

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048174.D
 Acq On : 21 Apr 2022 15:42
 Operator : SY/MD
 Sample : N2486-16 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J58

Quant Time: Apr 22 01:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

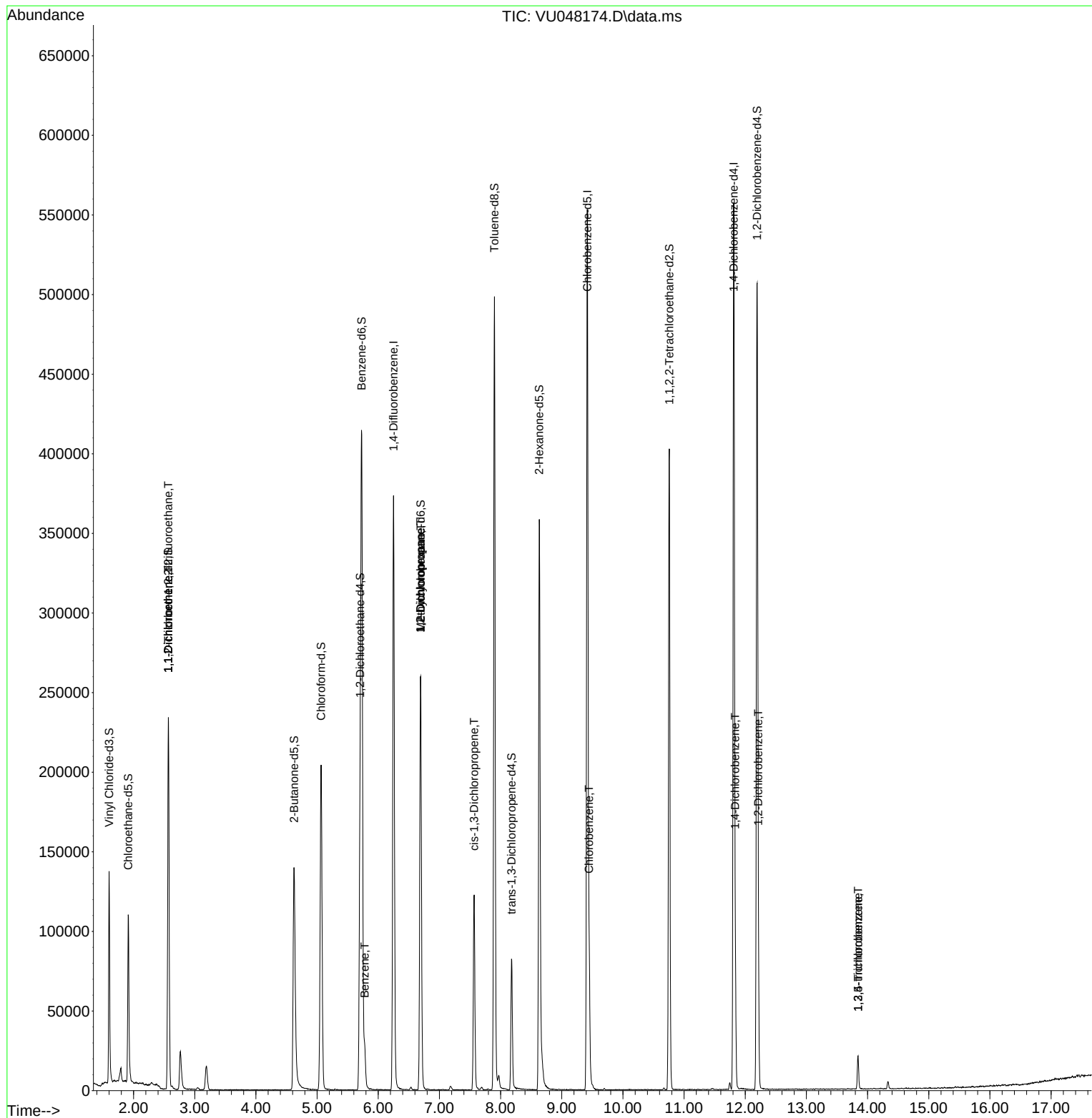
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	319287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334319	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100677	43.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.960%
7) Chloroethane-d5	1.912	69	85814	47.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.568	63	135121	31.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.800%
21) 2-Butanone-d5	4.623	46	181543	91.351	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.350%
24) Chloroform-d	5.067	84	193557	45.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.703	65	121709	46.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
32) Benzene-d6	5.729	84	395467	47.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
36) 1,2-Dichloropropane-d6	6.693	67	130190	50.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.780%
41) Toluene-d8	7.899	98	340368	41.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.060%
43) trans-1,3-Dichloroprop...	8.179	79	48178	36.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
47) 2-Hexanone-d5	8.632	63	122807	81.200	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201055	45.346	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	143510	50.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1335	0.567	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1081	0.494	ug/L #	1
33) Benzene	5.777	78	23570	2.436	ug/L	100
35) Methylcyclohexane	6.693	83	29690	7.692	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13142	5.342	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2627	0.688	ug/L #	53
51) Chlorobenzene	9.446	112	44507	6.173	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	31499	6.347	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	25896	5.402	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	7879	2.025	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	7879	2.312	ug/L	98

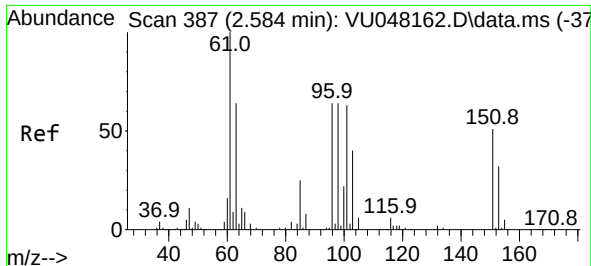
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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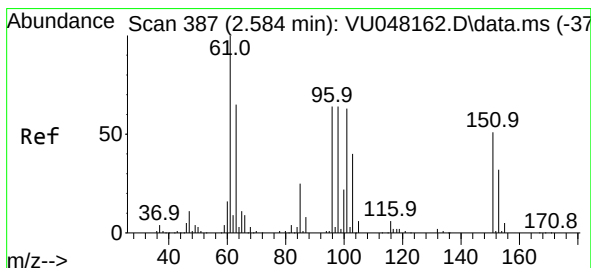
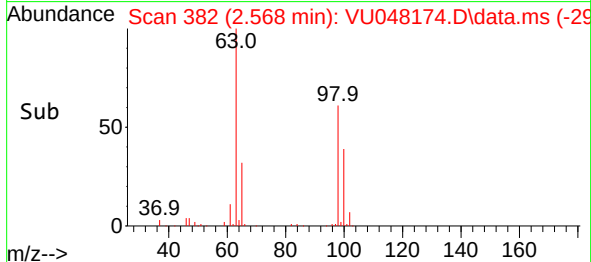
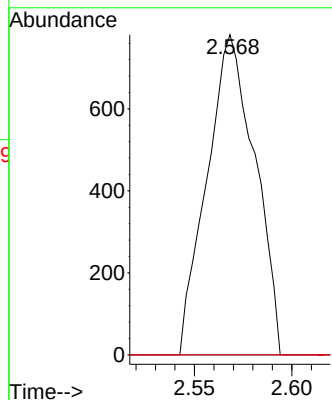
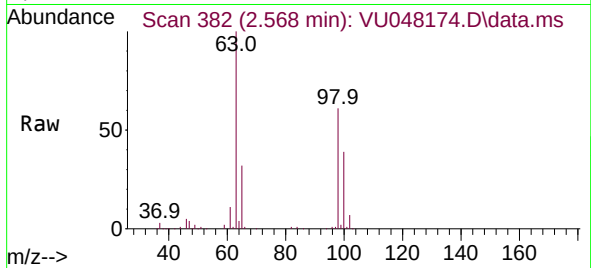




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.567 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048174.D
 Acq: 21 Apr 2022 15:42

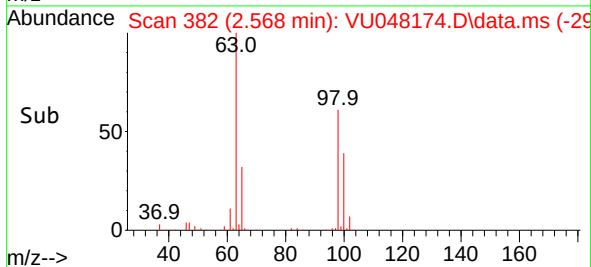
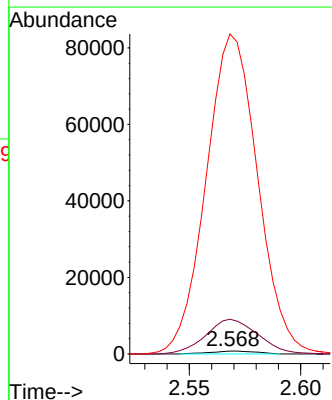
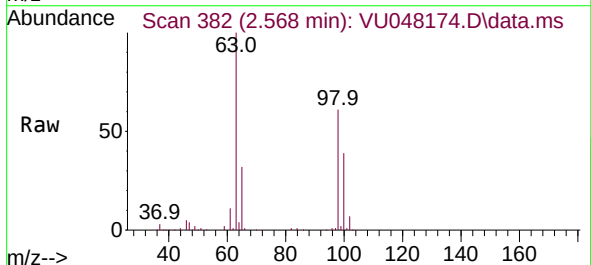
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J58

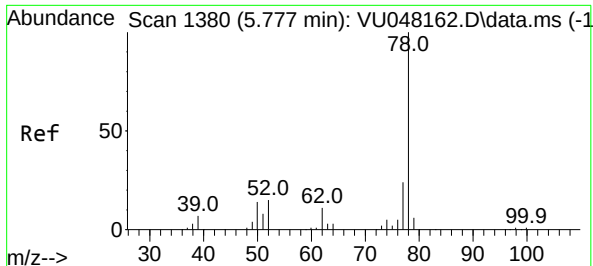
Tgt Ion:101 Resp: 1335
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.494 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048174.D
 Acq: 21 Apr 2022 15:42

Tgt Ion: 96 Resp: 1081
 Ion Ratio Lower Upper
 96 100
 61 1216.1 113.1 210.1#
 63 11210.7 94.8 176.0#

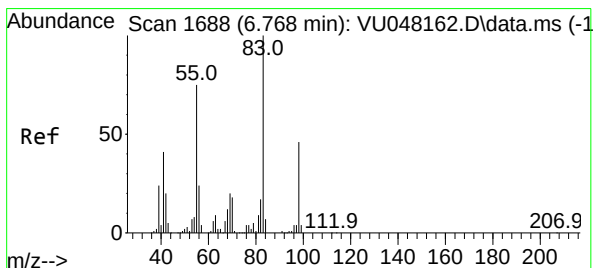
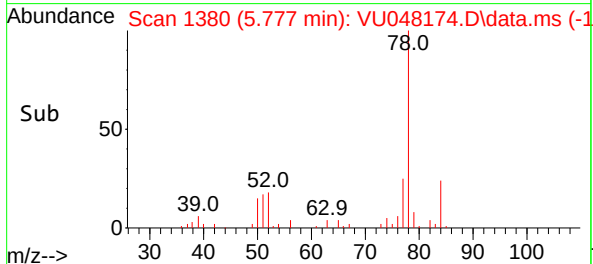
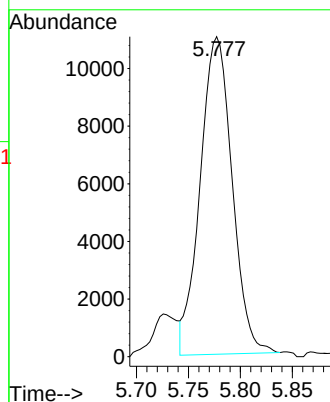
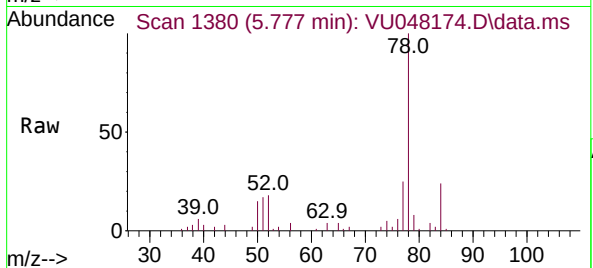




#33
Benzene
Concen: 2.436 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

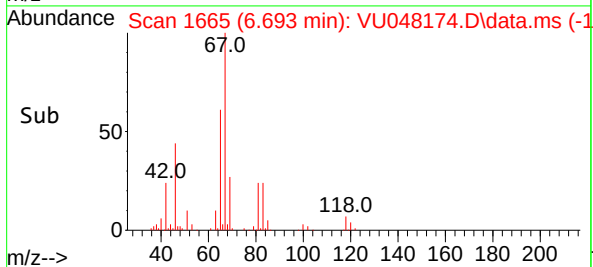
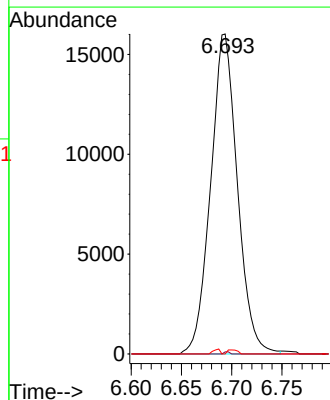
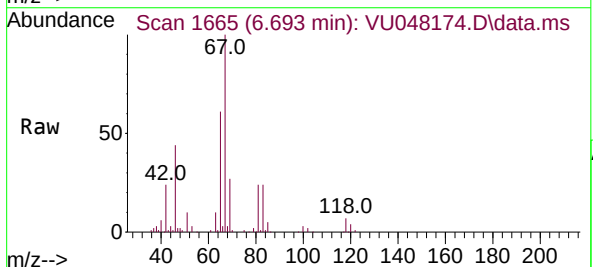
Instrument :
MSVOA_U
ClientSampleId :
C0J58

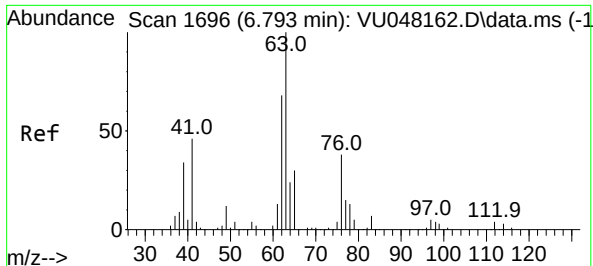
Tgt Ion: 78 Resp: 23570



#35
Methylcyclohexane
Concen: 7.692 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

Tgt Ion: 83 Resp: 29690
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 0.5 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.342 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048174.D

Acq: 21 Apr 2022 15:42

Instrument :

MSVOA_U

ClientSampleId :

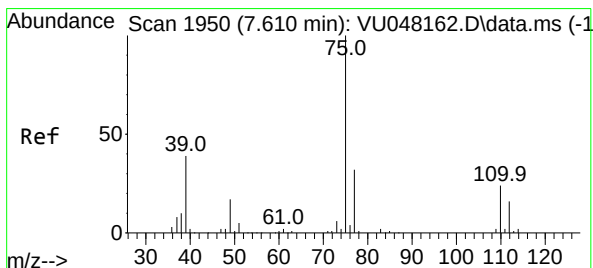
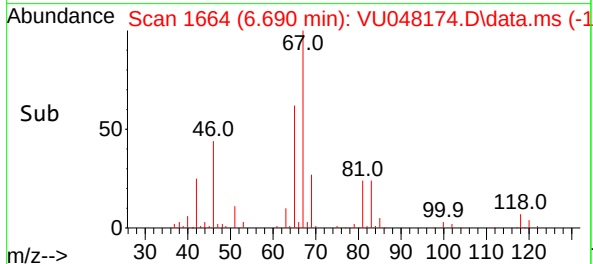
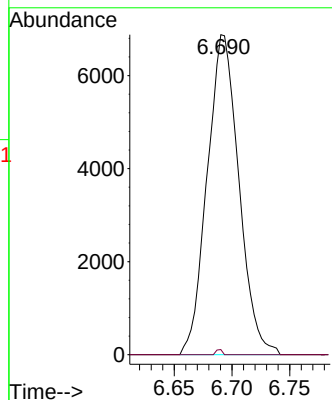
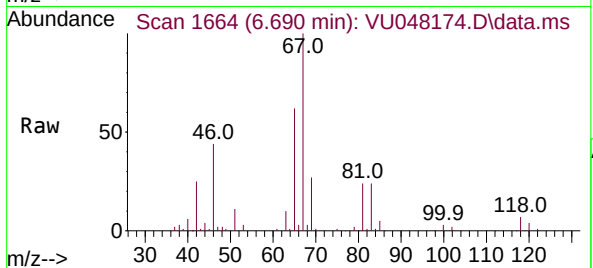
C0J58

Tgt Ion: 63 Resp: 13142

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048174.D

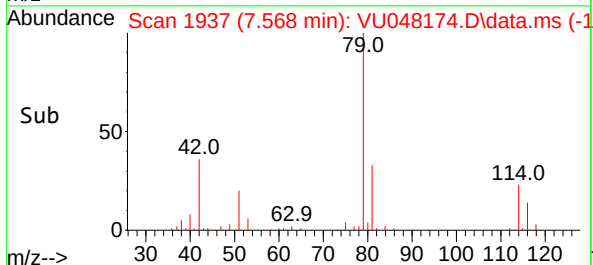
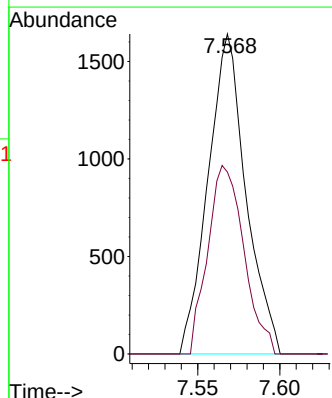
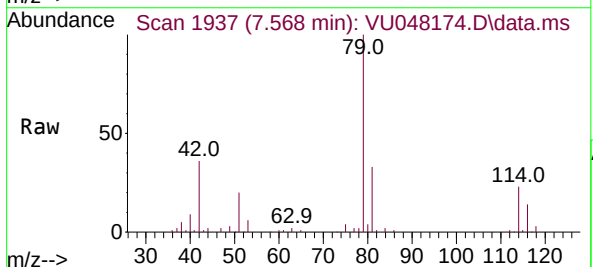
Acq: 21 Apr 2022 15:42

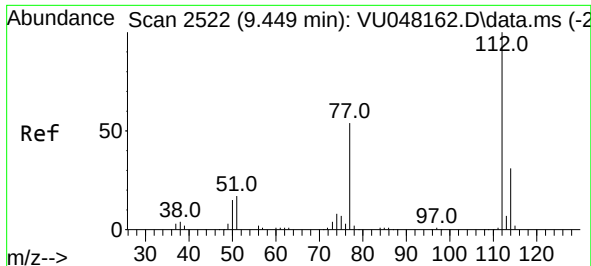
Tgt Ion: 75 Resp: 2627

Ion Ratio Lower Upper

75 100

77 56.9 21.8 40.6#

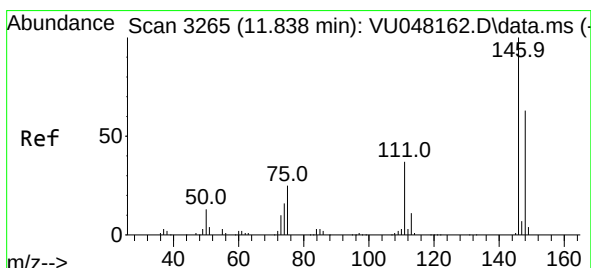
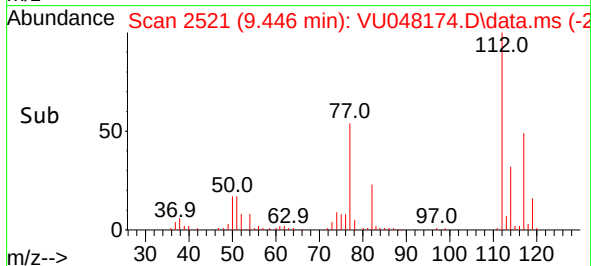
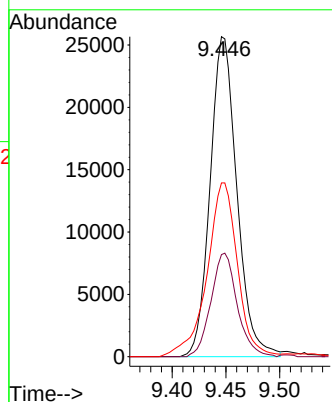
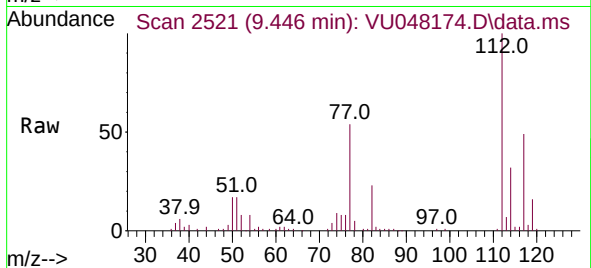




#51
Chlorobenzene
Concen: 6.173 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

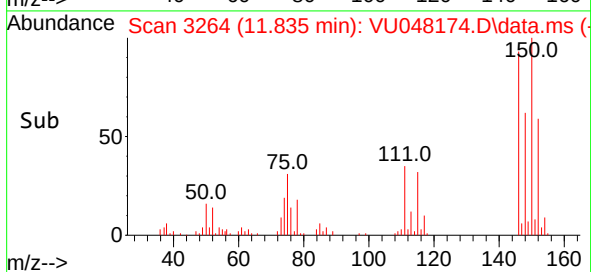
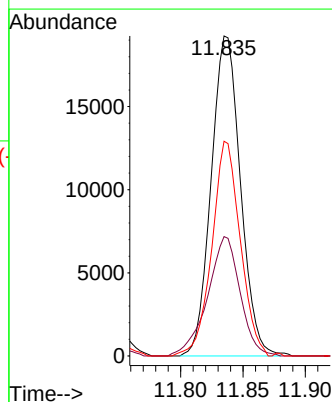
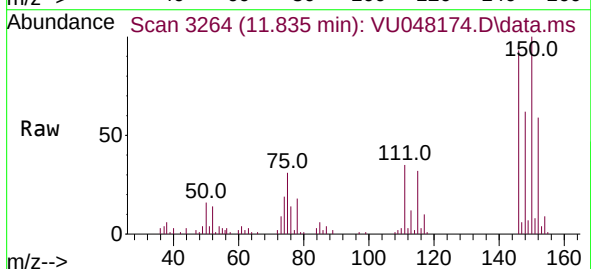
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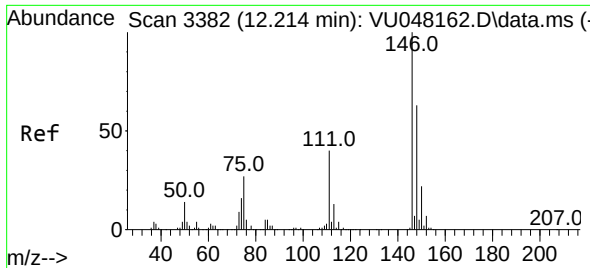
Tgt Ion:112 Resp: 44507
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 54.3 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 6.347 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

Tgt Ion:146 Resp: 31499
Ion Ratio Lower Upper
146 100
111 37.3 25.3 47.1
148 67.1 44.5 82.7

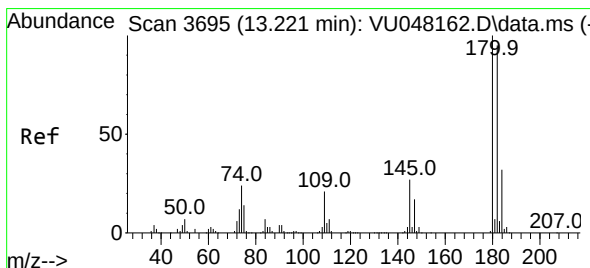
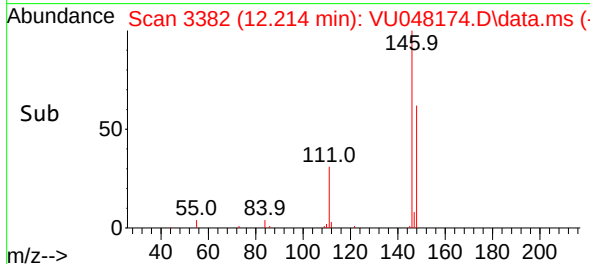
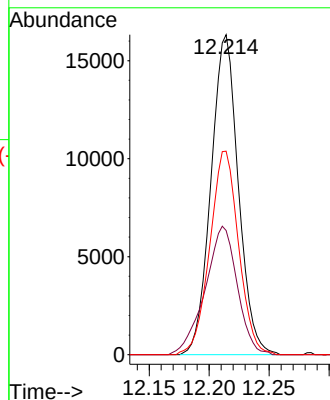
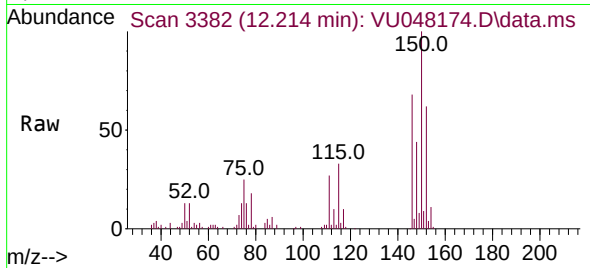




#67
1,2-Dichlorobenzene
Concen: 5.402 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

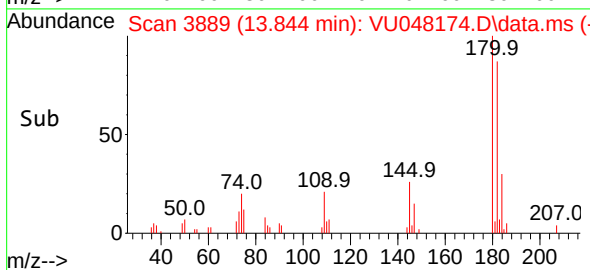
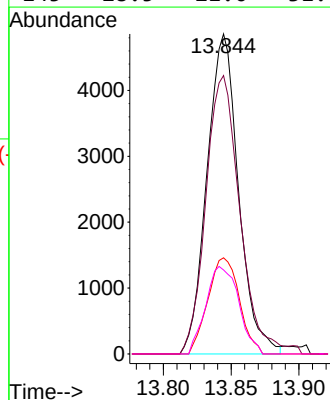
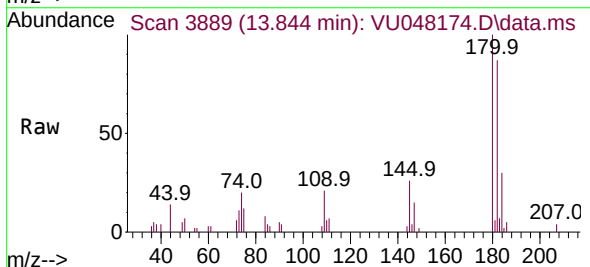
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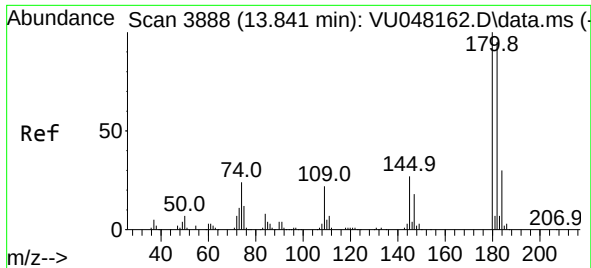
Tgt Ion:146 Resp: 25896
Ion Ratio Lower Upper
146 100
111 38.8 31.7 47.5
148 63.6 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 2.025 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048174.D
Acq: 21 Apr 2022 15:42

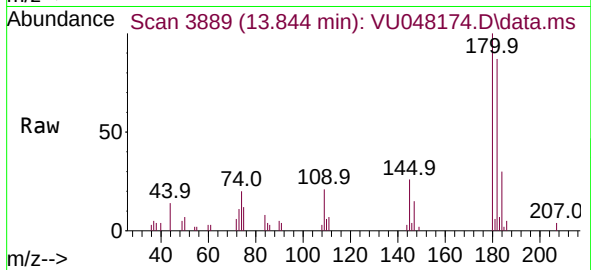
Tgt Ion:180 Resp: 7879
Ion Ratio Lower Upper
180 100
182 92.9 77.0 115.6
184 29.8 24.5 36.7
145 28.5 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.312 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048174.D
 Acq: 21 Apr 2022 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J58



Tgt Ion:	180	Resp:	7879
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.2	114.2
145	28.5	21.8	32.8

