
Concen: 0.444 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

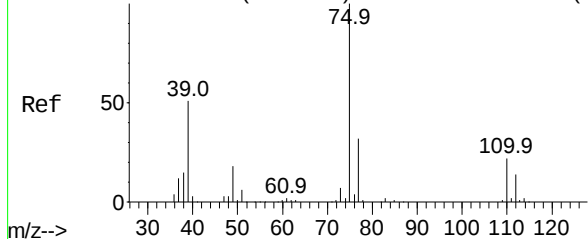
Tgt Ion: 83 Resp: 1588
Ion Ratio Lower Upper
83 100
85 69.4 44.6 82.8
127 0.0 6.2 9.2#



Abundance Scan 1795 (7.111 min): VU045165.D\data.ms (-1702) (-)



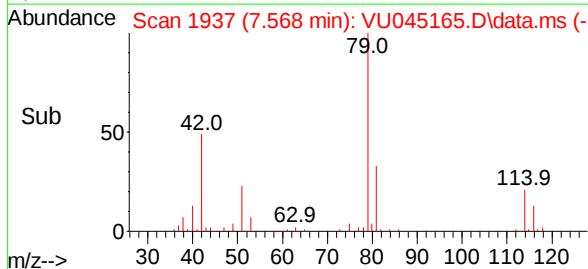
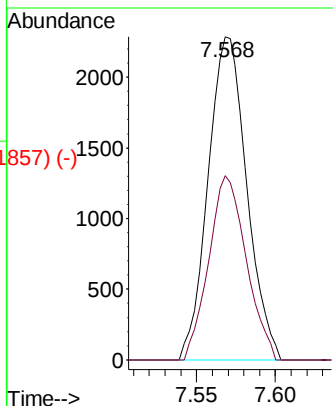
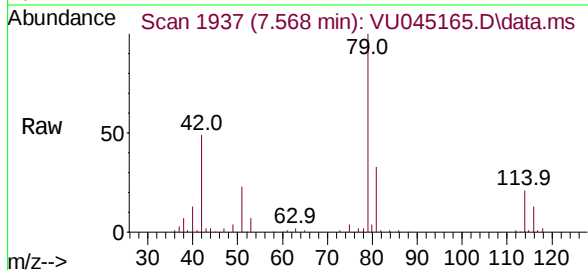
Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928) (-)



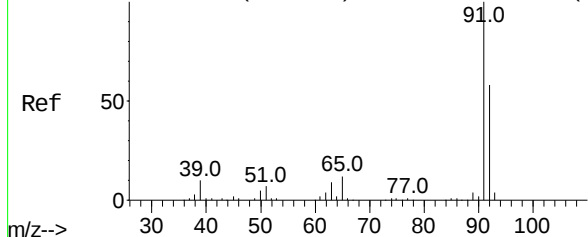
cis-1,3-Dichloropropene
Concen: 0.936 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Instrument :
MSVOA_U
ClientSampled :
F4A17

Tgt Ion: 75 Resp: 3905
Ion Ratio Lower Upper
75 100
77 57.0 22.4 41.6#

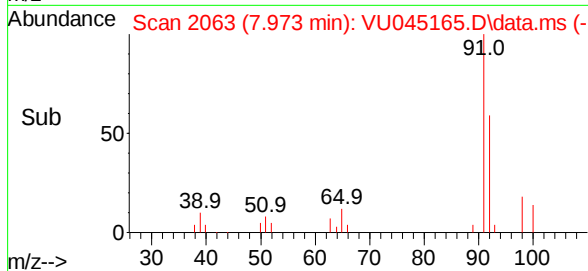
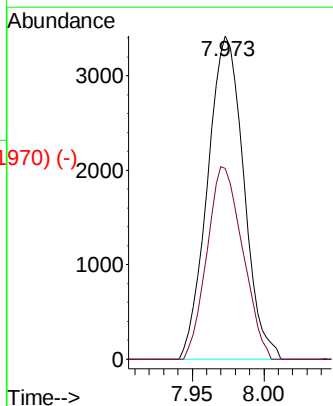
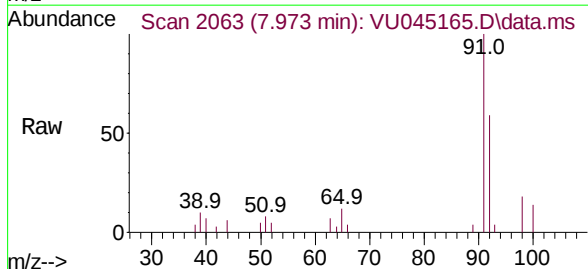


Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-2049) (-)

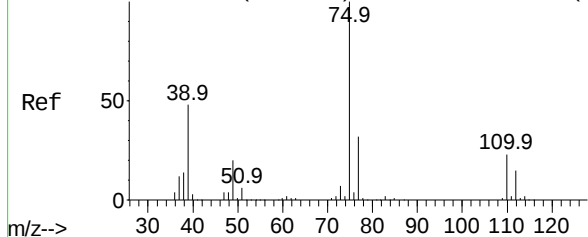


Toluene
Concen: 0.550 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Tgt Ion: 91 Resp: 5987
Ion Ratio Lower Upper
91 100
92 59.1 40.5 75.1



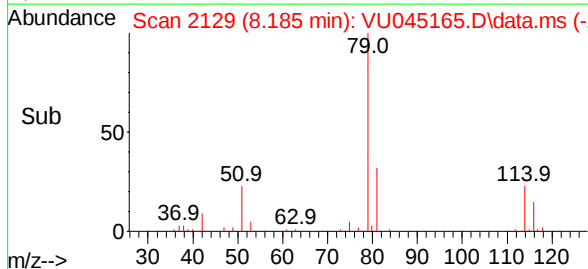
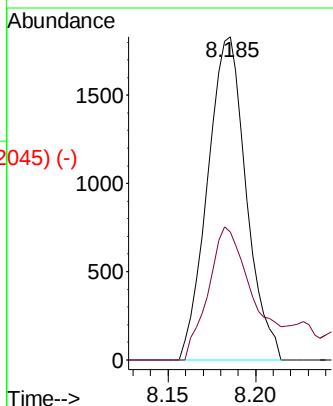
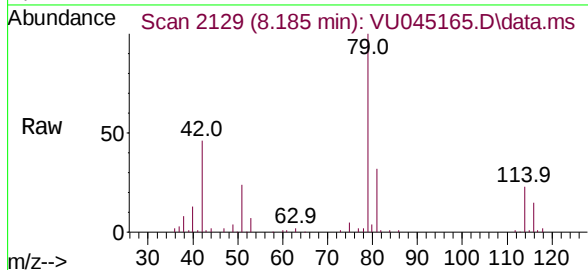
Abundance Scan 2138 (8.214 min): VU045134.D\data.ms (-21194-)



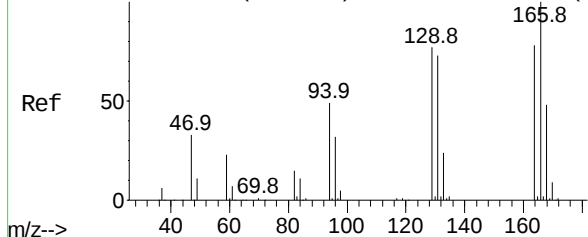
trans-1,3-Dichloropropene
Concen: 0.706 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

Instrument :
MSVOA_U
ClientSampled :
F4A17

Tgt Ion: 75 Resp: 2801
Ion Ratio Lower Upper
75 100
77 39.6 21.7 40.3

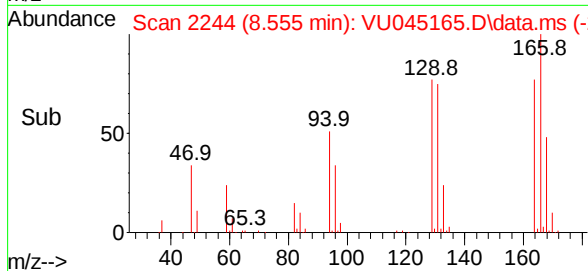
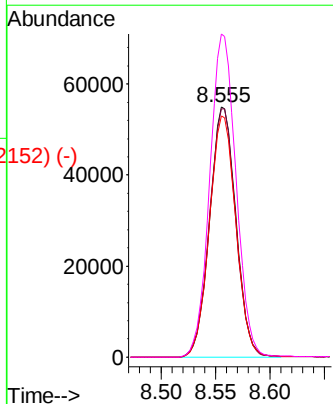
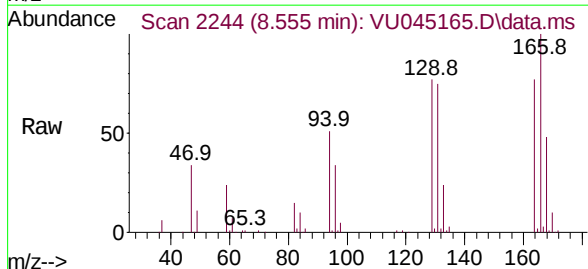


Abundance Scan 2245 (8.558 min): VU045134.D\data.ms (-22329-)



Tetrachloroethene
Concen: 49.986 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

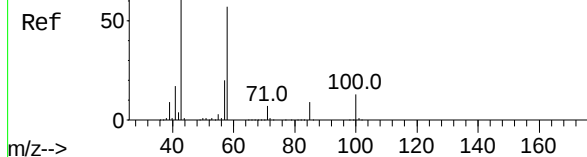
Tgt Ion:164 Resp: 91897
Ion Ratio Lower Upper
164 100
129 99.3 69.8 129.6
131 96.3 66.4 123.2
166 129.0 91.1 169.3



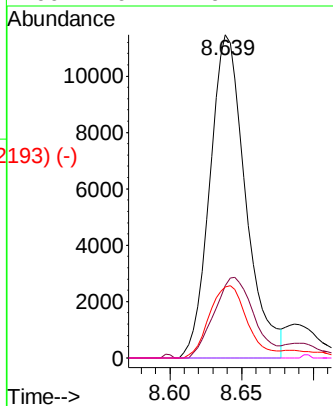
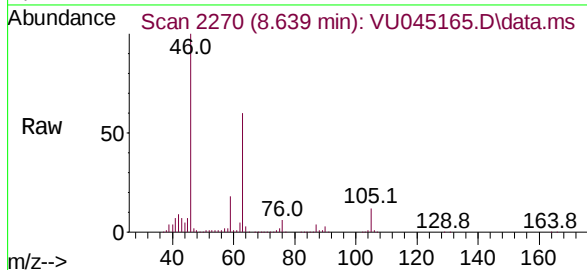
Abundance Scan 2286 (8.690 min): VU045134.D\data.ms (-2279) (-)

2-Hexanone
Concen: 4.568 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.052 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33

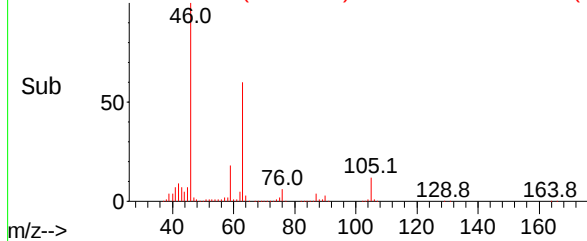
Instrument :
MSVOA_U
ClientSampled :
F4A17



Tgt Ion:	43	Resp:	19730
Ion	Ratio	Lower	Upper
43	100		
58	27.5	44.9	67.3#
57	23.8	15.5	23.3#
100	0.2	9.4	14.0#

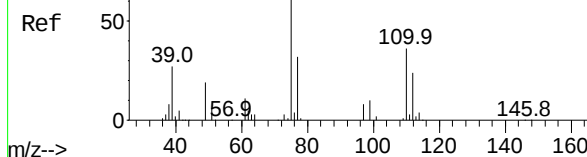


Abundance Scan 2270 (8.639 min): VU045165.D\data.ms (-2193) (-)

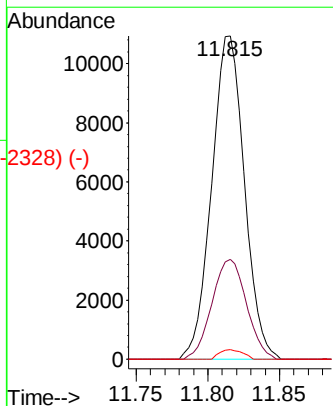
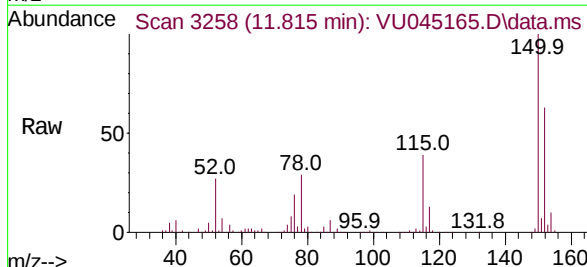


Abundance Scan 2950 (10.825 min): VU045134.D\data.ms (-2950) (-)

1,2,3-Trichloropropane
Concen: 4.918 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045165.D
Acq: 05 Oct 2021 23:33



Tgt Ion:	75	Resp:	17305
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3
110	2.1	29.0	43.4#



Abundance Scan 3258 (11.815 min): VU045165.D\data.ms (-2328) (-)

