

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047928.D
 Acq On : 12 Apr 2022 00:09
 Operator : SY/MD
 Sample : N2293-16ME
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:06:47 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)

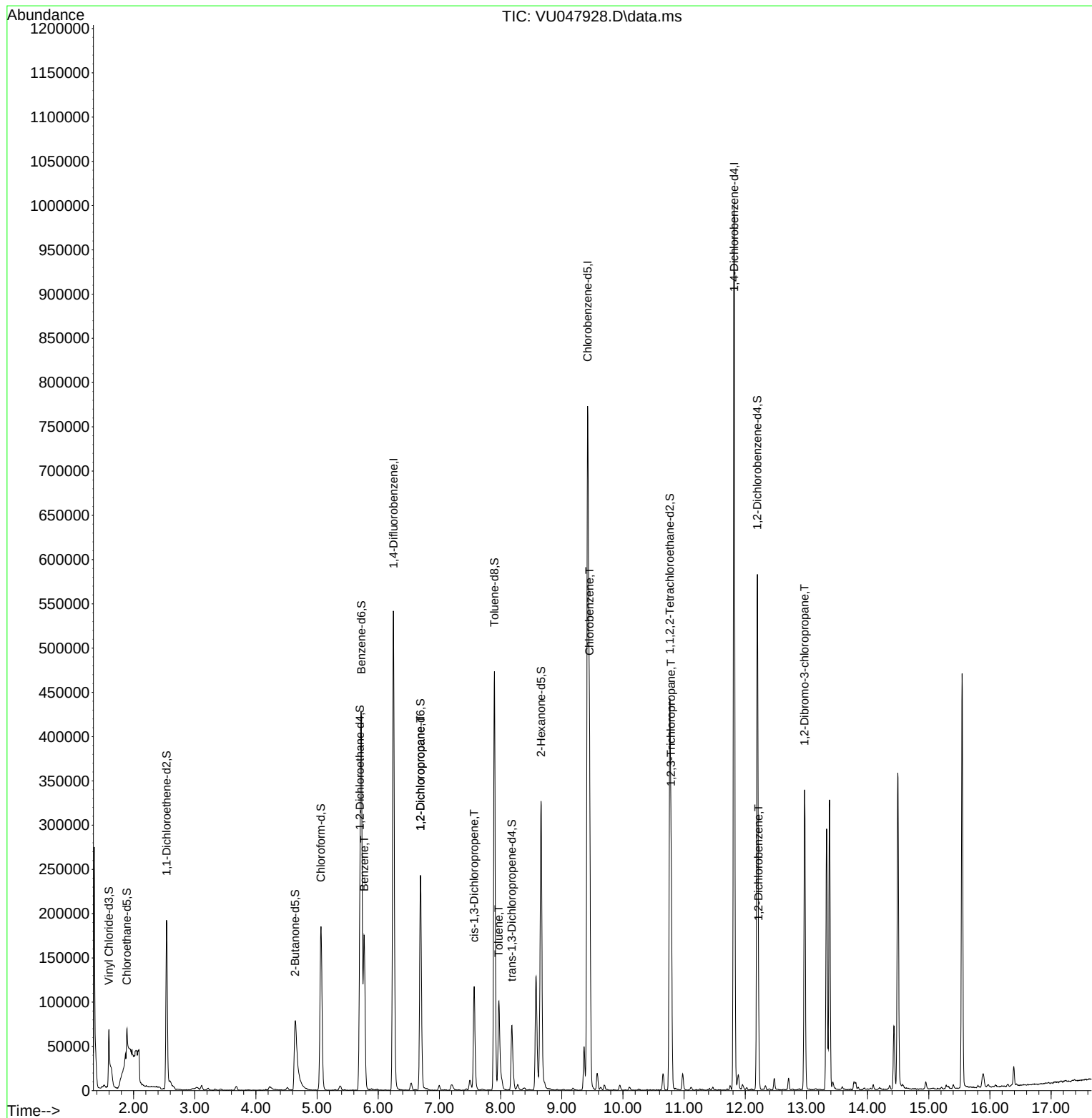
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	484768	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	512592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	283758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89308	25.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.820%#
7) Chloroethane-d5	1.890	69	52392	18.901	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.800%#
11) 1,1-Dichloroethene-d2	2.539	63	120585	18.749	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	37.500%#
21) 2-Butanone-d5	4.642	46	177368	58.783	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.780%
24) Chloroform-d	5.063	84	186317	28.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.940%#
26) 1,2-Dichloroethane-d4	5.700	65	123251	31.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.480%#
32) Benzene-d6	5.722	84	378161	29.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	58.640%#
36) 1,2-Dichloropropane-d6	6.690	67	122855	31.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	62.020%#
41) Toluene-d8	7.899	98	334535	26.621	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.240%#
43) trans-1,3-Dichloroprop...	8.182	79	51073	25.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.900%#
47) 2-Hexanone-d5	8.661	63	132394	57.094	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	57.090%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	201231	29.601	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.200%#
66) 1,2-Dichlorobenzene-d4	12.198	152	154684	30.641	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.280%#
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	171635	11.568	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13147	3.486	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3152	0.539	ug/L #	56
42) Toluene	7.970	91	73640	4.523	ug/L	97
51) Chlorobenzene	9.452	112	199961	18.090	ug/L	98
60) 1,2,3-Trichloropropane	10.787	75	8038	1.503	ug/L #	1
67) 1,2-Dichlorobenzene	12.217	146	14620	1.714	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.970	75	50832	29.665	ug/L #	1

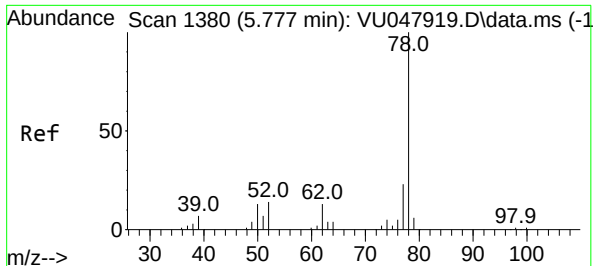
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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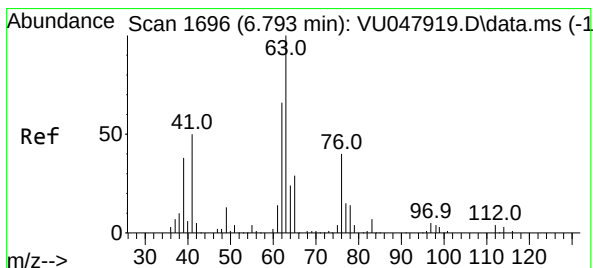
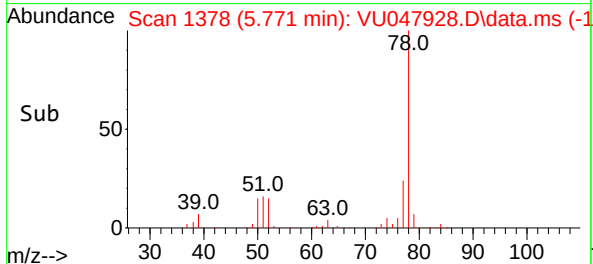
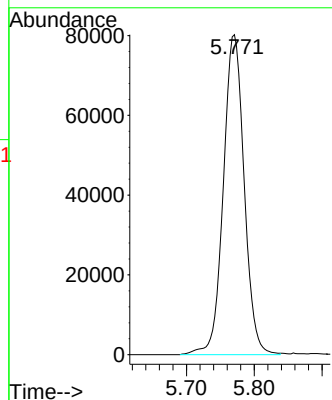
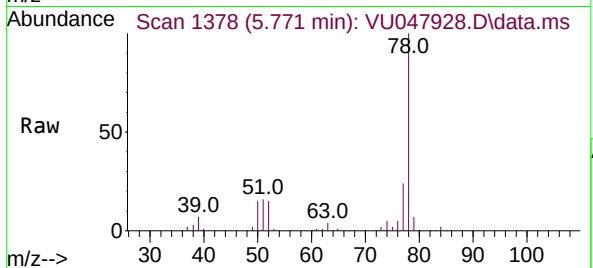




#33
Benzene
Concen: 11.568 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU047928.D
Acq: 12 Apr 2022 00:09

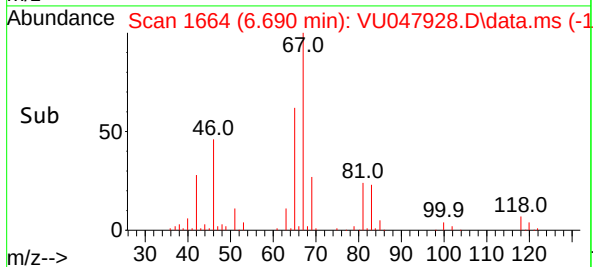
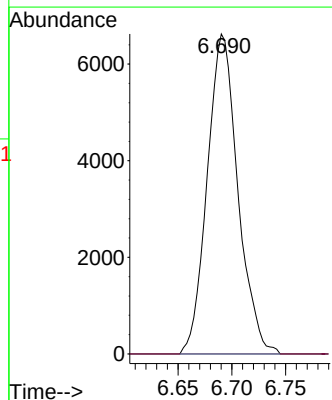
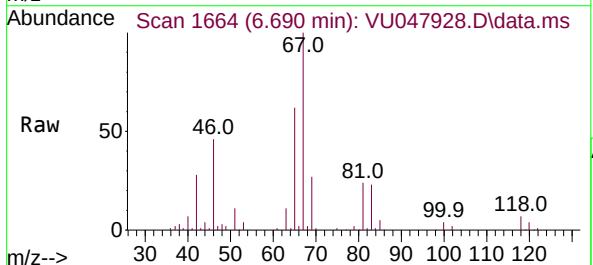
Instrument :
MSVOA_U
ClientSampleId :

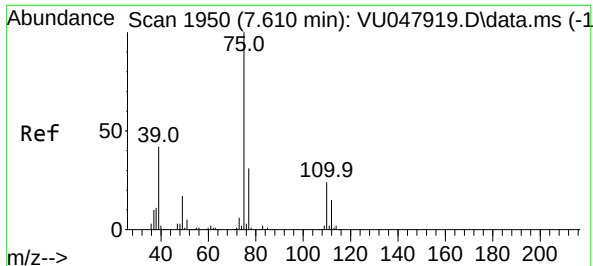
Tgt Ion: 78 Resp: 171635



#37
1,2-Dichloropropane
Concen: 3.486 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047928.D
Acq: 12 Apr 2022 00:09

Tgt Ion: 63 Resp: 13147
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047928.D

Acq: 12 Apr 2022 00:09

Instrument :

MSVOA_U

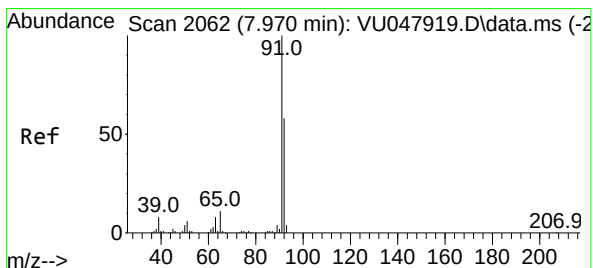
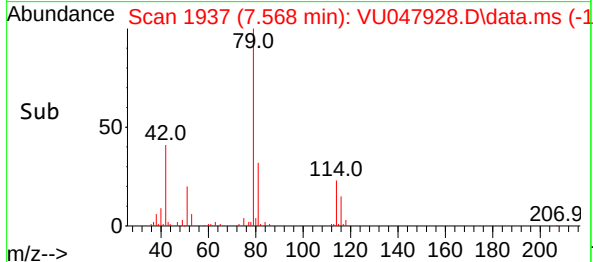
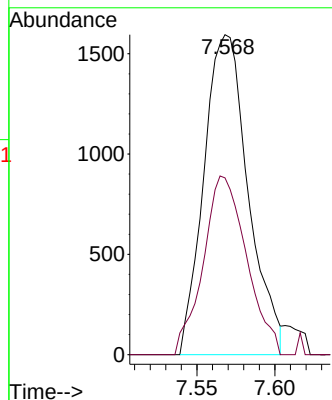
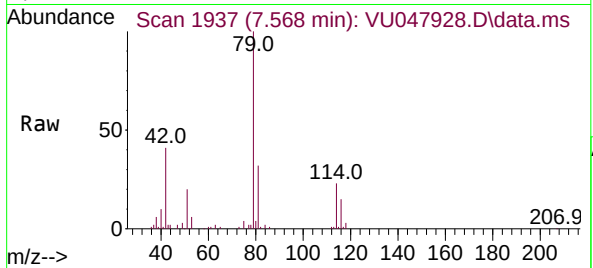
ClientSampleId :

Tgt Ion: 75 Resp: 3152

Ion Ratio Lower Upper

75 100

77 55.2 21.8 40.6#



#42

Toluene

Concen: 4.523 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047928.D

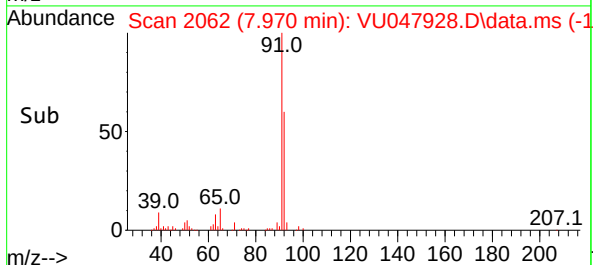
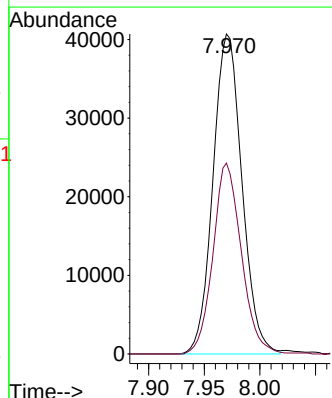
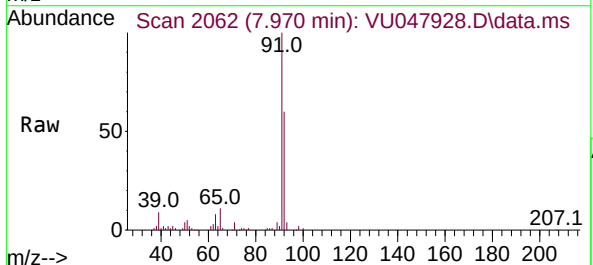
Acq: 12 Apr 2022 00:09

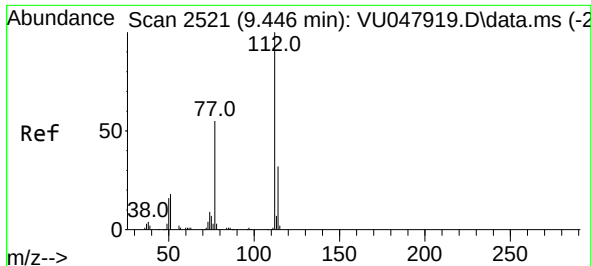
Tgt Ion: 91 Resp: 73640

Ion Ratio Lower Upper

91 100

92 59.7 40.4 75.0

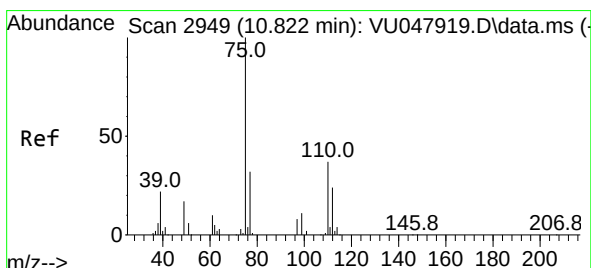
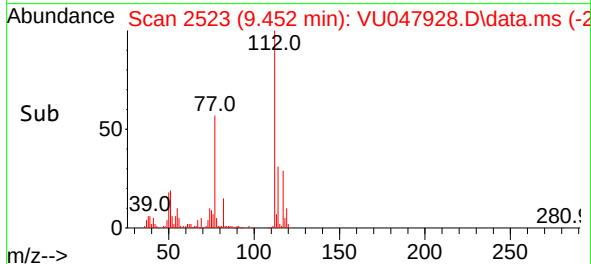
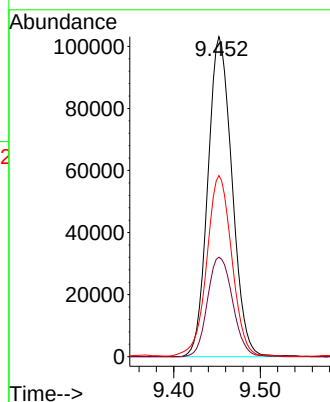
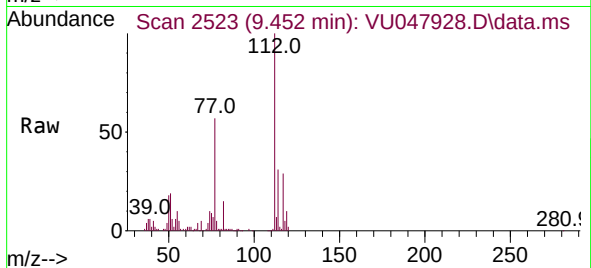




#51
Chlorobenzene
Concen: 18.090 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047928.D
Acq: 12 Apr 2022 00:09

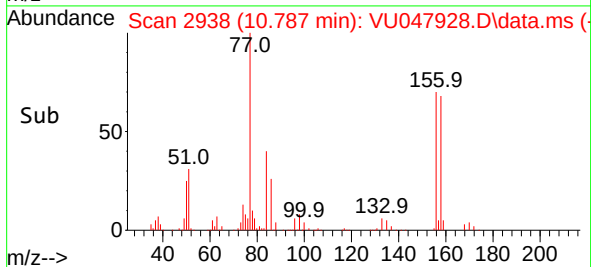
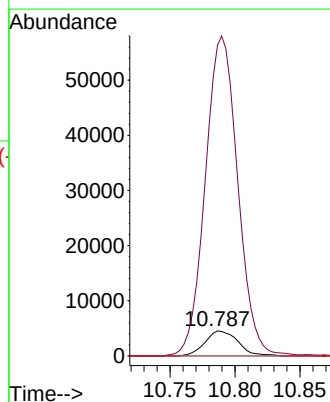
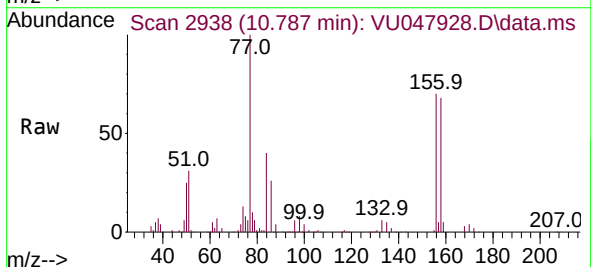
Instrument :
MSVOA_U
ClientSampleId :

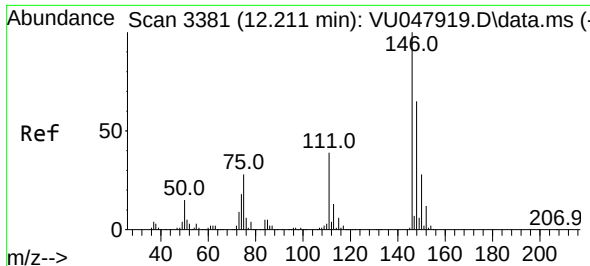
Tgt Ion:112 Resp: 199961
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 56.6 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.503 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.035 min
Lab File: VU047928.D
Acq: 12 Apr 2022 00:09

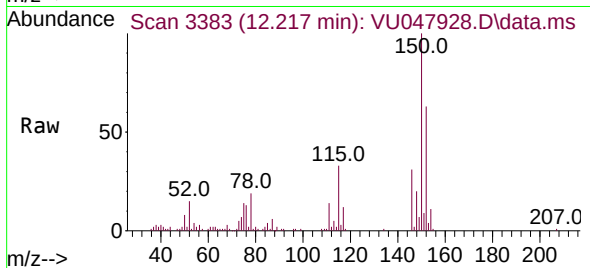
Tgt Ion: 75 Resp: 8038
Ion Ratio Lower Upper
75 100
77 1255.8 26.0 39.0#
110 0.0 31.4 47.2#



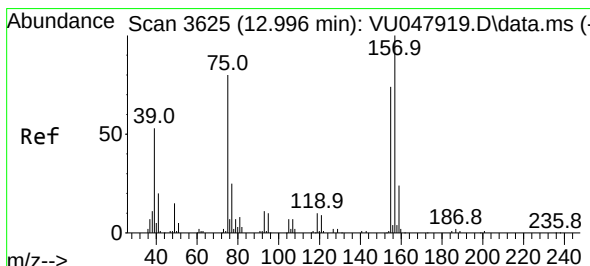
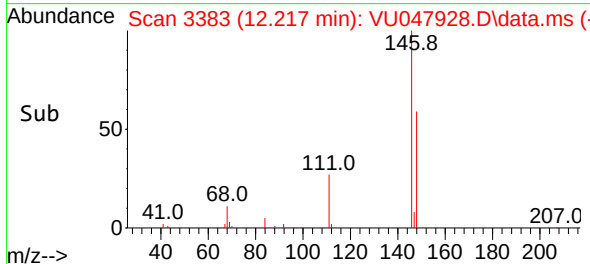
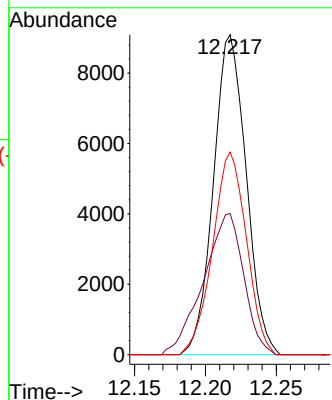


#67
 1,2-Dichlorobenzene
 Concen: 1.714 ug/L
 RT: 12.217 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU047928.D
 Acq: 12 Apr 2022 00:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:146 Resp: 14620
 Ion Ratio Lower Upper
 146 100
 111 44.1 31.7 47.5
 148 63.3 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 29.665 ug/L
 RT: 12.970 min Scan# 3617
 Delta R.T. -0.026 min
 Lab File: VU047928.D
 Acq: 12 Apr 2022 00:09

Tgt Ion: 75 Resp: 50832
 Ion Ratio Lower Upper
 75 100
 155 3.0 78.9 118.3#
 157 2.4 97.5 146.3#

