

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044801.D
 Acq On : 24 Sep 2021 10:41
 Operator : SY/MD
 Sample : VV0924WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:37:18 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)

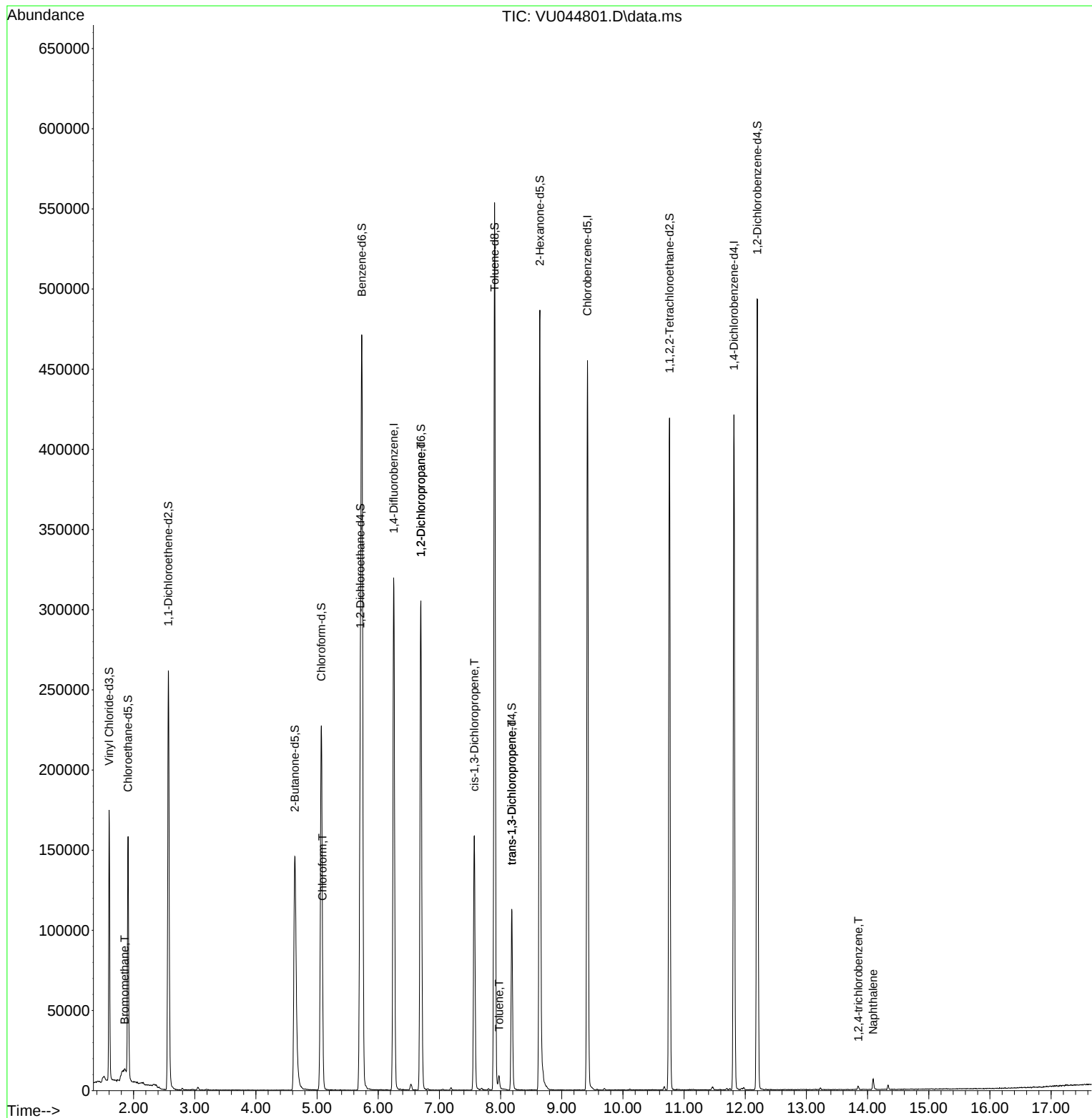
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	244124	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	235266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	101740	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120155	44.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.920%
7) Chloroethane-d5	1.909	69	106974	50.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.020%
11) 1,1-Dichloroethene-d2	2.568	63	159458	35.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.060%
21) 2-Butanone-d5	4.636	46	250447	118.540	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.540%
24) Chloroform-d	5.070	84	202663	48.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
26) 1,2-Dichloroethane-d4	5.706	65	146868	51.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.740%
32) Benzene-d6	5.732	84	418256	51.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.460%
36) 1,2-Dichloropropane-d6	6.697	67	138192	51.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.820%
41) Toluene-d8	7.902	98	345761	49.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	8.182	79	57646	48.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.360%
47) 2-Hexanone-d5	8.642	63	166367	112.780	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206784	49.887	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.780%
66) 1,2-Dichlorobenzene-d4	12.198	152	119743	54.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.160%
Target Compounds						Qvalue
6) Bromomethane	1.854	94	935	0.683	ug/L	90
25) Chloroform	5.089	83	3325	0.807	ug/L	85
37) 1,2-Dichloropropane	6.697	63	15325	6.450	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3817	1.123	ug/L #	63
42) Toluene	7.976	91	5506	0.621	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2810	0.869	ug/L	93
70) 1,2,4-trichlorobenzene	13.848	180	893	0.450	ug/L #	84
71) Naphthalene	14.092	128	5788	0.842	ug/L	97

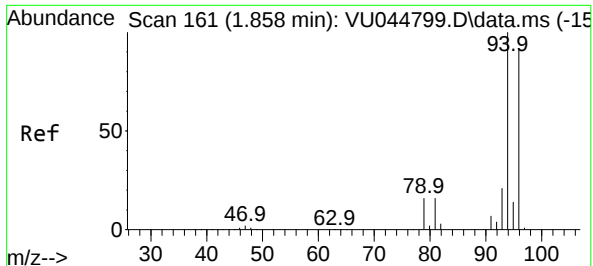
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 25 02:37:18 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

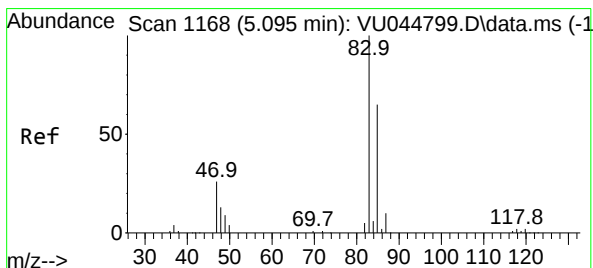
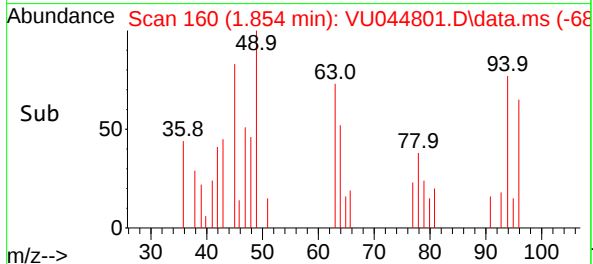
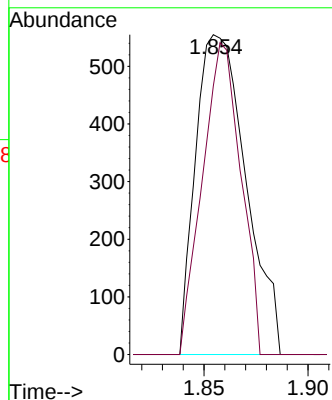
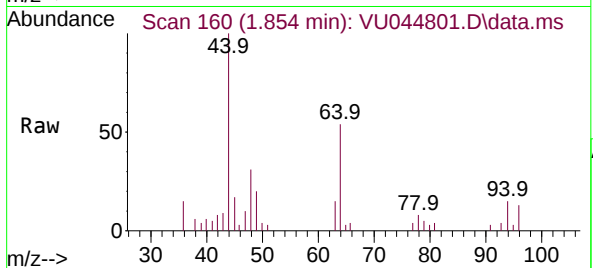




#6
Bromomethane
Concen: 0.683 ug/L
RT: 1.854 min Scan# 160
Delta R.T. -0.003 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

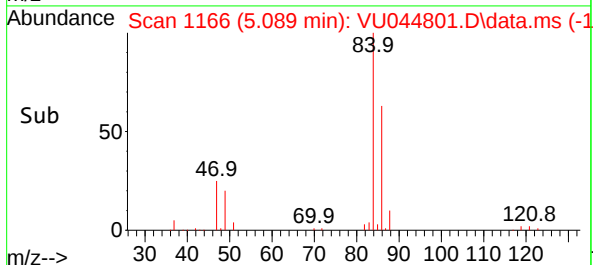
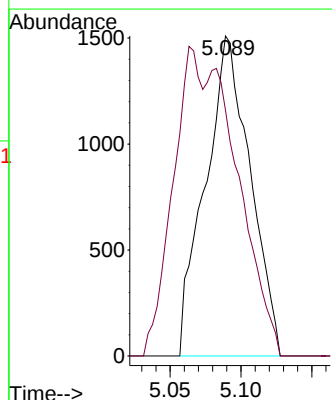
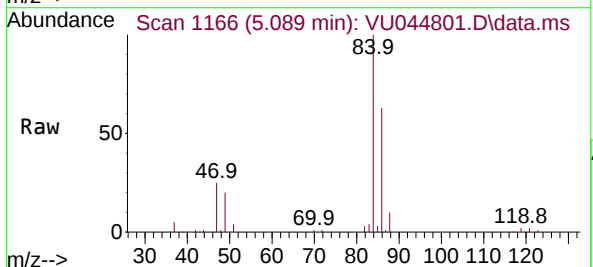
Instrument :
MSVOA_U
ClientSampled :

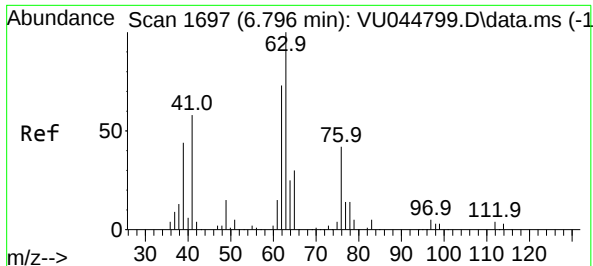
Tgt Ion: 94 Resp: 935
Ion Ratio Lower Upper
94 100
96 84.0 65.7 121.9



#25
Chloroform
Concen: 0.807 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

Tgt Ion: 83 Resp: 3325
Ion Ratio Lower Upper
83 100
85 76.8 45.6 84.6



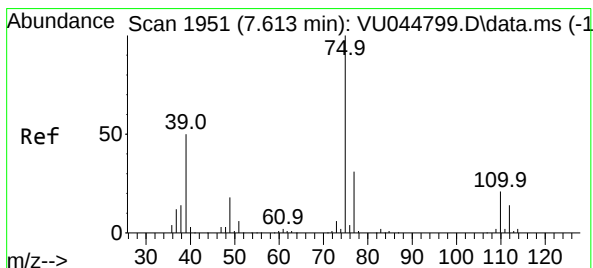
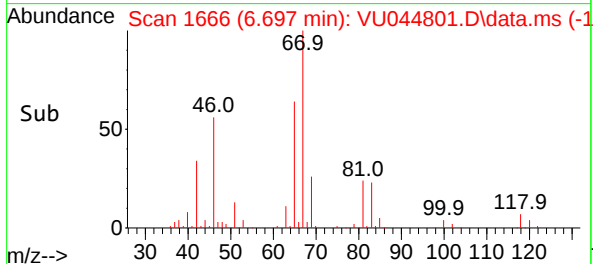
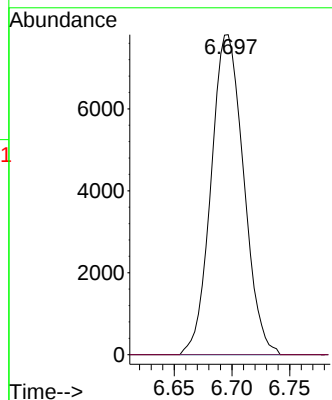
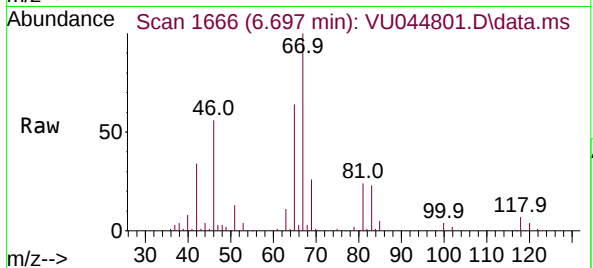


#37

1,2-Dichloropropane
Concen: 6.450 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

Instrument :
MSVOA_U
ClientSampled :

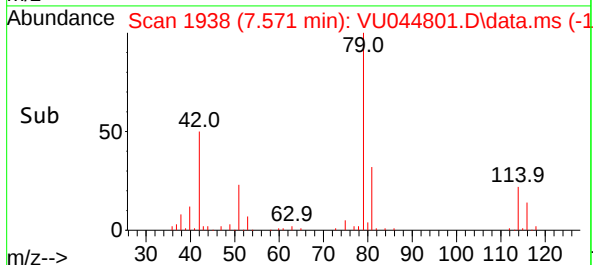
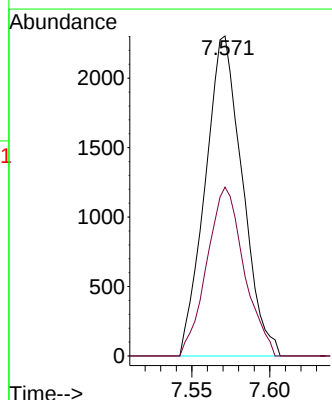
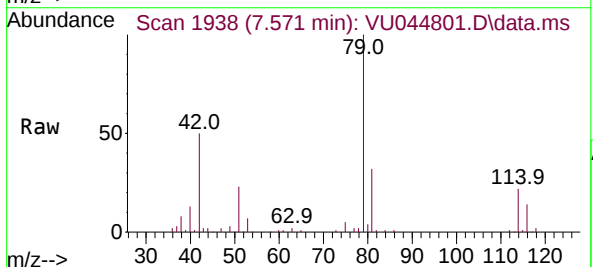
Tgt Ion: 63 Resp: 15325
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

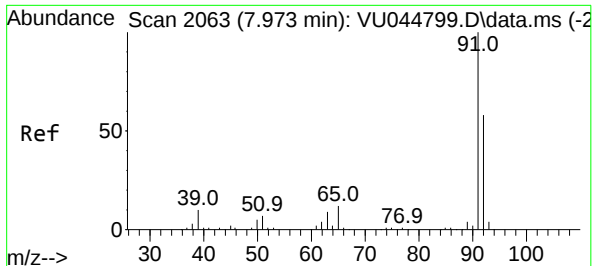


#39

cis-1,3-Dichloropropene
Concen: 1.123 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

Tgt Ion: 75 Resp: 3817
Ion Ratio Lower Upper
75 100
77 52.7 22.4 41.6#

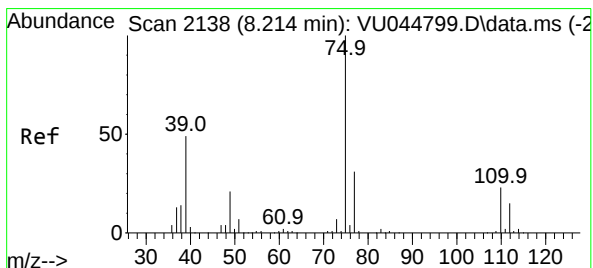
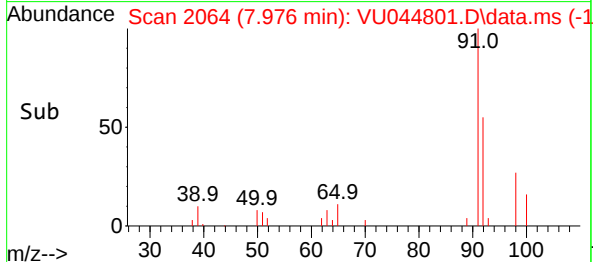
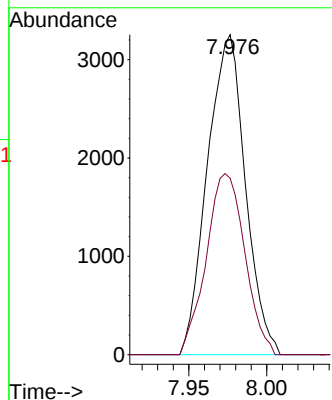
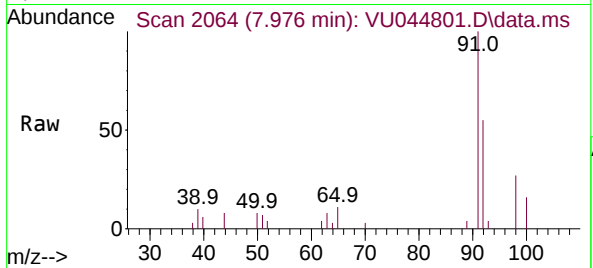




#42
Toluene
Concen: 0.621 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

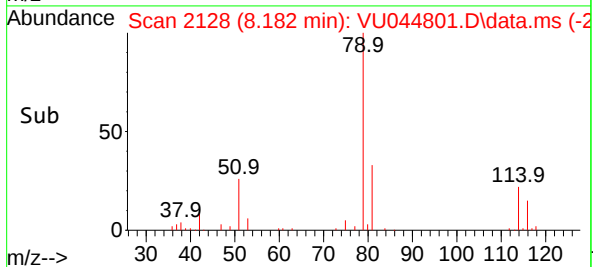
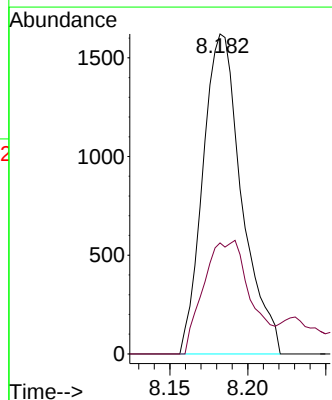
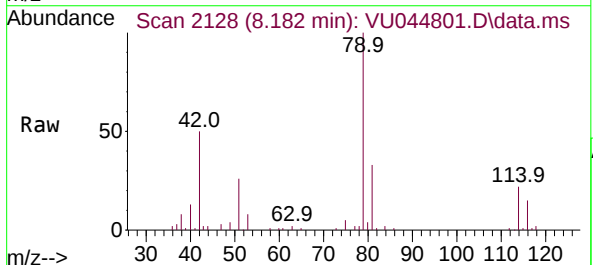
Instrument :
MSVOA_U
ClientSampled :

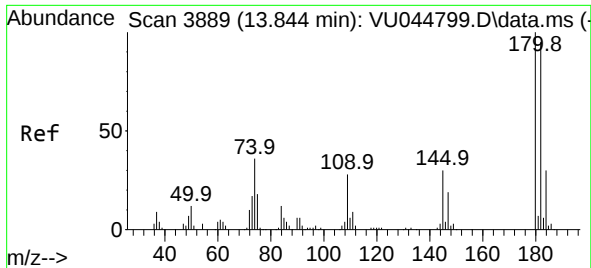
Tgt Ion: 91 Resp: 5506
Ion Ratio Lower Upper
91 100
92 55.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

Tgt Ion: 75 Resp: 2810
Ion Ratio Lower Upper
75 100
77 34.7 21.7 40.3

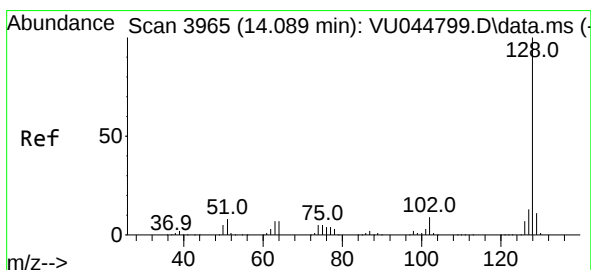
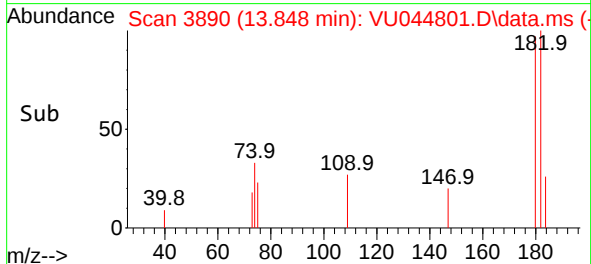
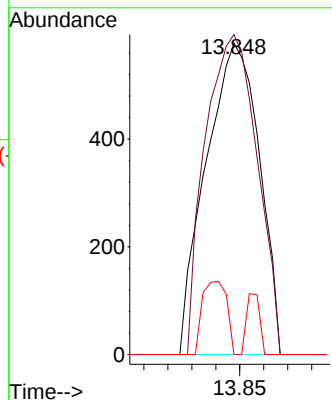
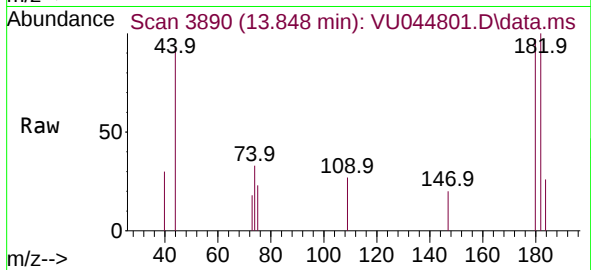




#70
1,2,4-trichlorobenzene
Concen: 0.450 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:180 Resp: 893
Ion Ratio Lower Upper
180 100
182 99.8 76.2 114.2
145 4.8 25.4 38.0#



#71
Naphthalene
Concen: 0.842 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044801.D
Acq: 24 Sep 2021 10:41

Tgt Ion:128 Resp: 5788
Ion Ratio Lower Upper
128 100
127 11.3 10.4 15.6
129 10.8 8.8 13.2

