

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050907.D
 Acq On : 22 Sep 2022 18:49
 Operator : JC/MD
 Sample : N4747-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A4

Quant Time: Sep 23 01:13:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

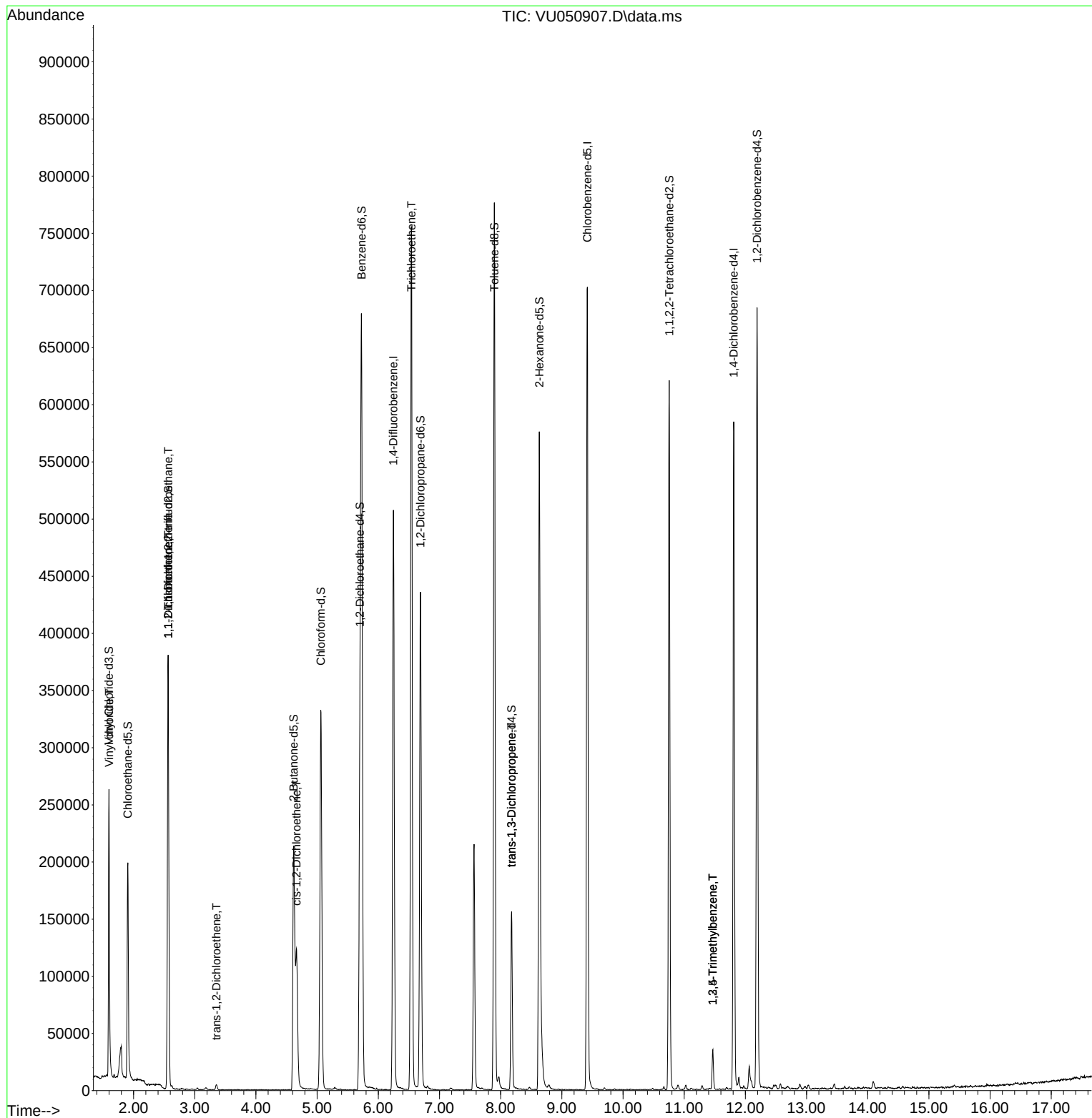
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	400247	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	152008	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	180162	43.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.900%		
7) Chloroethane-d5	1.906	69	144822	49.037	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.080%		
11) 1,1-Dichloroethene-d2	2.565	63	219610	34.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.060%		
21) 2-Butanone-d5	4.616	46	306276	114.402	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.400%		
24) Chloroform-d	5.060	84	305287	46.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.960%		
26) 1,2-Dichloroethane-d4	5.700	65	201199	50.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.480%		
32) Benzene-d6	5.726	84	623467	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
36) 1,2-Dichloropropane-d6	6.690	67	214167	49.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.940%		
41) Toluene-d8	7.896	98	508978	45.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.800%		
43) trans-1,3-Dichloroprop...	8.179	79	85691	45.504	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.000%		
47) 2-Hexanone-d5	8.632	63	182666	102.396	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.400%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	314505	47.654	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	177737	55.845	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.700%		
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	8621	1.828	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2170	0.663	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1840	0.598	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	1898	0.602	ug/L	94
20) cis-1,2-Dichloroethene	4.665	96	57293	16.384	ug/L	97
34) Trichloroethene	6.539	95	263987	79.314	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	3725	0.746	ug/L	88
62) 1,3,5-Trimethylbenzene	11.468	105	18409	2.061	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	18409	2.082	ug/L	99

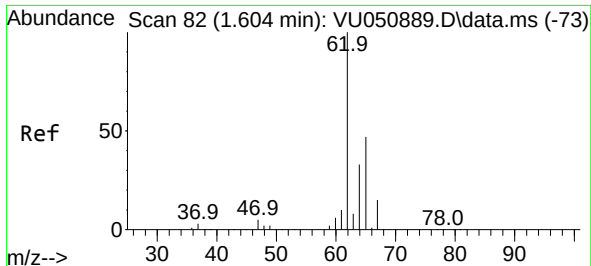
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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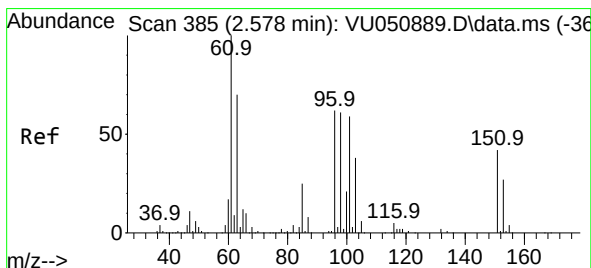
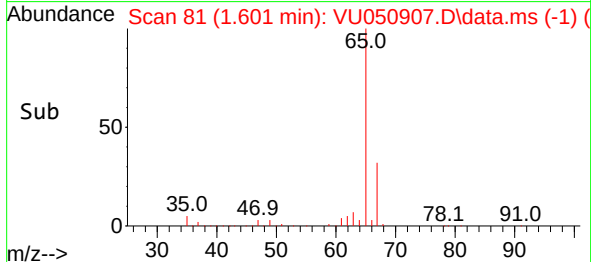
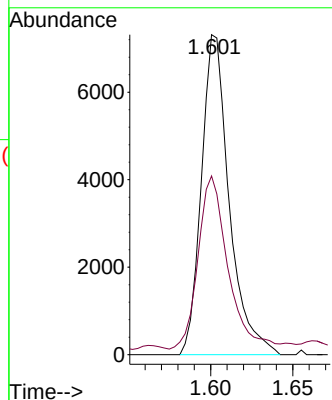
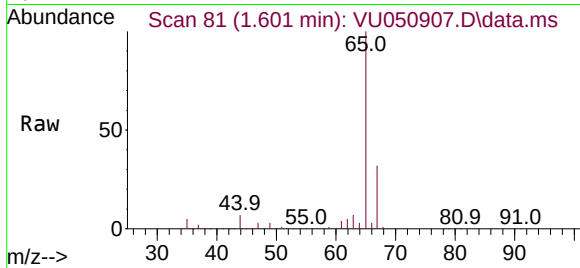




#5
 Vinyl chloride
 Concen: 1.828 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050907.D
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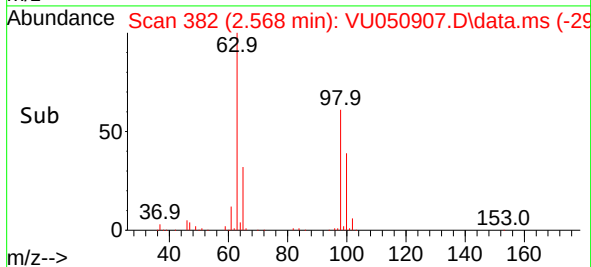
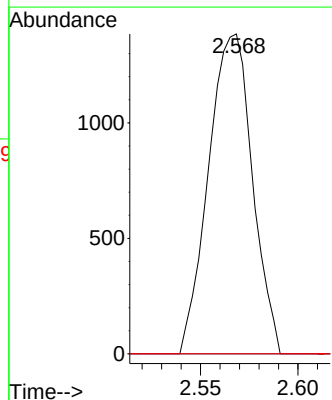
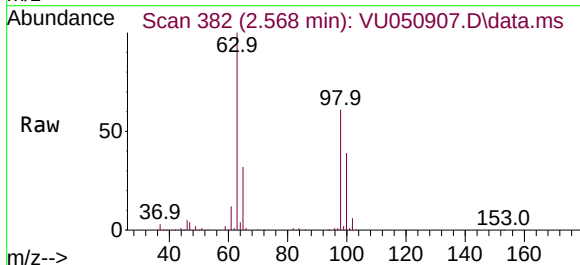
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A4

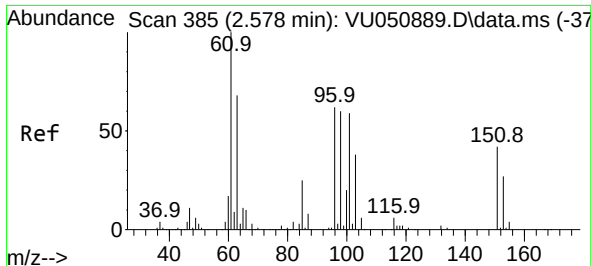
Tgt Ion: 62 Resp: 8621
 Ion Ratio Lower Upper
 62 100
 64 55.9 22.2 41.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.663 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050907.D
 Acq: 22 Sep 2022 18:49

Tgt Ion: 101 Resp: 2170
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#





#12

1,1-Dichloroethene

Concen: 0.598 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU050907.D

Acq: 22 Sep 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

E45A4

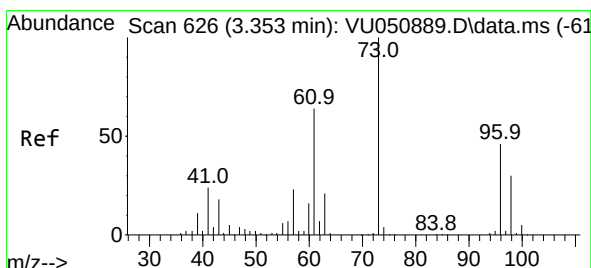
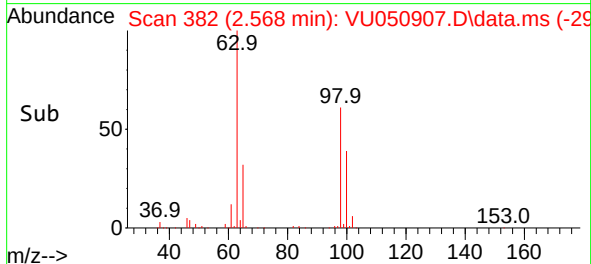
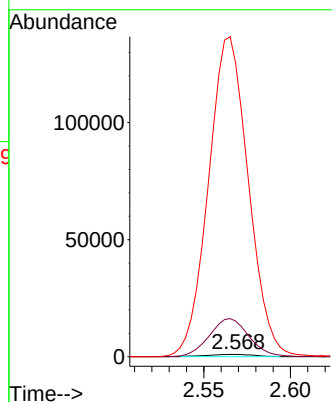
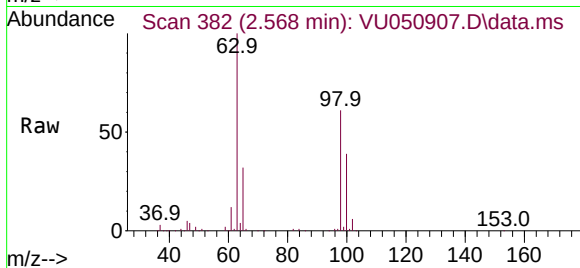
Tgt Ion: 96 Resp: 1840

Ion Ratio Lower Upper

96 100

61 1548.8 118.6 220.2#

63 12736.7 90.4 168.0#



#17

trans-1,2-Dichloroethene

Concen: 0.602 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU050907.D

Acq: 22 Sep 2022 18:49

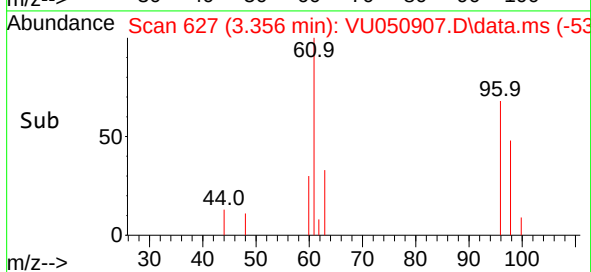
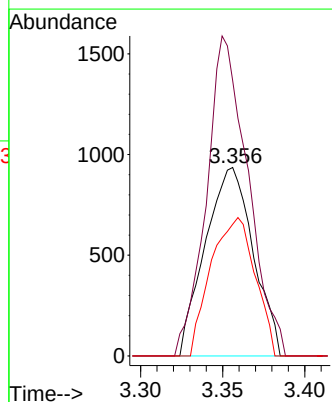
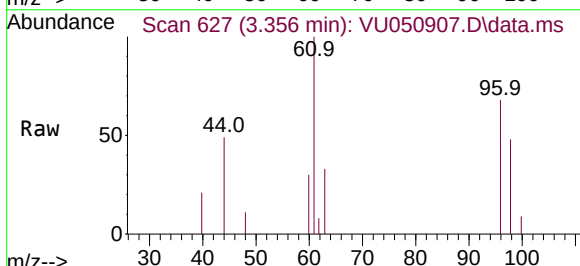
Tgt Ion: 96 Resp: 1898

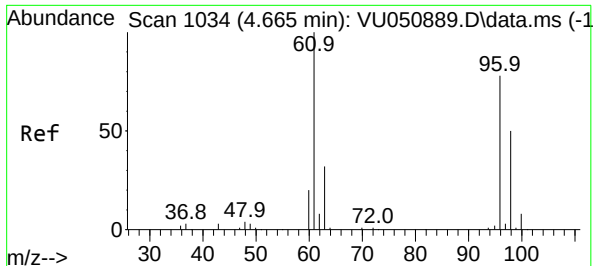
Ion Ratio Lower Upper

96 100

61 146.0 98.0 182.0

98 69.9 44.3 82.3

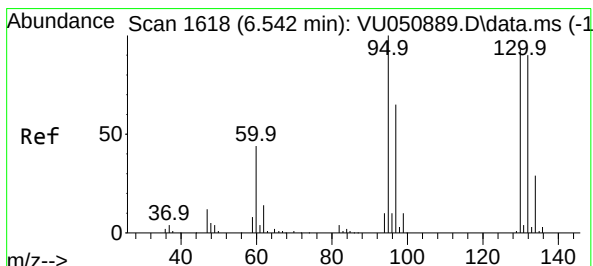
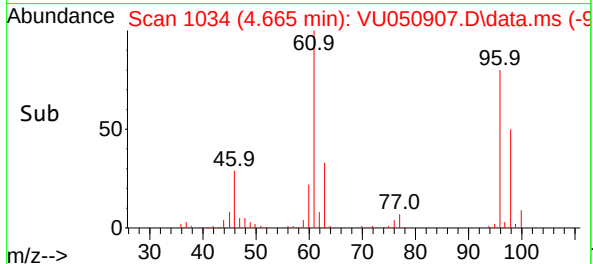
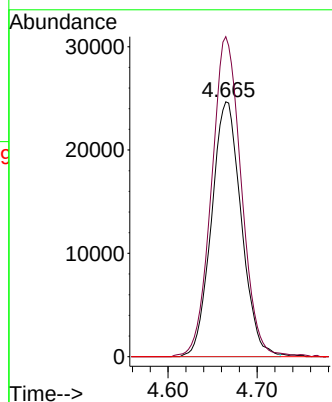
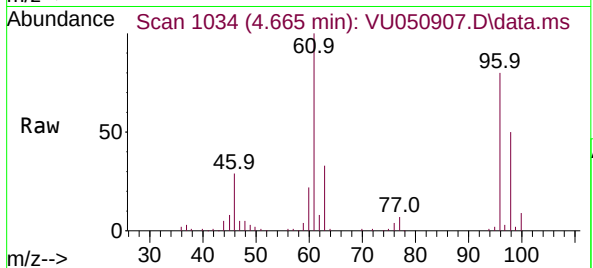




#20
cis-1,2-Dichloroethene
Concen: 16.384 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050907.D
Acq: 22 Sep 2022 18:49

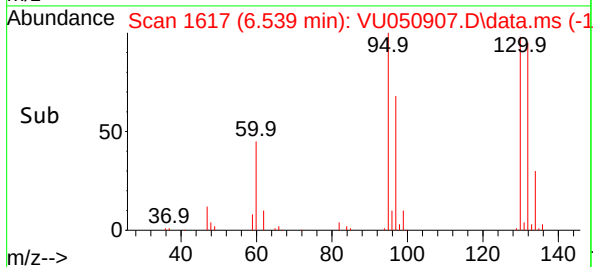
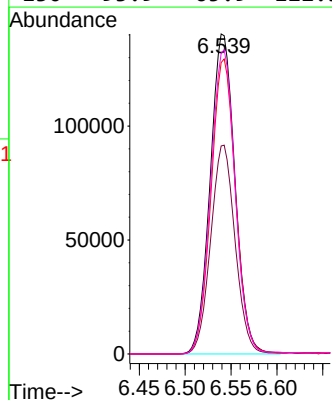
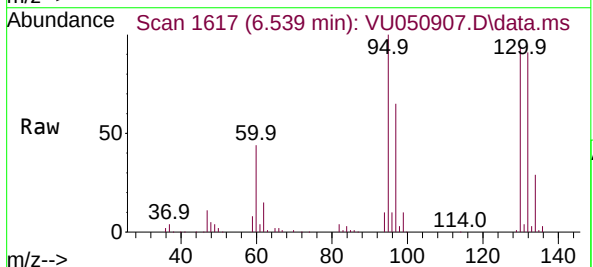
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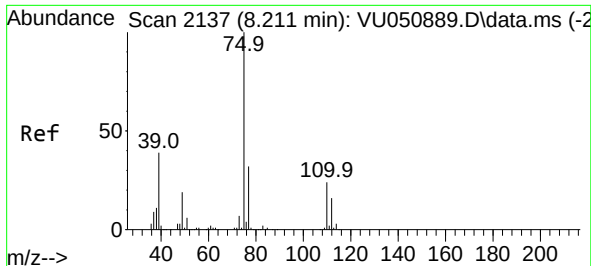
Tgt Ion: 96 Resp: 57293
Ion Ratio Lower Upper
96 100
61 125.5 90.1 167.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 79.314 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050907.D
Acq: 22 Sep 2022 18:49

Tgt Ion: 95 Resp: 263987
Ion Ratio Lower Upper
95 100
97 65.0 43.9 81.5
132 91.1 63.1 117.1
130 93.9 65.9 122.3

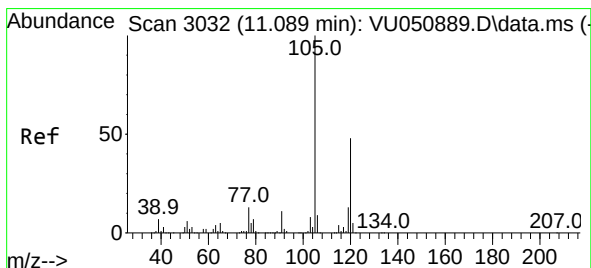
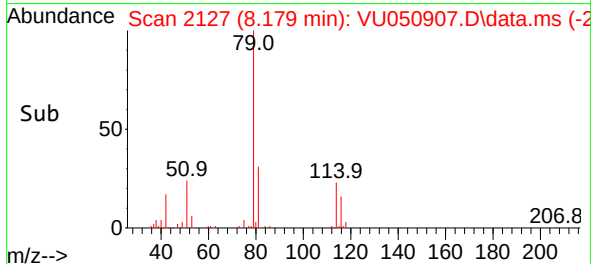
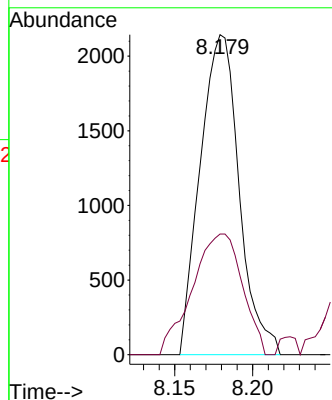
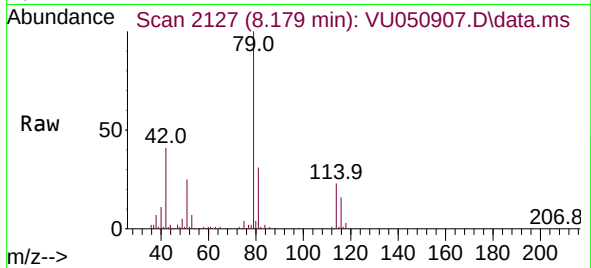




#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050907.D
Acq: 22 Sep 2022 18:49

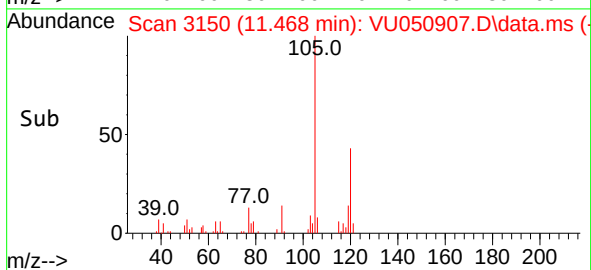
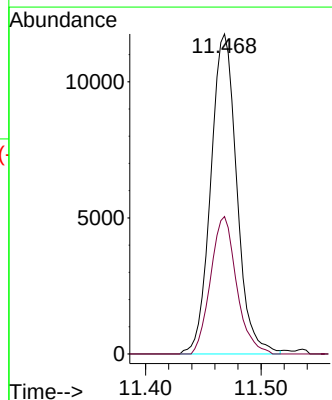
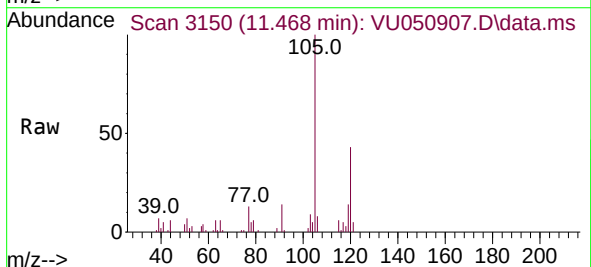
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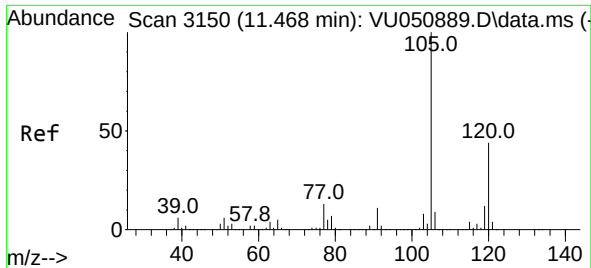
Tgt Ion: 75 Resp: 3725
Ion Ratio Lower Upper
75 100
77 37.7 21.9 40.7



#62
1,3,5-Trimethylbenzene
Concen: 2.061 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.379 min
Lab File: VU050907.D
Acq: 22 Sep 2022 18:49

Tgt Ion: 105 Resp: 18409
Ion Ratio Lower Upper
105 100
120 42.8 37.9 56.9





#63
 1,2,4-Trimethylbenzene
 Concen: 2.082 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050907.D
 Acq: 22 Sep 2022 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A4

Tgt Ion:105 Resp: 18409
 Ion Ratio Lower Upper
 105 100
 120 42.8 34.9 52.3

