

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051526.D
 Acq On : 27 Oct 2022 01:41
 Operator : JC/MD
 Sample : N5300-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE4

Quant Time: Oct 27 08:26:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

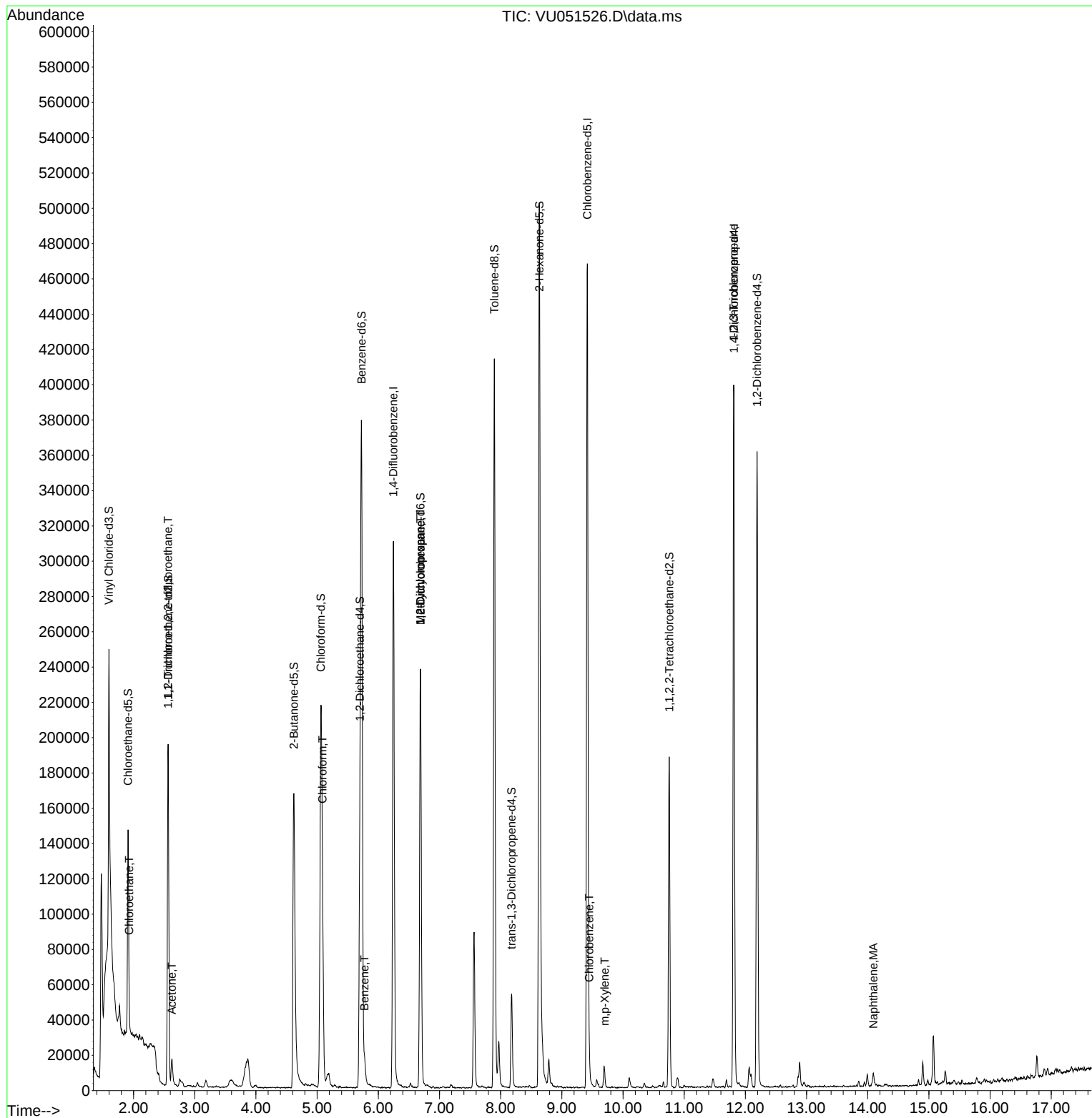
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	261317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	98306	4.664	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.909	69	91788	5.068	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.565	65	37091	4.451	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.620	46	246369	53.087	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.180%	
24) Chloroform-d	5.060	84	186650	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.700	65	96472	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.726	84	372831	5.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.690	67	122097	4.867	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.896	98	287252	4.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	8.179	79	32127	3.898	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.633	63	169800	61.126	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.260%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94865	4.734	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	99503	5.208	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
8) Chloroethane	1.925	64	1724	0.092	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	995	0.049	ug/L #	21
13) Acetone	2.626	43	16718	4.803	ug/L	99
25) Chloroform	5.086	83	83690	1.937	ug/L	99
33) Benzene	5.774	78	11939	0.133	ug/L	100
35) Methylcyclohexane	6.690	83	28959	1.026	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	12447	0.507	ug/L #	89
51) Chlorobenzene	9.446	112	6615	0.116	ug/L	93
53) m,p-Xylene	9.700	106	3866	0.117	ug/L	74
61) 1,2,3-Trichloropropane	11.809	75	13915	1.003	ug/L #	68
71) Naphthalene	14.092	128	7200	0.230	ug/L #	95

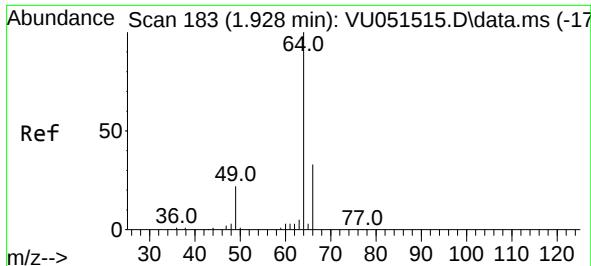
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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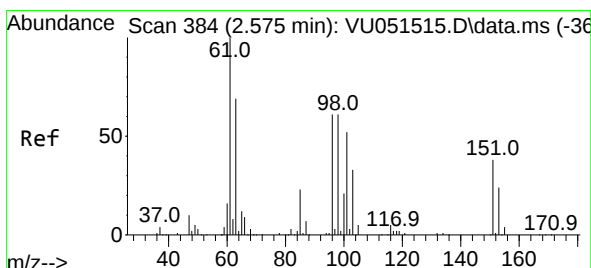
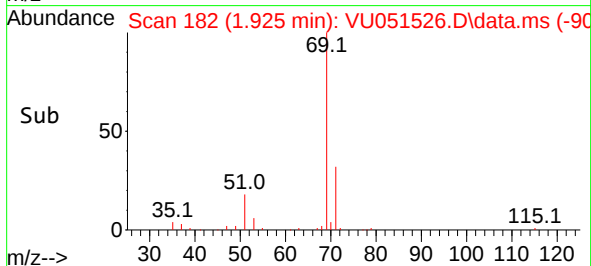
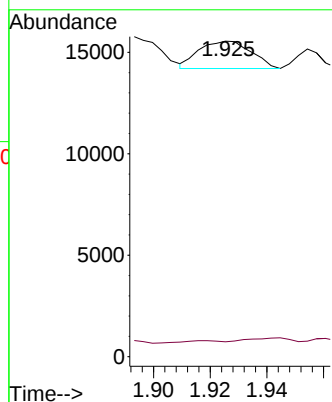
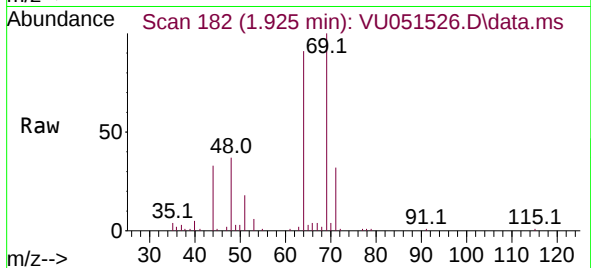




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051526.D
Acq: 27 Oct 2022 01:41

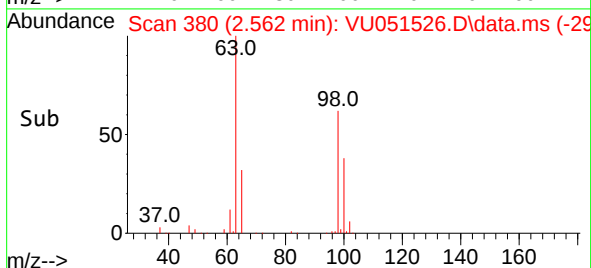
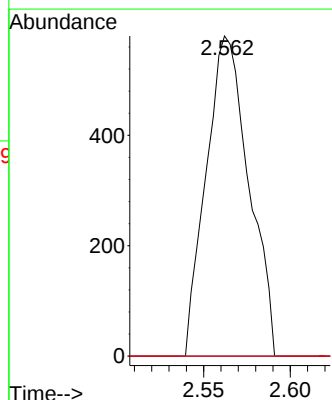
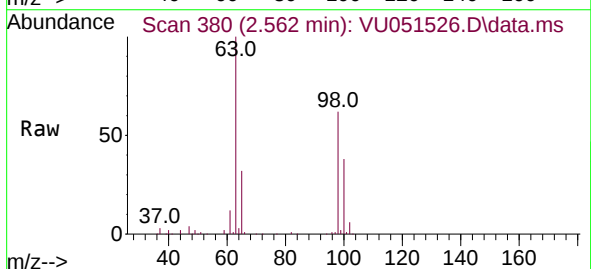
Instrument :
MSVOA_U
ClientSampleId :
BHA4

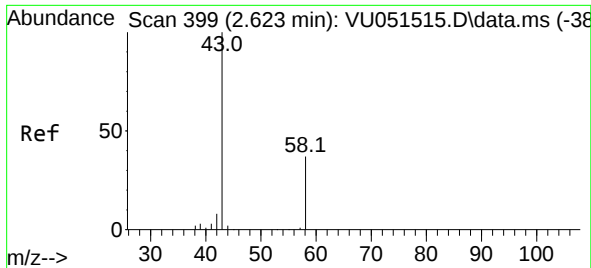
Tgt Ion: 64 Resp: 1724
Ion Ratio Lower Upper
64 100
66 4.7 22.3 41.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051526.D
Acq: 27 Oct 2022 01:41

Tgt Ion:101 Resp: 995
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#





#13

Acetone

Concen: 4.803 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051526.D

Acq: 27 Oct 2022 01:41

Instrument :

MSVOA_U

ClientSampleId :

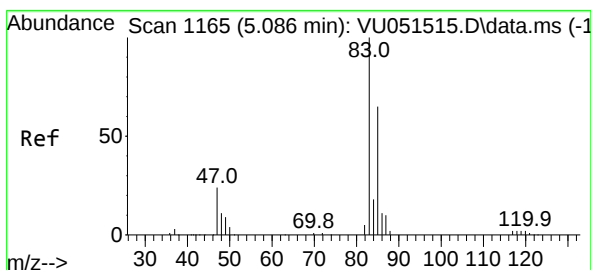
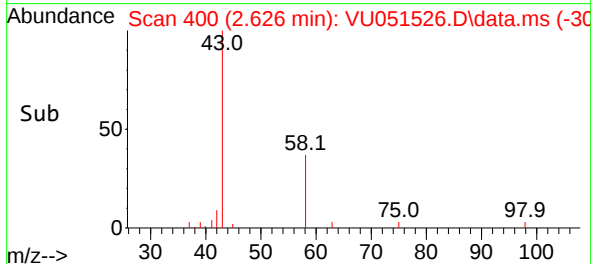
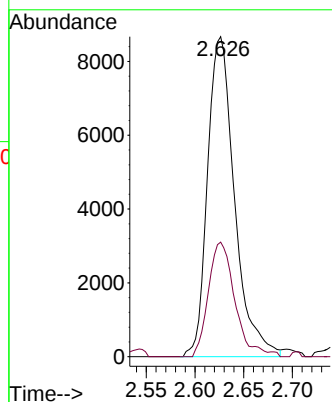
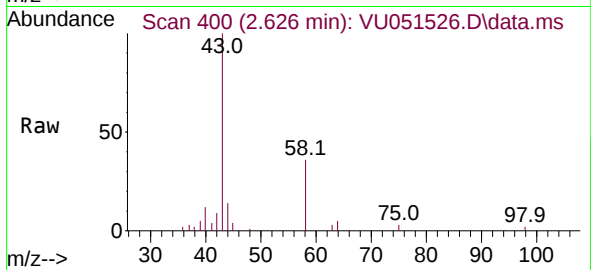
BHAE4

Tgt Ion: 43 Resp: 16718

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.8



#25

Chloroform

Concen: 1.937 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051526.D

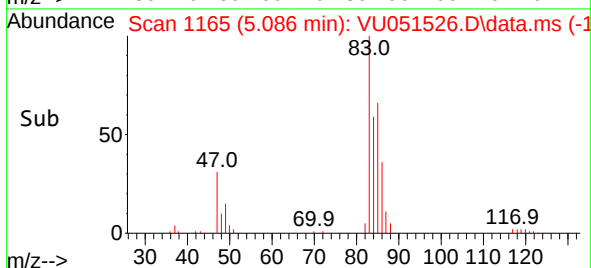
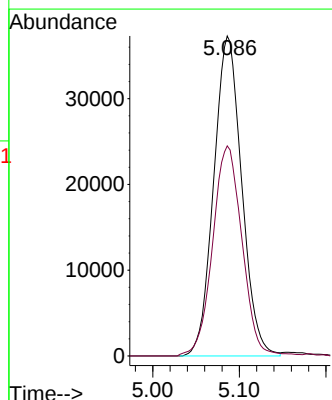
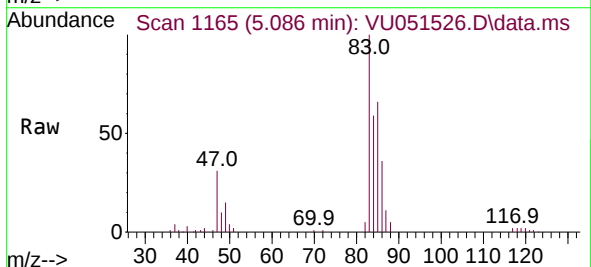
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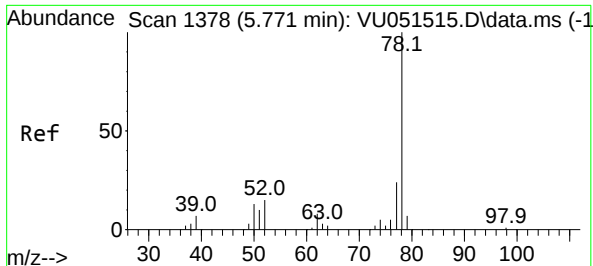
Tgt Ion: 83 Resp: 83690

Ion Ratio Lower Upper

83 100

85 65.7 45.6 84.6

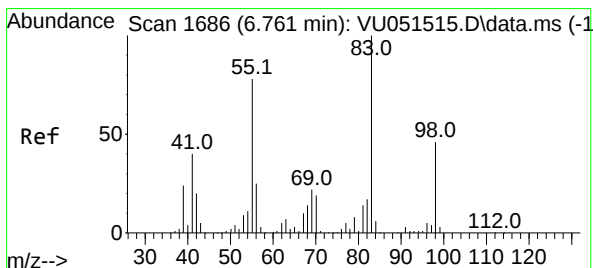
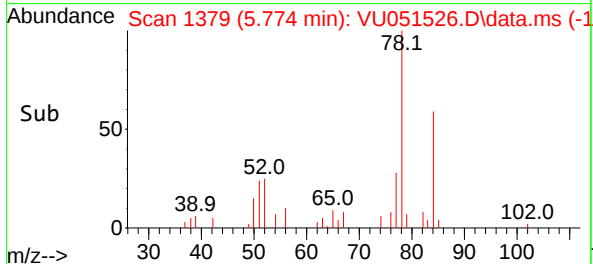
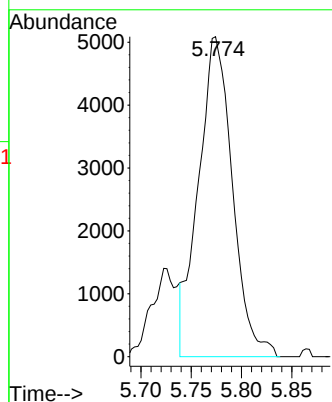
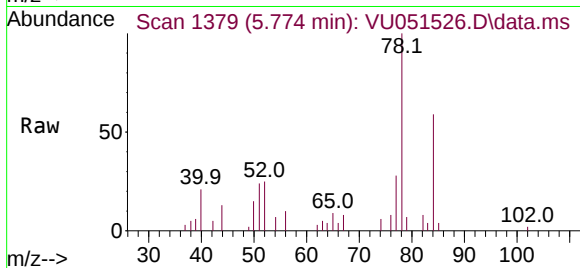




#33
Benzene
Concen: 0.133 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051526.D
Acq: 27 Oct 2022 01:41

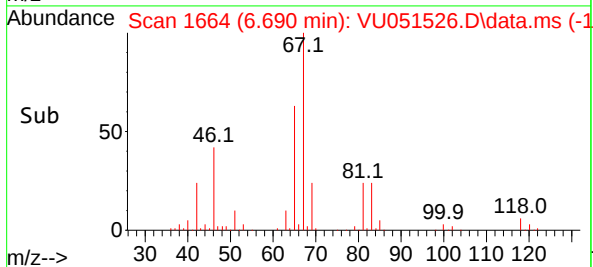
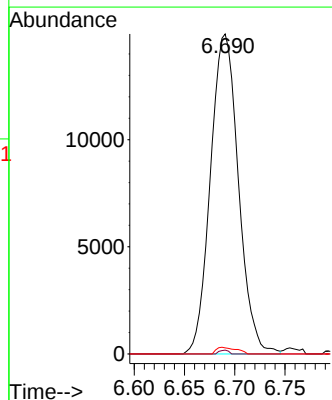
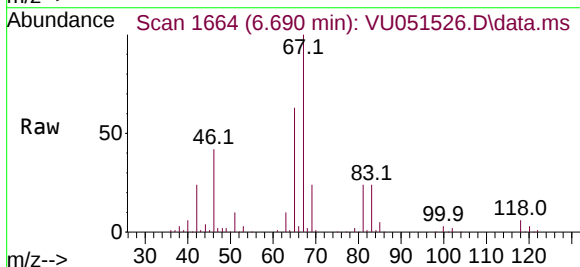
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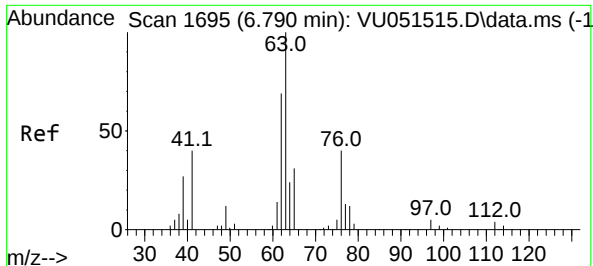
Tgt Ion: 78 Resp: 11939



#35
Methylcyclohexane
Concen: 1.026 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051526.D
Acq: 27 Oct 2022 01:41

Tgt Ion: 83 Resp: 28959
Ion Ratio Lower Upper
83 100
55 0.4 65.8 98.6#
98 1.5 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051526.D

Acq: 27 Oct 2022 01:41

Instrument :

MSVOA_U

ClientSampleId :

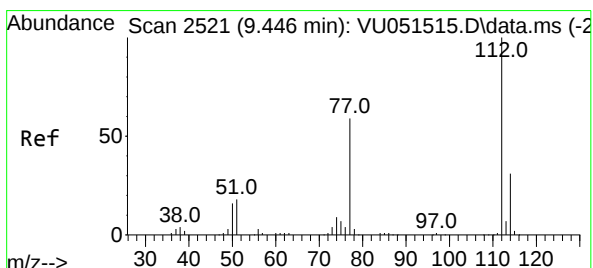
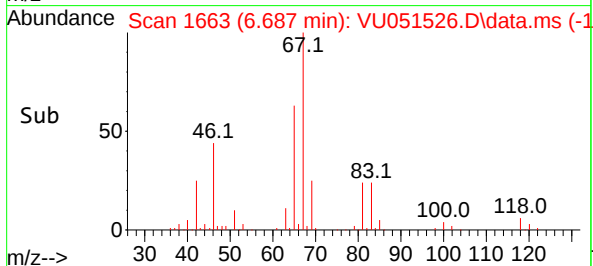
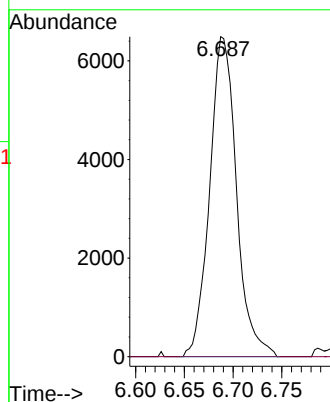
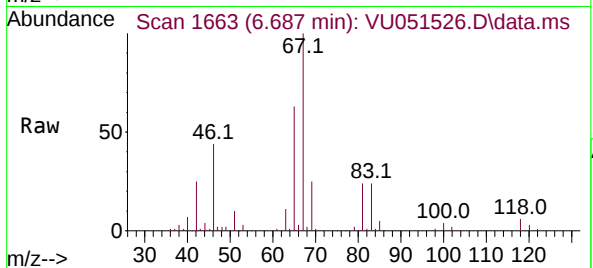
BHAE4

Tgt Ion: 63 Resp: 12447

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#51

Chlorobenzene

Concen: 0.116 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051526.D

Acq: 27 Oct 2022 01:41

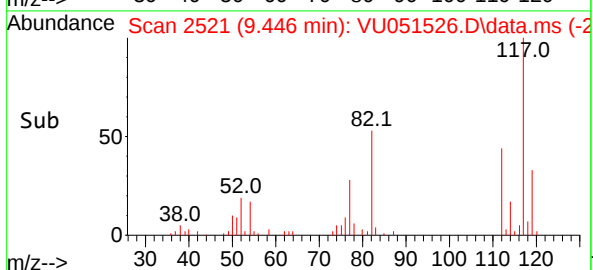
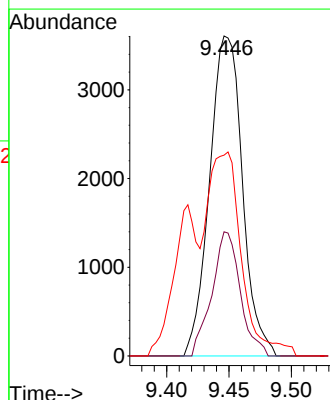
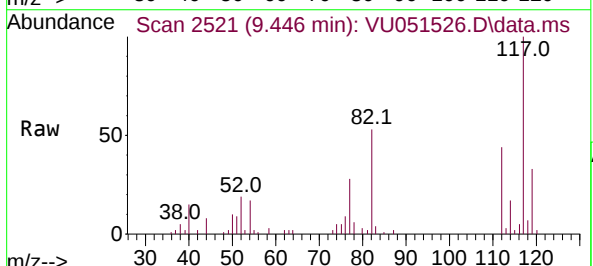
Tgt Ion: 112 Resp: 6615

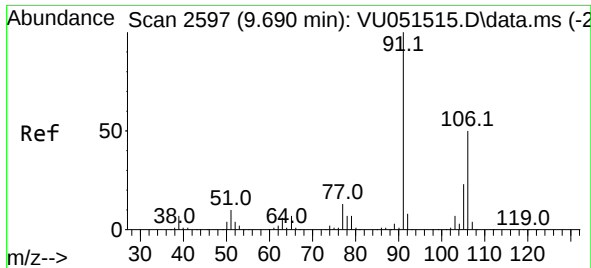
Ion Ratio Lower Upper

112 100

114 38.8 22.3 41.5

77 62.7 48.1 72.1

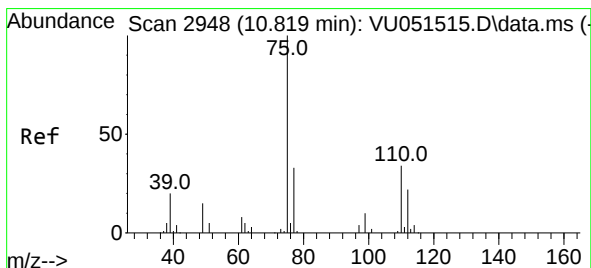
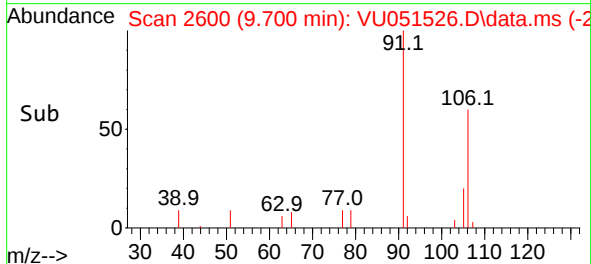
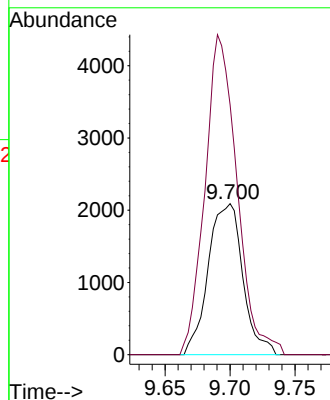
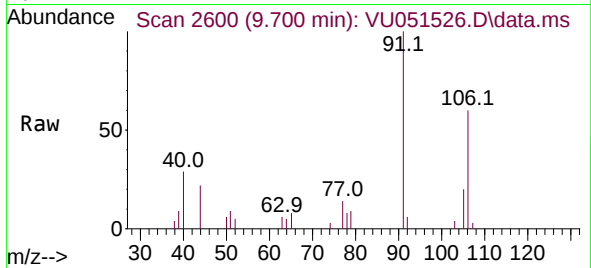




#53
m,p-Xylene
Concen: 0.117 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU051526.D
Acq: 27 Oct 2022 01:41

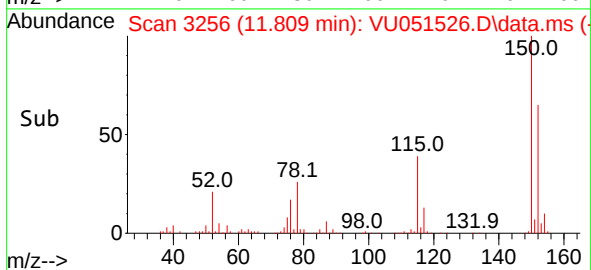
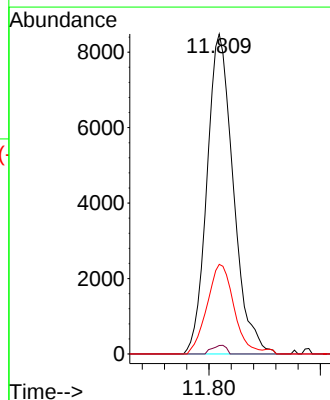
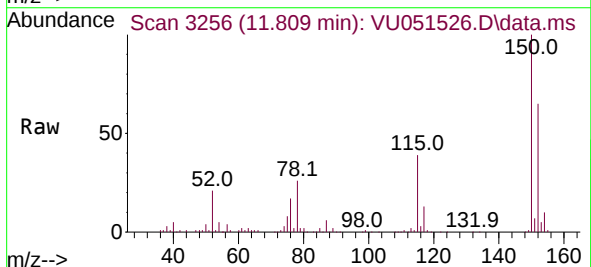
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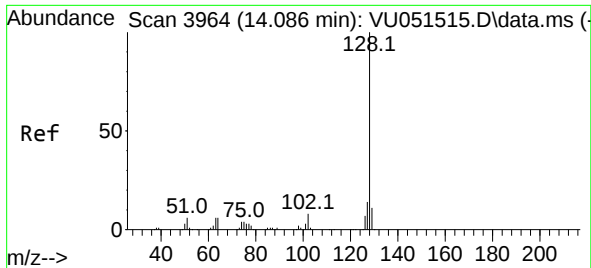
Tgt Ion:106 Resp: 3866
Ion Ratio Lower Upper
106 100
91 165.5 143.9 267.3



#61
1,2,3-Trichloropropane
Concen: 1.003 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051526.D
Acq: 27 Oct 2022 01:41

Tgt Ion: 75 Resp: 13915
Ion Ratio Lower Upper
75 100
110 1.5 27.0 40.6#
77 28.6 26.4 39.6





#71

Naphthalene

Concen: 0.230 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VU051526.D

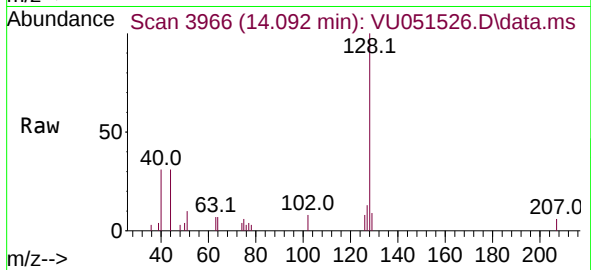
Acq: 27 Oct 2022 01:41

Instrument :

MSVOA_U

ClientSampleId :

BHAE4



Tgt Ion:	128	Resp:	7200
Ion	Ratio	Lower	Upper
128	100		
129	7.5	8.5	12.7#
127	12.7	11.1	16.7

