

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051555.D
 Acq On : 27 Oct 2022 21:46
 Operator : JC/MD
 Sample : N5300-11DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA74DL

Quant Time: Oct 28 00:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

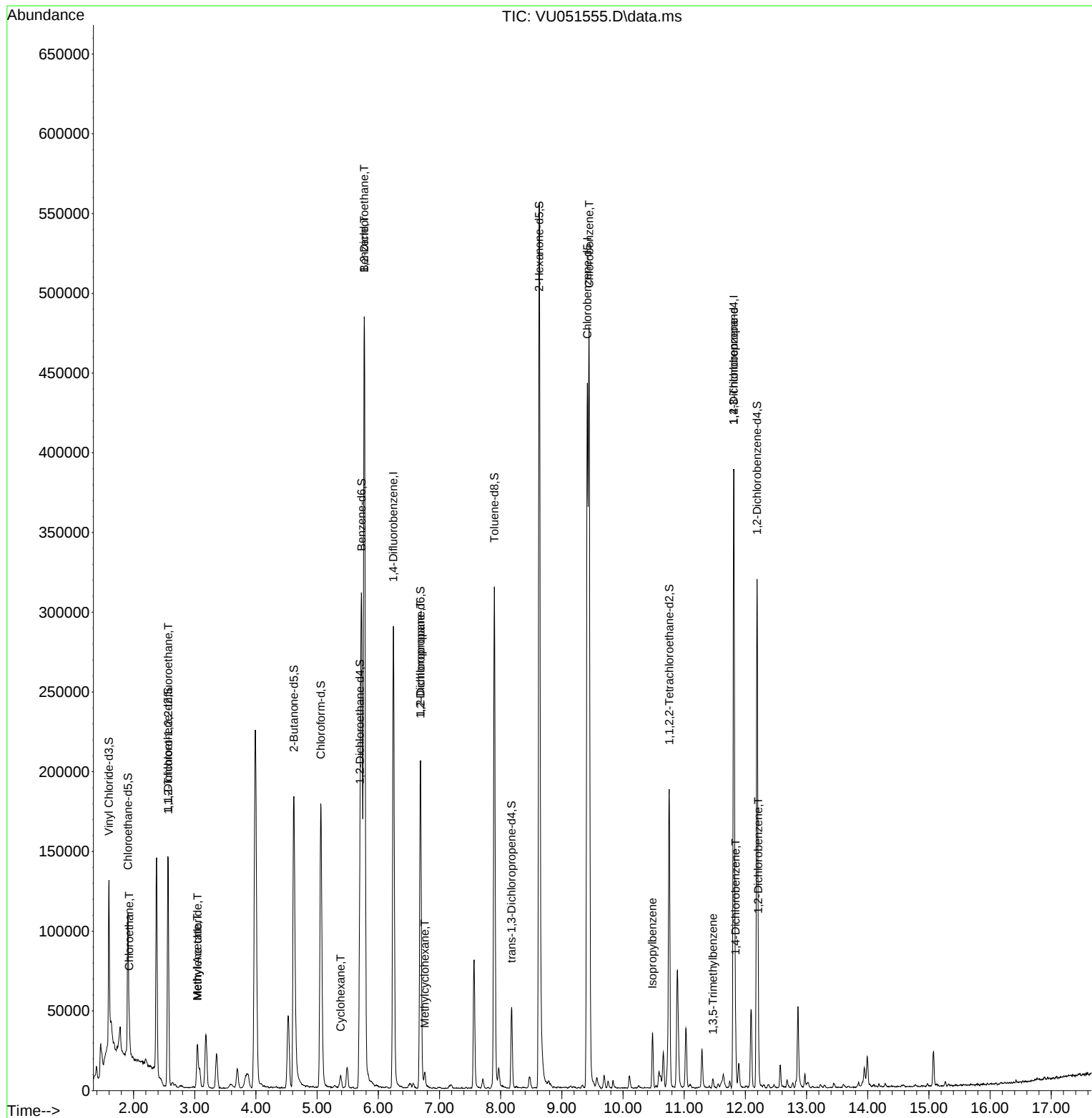
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	243445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73321	3.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.909	69	73548	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.562	65	26637	3.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.620	46	254006	58.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.500%
24) Chloroform-d	5.060	84	152276	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.700	65	85443	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.726	84	299642	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	104438	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.896	98	216158	3.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.179	79	29891	3.975	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.629	63	188850	74.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.020%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94308	5.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	87358	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.928	64	16582	0.951	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	921	0.049	ug/L #	21
15) Methyl Acetate	3.041	43	1341	0.170	ug/L #	50
16) Methylene chloride	3.044	84	13006	0.496	ug/L	98
27) 1,2-Dichloroethane	5.771	62	3968	0.165	ug/L #	74
30) Cyclohexane	5.382	56	3353	0.135	ug/L #	83
33) Benzene	5.771	78	482414	5.898	ug/L	100
35) Methylcyclohexane	6.761	83	3284	0.128	ug/L	96
37) 1,2-Dichloropropane	6.690	63	10875	0.485	ug/L #	93
51) Chlorobenzene	9.446	112	261133	5.034	ug/L	97
60) Isopropylbenzene	10.481	105	20114	0.301	ug/L #	82
61) 1,2,3-Trichloropropane	11.809	75	18005	1.353	ug/L #	43
62) 1,3,5-Trimethylbenzene	11.471	105	3802	0.215	ug/L	91
65) 1,4-Dichlorobenzene	11.838	146	15568	0.479	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	4956	0.154	ug/L	95

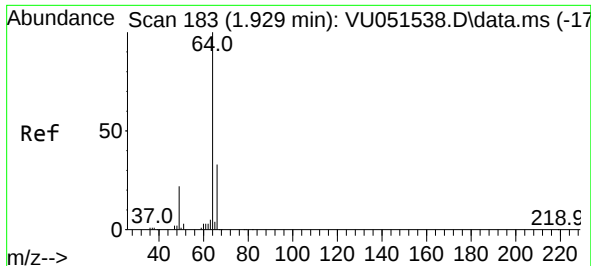
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.951 ug/L

RT: 1.928 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051555.D

Acq: 27 Oct 2022 21:46

Instrument :

MSVOA_U

ClientSampleId :

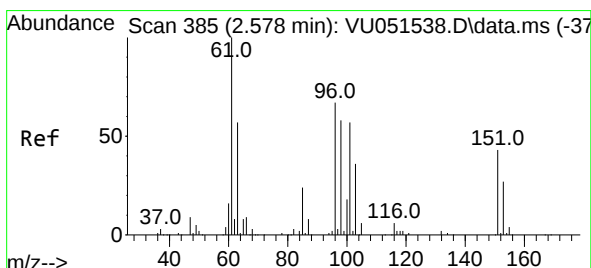
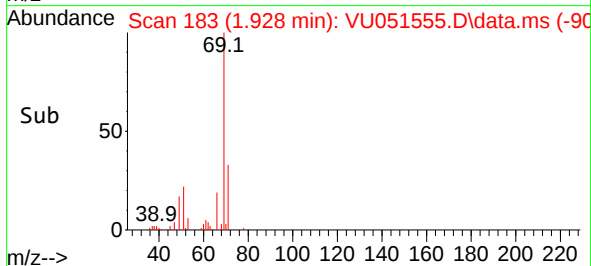
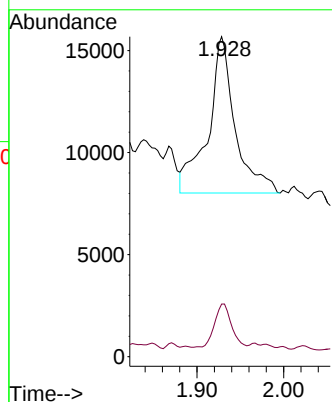
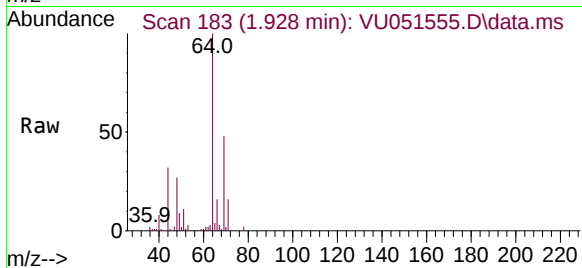
BHA74DL

Tgt Ion: 64 Resp: 16582

Ion Ratio Lower Upper

64 100

66 16.4 22.3 41.3#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.049 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051555.D

Acq: 27 Oct 2022 21:46

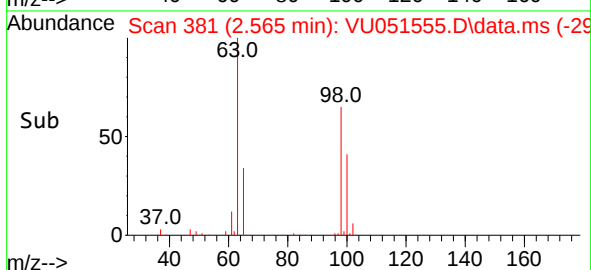
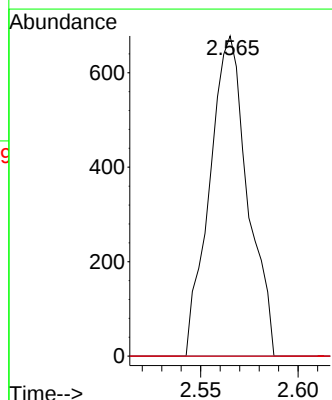
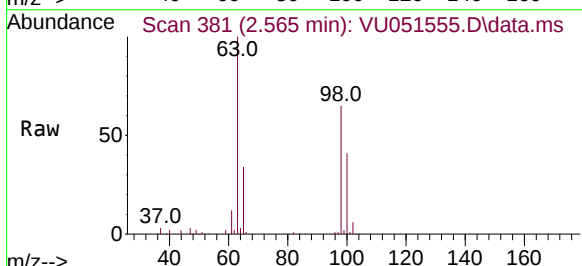
Tgt Ion: 101 Resp: 921

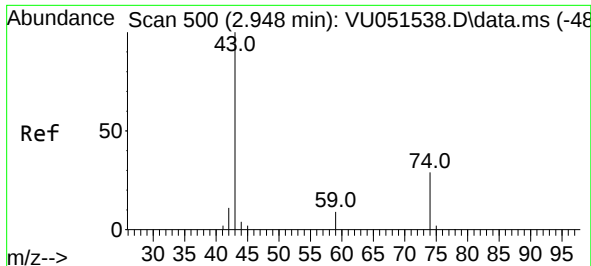
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#

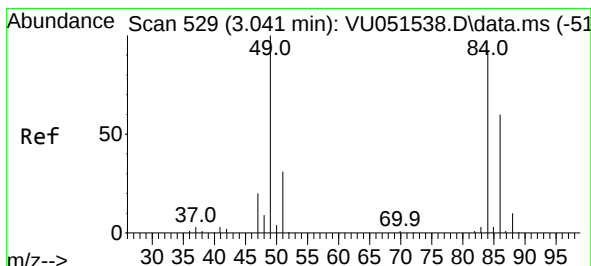
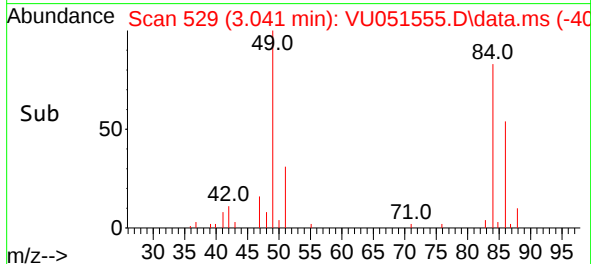
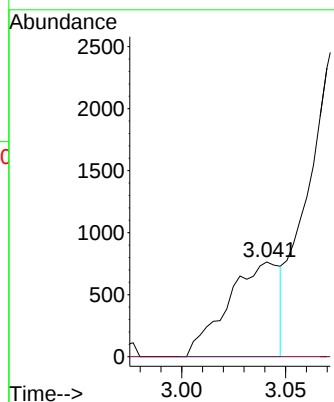
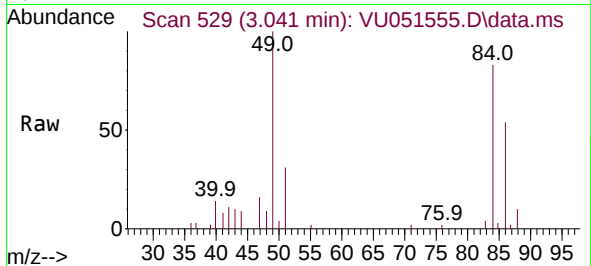




#15
Methyl Acetate
Concen: 0.170 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.093 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

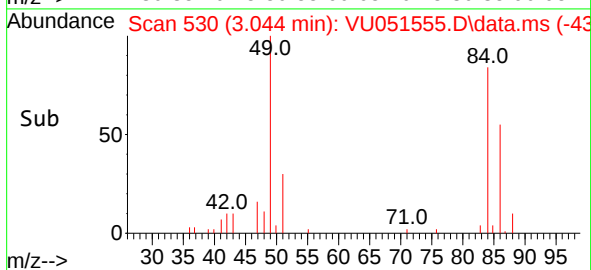
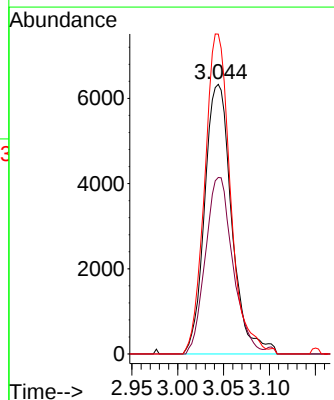
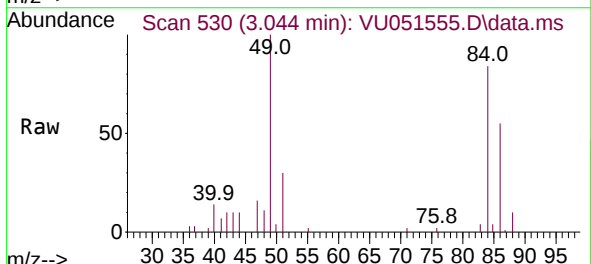
Instrument :
MSVOA_U
ClientSampleId :
BHA74DL

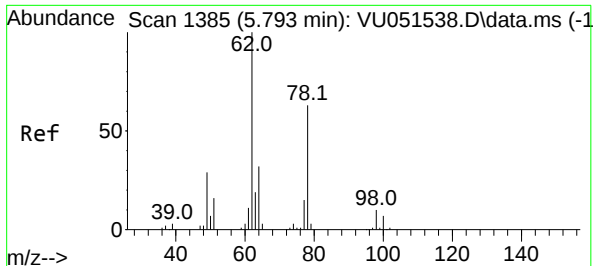
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#16
Methylene chloride
Concen: 0.496 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion: 84 Resp: 13006
Ion Ratio Lower Upper
84 100
86 65.5 46.5 86.3
49 118.6 81.3 151.1

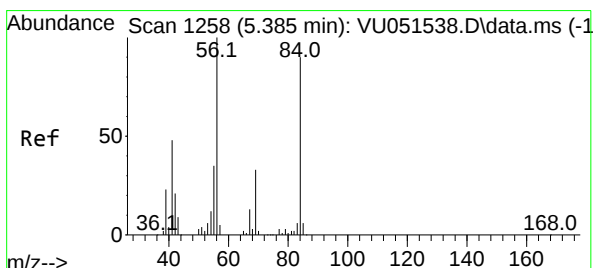
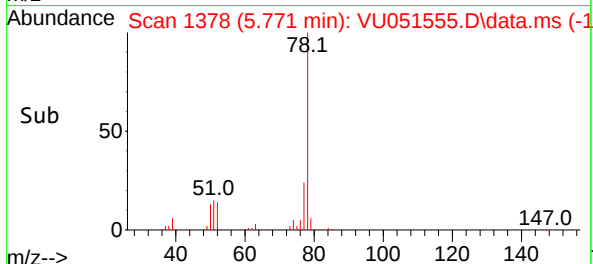
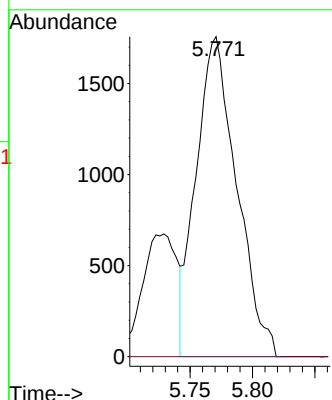
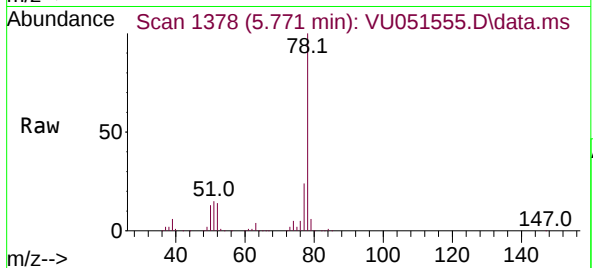




#27
1,2-Dichloroethane
Concen: 0.165 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.023 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

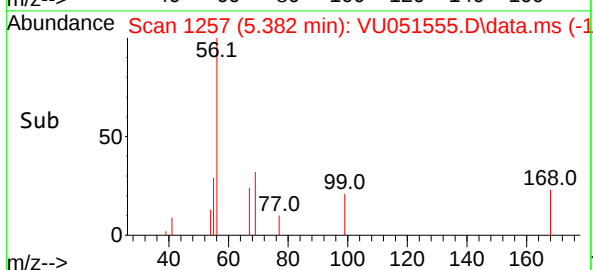
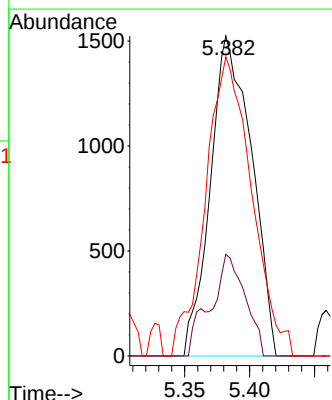
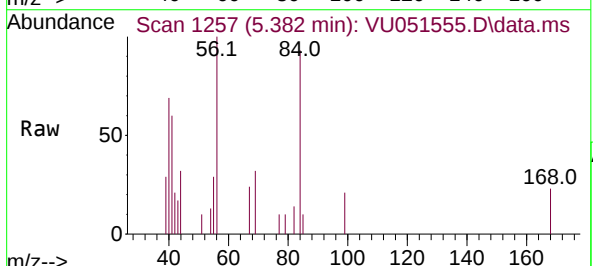
Instrument :
MSVOA_U
ClientSampleId :
BHA74DL

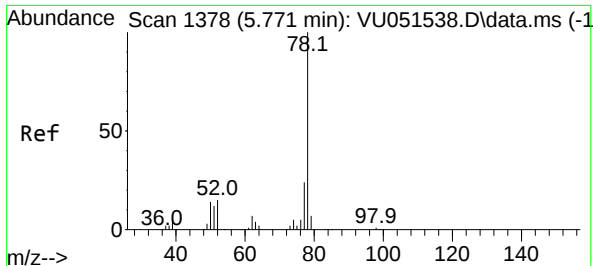
Tgt Ion: 62 Resp: 3968
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#30
Cyclohexane
Concen: 0.135 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion: 56 Resp: 3353
Ion Ratio Lower Upper
56 100
69 21.1 25.1 37.7#
84 104.4 70.9 106.3

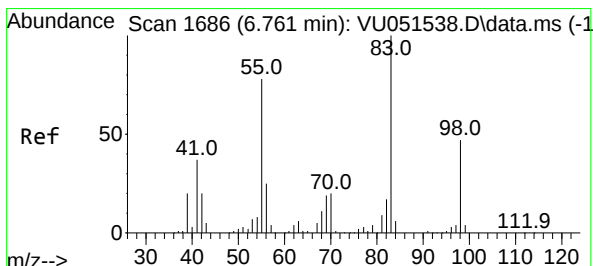
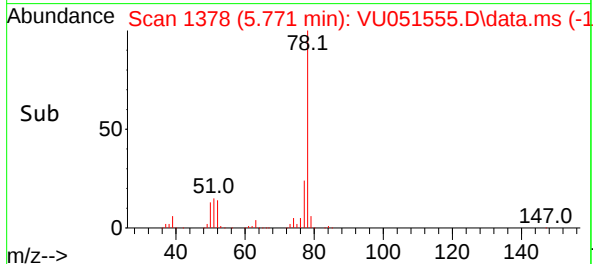
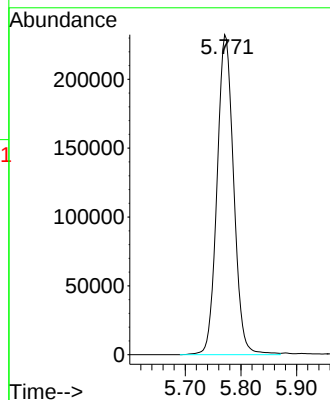
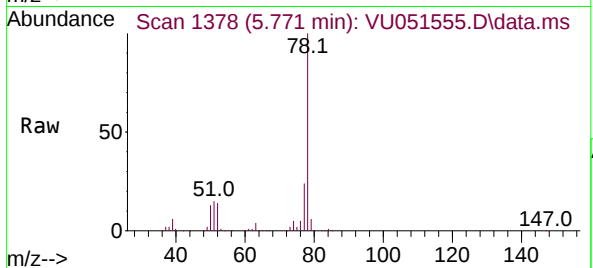




#33
Benzene
Concen: 5.898 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

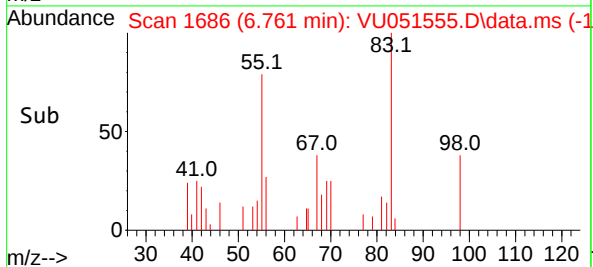
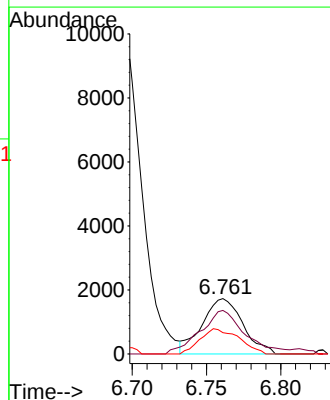
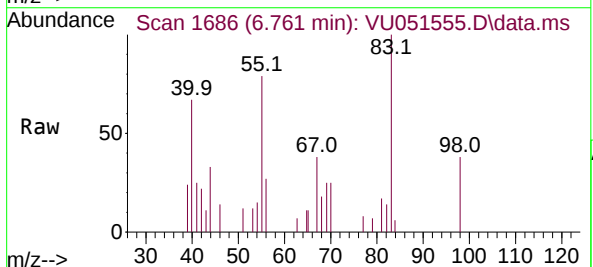
Instrument :
MSVOA_U
ClientSampleId :
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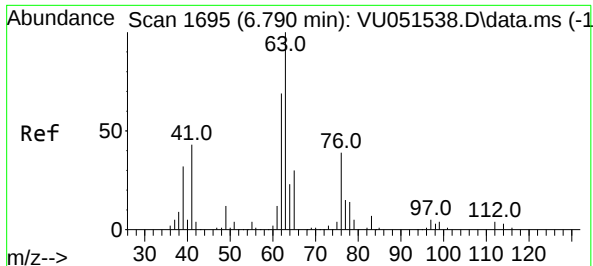
Tgt Ion: 78 Resp: 482414



#35
Methylcyclohexane
Concen: 0.128 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion: 83 Resp: 3284
Ion Ratio Lower Upper
83 100
55 86.7 65.8 98.6
98 43.8 35.9 53.9





#37

1,2-Dichloropropane

Concen: 0.485 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051555.D

Acq: 27 Oct 2022 21:46

Instrument :

MSVOA_U

ClientSampleId :

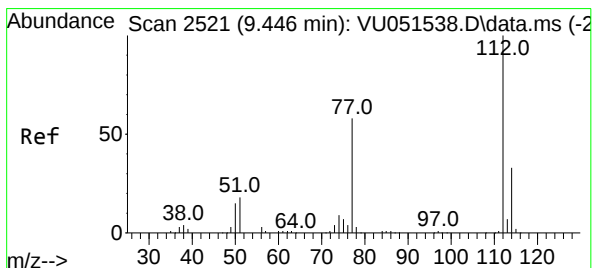
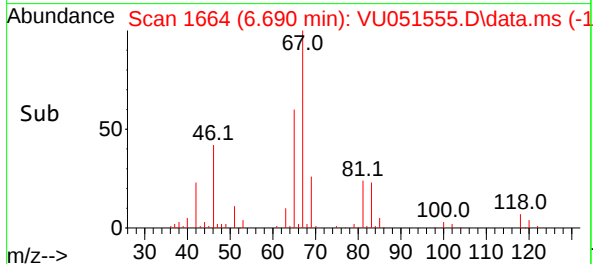
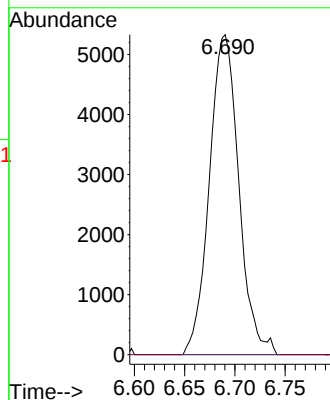
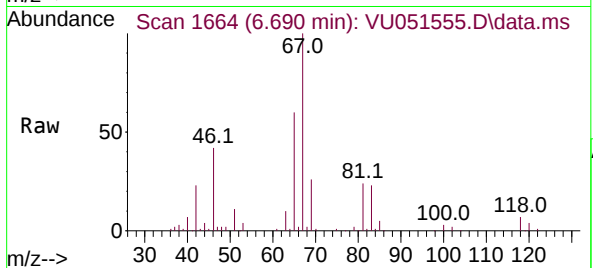
BHA74DL

Tgt Ion: 63 Resp: 10875

Ion Ratio Lower Upper

63 100

112 1.8 3.2 4.8#



#51

Chlorobenzene

Concen: 5.034 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051555.D

Acq: 27 Oct 2022 21:46

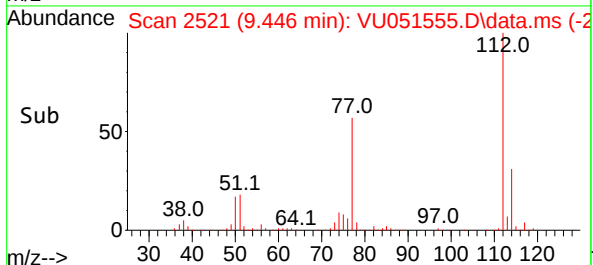
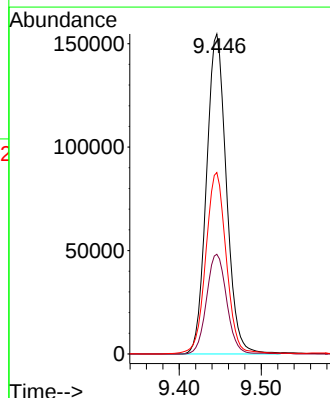
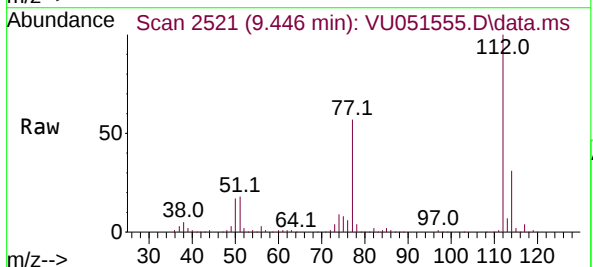
Tgt Ion: 112 Resp: 261133

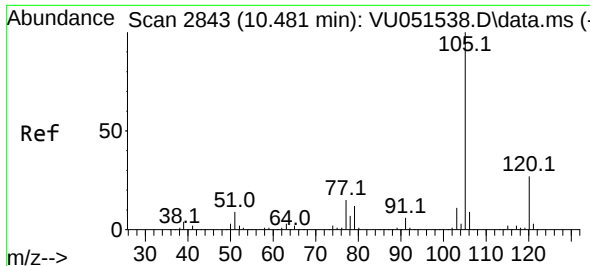
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 56.7 48.1 72.1

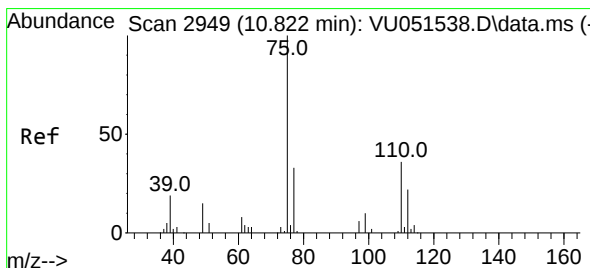
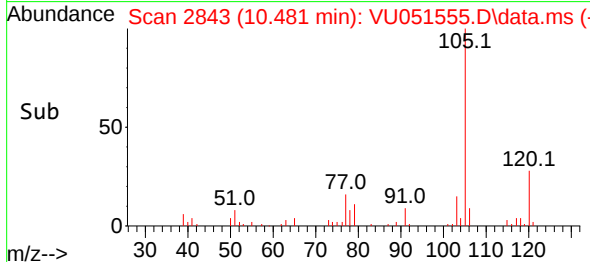
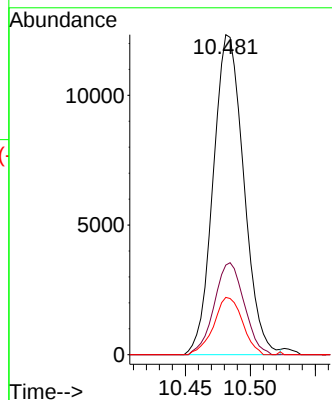
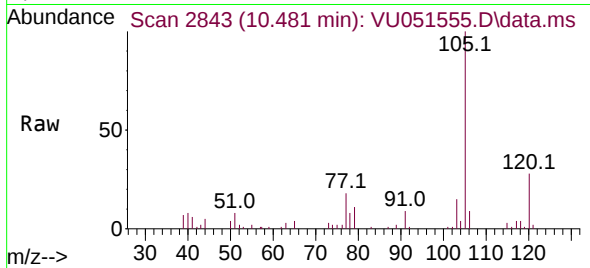




#60
Isopropylbenzene
Concen: 0.301 ug/L
RT: 10.481 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

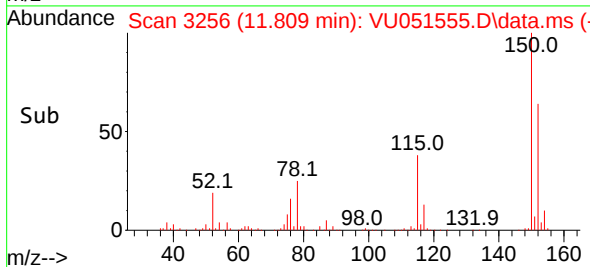
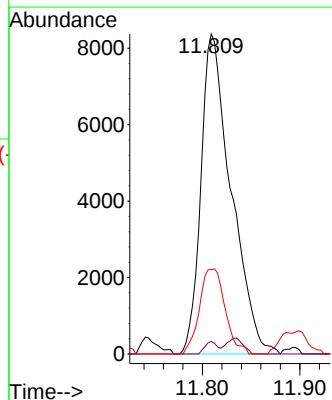
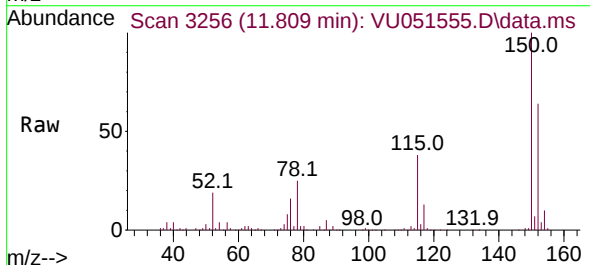
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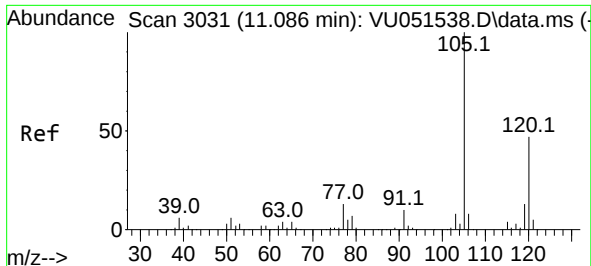
Tgt Ion:105 Resp: 20114
Ion Ratio Lower Upper
105 100
120 28.2 20.6 30.8
77 0.0 13.5 20.3#



#61
1,2,3-Trichloropropane
Concen: 1.353 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion: 75 Resp: 18005
Ion Ratio Lower Upper
75 100
110 1.6 27.0 40.6#
77 0.0 26.4 39.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.215 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.386 min

Lab File: VU051555.D

Acq: 27 Oct 2022 21:46

Instrument :

MSVOA_U

ClientSampleId :

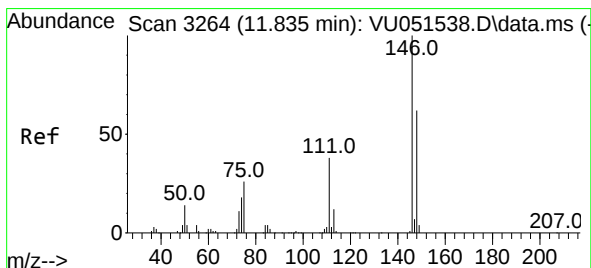
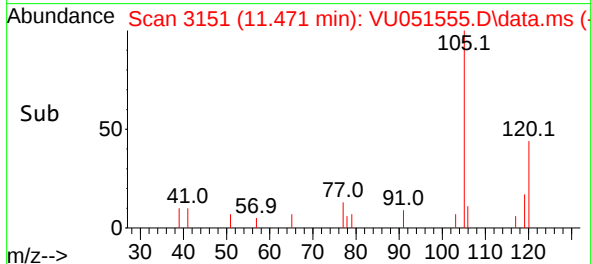
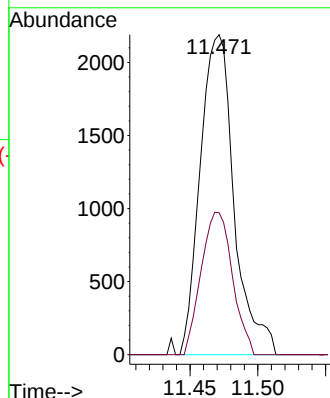
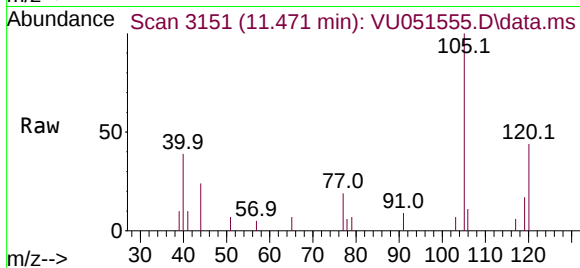
BHA74DL

Tgt Ion:105 Resp: 3802

Ion Ratio Lower Upper

105 100

120 41.1 37.7 56.5



#65

1,4-Dichlorobenzene

Concen: 0.479 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU051555.D

Acq: 27 Oct 2022 21:46

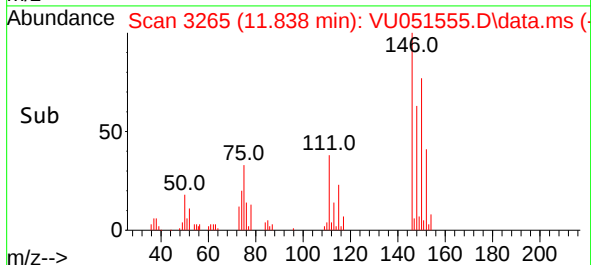
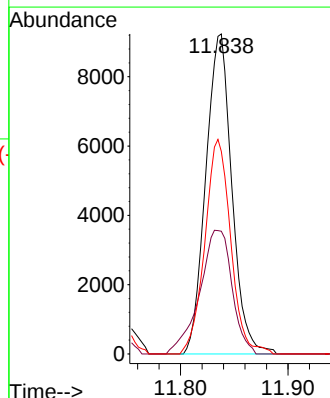
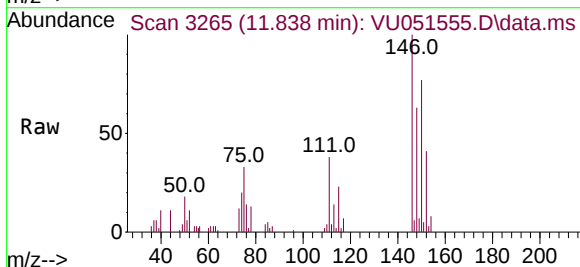
Tgt Ion:146 Resp: 15568

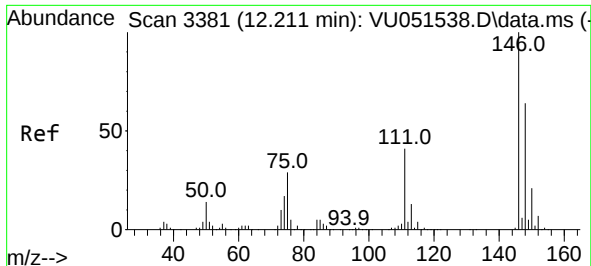
Ion Ratio Lower Upper

146 100

111 38.4 29.1 54.1

148 63.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 0.154 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051555.D

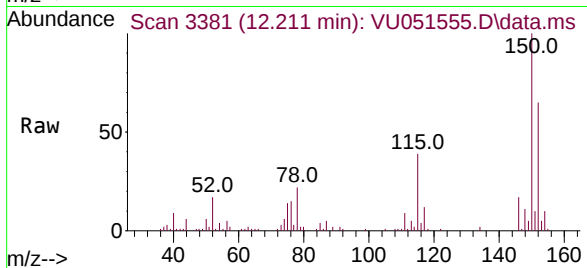
Acq: 27 Oct 2022 21:46

Instrument :

MSVOA_U

ClientSampleId :

BHA74DL



Tgt Ion:146 Resp: 4956

Ion Ratio Lower Upper

146 100

111 50.6 35.5 53.3

148 62.8 50.9 76.3

