

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052370.D
 Acq On : 13 Dec 2022 12:28
 Operator : JC/MD
 Sample : N6030-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL30

Quant Time: Dec 14 03:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

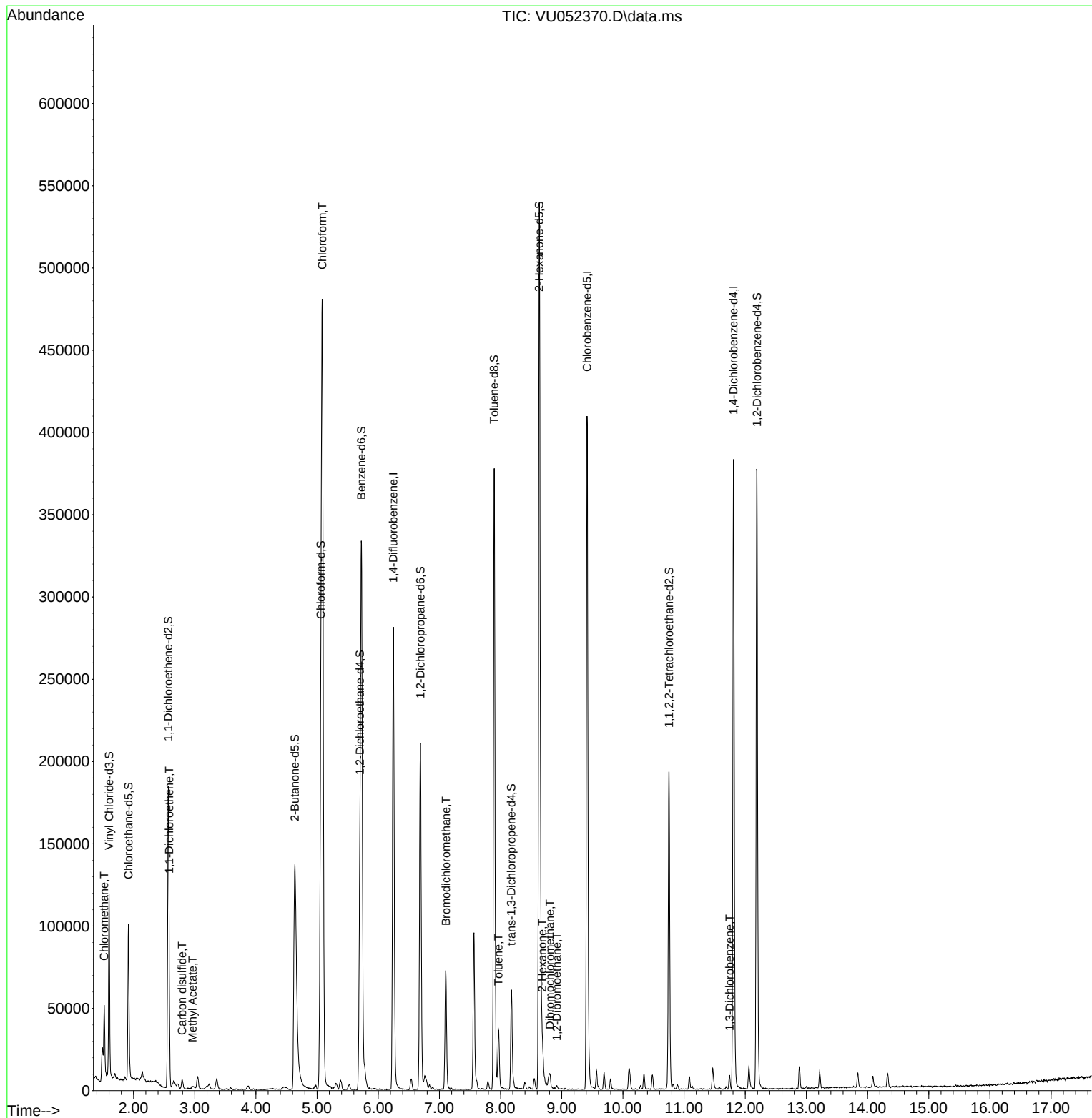
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	239781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79558	3.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.916	69	72810	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.568	65	33718	4.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.636	46	256379	61.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.440%
24) Chloroform-d	5.060	84	177329	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.700	65	84650	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	325905	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.690	67	109398	4.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	266544	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.176	79	35808	4.460	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.632	63	189256	55.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100661	5.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	103725	5.080	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	25839	0.969	ug/L	93
12) 1,1-Dichloroethene	2.581	96	2613	0.153	ug/L #	1
14) Carbon disulfide	2.793	76	7522	0.127	ug/L	99
15) Methyl Acetate	2.964	43	1126	0.154	ug/L #	56
25) Chloroform	5.086	83	401286	11.994	ug/L	96
38) Bromodichloromethane	7.105	83	48562	1.971	ug/L	99
42) Toluene	7.967	91	27129	0.338	ug/L	95
48) 2-Hexanone	8.684	43	9452	1.222	ug/L #	82
49) Dibromochloromethane	8.809	129	3593	0.211	ug/L	93
50) 1,2-Dibromoethane	8.918	107	1373	0.099	ug/L #	86
64) 1,3-Dichlorobenzene	11.745	146	3922	0.115	ug/L	92

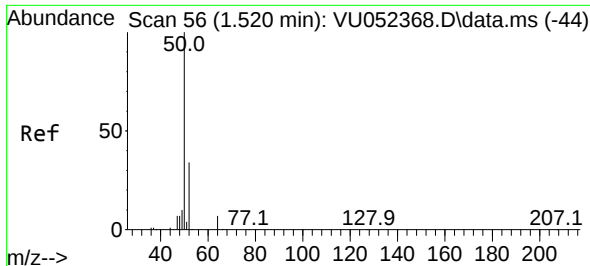
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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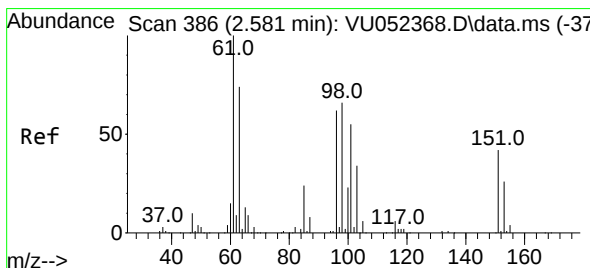
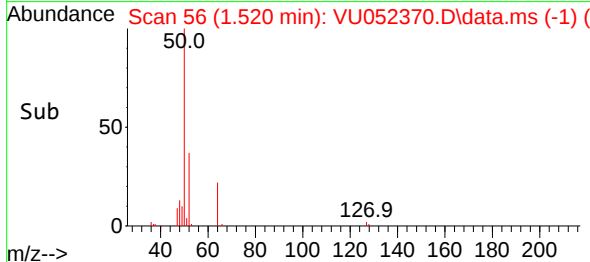
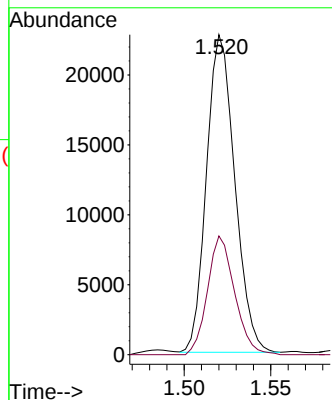
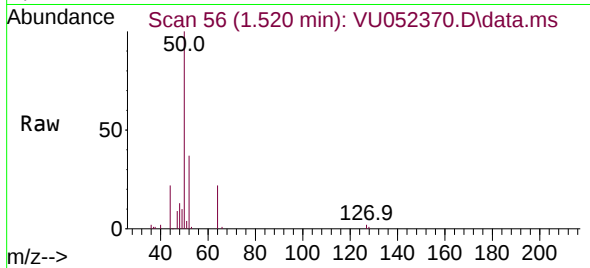




#3
Chloromethane
Concen: 0.969 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052370.D
Acq: 13 Dec 2022 12:28

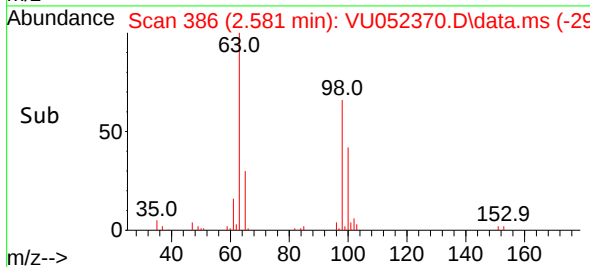
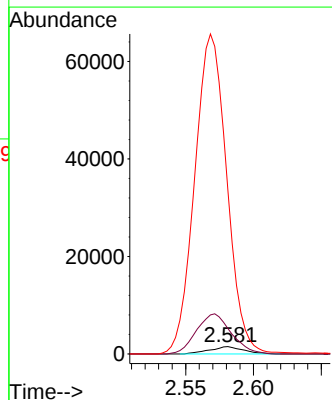
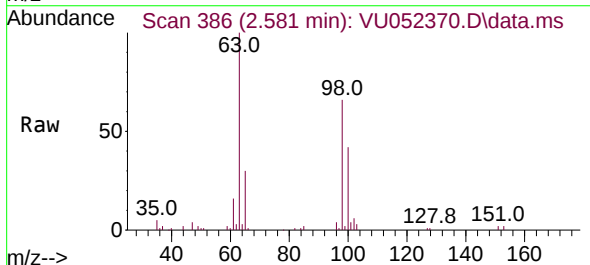
Instrument :
MSVOA_U
ClientSampleId :
COL30

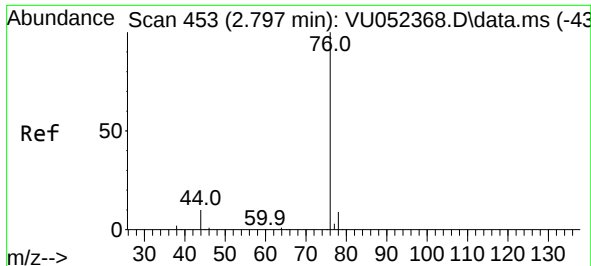
Tgt Ion: 50 Resp: 25839
Ion Ratio Lower Upper
50 100
52 37.1 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.153 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052370.D
Acq: 13 Dec 2022 12:28

Tgt Ion: 96 Resp: 2613
Ion Ratio Lower Upper
96 100
61 345.8 114.8 213.2#
63 2224.2 93.7 174.1#





#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.793 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU052370.D

Acq: 13 Dec 2022 12:28

Instrument :

MSVOA_U

ClientSampleId :

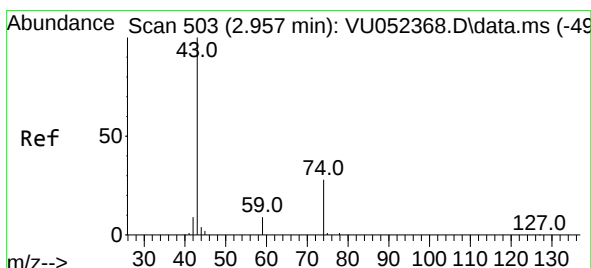
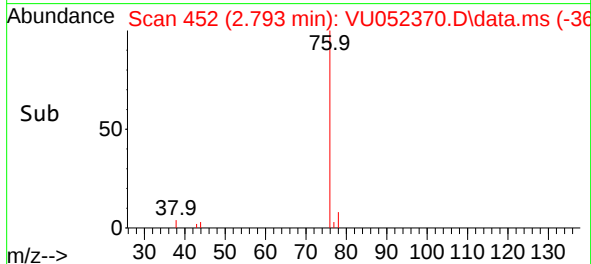
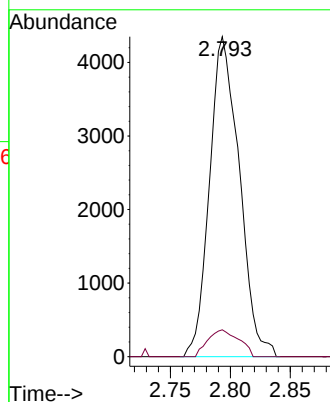
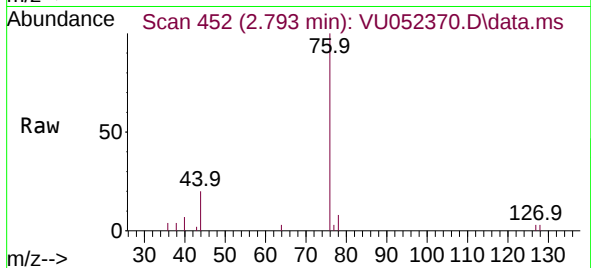
COL30

Tgt Ion: 76 Resp: 7522

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.4



#15

Methyl Acetate

Concen: 0.154 ug/L

RT: 2.964 min Scan# 505

Delta R.T. 0.006 min

Lab File: VU052370.D

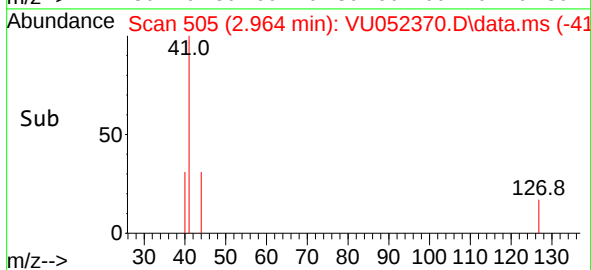
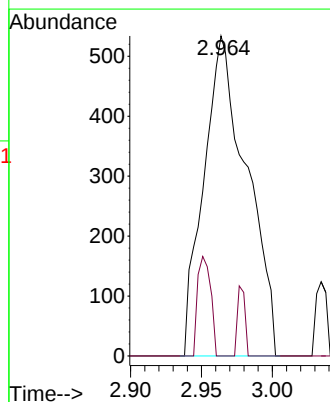
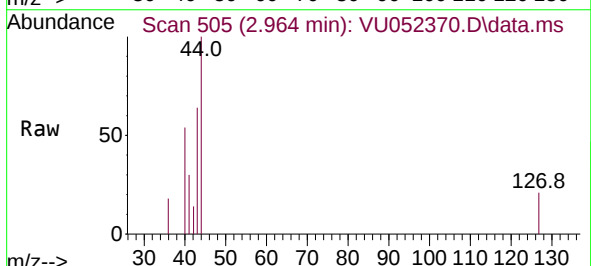
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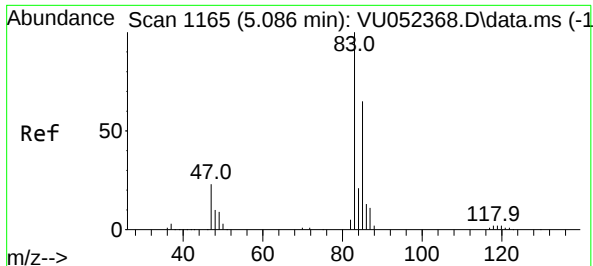
Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

74 3.8 21.3 31.9#





#25

Chloroform

Concen: 11.994 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052370.D

Acq: 13 Dec 2022 12:28

Instrument :

MSVOA_U

ClientSampleId :

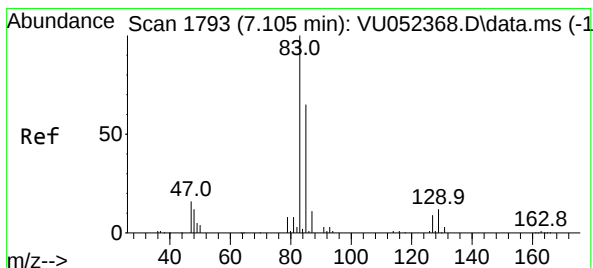
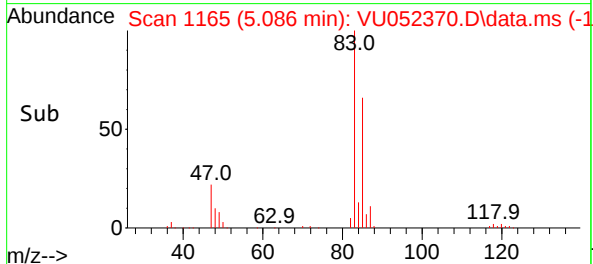
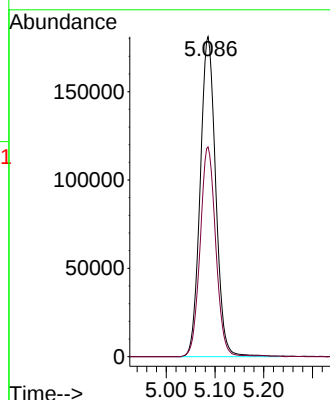
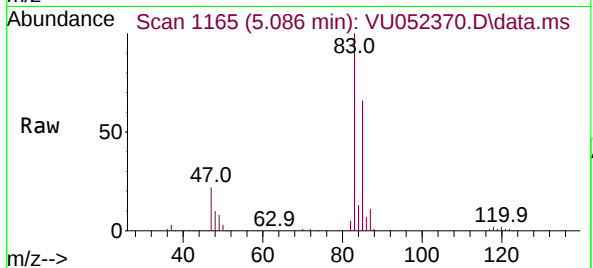
COL30

Tgt Ion: 83 Resp: 401286

Ion Ratio Lower Upper

83 100

85 65.6 43.8 81.4



#38

Bromodichloromethane

Concen: 1.971 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU052370.D

Acq: 13 Dec 2022 12:28

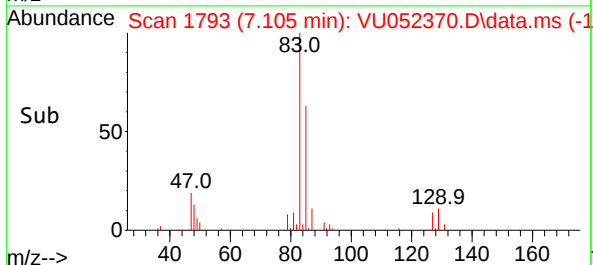
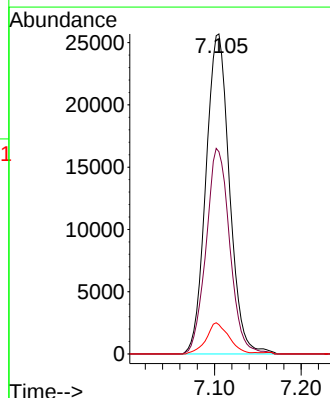
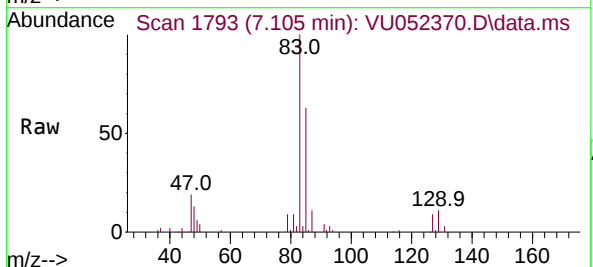
Tgt Ion: 83 Resp: 48562

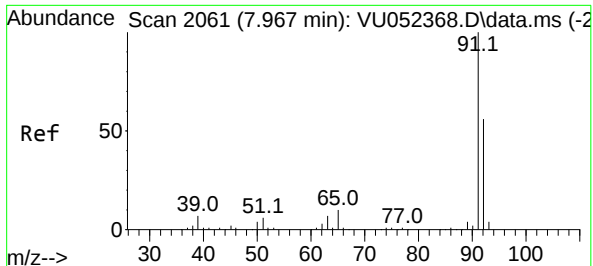
Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.9

127 9.1 6.8 10.2

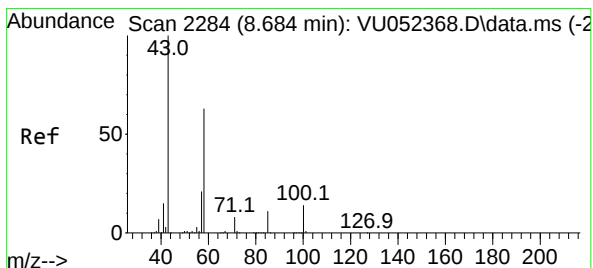
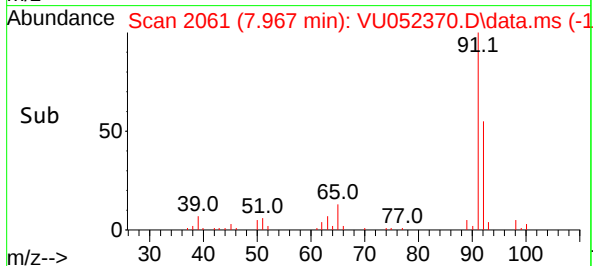
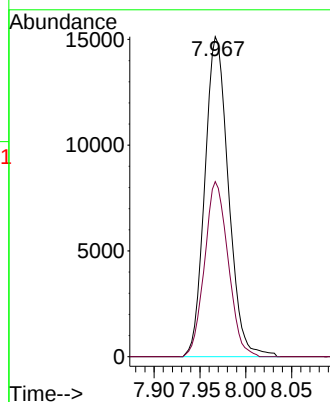
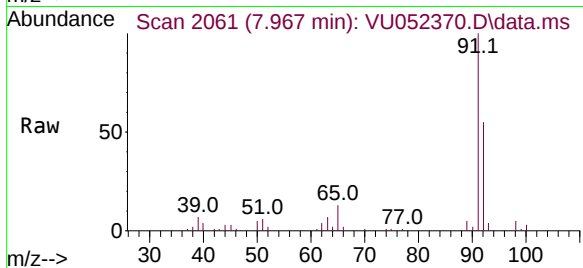




#42
Toluene
Concen: 0.338 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052370.D
Acq: 13 Dec 2022 12:28

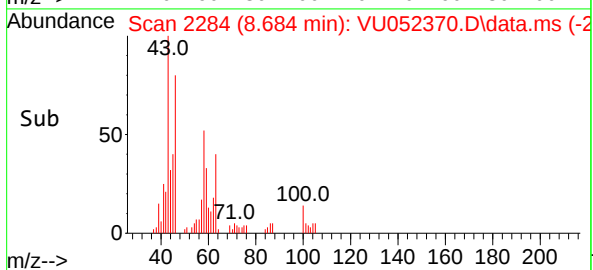
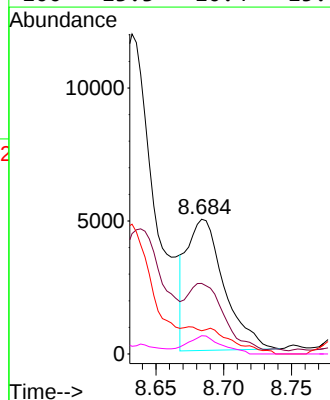
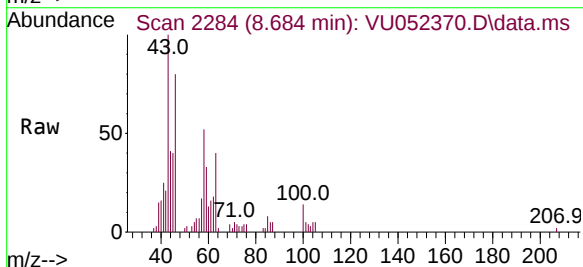
Instrument :
MSVOA_U
ClientSampleId :
COL30

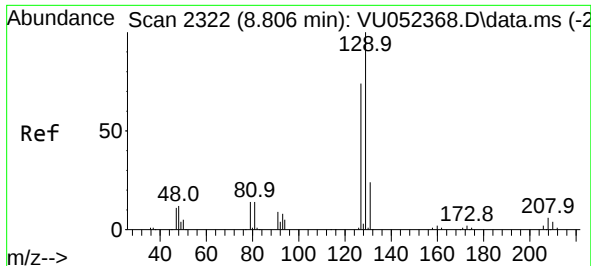
Tgt Ion: 91 Resp: 27129
Ion Ratio Lower Upper
91 100
92 54.7 40.7 75.5



#48
2-Hexanone
Concen: 1.222 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU052370.D
Acq: 13 Dec 2022 12:28

Tgt Ion: 43 Resp: 9452
Ion Ratio Lower Upper
43 100
58 51.2 49.4 74.0
57 0.0 16.3 24.5#
100 13.3 10.4 15.6





#49

Dibromochloromethane

Concen: 0.211 ug/L

RT: 8.809 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052370.D

Acq: 13 Dec 2022 12:28

Instrument :

MSVOA_U

ClientSampleId :

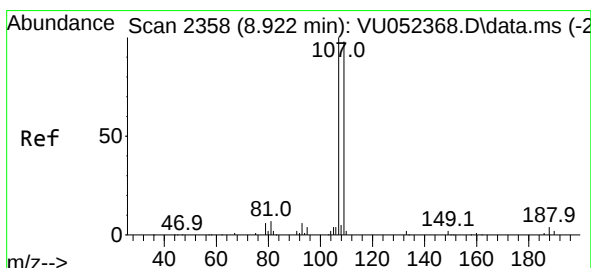
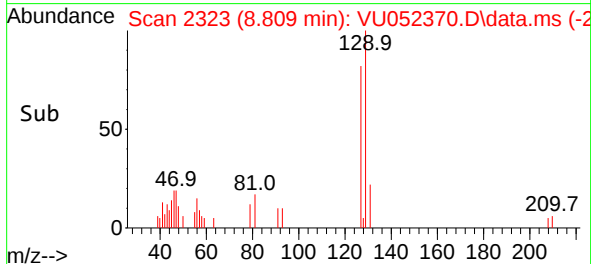
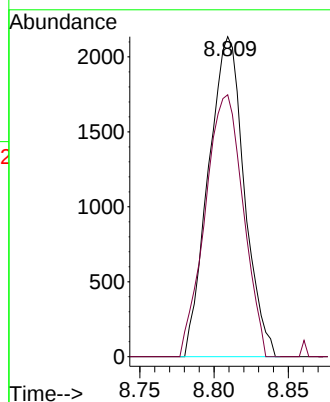
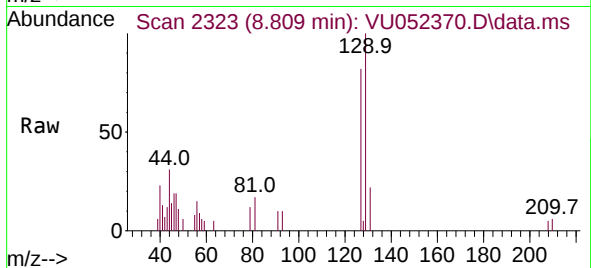
COL30

Tgt Ion:129 Resp: 3593

Ion Ratio Lower Upper

129 100

127 81.9 52.8 98.2



#50

1,2-Dibromoethane

Concen: 0.099 ug/L

RT: 8.918 min Scan# 2357

Delta R.T. -0.003 min

Lab File: VU052370.D

Acq: 13 Dec 2022 12:28

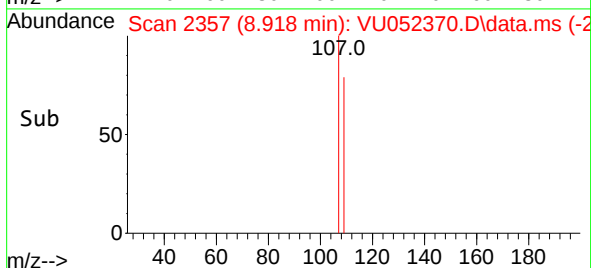
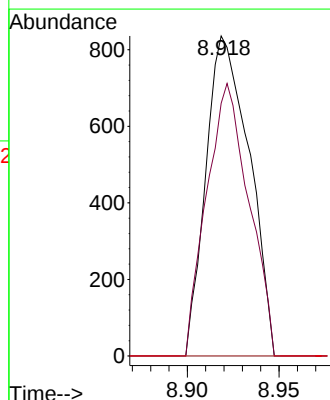
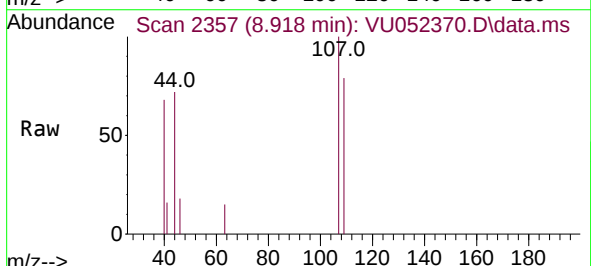
Tgt Ion:107 Resp: 1373

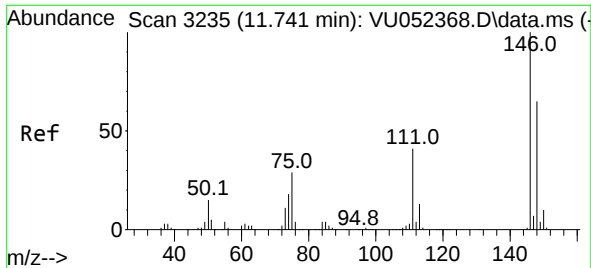
Ion Ratio Lower Upper

107 100

109 78.9 64.9 120.5

188 0.0 2.6 4.0#





#64

1,3-Dichlorobenzene

Concen: 0.115 ug/L

RT: 11.745 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052370.D

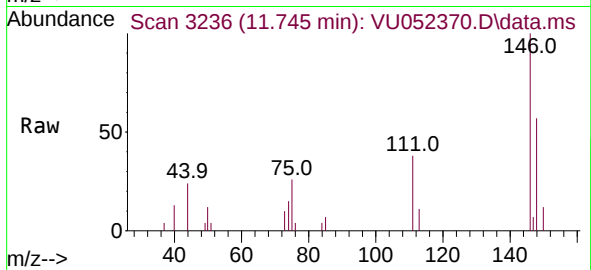
Acq: 13 Dec 2022 12:28

Instrument :

MSVOA_U

ClientSampleId :

COL30



Tgt Ion:146 Resp: 3922

Ion Ratio Lower Upper

146 100

111 38.4 28.6 53.2

148 56.7 45.4 84.2

