

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051223.D
 Acq On : 07 Oct 2022 17:19
 Operator : JC/MD
 Sample : N4873-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ57

Quant Time: Oct 08 04:27:06 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)

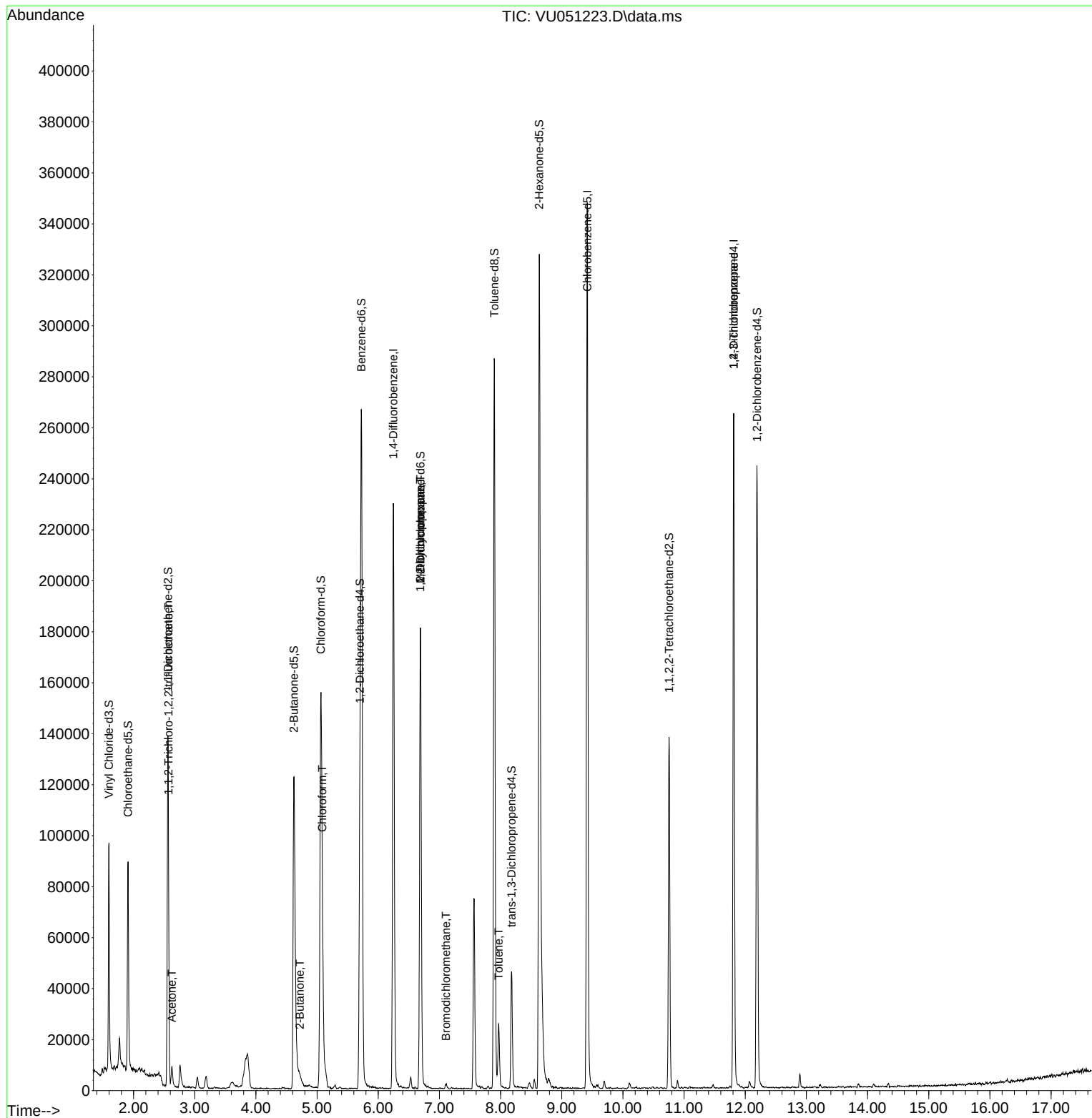
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	182076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69042	4.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.909	69	61811	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.562	65	26164	4.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.620	46	173304	53.595	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	5.060	84	136843	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.700	65	72636	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.726	84	250341	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.690	67	89856	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.899	98	195624	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.179	79	27546	4.595	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.632	63	96801	47.916	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	72185	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	63405	5.070	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	738	0.052	ug/L #	21
13) Acetone	2.626	43	8958	3.694	ug/L	94
21) 2-Butanone	4.719	43	4640	1.214	ug/L	94
25) Chloroform	5.086	83	39004	1.295	ug/L	99
35) Methylcyclohexane	6.690	83	20870	1.017	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	9341	0.523	ug/L #	88
38) Bromodichloromethane	7.108	83	1492	0.070	ug/L #	75
42) Toluene	7.970	91	17427	0.252	ug/L	100
61) 1,2,3-Trichloropropane	11.812	75	9024	0.993	ug/L #	70

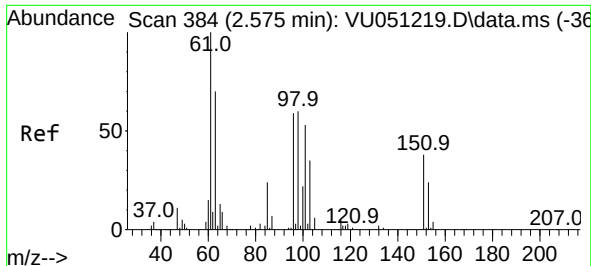
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.052 ug/L

RT: 2.572 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU051223.D

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Instrument :

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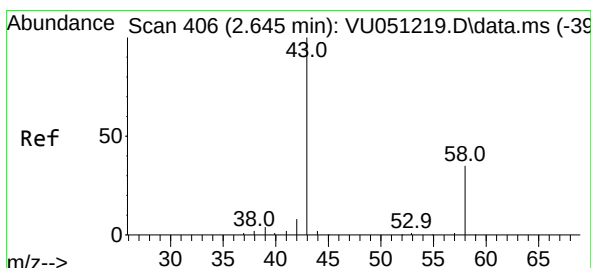
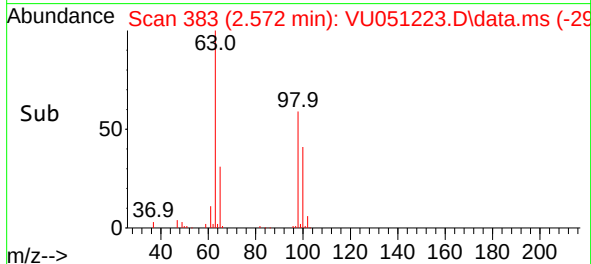
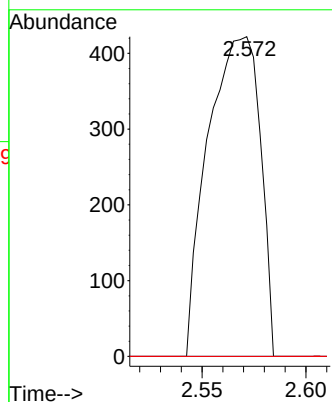
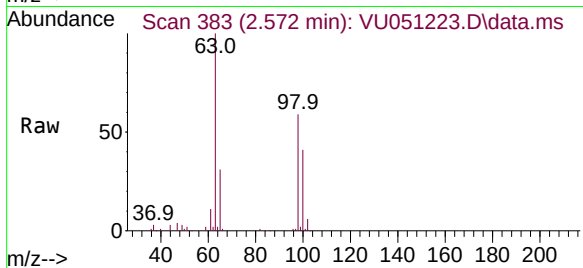
Tgt Ion:101 Resp: 738

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.5 84.7#



#13

Acetone

Concen: 3.694 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.019 min

Lab File: VU051223.D

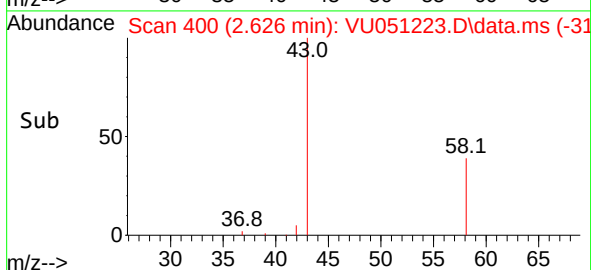
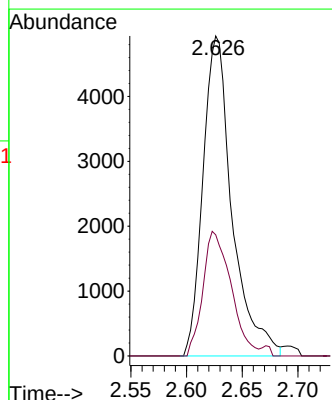
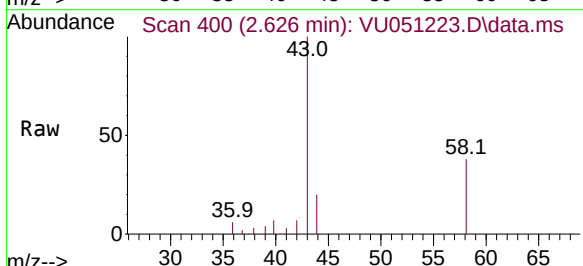
Acq: 07 Oct 2022 17:19

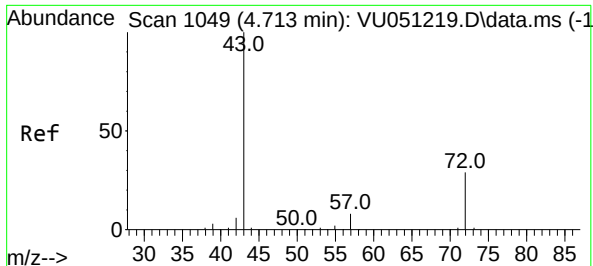
Tgt Ion: 43 Resp: 8958

Ion Ratio Lower Upper

43 100

58 37.7 0.0 68.8





#21

2-Butanone

Concen: 1.214 ug/L

RT: 4.719 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VU051223.D

Acq: 07 Oct 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

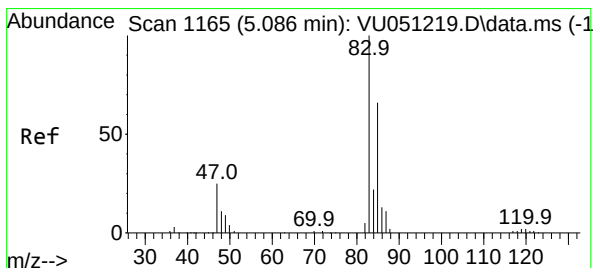
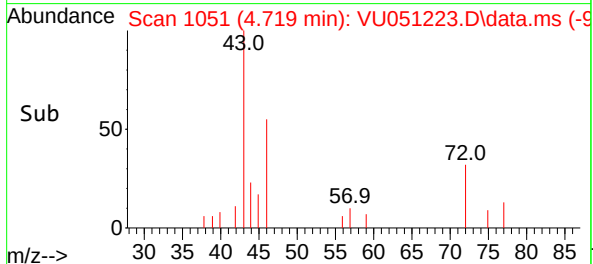
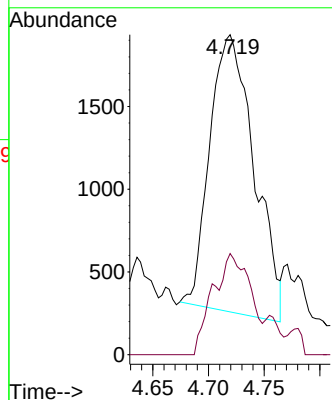
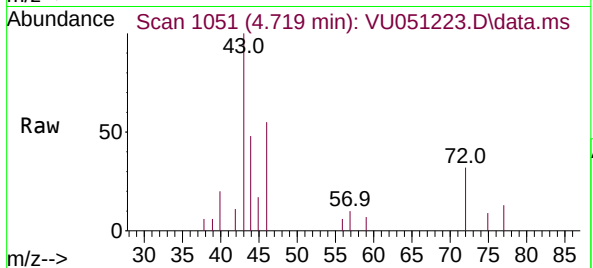
EXZ57

Tgt Ion: 43 Resp: 4640

Ion Ratio Lower Upper

43 100

72 30.9 13.8 41.4



#25

Chloroform

Concen: 1.295 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051223.D

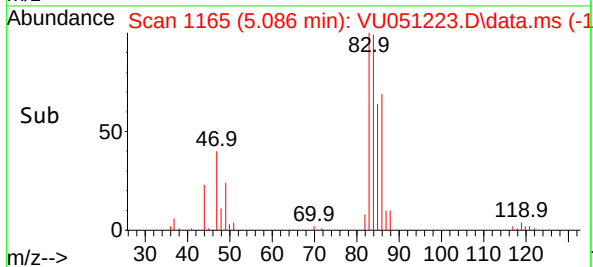
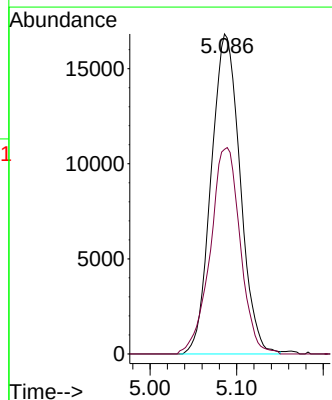
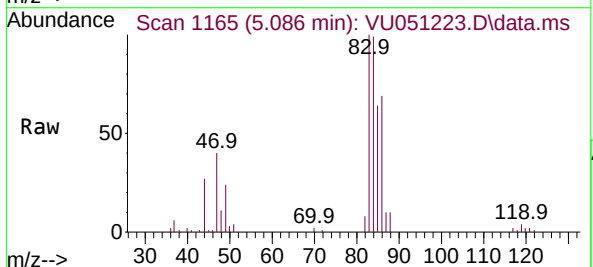
Acq: 07 Oct 2022 17:19

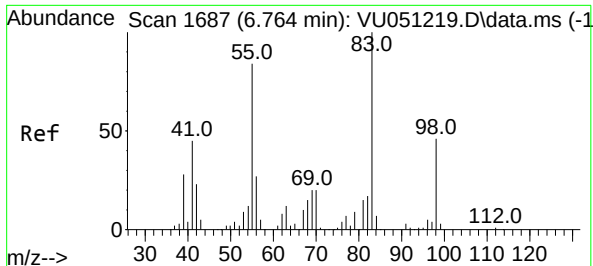
Tgt Ion: 83 Resp: 39004

Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.6





#35

Methylcyclohexane

Concen: 1.017 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051223.D

Acq: 07 Oct 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

EXZ57

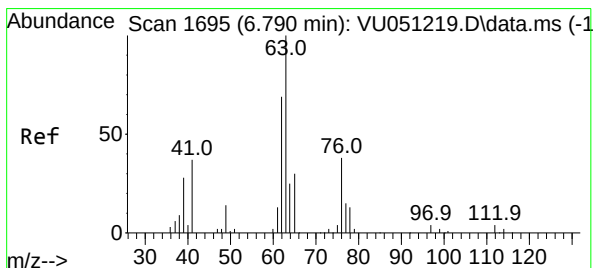
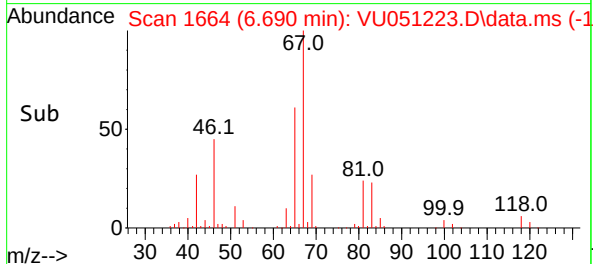
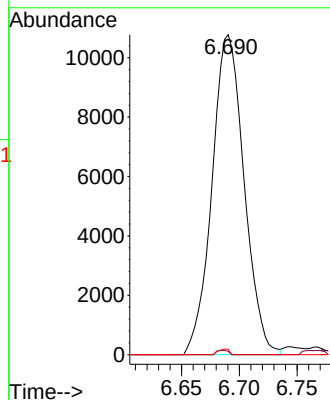
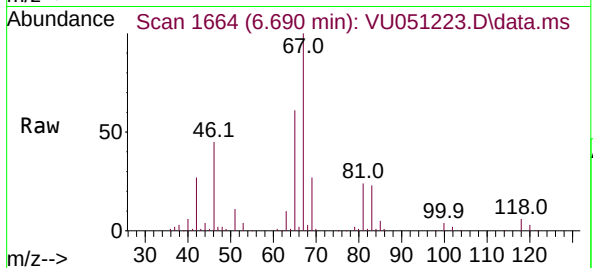
Tgt Ion: 83 Resp: 20870

Ion Ratio Lower Upper

83 100

55 0.5 65.8 98.6#

98 0.6 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051223.D

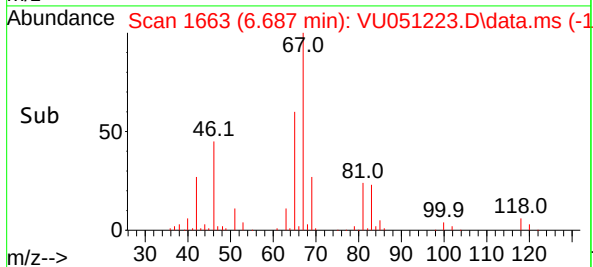
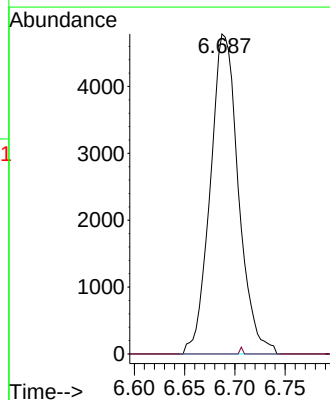
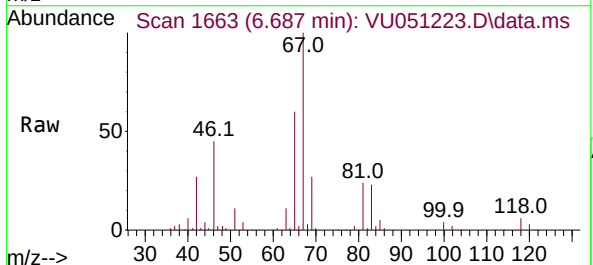
Acq: 07 Oct 2022 17:19

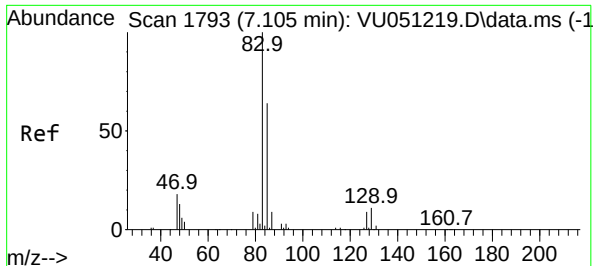
Tgt Ion: 63 Resp: 9341

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#





#38

Bromodichloromethane

Concen: 0.070 ug/L

RT: 7.108 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051223.D

Acq: 07 Oct 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

EXZ57

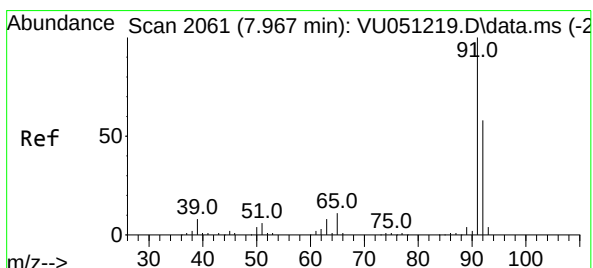
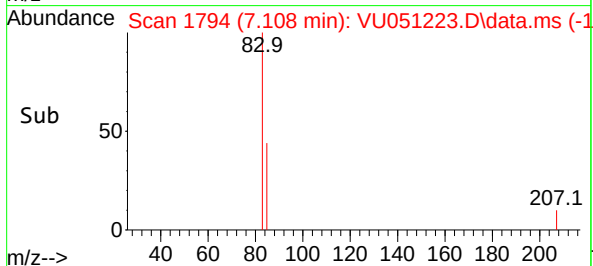
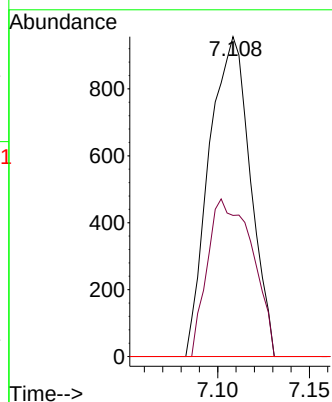
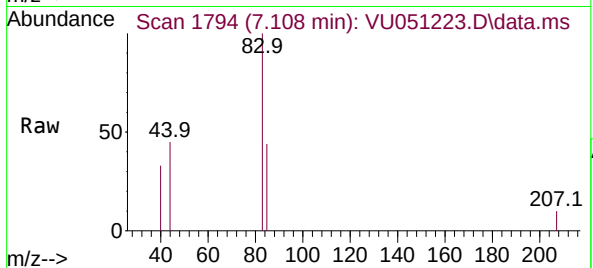
Tgt Ion: 83 Resp: 1492

Ion Ratio Lower Upper

83 100

85 44.1 44.8 83.2#

127 0.0 7.0 10.6#



#42

Toluene

Concen: 0.252 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051223.D

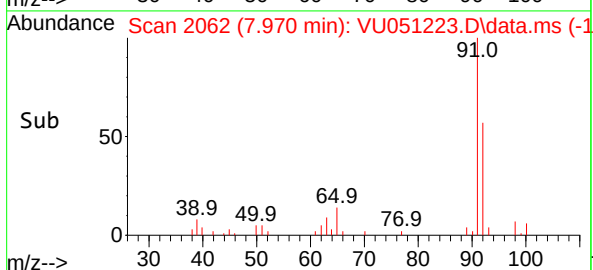
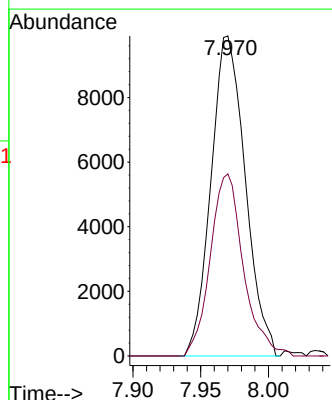
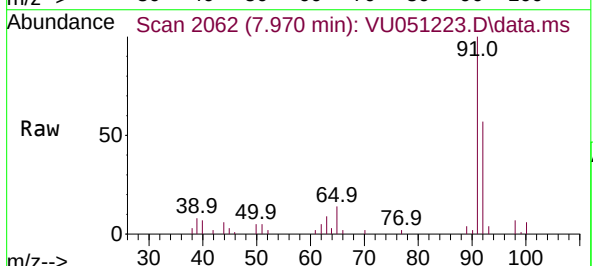
Acq: 07 Oct 2022 17:19

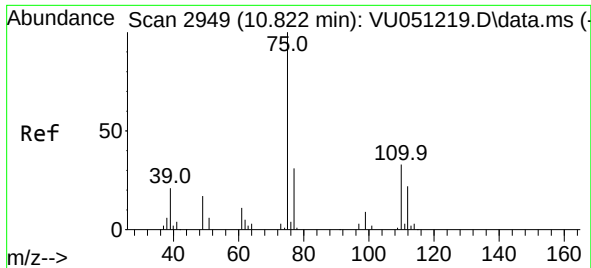
Tgt Ion: 91 Resp: 17427

Ion Ratio Lower Upper

91 100

92 56.9 39.9 74.1





#61
 1,2,3-Trichloropropane
 Concen: 0.993 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051223.D
 Acq: 07 Oct 2022 17:19

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 9024
 Ion Ratio Lower Upper
 75 100
 110 1.8 27.0 40.6#
 77 34.8 26.4 39.6

