

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044806.D
 Acq On : 24 Sep 2021 12:51
 Operator : SY/MD
 Sample : M3873-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:38:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

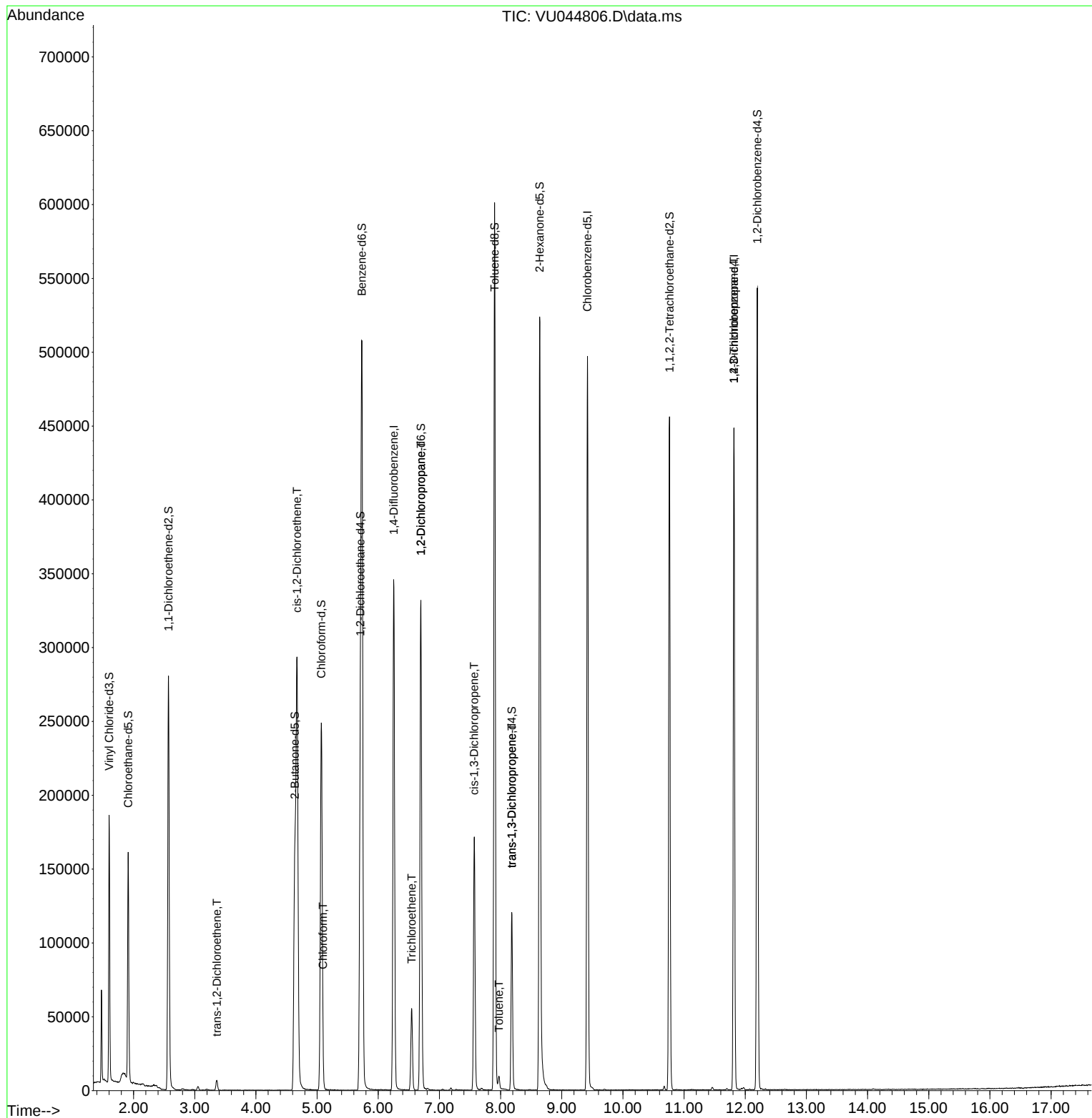
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	264770	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	253812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	109642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	126947	43.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.600%
7) Chloroethane-d5	1.912	69	112818	49.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.240%
11) 1,1-Dichloroethene-d2	2.571	63	170527	35.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.060%
21) 2-Butanone-d5	4.636	46	270898	118.222	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.220%
24) Chloroform-d	5.070	84	224730	49.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
26) 1,2-Dichloroethane-d4	5.706	65	159002	51.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.560%
32) Benzene-d6	5.732	84	449621	51.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.100%
36) 1,2-Dichloropropane-d6	6.697	67	149892	52.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.400%
41) Toluene-d8	7.902	98	374322	49.250	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.500%
43) trans-1,3-Dichloroprop...	8.182	79	63666	49.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.680%
47) 2-Hexanone-d5	8.639	63	182592	114.735	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.730%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224472	50.197	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	132033	55.334	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.660%
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.362	96	2730	1.264	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	129032	54.215	ug/L	98
25) Chloroform	5.096	83	2776	0.621	ug/L	76
34) Trichloroethene	6.546	95	17766	7.857	ug/L	96
37) 1,2-Dichloropropane	6.697	63	17265	6.736	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4225	1.152	ug/L #	67
42) Toluene	7.973	91	5781	0.604	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2897	0.831	ug/L #	62
60) 1,2,3-Trichloropropane	11.816	75	14974	4.938	ug/L #	68

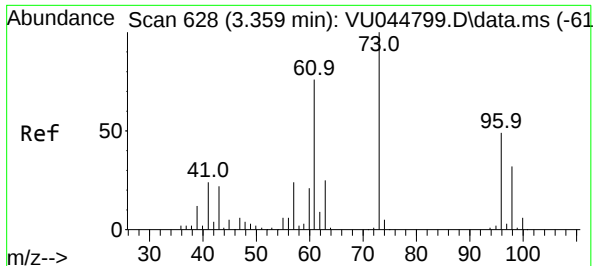
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 25 02:36:00 2021
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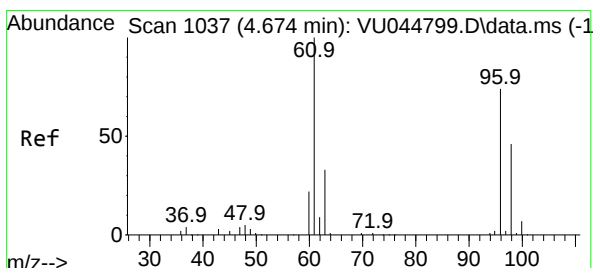
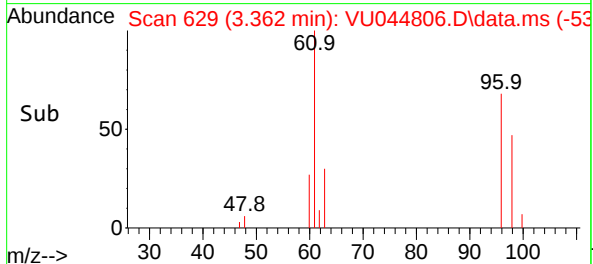
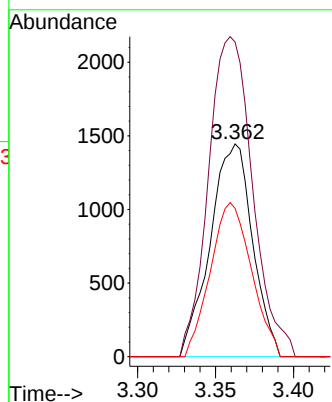
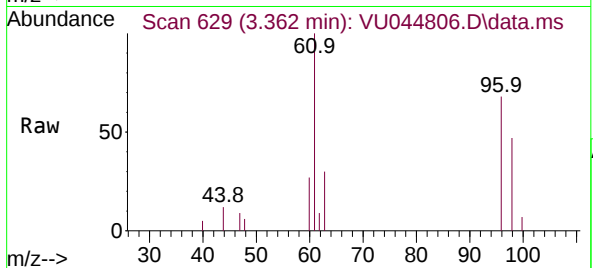


#17

trans-1,2-Dichloroethene
Concen: 1.264 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU044806.D
Acq: 24 Sep 2021 12:51

Instrument :
MSVOA_U
ClientSampled :

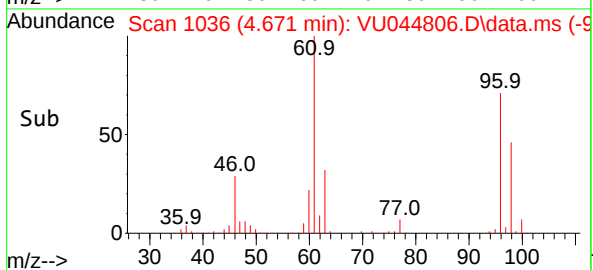
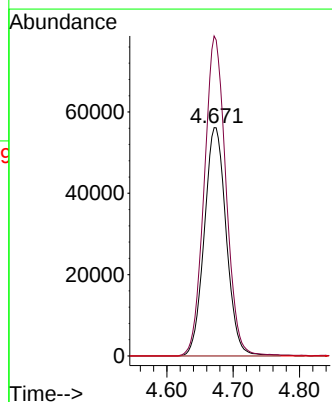
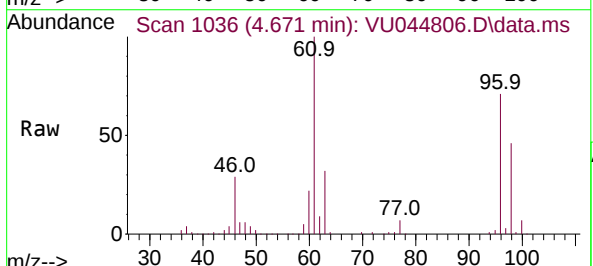
Tgt Ion: 96 Resp: 2730
Ion Ratio Lower Upper
96 100
61 147.9 105.1 195.3
98 69.7 43.0 79.8

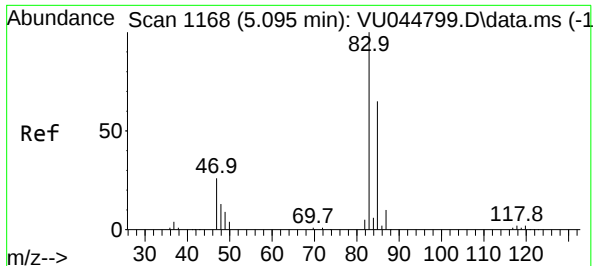


#20

cis-1,2-Dichloroethene
Concen: 54.215 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044806.D
Acq: 24 Sep 2021 12:51

Tgt Ion: 96 Resp: 129032
Ion Ratio Lower Upper
96 100
61 140.2 100.2 186.0
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.621 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044806.D

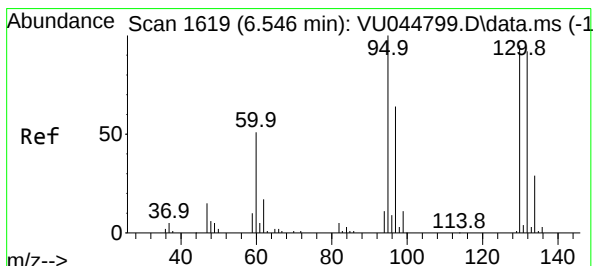
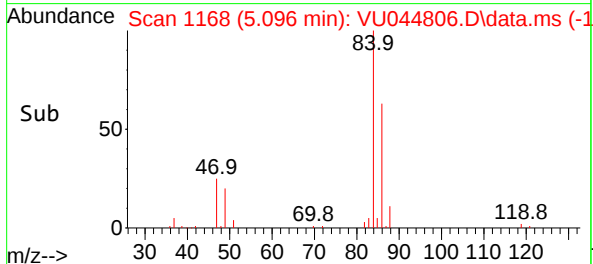
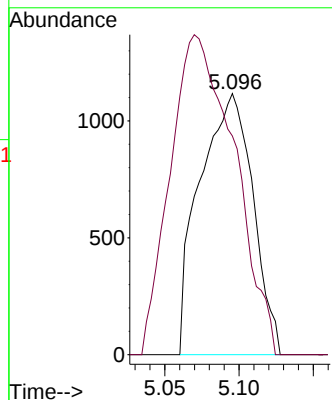
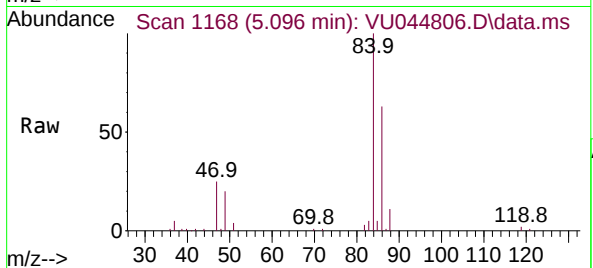
Acq: 24 Sep 2021 12:51

Tgt Ion: 83 Resp: 2776

Ion Ratio Lower Upper

83 100

85 83.8 45.6 84.6



#34

Trichloroethene

Concen: 7.857 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU044806.D

Acq: 24 Sep 2021 12:51

Tgt Ion: 95 Resp: 17766

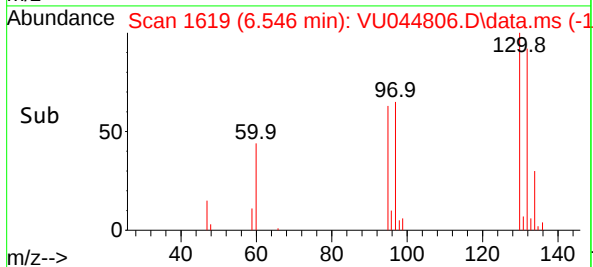
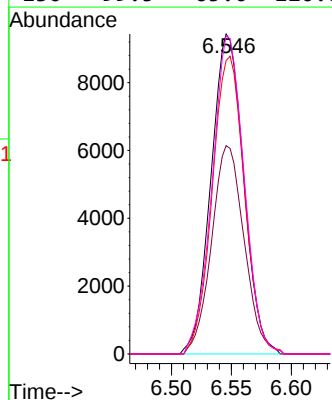
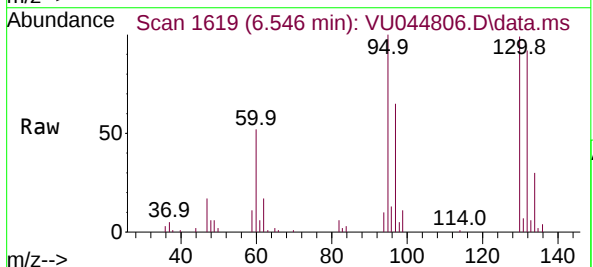
Ion Ratio Lower Upper

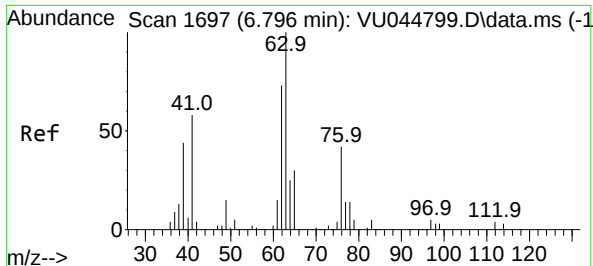
95 100

97 65.1 44.4 82.4

132 91.7 62.9 116.9

130 99.5 65.0 120.8



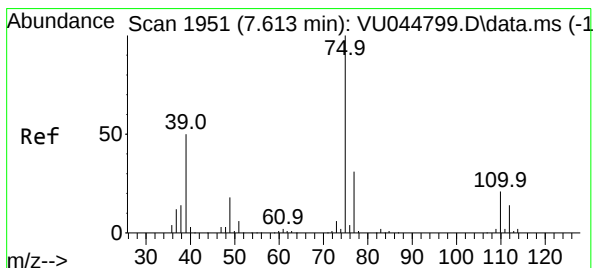
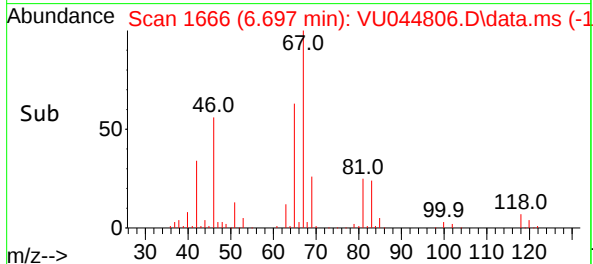
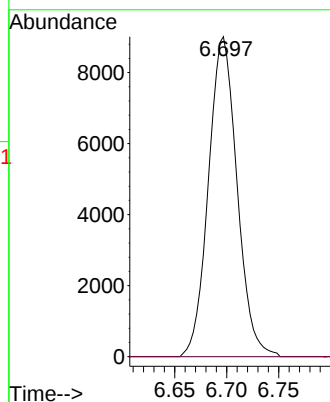
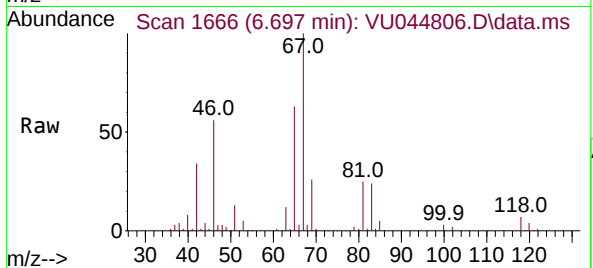


#37

1,2-Dichloropropane
Concen: 6.736 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044806.D
Acq: 24 Sep 2021 12:51

Instrument :
MSVOA_U
ClientSampled :

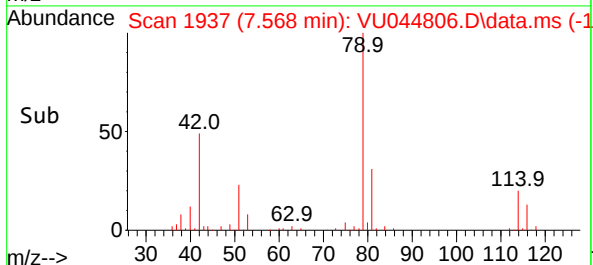
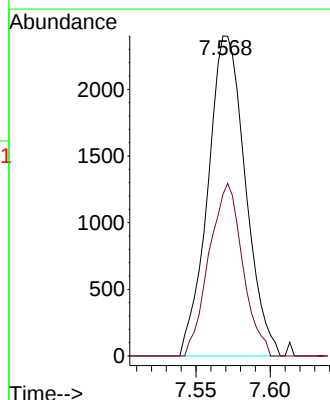
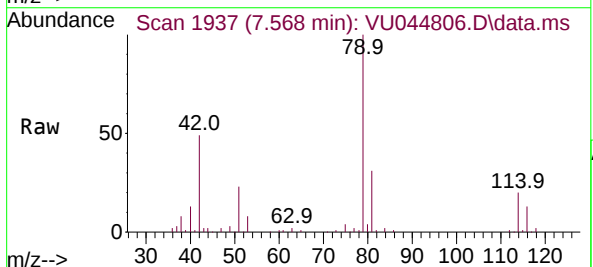
Tgt Ion: 63 Resp: 17265
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

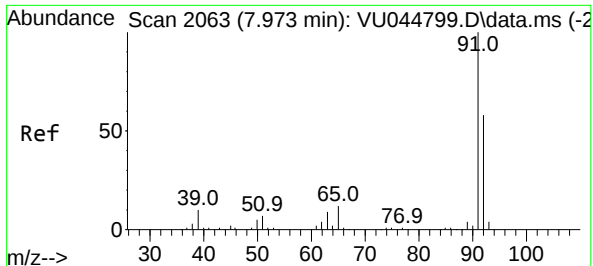


#39

cis-1,3-Dichloropropene
Concen: 1.152 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU044806.D
Acq: 24 Sep 2021 12:51

Tgt Ion: 75 Resp: 4225
Ion Ratio Lower Upper
75 100
77 50.5 22.4 41.6#

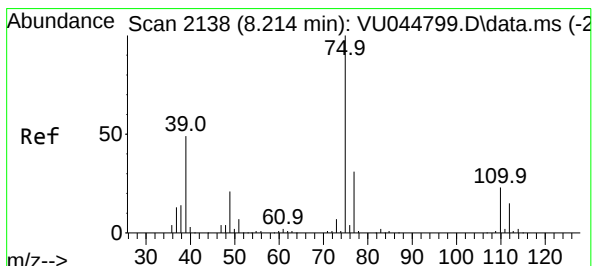
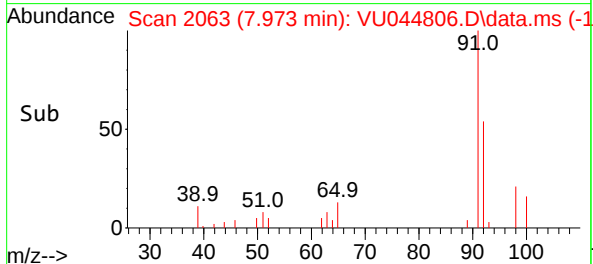
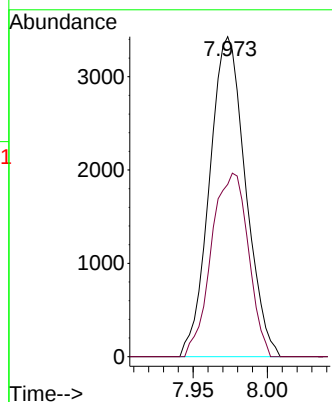
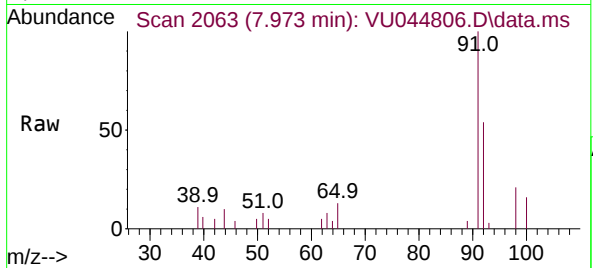




#42
Toluene
Concen: 0.604 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044806.D
Acq: 24 Sep 2021 12:51

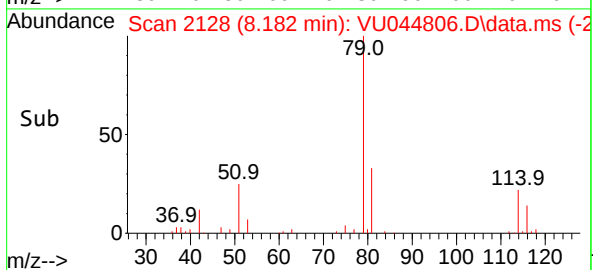
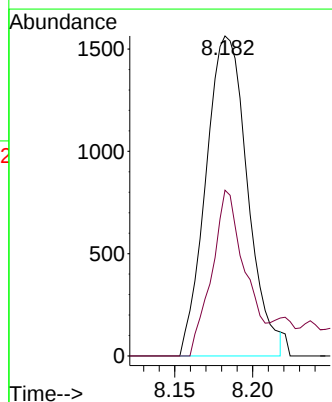
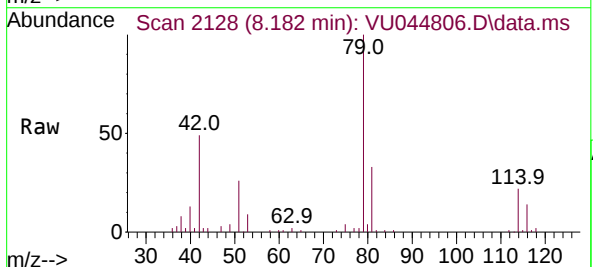
Instrument :
MSVOA_U
ClientSampled :

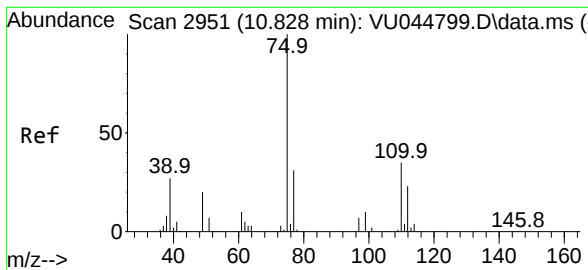
Tgt Ion: 91 Resp: 5781
Ion Ratio Lower Upper
91 100
92 53.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044806.D
Acq: 24 Sep 2021 12:51

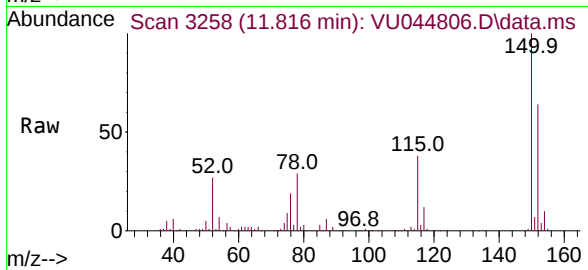
Tgt Ion: 75 Resp: 2897
Ion Ratio Lower Upper
75 100
77 51.8 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.938 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044806.D
 Acq: 24 Sep 2021 12:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14974
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.5	38.3
110	2.1	29.0	43.4#

