

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044810.D
 Acq On : 24 Sep 2021 14:24
 Operator : SY/MD
 Sample : M3873-12DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:39:02 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)

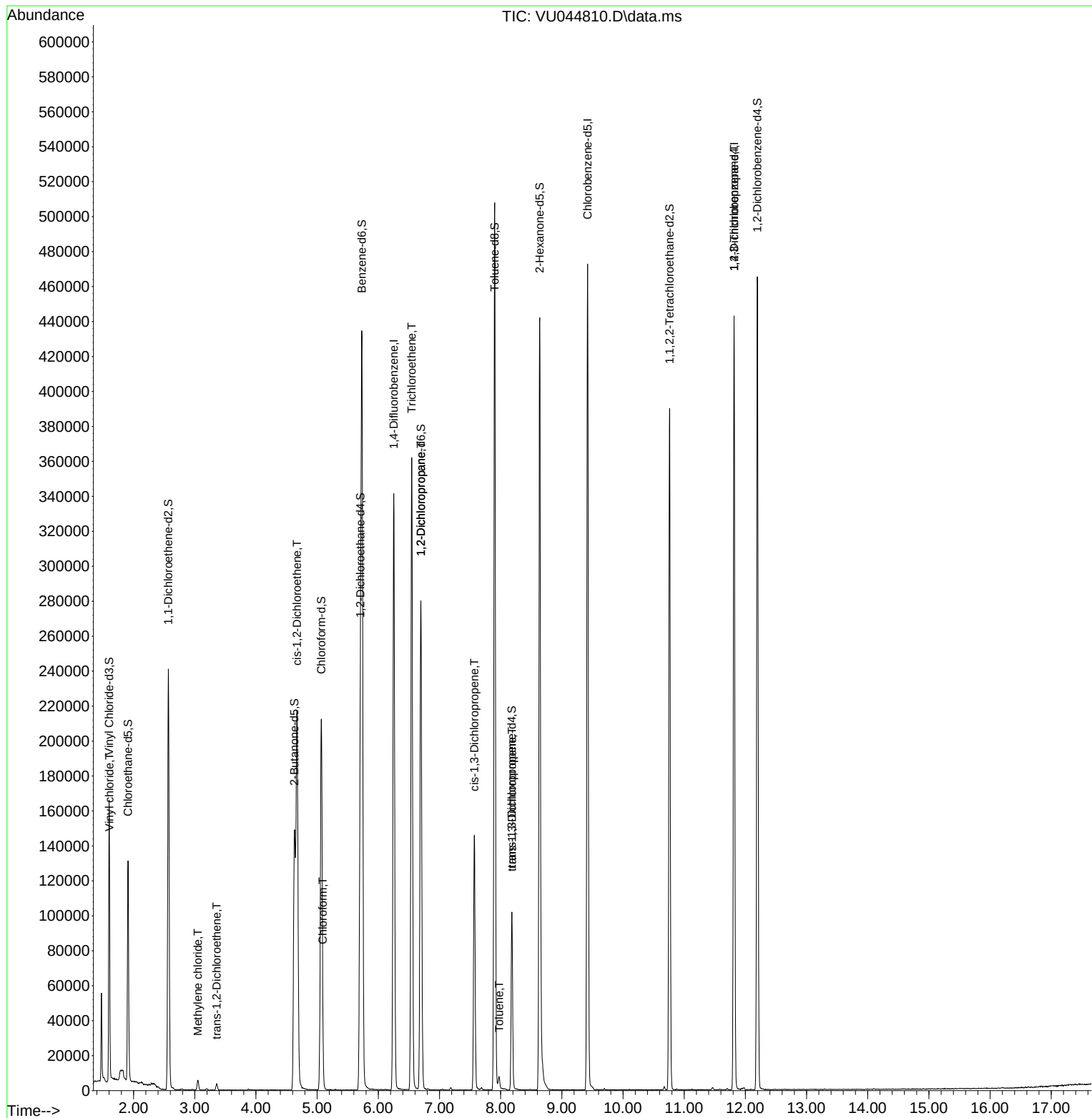
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	258101	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	245797	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	109114	38.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.240%		
7) Chloroethane-d5	1.909	69	93763	41.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.760%		
11) 1,1-Dichloroethene-d2	2.568	63	144556	30.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.940%		
21) 2-Butanone-d5	4.629	46	222342	99.539	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.540%		
24) Chloroform-d	5.070	84	190559	42.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
26) 1,2-Dichloroethane-d4	5.707	65	136424	45.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.260%		
32) Benzene-d6	5.732	84	383594	44.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.940%		
36) 1,2-Dichloropropane-d6	6.697	67	128426	46.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.360%		
41) Toluene-d8	7.903	98	315981	42.930	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.860%		
43) trans-1,3-Dichloroprop...	8.182	79	53623	43.346	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.700%		
47) 2-Hexanone-d5	8.639	63	151131	98.062	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.060%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	191649	44.255	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	113765	48.099	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	4394	1.456	ug/L #	11
16) Methylene chloride	3.051	84	2676	1.057	ug/L	90
17) trans-1,2-Dichloroethene	3.359	96	1461	0.694	ug/L	86
20) cis-1,2-Dichloroethene	4.671	96	102238	44.067	ug/L	98
25) Chloroform	5.092	83	2496	0.573	ug/L	81
34) Trichloroethene	6.546	95	120916	55.221	ug/L	98
37) 1,2-Dichloropropane	6.697	63	14381	5.794	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3344	0.942	ug/L #	63
42) Toluene	7.977	91	4855	0.524	ug/L	95
44) trans-1,3-Dichloropropene	8.186	75	2342	0.694	ug/L	83
60) 1,2,3-Trichloropropane	11.816	75	14668	4.880	ug/L #	69

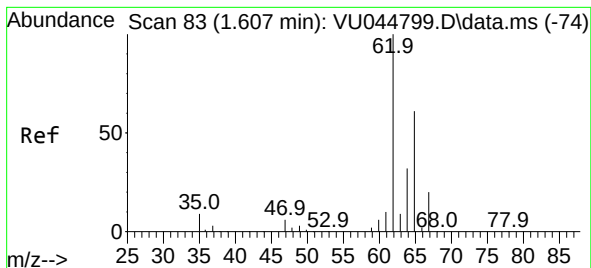
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
Data File : VU044810.D
Acq On : 24 Sep 2021 14:24
Operator : SY/MD
Sample : M3873-12DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 25 02:39:02 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





#5

Vinyl chloride

Concen: 1.456 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044810.D

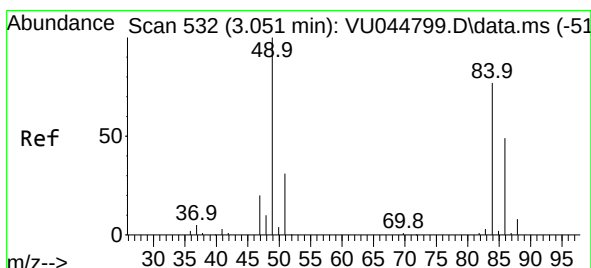
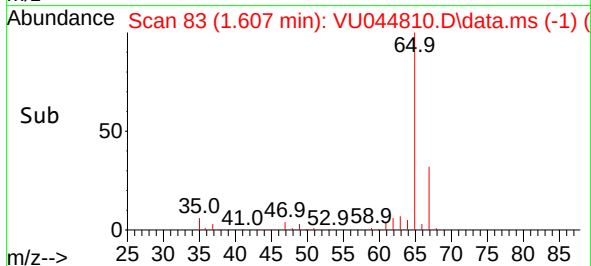
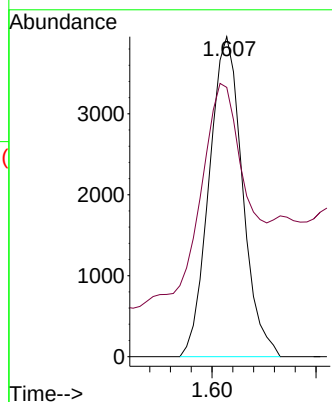
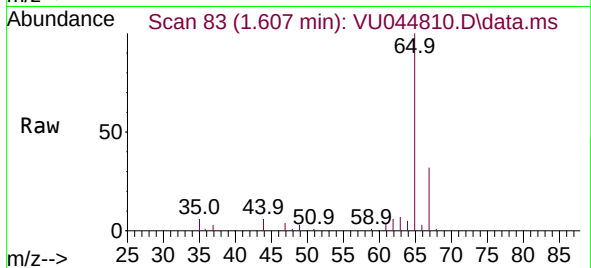
Acq: 24 Sep 2021 14:24

Tgt Ion: 62 Resp: 4394

Ion Ratio Lower Upper

62 100

64 84.2 23.4 43.6#



#16

Methylene chloride

Concen: 1.057 ug/L

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU044810.D

Acq: 24 Sep 2021 14:24

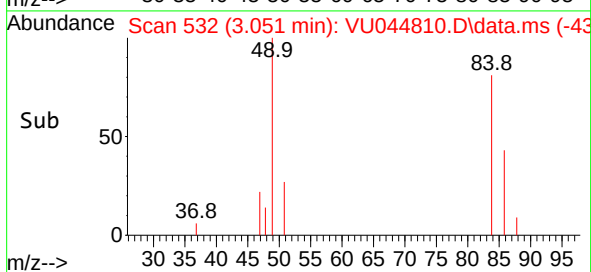
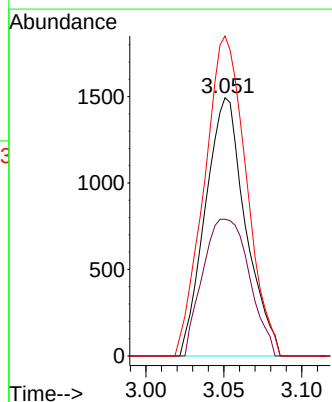
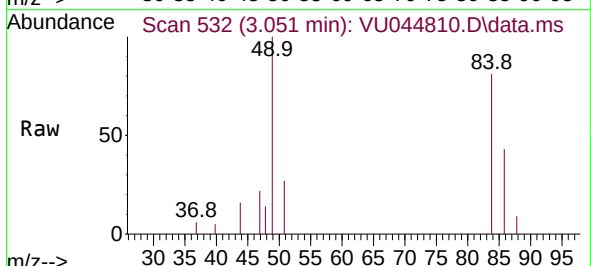
Tgt Ion: 84 Resp: 2676

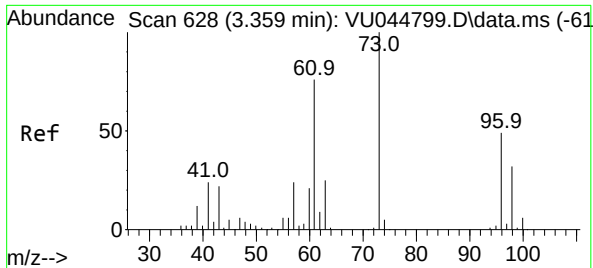
Ion Ratio Lower Upper

84 100

86 52.9 44.7 83.1

49 123.9 92.9 172.5

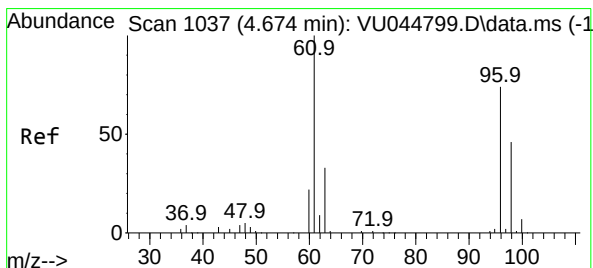
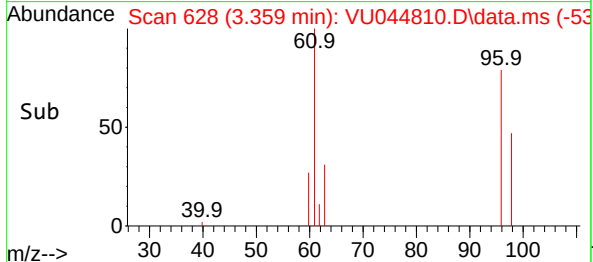
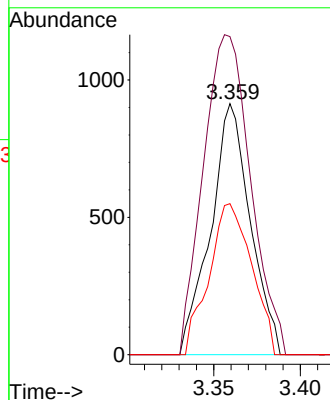
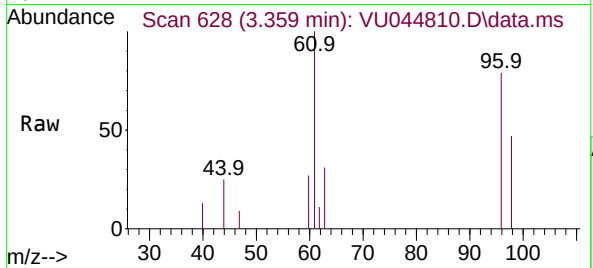




#17
trans-1,2-Dichloroethene
Concen: 0.694 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

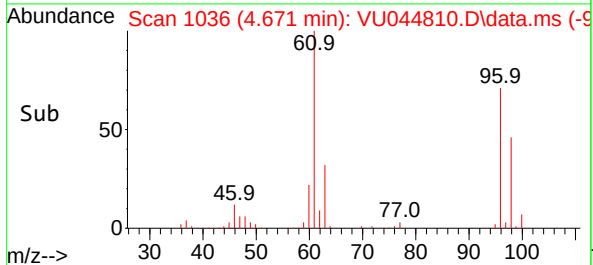
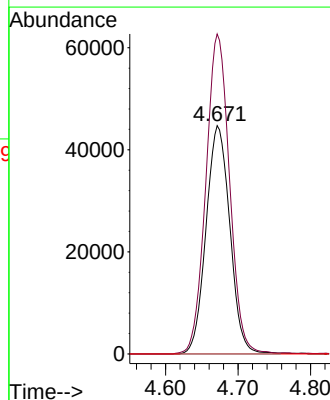
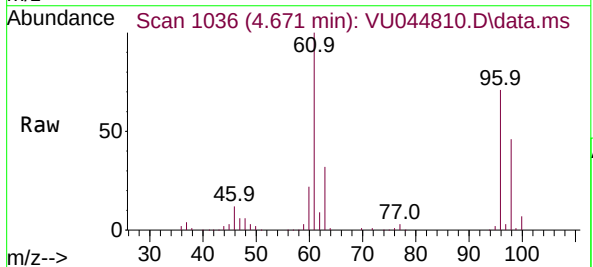
Instrument :
MSVOA_U
ClientSampleId :

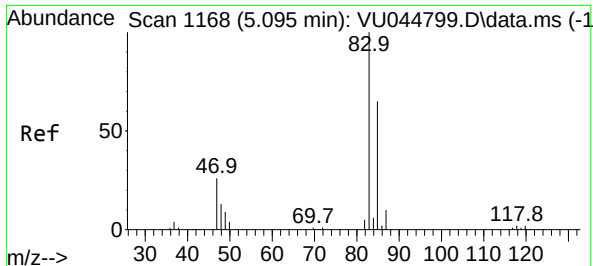
Tgt Ion: 96 Resp: 1461
Ion Ratio Lower Upper
96 100
61 126.7 105.1 195.3
98 60.2 43.0 79.8



#20
cis-1,2-Dichloroethene
Concen: 44.067 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

Tgt Ion: 96 Resp: 102238
Ion Ratio Lower Upper
96 100
61 140.1 100.2 186.0
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.573 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU044810.D

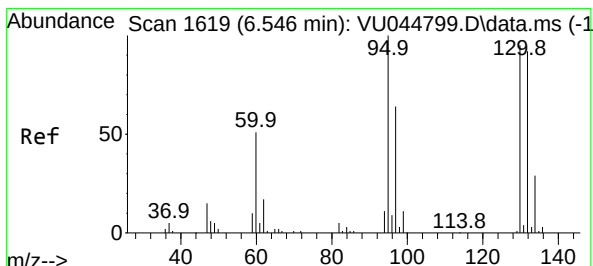
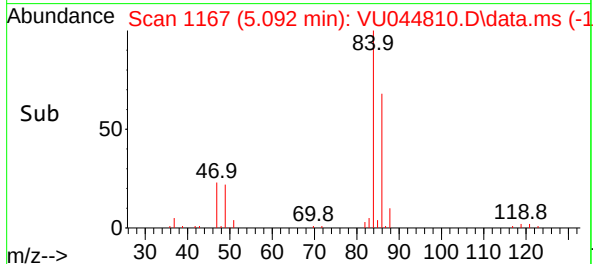
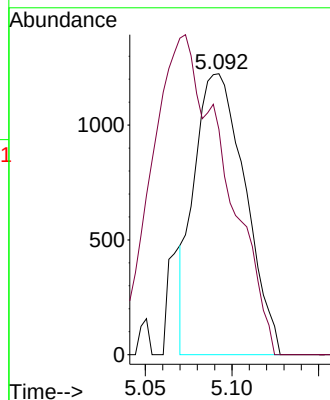
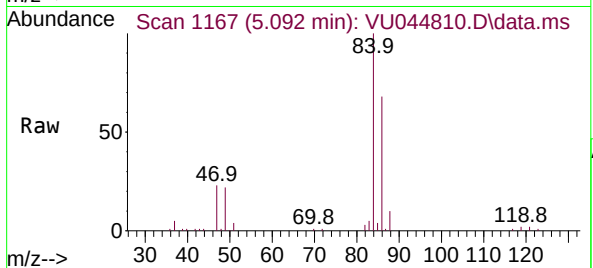
Acq: 24 Sep 2021 14:24

Tgt Ion: 83 Resp: 2496

Ion Ratio Lower Upper

83 100

85 80.1 45.6 84.6



#34

Trichloroethene

Concen: 55.221 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU044810.D

Acq: 24 Sep 2021 14:24

Tgt Ion: 95 Resp: 120916

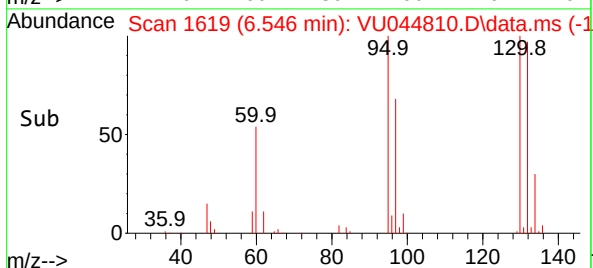
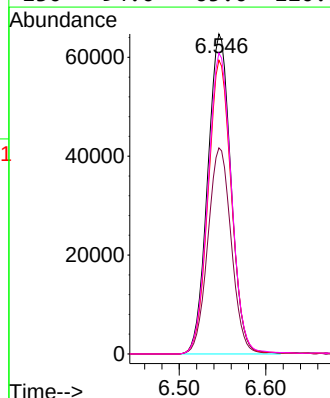
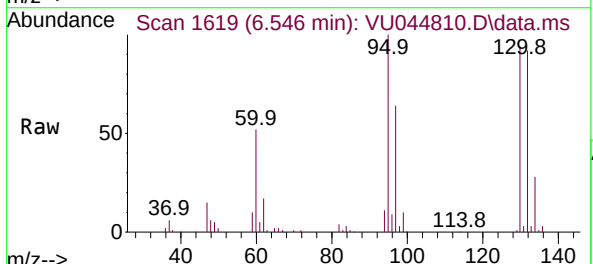
Ion Ratio Lower Upper

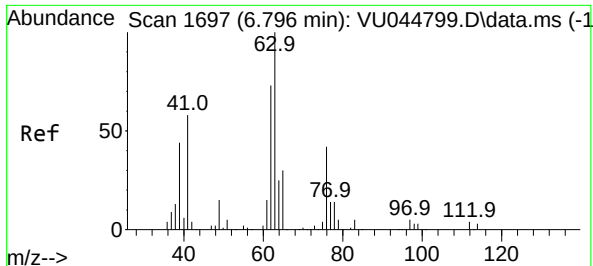
95 100

97 64.4 44.4 82.4

132 91.8 62.9 116.9

130 94.0 65.0 120.8



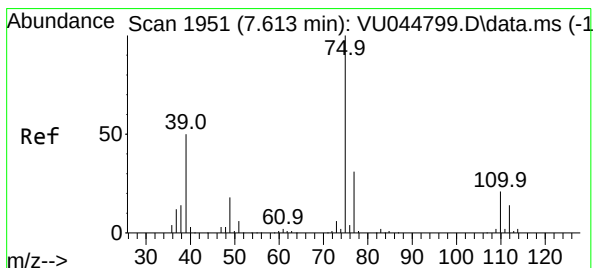
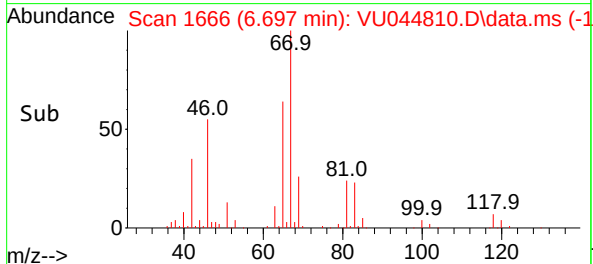
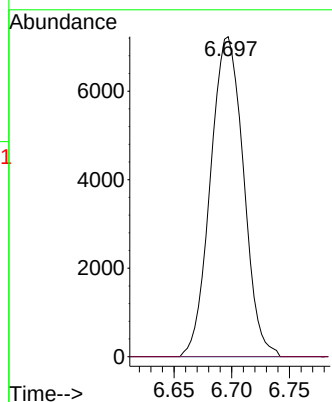
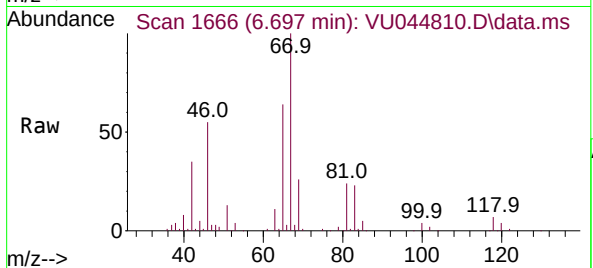


#37

1,2-Dichloropropane
Concen: 5.794 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.099 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

Instrument :
MSVOA_U
ClientSampled :

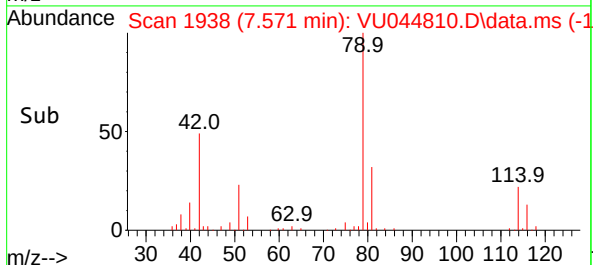
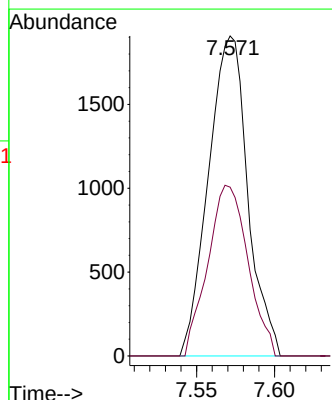
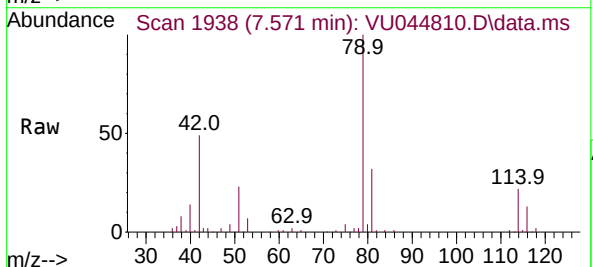
Tgt Ion: 63 Resp: 14381
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

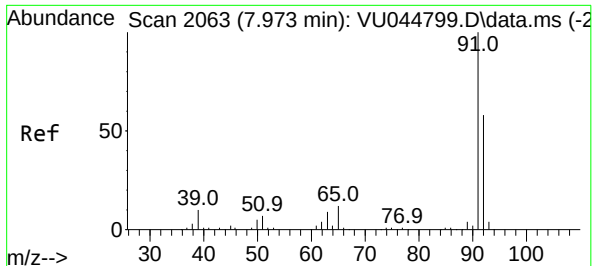


#39

cis-1,3-Dichloropropene
Concen: 0.942 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

Tgt Ion: 75 Resp: 3344
Ion Ratio Lower Upper
75 100
77 52.8 22.4 41.6#

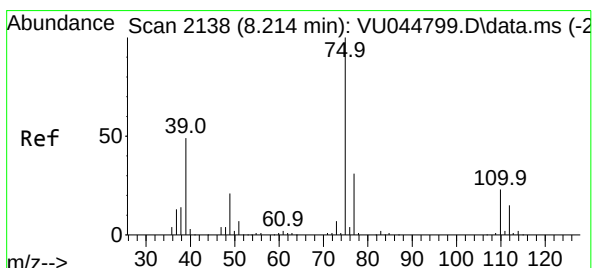
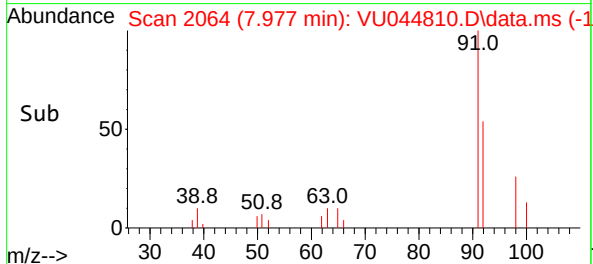
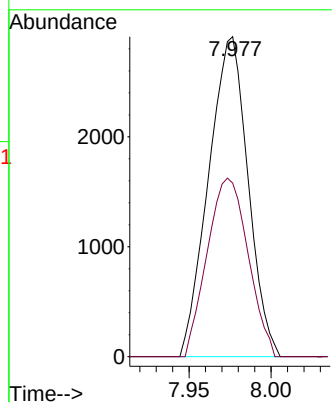
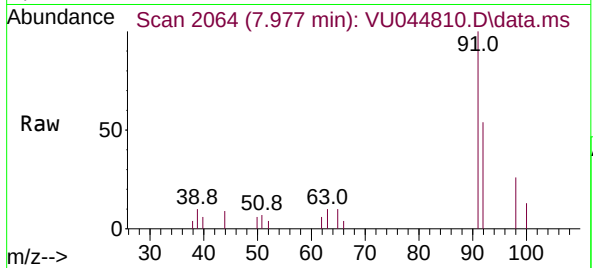




#42
Toluene
Concen: 0.524 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

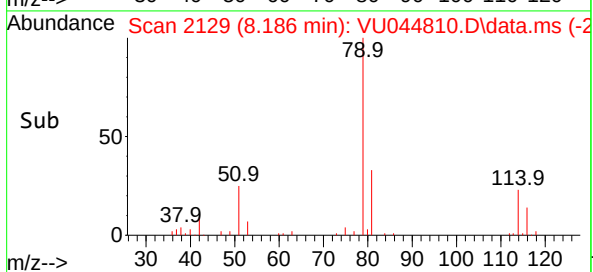
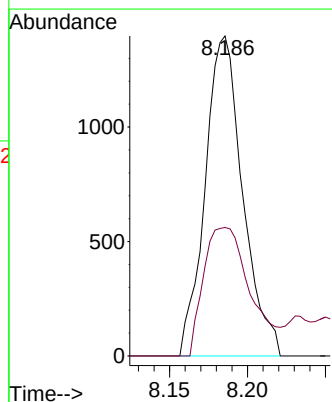
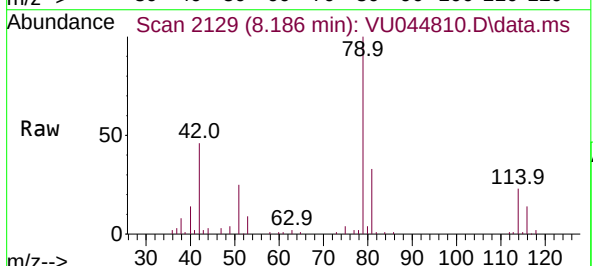
Instrument :
MSVOA_U
ClientSampled :

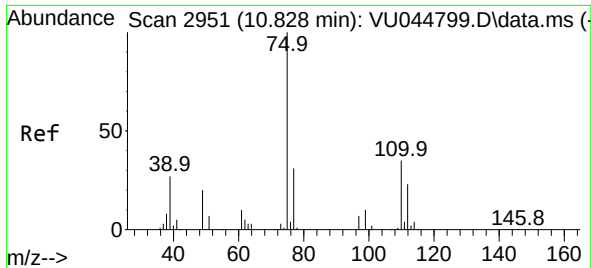
Tgt Ion: 91 Resp: 4855
Ion Ratio Lower Upper
91 100
92 54.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044810.D
Acq: 24 Sep 2021 14:24

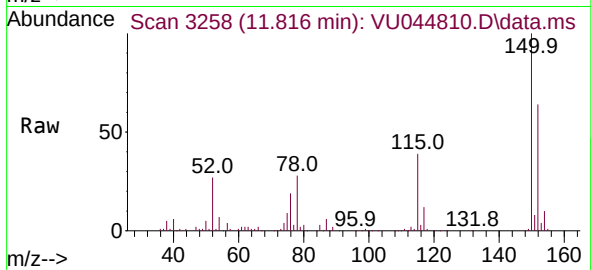
Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
77 40.1 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.880 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044810.D
 Acq: 24 Sep 2021 14:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14668
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3
110	2.3	29.0	43.4#

