

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045138.D
 Acq On : 05 Oct 2021 12:37
 Operator : SY/MD
 Sample : M3974-09ME
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z3ME

Quant Time: Oct 06 01:44:08 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)

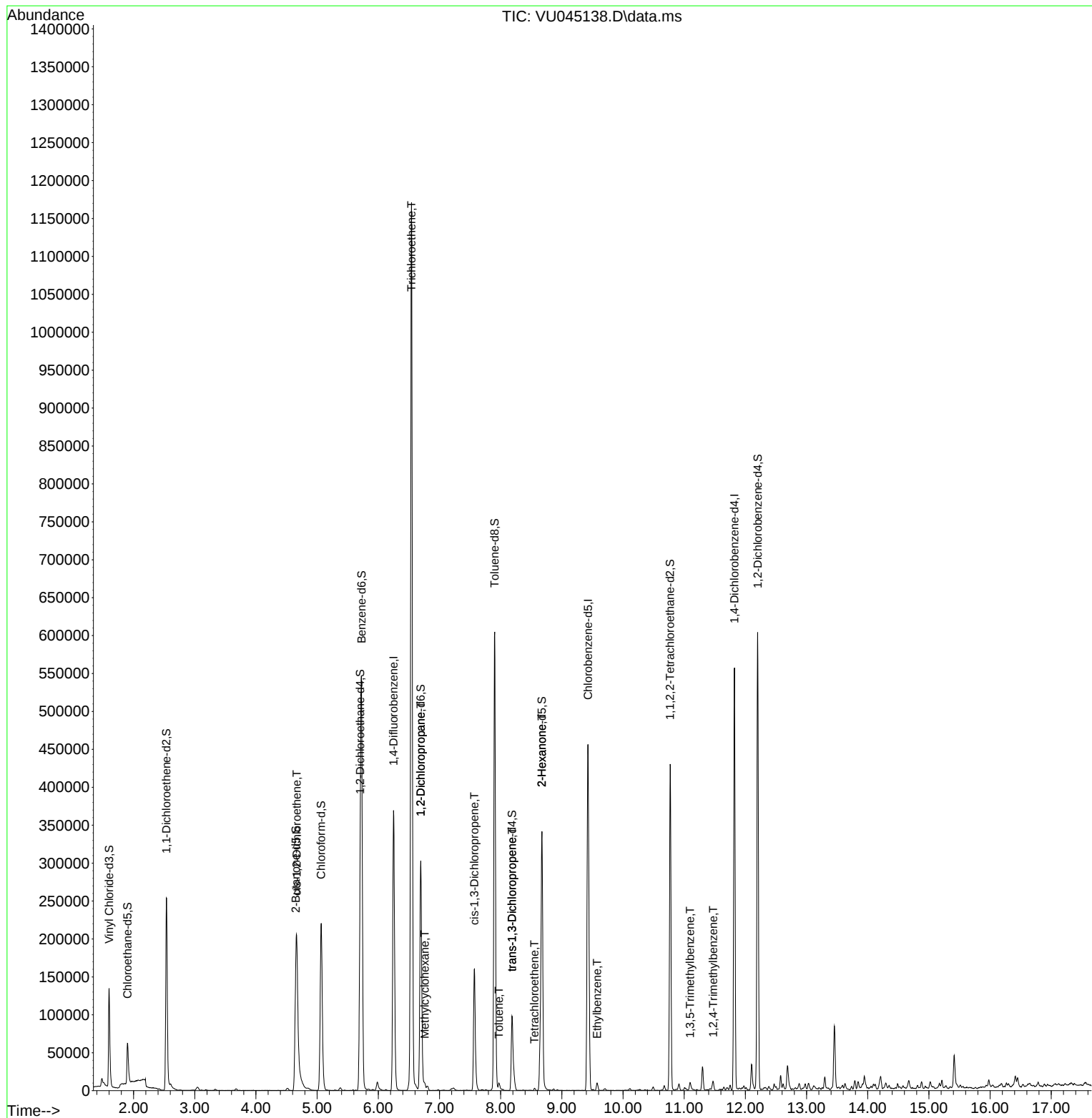
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	318614	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	304753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	138362	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	122035	34.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.980%
7) Chloroethane-d5	1.899	69	50992	18.449	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.900%#
11) 1,1-Dichloroethene-d2	2.536	63	173105	29.553	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.100%#
21) 2-Butanone-d5	4.652	46	217518	78.884	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.880%
24) Chloroform-d	5.067	84	217732	39.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.040%
26) 1,2-Dichloroethane-d4	5.703	65	159252	42.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
32) Benzene-d6	5.726	84	468358	44.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
36) 1,2-Dichloropropane-d6	6.694	67	148672	43.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	7.902	98	417247	45.721	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	8.185	79	70196	45.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.540%
47) 2-Hexanone-d5	8.674	63	161613	84.577	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.580%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	213888	39.835	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.680%
66) 1,2-Dichlorobenzene-d4	12.201	152	143943	47.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.668	96	73387	25.624	ug/L	94
34) Trichloroethene	6.542	95	411582	151.601	ug/L	99
35) Methylcyclohexane	6.761	83	3507	0.772	ug/L	90
37) 1,2-Dichloropropane	6.694	63	17178	5.582	ug/L	98
39) cis-1,3-Dichloropropene	7.568	75	4602	1.045	ug/L #	64
42) Toluene	7.970	91	7285	0.634	ug/L	98
44) trans-1,3-Dichloropropene	8.185	75	2938	0.702	ug/L #	71
46) Tetrachloroethene	8.552	164	702	0.362	ug/L	85
48) 2-Hexanone	8.674	43	18492	4.056	ug/L #	68
52) Ethylbenzene	9.578	91	8902	0.734	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	5923	0.700	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	5688	0.657	ug/L	99

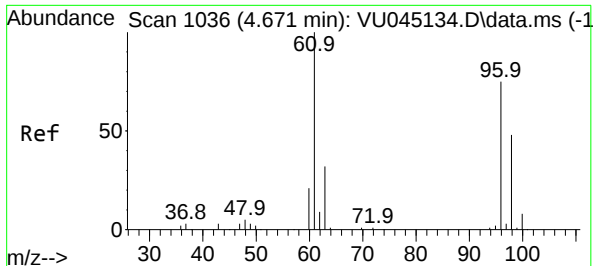
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045138.D
Acq On : 05 Oct 2021 12:37
Operator : SY/MD
Sample : M3974-09ME
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

Quant Time: Oct 06 01:44:08 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

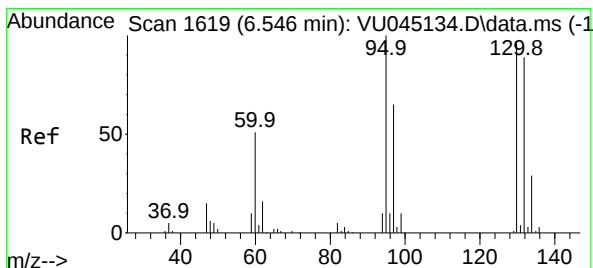
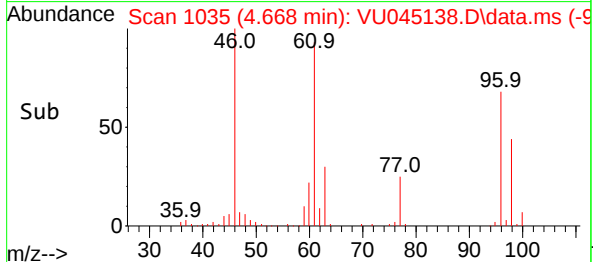
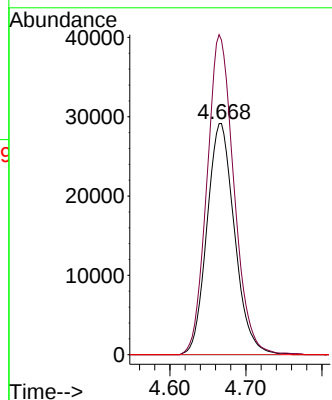
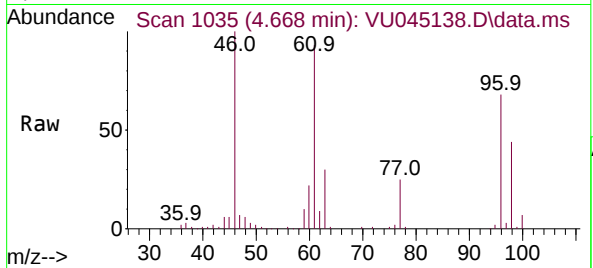




#20
cis-1,2-Dichloroethene
Concen: 25.624 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

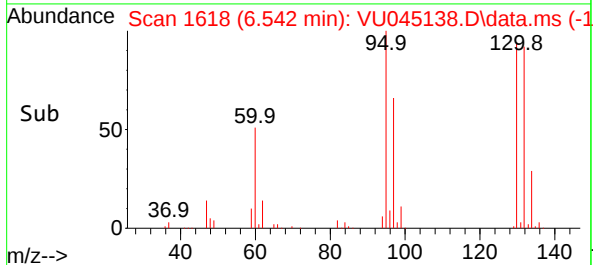
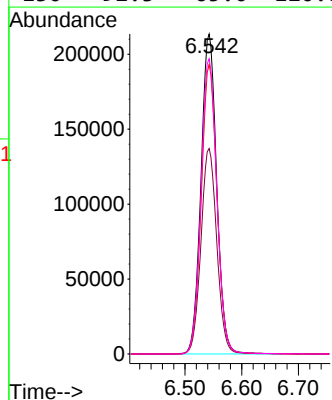
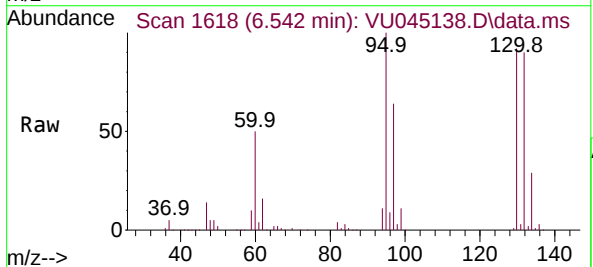
Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

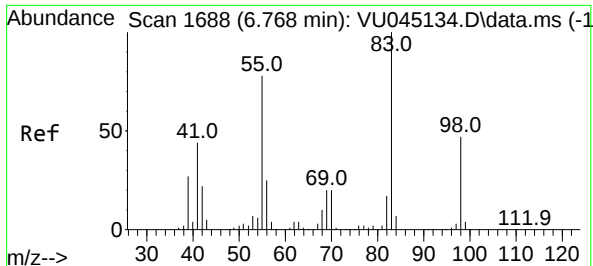
Tgt Ion: 96 Resp: 73387
Ion Ratio Lower Upper
96 100
61 136.1 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 151.601 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion: 95 Resp: 411582
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 90.4 62.9 116.9
130 92.3 65.0 120.8





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.761 min Scan# 1686

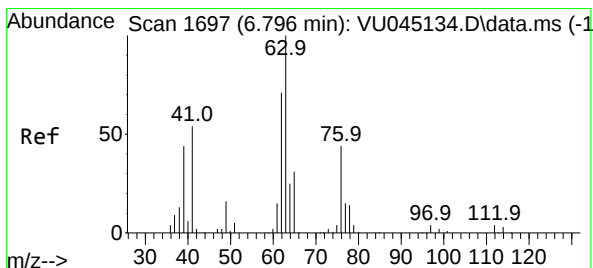
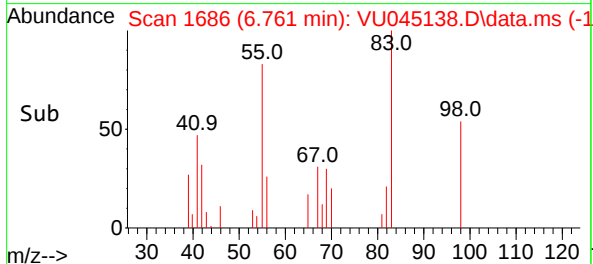
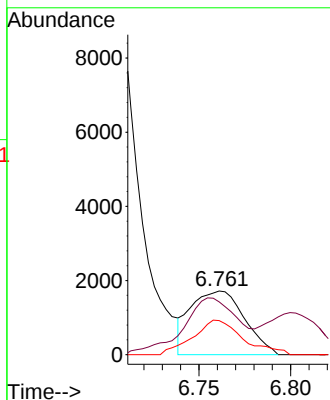
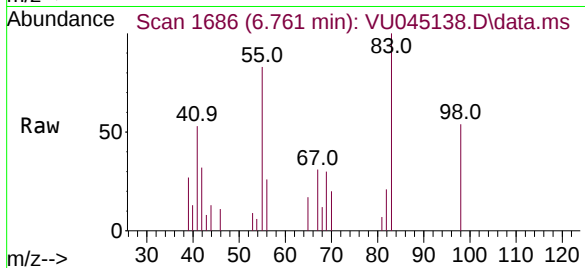
Delta R.T. -0.006 min

Lab File: VU045138.D

Acq: 05 Oct 2021 12:37

Tgt Ion: 83 Resp: 3507

Ion	Ratio	Lower	Upper
83	100		
55	93.4	65.8	98.6
98	50.2	37.1	55.7



#37

1,2-Dichloropropane

Concen: 5.582 ug/L

RT: 6.694 min Scan# 1665

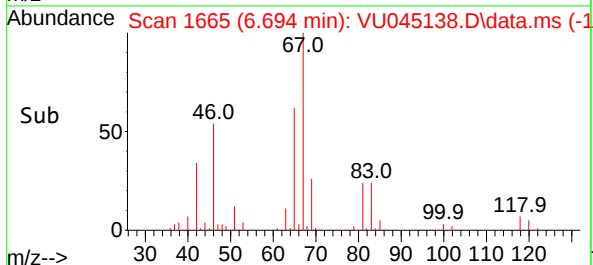
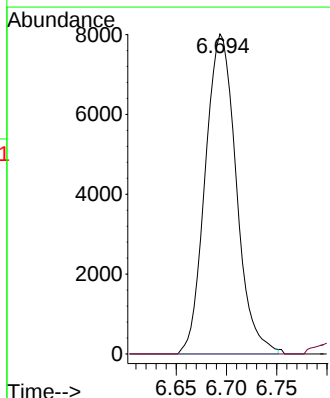
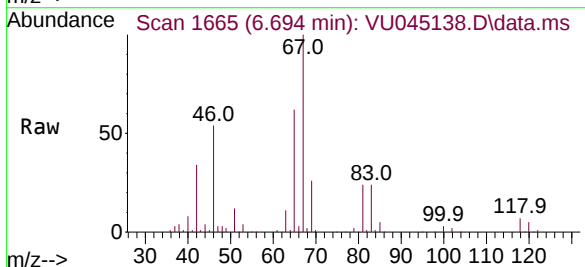
Delta R.T. -0.103 min

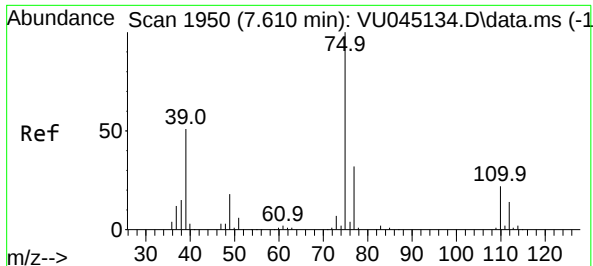
Lab File: VU045138.D

Acq: 05 Oct 2021 12:37

Tgt Ion: 63 Resp: 17178

Ion	Ratio	Lower	Upper
63	100		
112	3.3	3.2	4.8



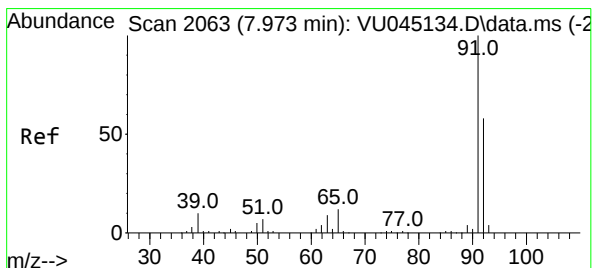
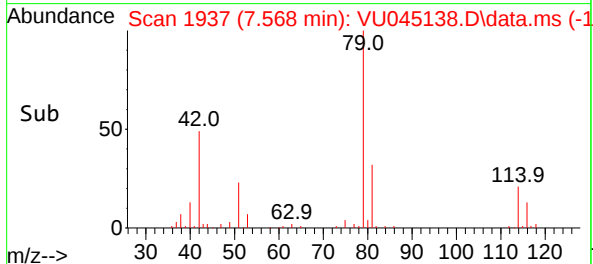
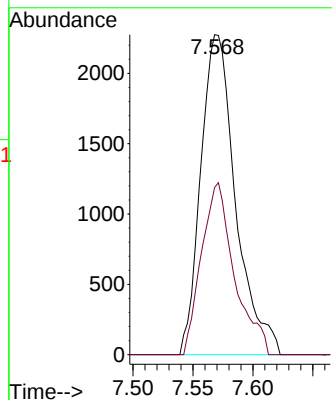
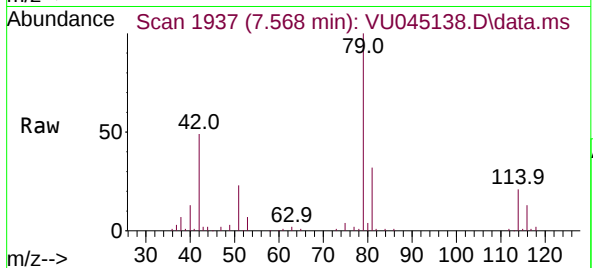


#39

cis-1,3-Dichloropropene
Concen: 1.045 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

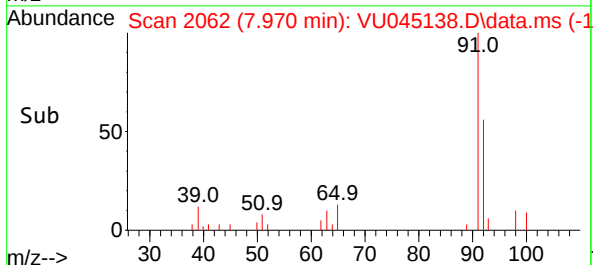
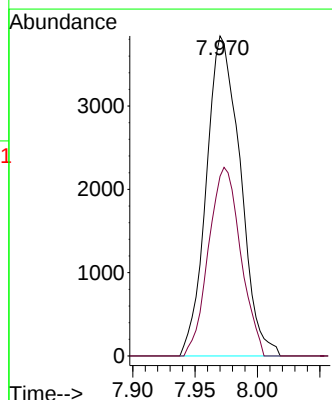
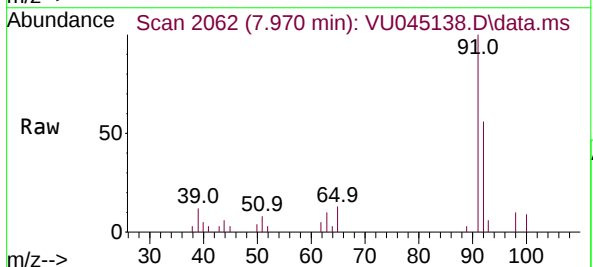
Tgt Ion: 75 Resp: 4602
Ion Ratio Lower Upper
75 100
77 52.3 22.4 41.6#

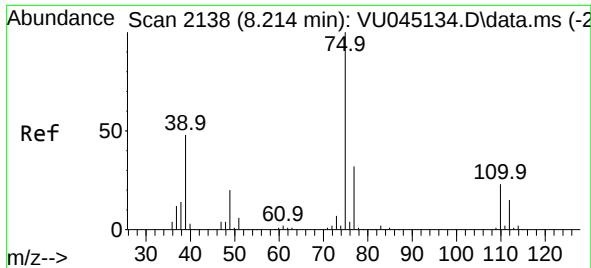


#42

Toluene
Concen: 0.634 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion: 91 Resp: 7285
Ion Ratio Lower Upper
91 100
92 56.2 40.5 75.1

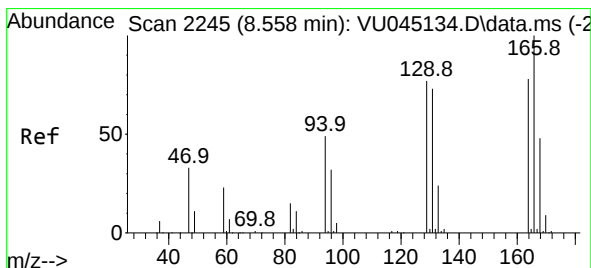
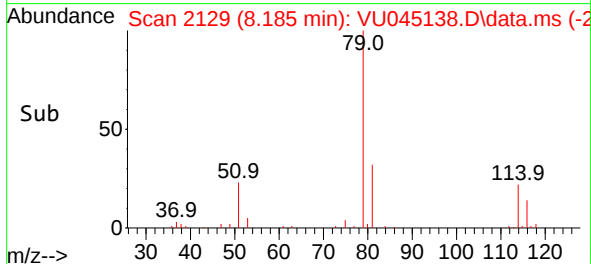
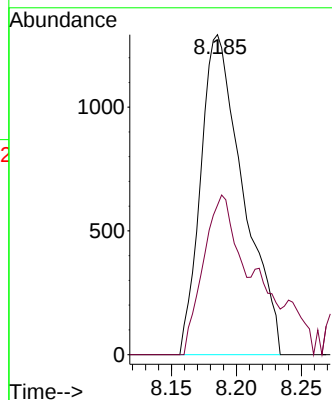
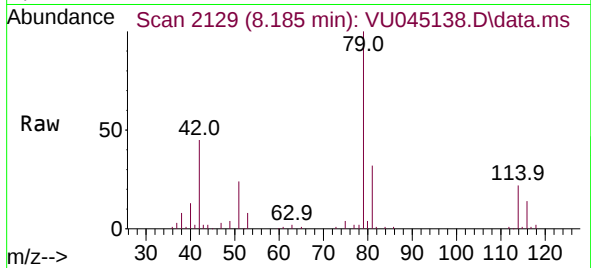




#44
trans-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

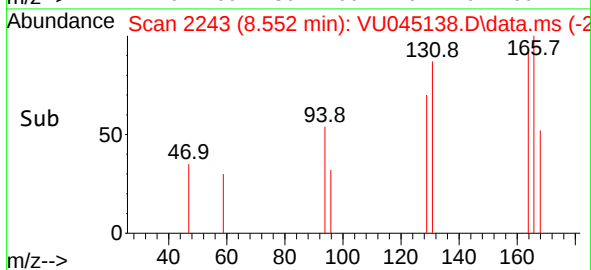
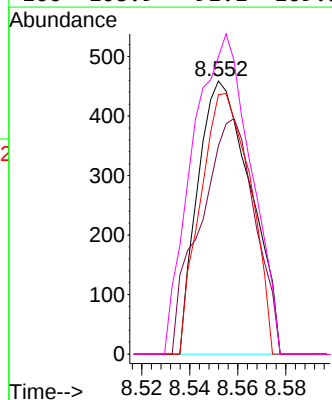
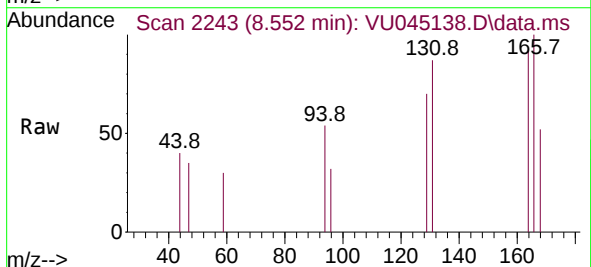
Instrument :
MSVOA_U
ClientSampled :
EW8Z3ME

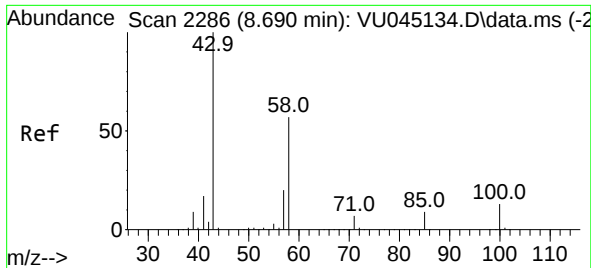
Tgt Ion: 75 Resp: 2938
Ion Ratio Lower Upper
75 100
77 46.7 21.7 40.3#



#46
Tetrachloroethene
Concen: 0.362 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.007 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion: 164 Resp: 702
Ion Ratio Lower Upper
164 100
129 76.3 69.8 129.6
131 95.0 66.4 123.2
166 108.9 91.1 169.3

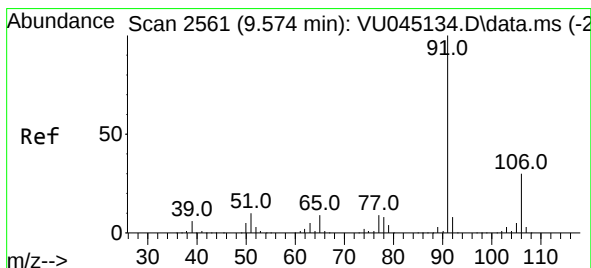
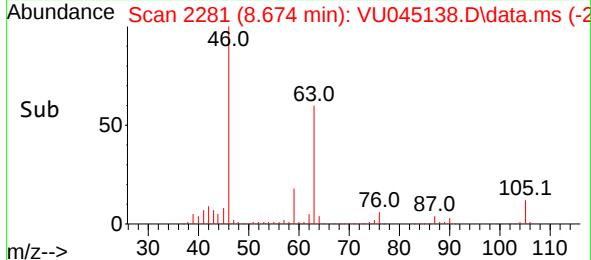
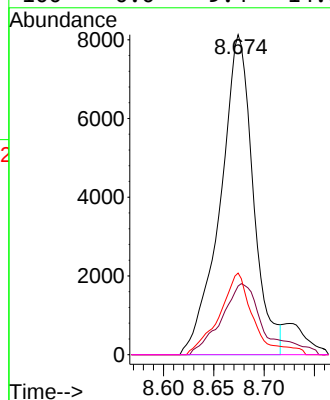
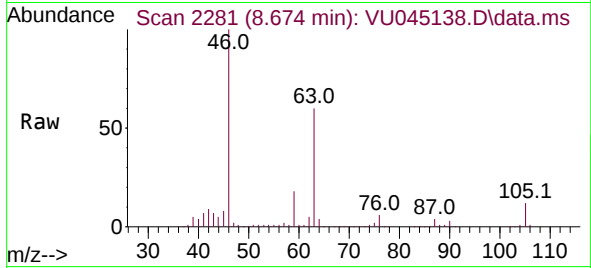




#48
2-Hexanone
Concen: 4.056 ug/L
RT: 8.674 min Scan# 2281
Delta R.T. -0.016 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

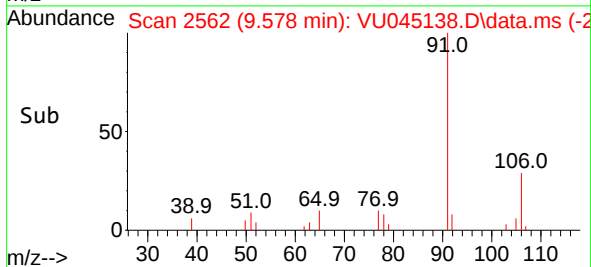
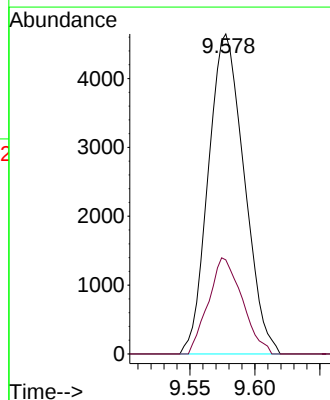
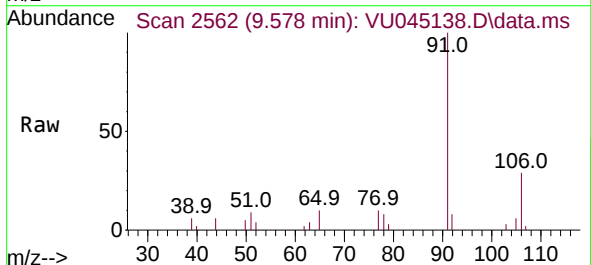
Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

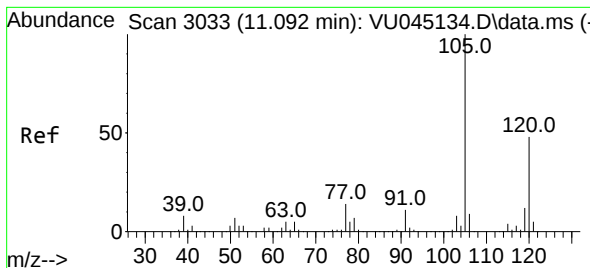
Tgt Ion: 43	Resp: 18492
Ion Ratio	Lower Upper
43 100	
58 28.4	44.9 67.3#
57 26.5	15.5 23.3#
100 0.0	9.4 14.0#



#52
Ethylbenzene
Concen: 0.734 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045138.D
Acq: 05 Oct 2021 12:37

Tgt Ion: 91	Resp: 8902
Ion Ratio	Lower Upper
91 100	
106 31.7	21.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 0.700 ug/L

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU045138.D

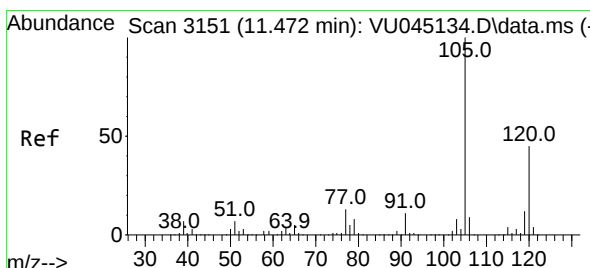
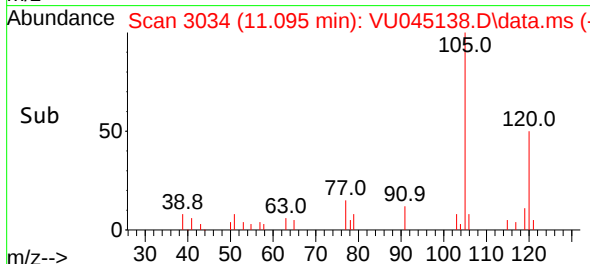
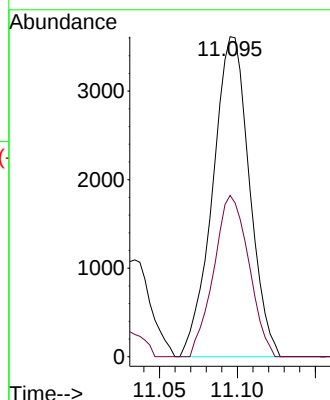
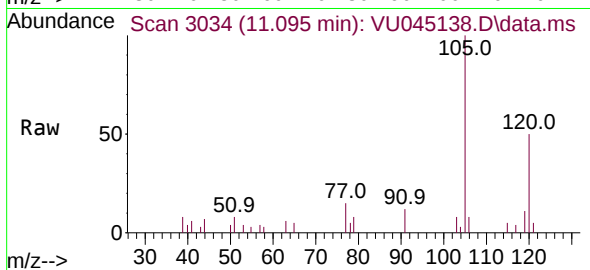
Acq: 05 Oct 2021 12:37

Tgt Ion:105 Resp: 5923

Ion Ratio Lower Upper

105 100

120 48.1 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 0.657 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VU045138.D

Acq: 05 Oct 2021 12:37

Tgt Ion:105 Resp: 5688

Ion Ratio Lower Upper

105 100

120 43.7 35.7 53.5

