

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048342.D
 Acq On : 28 Apr 2022 15:37
 Operator : SY/MD
 Sample : N2587-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

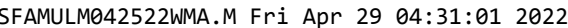
Quant Time: Apr 29 04:30:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

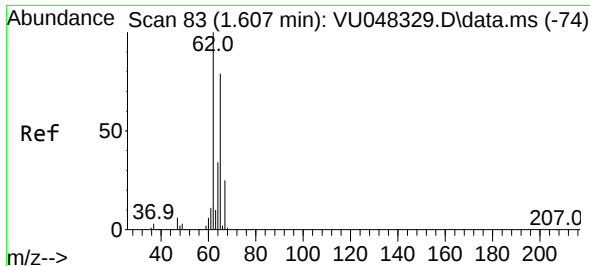
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	335609	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	138891	45.800	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.600%	
7) Chloroethane-d5	1.893	69	115457	54.239	ug/L	-0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	108.480%	
11) 1,1-Dichloroethene-d2	2.562	63	183465	37.758	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.520%	
21) 2-Butanone-d5	4.620	46	263852	102.012	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.010%	
24) Chloroform-d	5.063	84	272121	49.472	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.940%	
26) 1,2-Dichloroethane-d4	5.700	65	175992	53.925	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.860%	
32) Benzene-d6	5.726	84	577348	54.546	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.100%	
36) 1,2-Dichloropropane-d6	6.690	67	188965	54.001	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.000%	
41) Toluene-d8	7.899	98	520250	54.225	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.440%	
43) trans-1,3-Dichloroprop...	8.179	79	81747	52.942	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	105.880%	
47) 2-Hexanone-d5	8.636	63	222171	117.678	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	117.680%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	328707	53.560	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.120%	
66) 1,2-Dichlorobenzene-d4	12.195	152	230533	55.515	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.020%	
Target Compounds						
5) Vinyl chloride	1.604	62	2427	0.844	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1844	0.742	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1603	0.739	ug/L #	1
27) 1,2-Dichloroethane	5.793	62	28511	8.126	ug/L	96
33) Benzene	5.774	78	655068	65.925	ug/L	100
37) 1,2-Dichloropropane	6.796	63	1569	0.555	ug/L #	88
42) Toluene	7.970	91	114544	10.980	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	3311	0.853	ug/L	92
51) Chlorobenzene	9.446	112	466641	62.056	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	4249	0.697	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.970	75	20193	17.565	ug/L #	2

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration

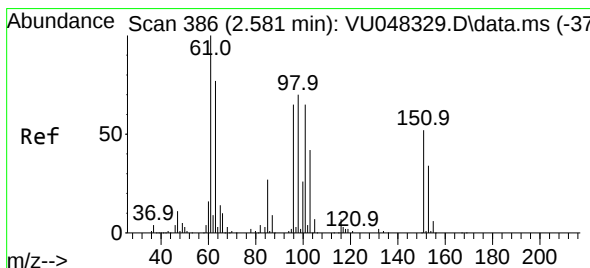
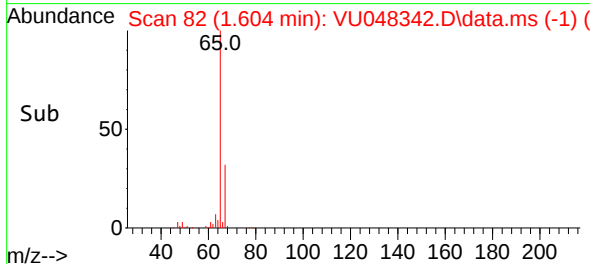
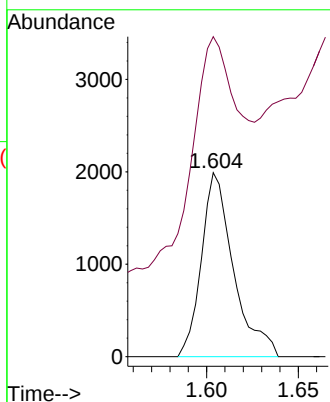
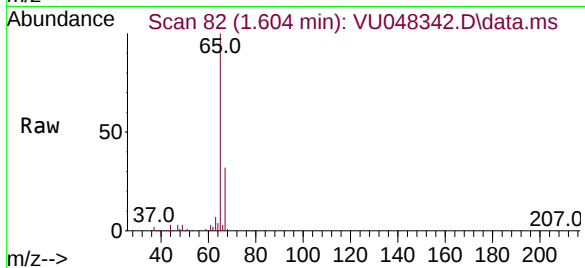




#5
 Vinyl chloride
 Concen: 0.844 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048342.D
 Acq: 28 Apr 2022 15:37

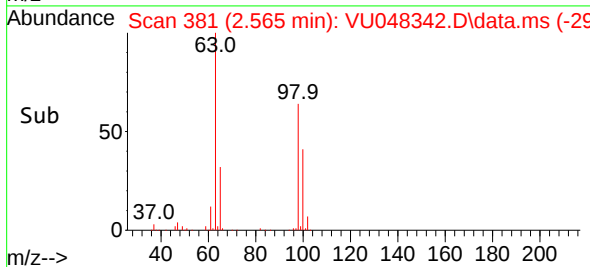
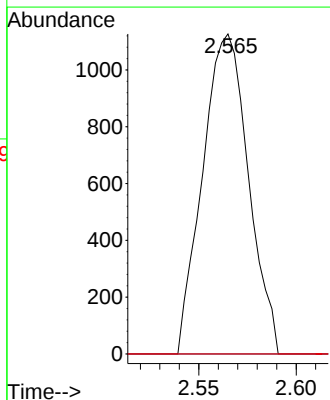
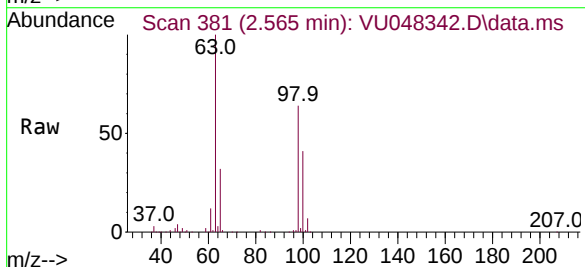
Instrument :
 MSVOA_U
 ClientSampleId :

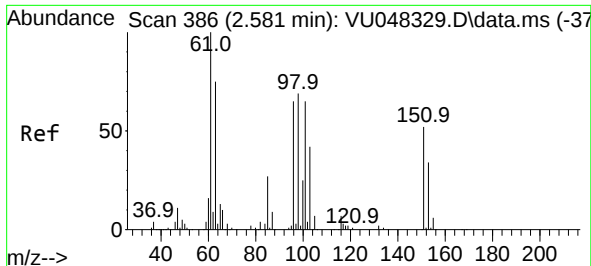
Tgt Ion: 62 Resp: 2427
 Ion Ratio Lower Upper
 62 100
 64 173.9 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.742 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048342.D
 Acq: 28 Apr 2022 15:37

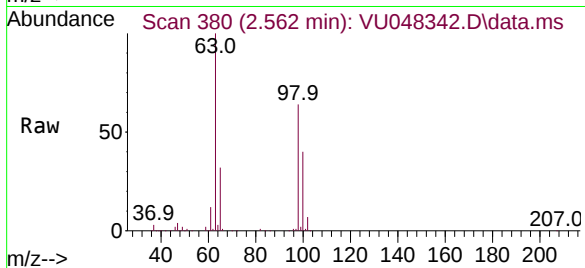
Tgt Ion: 101 Resp: 1844
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#



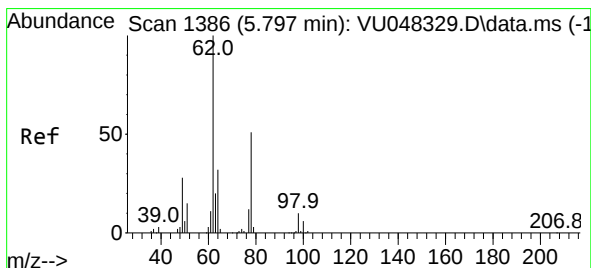
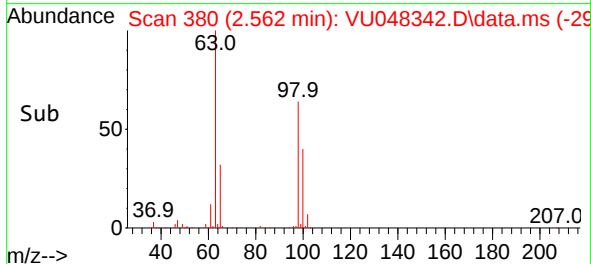
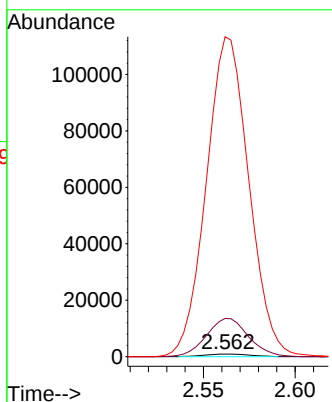


#12
1,1-Dichloroethene
Concen: 0.739 ug/L
RT: 2.562 min Scan# 386
Delta R.T. -0.019 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :

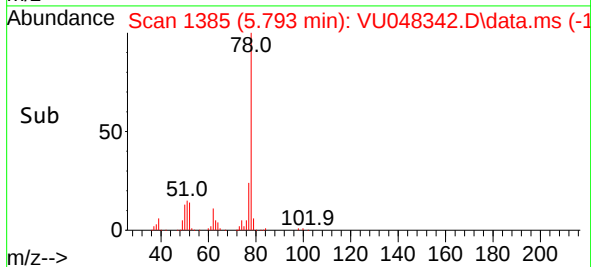
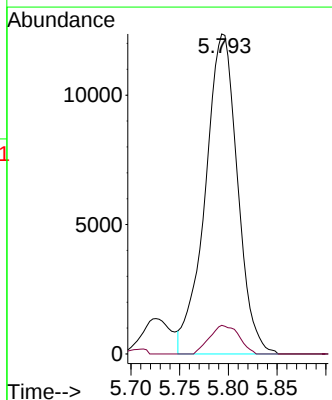
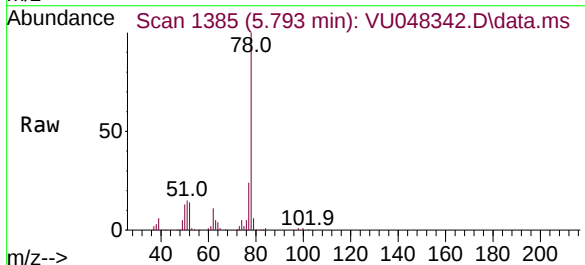


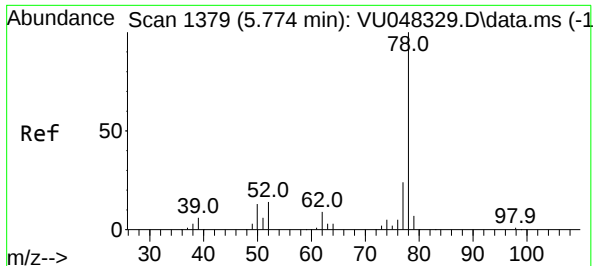
Tgt Ion: 96 Resp: 1603
Ion Ratio Lower Upper
96 100
61 1459.9 107.9 200.3#
63 12218.1 80.3 149.1#



#27
1,2-Dichloroethane
Concen: 8.126 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

Tgt Ion: 62 Resp: 28511
Ion Ratio Lower Upper
62 100
98 9.0 8.5 12.7

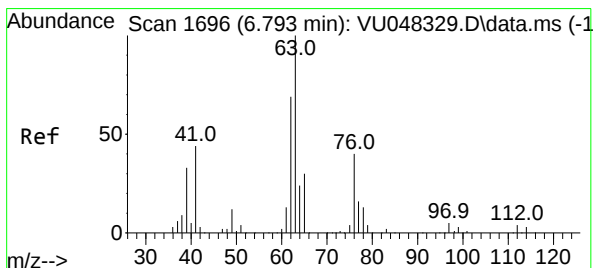
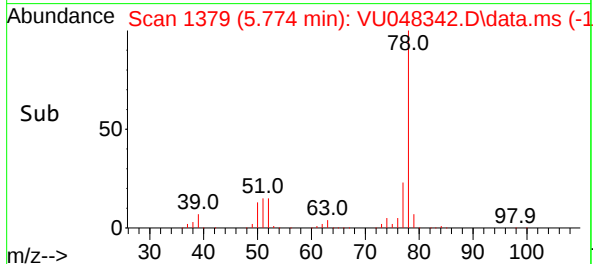
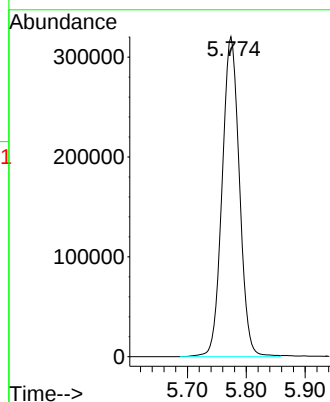
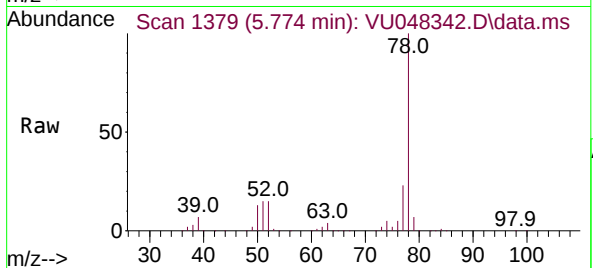




#33
Benzene
Concen: 65.925 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

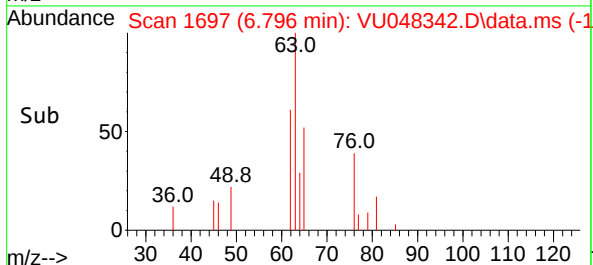
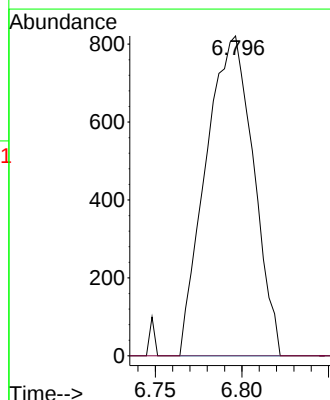
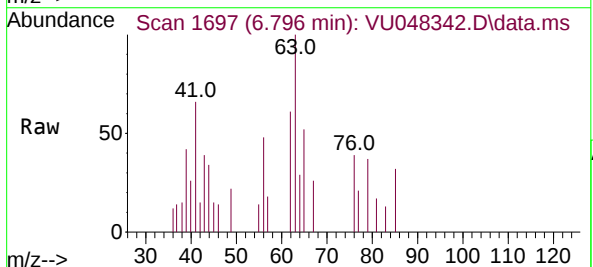
Instrument :
MSVOA_U
ClientSampleId :

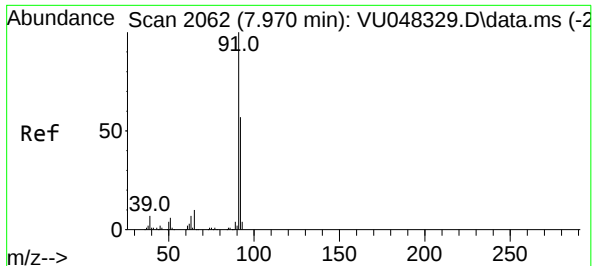
Tgt Ion: 78 Resp: 655068



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

Tgt Ion: 63 Resp: 1569
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#42

Toluene

Concen: 10.980 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048342.D

Acq: 28 Apr 2022 15:37

Instrument :

MSVOA_U

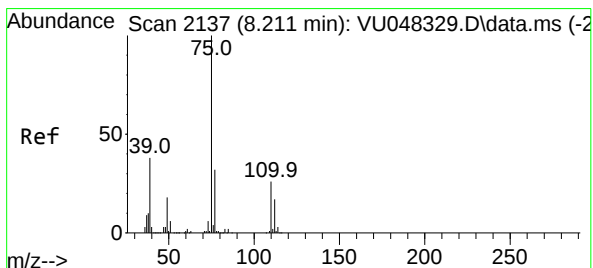
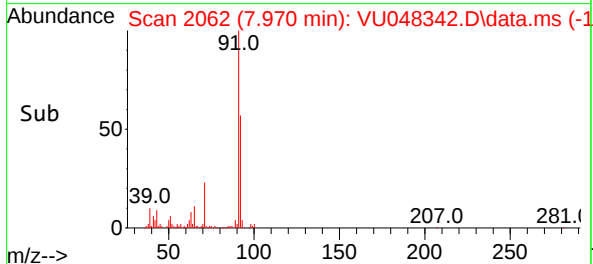
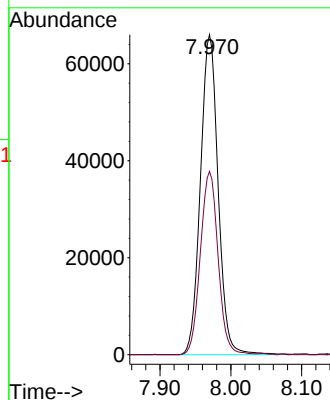
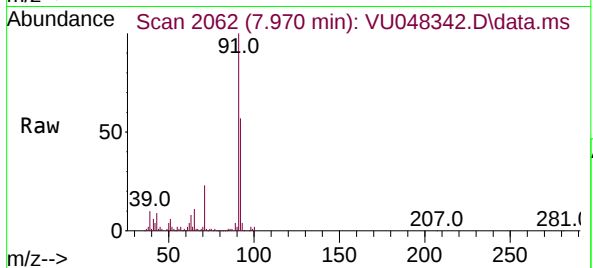
ClientSampleId :

Tgt Ion: 91 Resp: 114544

Ion Ratio Lower Upper

91 100

92 57.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048342.D

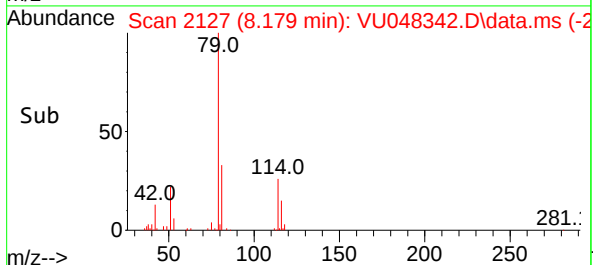
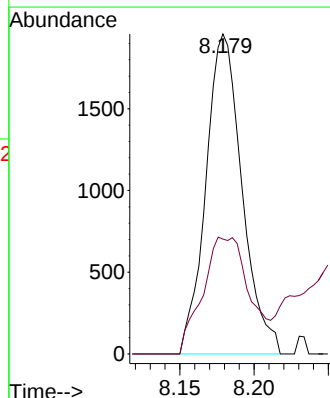
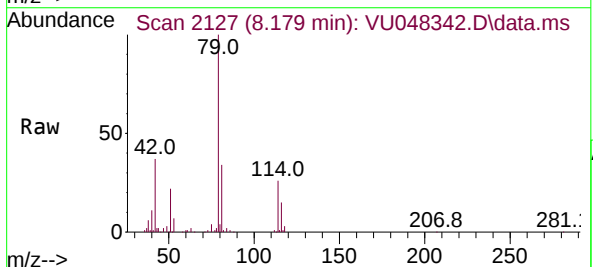
Acq: 28 Apr 2022 15:37

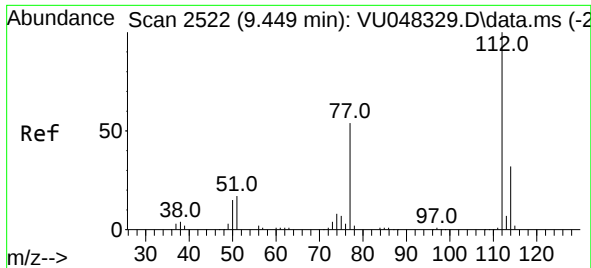
Tgt Ion: 75 Resp: 3311

Ion Ratio Lower Upper

75 100

77 35.9 22.1 41.1

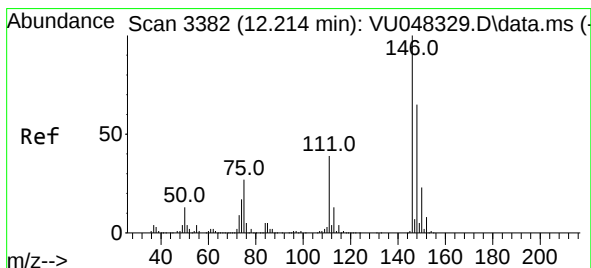
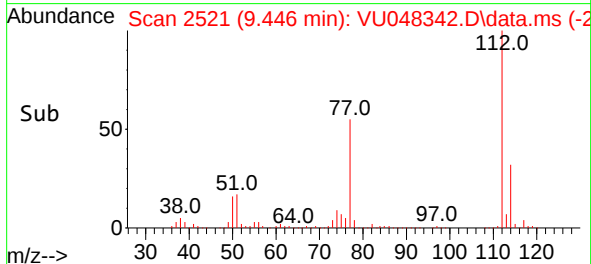
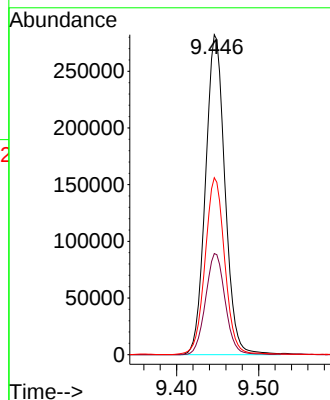
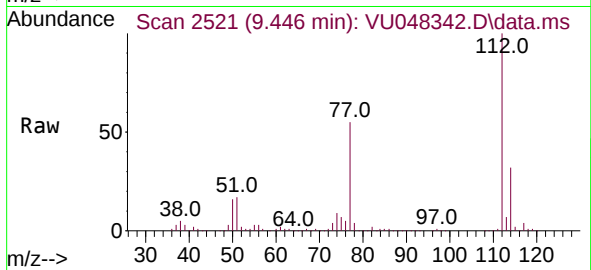




#51
Chlorobenzene
Concen: 62.056 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

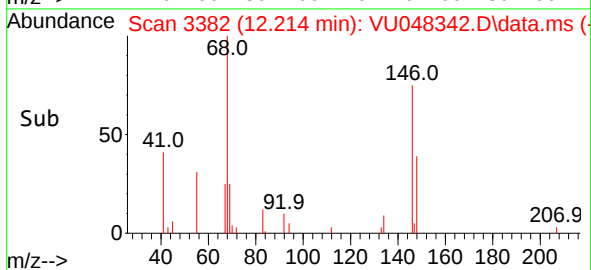
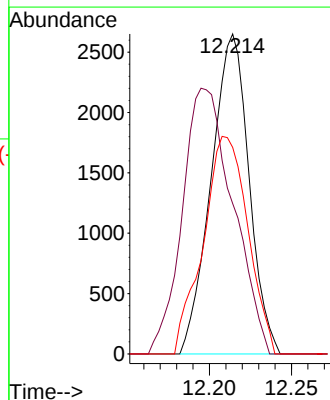
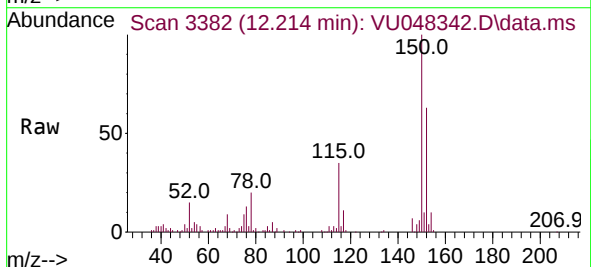
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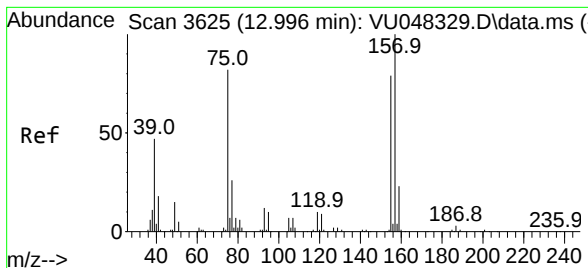
Tgt Ion:112 Resp: 466641
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 55.3 44.3 66.5



#67
1,2-Dichlorobenzene
Concen: 0.697 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048342.D
Acq: 28 Apr 2022 15:37

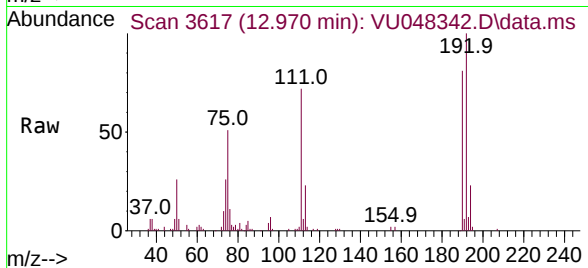
Tgt Ion:146 Resp: 4249
Ion Ratio Lower Upper
146 100
111 44.0 31.7 47.5
148 60.4 50.9 76.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 17.565 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: VU048342.D
 Acq: 28 Apr 2022 15:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 20193
 Ion Ratio Lower Upper
 75 100
 155 3.7 71.8 107.6#
 157 3.8 93.4 140.2#

