

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062428.D
 Acq On : 18 Dec 2024 17:54
 Operator : MD/SY
 Sample : P5302-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:15:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

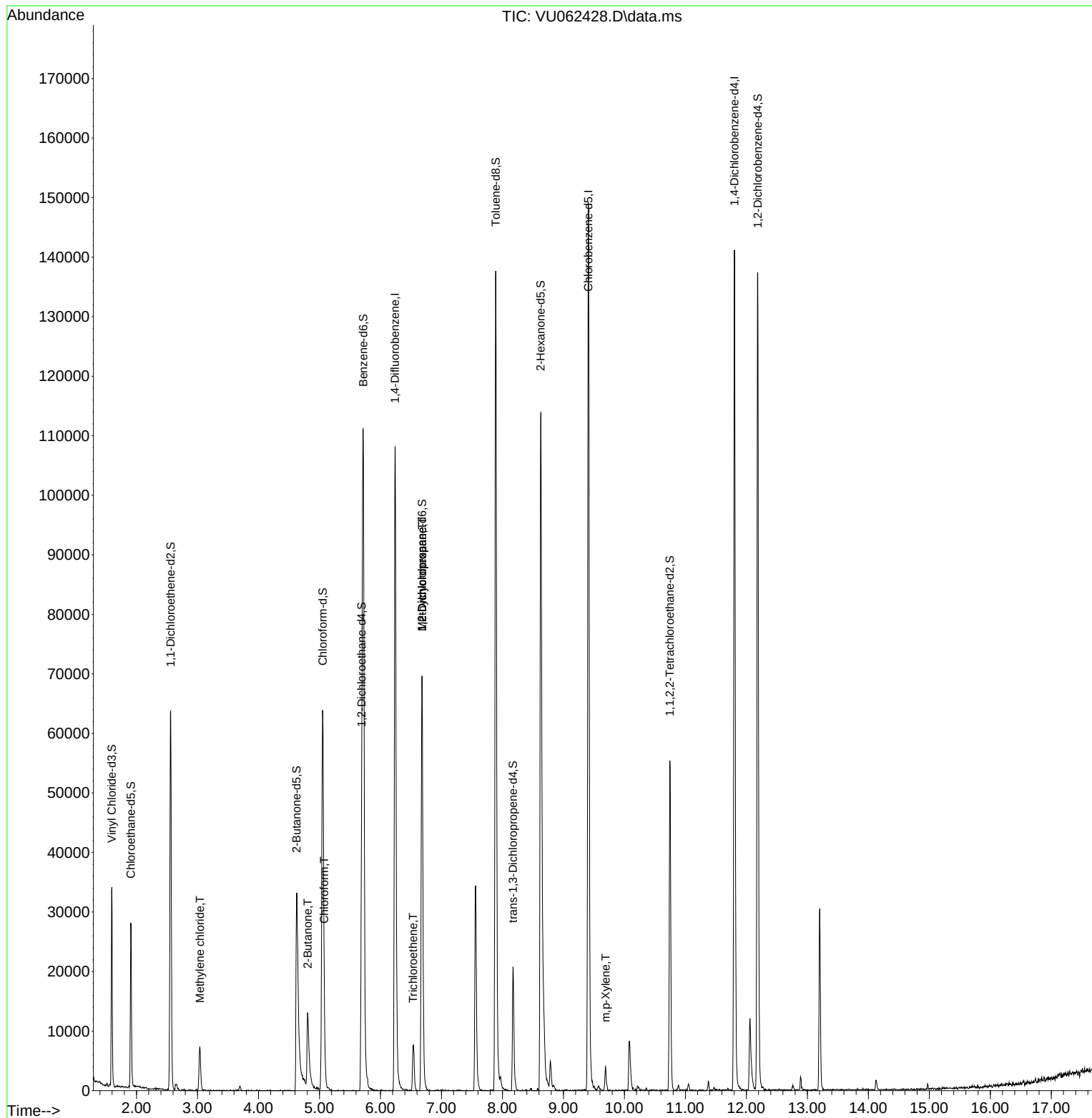
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23422	3.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.907	69	19644	4.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	11604	3.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.624	46	51053	42.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.300%
24) Chloroform-d	5.052	84	62988	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.692	65	33089	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.717	84	109976	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	30647	4.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.891	98	99963	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	13417	4.209	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	40526	42.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25799	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	39558	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	4027	0.614	ug/L	92
21) 2-Butanone	4.808	43	19508	16.482	ug/L #	45
25) Chloroform	5.078	83	3425	0.258	ug/L	86
34) Trichloroethene	6.534	95	3191	0.414	ug/L	89
35) Methylcyclohexane	6.682	83	8697	0.760	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	4189	0.632	ug/L #	87
53) m,p-Xylene	9.692	106	1477	0.121	ug/L	71

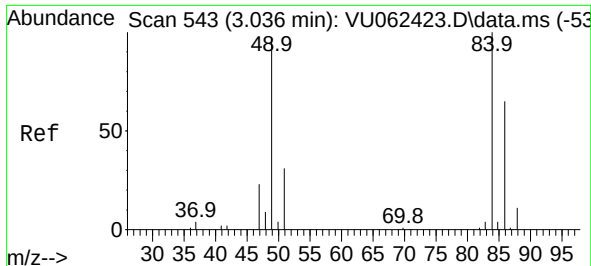
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 19 00:12:34 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.614 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

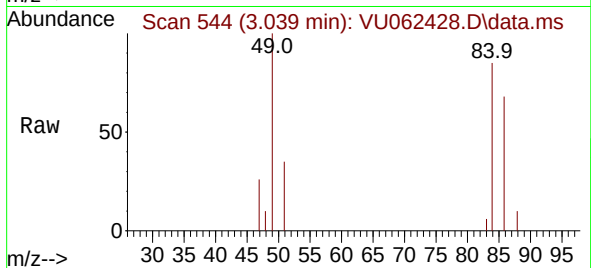
Lab File: VU062428.D

Acq: 18 Dec 2024 17:54

Instrument :

MSVOA_U

ClientSampleId :



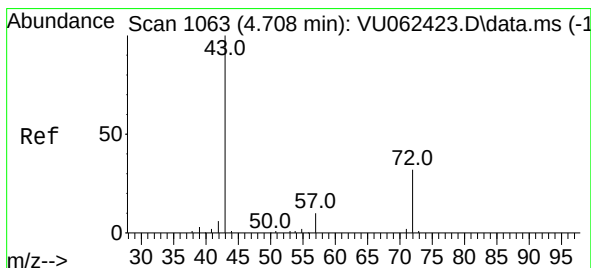
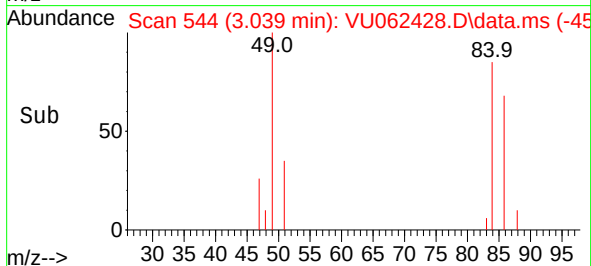
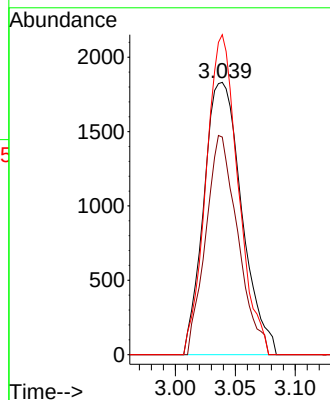
Tgt Ion: 84 Resp: 4027

Ion Ratio Lower Upper

84 100

86 79.9 43.5 80.7

49 117.5 81.9 152.1



#21

2-Butanone

Concen: 16.482 ug/L

RT: 4.808 min Scan# 1094

Delta R.T. 0.100 min

Lab File: VU062428.D

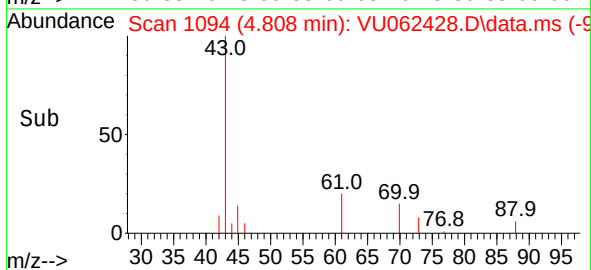
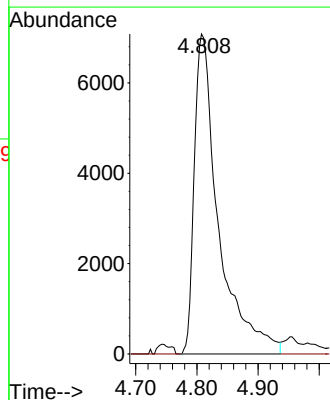
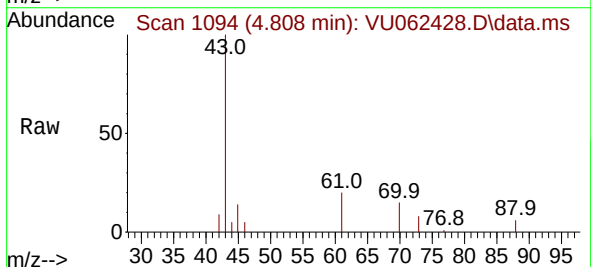
Acq: 18 Dec 2024 17:54

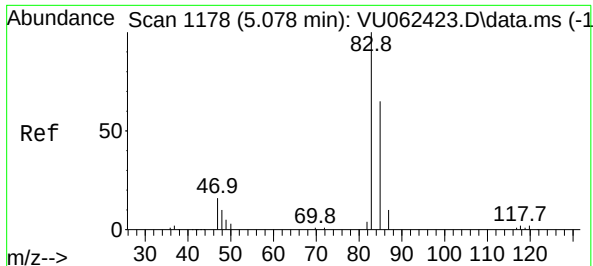
Tgt Ion: 43 Resp: 19508

Ion Ratio Lower Upper

43 100

72 0.0 14.8 44.4#





#25

Chloroform

Concen: 0.258 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062428.D

Acq: 18 Dec 2024 17:54

Instrument :

MSVOA_U

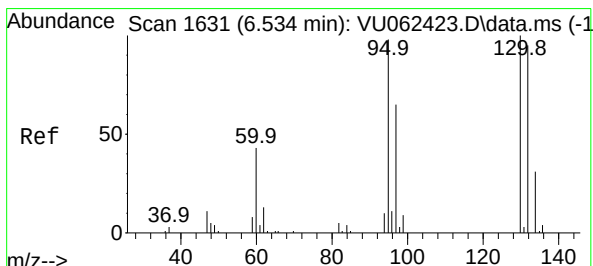
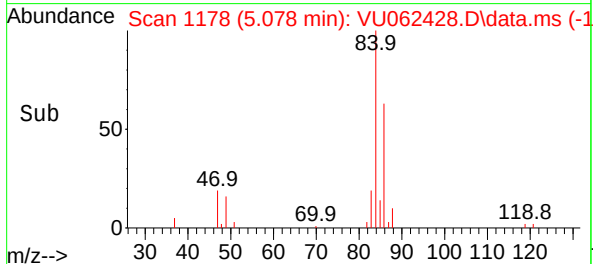
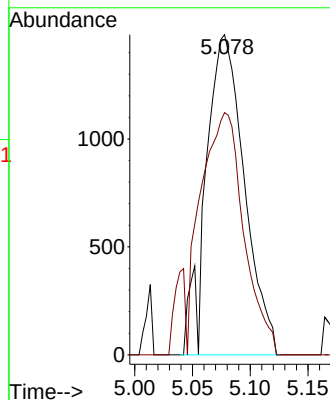
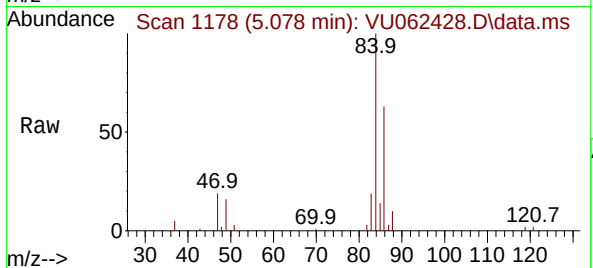
ClientSampleId :

Tgt Ion: 83 Resp: 3425

Ion Ratio Lower Upper

83 100

85 75.7 45.4 84.2



#34

Trichloroethene

Concen: 0.414 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU062428.D

Acq: 18 Dec 2024 17:54

Tgt Ion: 95 Resp: 3191

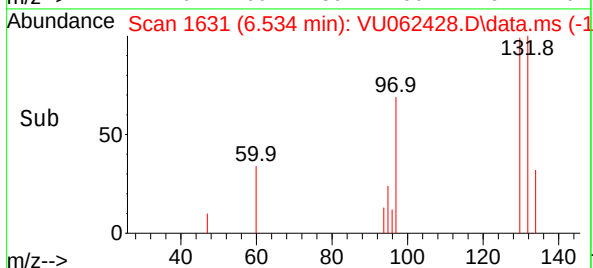
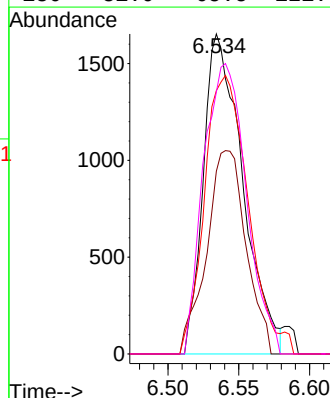
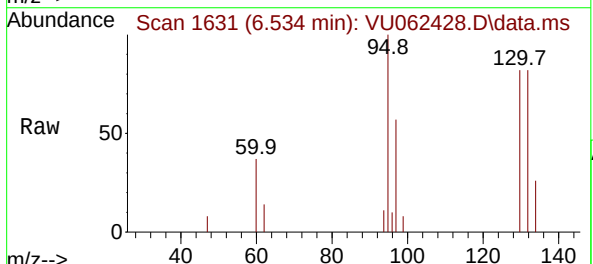
Ion Ratio Lower Upper

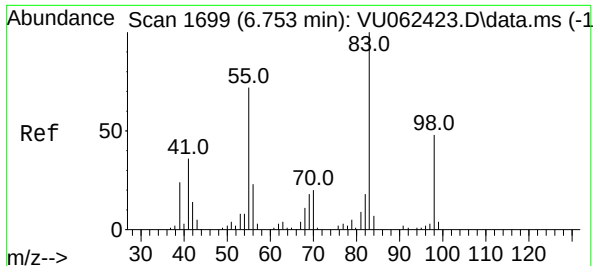
95 100

97 57.1 45.9 85.3

132 82.3 63.8 118.4

130 81.9 65.5 121.7





#35

Methylcyclohexane

Concen: 0.760 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062428.D

Acq: 18 Dec 2024 17:54

Instrument :

MSVOA_U

ClientSampleId :

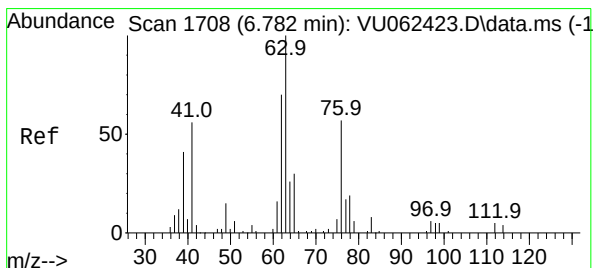
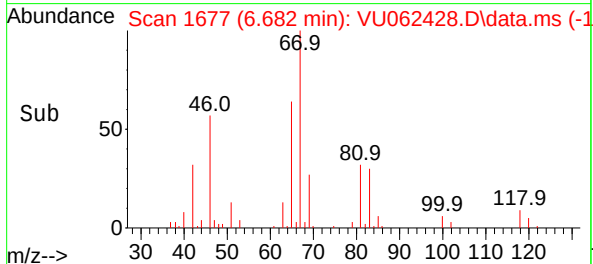
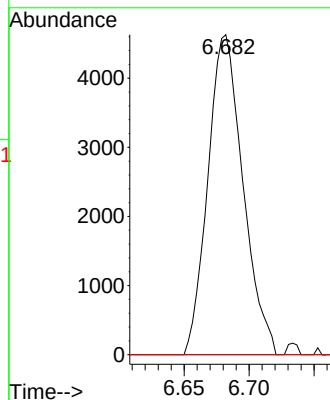
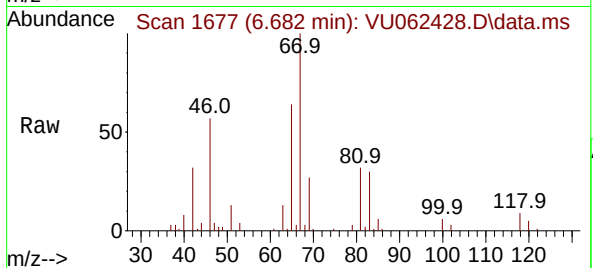
Tgt Ion: 83 Resp: 8697

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 2.4 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062428.D

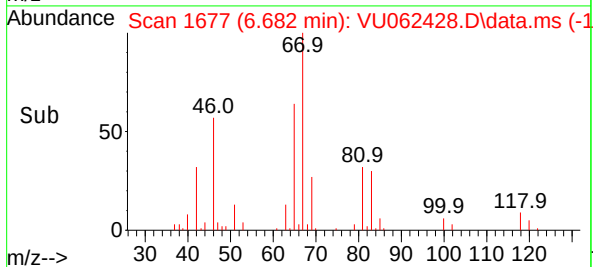
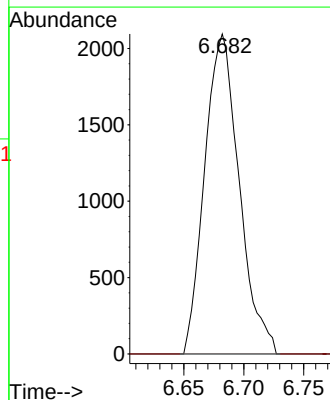
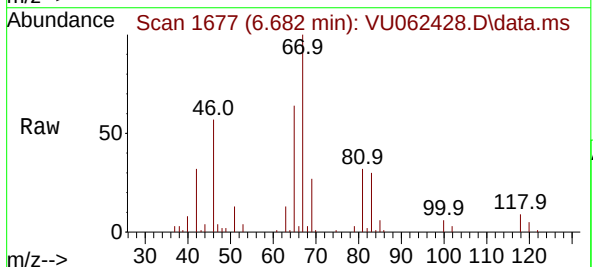
Acq: 18 Dec 2024 17:54

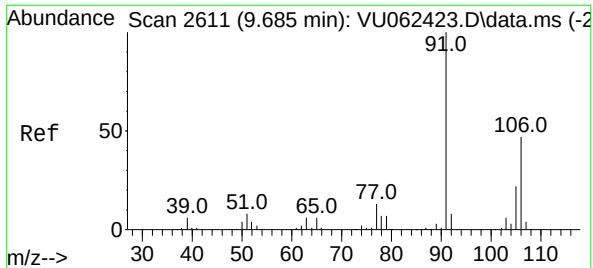
Tgt Ion: 63 Resp: 4189

Ion Ratio Lower Upper

63 100

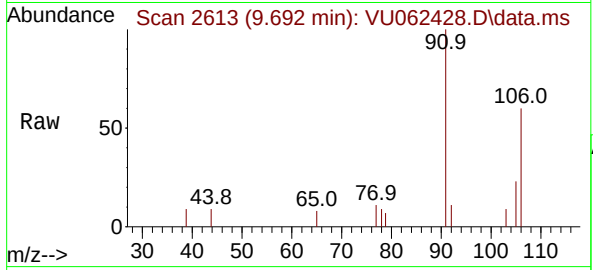
112 0.0 3.4 5.0#





#53
 m,p-Xylene
 Concen: 0.121 ug/L
 RT: 9.692 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VU062428.D
 Acq: 18 Dec 2024 17:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:106 Resp: 1477
 Ion Ratio Lower Upper
 106 100
 91 166.0 147.6 274.0

