

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048120.D
 Acq On : 18 Apr 2022 14:53
 Operator : SY/MD
 Sample : N2374-02ME
 Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFFD5ME

Quant Time: Apr 19 03:40:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

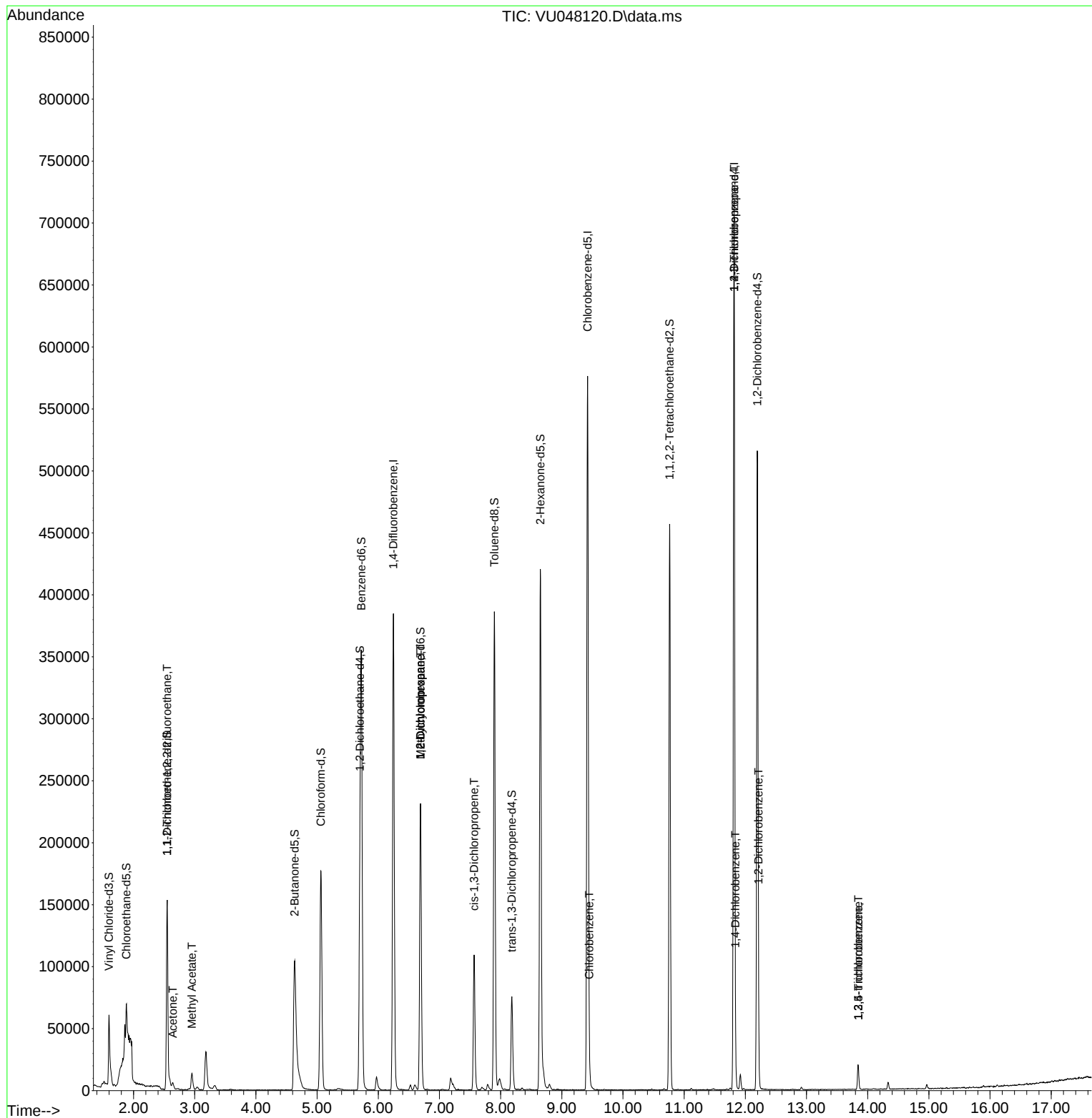
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	335821	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	369687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	199188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	60725	24.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	49.880%#		
7) Chloroethane-d5	1.884	69	38198	19.893	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	39.780%#		
11) 1,1-Dichloroethene-d2	2.549	63	90190	20.242	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	40.480%#		
21) 2-Butanone-d5	4.633	46	202315	96.791	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.790%		
24) Chloroform-d	5.061	84	170199	38.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.400%		
26) 1,2-Dichloroethane-d4	5.700	65	115594	42.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.600%		
32) Benzene-d6	5.723	84	322443	34.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.320%#		
36) 1,2-Dichloropropane-d6	6.691	67	116711	40.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.700%		
41) Toluene-d8	7.896	98	271854	29.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	60.000%#		
43) trans-1,3-Dichloroprop...	8.183	79	49729	34.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.720%		
47) 2-Hexanone-d5	8.649	63	153892	92.019	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.020%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	223125	45.509	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	143507	40.496	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	850	0.343	ug/L #	18
13) Acetone	2.643	43	6290	3.234	ug/L	97
15) Methyl Acetate	2.954	43	17202	5.546	ug/L	95
35) Methylcyclohexane	6.691	83	26933	6.311	ug/L #	21
37) 1,2-Dichloropropane	6.691	63	11669	4.290	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2581	0.611	ug/L #	50
51) Chlorobenzene	9.449	112	6579	0.825	ug/L	97
60) 1,2,3-Trichloropropane	11.816	75	22423	5.971	ug/L #	65
65) 1,4-Dichlorobenzene	11.838	146	6687	1.079	ug/L	93
67) 1,2-Dichlorobenzene	12.215	146	6186	1.033	ug/L	90
69) 1,3,5-Trichlorobenzene	13.845	180	7804	1.606	ug/L	94
70) 1,2,4-trichlorobenzene	13.845	180	7804	1.833	ug/L	95

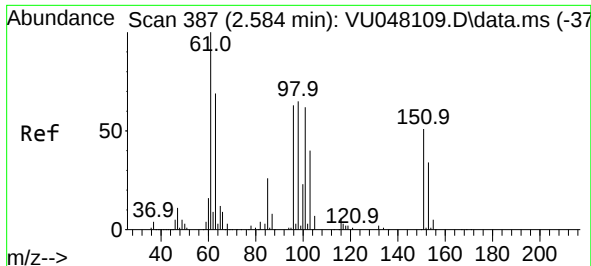
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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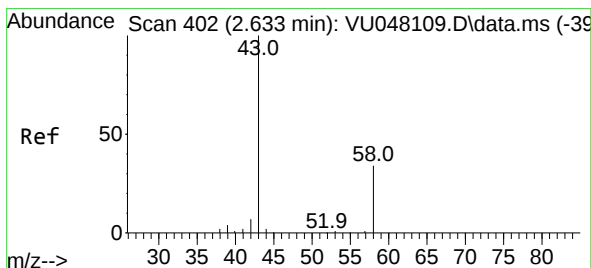
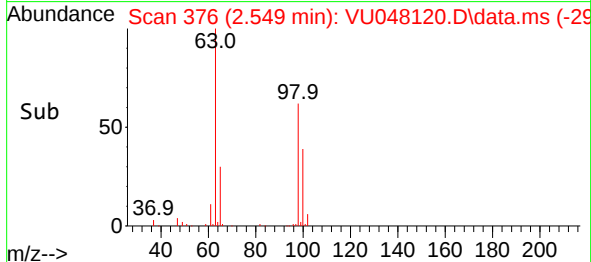
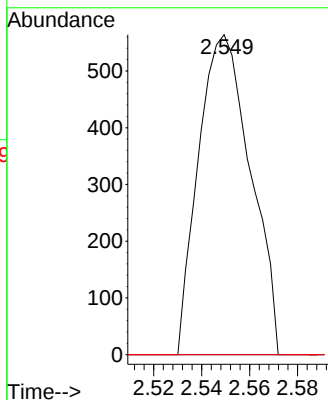
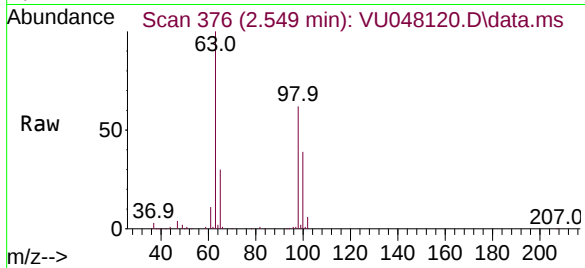




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.343 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

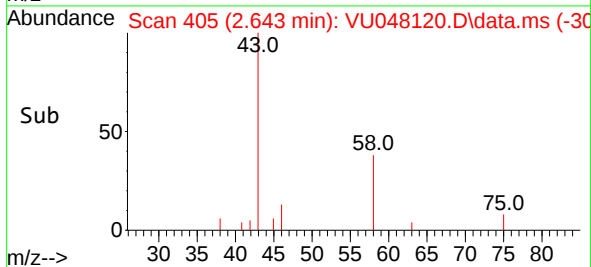
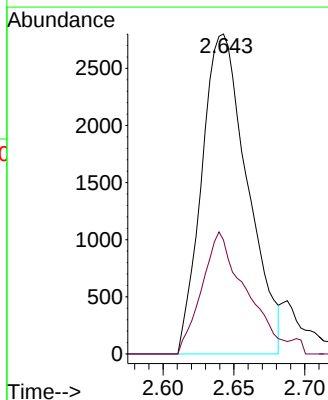
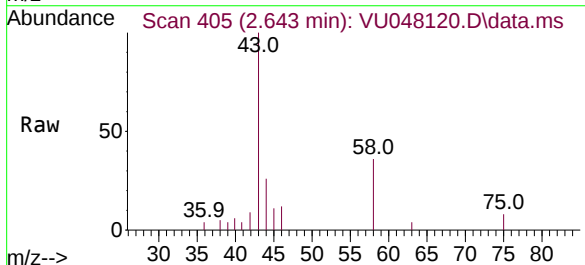
Instrument :
MSVOA_U
ClientSampleId :
BFFD5ME

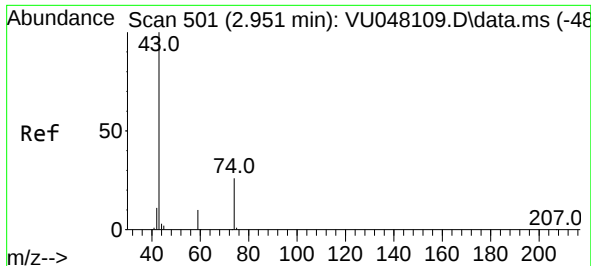
Tgt Ion:101 Resp: 850
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#13
Acetone
Concen: 3.234 ug/L
RT: 2.643 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
58 36.8 0.0 70.0

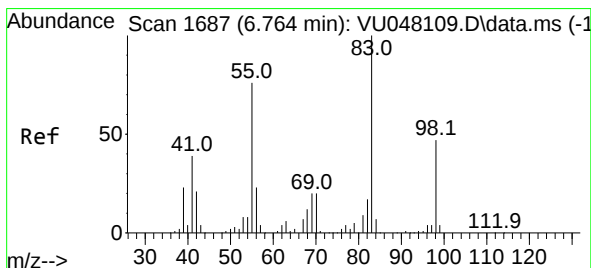
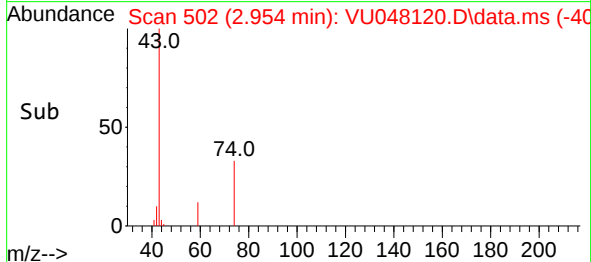
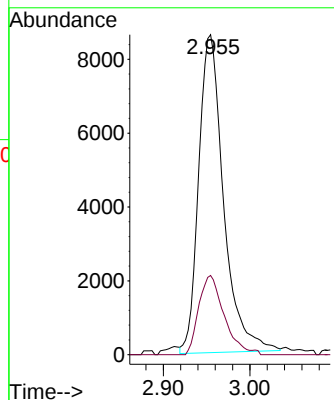
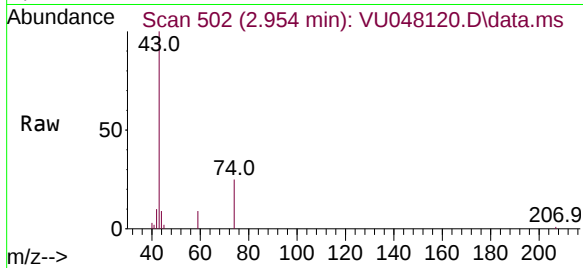




#15
Methyl Acetate
Concen: 5.546 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

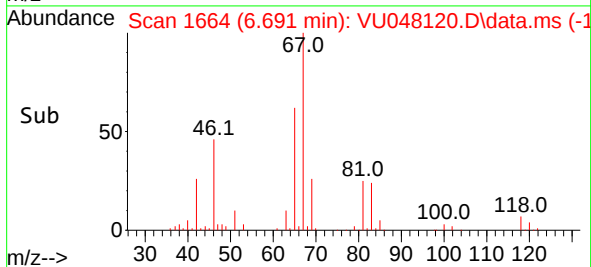
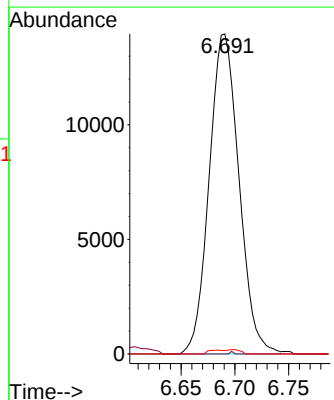
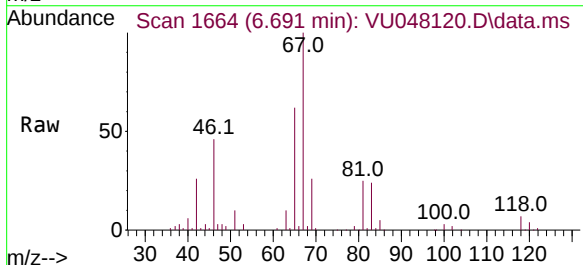
Instrument :
MSVOA_U
ClientSampleId :
BFFD5ME

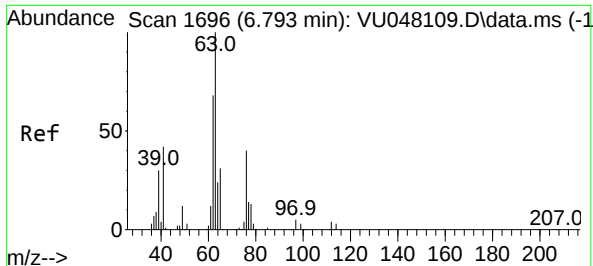
Tgt Ion: 43 Resp: 17202
Ion Ratio Lower Upper
43 100
74 25.0 22.2 33.2



#35
Methylcyclohexane
Concen: 6.311 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

Tgt Ion: 83 Resp: 26933
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.6 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 4.290 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048120.D

Acq: 18 Apr 2022 14:53

Instrument :

MSVOA_U

ClientSampleId :

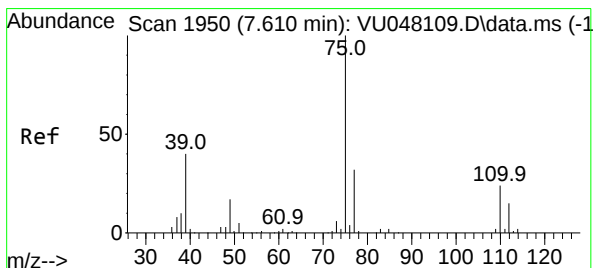
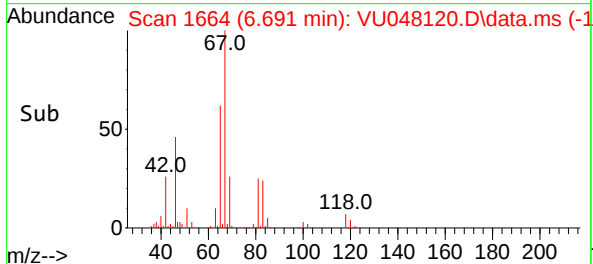
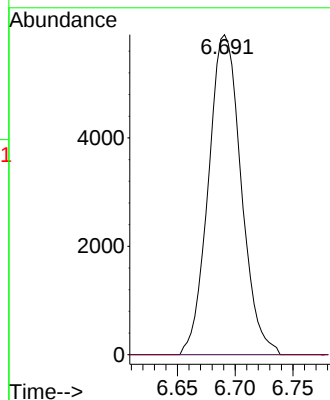
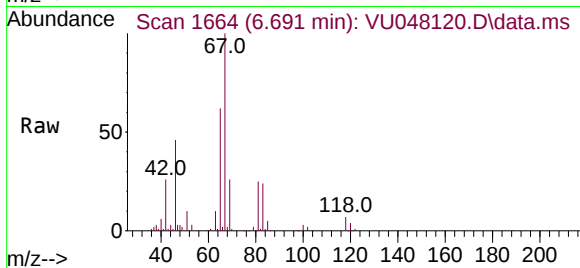
BFFD5ME

Tgt Ion: 63 Resp: 11669

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048120.D

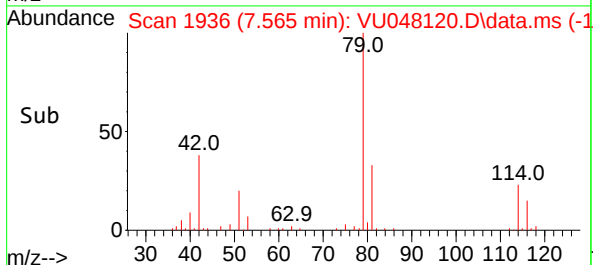
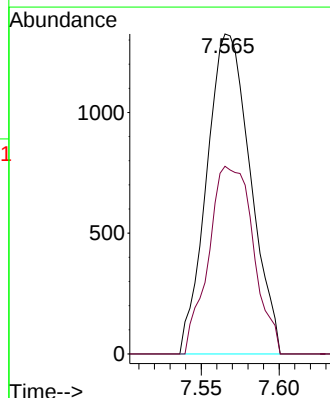
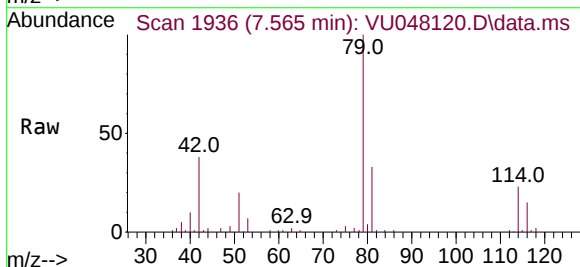
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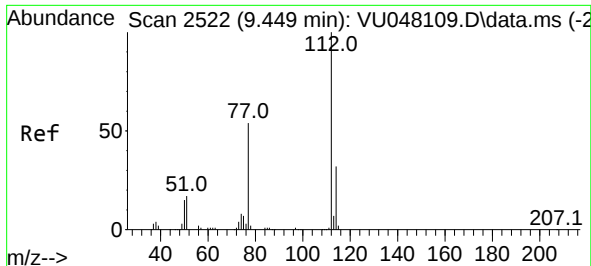
Tgt Ion: 75 Resp: 2581

Ion Ratio Lower Upper

75 100

77 58.6 21.8 40.6#

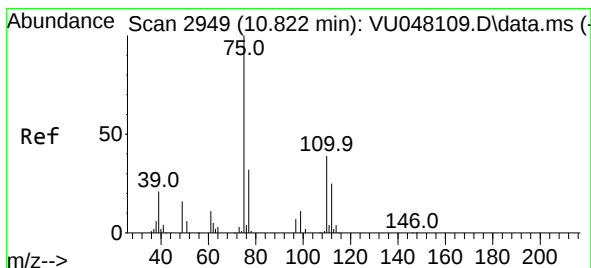
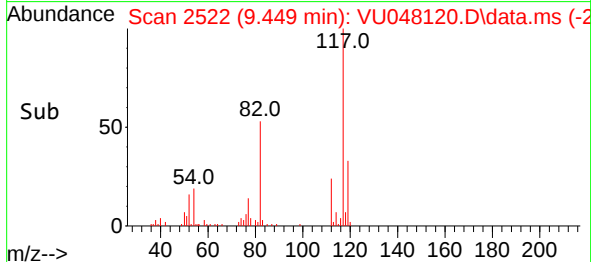
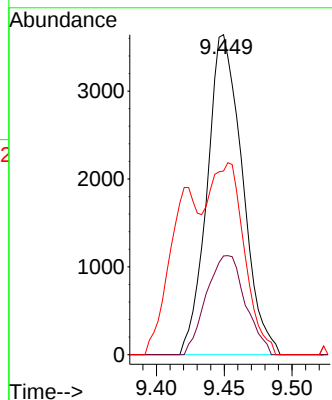
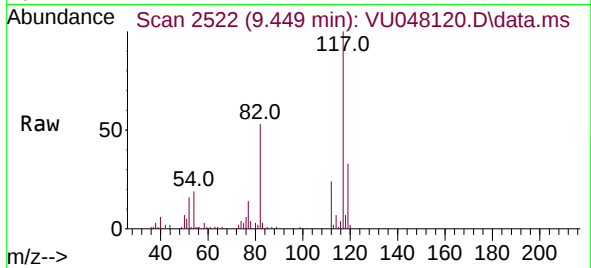




#51
Chlorobenzene
Concen: 0.825 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

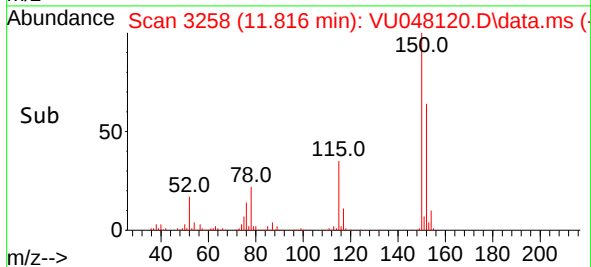
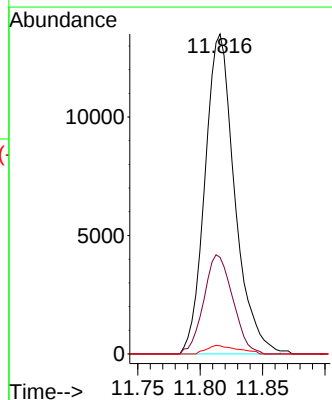
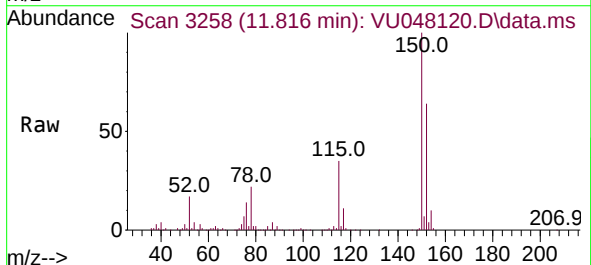
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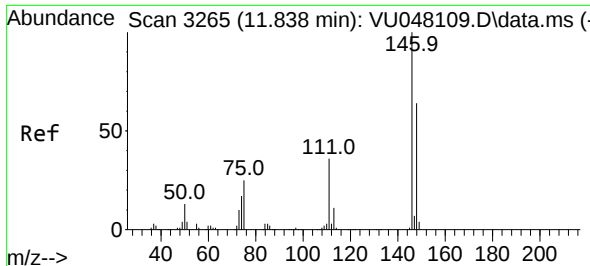
Tgt Ion:112	Resp:	6579
Ion	Ratio	Lower Upper
112	100	
114	30.9	22.1 41.1
77	57.4	43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 5.971 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.994 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

Tgt Ion: 75	Resp:	22423
Ion	Ratio	Lower Upper
75	100	
77	30.1	26.0 39.0
110	2.8	31.4 47.2#

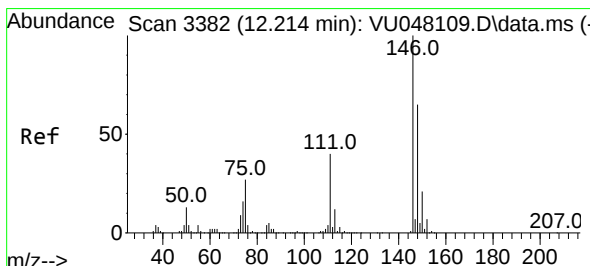
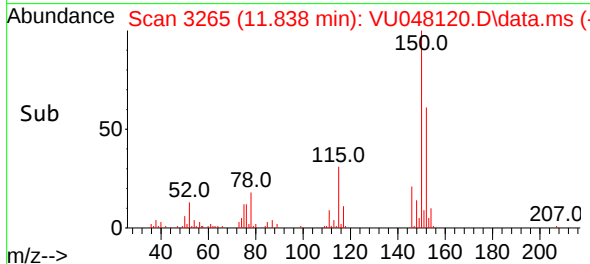
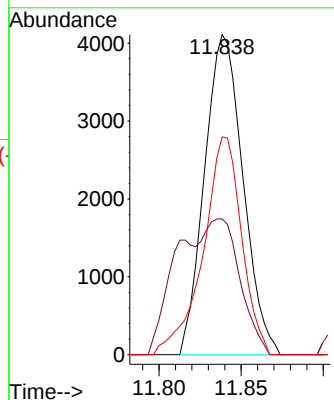
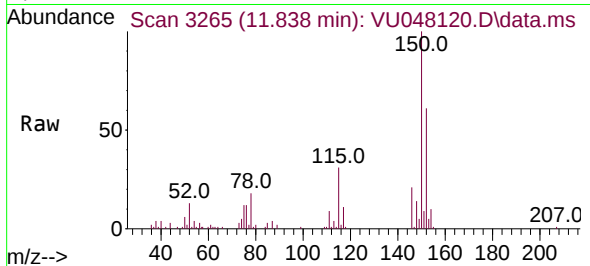




#65
1,4-Dichlorobenzene
Concen: 1.079 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

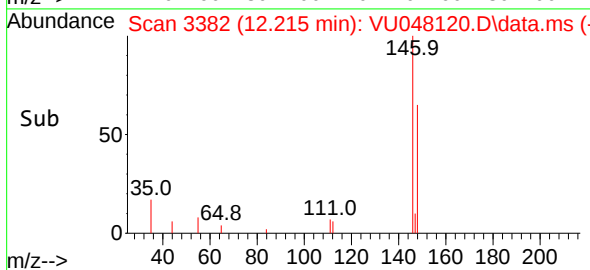
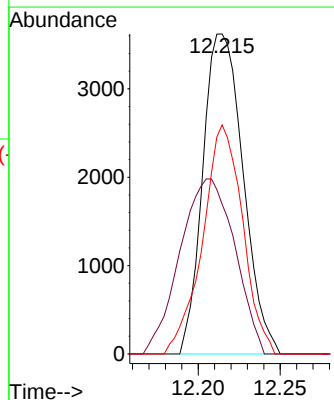
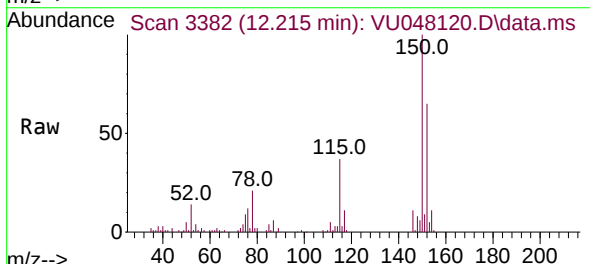
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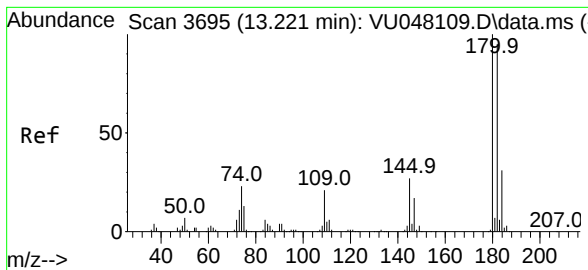
Tgt Ion:	146	Resp:	6687
Ion	Ratio	Lower	Upper
146	100		
111	42.4	25.3	47.1
148	68.1	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 1.033 ug/L
RT: 12.215 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

Tgt Ion:	146	Resp:	6186
Ion	Ratio	Lower	Upper
146	100		
111	46.8	31.7	47.5
148	71.5	51.4	77.2

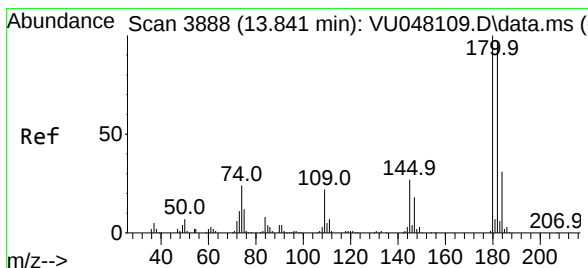
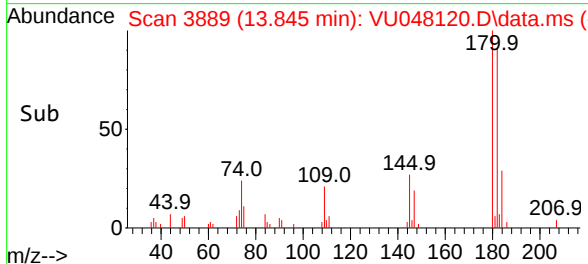
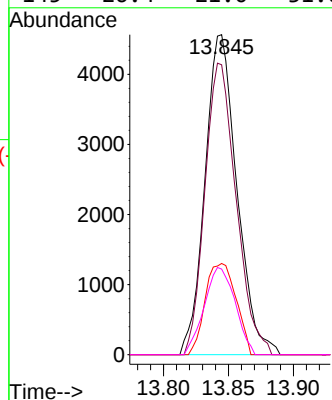
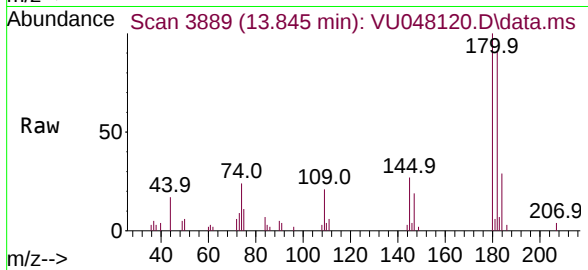




#69
1,3,5-Trichlorobenzene
Concen: 1.606 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.624 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

Instrument :
MSVOA_U
ClientSampleId :
BFFD5ME

Tgt Ion:180	Resp:	7804
Ion Ratio	Lower	Upper
180	100	
182	88.9	77.0 115.6
184	27.5	24.5 36.7
145	26.4	21.0 31.6



#70
1,2,4-trichlorobenzene
Concen: 1.833 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.004 min
Lab File: VU048120.D
Acq: 18 Apr 2022 14:53

Tgt Ion:180	Resp:	7804
Ion Ratio	Lower	Upper
180	100	
182	88.9	76.2 114.2
145	26.4	21.8 32.8

