

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051527.D
 Acq On : 27 Oct 2022 02:06
 Operator : JC/MD
 Sample : N5300-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAE5

Quant Time: Oct 27 08:26:28 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)

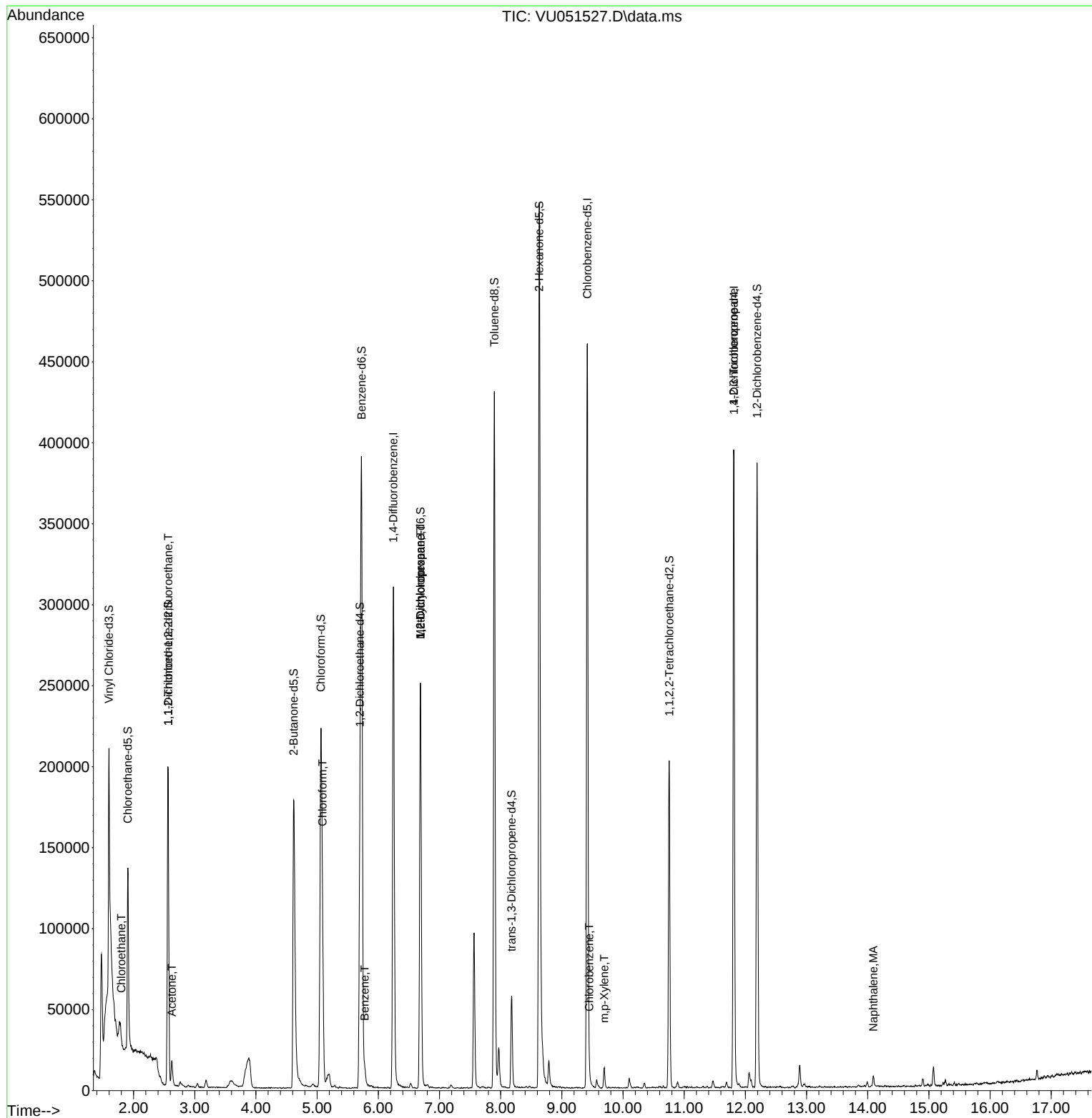
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	256430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99285	4.800	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.906	69	93278	5.248	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.565	65	39748	4.861	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.617	46	257787	56.605	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.220%	
24) Chloroform-d	5.060	84	190243	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.700	65	100543	5.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.726	84	381914	5.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
36) 1,2-Dichloropropane-d6	6.687	67	128295	5.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.896	98	298283	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	8.179	79	33739	4.164	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.629	63	184928	67.718	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	135.440%#	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	103025	5.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	103897	5.541	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
8) Chloroethane	1.800	64	5722	0.311	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1170	0.059	ug/L #	21
13) Acetone	2.623	43	16296	4.771	ug/L	99
25) Chloroform	5.086	83	80578	1.900	ug/L	96
33) Benzene	5.777	78	8492	0.096	ug/L	100
35) Methylcyclohexane	6.687	83	27992	1.009	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	12748	0.528	ug/L #	88
51) Chlorobenzene	9.449	112	3920	0.070	ug/L	92
53) m,p-Xylene	9.694	106	3179	0.098	ug/L	95
61) 1,2,3-Trichloropropane	11.809	75	12881	0.946	ug/L #	72
71) Naphthalene	14.092	128	5892	0.191	ug/L	97

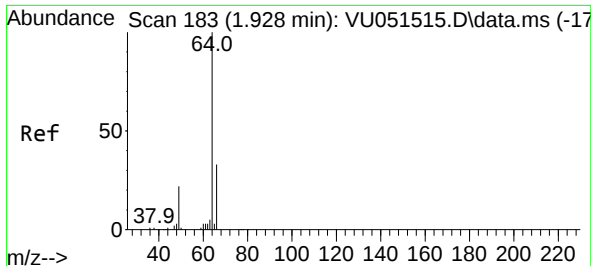
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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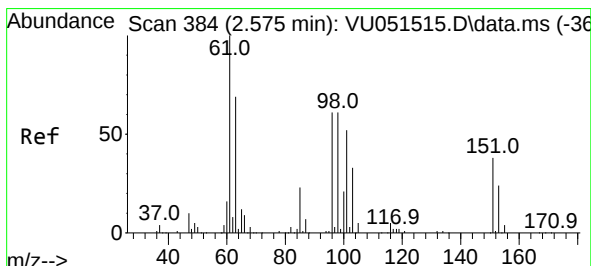
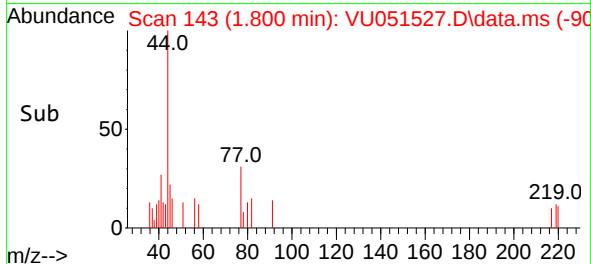
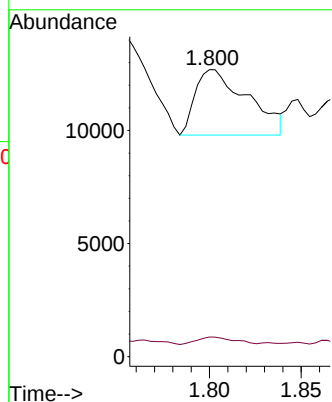
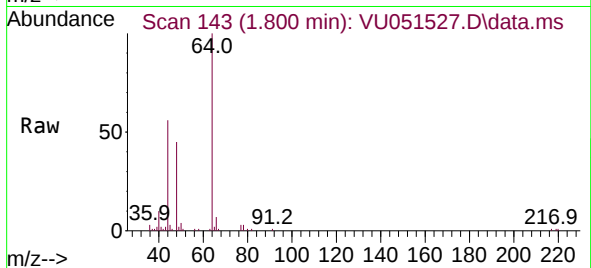




#8
Chloroethane
Concen: 0.311 ug/L
RT: 1.800 min Scan# 143
Delta R.T. -0.129 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

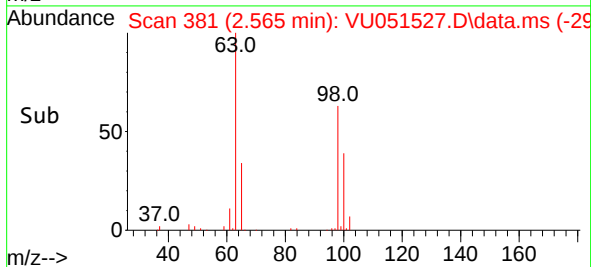
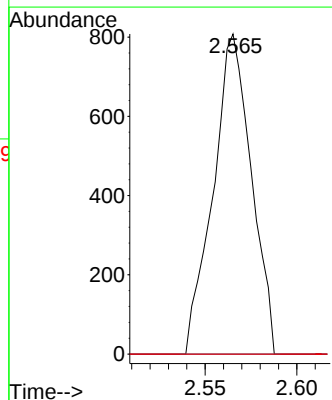
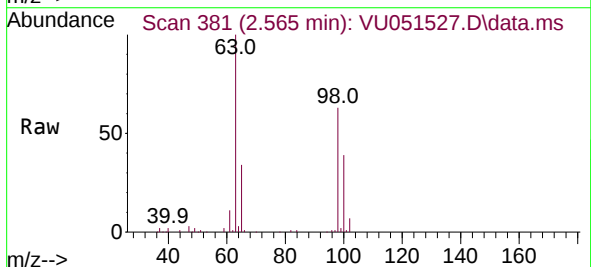
Instrument :
MSVOA_U
ClientSampleId :
BHA5

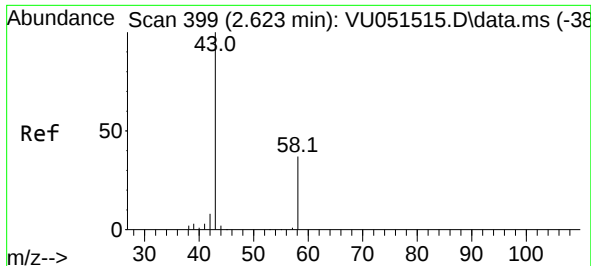
Tgt Ion: 64 Resp: 5722
Ion Ratio Lower Upper
64 100
66 6.8 22.3 41.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

Tgt Ion: 101 Resp: 1170
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#





#13

Acetone

Concen: 4.771 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051527.D

Acq: 27 Oct 2022 02:06

Instrument :

MSVOA_U

ClientSampleId :

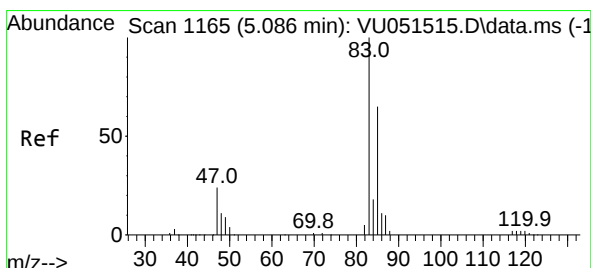
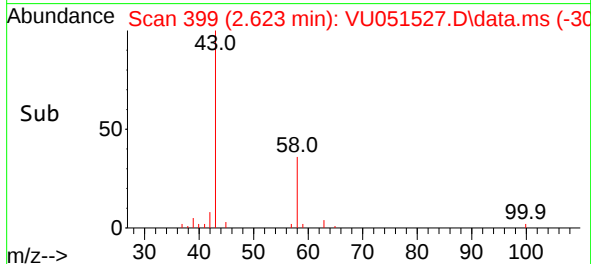
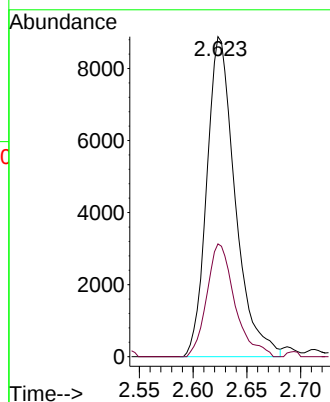
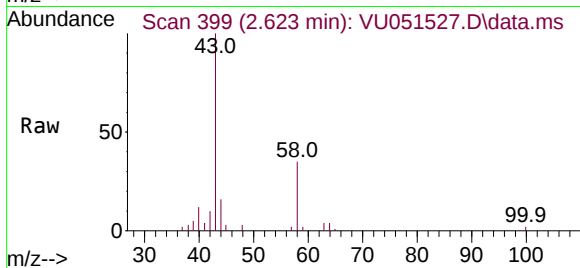
BHAE5

Tgt Ion: 43 Resp: 16296

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.8



#25

Chloroform

Concen: 1.900 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051527.D

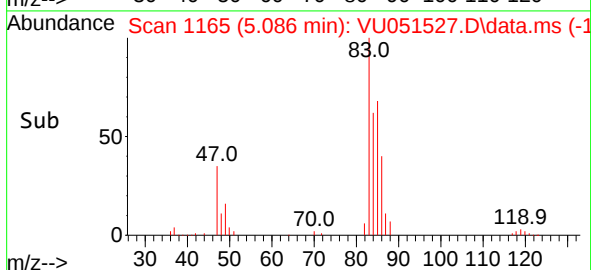
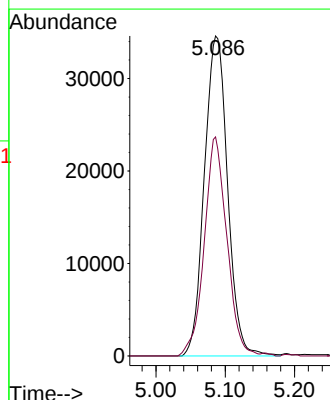
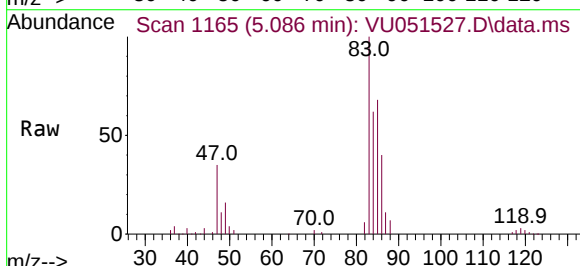
Acq: 27 Oct 2022 02:06

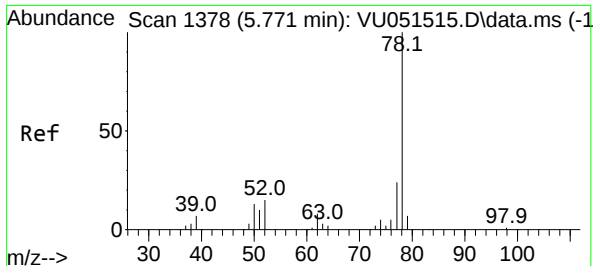
Tgt Ion: 83 Resp: 80578

Ion Ratio Lower Upper

83 100

85 68.4 45.6 84.6

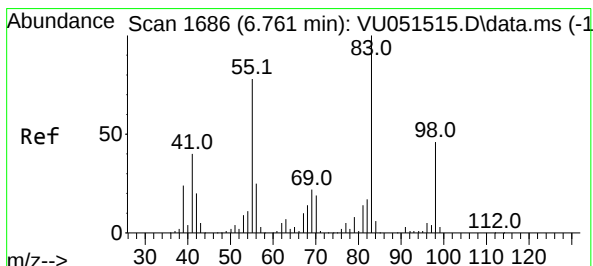
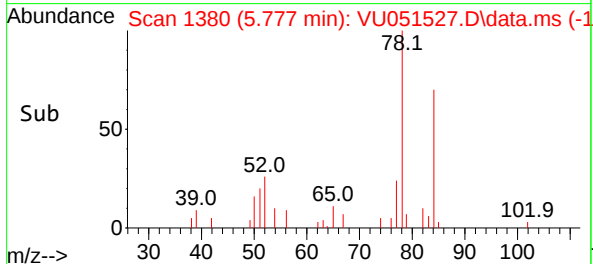
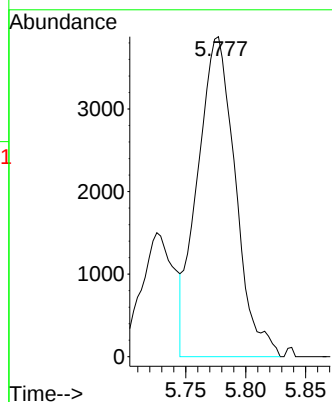
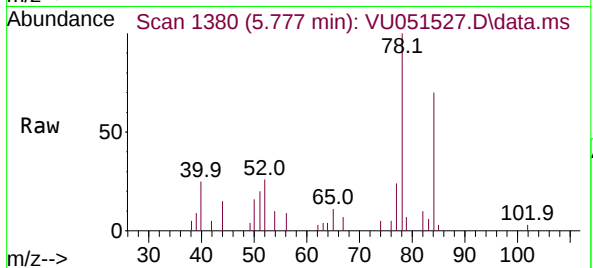




#33
Benzene
Concen: 0.096 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

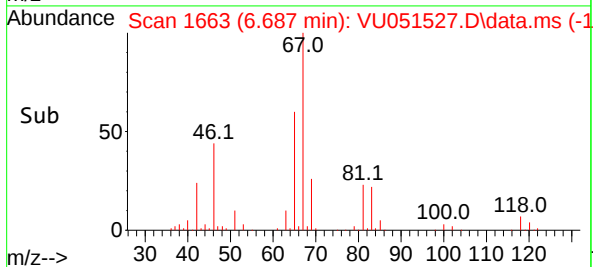
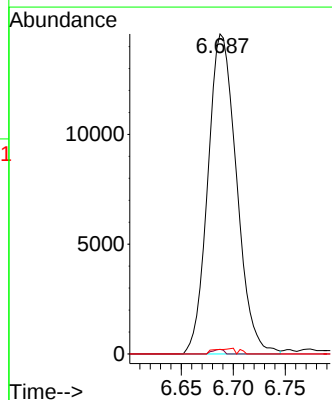
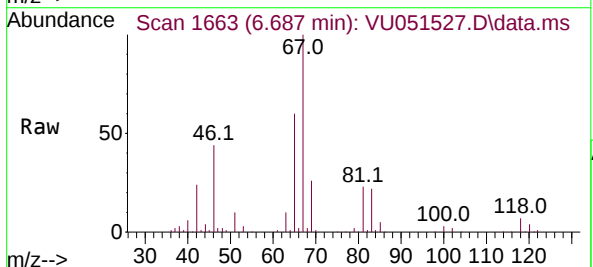
Instrument :
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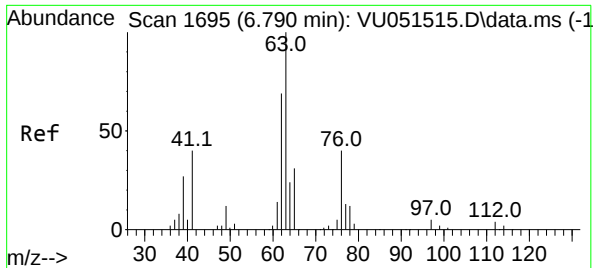
Tgt Ion: 78 Resp: 8492



#35
Methylcyclohexane
Concen: 1.009 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

Tgt Ion: 83 Resp: 27992
Ion Ratio Lower Upper
83 100
55 0.6 65.8 98.6#
98 1.2 35.9 53.9#

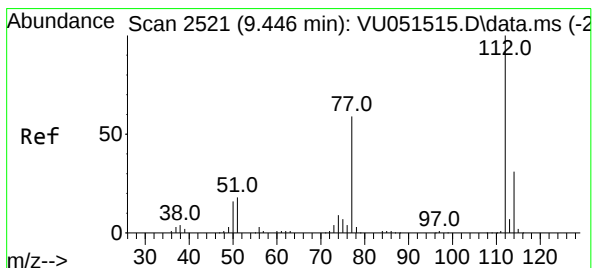
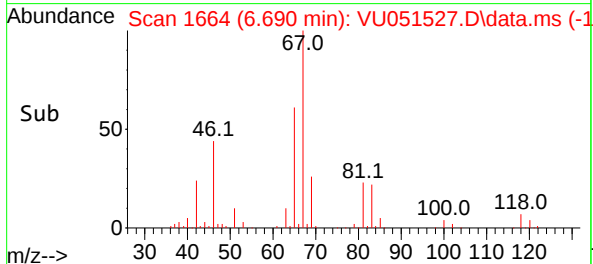
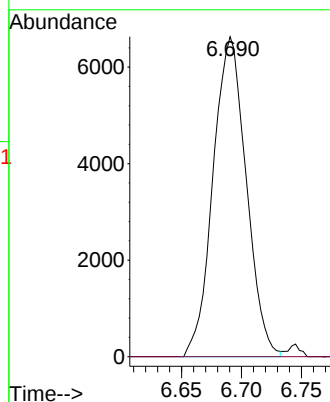
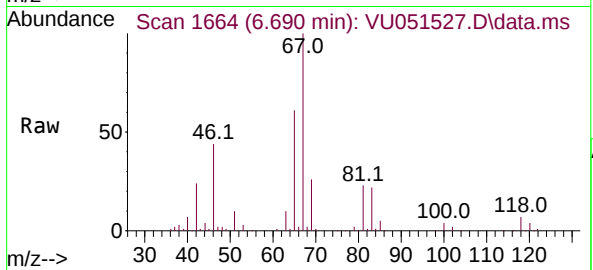




#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

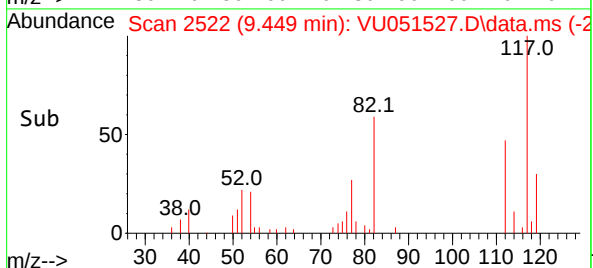
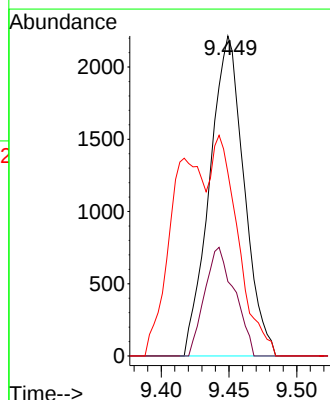
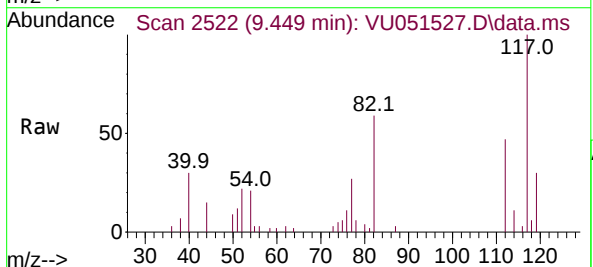
Instrument :
MSVOA_U
ClientSampleId :
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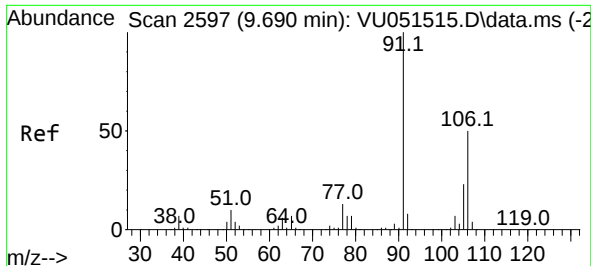
Tgt Ion: 63 Resp: 12748
Ion Ratio Lower Upper
63 100
112 0.1 3.2 4.8#



#51
Chlorobenzene
Concen: 0.070 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

Tgt Ion: 112 Resp: 3920
Ion Ratio Lower Upper
112 100
114 23.3 22.3 41.5
77 57.2 48.1 72.1

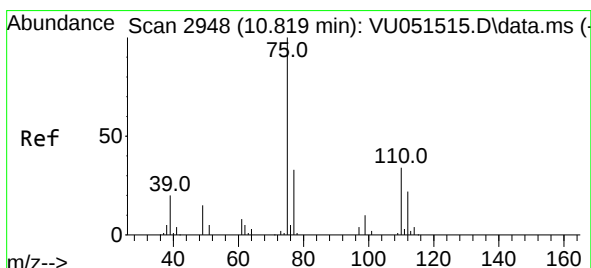
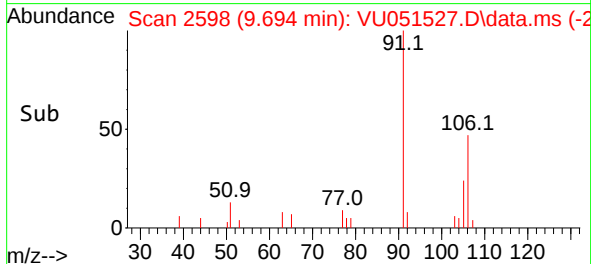
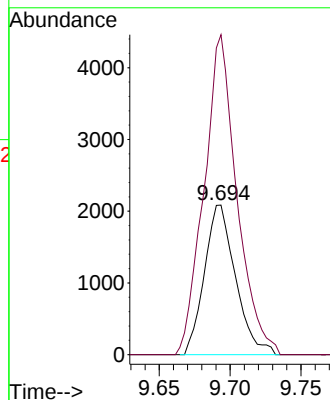
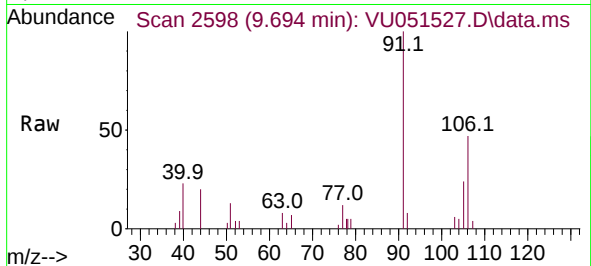




#53
m,p-Xylene
Concen: 0.098 ug/L
RT: 9.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

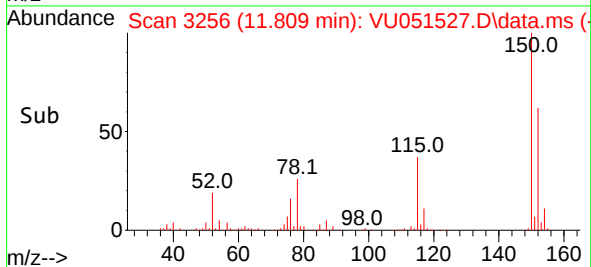
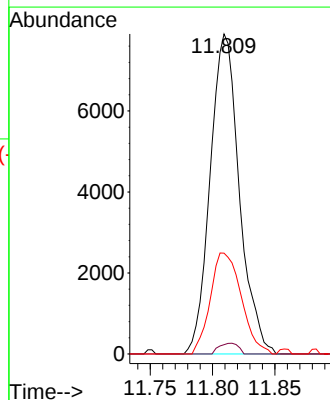
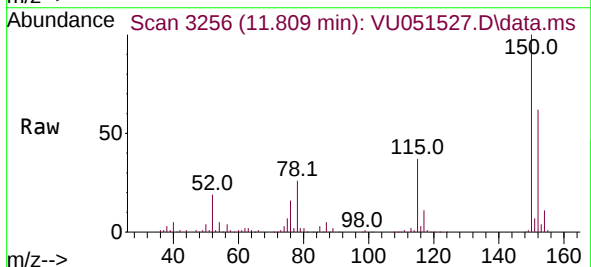
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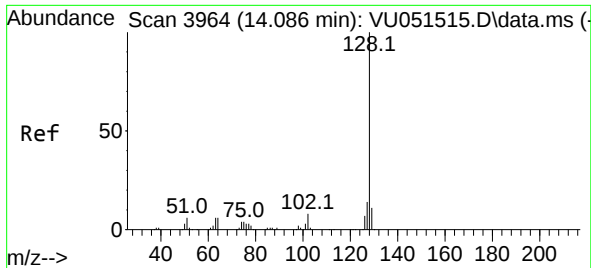
Tgt Ion:106 Resp: 3179
Ion Ratio Lower Upper
106 100
91 214.0 143.9 267.3



#61
1,2,3-Trichloropropane
Concen: 0.946 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

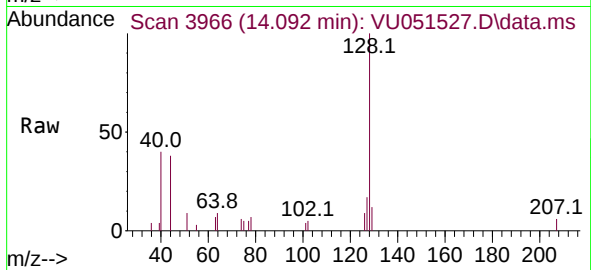
Tgt Ion: 75 Resp: 12881
Ion Ratio Lower Upper
75 100
110 2.2 27.0 40.6#
77 33.5 26.4 39.6





#71
Naphthalene
Concen: 0.191 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051527.D
Acq: 27 Oct 2022 02:06

Instrument :
MSVOA_U
ClientSampleId :
BHA5



Tgt Ion:	128	Resp:	5892
Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.5	12.7
127	15.3	11.1	16.7

