

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045264.D
 Acq On : 08 Oct 2021 20:13
 Operator : SY/MD
 Sample : M4025-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:33:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

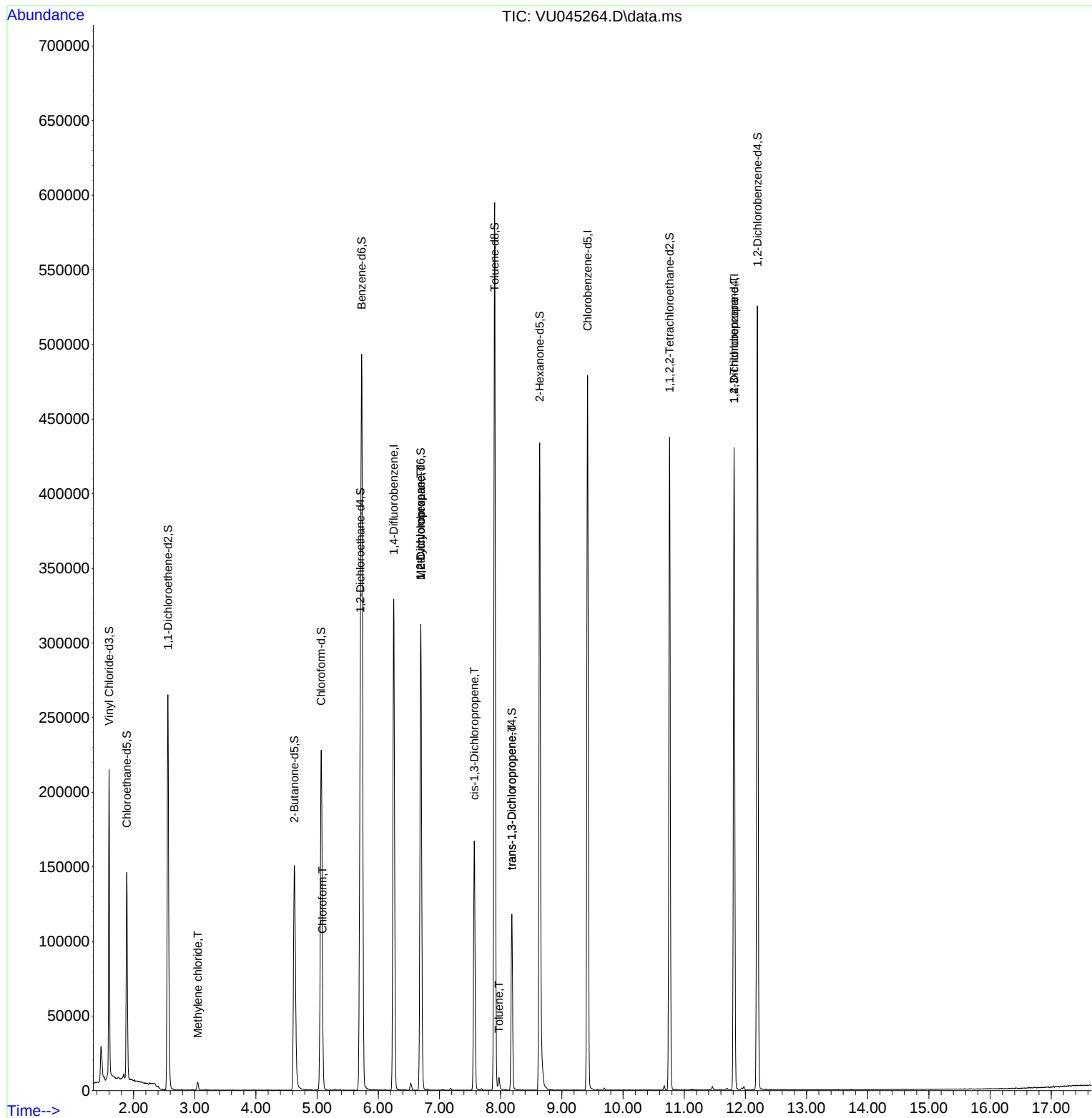
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	253459	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246332	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	105881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	131264	47.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.620%
7) Chloroethane-d5	1.890	69	106235	48.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	2.562	63	162067	34.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.560%
21) 2-Butanone-d5	4.626	46	218040	99.400	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	5.067	84	203897	46.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.707	65	149671	50.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.840%
32) Benzene-d6	5.729	84	436123	51.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.040%
36) 1,2-Dichloropropane-d6	6.694	67	142541	51.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	7.903	98	372501	50.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.182	79	61403	49.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
47) 2-Hexanone-d5	8.636	63	148363	96.057	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	217414	50.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	128863	55.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.840%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.051	84	2675	1.076	ug/L	80
25) Chloroform	5.089	83	4108	0.961	ug/L	99
35) Methylcyclohexane	6.694	83	33409	9.093	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	16169	6.500	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3820	1.073	ug/L #	76
42) Toluene	7.970	91	5677	0.612	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2789	0.824	ug/L	88
60) 1,2,3-Trichloropropane	11.816	75	13981	4.774	ug/L #	67

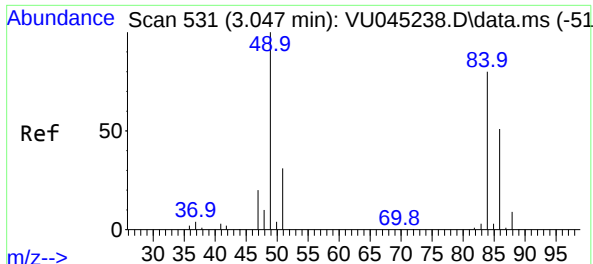
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

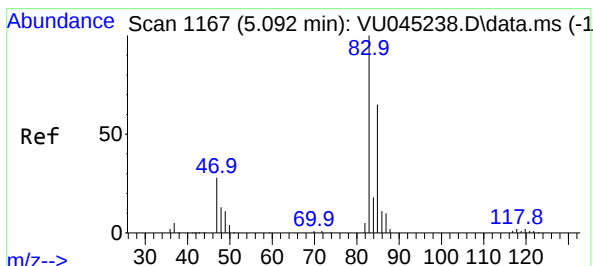
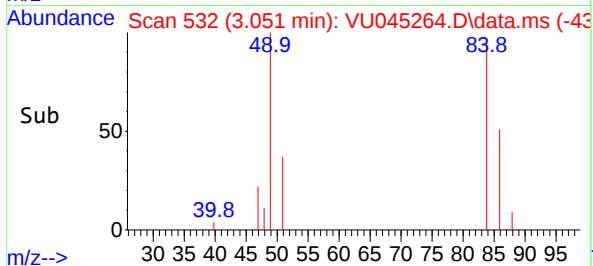
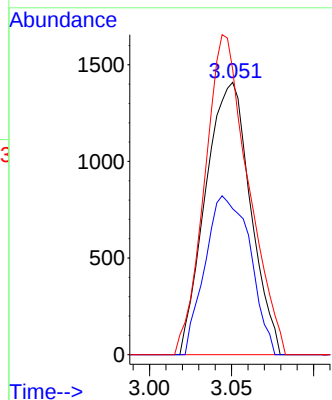
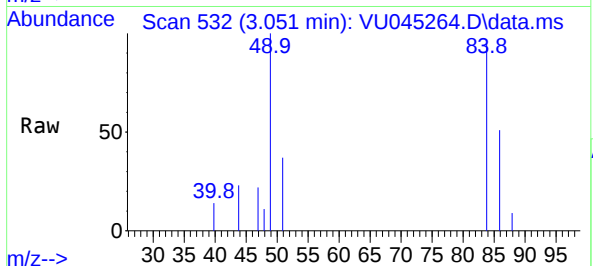




#16
Methylene chloride
Concen: 1.076 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045264.D
Acq: 08 Oct 2021 20:13

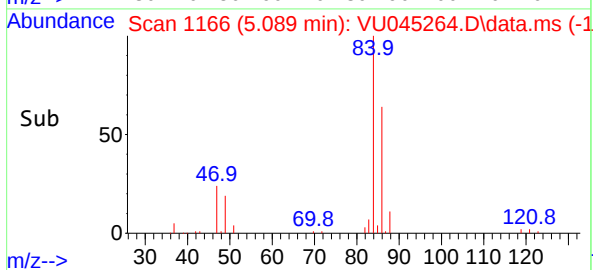
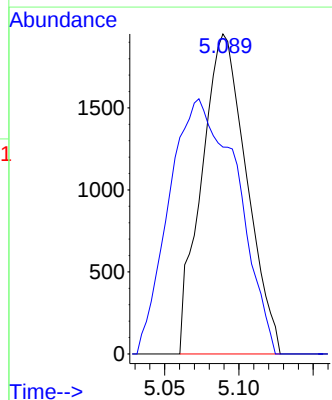
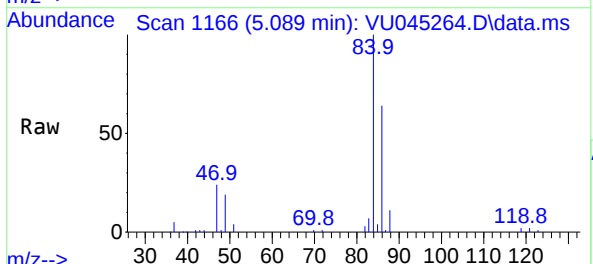
Instrument :
MSVOA_U
ClientSampleId :

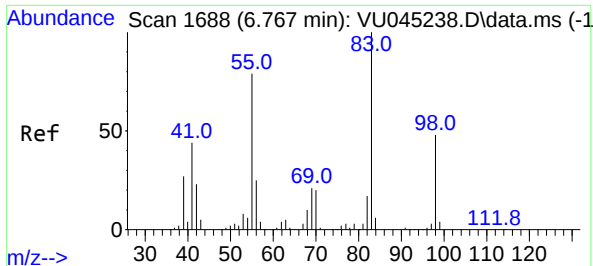
Tgt Ion: 84 Resp: 2675
Ion Ratio Lower Upper
84 100
86 53.6 44.7 83.1
49 104.8 92.9 172.5



#25
Chloroform
Concen: 0.961 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045264.D
Acq: 08 Oct 2021 20:13

Tgt Ion: 83 Resp: 4108
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.6





#35

Methylcyclohexane

Concen: 9.093 ug/L

RT: 6.694 min Scan# 1665

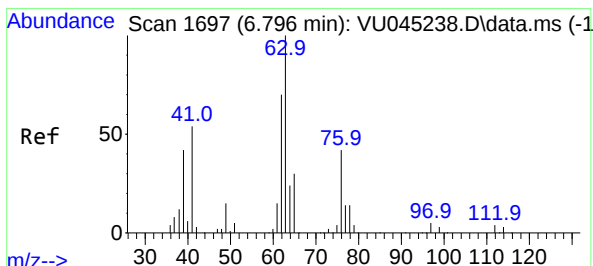
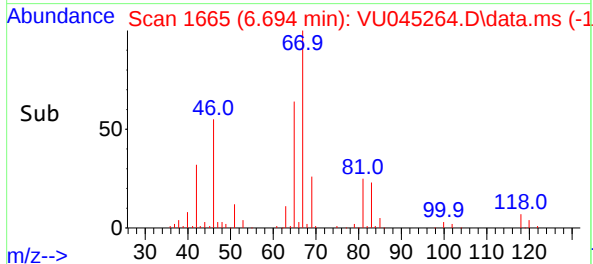
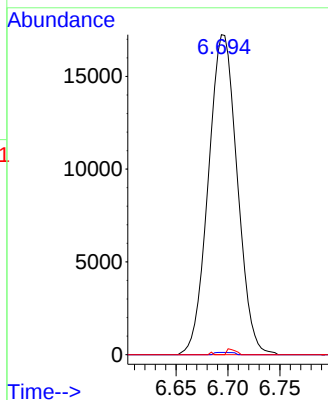
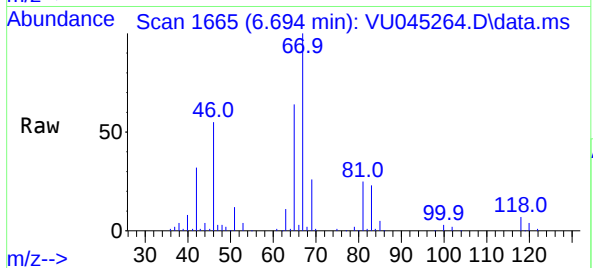
Delta R.T. -0.074 min

Lab File: VU045264.D

Acq: 08 Oct 2021 20:13

Tgt Ion:	83	Resp:	33409
Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.8	98.6#
98	0.6	37.1	55.7#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 6.500 ug/L

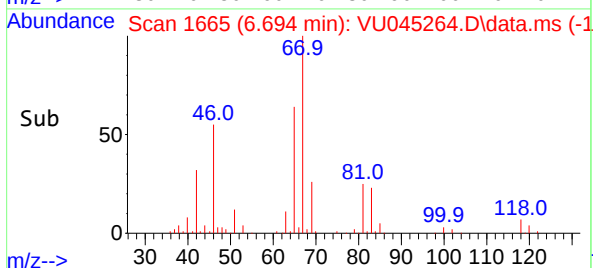
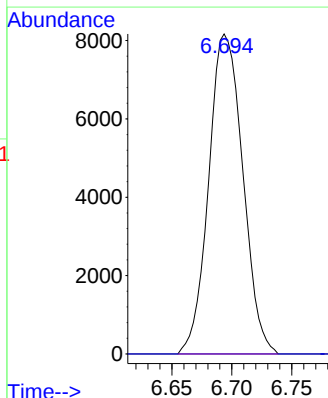
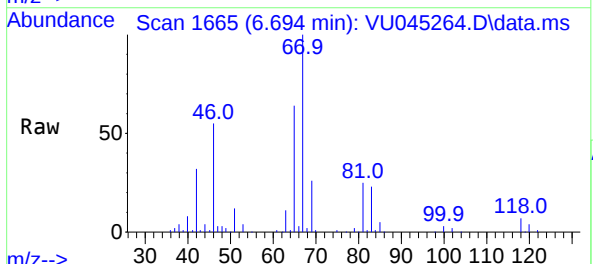
RT: 6.694 min Scan# 1665

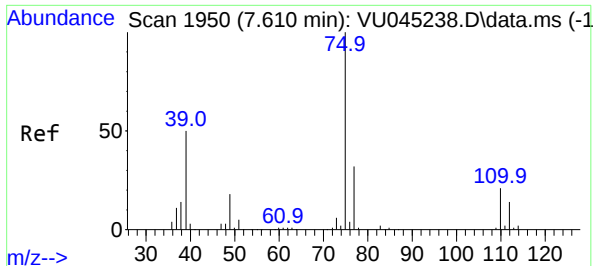
Delta R.T. -0.103 min

Lab File: VU045264.D

Acq: 08 Oct 2021 20:13

Tgt Ion:	63	Resp:	16169
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



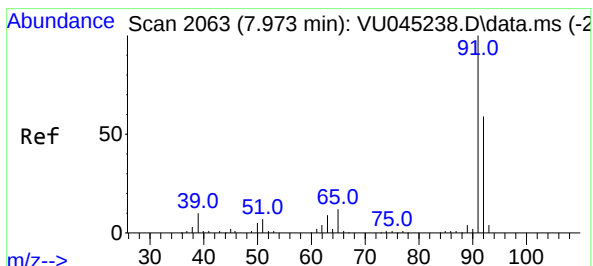
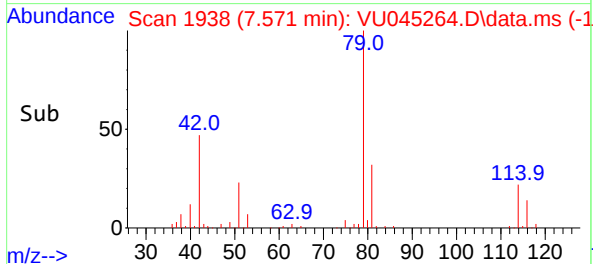
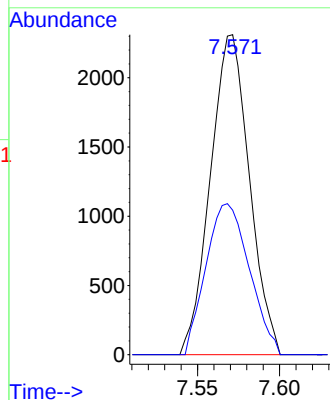
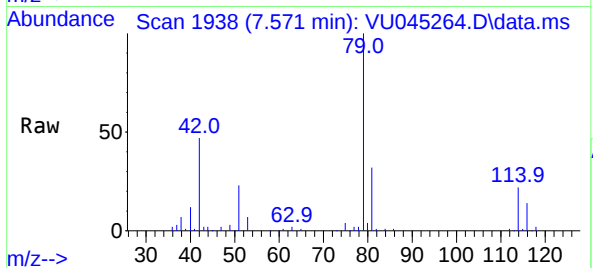


#39

cis-1,3-Dichloropropene
Concen: 1.073 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045264.D
Acq: 08 Oct 2021 20:13

Instrument :
MSVOA_U
ClientSampled :

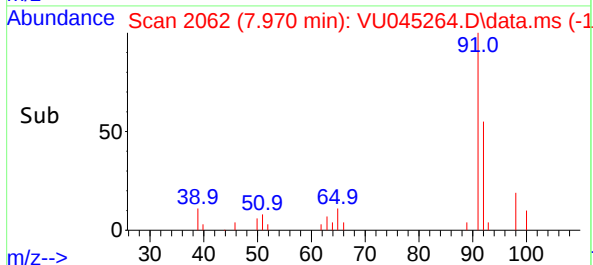
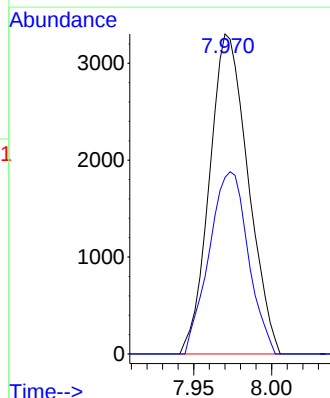
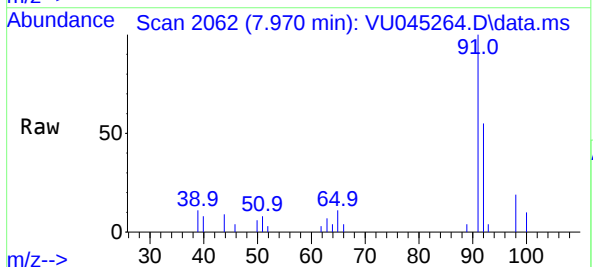
Tgt Ion: 75 Resp: 3820
Ion Ratio Lower Upper
75 100
77 45.2 22.4 41.6#

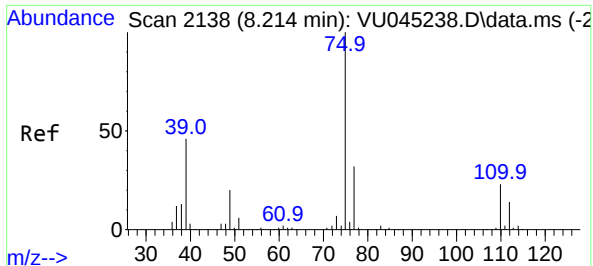


#42

Toluene
Concen: 0.612 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045264.D
Acq: 08 Oct 2021 20:13

Tgt Ion: 91 Resp: 5677
Ion Ratio Lower Upper
91 100
92 55.1 40.5 75.1

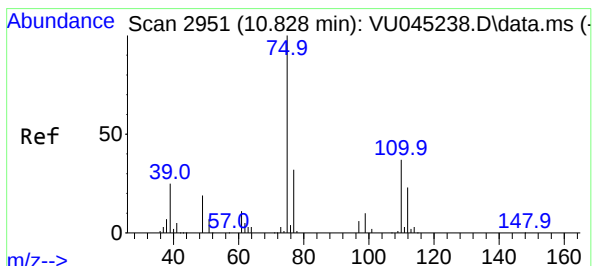
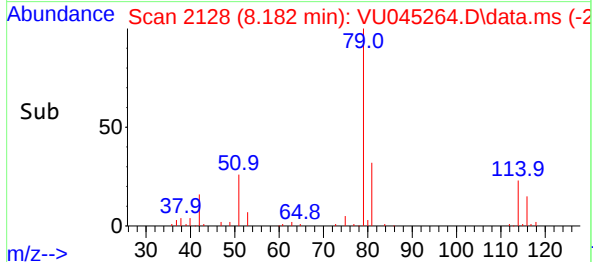
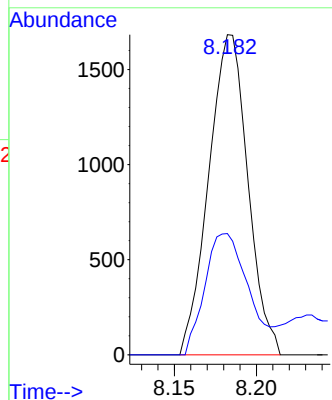
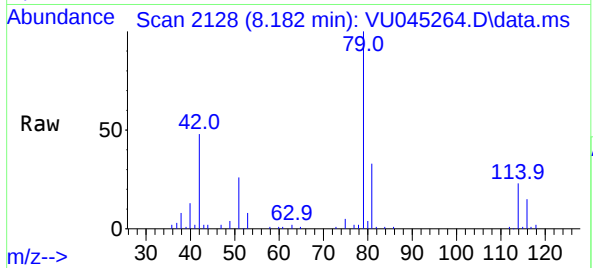




#44
trans-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045264.D
Acq: 08 Oct 2021 20:13

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2789
Ion Ratio Lower Upper
75 100
77 37.8 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.774 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045264.D
Acq: 08 Oct 2021 20:13

Tgt Ion: 75 Resp: 13981
Ion Ratio Lower Upper
75 100
77 34.5 25.5 38.3
110 1.6 29.0 43.4#

