

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051696.D
 Acq On : 02 Nov 2022 17:19
 Operator : JC/MD
 Sample : N5320-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB3DL

Quant Time: Nov 03 01:49:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

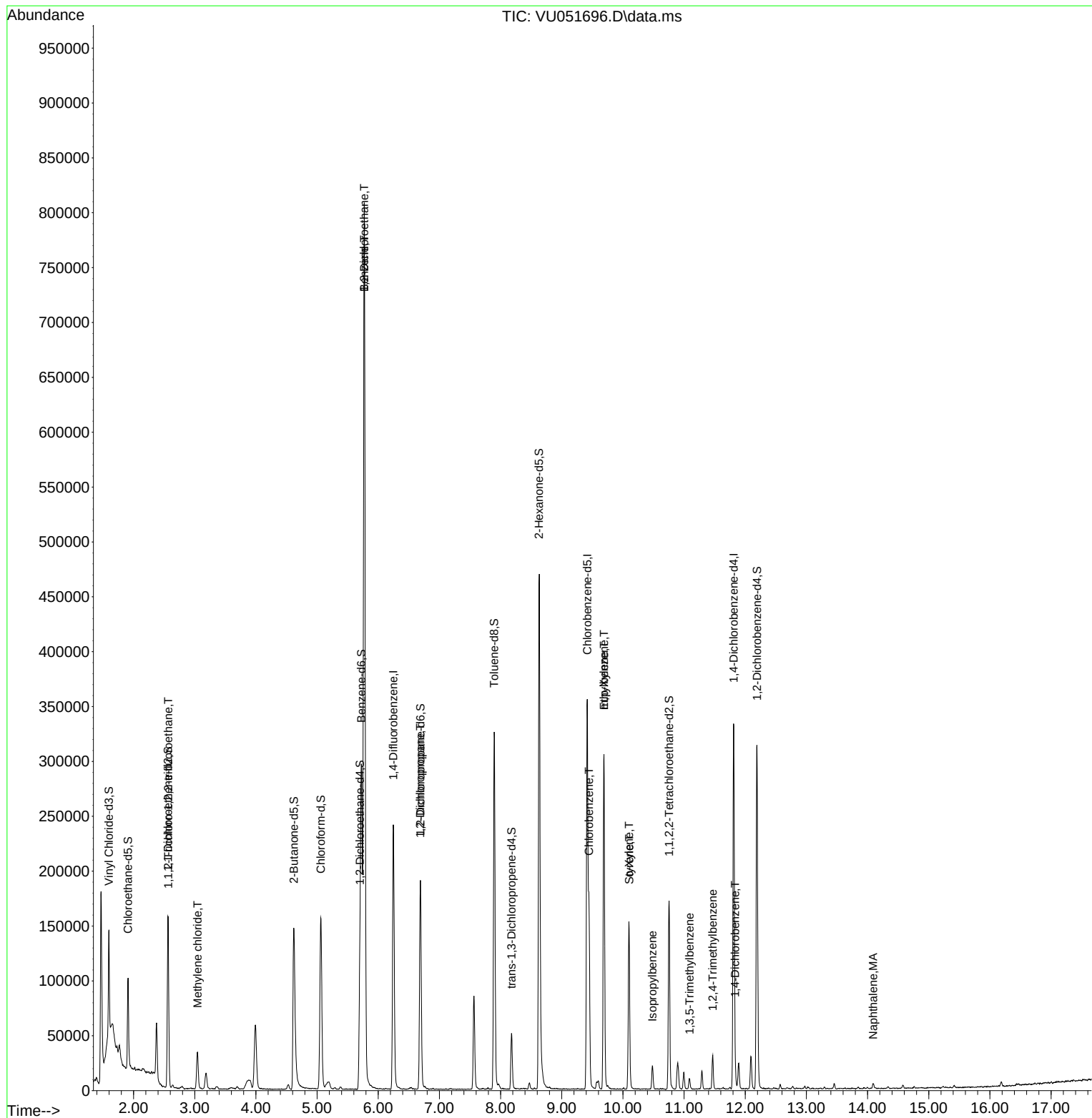
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200167	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73243	4.858	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.909	69	65636	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.562	65	29037	5.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	4.620	46	201024	36.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.640%
24) Chloroform-d	5.060	84	147548	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.700	65	75328	3.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	5.726	84	286881	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.690	67	97363	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.896	98	228170	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.179	79	29757	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.629	63	158808	38.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.800%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87890	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	86842	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	968	0.057	ug/L #	19
16) Methylene chloride	3.044	84	17264	0.606	ug/L	92
27) 1,2-Dichloroethane	5.771	62	6510	0.296	ug/L #	75
33) Benzene	5.771	78	789570	9.827	ug/L	100
37) 1,2-Dichloropropane	6.687	63	9795	0.474	ug/L #	88
51) Chlorobenzene	9.446	112	89085	1.715	ug/L	98
52) Ethylbenzene	9.690	91	173582	2.180	ug/L #	68
53) m,p-Xylene	9.690	106	84910	2.746	ug/L	97
54) o-Xylene	10.099	106	41367	1.369	ug/L	98
55) Styrene	10.102	104	3488	0.069	ug/L #	1
60) Isopropylbenzene	10.481	105	13841	0.202	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	5755	0.313	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	16513	0.311	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	4215	0.123	ug/L	84
71) Naphthalene	14.092	128	5480	0.158	ug/L #	85

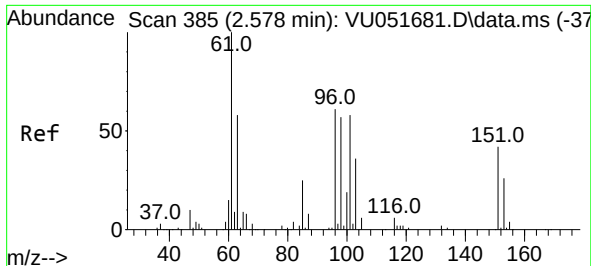
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.057 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

BHAB3DL

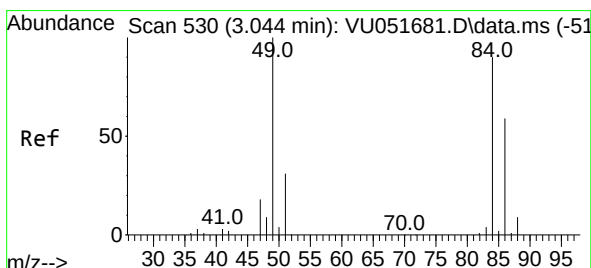
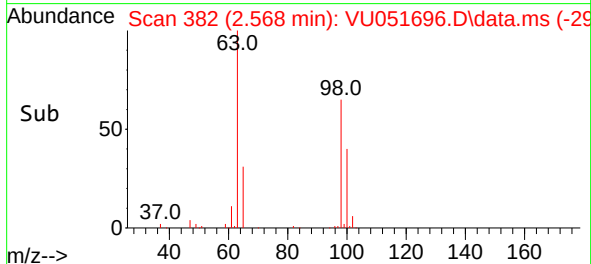
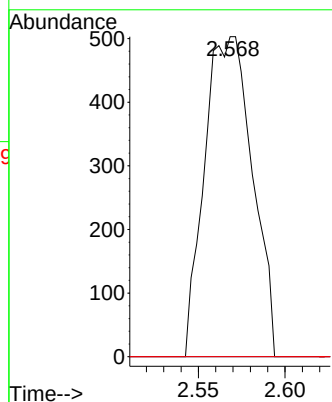
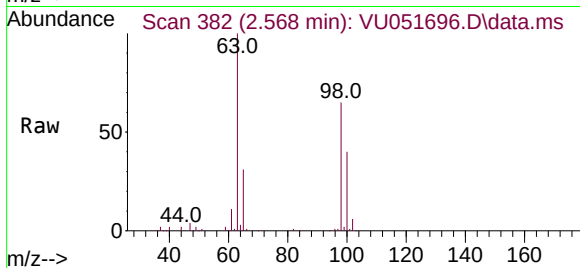
Tgt Ion:101 Resp: 968

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 59.6 89.4#



#16

Methylene chloride

Concen: 0.606 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

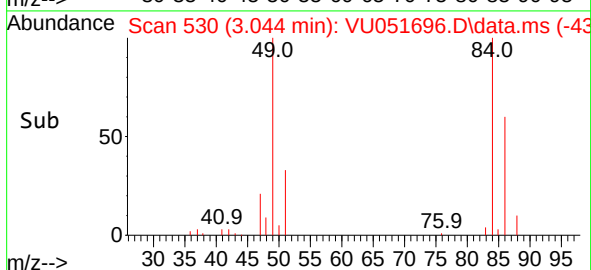
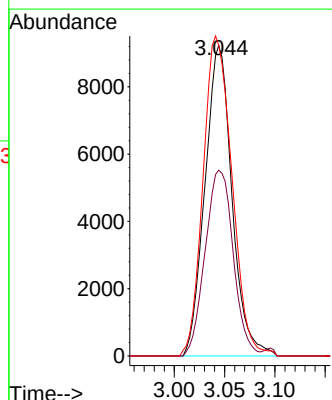
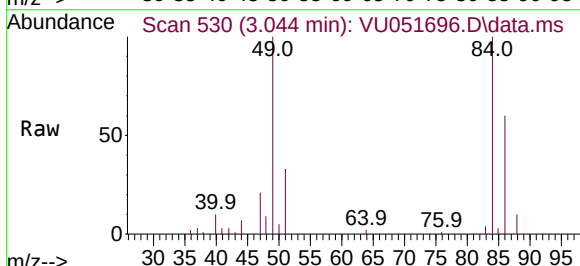
Tgt Ion: 84 Resp: 17264

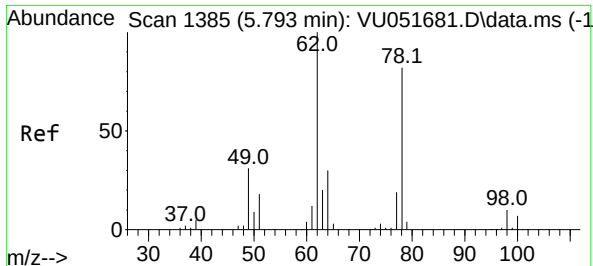
Ion Ratio Lower Upper

84 100

86 59.9 46.3 85.9

49 100.0 76.0 141.2





#27

1,2-Dichloroethane

Concen: 0.296 ug/L

RT: 5.771 min Scan# 1378

Delta R.T. -0.023 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

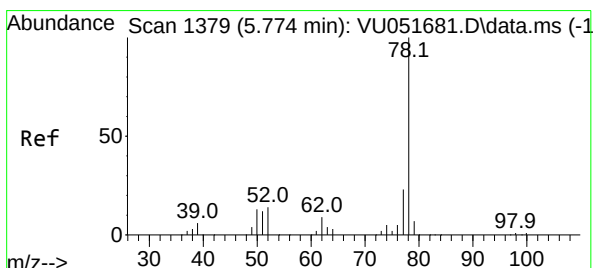
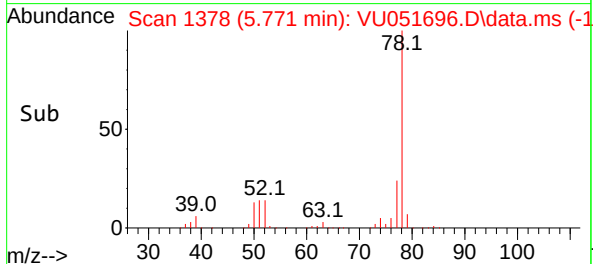
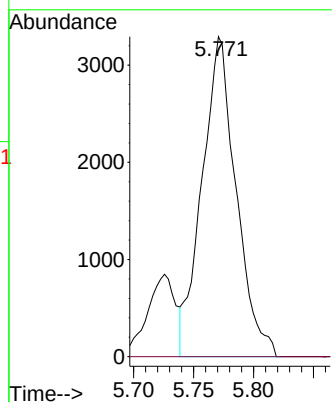
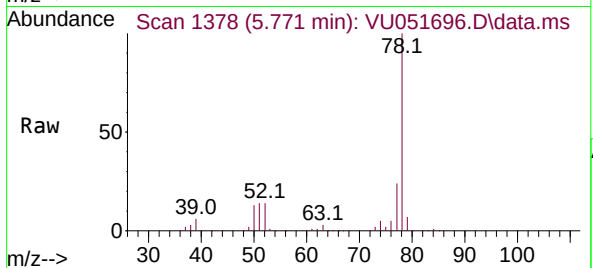
BHAB3DL

Tgt Ion: 62 Resp: 6510

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 9.827 ug/L

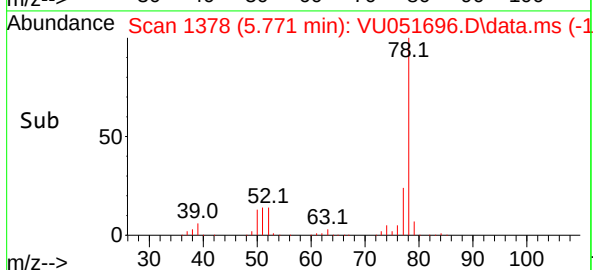
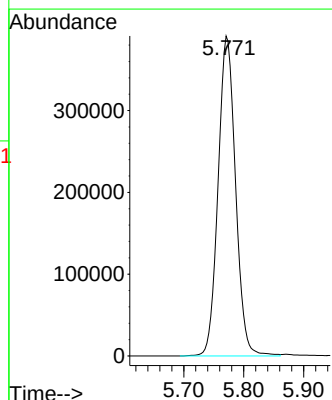
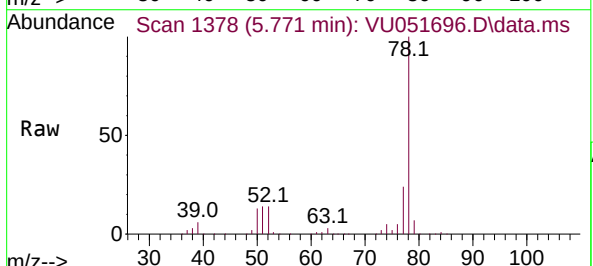
RT: 5.771 min Scan# 1378

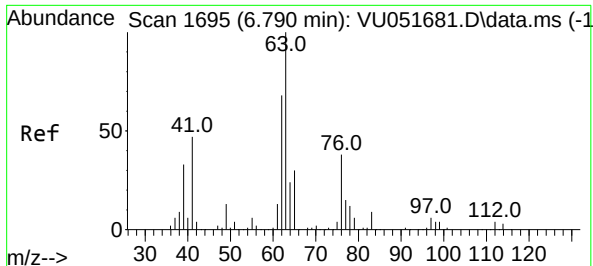
Delta R.T. -0.003 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Tgt Ion: 78 Resp: 789570





#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

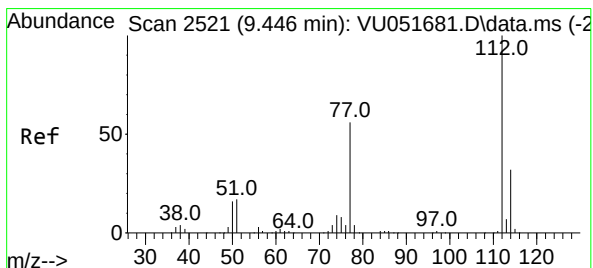
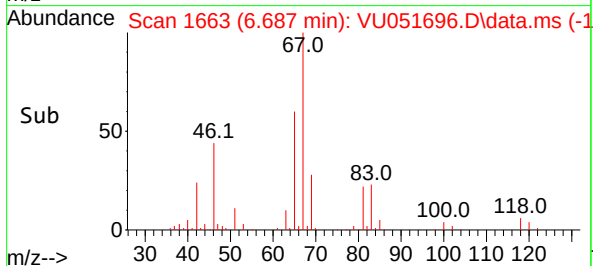
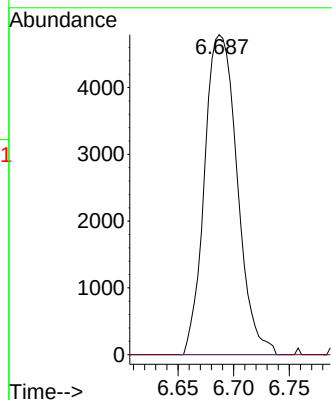
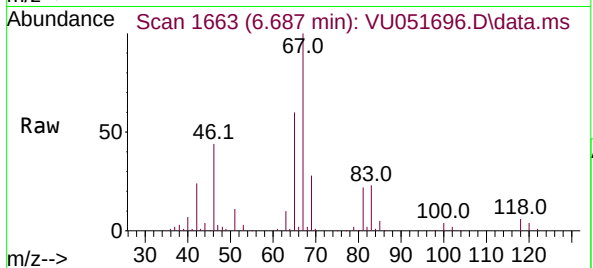
BHAB3DL

Tgt Ion: 63 Resp: 9795

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#51

Chlorobenzene

Concen: 1.715 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

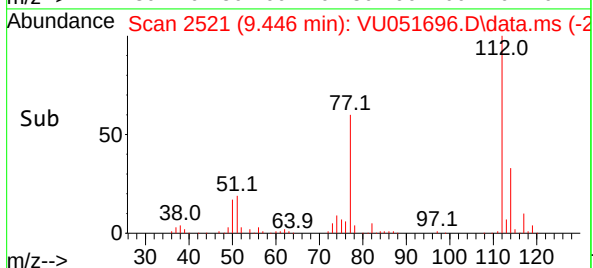
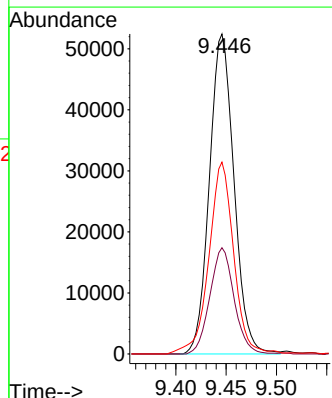
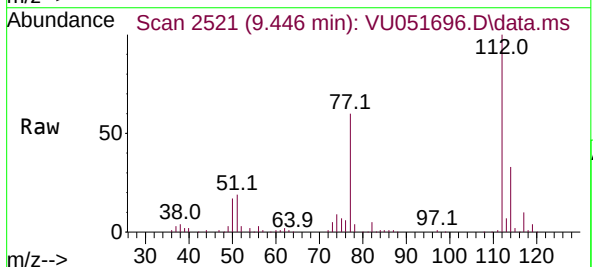
Tgt Ion: 112 Resp: 89085

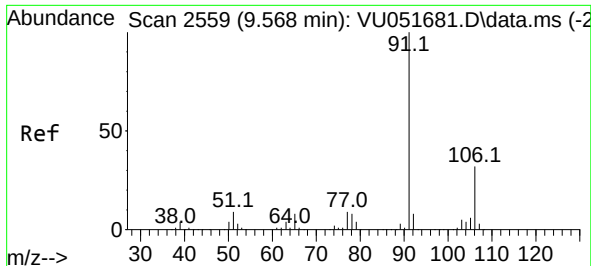
Ion Ratio Lower Upper

112 100

114 33.2 22.0 40.8

77 59.9 46.7 70.1





#52

Ethylbenzene

Concen: 2.180 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.122 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

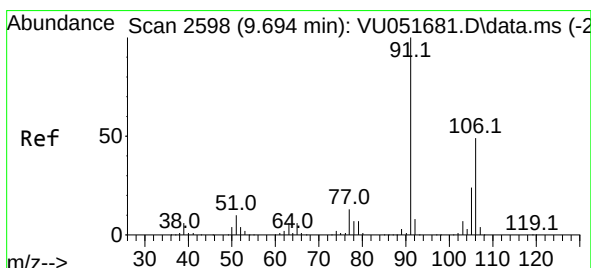
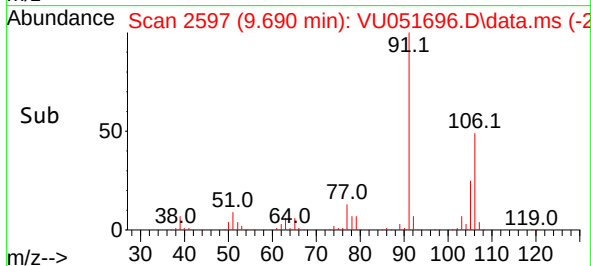
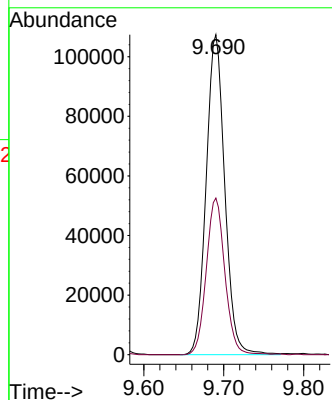
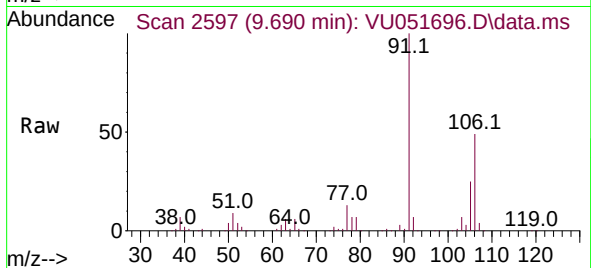
BHAB3DL

Tgt Ion: 91 Resp: 173582

Ion Ratio Lower Upper

91 100

106 48.9 21.8 40.6#



#53

m,p-Xylene

Concen: 2.746 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.003 min

Lab File: VU051696.D

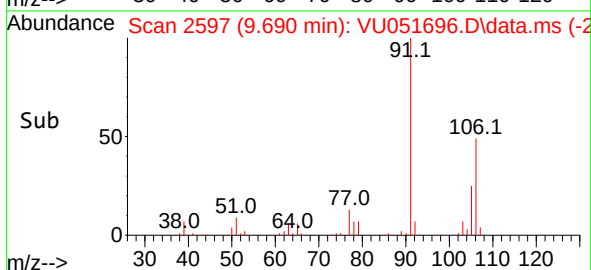
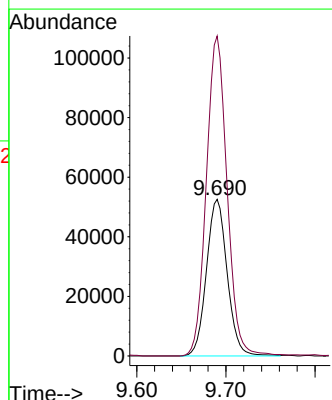
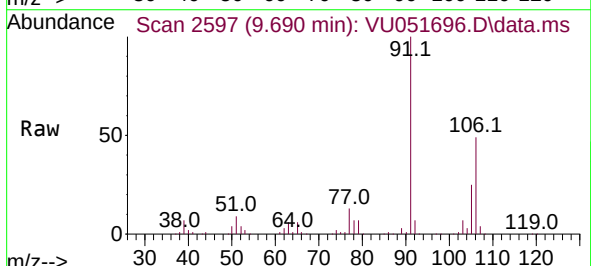
Acq: 02 Nov 2022 17:19

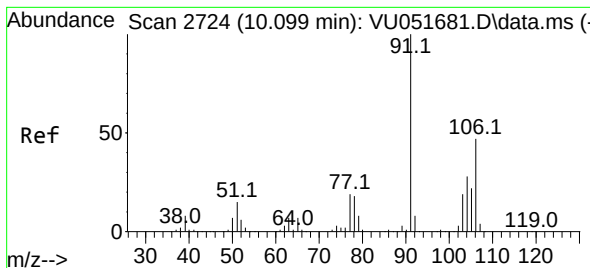
Tgt Ion: 106 Resp: 84910

Ion Ratio Lower Upper

106 100

91 204.3 139.4 259.0





#54

o-Xylene

Concen: 1.369 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

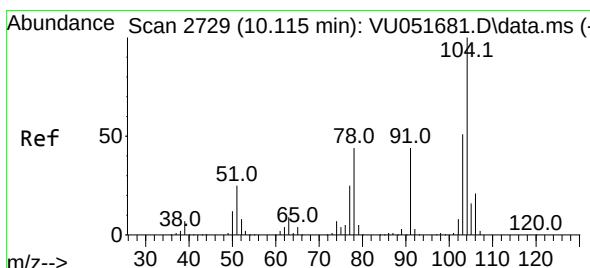
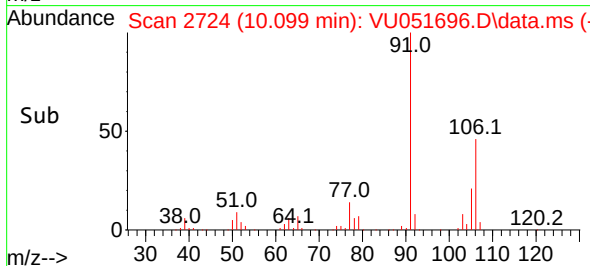
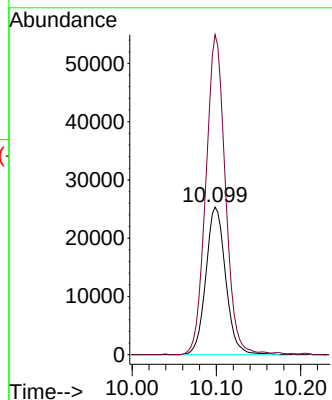
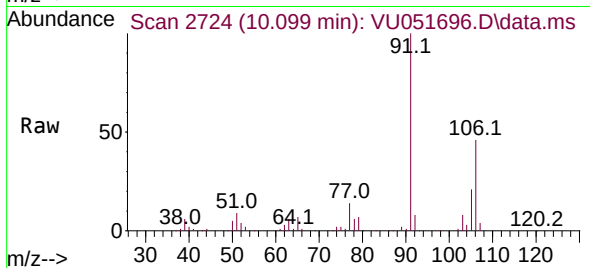
BHAB3DL

Tgt Ion:106 Resp: 41367

Ion Ratio Lower Upper

106 100

91 217.0 149.2 277.2



#55

Styrene

Concen: 0.069 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.013 min

Lab File: VU051696.D

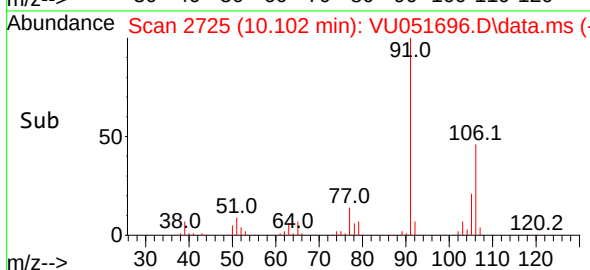
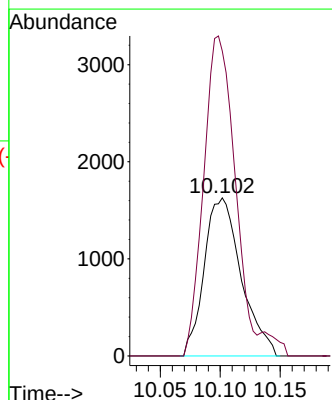
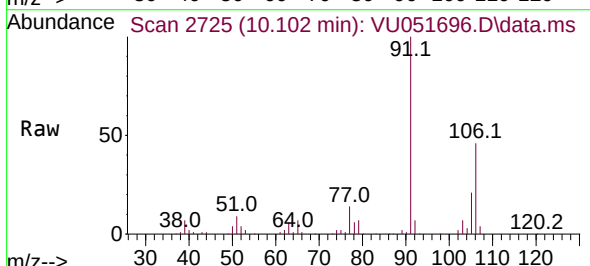
Acq: 02 Nov 2022 17:19

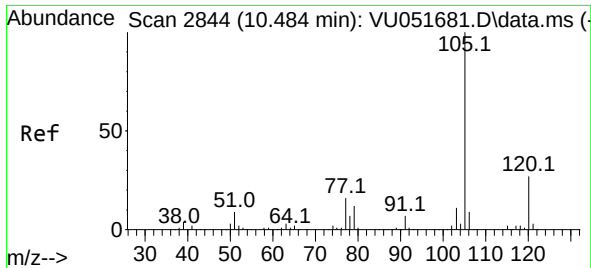
Tgt Ion:104 Resp: 3488

Ion Ratio Lower Upper

104 100

78 192.9 31.8 59.0#

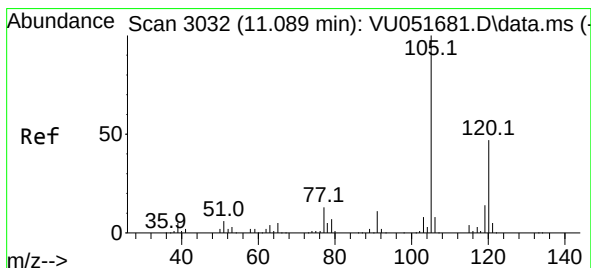
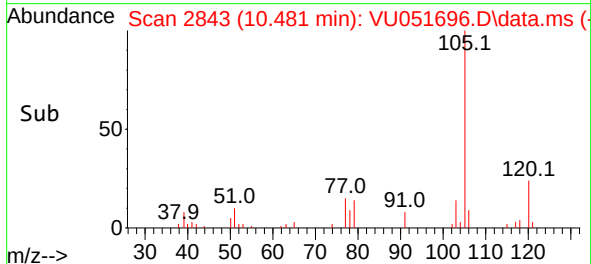
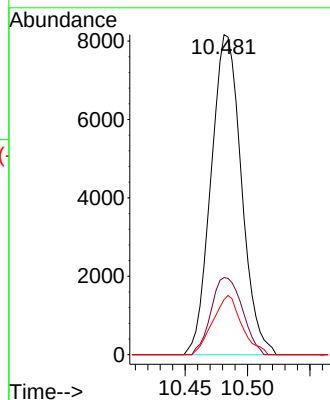
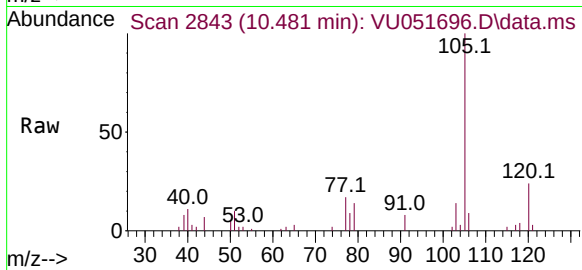




#60
Isopropylbenzene
Concen: 0.202 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

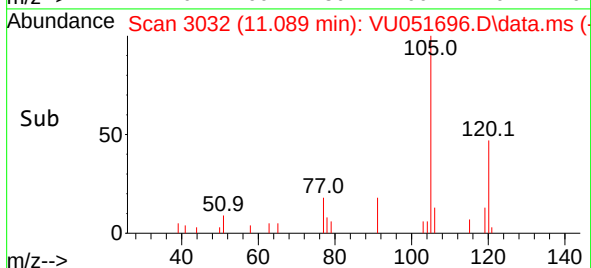
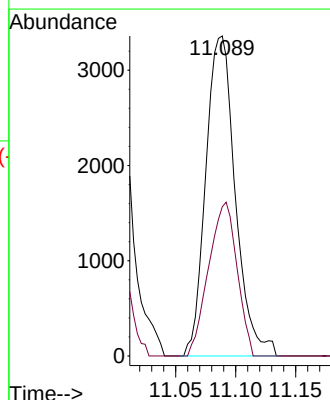
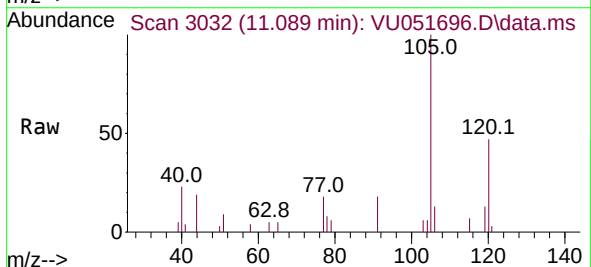
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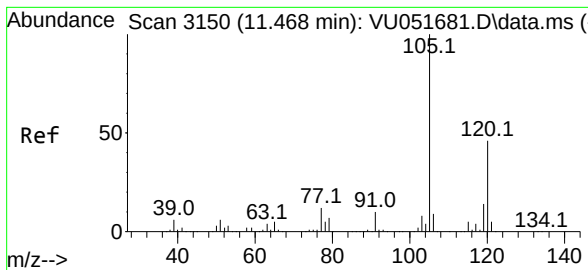
Tgt Ion:105 Resp: 13841
Ion Ratio Lower Upper
105 100
120 24.8 20.9 31.3
77 17.6 12.3 18.5



#62
1,3,5-Trimethylbenzene
Concen: 0.313 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

Tgt Ion:105 Resp: 5755
Ion Ratio Lower Upper
105 100
120 46.0 38.6 57.8

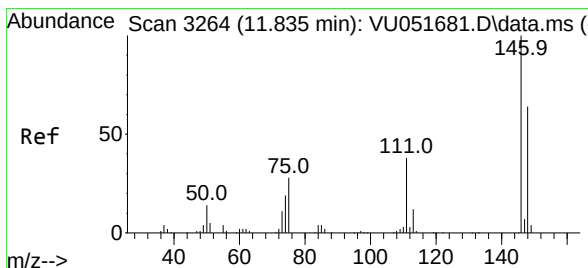
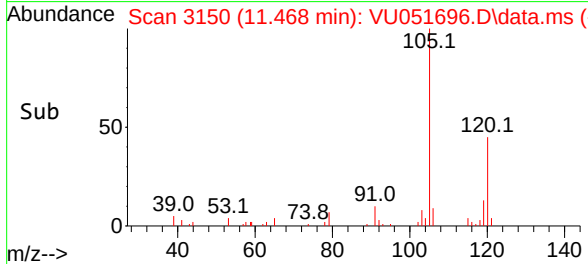
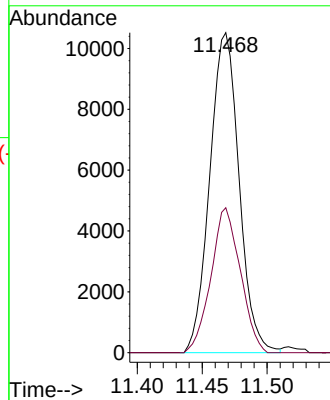
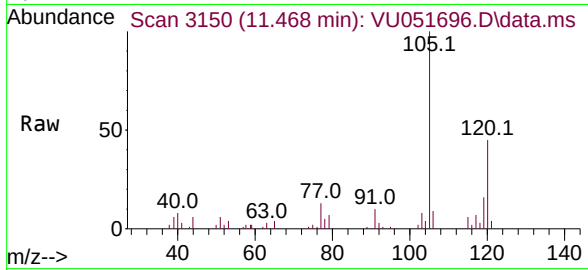




#63
1,2,4-Trimethylbenzene
Concen: 0.311 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

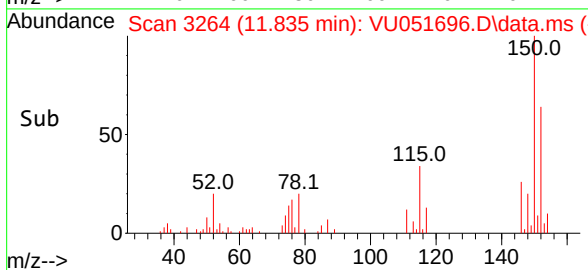
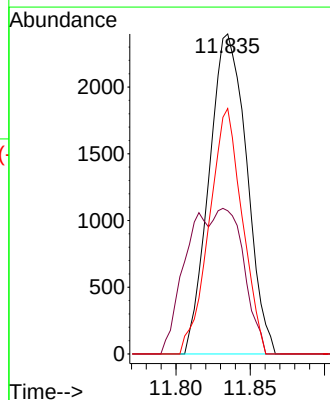
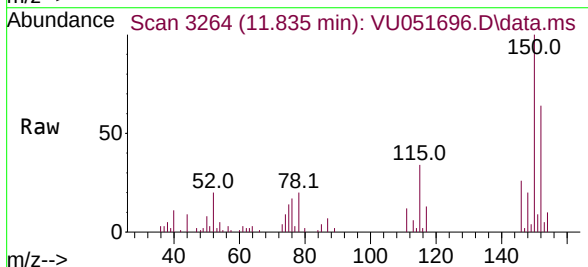
Instrument :
MSVOA_U
ClientSampleId :
BHAB3DL

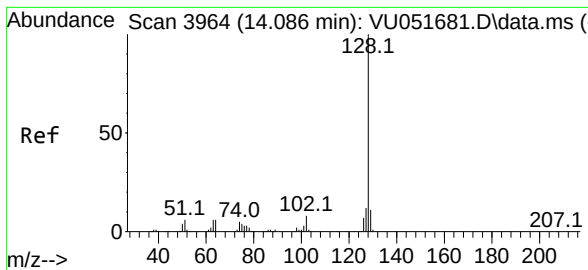
Tgt Ion:105 Resp: 16513
Ion Ratio Lower Upper
105 100
120 45.3 35.8 53.6



#65
1,4-Dichlorobenzene
Concen: 0.123 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

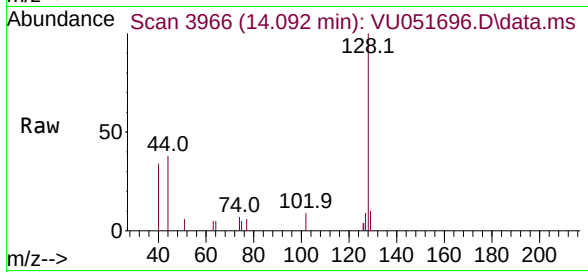
Tgt Ion:146 Resp: 4215
Ion Ratio Lower Upper
146 100
111 44.7 26.7 49.5
148 76.7 43.5 80.9





#71
Naphthalene
Concen: 0.158 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
BHAB3DL



Tgt Ion:	128	Resp:	5480
Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.4	12.6#
127	4.2	10.3	15.5#

