

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047934.D
 Acq On : 12 Apr 2022 02:28
 Operator : SY/MD
 Sample : N2293-18ME
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:07:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

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

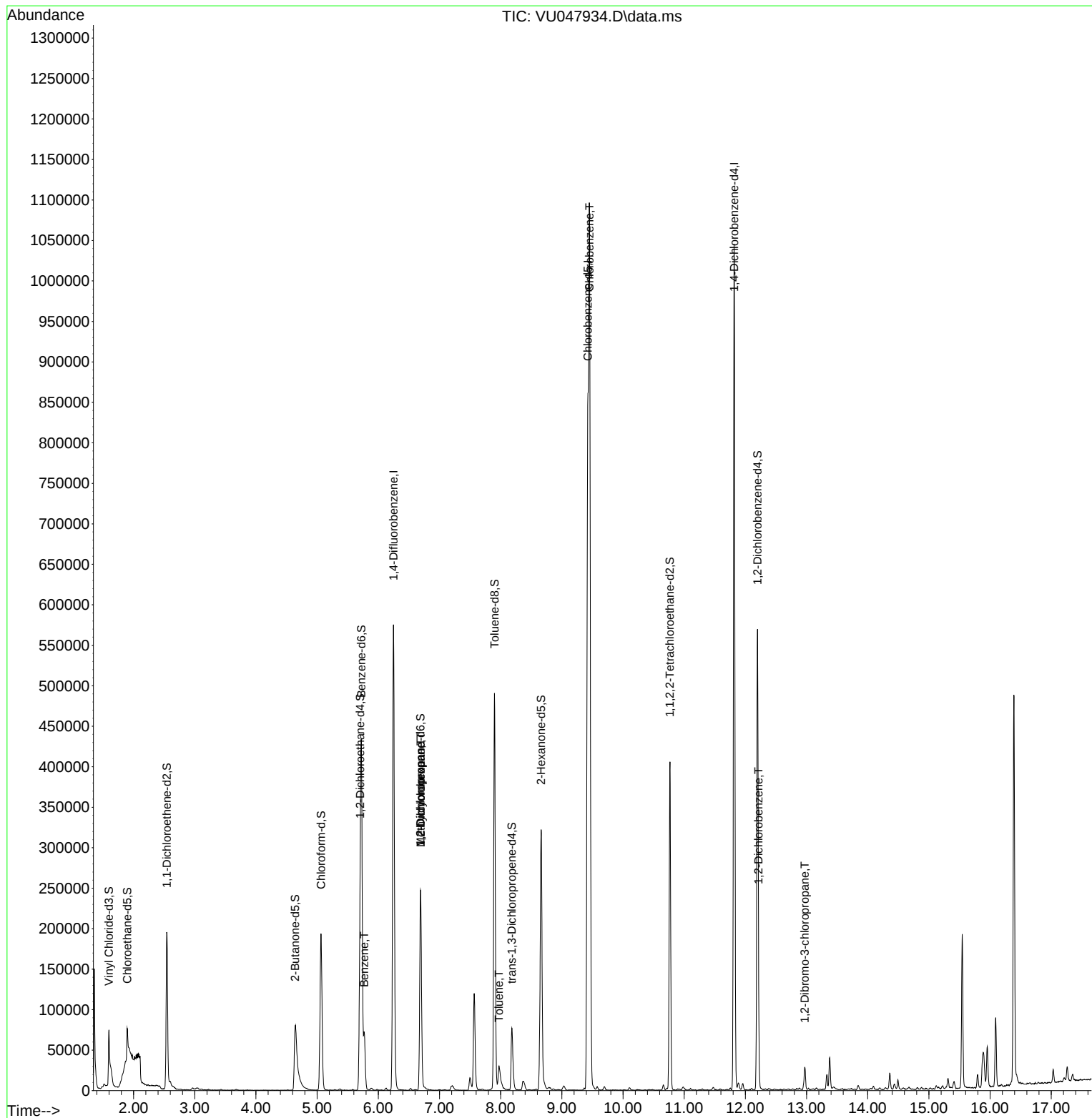
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	518576	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	536853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	291861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90169	23.978	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	47.960%#	
7) Chloroethane-d5	1.896	69	37006	12.480	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	24.960%#	
11) 1,1-Dichloroethene-d2	2.543	63	124588	18.108	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	36.220%#	
21) 2-Butanone-d5	4.642	46	185145	57.360	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	57.360%	
24) Chloroform-d	5.063	84	188837	27.444	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	54.880%#	
26) 1,2-Dichloroethane-d4	5.703	65	125118	29.648	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	59.300%#	
32) Benzene-d6	5.722	84	385499	28.537	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	57.080%#	
36) 1,2-Dichloropropane-d6	6.690	67	127350	30.697	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	61.400%#	
41) Toluene-d8	7.899	98	344295	26.159	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	52.320%#	
43) trans-1,3-Dichloroprop...	8.182	79	52715	25.081	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	50.160%#	
47) 2-Hexanone-d5	8.661	63	138447	57.006	ug/L	0.03
Spiked Amount	100.000	Range 45 - 130	Recovery	=	57.010%	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	197378	27.722	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	55.440%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	154324	29.721	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	59.440%#	
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	70891	4.562	ug/L	100
35) Methylcyclohexane	6.694	83	29713	4.794	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	12808	3.242	ug/L #	87
42) Toluene	7.970	91	19474	1.142	ug/L	95
51) Chlorobenzene	9.452	112	633673	54.735	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	9428	1.075	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.970	75	4687	2.659	ug/L #	1

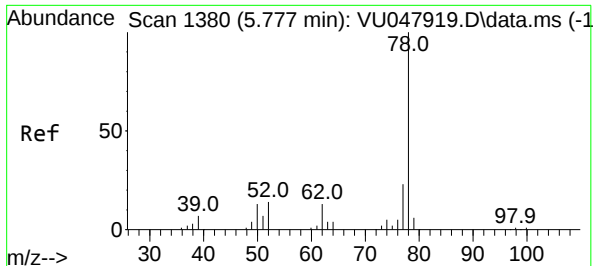
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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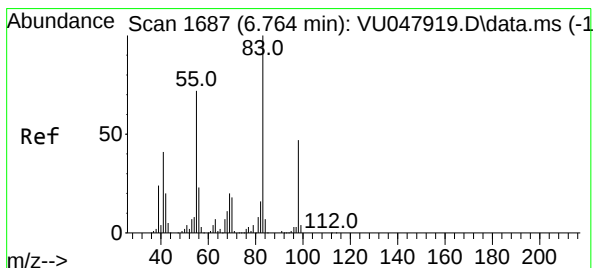
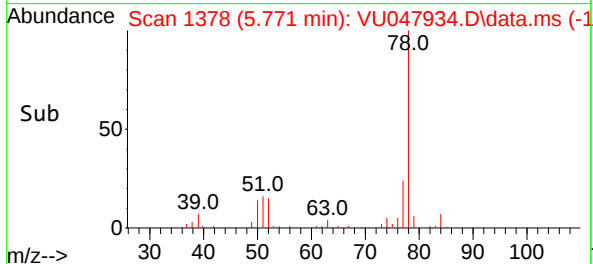
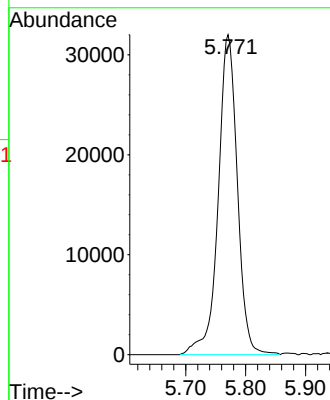
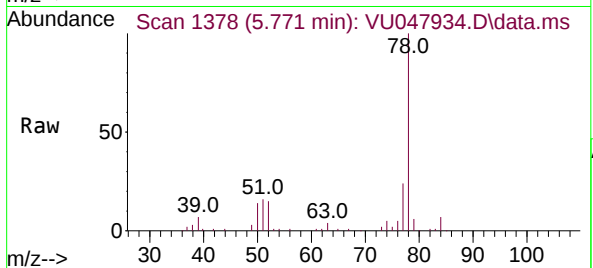




#33
Benzene
Concen: 4.562 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU047934.D
Acq: 12 Apr 2022 02:28

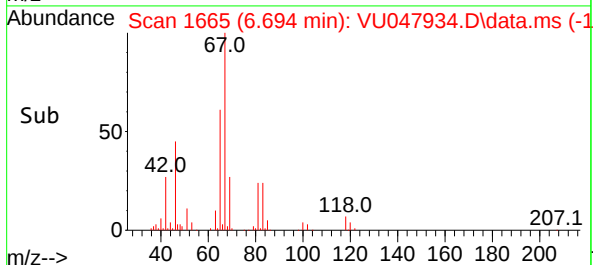
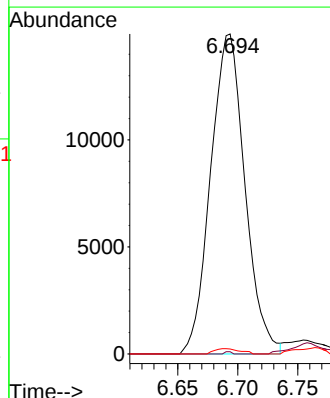
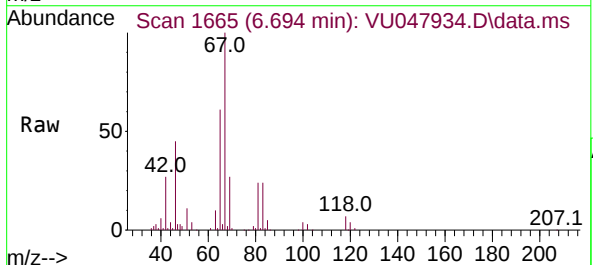
Instrument :
MSVOA_U
ClientSampleId :

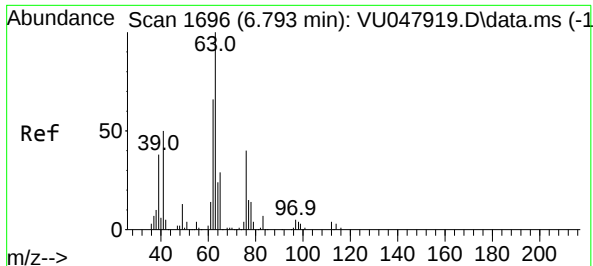
Tgt Ion: 78 Resp: 70891



#35
Methylcyclohexane
Concen: 4.794 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU047934.D
Acq: 12 Apr 2022 02:28

Tgt Ion: 83 Resp: 29713
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 1.1 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 3.242 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047934.D

Acq: 12 Apr 2022 02:28

Instrument :

MSVOA_U

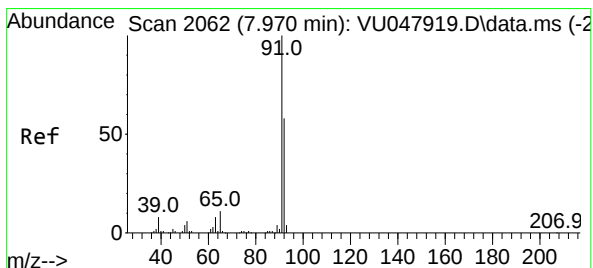
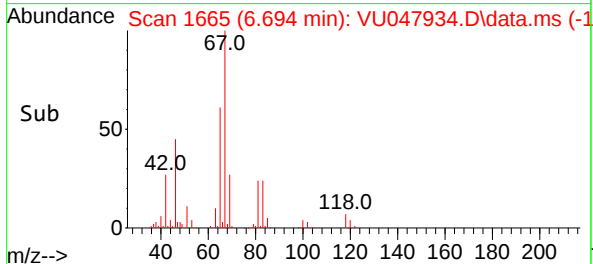
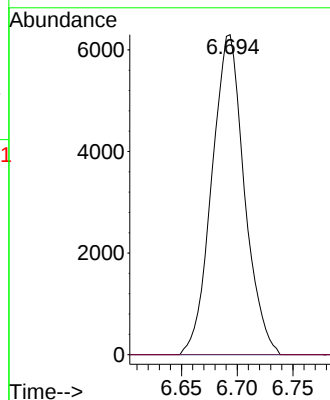
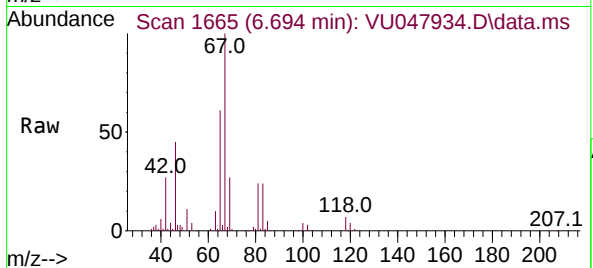
ClientSampleId :

Tgt Ion: 63 Resp: 12808

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 1.142 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047934.D

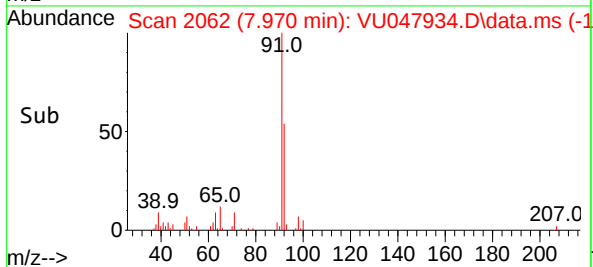
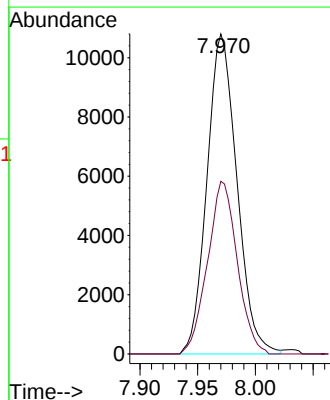
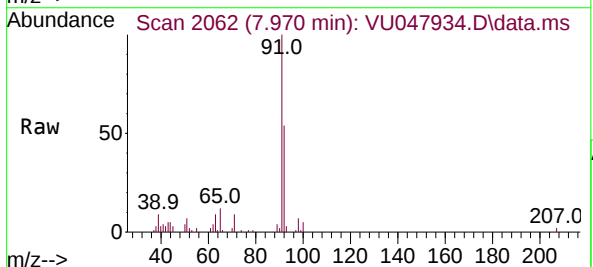
Acq: 12 Apr 2022 02:28

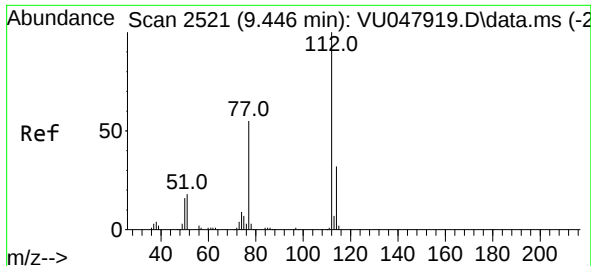
Tgt Ion: 91 Resp: 19474

Ion Ratio Lower Upper

91 100

92 53.9 40.4 75.0

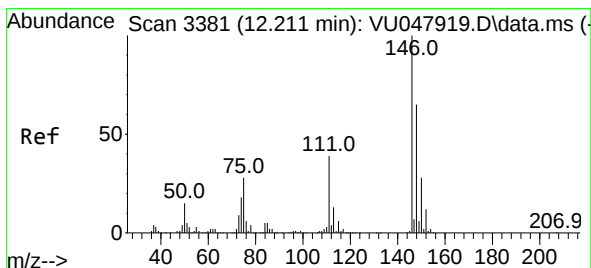
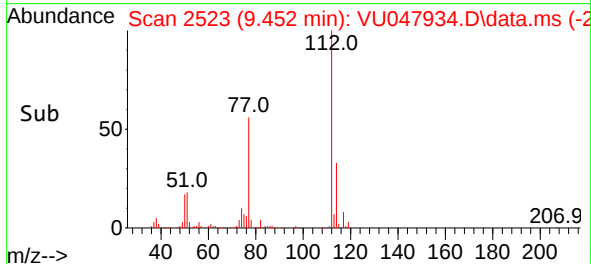
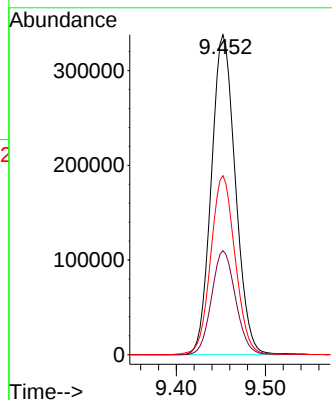
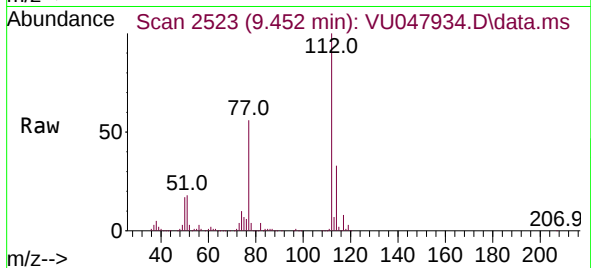




#51
Chlorobenzene
Concen: 54.735 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047934.D
Acq: 12 Apr 2022 02:28

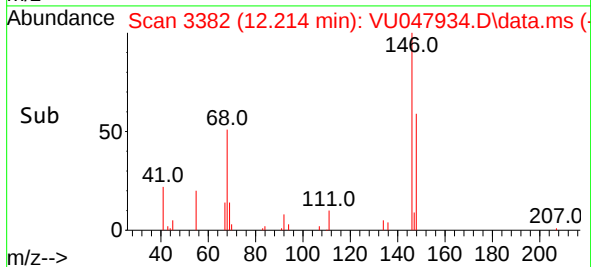
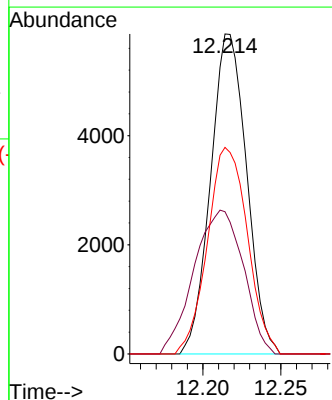
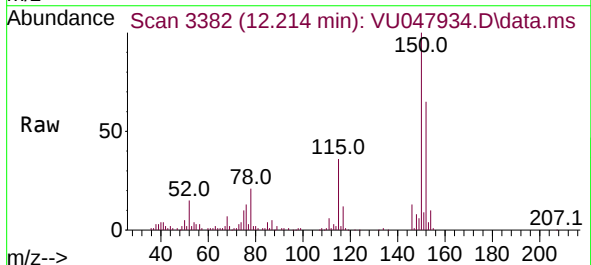
Instrument :
MSVOA_U
ClientSampleId :

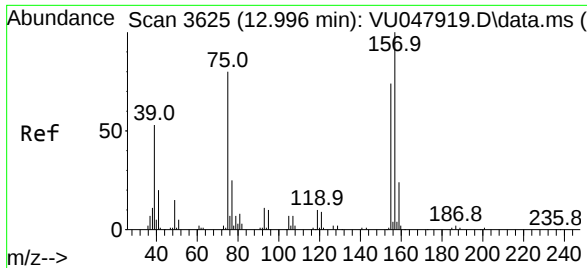
Tgt Ion:112 Resp: 633673
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.0 43.4 65.0



#67
1,2-Dichlorobenzene
Concen: 1.075 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047934.D
Acq: 12 Apr 2022 02:28

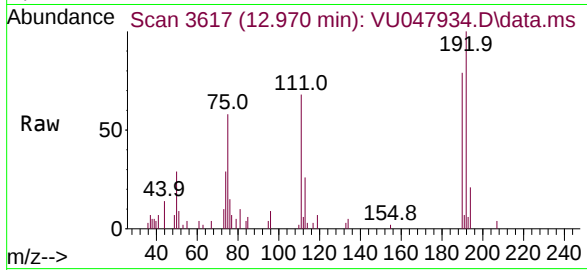
Tgt Ion:146 Resp: 9428
Ion Ratio Lower Upper
146 100
111 44.5 31.7 47.5
148 64.6 51.4 77.2





#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.659 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: VU047934.D
 Acq: 12 Apr 2022 02:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4687
 Ion Ratio Lower Upper
 75 100
 155 4.0 78.9 118.3#
 157 0.0 97.5 146.3#

