

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045162.D
 Acq On : 05 Oct 2021 22:23
 Operator : SY/MD
 Sample : M4023-12 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Quant Time: Oct 06 04:38:07 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	302747	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	286219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110626	33.379	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	66.760%	
7) Chloroethane-d5	1.906	69	102173	38.904	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.568	63	174881	31.421	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	62.840%	
21) 2-Butanone-d5	4.633	46	240087	91.632	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	91.630%	
24) Chloroform-d	5.067	84	216823	41.423	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	82.840%	
26) 1,2-Dichloroethane-d4	5.706	65	155418	43.834	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.660%	
32) Benzene-d6	5.732	84	451215	45.432	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.860%	
36) 1,2-Dichloropropane-d6	6.697	67	145393	44.897	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	89.800%	
41) Toluene-d8	7.902	98	392508	45.795	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.182	79	65272	45.311	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	90.620%	
47) 2-Hexanone-d5	8.639	63	166991	93.051	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	93.050%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224227	44.465	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	88.920%	
66) 1,2-Dichlorobenzene-d4	12.195	152	138277	50.917	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	101.840%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	3257	0.920	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	22827	9.737	ug/L #	1
16) Methylene chloride	3.051	84	20554	6.920	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	5762	2.333	ug/L	93
19) 1,1-Dichloroethane	3.874	63	14771	2.875	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	236070	86.746	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	108447	27.371	ug/L	99
31) Carbon tetrachloride	5.321	117	13714	4.382	ug/L	99
34) Trichloroethene	6.546	95	256430	100.569	ug/L	99
37) 1,2-Dichloropropane	6.694	63	17052	5.900	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4252	1.028	ug/L #	74
42) Toluene	7.973	91	6633	0.615	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	3046	0.775	ug/L	85
48) 2-Hexanone	8.639	43	19394	4.530	ug/L #	69
60) 1,2,3-Trichloropropane	11.816	75	17128	4.963	ug/L #	69

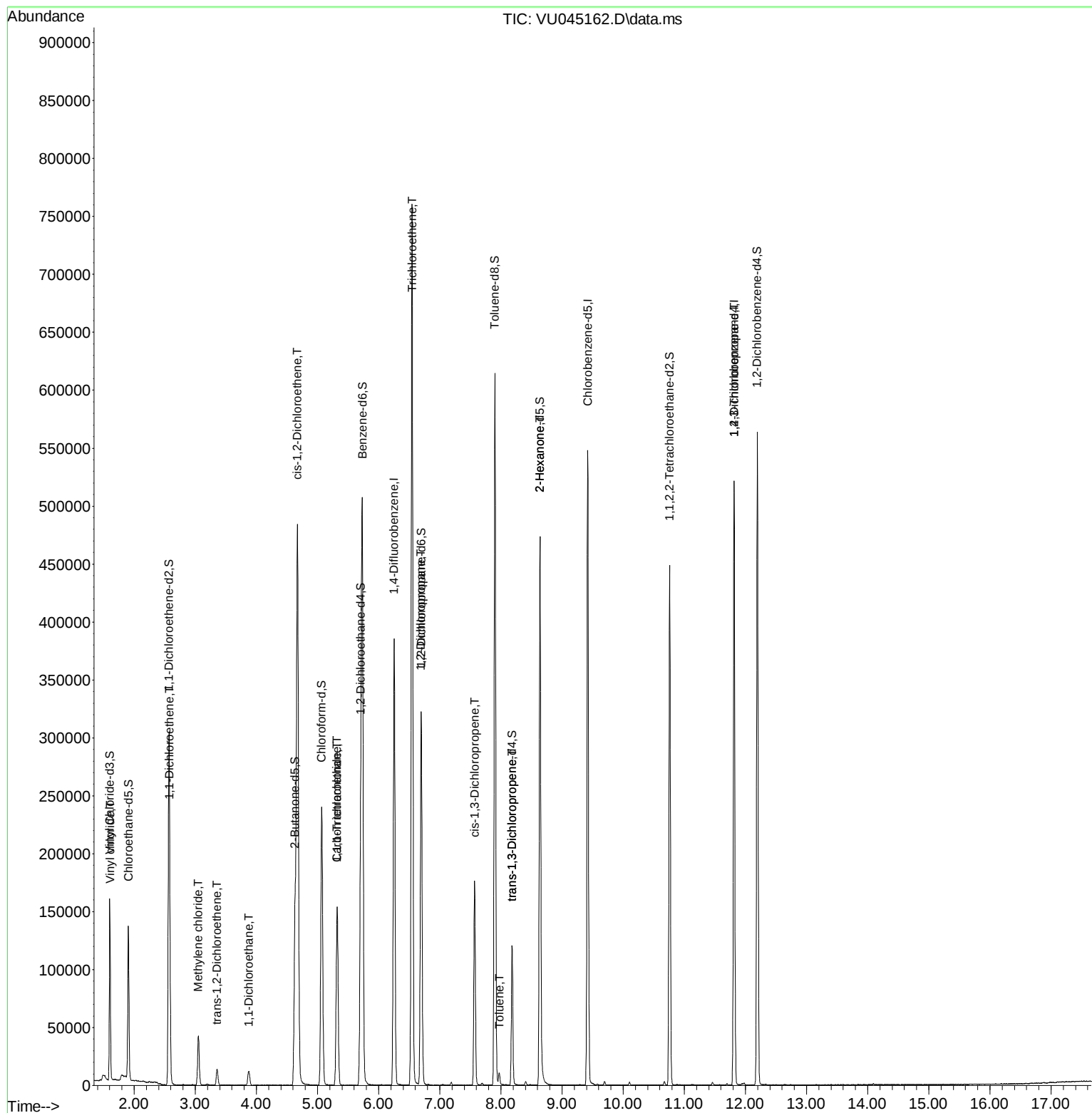
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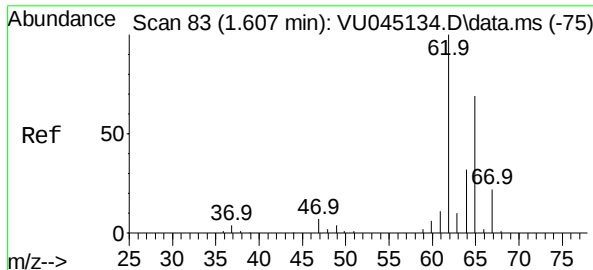
Instrument :
MSVOA_U
ClientSampleId :
C0AK1

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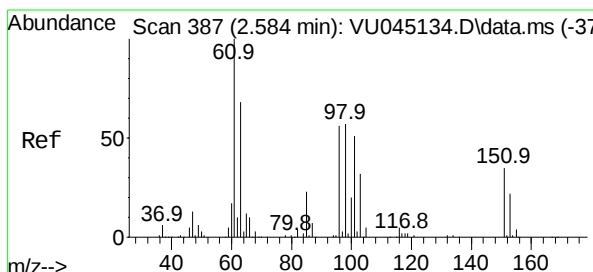
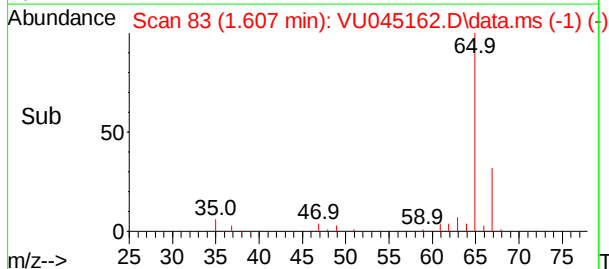
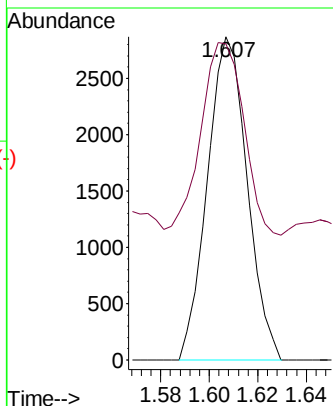
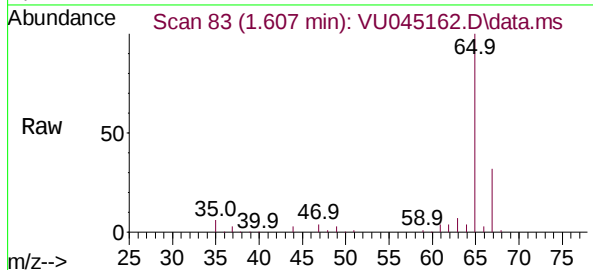




Vinyl chloride
 Concen: 0.920 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045162.D
 Acq: 05 Oct 2021 22:23

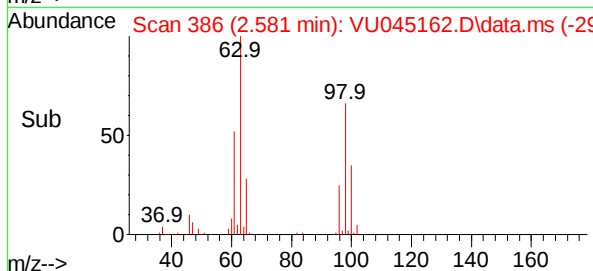
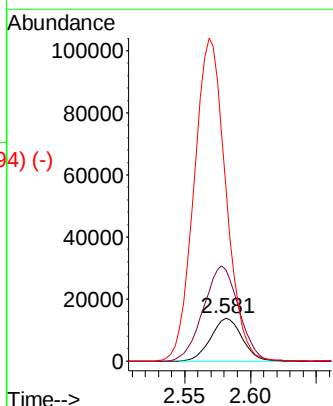
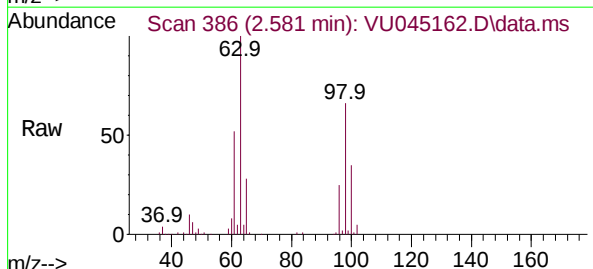
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Tgt Ion: 62 Resp: 3257
 Ion Ratio Lower Upper
 62 100
 64 97.7 23.4 43.6#

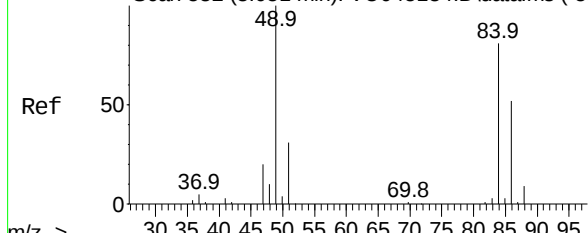


1,1-Dichloroethene
 Concen: 9.737 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU045162.D
 Acq: 05 Oct 2021 22:23

Tgt Ion: 96 Resp: 22827
 Ion Ratio Lower Upper
 96 100
 61 213.2 131.3 243.9
 63 406.9 102.5 190.3#

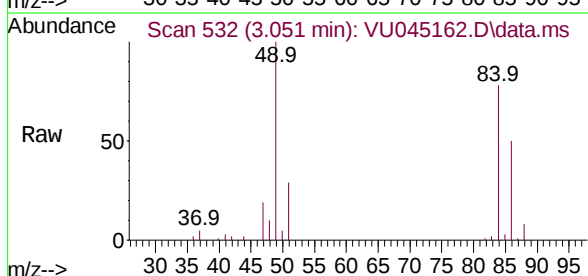


Abundance Scan 532 (3.051 min): VU045134.D\data.ms (-518) #16

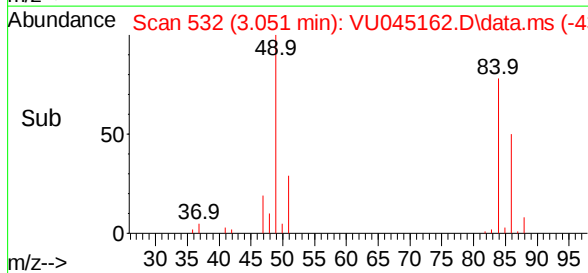
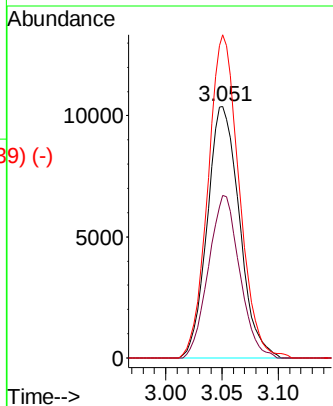


Methylene chloride
 Concen: 6.920 ug/L
 RT: 3.051 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: VU045162.D
 Acq: 05 Oct 2021 22:23

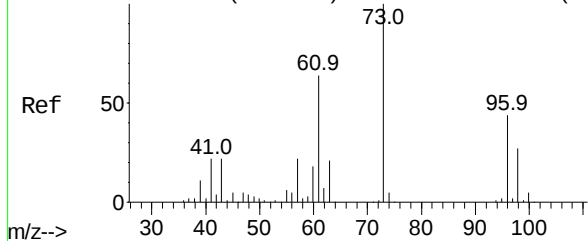
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1



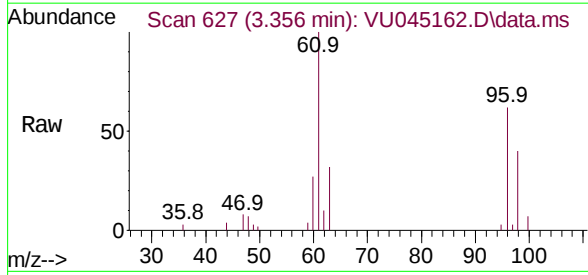
Tgt Ion:	84	Resp:	20554
Ion	Ratio	Lower	Upper
84	100		
86	64.7	44.7	83.1
49	128.5	92.9	172.5



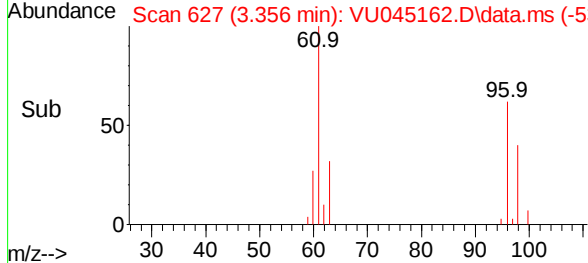
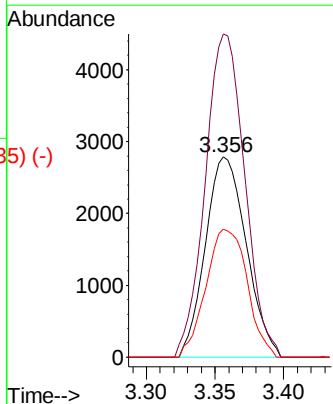
Abundance Scan 628 (3.359 min): VU045134.D\data.ms (-614) #17

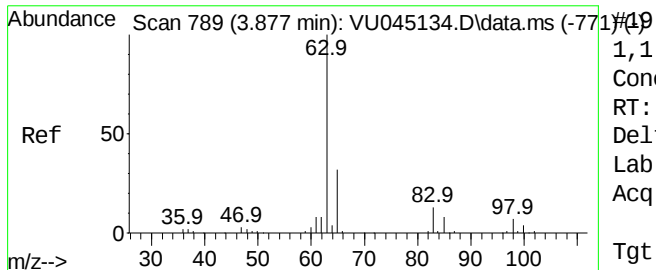


trans-1,2-Dichloroethene
 Concen: 2.333 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. -0.003 min
 Lab File: VU045162.D
 Acq: 05 Oct 2021 22:23



Tgt Ion:	96	Resp:	5762
Ion	Ratio	Lower	Upper
96	100		
61	161.5	105.1	195.3
98	63.8	43.0	79.8

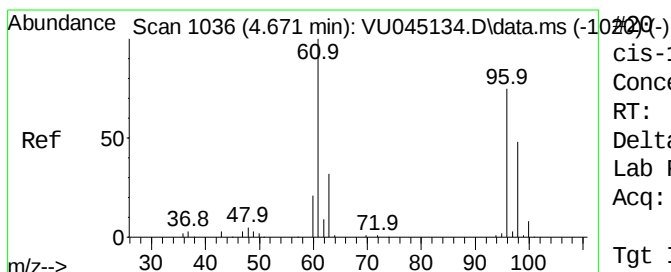
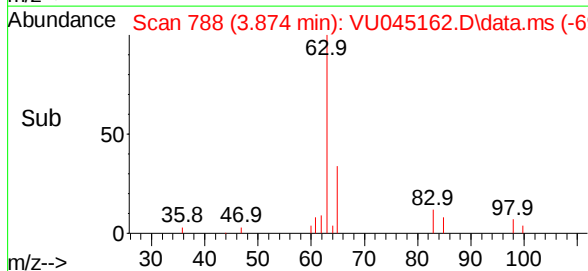
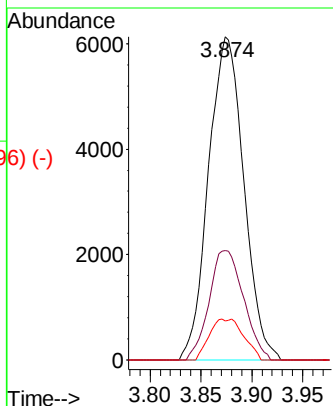
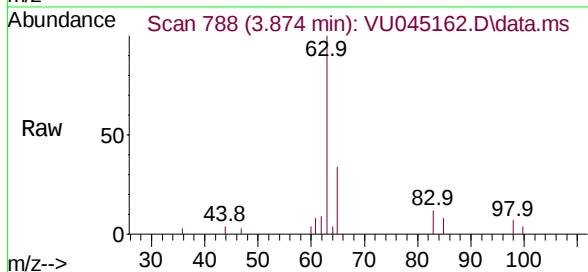




1,1-Dichloroethane
 Concen: 2.875 ug/L
 RT: 3.874 min Scan# 788
 Delta R.T. -0.003 min
 Lab File: VU045162.D
 Acq: 05 Oct 2021 22:23

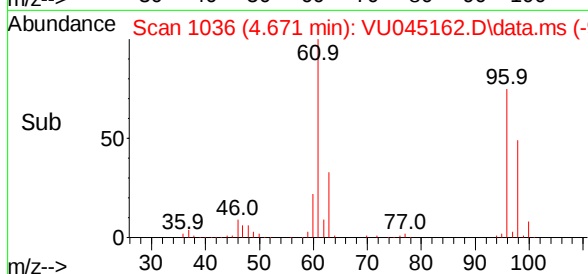
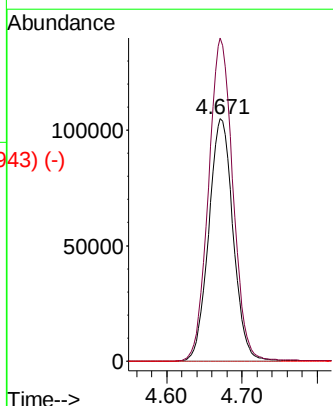
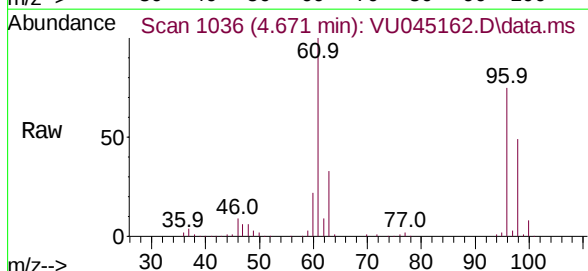
Instrument :
 MSVOA_U
 ClientSampled :
 C0AK1

Tgt Ion:	63	Resp:	14771
Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.0	40.8
83	12.0	9.0	16.6

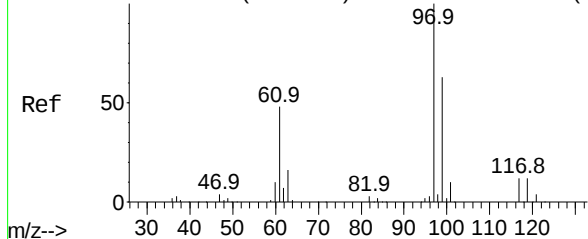


cis-1,2-Dichloroethene
 Concen: 86.746 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045162.D
 Acq: 05 Oct 2021 22:23

Tgt Ion:	96	Resp:	236070
Ion	Ratio	Lower	Upper
96	100		
61	133.1	100.2	186.0
68	0.0	0.0	0.0



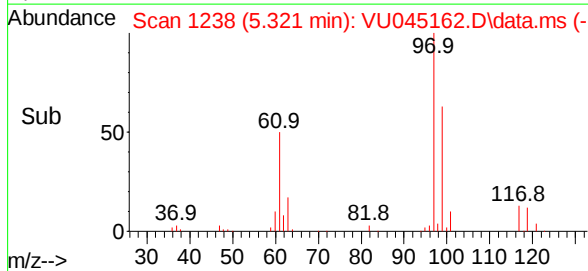
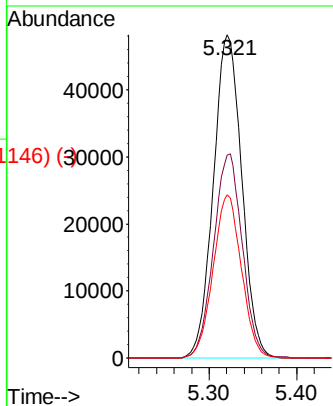
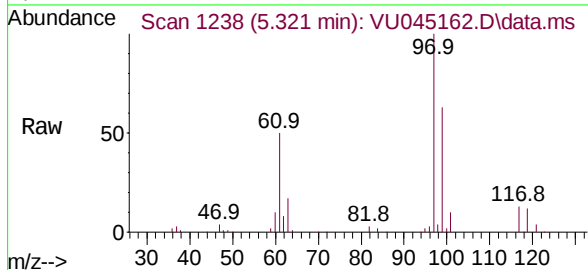
Abundance Scan 1239 (5.324 min): VU045134.D\data.ms (-1239) (-)



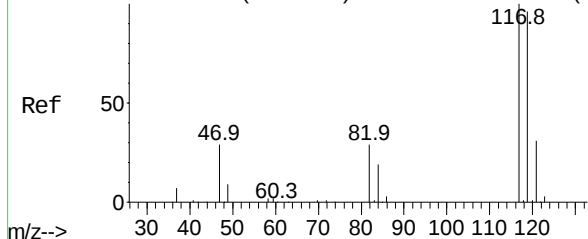
1,1,1-Trichloroethane
Concen: 27.371 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Instrument :
MSVOA_U
ClientSampled :
C0AK1

Tgt Ion:	97	Resp:	108447
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	75.8
61	50.3	41.3	61.9

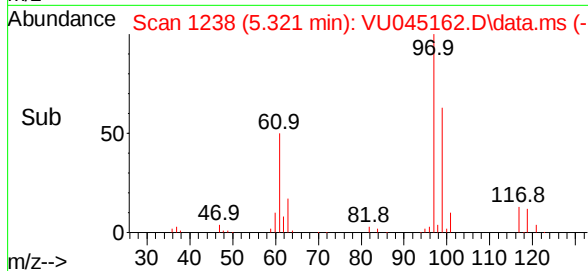
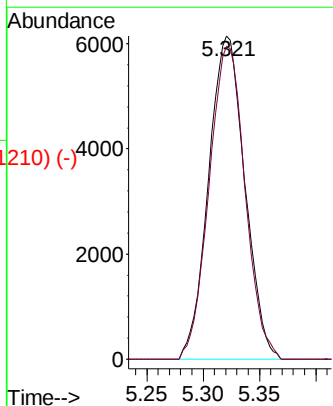
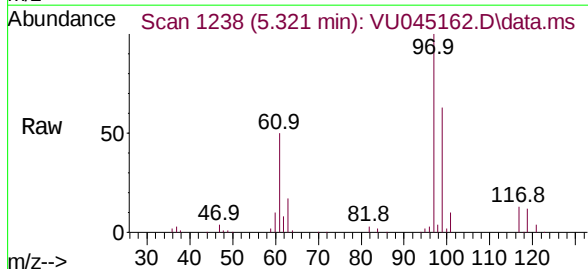


Abundance Scan 1303 (5.530 min): VU045134.D\data.ms (-1239) (-)

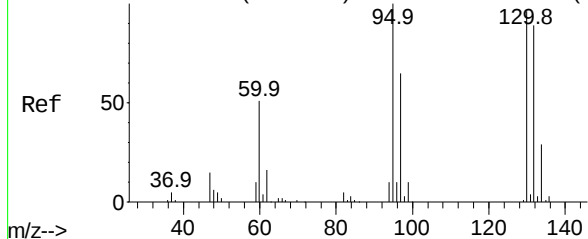


Carbon tetrachloride
Concen: 4.382 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.209 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Tgt Ion:	117	Resp:	13714
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5

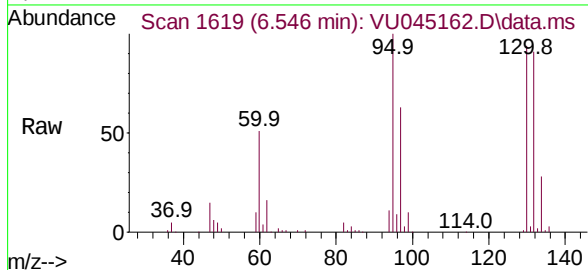


Abundance Scan 1619 (6.546 min): VU045134.D\data.ms (-16034-)

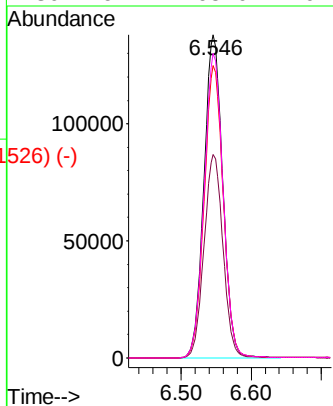
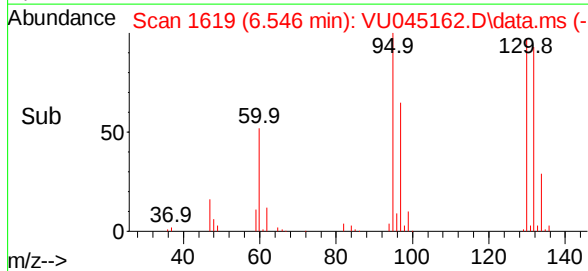


Trichloroethene
Concen: 100.569 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

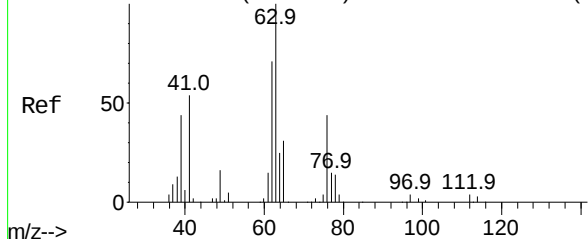
Instrument :
MSVOA_U
ClientSampled :
C0AK1



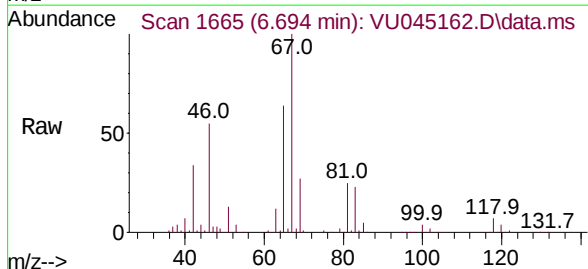
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.4	82.4
132	90.5	62.9	116.9
130	94.2	65.0	120.8



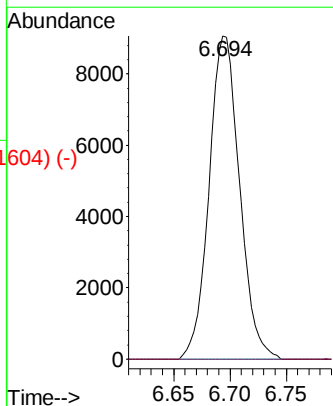
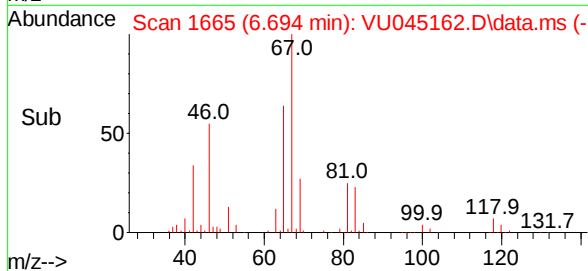
Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-16037-)



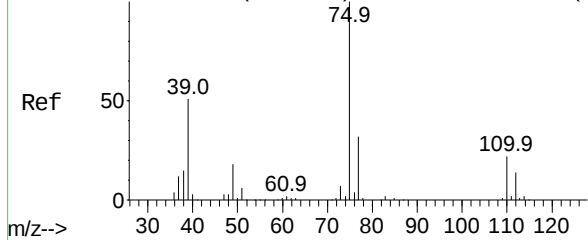
1,2-Dichloropropane
Concen: 5.900 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23



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



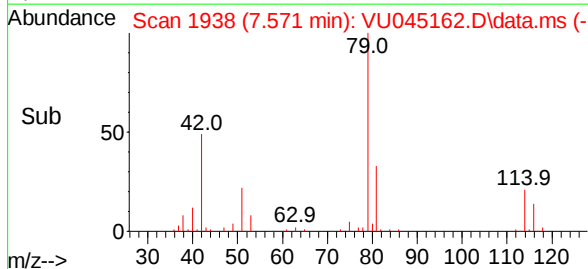
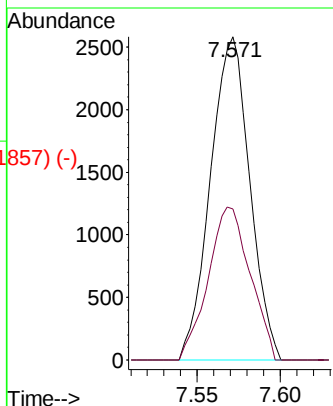
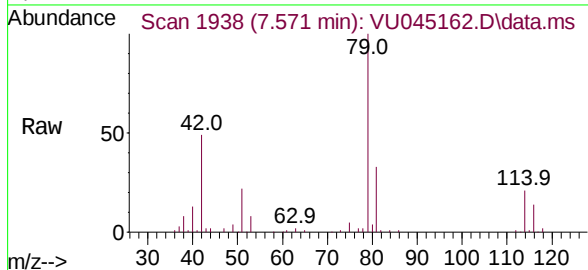
Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928)



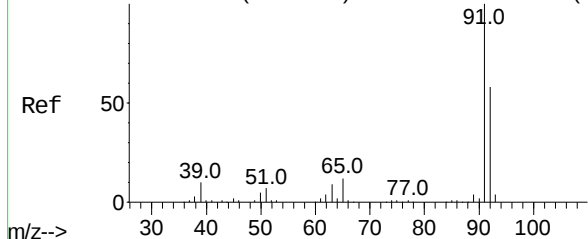
cis-1,3-Dichloropropene
Concen: 1.028 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Instrument :
MSVOA_U
ClientSampled :
C0AK1

Tgt Ion: 75 Resp: 4252
Ion Ratio Lower Upper
75 100
77 46.7 22.4 41.6#

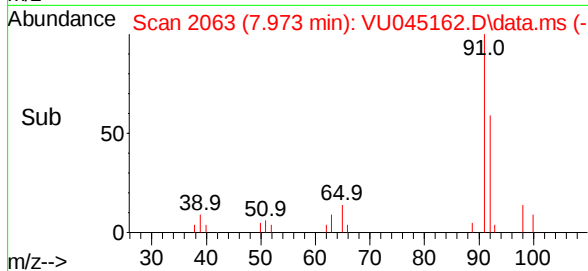
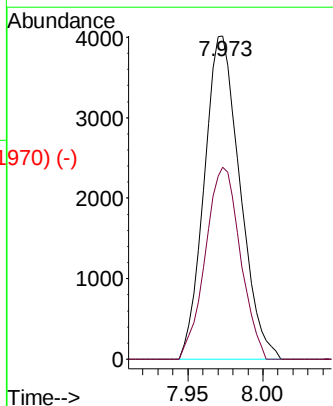
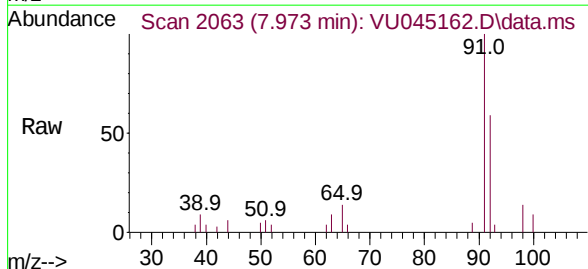


Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-2049)

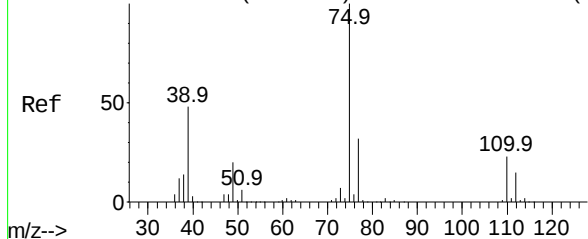


Toluene
Concen: 0.615 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Tgt Ion: 91 Resp: 6633
Ion Ratio Lower Upper
91 100
92 59.4 40.5 75.1



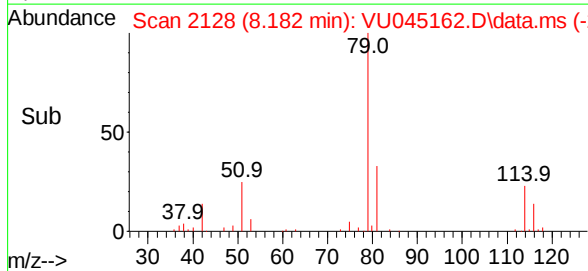
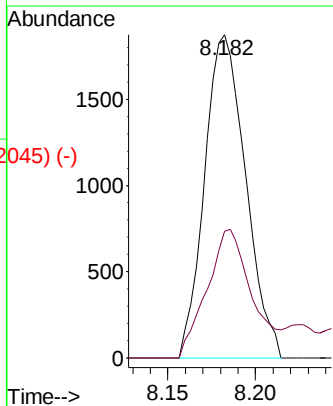
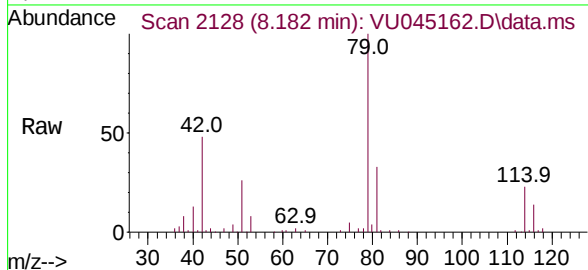
Abundance Scan 2138 (8.214 min): VU045134.D\data.ms (-21194-)



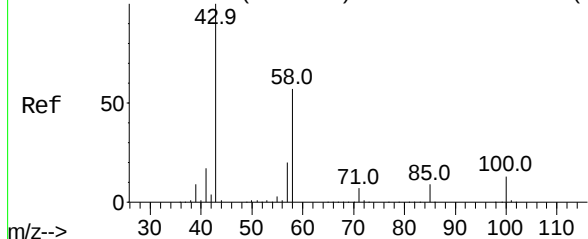
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Instrument :
MSVOA_U
ClientSampled :
C0AK1

Tgt Ion: 75 Resp: 3046
Ion Ratio Lower Upper
75 100
77 39.1 21.7 40.3

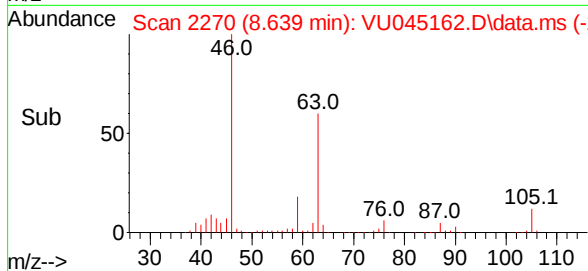
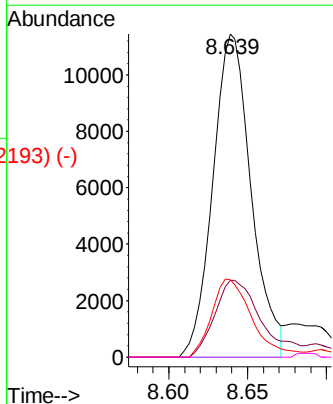
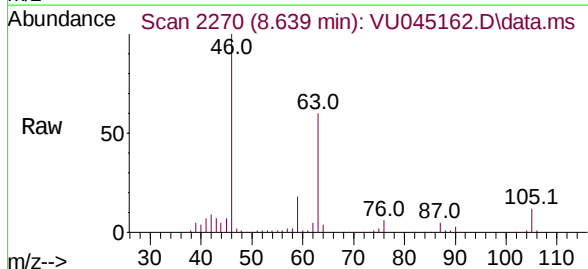


Abundance Scan 2286 (8.690 min): VU045134.D\data.ms (-22798-)

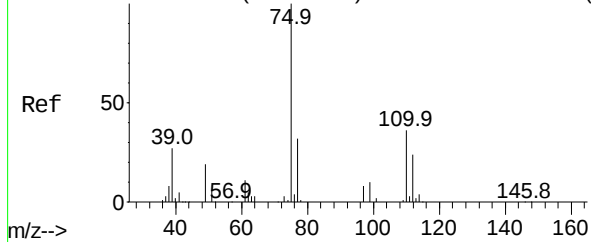


2-Hexanone
Concen: 4.530 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Tgt Ion: 43 Resp: 19394
Ion Ratio Lower Upper
43 100
58 29.2 44.9 67.3#
57 25.6 15.5 23.3#
100 0.0 9.4 14.0#



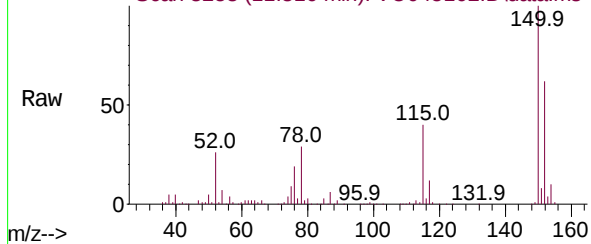
Abundance Scan 2950 (10.825 min): VU045134.D\data.ms (-2328) (-)



1,2,3-Trichloropropane
Concen: 4.963 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045162.D
Acq: 05 Oct 2021 22:23

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Abundance Scan 3258 (11.816 min): VU045162.D\data.ms



Tgt Ion:	75	Resp:	17128
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
110	2.0	29.0	43.4#

Abundance Scan 3258 (11.816 min): VU045162.D\data.ms (-2328) (-)

