

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051234.D
 Acq On : 07 Oct 2022 21:52
 Operator : JC/MD
 Sample : N4872-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX8

Quant Time: Oct 08 04:29:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

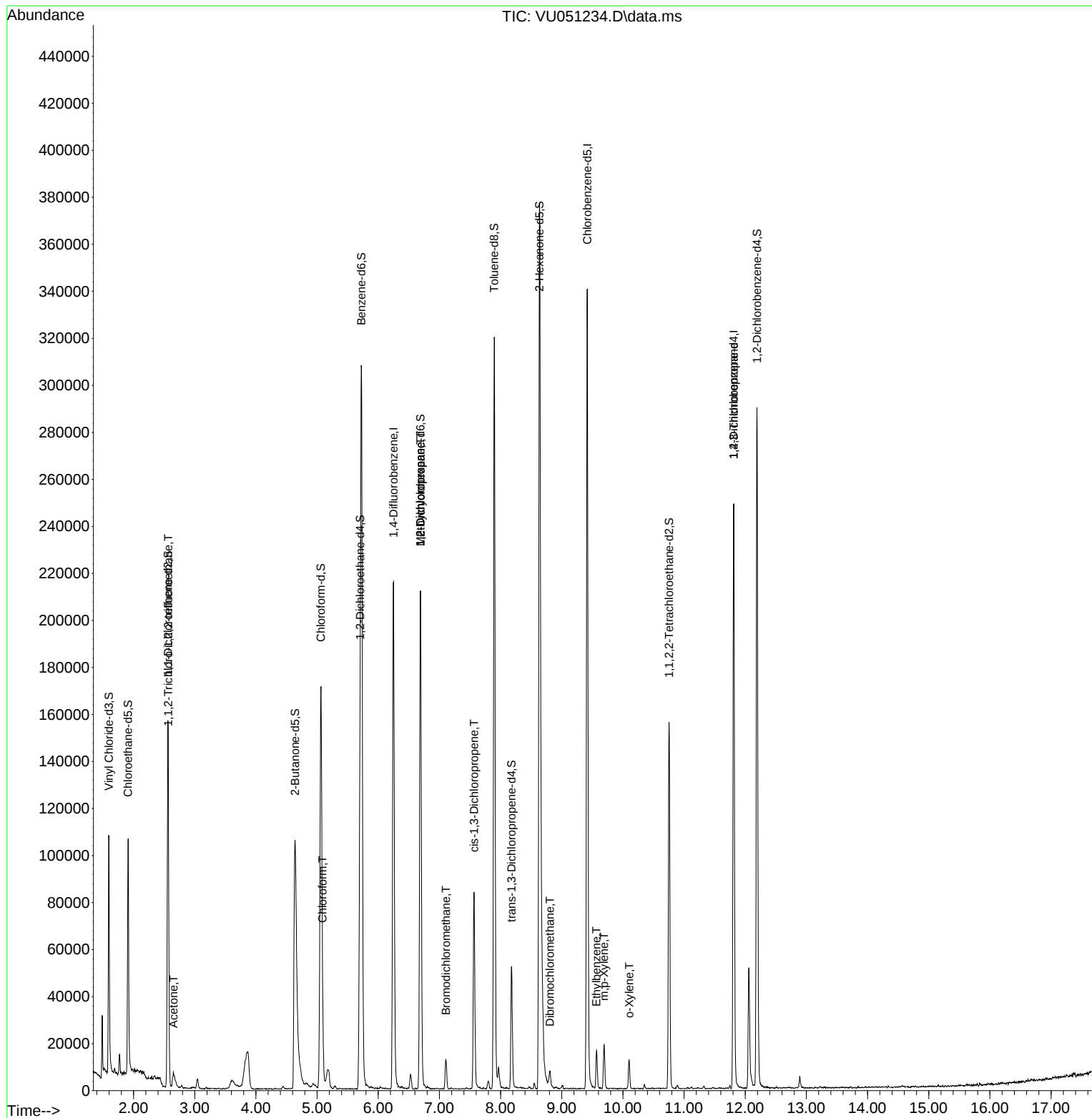
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	170973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	77411	5.613	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.200%	
7) Chloroethane-d5	1.909	69	71479	6.032	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	120.600%	
11) 1,1-Dichloroethene-d2	2.562	65	30081	5.518	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	110.400%	
20) 2-Butanone-d5	4.639	46	198804	65.473	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.940%#	
24) Chloroform-d	5.063	84	158095	6.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	123.000%	
26) 1,2-Dichloroethane-d4	5.703	65	85449	6.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	128.800%	
32) Benzene-d6	5.726	84	283864	5.342	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
36) 1,2-Dichloropropane-d6	6.690	67	102691	5.691	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	7.896	98	217922	4.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.179	79	29973	5.056	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.200%	
46) 2-Hexanone-d5	8.636	63	106451	53.276	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.560%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80875	5.611	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	77012	6.623	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	132.400%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	941	0.071	ug/L #	21
13) Acetone	2.652	43	11633	5.108	ug/L	97
25) Chloroform	5.089	83	17493	0.619	ug/L	91
35) Methylcyclohexane	6.690	83	22511	1.109	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11047	0.625	ug/L #	88
38) Bromodichloromethane	7.105	83	8835	0.419	ug/L	87
39) cis-1,3-Dichloropropene	7.568	75	2135	0.101	ug/L #	59
49) Dibromochloromethane	8.809	129	2918	0.209	ug/L	93
52) Ethylbenzene	9.568	91	11229	0.183	ug/L	96
53) m,p-Xylene	9.693	106	4959	0.208	ug/L	100
54) o-Xylene	10.105	106	3339	0.148	ug/L	87
61) 1,2,3-Trichloropropane	11.812	75	8399	0.994	ug/L #	71

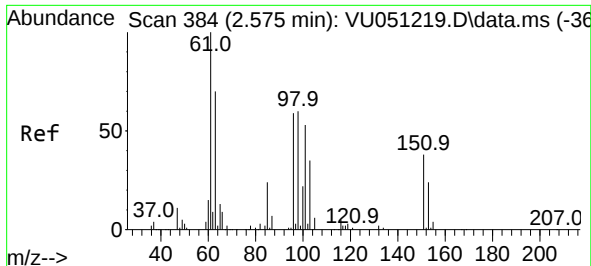
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.071 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU051234.D

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Instrument :

MSVOA_U

ClientSampleId :

EXFX8

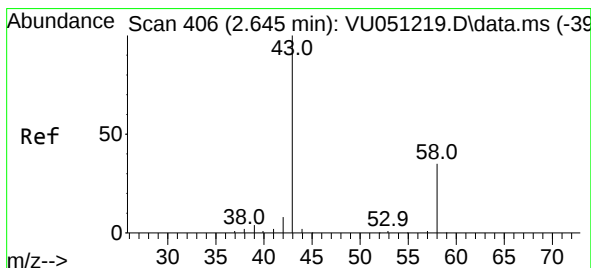
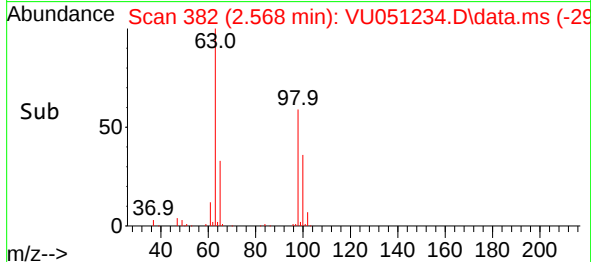
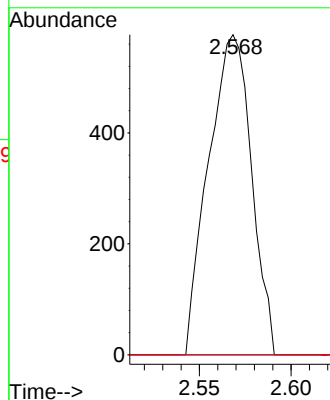
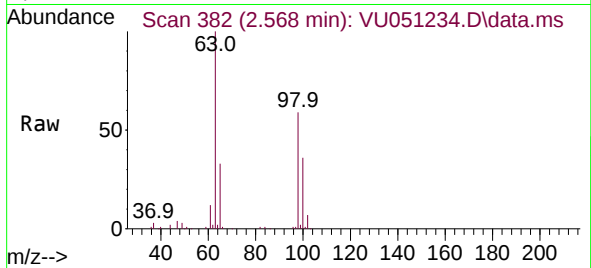
Tgt Ion:101 Resp: 941

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#



#13

Acetone

Concen: 5.108 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.006 min

Lab File: VU051234.D

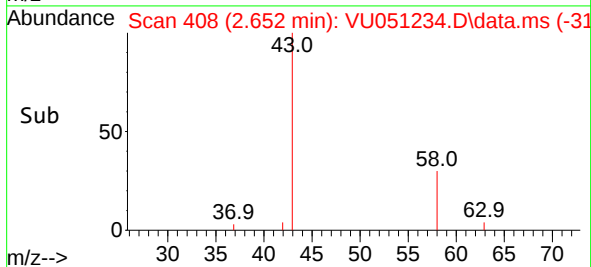
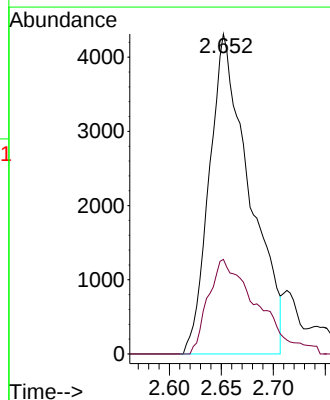
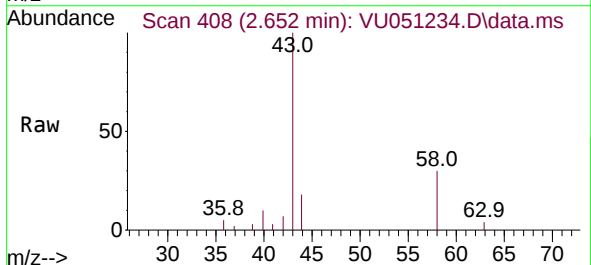
Acq: 07 Oct 2022 21:52

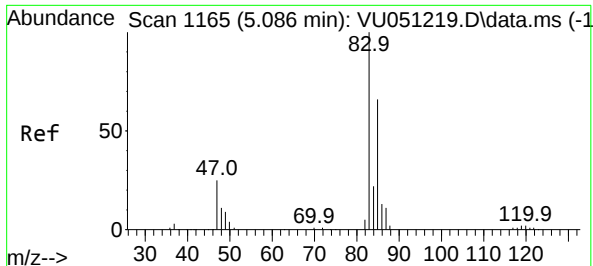
Tgt Ion: 43 Resp: 11633

Ion Ratio Lower Upper

43 100

58 35.9 0.0 68.8





#25

Chloroform

Concen: 0.619 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051234.D

Acq: 07 Oct 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

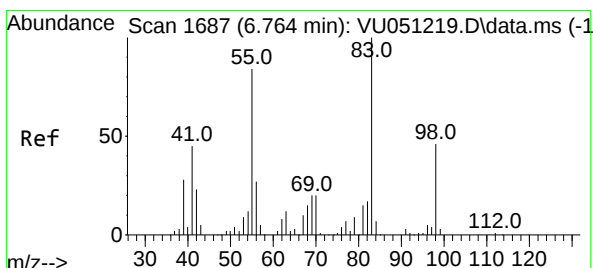
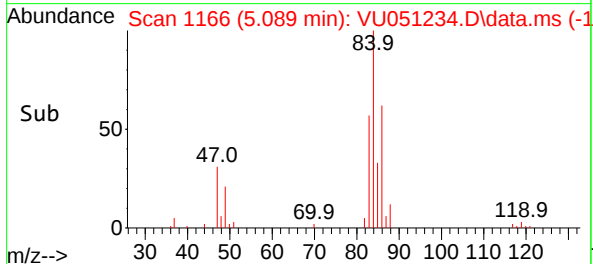
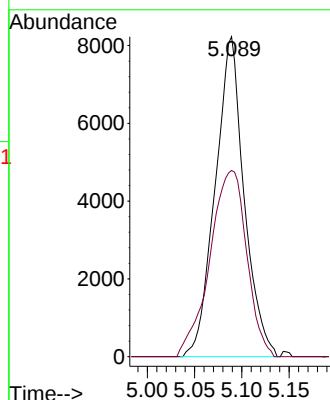
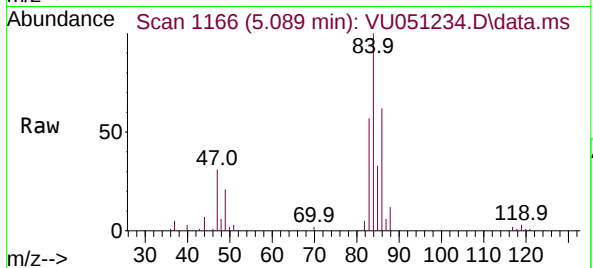
EXFX8

Tgt Ion: 83 Resp: 17493

Ion Ratio Lower Upper

83 100

85 58.2 45.6 84.6



#35

Methylcyclohexane

Concen: 1.109 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU051234.D

Acq: 07 Oct 2022 21:52

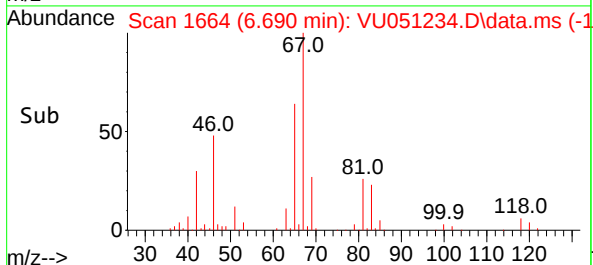
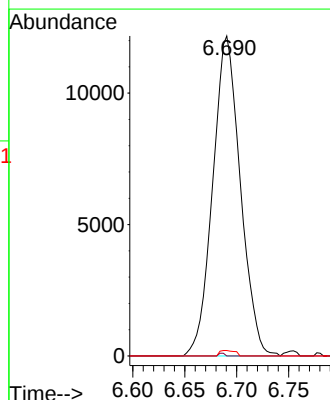
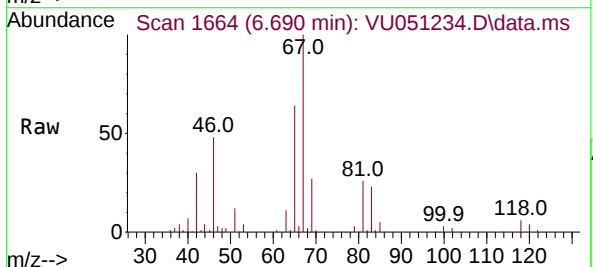
Tgt Ion: 83 Resp: 22511

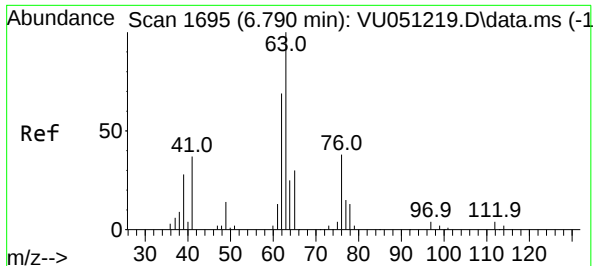
Ion Ratio Lower Upper

83 100

55 0.2 65.8 98.6#

98 1.0 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051234.D

Acq: 07 Oct 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

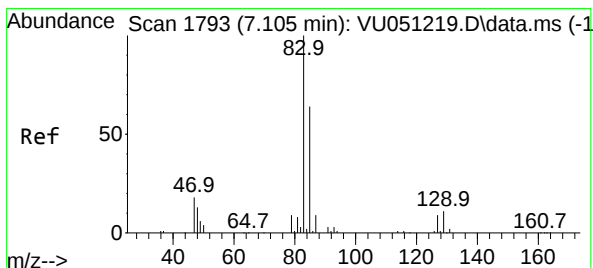
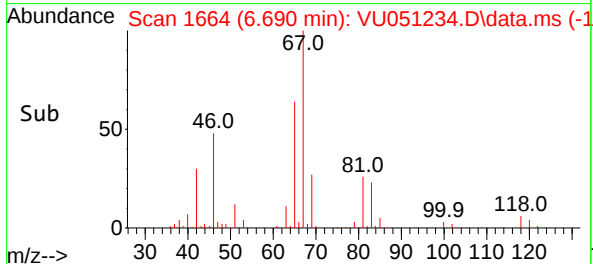
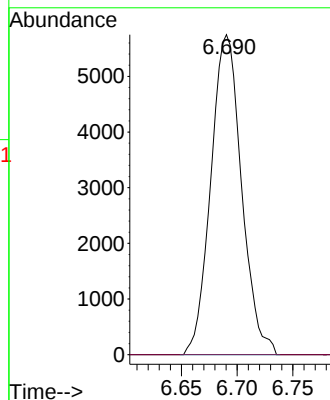
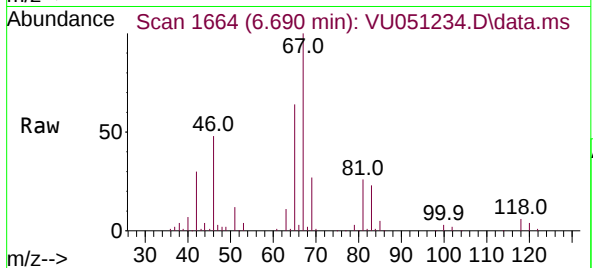
EXFX8

Tgt Ion: 63 Resp: 11047

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.419 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051234.D

Acq: 07 Oct 2022 21:52

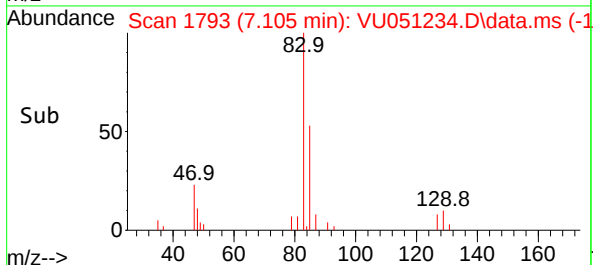
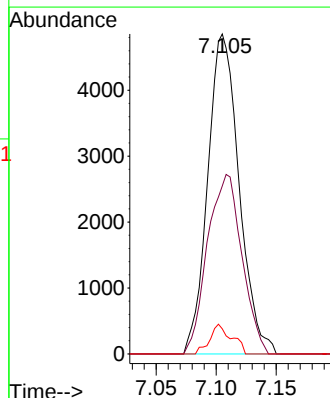
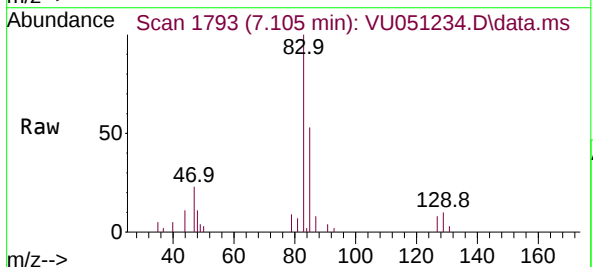
Tgt Ion: 83 Resp: 8835

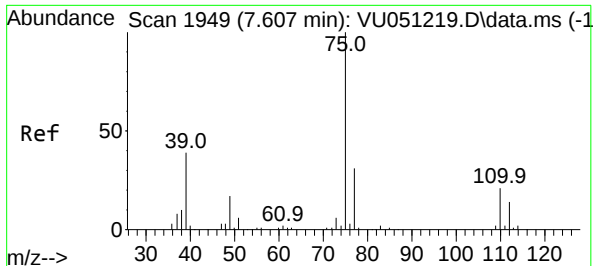
Ion Ratio Lower Upper

83 100

85 52.5 44.8 83.2

127 7.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU051234.D

Acq: 07 Oct 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

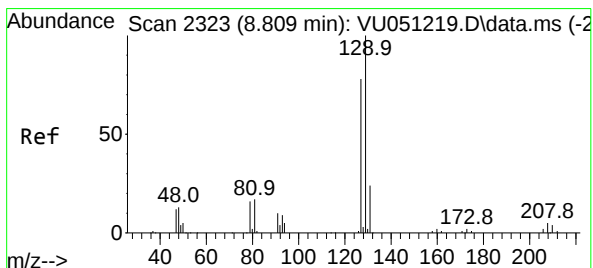
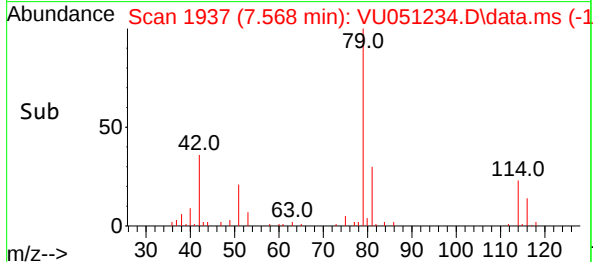
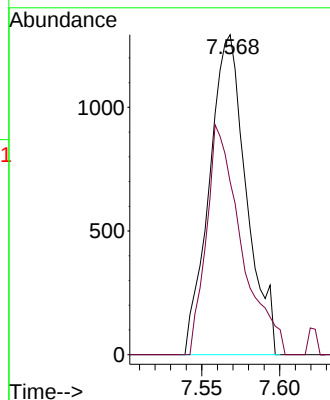
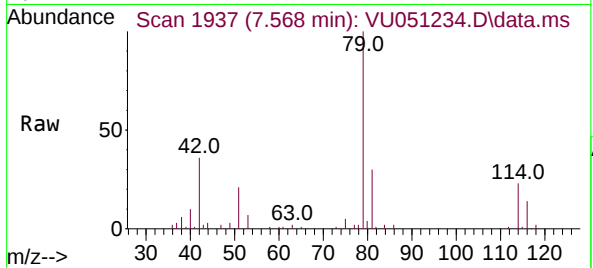
EXFX8

Tgt Ion: 75 Resp: 2135

Ion Ratio Lower Upper

75 100

77 54.0 22.0 41.0#



#49

Dibromochloromethane

Concen: 0.209 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU051234.D

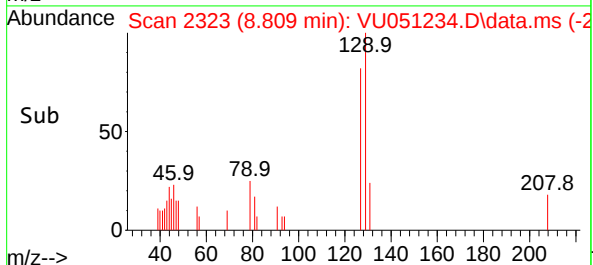
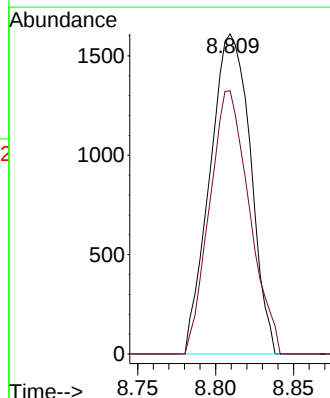
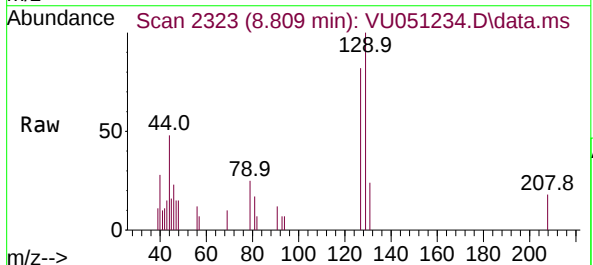
Acq: 07 Oct 2022 21:52

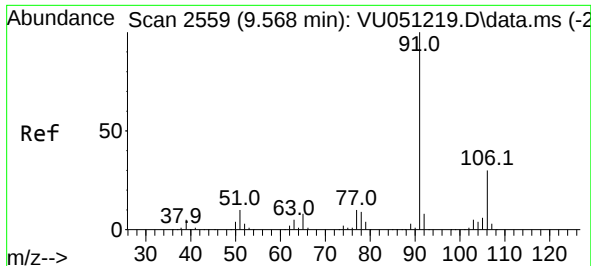
Tgt Ion: 129 Resp: 2918

Ion Ratio Lower Upper

129 100

127 82.2 53.5 99.3

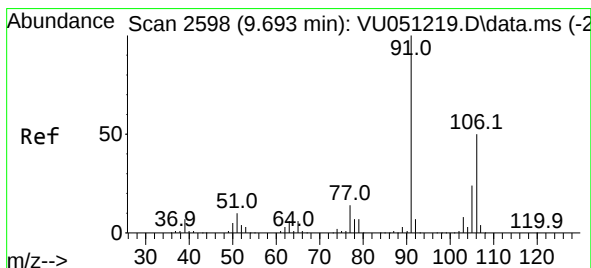
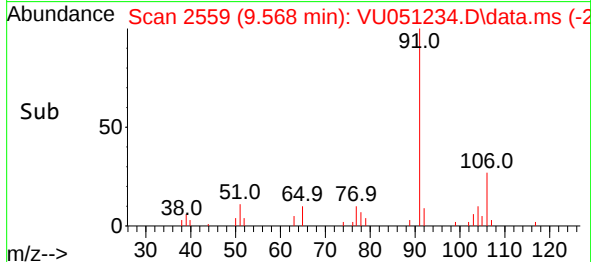
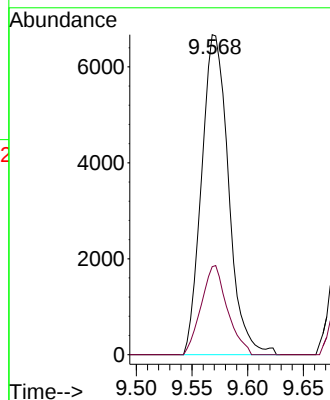
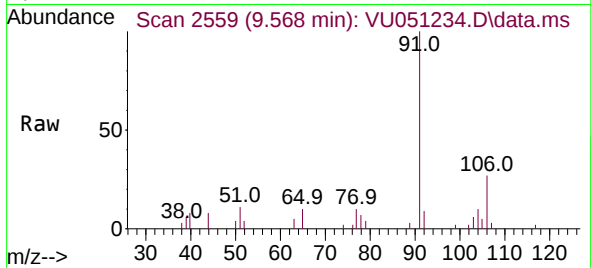




#52
Ethylbenzene
Concen: 0.183 ug/L
RT: 9.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051234.D
Acq: 07 Oct 2022 21:52

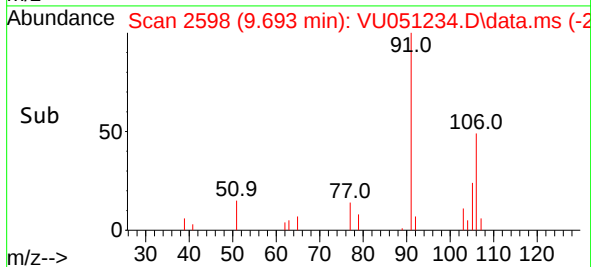
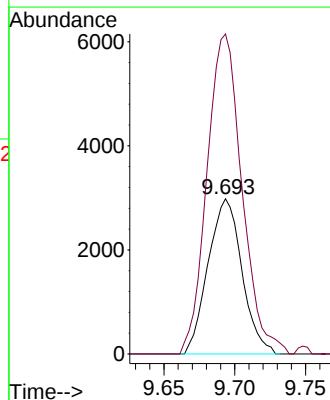
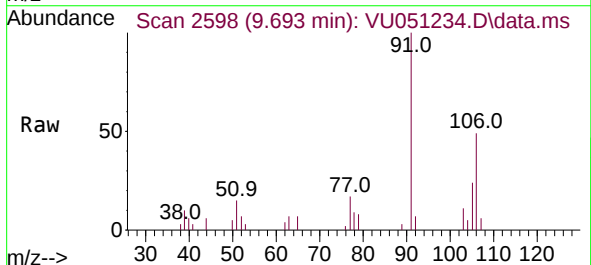
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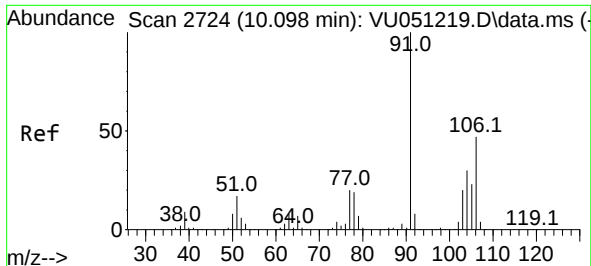
Tgt Ion: 91 Resp: 11229
Ion Ratio Lower Upper
91 100
106 27.5 20.9 38.7



#53
m,p-Xylene
Concen: 0.208 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051234.D
Acq: 07 Oct 2022 21:52

Tgt Ion: 106 Resp: 4959
Ion Ratio Lower Upper
106 100
91 206.1 143.9 267.3

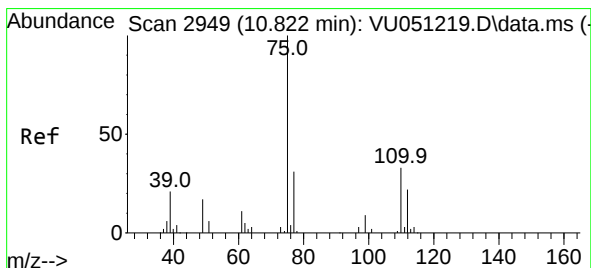
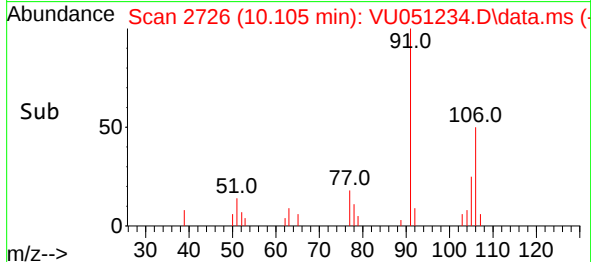
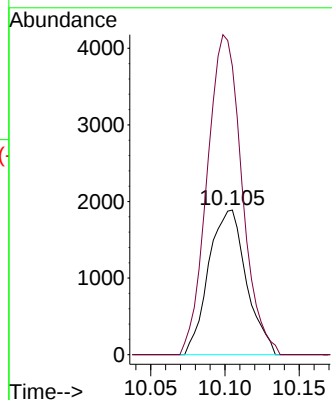
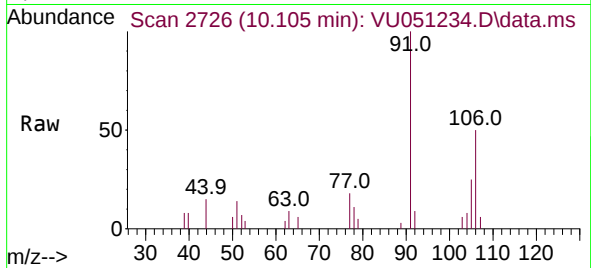




#54
o-Xylene
Concen: 0.148 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.006 min
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Acq: 07 Oct 2022 21:52

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Tgt Ion:106 Resp: 3339
Ion Ratio Lower Upper
106 100
91 199.5 154.4 286.8



#61
1,2,3-Trichloropropane
Concen: 0.994 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051234.D
Acq: 07 Oct 2022 21:52

Tgt Ion: 75 Resp: 8399
Ion Ratio Lower Upper
75 100
110 2.3 27.0 40.6#
77 31.5 26.4 39.6

