

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047953.D
 Acq On : 12 Apr 2022 14:17
 Operator : SY/MD
 Sample : N2293-08MEDL 5X
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

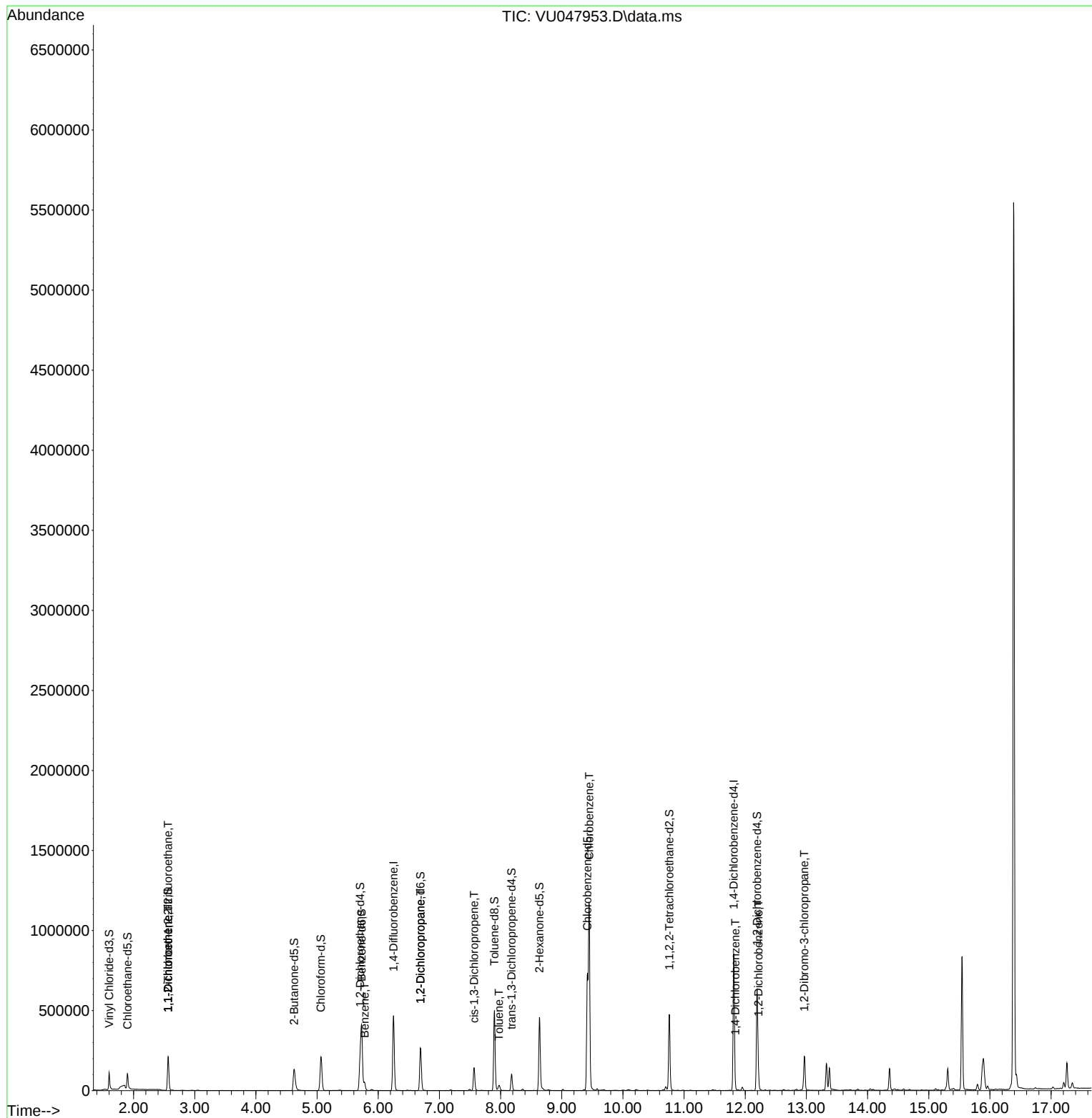
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	392145	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409109	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	241811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86118	30.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.560%
7) Chloroethane-d5	1.899	69	81668	36.422	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.840%
11) 1,1-Dichloroethene-d2	2.565	63	119255	22.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.840%#
21) 2-Butanone-d5	4.623	46	199088	81.566	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.570%
24) Chloroform-d	5.063	84	196573	37.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.560%
26) 1,2-Dichloroethane-d4	5.703	65	129453	40.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.140%
32) Benzene-d6	5.729	84	384546	37.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.720%
36) 1,2-Dichloropropane-d6	6.690	67	130406	41.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.500%
41) Toluene-d8	7.899	98	334516	33.353	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.700%#
43) trans-1,3-Dichloroprop...	8.179	79	56672	35.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.760%
47) 2-Hexanone-d5	8.636	63	158044	85.395	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229506	42.300	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	170383	39.605	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.220%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1163	0.402	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1135	0.422	ug/L #	1
33) Benzene	5.777	78	47300	3.994	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13265	4.406	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3276	0.701	ug/L #	71
42) Toluene	7.973	91	16769	1.291	ug/L	96
51) Chlorobenzene	9.449	112	648587	73.517	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	5376	0.715	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	28004	3.853	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.967	75	33044	22.630	ug/L #	1

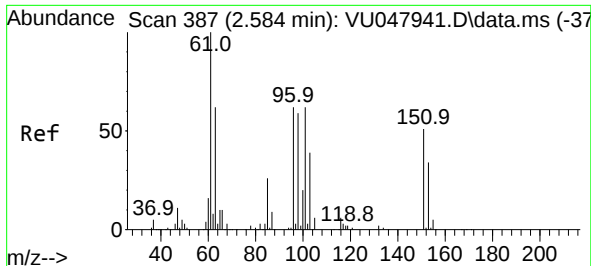
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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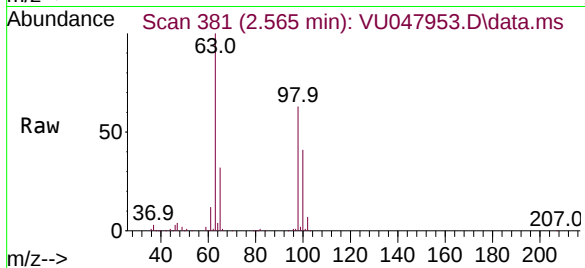
Quant Time: Apr 13 01:34:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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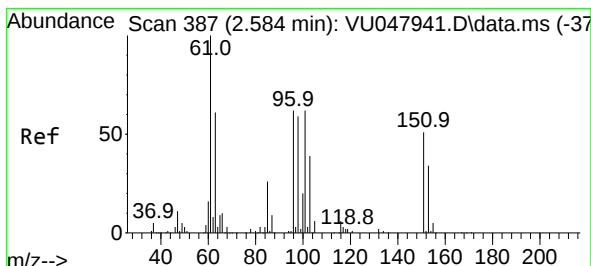
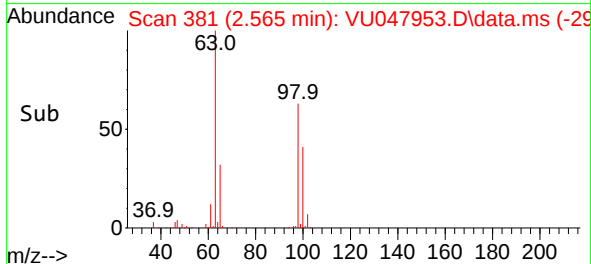
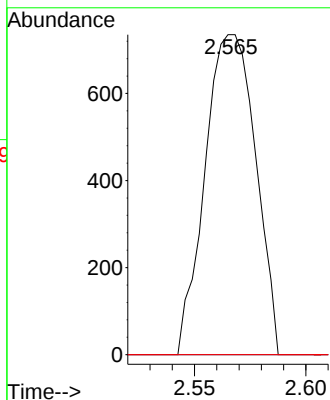


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.402 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.019 min
 Lab File: VU047953.D
 Acq: 12 Apr 2022 14:17

Instrument :
 MSVOA_U
 ClientSampleId :

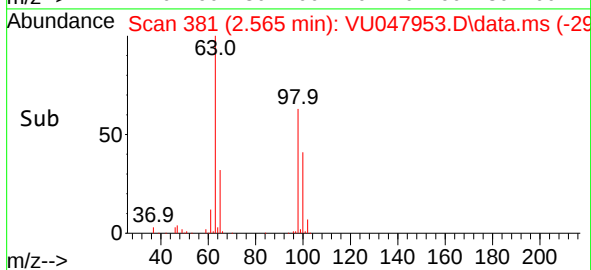
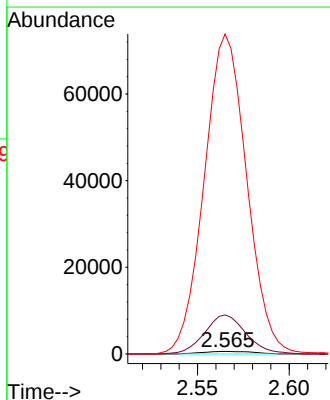
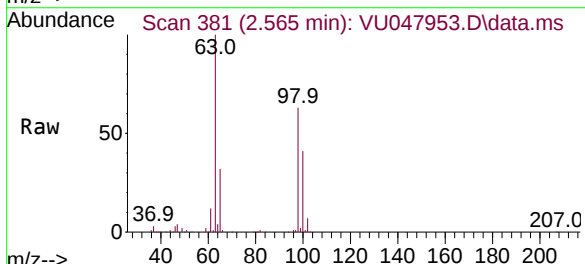


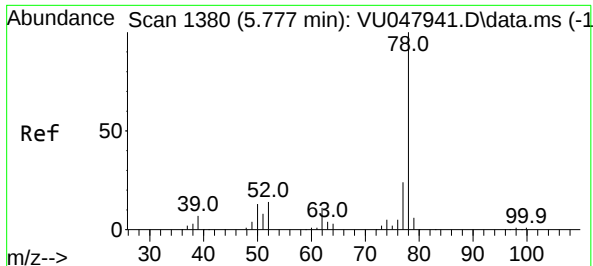
Tgt Ion:101 Resp: 1163
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.422 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.019 min
 Lab File: VU047953.D
 Acq: 12 Apr 2022 14:17

Tgt Ion: 96 Resp: 1135
 Ion Ratio Lower Upper
 96 100
 61 1547.3 113.1 210.1#
 63 12668.3 94.8 176.0#

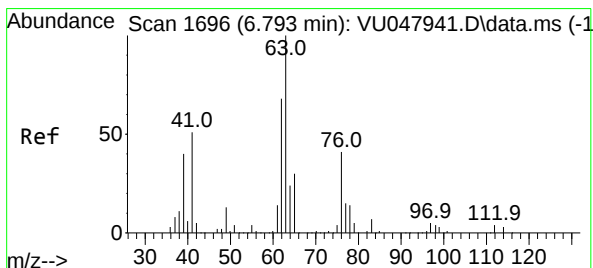
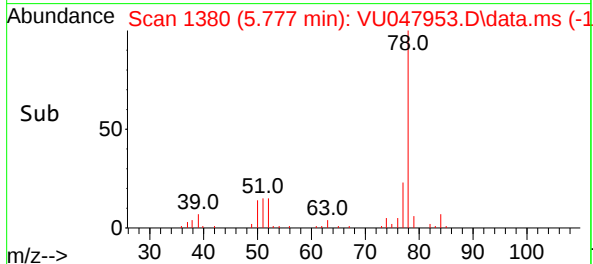
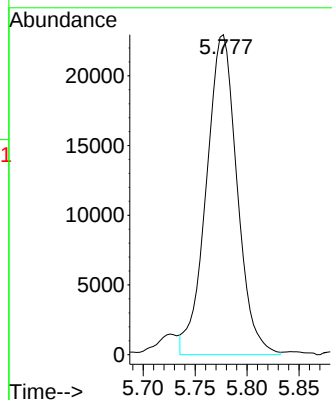
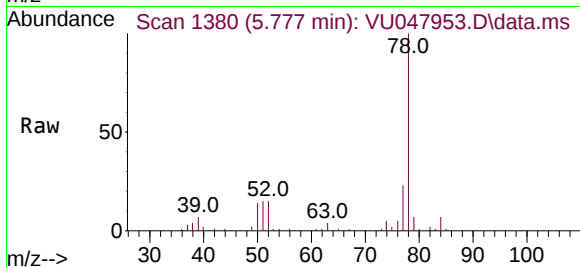




#33
Benzene
Concen: 3.994 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047953.D
Acq: 12 Apr 2022 14:17

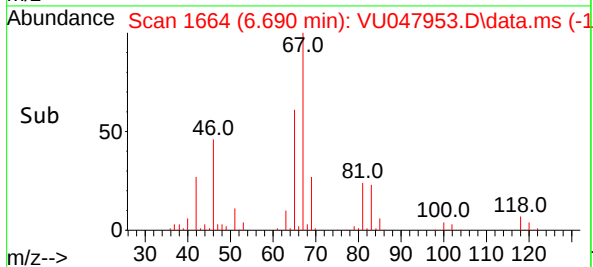
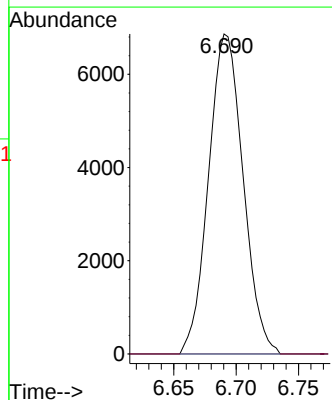
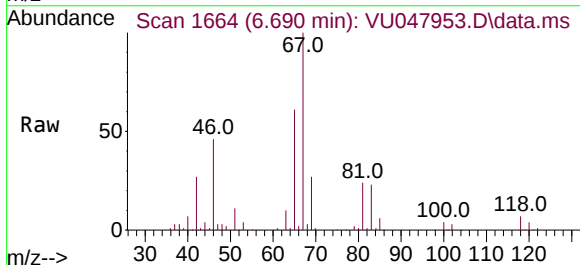
Instrument :
MSVOA_U
ClientSampleId :

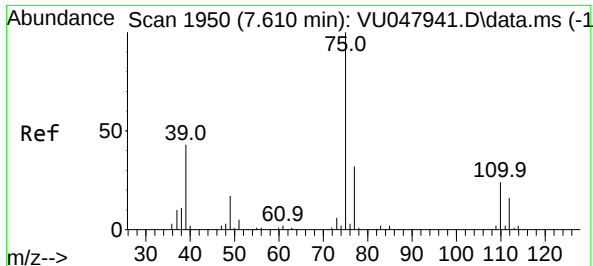
Tgt Ion: 78 Resp: 47300



#37
1,2-Dichloropropane
Concen: 4.406 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047953.D
Acq: 12 Apr 2022 14:17

Tgt Ion: 63 Resp: 13265
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.701 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047953.D

Acq: 12 Apr 2022 14:17

Instrument :

MSVOA_U

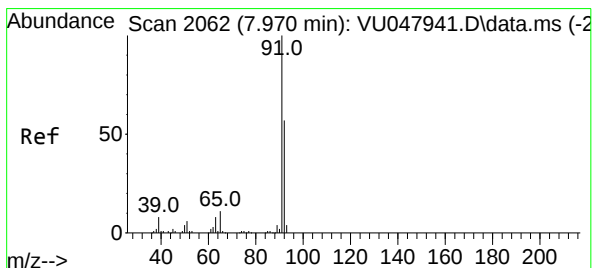
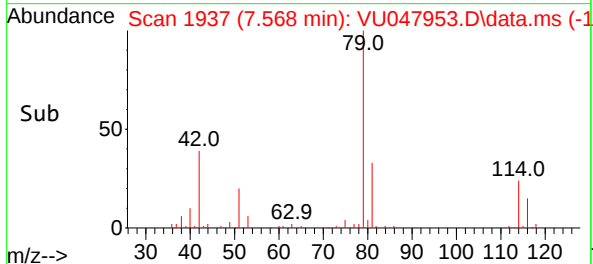
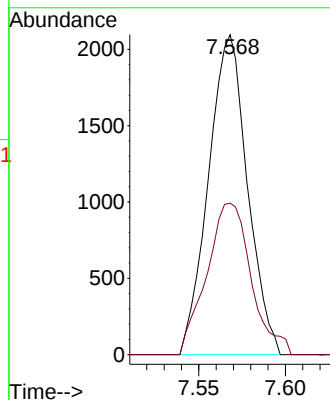
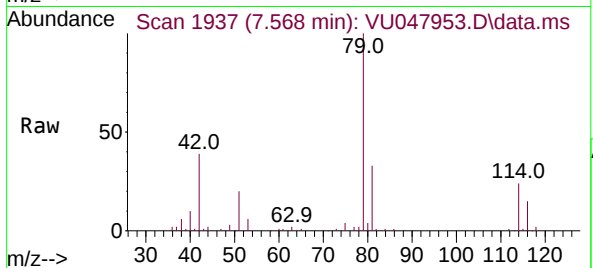
ClientSampleId :

Tgt Ion: 75 Resp: 3276

Ion Ratio Lower Upper

75 100

77 47.3 21.8 40.6#



#42

Toluene

Concen: 1.291 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU047953.D

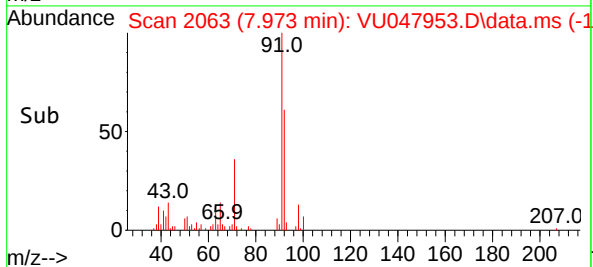
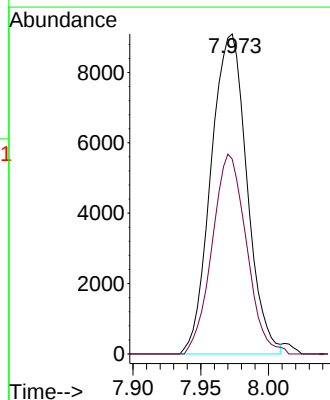
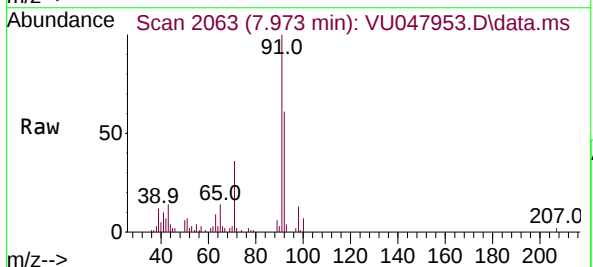
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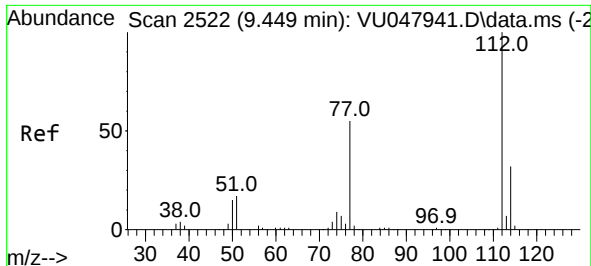
Tgt Ion: 91 Resp: 16769

Ion Ratio Lower Upper

91 100

92 60.9 40.4 75.0

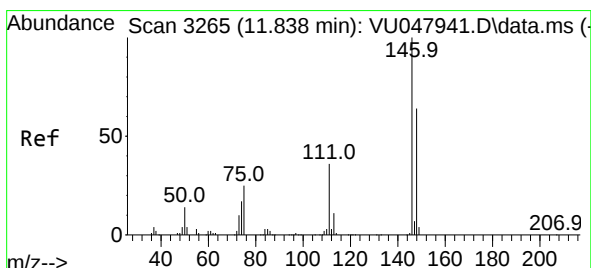
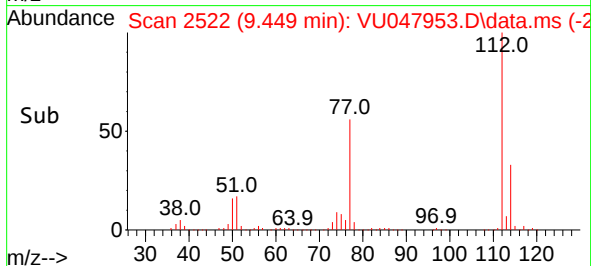
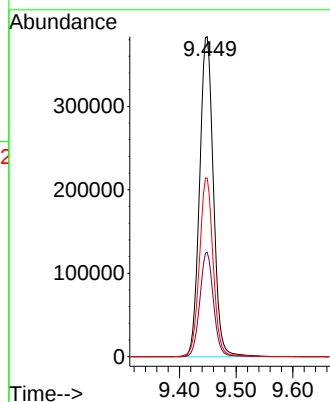
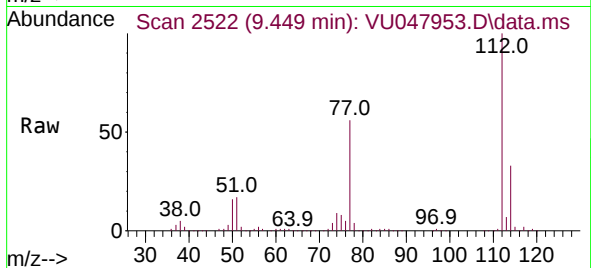




#51
Chlorobenzene
Concen: 73.517 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047953.D
Acq: 12 Apr 2022 14:17

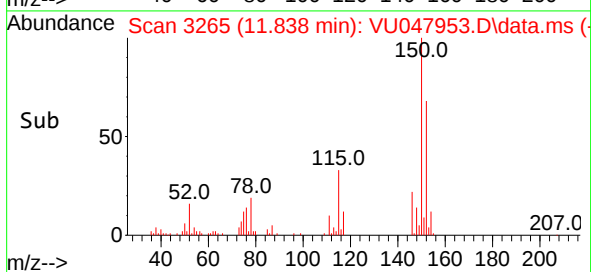
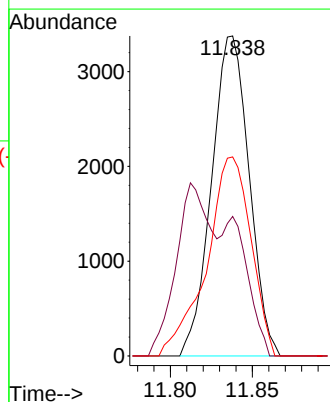
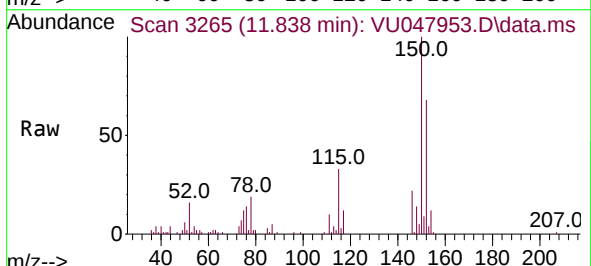
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MSVOA_U
ClientSampleId :

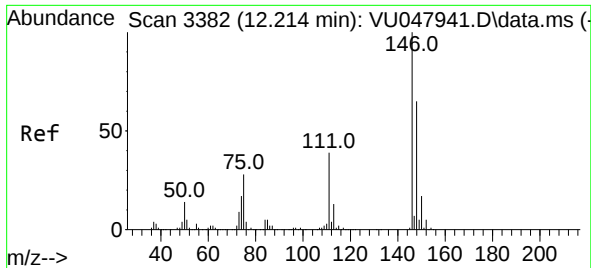
Tgt Ion:112 Resp: 648587
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 55.8 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 0.715 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047953.D
Acq: 12 Apr 2022 14:17

Tgt Ion:146 Resp: 5376
Ion Ratio Lower Upper
146 100
111 43.6 25.3 47.1
148 62.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 3.853 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047953.D

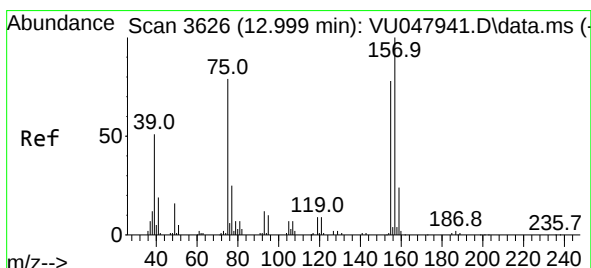
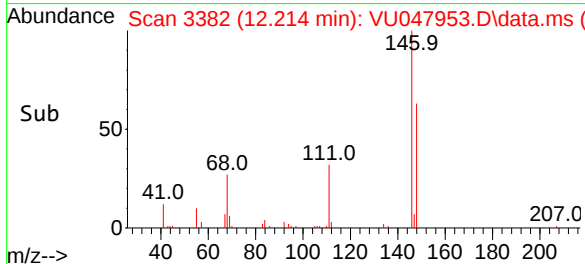
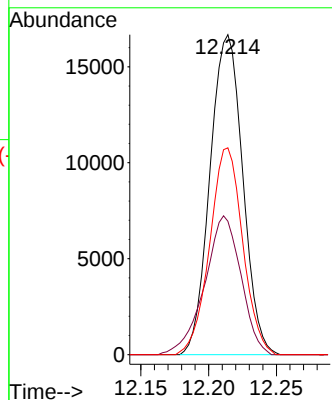
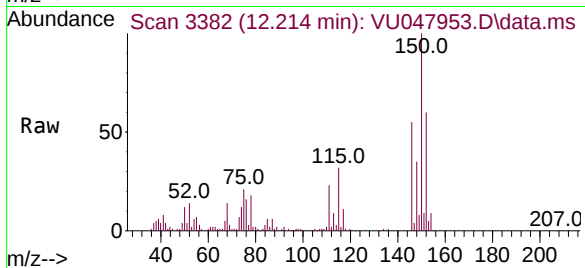
Acq: 12 Apr 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	28004
Ion	Ratio	Lower	Upper
146	100		
111	41.7	31.7	47.5
148	64.6	51.4	77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.630 ug/L

RT: 12.967 min Scan# 3616

Delta R.T. -0.032 min

Lab File: VU047953.D

Acq: 12 Apr 2022 14:17

Tgt Ion:	75	Resp:	33044
Ion	Ratio	Lower	Upper
75	100		
155	5.3	78.9	118.3#
157	2.3	97.5	146.3#

