

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080322\
 Data File : VU050051.D
 Acq On : 03 Aug 2022 13:54
 Operator : SY/MD
 Sample : VU0803WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK098

Quant Time: Aug 04 01:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 04 01:44:33 2022
 Response via : Initial Calibration

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

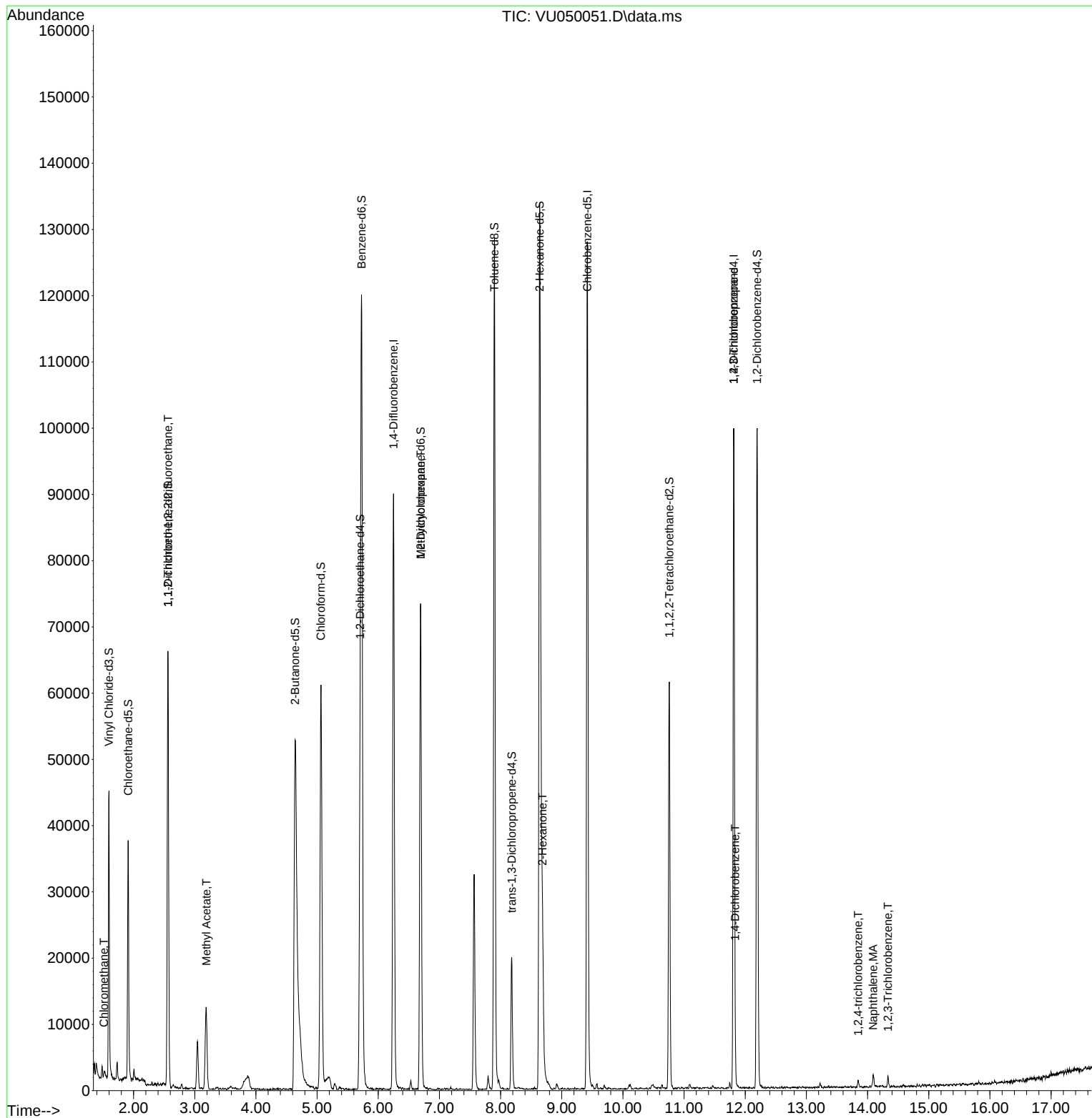
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76377	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	76156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31851	4.857	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.912	69	26290	5.581	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.600%	
11) 1,1-Dichloroethene-d2	2.562	65	12267	5.428	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.600%	
20) 2-Butanone-d5	4.639	46	83055	56.895	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.800%	
24) Chloroform-d	5.063	84	58224	5.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4	5.703	65	30459	5.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
32) Benzene-d6	5.729	84	115369	5.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.694	67	38992	5.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.899	98	89615	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.182	79	12202	4.722	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.639	63	43975	45.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32939	5.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	28567	5.481	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1021	0.146	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	397	0.087	ug/L #	21
15) Methyl Acetate	3.189	43	838	0.394	ug/L #	48
35) Methylcyclohexane	6.694	83	8637	1.212	ug/L #	19
48) 2-Hexanone	8.687	43	12624	4.679	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3652	1.119	ug/L #	66
65) 1,4-Dichlorobenzene	11.835	146	566	0.072	ug/L	82
70) 1,2,4-trichlorobenzene	13.844	180	642	0.140	ug/L #	84
71) Naphthalene	14.092	128	2491	0.275	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.333	180	842	0.186	ug/L #	78

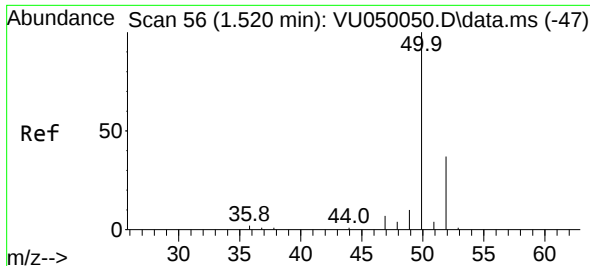
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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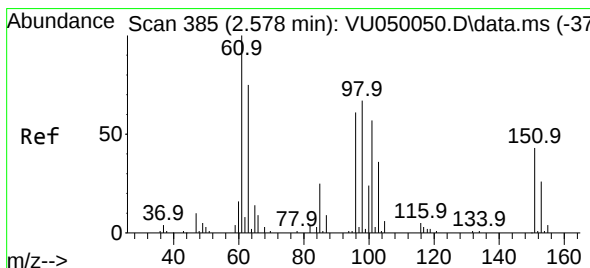
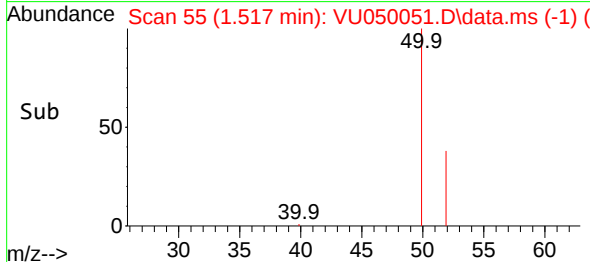
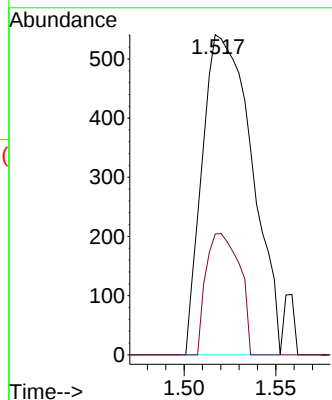
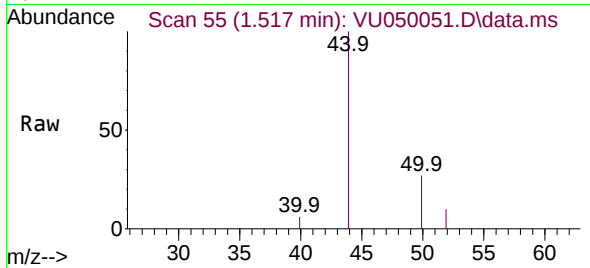




#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

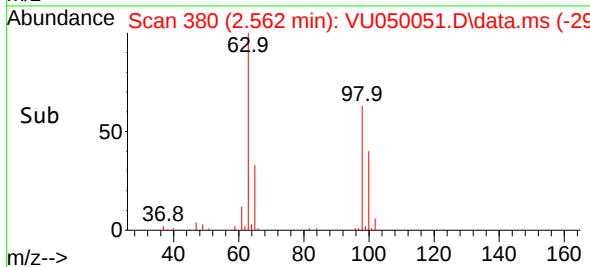
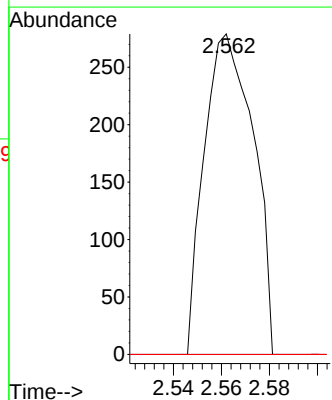
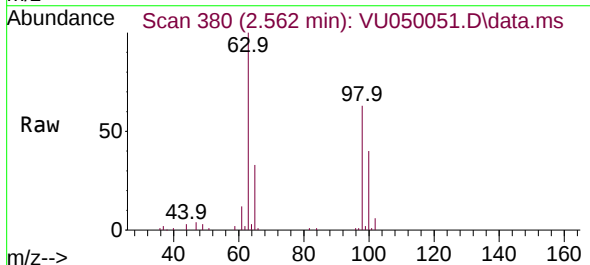
Instrument :
MSVOA_U
ClientSampleId :
VBLK098

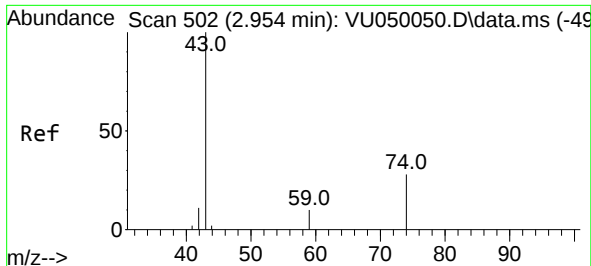
Tgt Ion: 50 Resp: 1021
Ion Ratio Lower Upper
50 100
52 37.7 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

Tgt Ion: 101 Resp: 397
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

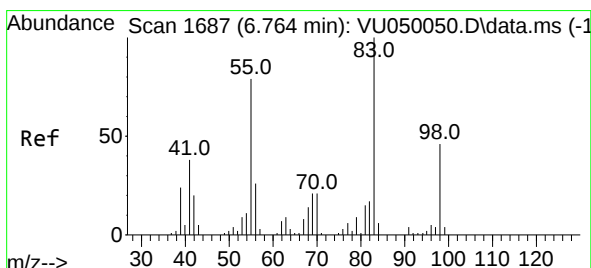
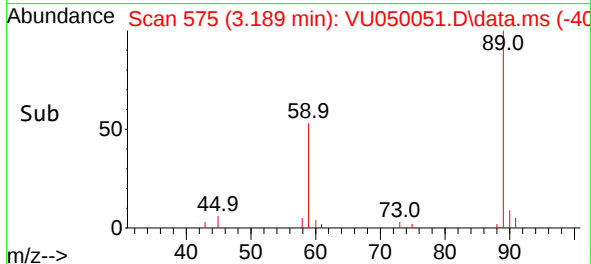
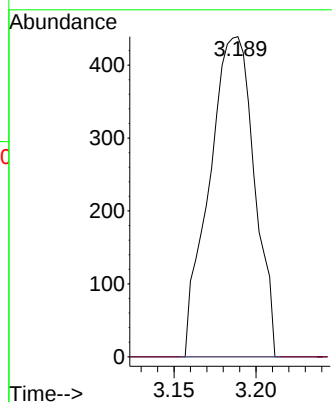
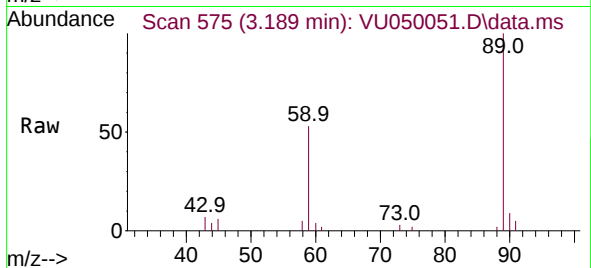




#15
Methyl Acetate
Concen: 0.394 ug/L
RT: 3.189 min Scan# 51
Delta R.T. 0.235 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

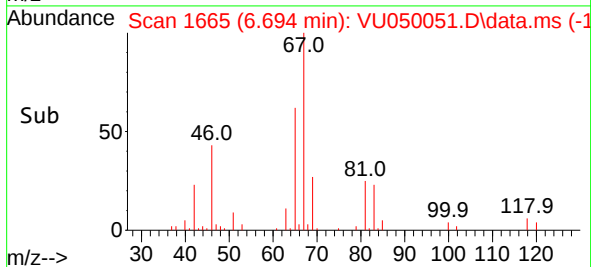
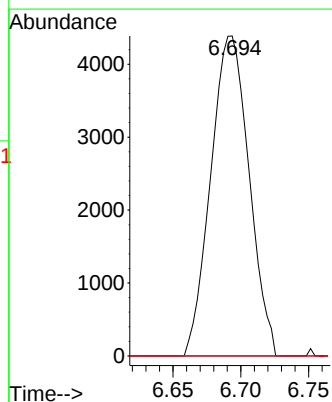
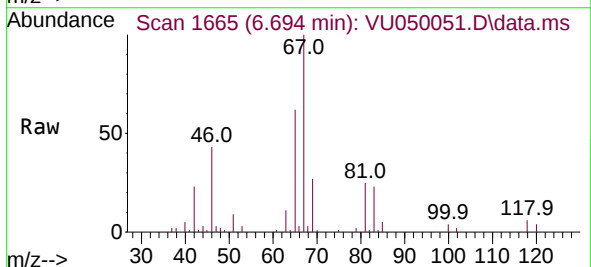
Instrument :
MSVOA_U
ClientSampleId :
VBLK098

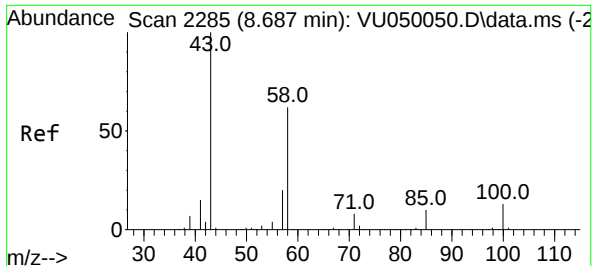
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#35
Methylcyclohexane
Concen: 1.212 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

Tgt Ion: 83 Resp: 8637
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 34.8 52.2#

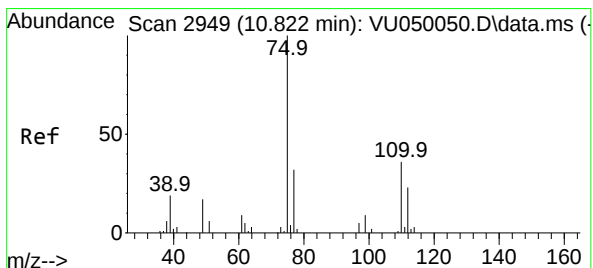
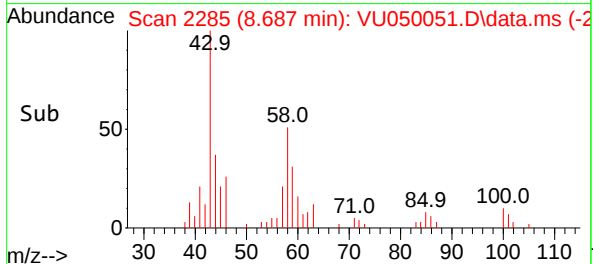
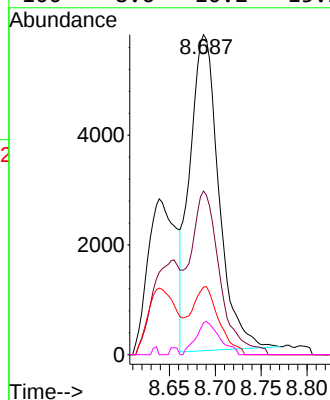
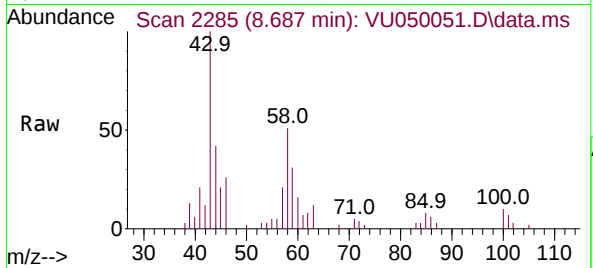




#48
2-Hexanone
Concen: 4.679 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

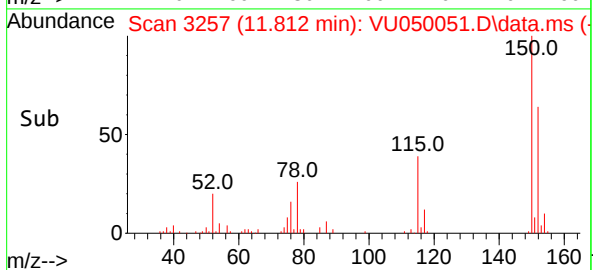
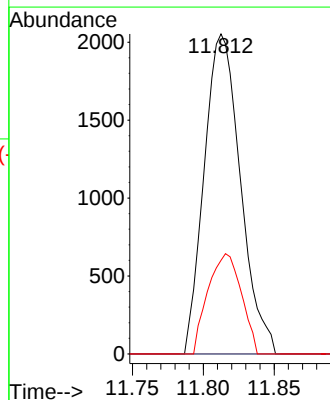
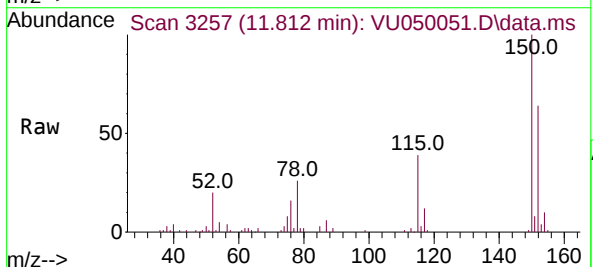
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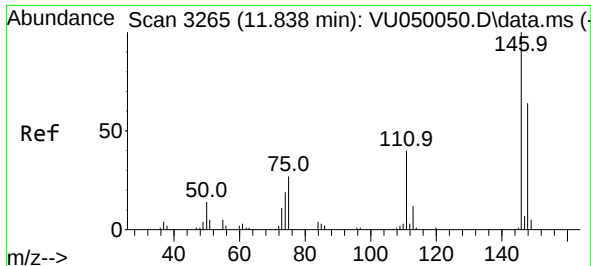
Tgt Ion:	43	Resp:	12624
Ion	Ratio	Lower	Upper
43	100		
58	51.5	49.4	74.0
57	19.5	17.0	25.4
100	8.6	10.2	15.2



#61
1,2,3-Trichloropropane
Concen: 1.119 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

Tgt Ion:	75	Resp:	3652
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.1	42.1
77	28.8	24.7	37.1

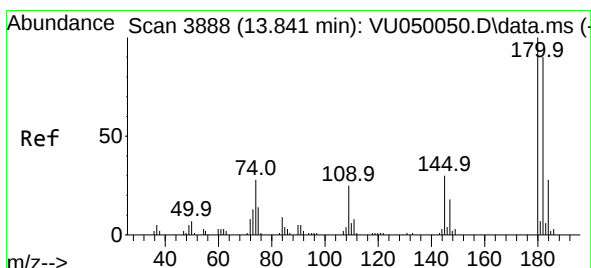
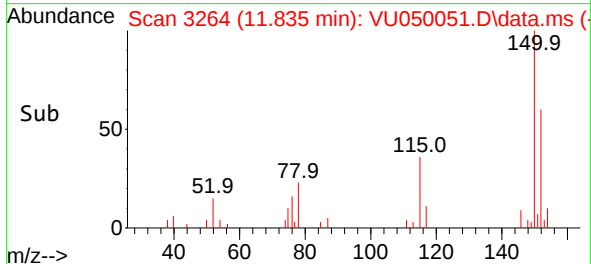
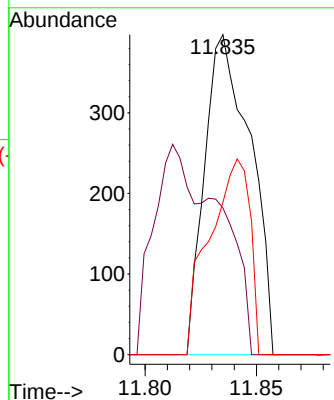
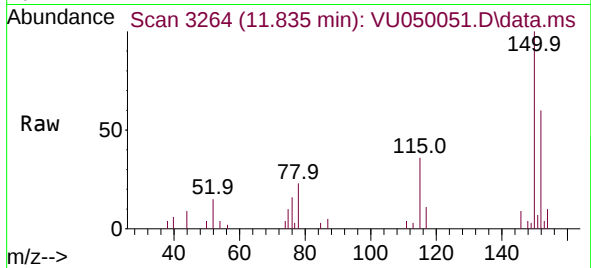




#65
 1,4-Dichlorobenzene
 Concen: 0.072 ug/L
 RT: 11.835 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050051.D
 Acq: 03 Aug 2022 13:54

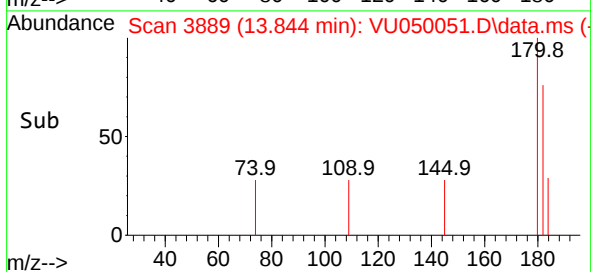
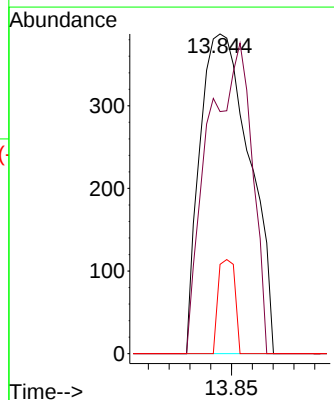
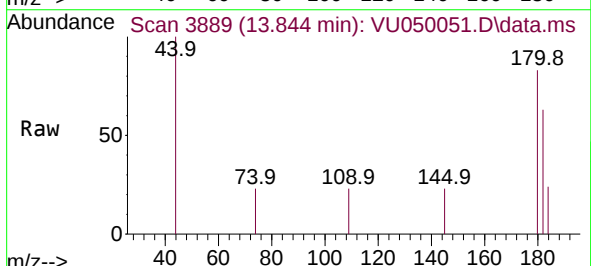
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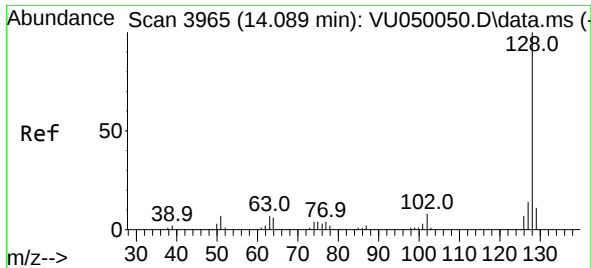
Tgt Ion:146	Resp:	566
Ion Ratio	Lower	Upper
146	100	
111	45.8	26.4 49.0
148	47.6	44.3 82.3



#70
 1,2,4-trichlorobenzene
 Concen: 0.140 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU050051.D
 Acq: 03 Aug 2022 13:54

Tgt Ion:180	Resp:	642
Ion Ratio	Lower	Upper
180	100	
182	85.8	75.8 113.6
145	10.0	23.8 35.8#

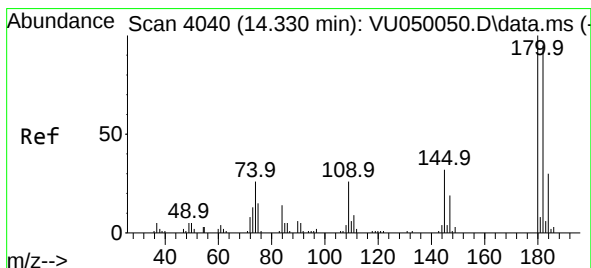
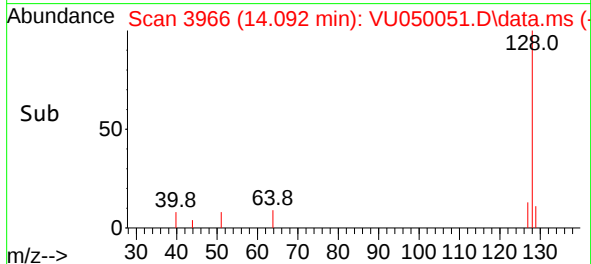
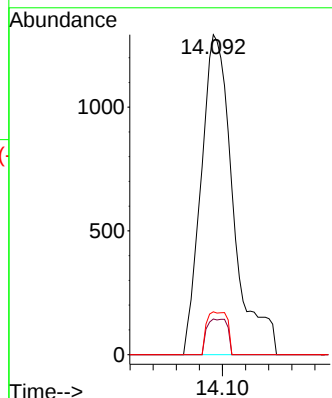
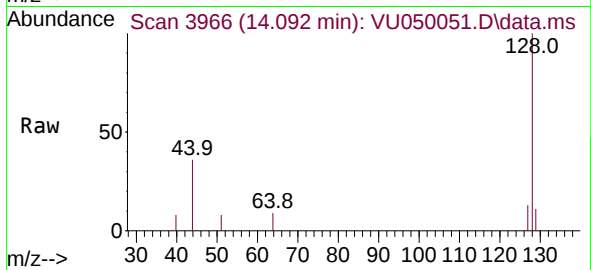




#71
Naphthalene
Concen: 0.275 ug/L
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128 Resp: 2491
Ion Ratio Lower Upper
128 100
129 7.1 8.5 12.7#
127 8.6 10.3 15.5#



#72
1,2,3-Trichlorobenzene
Concen: 0.186 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050051.D
Acq: 03 Aug 2022 13:54

Tgt Ion:180 Resp: 842
Ion Ratio Lower Upper
180 100
182 83.3 77.0 115.4
145 5.2 26.3 39.5#

