

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052375.D
 Acq On : 13 Dec 2022 14:26
 Operator : JC/MD
 Sample : N5961-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N38

Quant Time: Dec 14 03:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

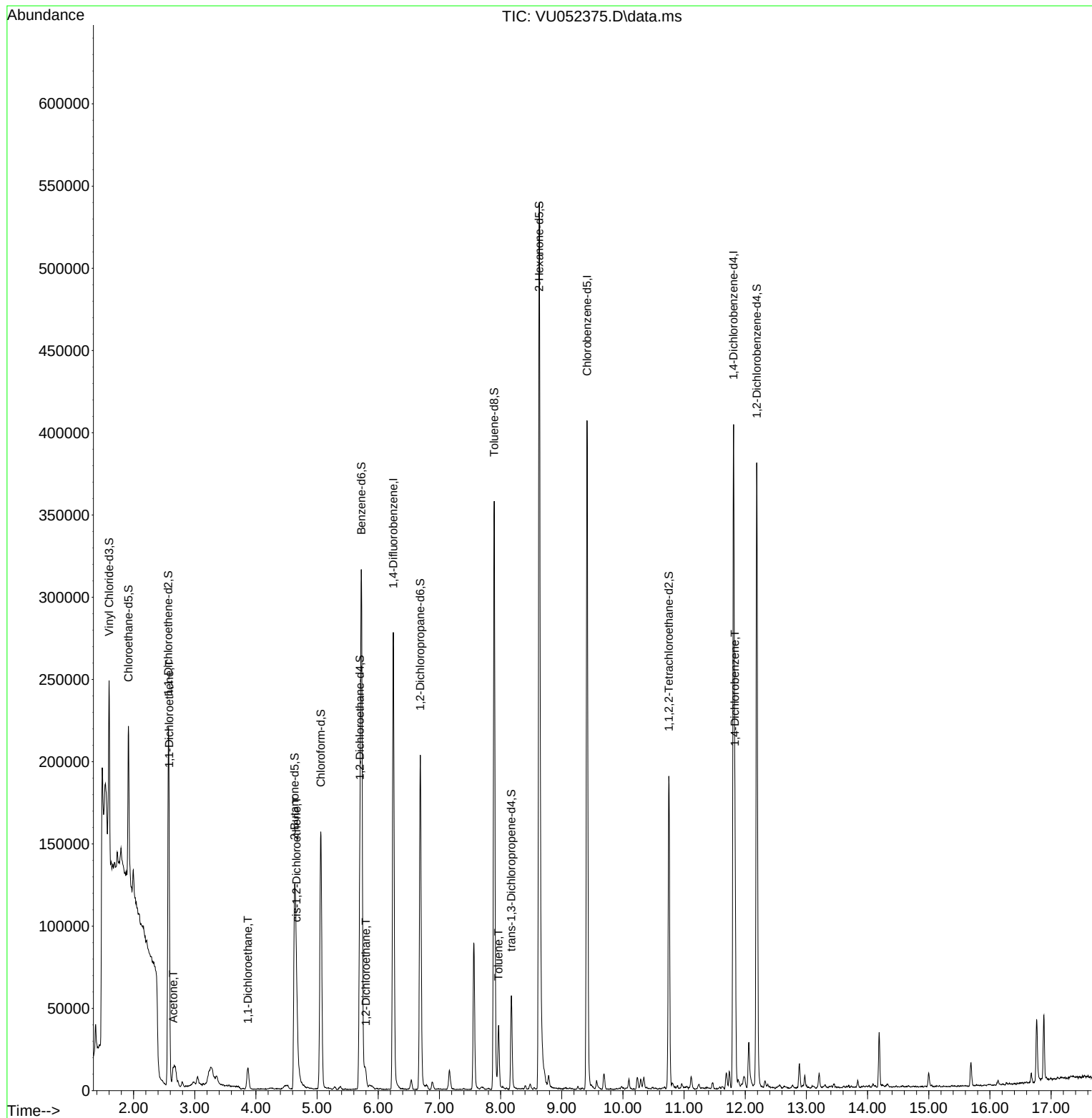
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	234479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81687	3.662	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.200%	
7) Chloroethane-d5	1.916	69	71428	4.122	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.400%	
11) 1,1-Dichloroethene-d2	2.568	65	33607	4.203	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.632	46	234200	57.918	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.840%	
24) Chloroform-d	5.060	84	153845	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.700	65	80633	4.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.726	84	309045	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.687	67	105118	4.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.896	98	251083	3.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.176	79	32707	4.166	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.632	63	186821	56.153	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.300%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98930	5.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	105894	5.043	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	29360	1.765	ug/L #	63
13) Acetone	2.649	43	24593	8.956	ug/L	60
19) 1,1-Dichloroethane	3.870	63	16187	0.504	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	7540	0.403	ug/L	95
27) 1,2-Dichloroethane	5.796	62	6490	0.325	ug/L	95
42) Toluene	7.967	91	28463	0.363	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	60771	1.732	ug/L	99

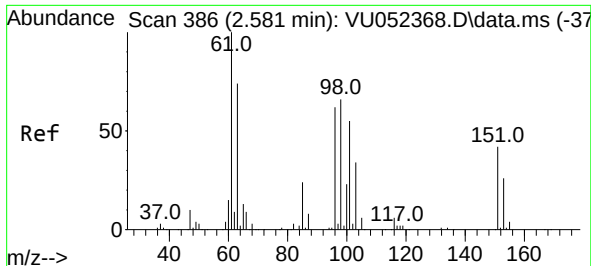
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.765 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052375.D

Acq: 13 Dec 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

F5N38

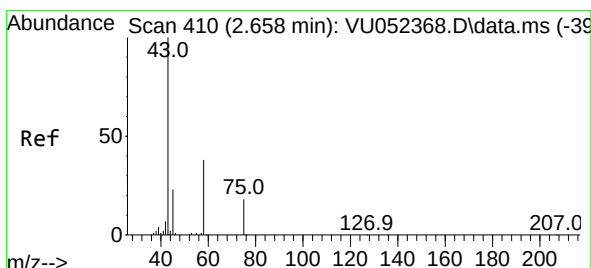
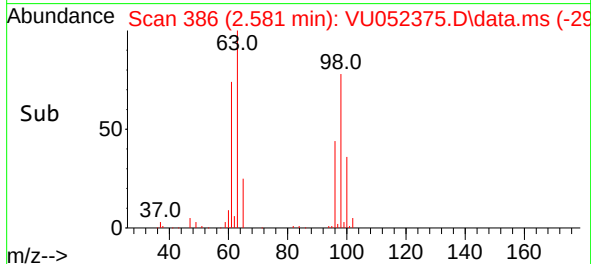
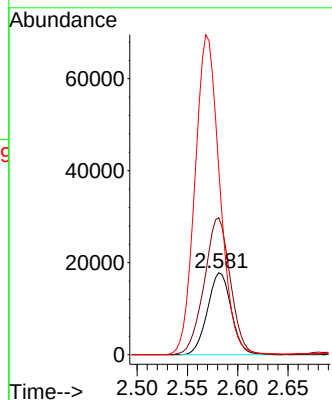
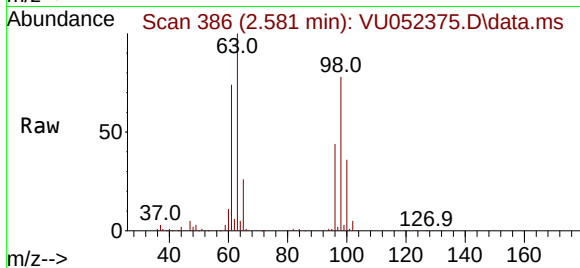
Tgt Ion: 96 Resp: 29360

Ion Ratio Lower Upper

96 100

61 167.3 114.8 213.2

63 226.8 93.7 174.1#



#13

Acetone

Concen: 8.956 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.010 min

Lab File: VU052375.D

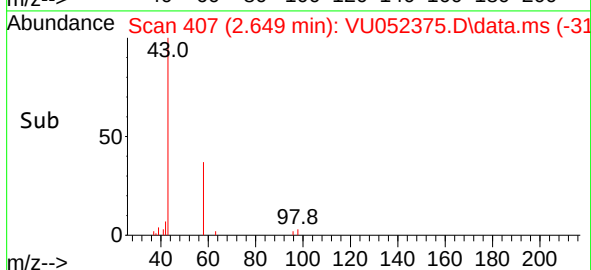
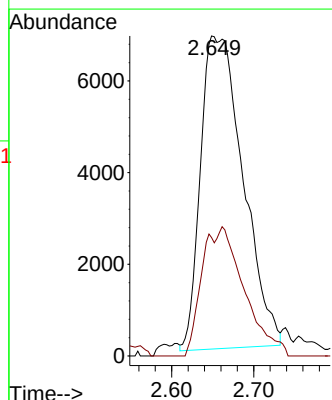
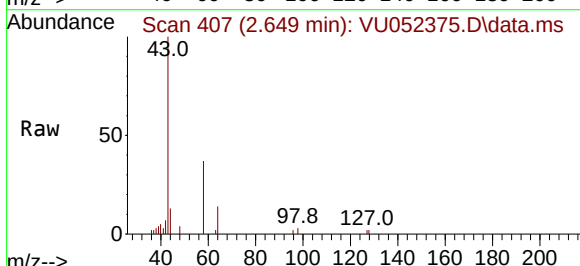
Acq: 13 Dec 2022 14:26

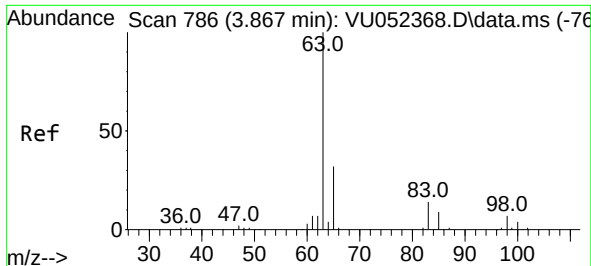
Tgt Ion: 43 Resp: 24593

Ion Ratio Lower Upper

43 100

58 13.8 0.0 76.0





#19

1,1-Dichloroethane

Concen: 0.504 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU052375.D

Acq: 13 Dec 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

F5N38

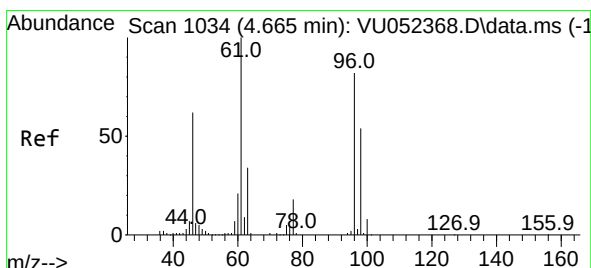
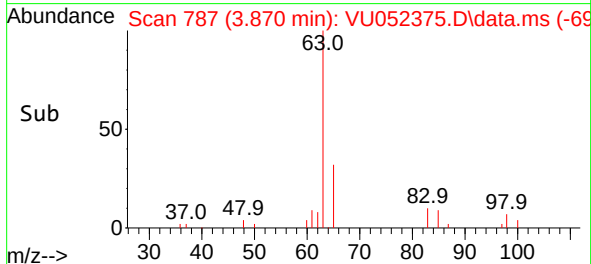
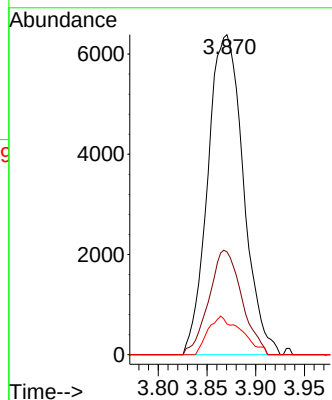
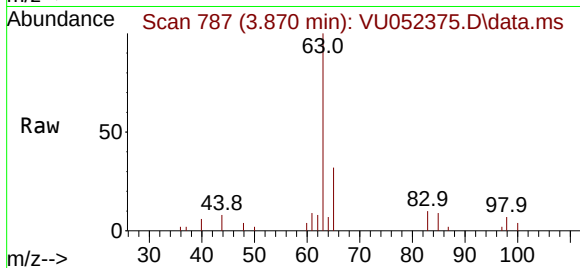
Tgt Ion: 63 Resp: 16187

Ion Ratio Lower Upper

63 100

65 32.2 22.2 41.2

83 9.6 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.403 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052375.D

Acq: 13 Dec 2022 14:26

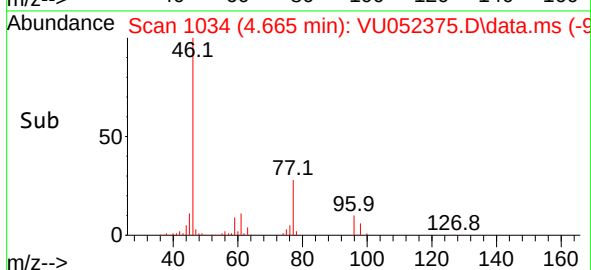
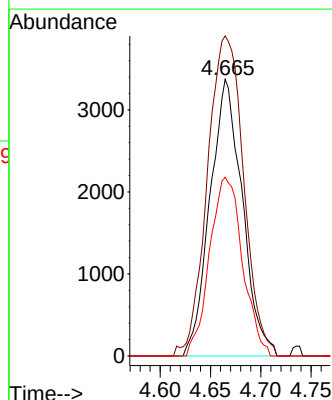
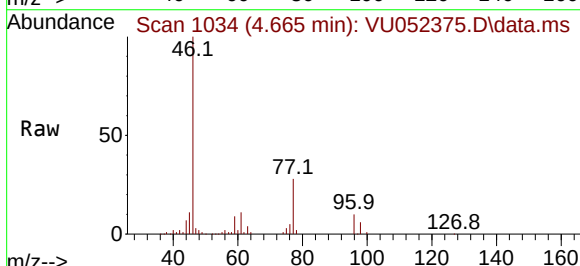
Tgt Ion: 96 Resp: 7540

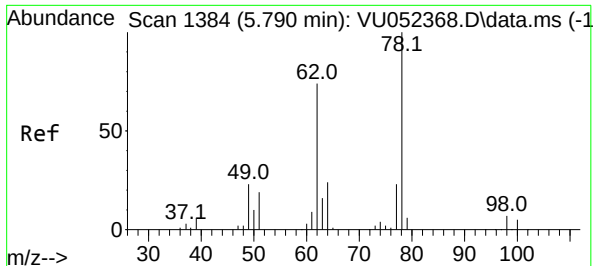
Ion Ratio Lower Upper

96 100

61 115.7 85.1 158.1

98 64.6 42.8 79.6





#27

1,2-Dichloroethane

Concen: 0.325 ug/L

RT: 5.796 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU052375.D

Acq: 13 Dec 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

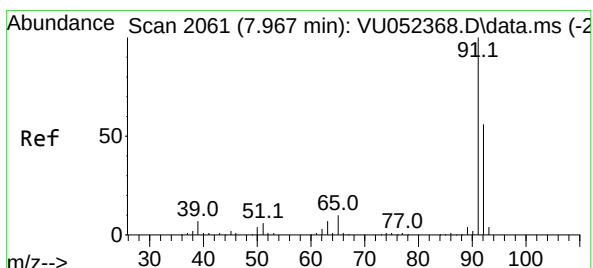
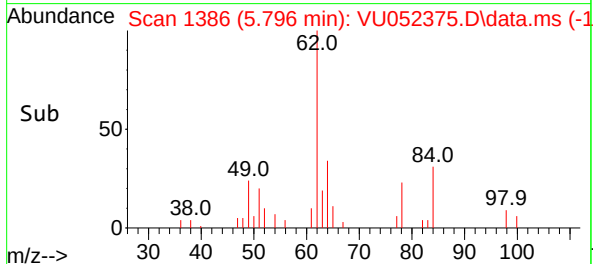
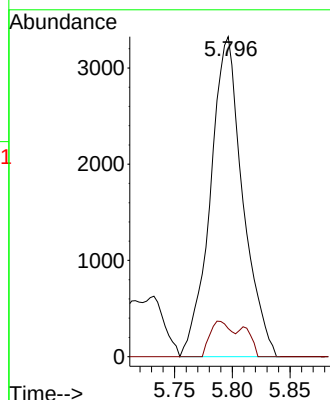
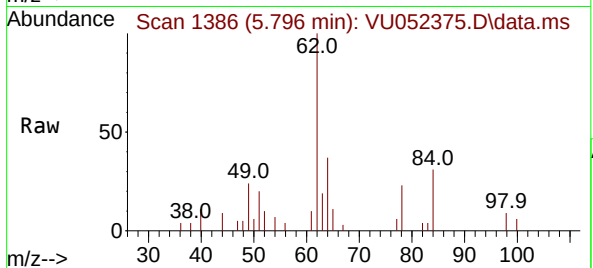
F5N38

Tgt Ion: 62 Resp: 6490

Ion Ratio Lower Upper

62 100

98 8.8 8.4 12.6



#42

Toluene

Concen: 0.363 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052375.D

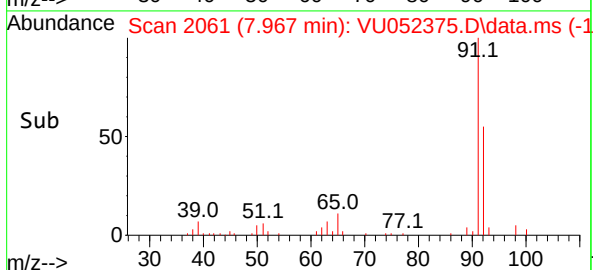
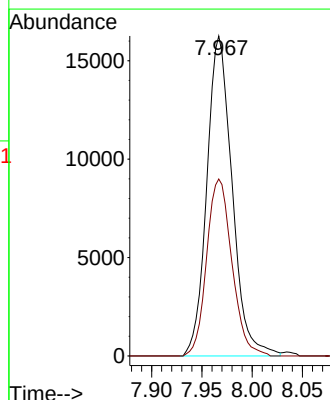
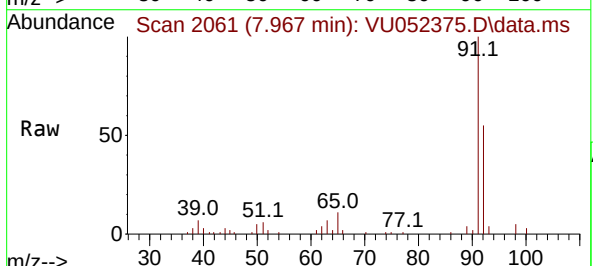
Acq: 13 Dec 2022 14:26

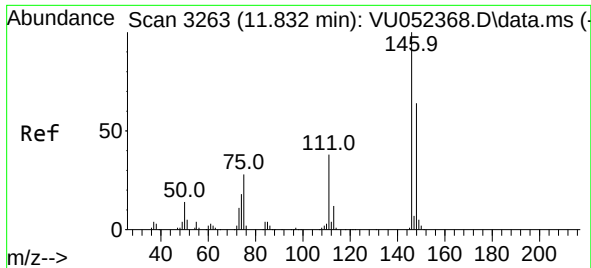
Tgt Ion: 91 Resp: 28463

Ion Ratio Lower Upper

91 100

92 55.3 40.7 75.5





#65
 1,4-Dichlorobenzene
 Concen: 1.732 ug/L
 RT: 11.832 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052375.D
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Instrument :
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 F5N38

Tgt Ion:146 Resp: 60771
 Ion Ratio Lower Upper
 146 100
 111 39.1 26.9 50.1
 148 65.3 45.1 83.7

