

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049246.D
 Acq On : 17 Jun 2022 15:04
 Operator : SY/MD
 Sample : N3285-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4P5

Quant Time: Jun 18 04:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	118355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50955	4.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.912	69	34702	4.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.565	65	20196	4.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.639	46	140038	46.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.380%
24) Chloroform-d	5.063	84	80345	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.703	65	45437	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.729	84	158123	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.693	67	55425	4.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.899	98	145862	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	21238	3.950	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.635	63	109105	50.309	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45179	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	55596	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
13) Acetone	2.649	43	470829	317.164	ug/L	99
14) Carbon disulfide	2.793	76	152824	6.400	ug/L	99
16) Methylene chloride	3.044	84	287451	30.225	ug/L	96
19) 1,1-Dichloroethane	3.870	63	276466	17.506	ug/L	96
21) 2-Butanone	4.716	43	243088	85.877	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	943	0.105	ug/L	90
33) Benzene	5.777	78	28190	0.800	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	229140	31.872	ug/L	99
42) Toluene	7.970	91	205961	5.515	ug/L	100
48) 2-Hexanone	8.687	43	28377	5.530	ug/L	97
52) Ethylbenzene	9.571	91	31787	0.779	ug/L	96
53) m,p-Xylene	9.693	106	38040	2.510	ug/L	96
54) o-Xylene	10.098	106	13569	0.903	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	7925	0.215	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	30279	0.829	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	1795	0.100	ug/L	91

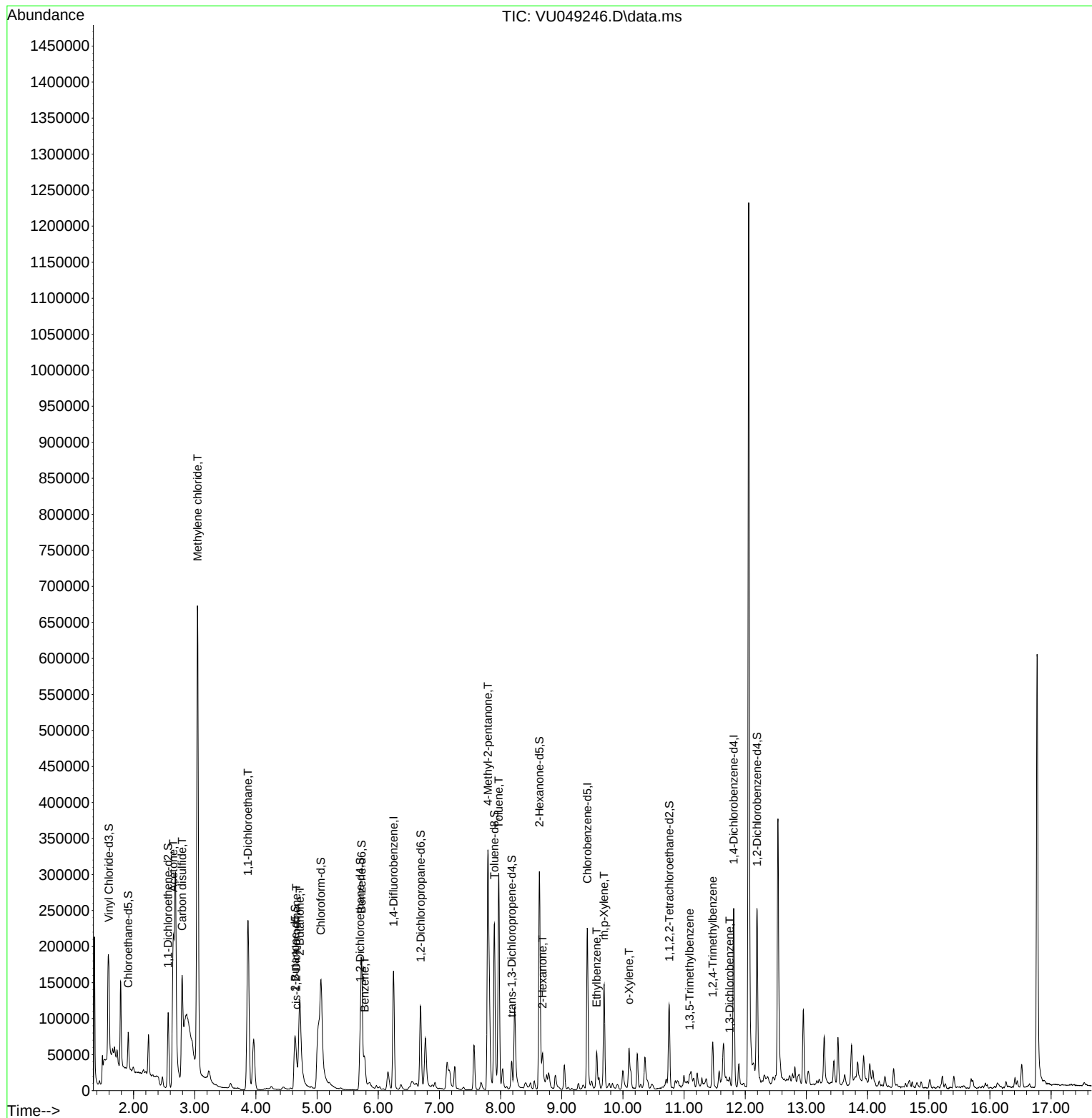
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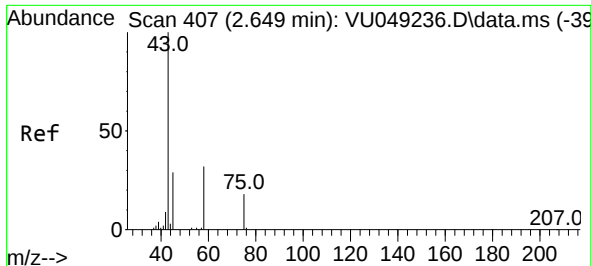
Instrument :
MSVOA_U
ClientSampleId :
EW4P5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 04:11:00 2022
Response via : Initial Calibration





#13

Acetone

Concen: 317.164 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

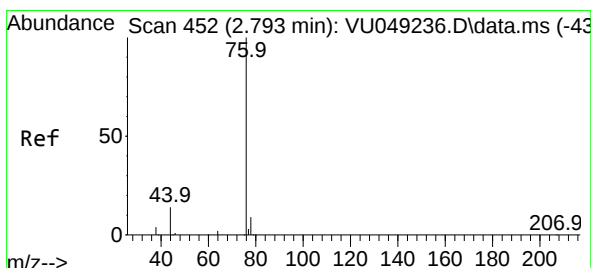
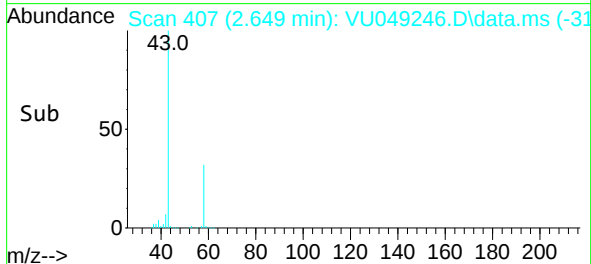
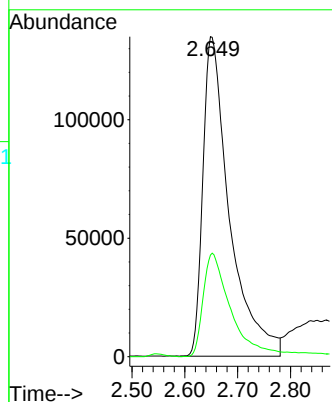
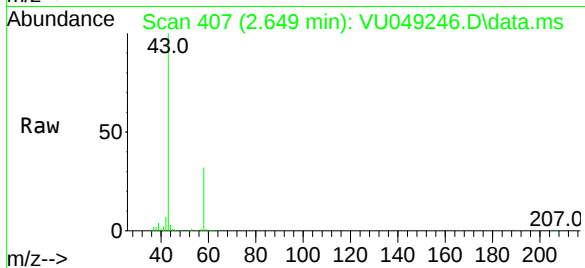
EW4P5

Tgt Ion: 43 Resp: 470829

Ion Ratio Lower Upper

43 100

58 33.5 0.0 65.8



#14

Carbon disulfide

Concen: 6.400 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049246.D

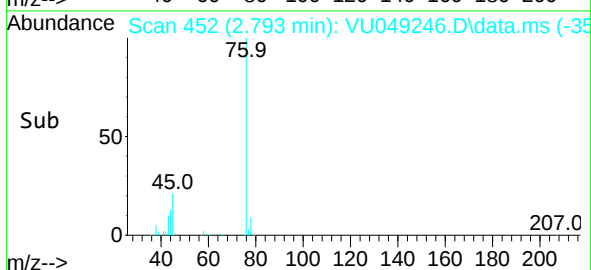
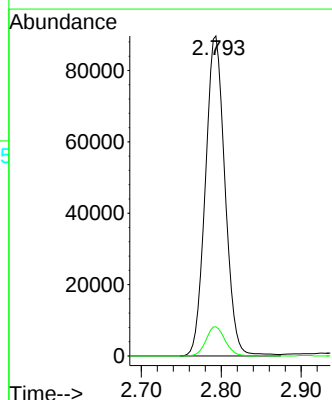
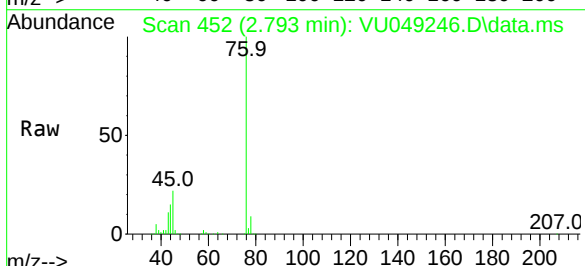
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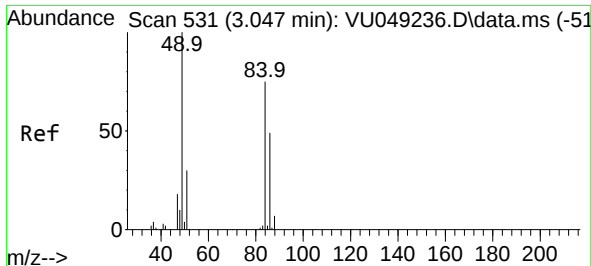
Tgt Ion: 76 Resp: 152824

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

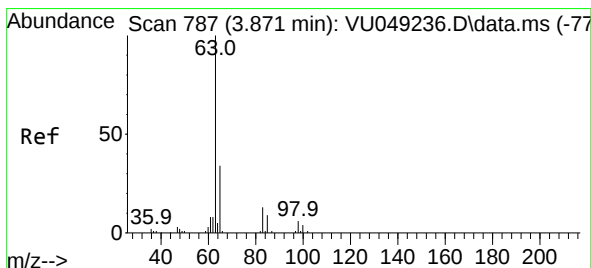
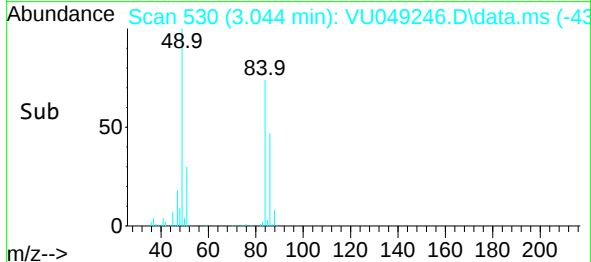
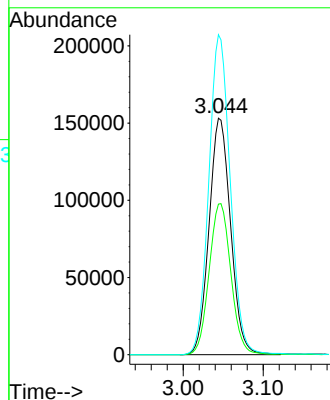
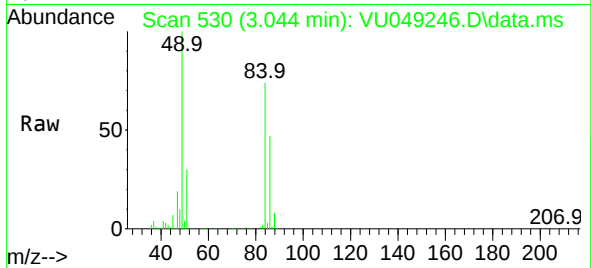




#16
Methylene chloride
Concen: 30.225 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

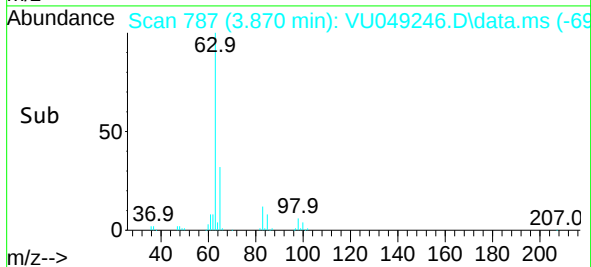
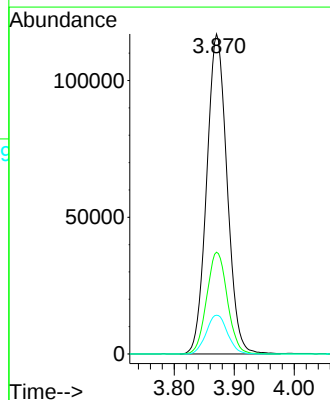
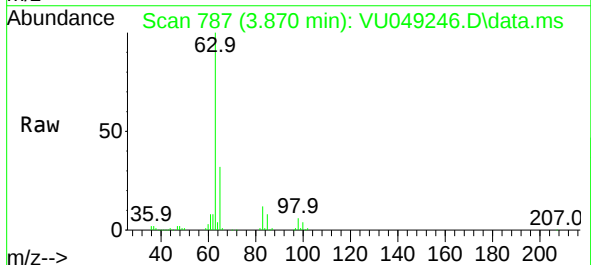
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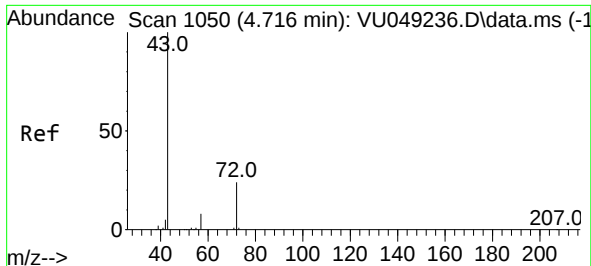
Tgt Ion: 84 Resp: 287451
Ion Ratio Lower Upper
84 100
86 63.7 43.6 81.0
49 135.3 90.2 167.6



#19
1,1-Dichloroethane
Concen: 17.506 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 63 Resp: 276466
Ion Ratio Lower Upper
63 100
65 31.8 24.0 44.6
83 12.1 9.1 16.9

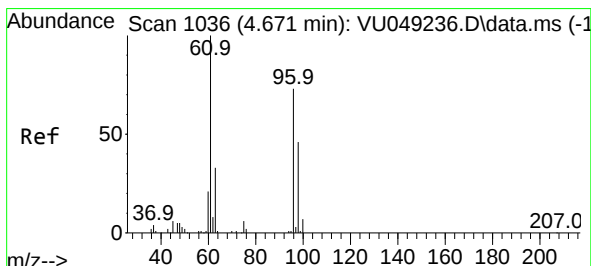
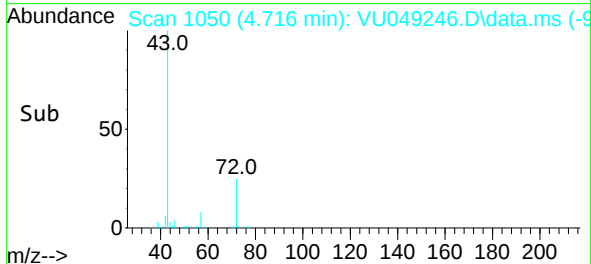
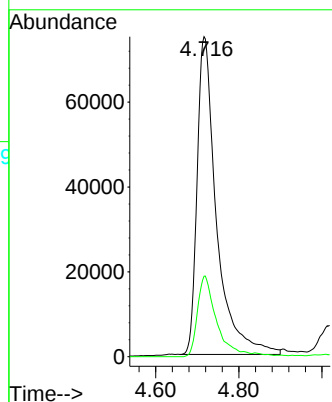
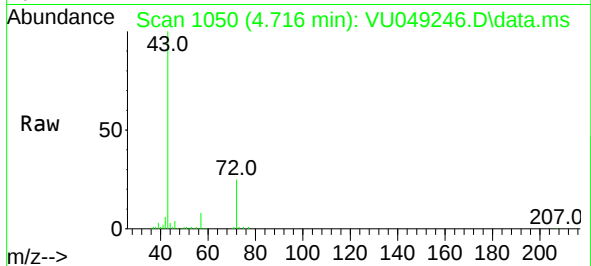




#21
2-Butanone
Concen: 85.877 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

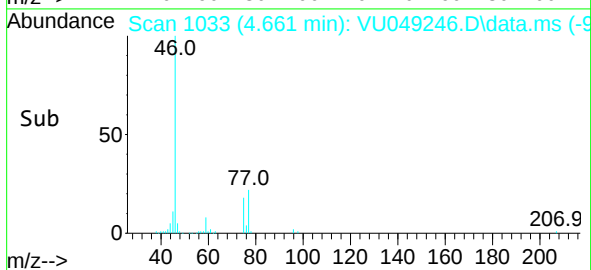
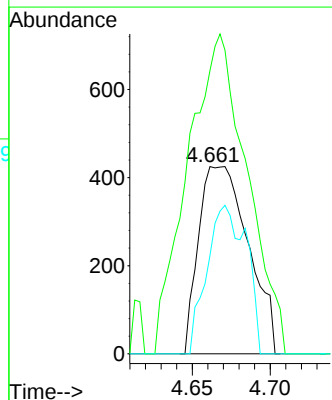
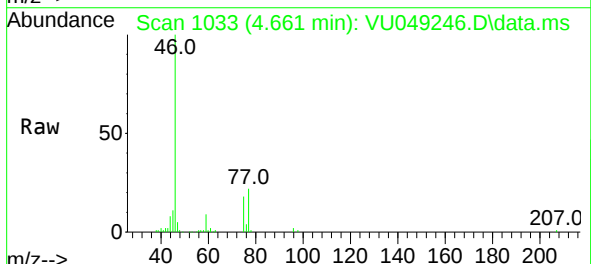
Instrument :
MSVOA_U
ClientSampleId :
EW4P5

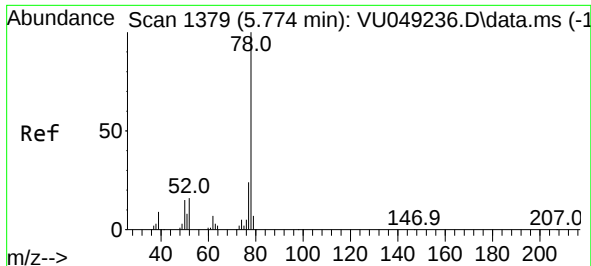
Tgt Ion: 43 Resp: 243088
Ion Ratio Lower Upper
43 100
72 24.1 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.010 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 96 Resp: 943
Ion Ratio Lower Upper
96 100
61 151.3 99.5 184.9
98 52.5 44.8 83.2

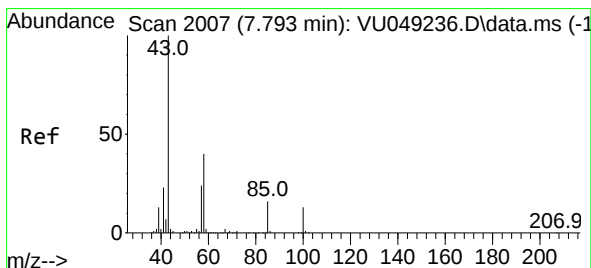
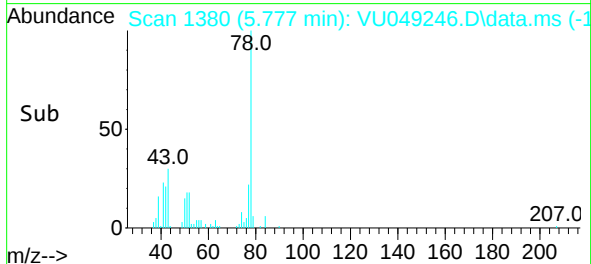
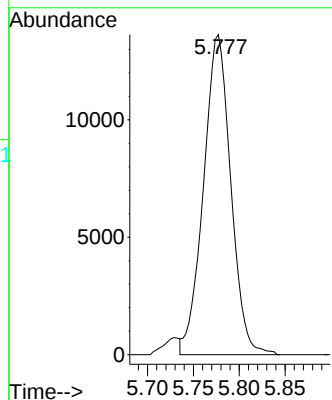
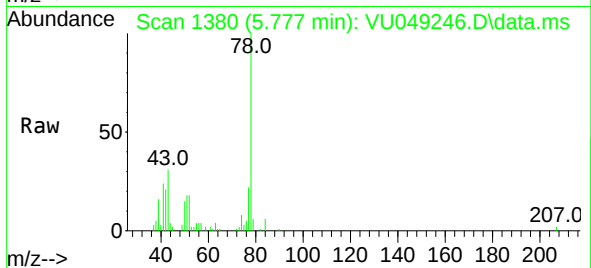




#33
Benzene
Concen: 0.800 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

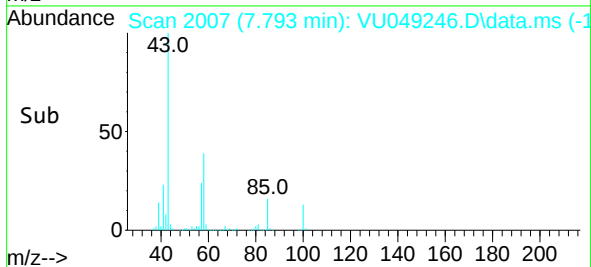
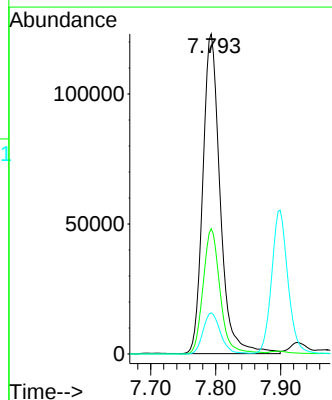
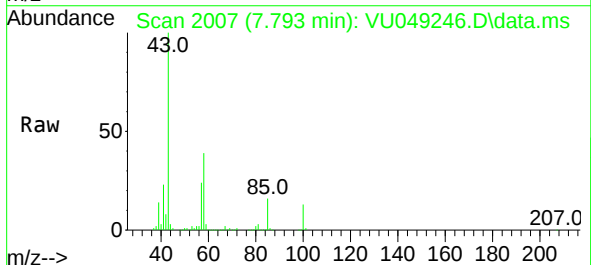
Instrument :
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ClientSampleId :
EW4P5

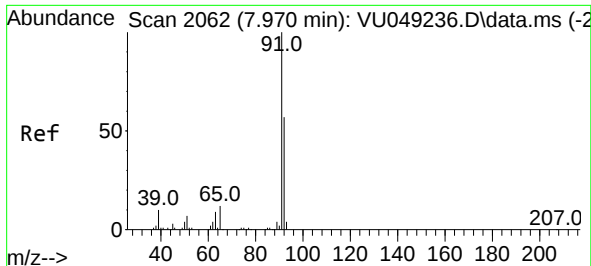
Tgt Ion: 78 Resp: 28190



#40
4-Methyl-2-pentanone
Concen: 31.872 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 43 Resp: 229140
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2
100 12.9 10.5 15.7





#42

Toluene

Concen: 5.515 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

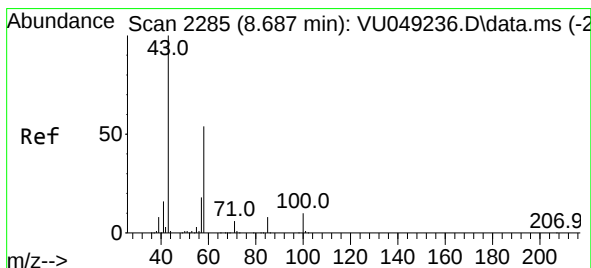
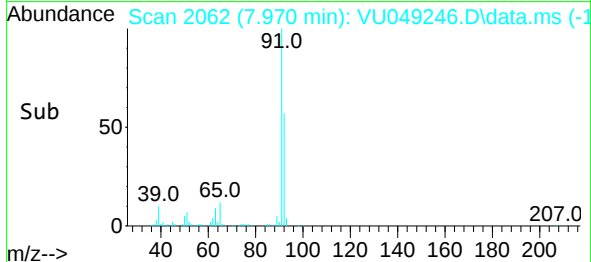
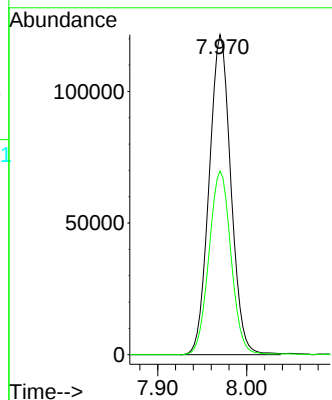
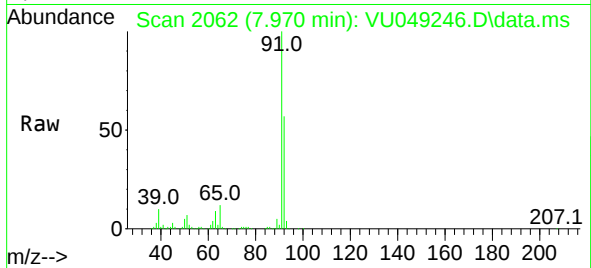
EW4P5

Tgt Ion: 91 Resp: 205961

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.2



#48

2-Hexanone

Concen: 5.530 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Tgt Ion: 43 Resp: 28377

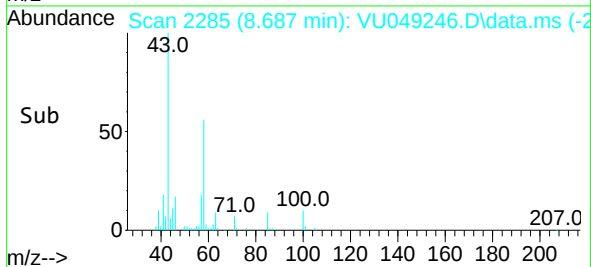
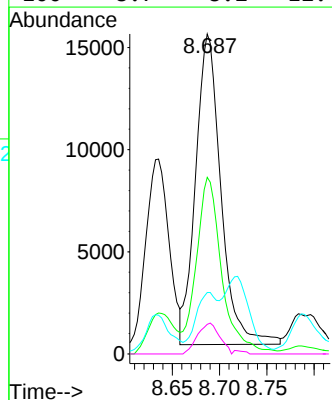
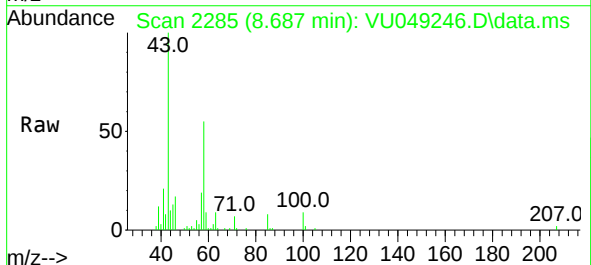
Ion Ratio Lower Upper

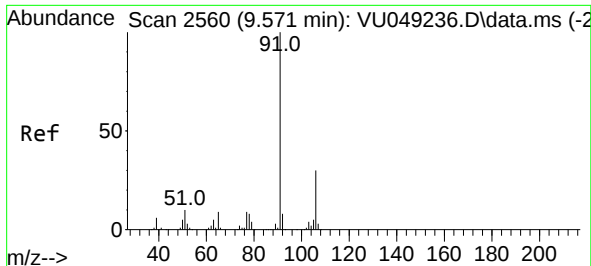
43 100

58 56.0 43.4 65.0

57 16.3 14.9 22.3

100 8.7 8.2 12.4

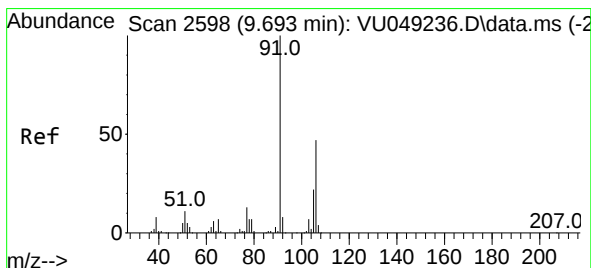
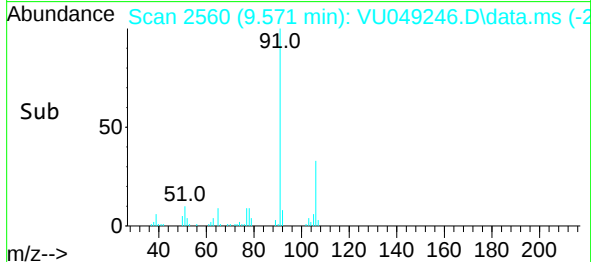
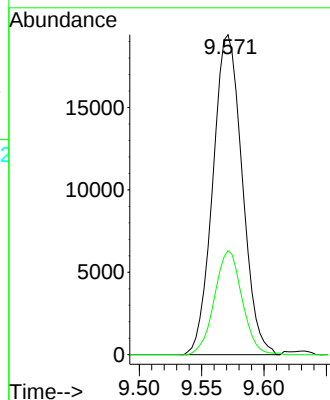
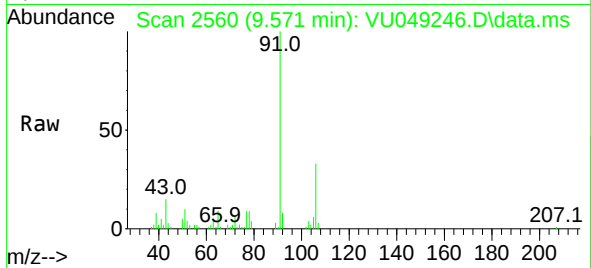




#52
Ethylbenzene
Concen: 0.779 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

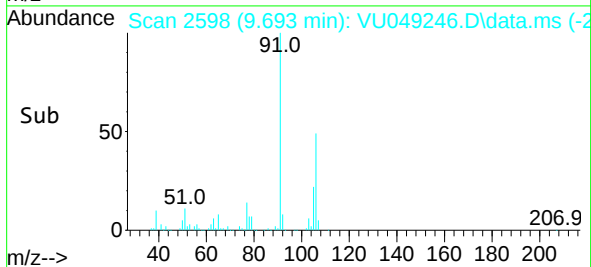
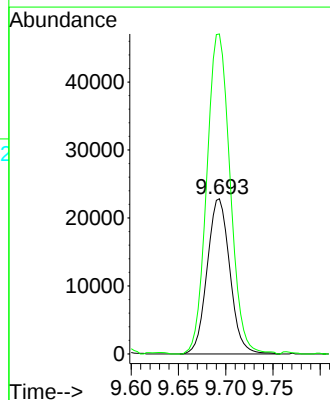
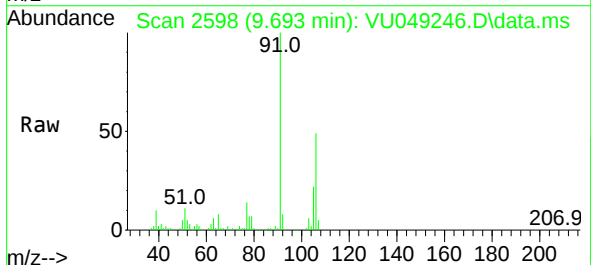
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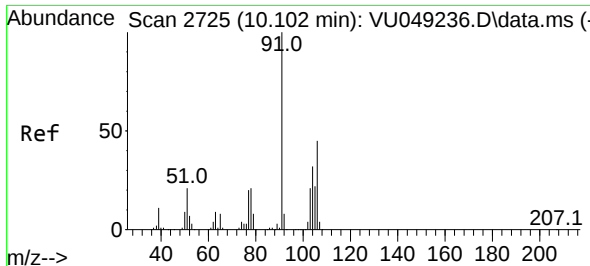
Tgt Ion: 91 Resp: 31787
Ion Ratio Lower Upper
91 100
106 32.5 21.2 39.4



#53
m,p-Xylene
Concen: 2.510 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion: 106 Resp: 38040
Ion Ratio Lower Upper
106 100
91 206.1 148.5 275.7

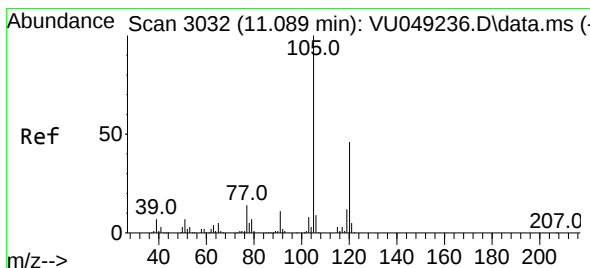
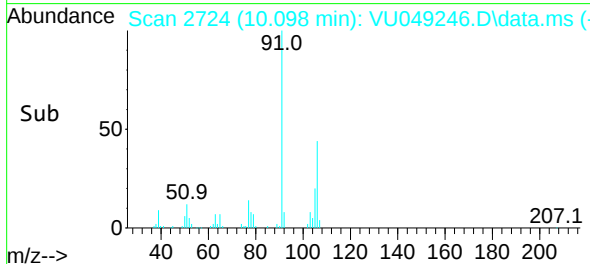
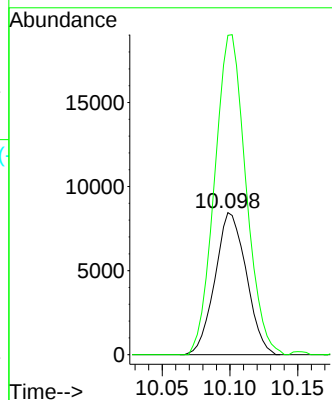
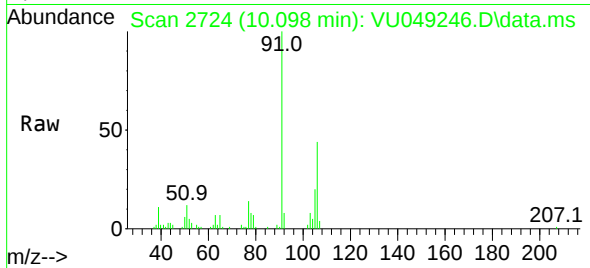




#54
o-Xylene
Concen: 0.903 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

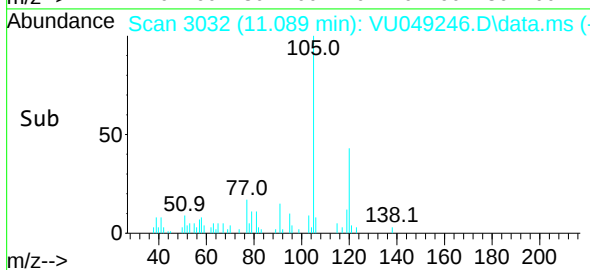
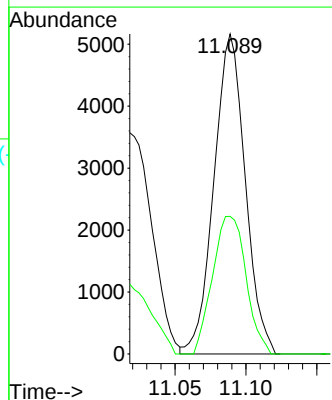
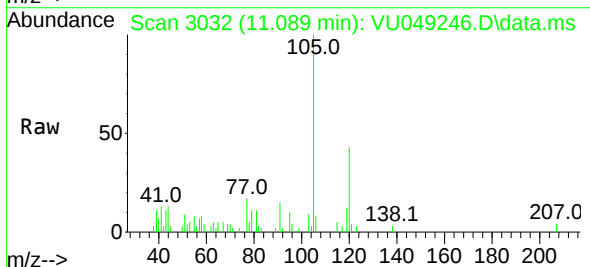
Instrument :
MSVOA_U
ClientSampleId :
EW4P5

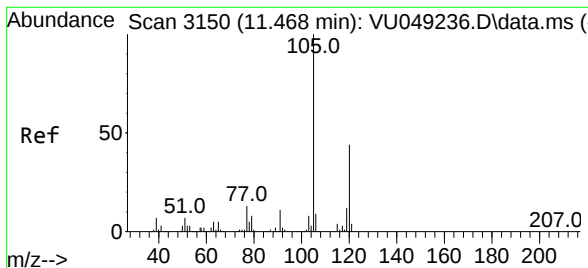
Tgt Ion:106 Resp: 13569
Ion Ratio Lower Upper
106 100
91 224.9 157.5 292.5



#62
1,3,5-Trimethylbenzene
Concen: 0.215 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049246.D
Acq: 17 Jun 2022 15:04

Tgt Ion:105 Resp: 7925
Ion Ratio Lower Upper
105 100
120 46.0 37.8 56.6





#63

1,2,4-Trimethylbenzene

Concen: 0.829 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

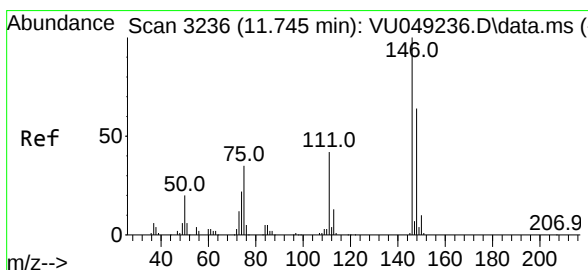
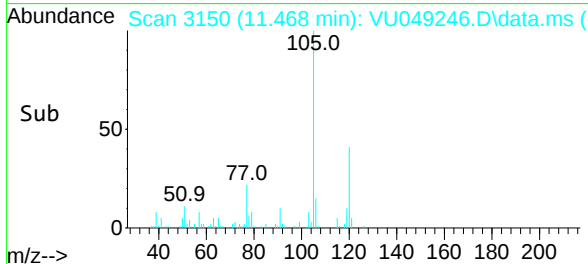
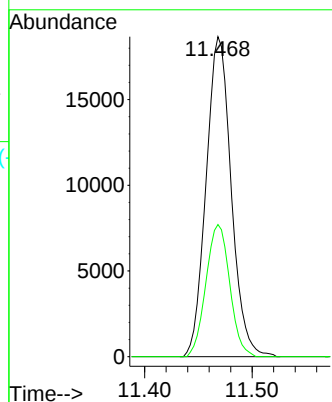
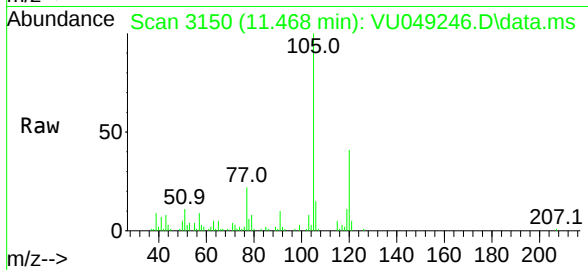
EW4P5

Tgt Ion:105 Resp: 30279

Ion Ratio Lower Upper

105 100

120 39.1 34.6 52.0



#64

1,3-Dichlorobenzene

Concen: 0.100 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU049246.D

Acq: 17 Jun 2022 15:04

Tgt Ion:146 Resp: 1795

Ion Ratio Lower Upper

146 100

111 43.9 30.9 57.5

148 53.8 46.1 85.7

