

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048095.D
 Acq On : 15 Apr 2022 11:27
 Operator : SY/MD
 Sample : VU0415MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:35:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

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

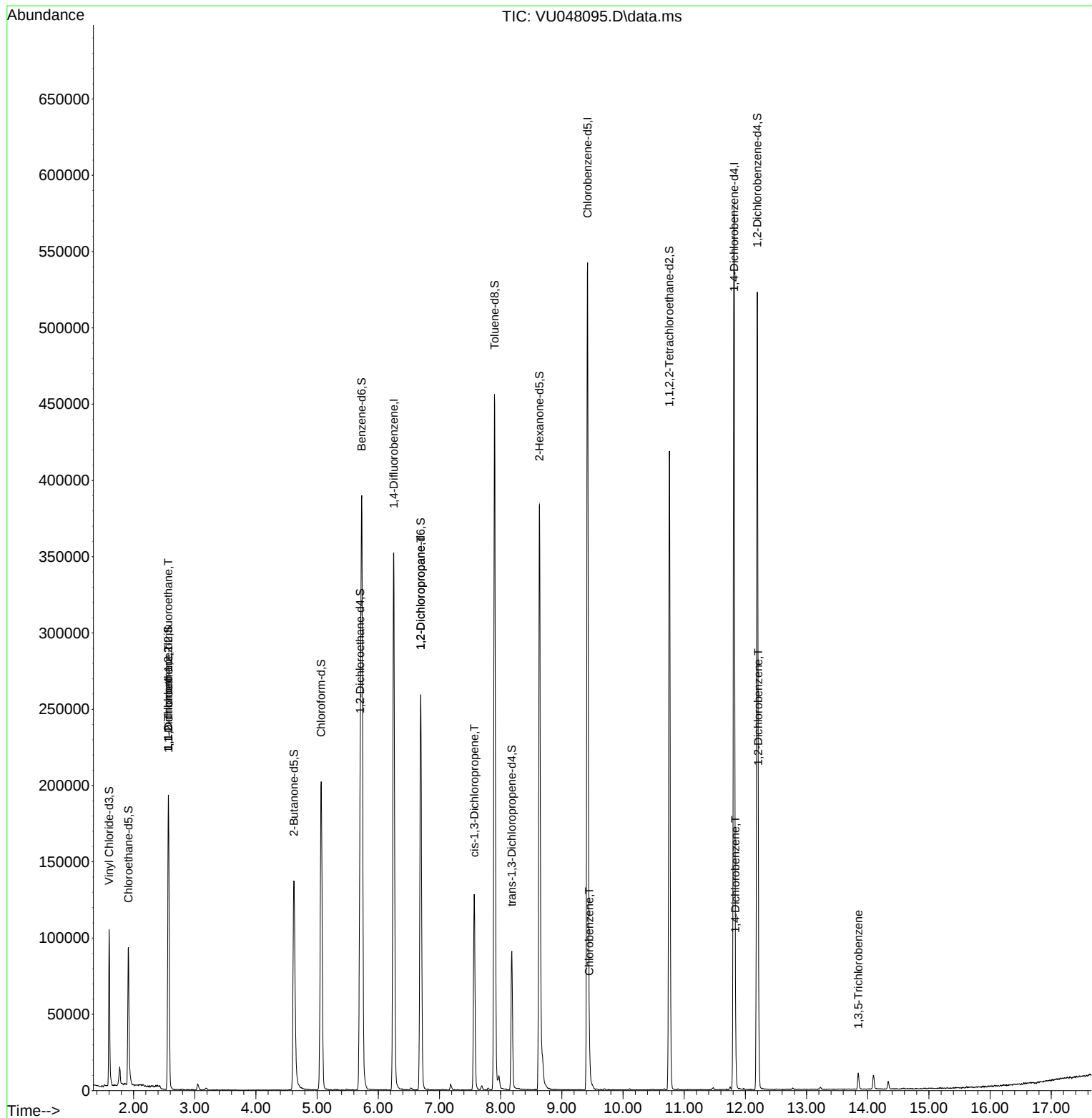
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	303790	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	326314	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	168678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	75724	34.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.740%
7) Chloroethane-d5	1.916	69	75558	43.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.568	63	108272	26.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.720%#
21) 2-Butanone-d5	4.620	46	198623	105.044	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.040%
24) Chloroform-d	5.067	84	191947	47.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	5.703	65	125590	50.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.600%
32) Benzene-d6	5.729	84	368337	44.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
36) 1,2-Dichloropropane-d6	6.694	67	128402	50.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.840%
41) Toluene-d8	7.899	98	311996	39.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.000%#
43) trans-1,3-Dichloroprop...	8.182	79	52846	41.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.740%
47) 2-Hexanone-d5	8.632	63	135284	91.644	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209133	48.325	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	147092	49.015	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	965	0.431	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1089	0.523	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	12964	5.399	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	2994	0.804	ug/L #	75
51) Chlorobenzene	9.449	112	11285	1.604	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	7846	1.495	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	6072	1.198	ug/L	93
69) 1,3,5-Trichlorobenzene	13.844	180	4531	1.101	ug/L	93

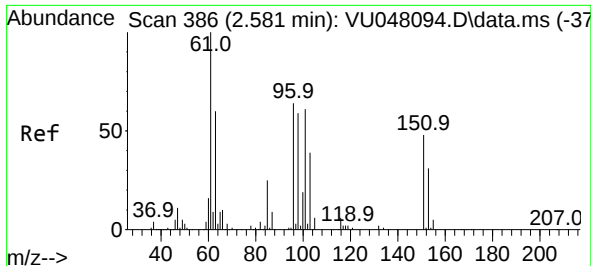
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

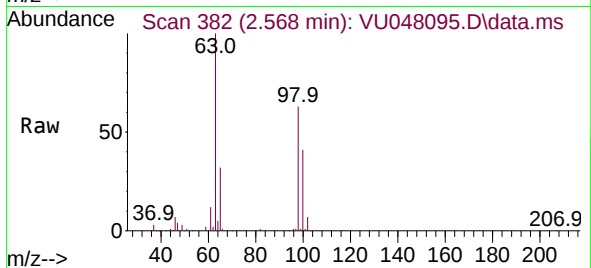
Quant Time: Apr 16 00:35:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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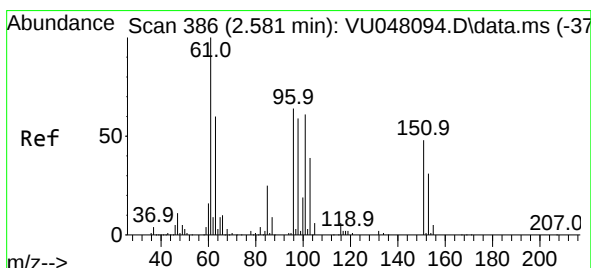
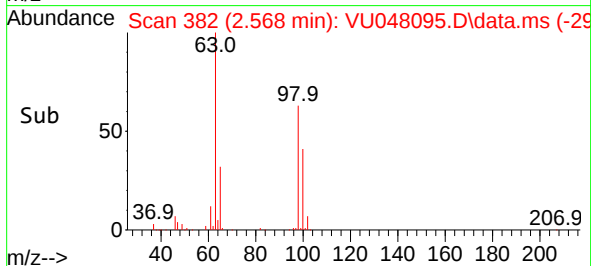
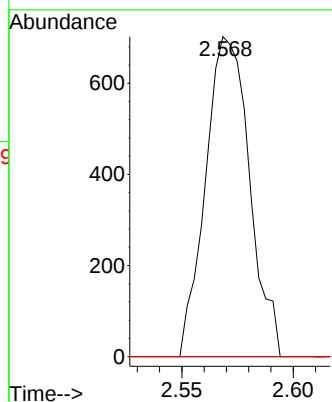


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.431 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU048095.D
 Acq: 15 Apr 2022 11:27

Instrument :
 MSVOA_U
 ClientSampleId :

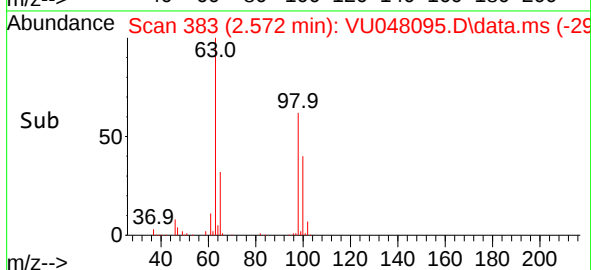
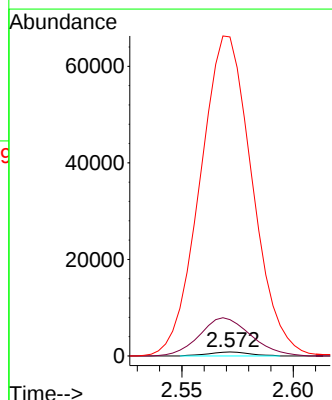
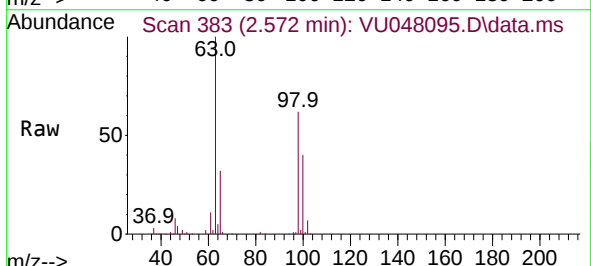


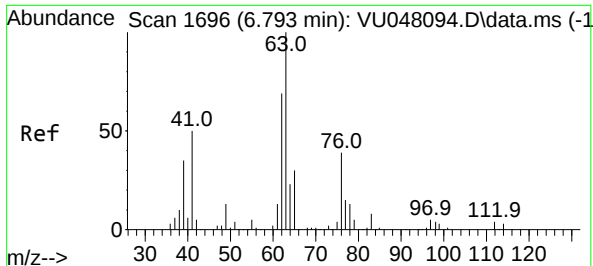
Tgt Ion:101 Resp: 965
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.523 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048095.D
 Acq: 15 Apr 2022 11:27

Tgt Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 904.8 113.1 210.1#
 63 7950.9 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.399 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048095.D

Acq: 15 Apr 2022 11:27

Instrument :

MSVOA_U

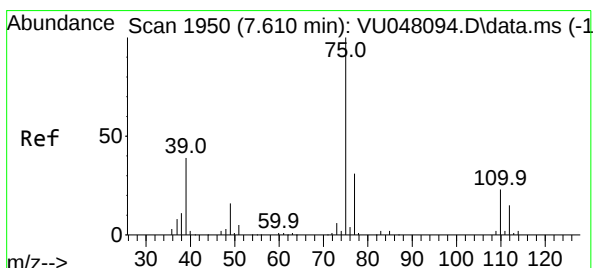
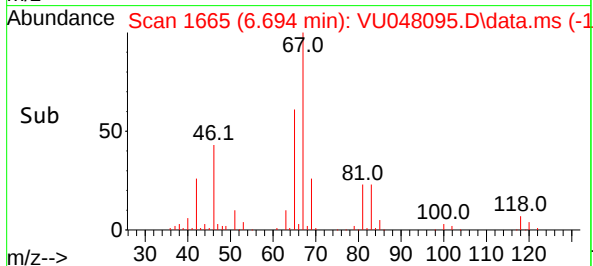
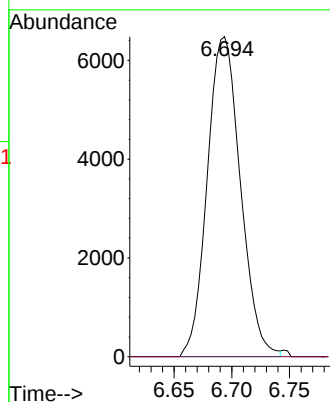
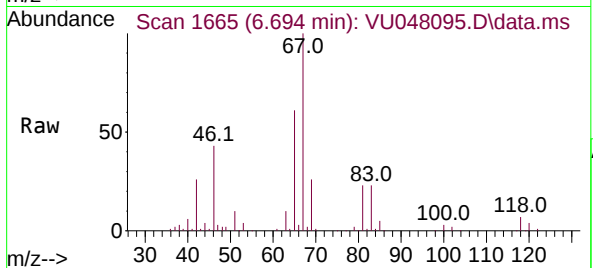
ClientSampleId :

Tgt Ion: 63 Resp: 12964

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.804 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU048095.D

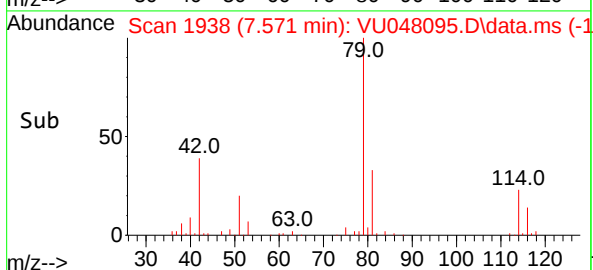
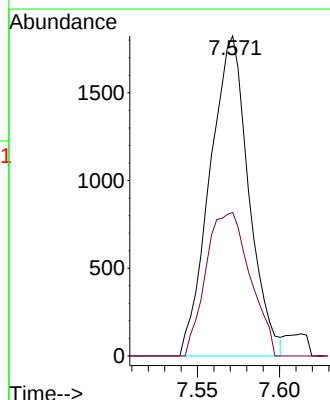
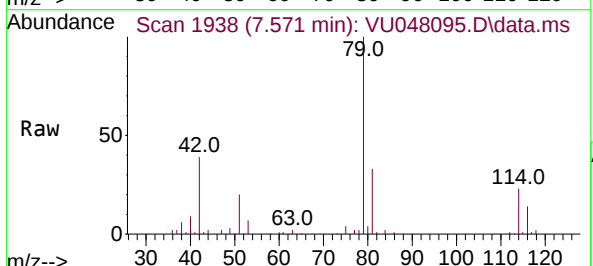
Acq: 15 Apr 2022 11:27

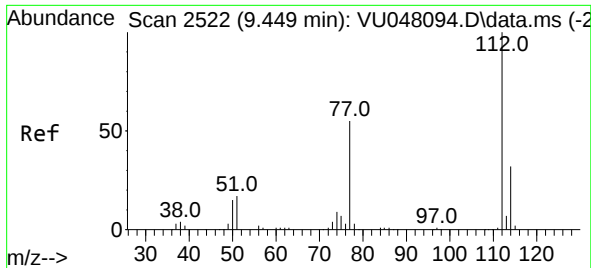
Tgt Ion: 75 Resp: 2994

Ion Ratio Lower Upper

75 100

77 44.8 21.8 40.6#

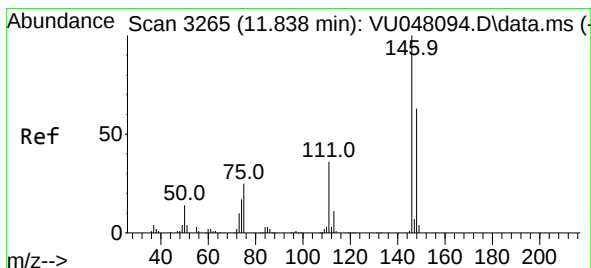
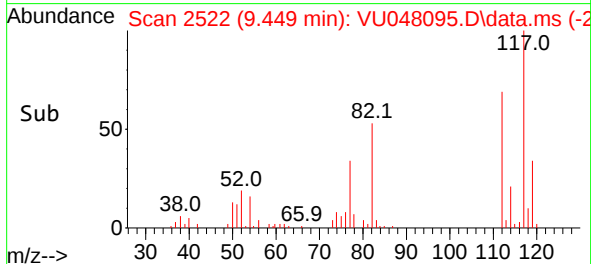
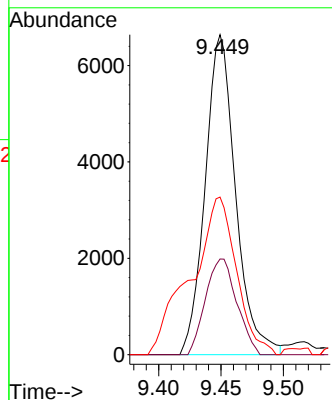
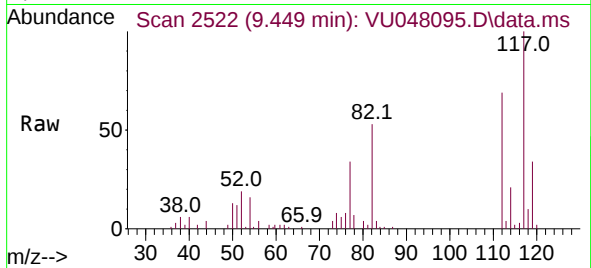




#51
Chlorobenzene
Concen: 1.604 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048095.D
Acq: 15 Apr 2022 11:27

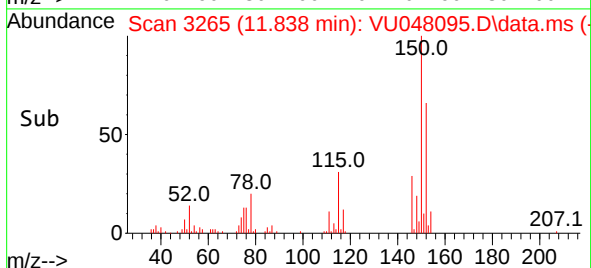
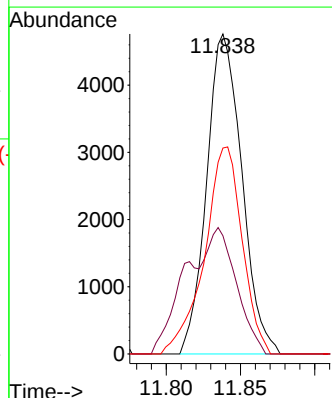
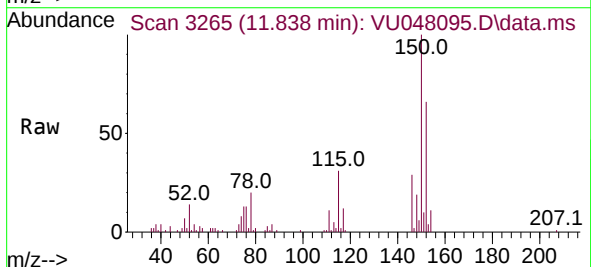
Instrument :
MSVOA_U
ClientSampleId :

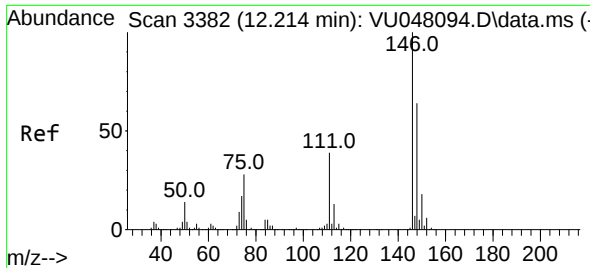
Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.9	22.1	41.1
77	49.2	43.4	65.0



#65
1,4-Dichlorobenzene
Concen: 1.495 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048095.D
Acq: 15 Apr 2022 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	25.3	47.1
148	64.3	44.5	82.7

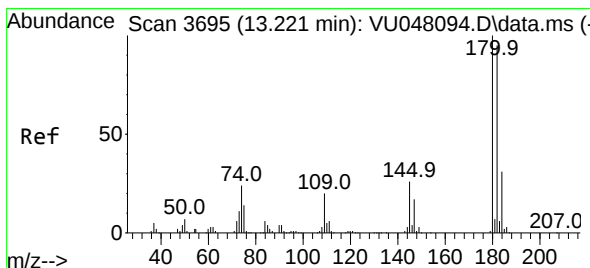
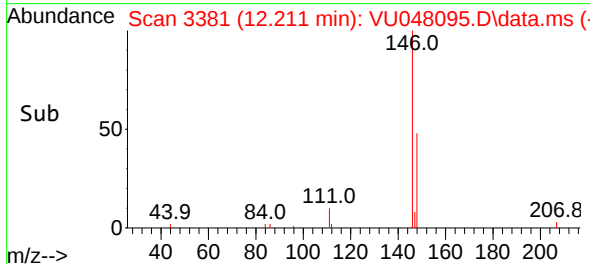
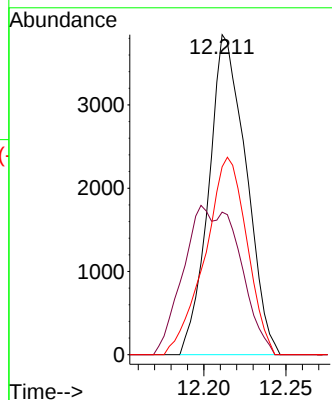
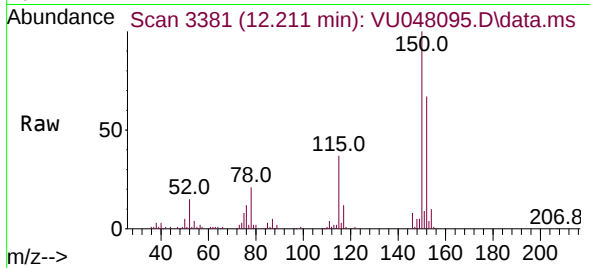




#67
1,2-Dichlorobenzene
Concen: 1.198 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048095.D
Acq: 15 Apr 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 6072
Ion Ratio Lower Upper
146 100
111 44.6 31.7 47.5
148 58.7 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 1.101 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048095.D
Acq: 15 Apr 2022 11:27

Tgt Ion:180 Resp: 4531
Ion Ratio Lower Upper
180 100
182 88.6 77.0 115.6
184 29.0 24.5 36.7
145 22.0 21.0 31.6

