

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049334.D
 Acq On : 21 Jun 2022 18:18
 Operator : SY/MD
 Sample : N3400-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD6

Quant Time: Jun 22 01:50:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	139031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	127865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39126	3.221	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.912	69	31041	3.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.565	65	15203	3.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.633	46	150861	46.509	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	5.067	84	81264	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.703	65	45941	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.729	84	152075	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.690	67	54301	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.899	98	124842	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.179	79	18425	3.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.636	63	101758	43.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.860%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	46067	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	54352	4.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	3.356	96	750	0.087	ug/L	100
19) 1,1-Dichloroethane	3.877	63	2275	0.133	ug/L #	97
22) cis-1,2-Dichloroethene	4.668	96	3482	0.359	ug/L	83
27) 1,2-Dichloroethane	5.787	62	4228	0.374	ug/L #	74
30) Cyclohexane	5.388	56	23995	1.382	ug/L	97
33) Benzene	5.777	78	273507	7.189	ug/L	100
35) Methylcyclohexane	6.764	83	25674	1.574	ug/L	97
42) Toluene	7.970	91	11706	0.290	ug/L	97
45) 1,1,2-Trichloroethane	8.366	97	2014	0.276	ug/L #	12
52) Ethylbenzene	9.690	91	550341	12.489	ug/L #	68
53) m,p-Xylene	9.690	106	258617	15.793	ug/L	98
54) o-Xylene	10.102	106	1712	0.105	ug/L	100
60) Isopropylbenzene	10.484	105	46339	1.028	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	5084	0.128	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	166508	4.225	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.973	75	1546	0.764	ug/L #	10
71) Naphthalene	14.086	128	115948	5.074	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 22 01:47:02 2022
Response via : Initial Calibration

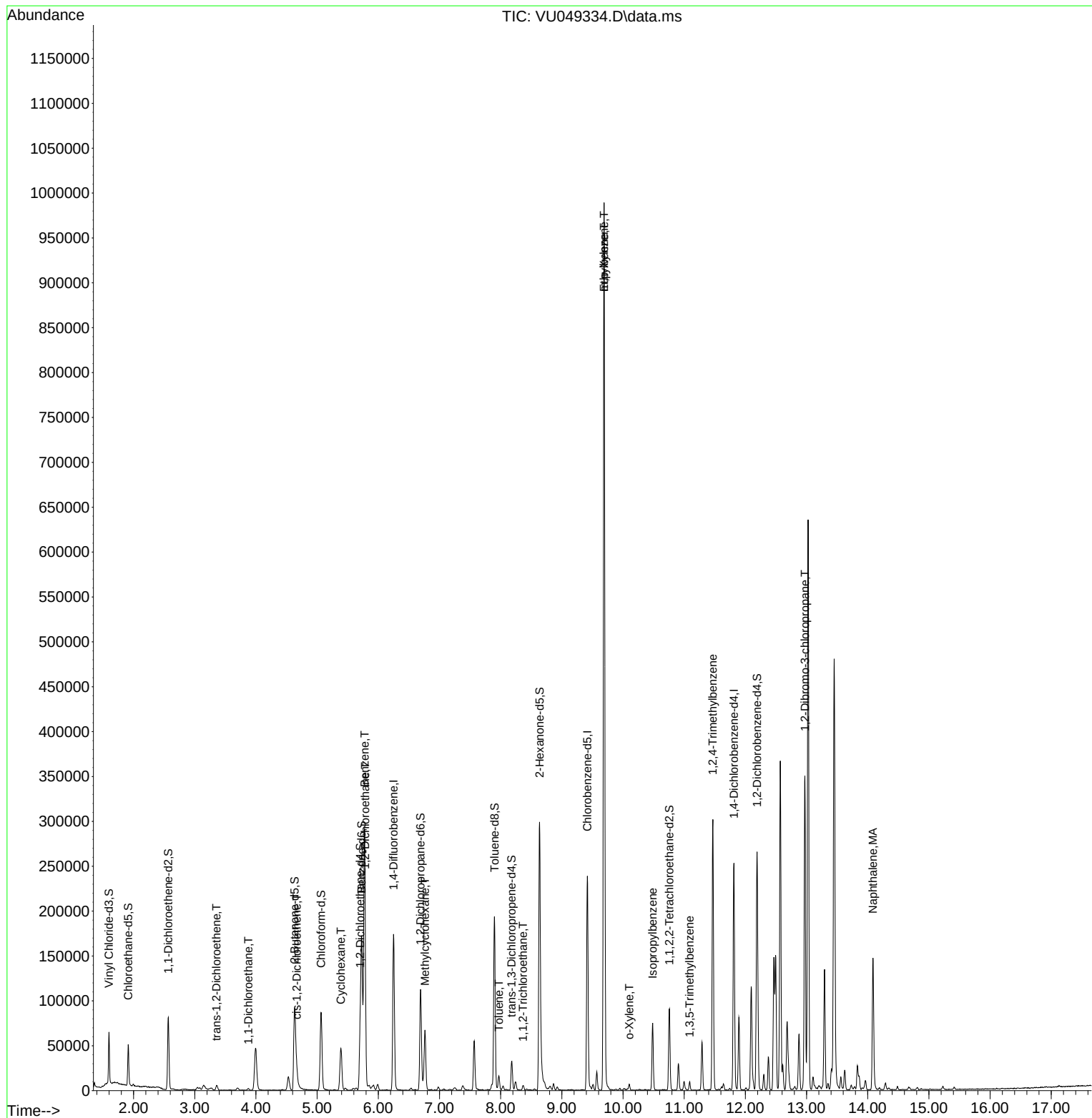
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

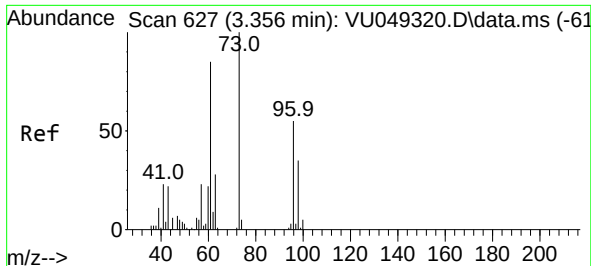
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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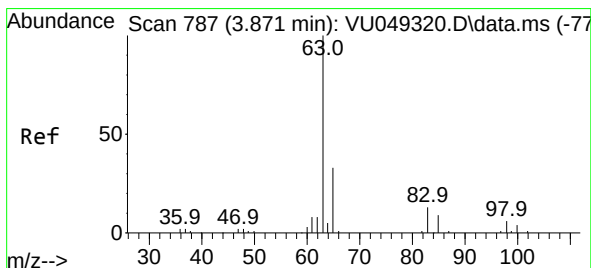
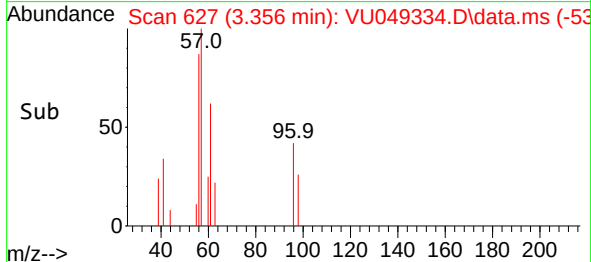
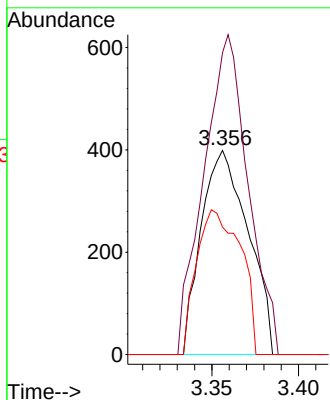
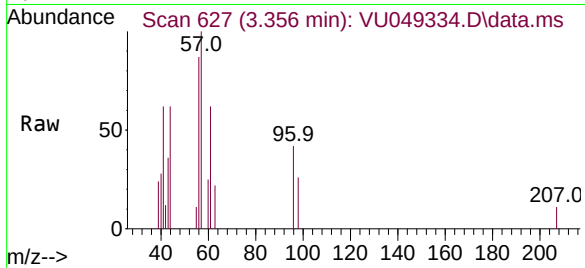




#18
trans-1,2-Dichloroethene
Concen: 0.087 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

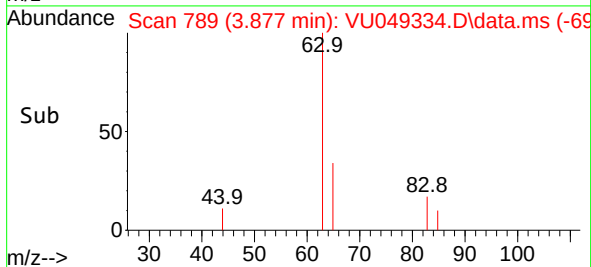
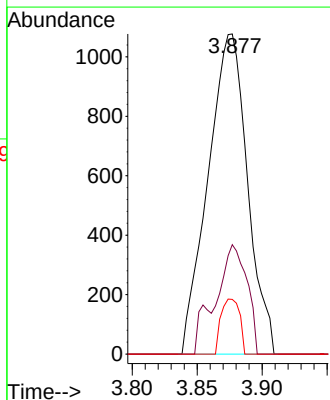
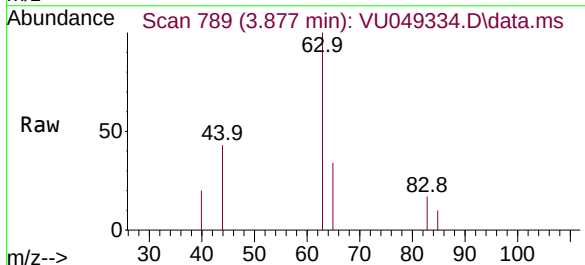
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

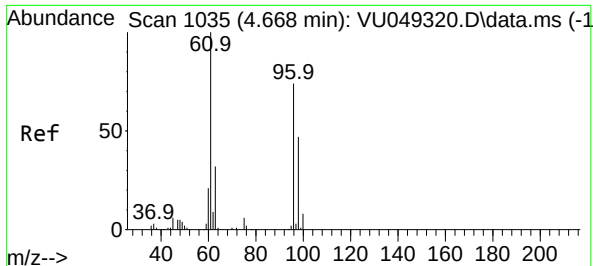
Tgt Ion: 96 Resp: 750
Ion Ratio Lower Upper
96 100
61 147.9 103.3 191.9
98 62.4 44.0 81.8



#19
1,1-Dichloroethane
Concen: 0.133 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.006 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

Tgt Ion: 63 Resp: 2275
Ion Ratio Lower Upper
63 100
65 34.2 24.0 44.6
83 17.1 9.1 16.9#





#22

cis-1,2-Dichloroethene

Concen: 0.359 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049334.D

Acq: 21 Jun 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

C0AD6

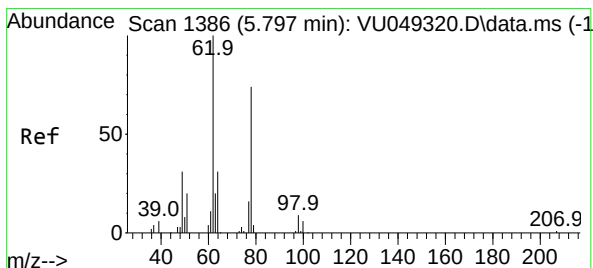
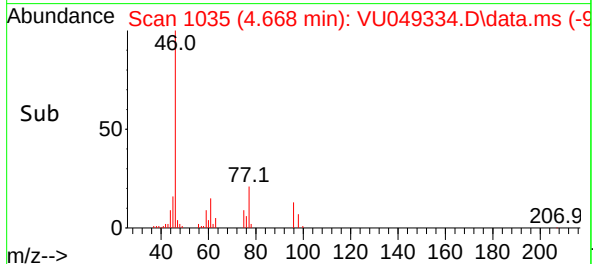
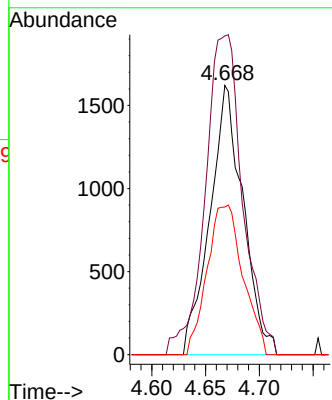
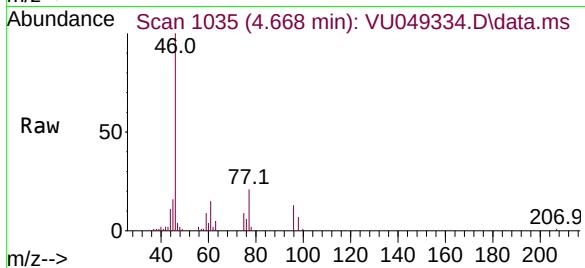
Tgt Ion: 96 Resp: 3482

Ion Ratio Lower Upper

96 100

61 118.3 99.5 184.9

98 54.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 0.374 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.010 min

Lab File: VU049334.D

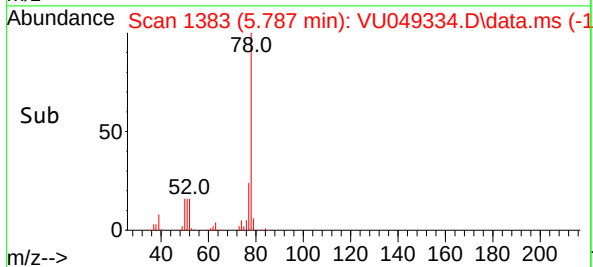
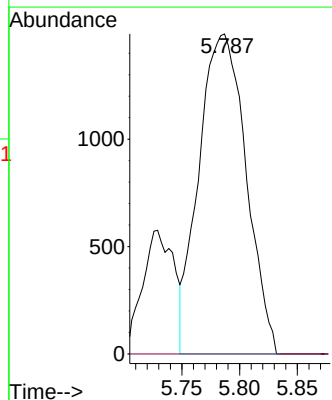
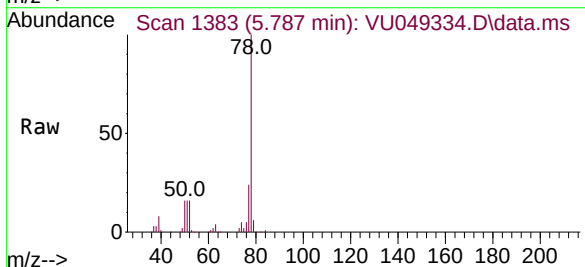
Acq: 21 Jun 2022 18:18

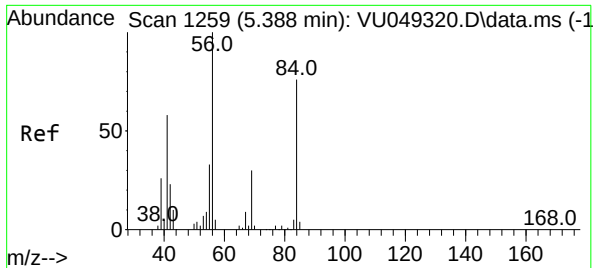
Tgt Ion: 62 Resp: 4228

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

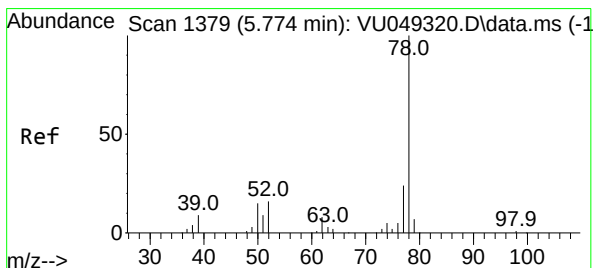
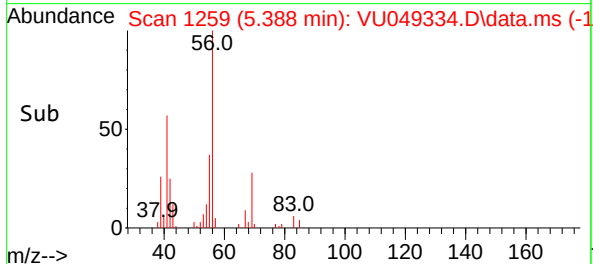
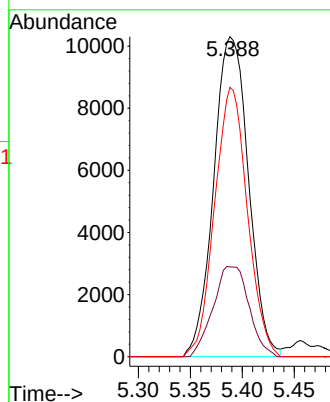
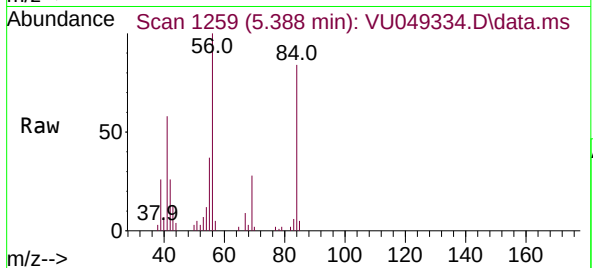




#30
Cyclohexane
Concen: 1.382 ug/L
RT: 5.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

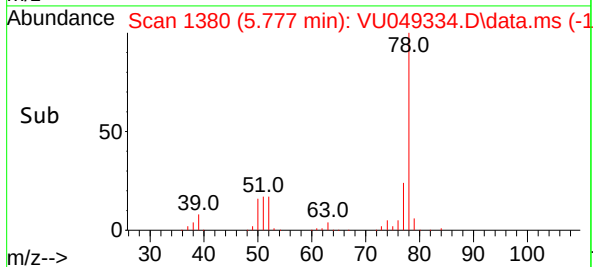
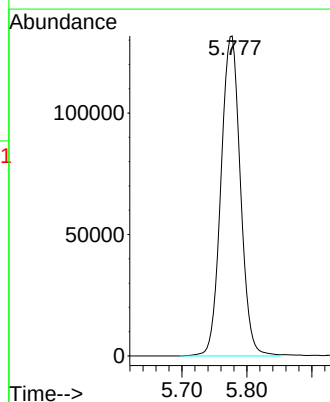
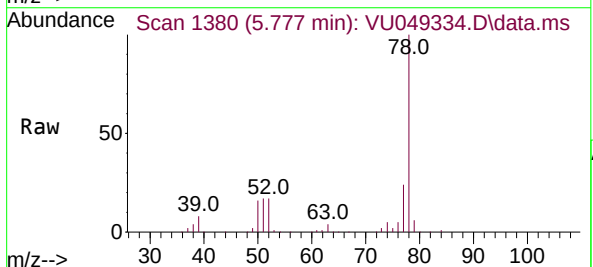
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

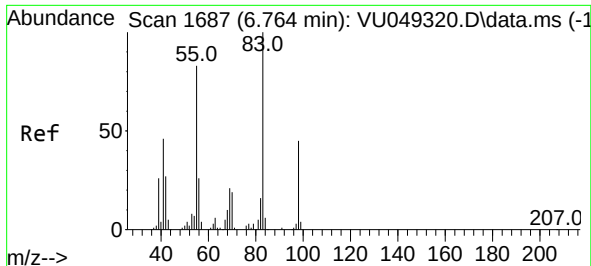
Tgt Ion: 56 Resp: 23995
Ion Ratio Lower Upper
56 100
69 29.0 23.8 35.6
84 79.1 61.2 91.8



#33
Benzene
Concen: 7.189 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

Tgt Ion: 78 Resp: 273507





#35

Methylcyclohexane

Concen: 1.574 ug/L

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049334.D

Acq: 21 Jun 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

C0AD6

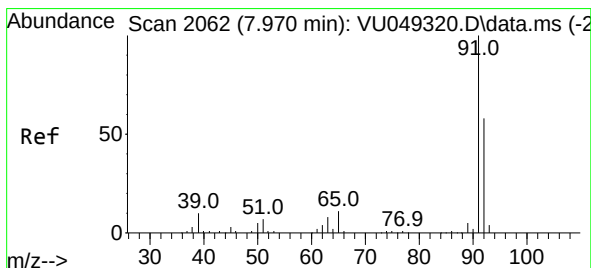
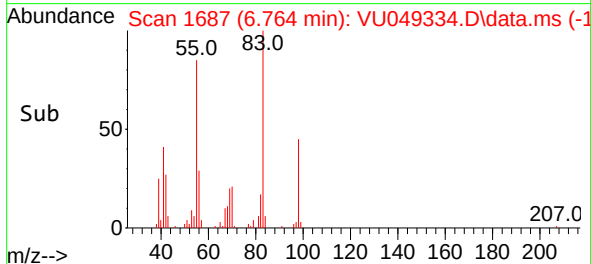
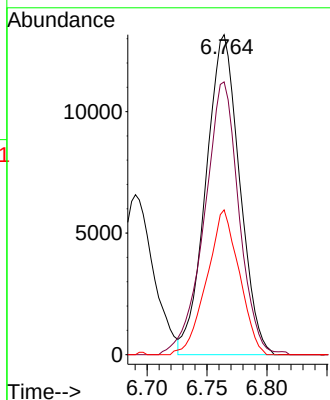
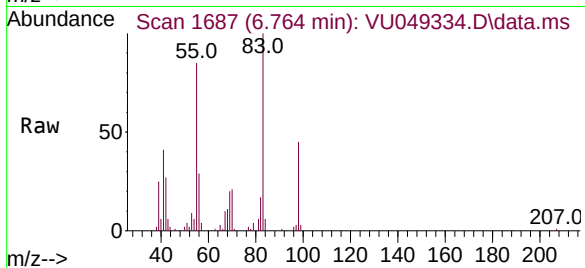
Tgt Ion: 83 Resp: 25674

Ion Ratio Lower Upper

83 100

55 87.4 66.9 100.3

98 43.6 35.5 53.3



#42

Toluene

Concen: 0.290 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049334.D

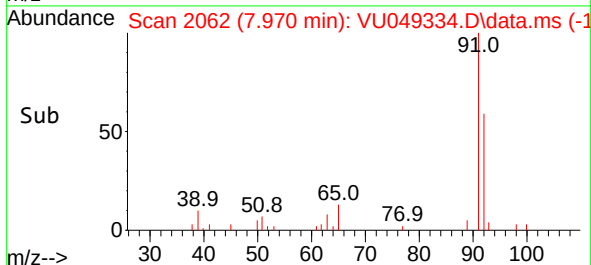
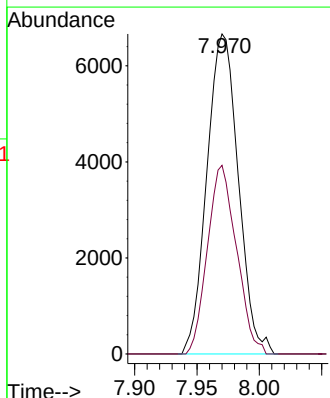
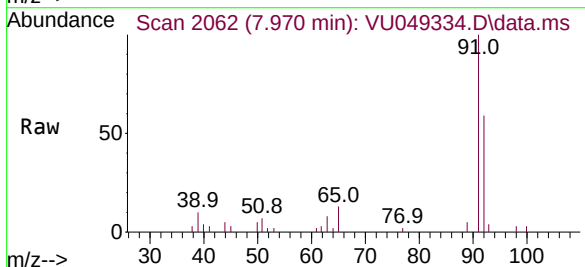
Acq: 21 Jun 2022 18:18

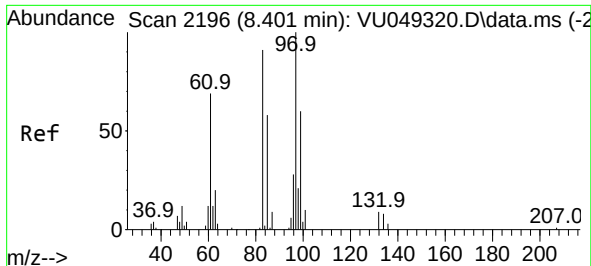
Tgt Ion: 91 Resp: 11706

Ion Ratio Lower Upper

91 100

92 59.0 40.0 74.2

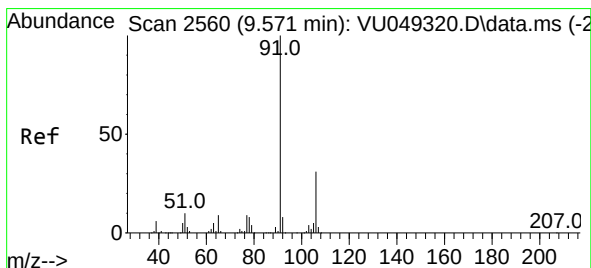
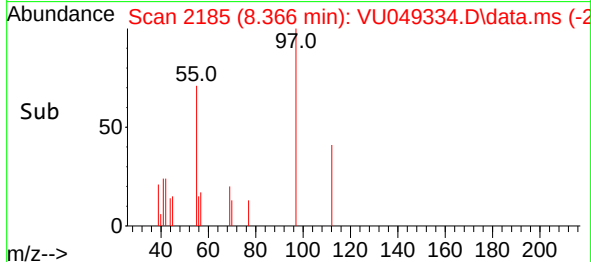
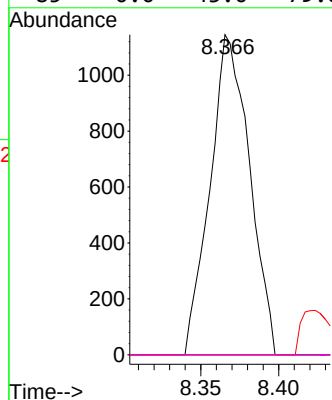
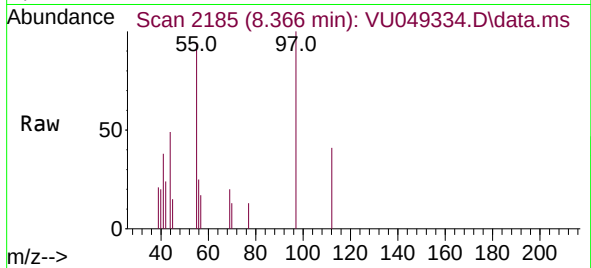




#45
1,1,2-Trichloroethane
Concen: 0.276 ug/L
RT: 8.366 min Scan# 2196
Delta R.T. -0.035 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

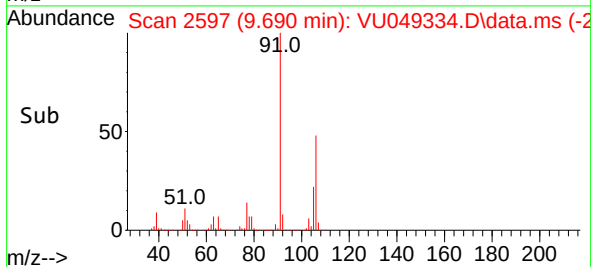
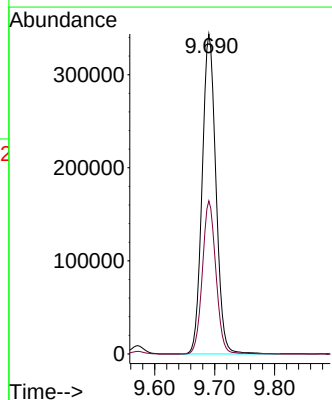
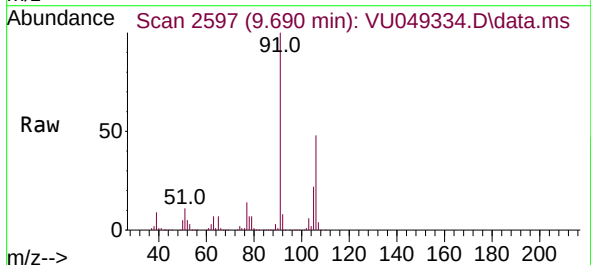
Instrument :
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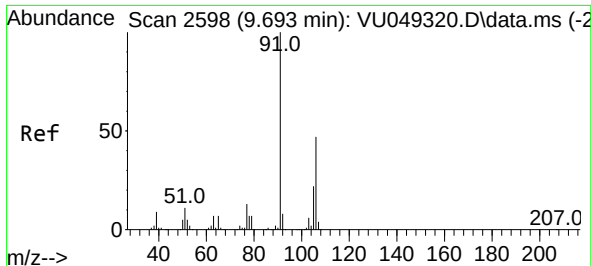
Tgt Ion:	97	Resp:	2014
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.6	84.8#
83	0.0	65.4	121.4#
85	0.0	43.0	79.8#



#52
Ethylbenzene
Concen: 12.489 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.119 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

Tgt Ion:	91	Resp:	550341
Ion	Ratio	Lower	Upper
91	100		
106	47.8	21.2	39.4#

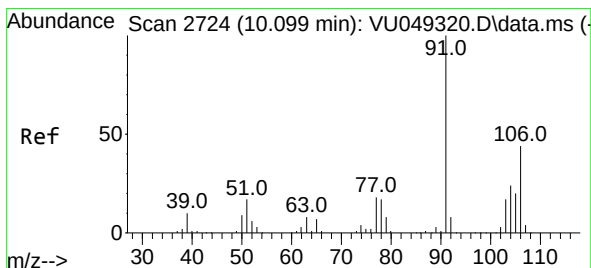
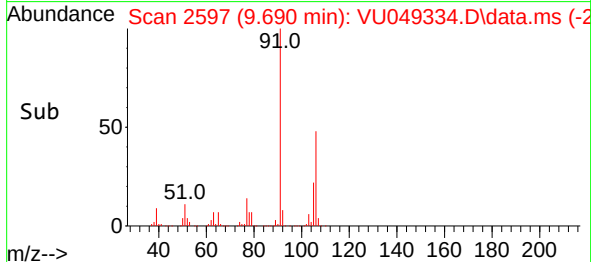
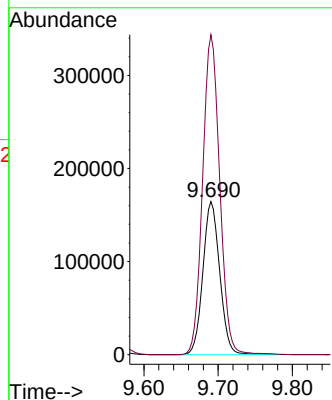
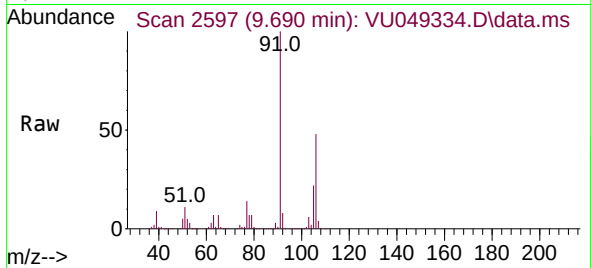




#53
m,p-Xylene
Concen: 15.793 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

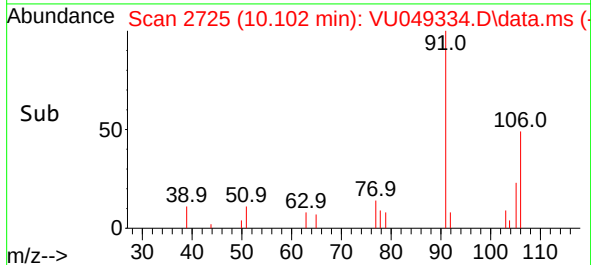
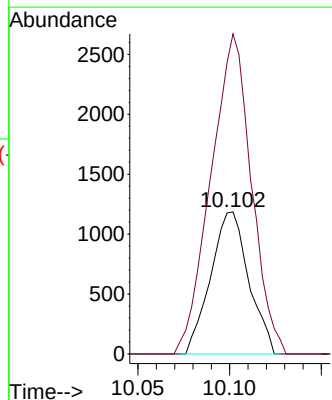
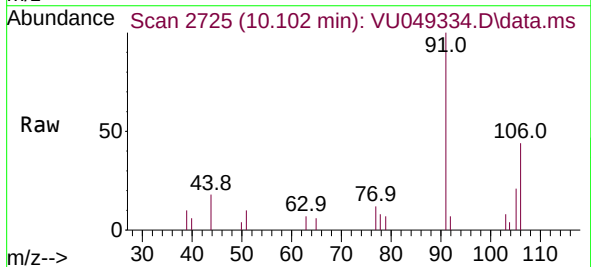
Instrument :
MSVOA_U
ClientSampleId :
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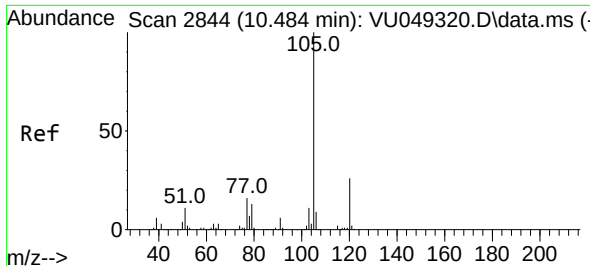
Tgt Ion:106 Resp: 258617
Ion Ratio Lower Upper
106 100
91 209.1 148.5 275.7



#54
o-Xylene
Concen: 0.105 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

Tgt Ion:106 Resp: 1712
Ion Ratio Lower Upper
106 100
91 225.2 157.5 292.5

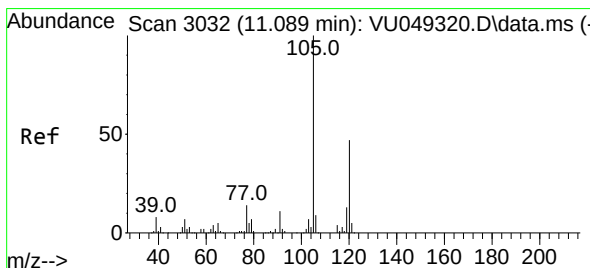
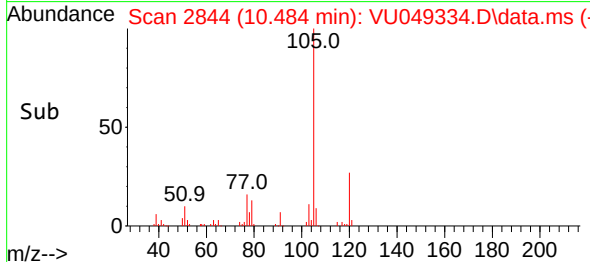
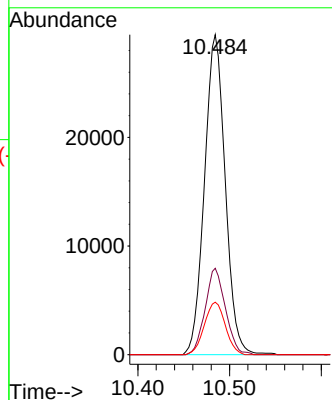
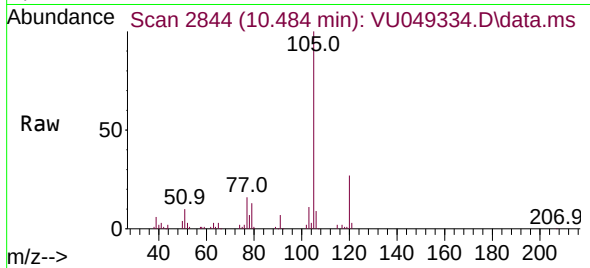




#60
Isopropylbenzene
Concen: 1.028 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

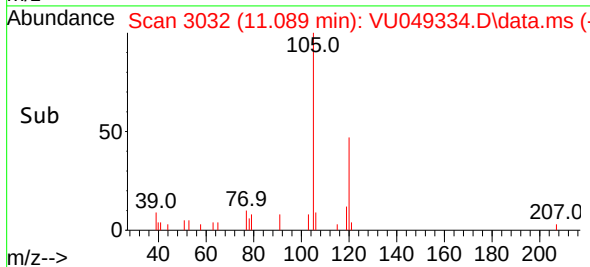
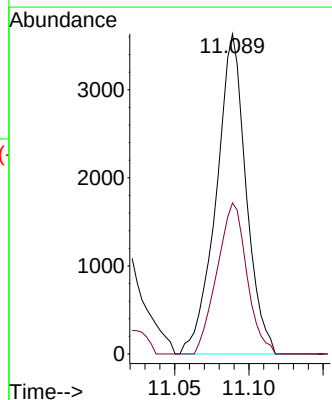
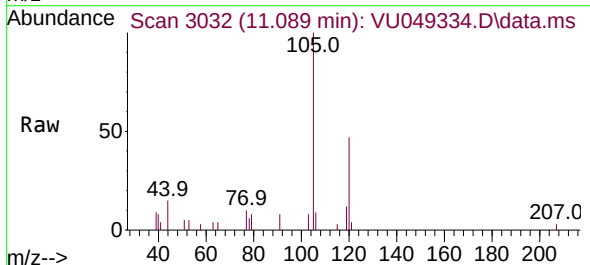
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

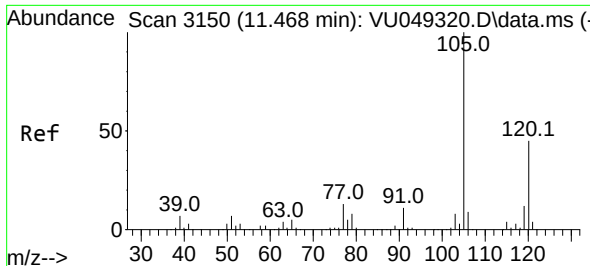
Tgt Ion:105 Resp: 46339
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 16.6 13.0 19.6



#62
1,3,5-Trimethylbenzene
Concen: 0.128 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

Tgt Ion:105 Resp: 5084
Ion Ratio Lower Upper
105 100
120 47.1 37.8 56.6

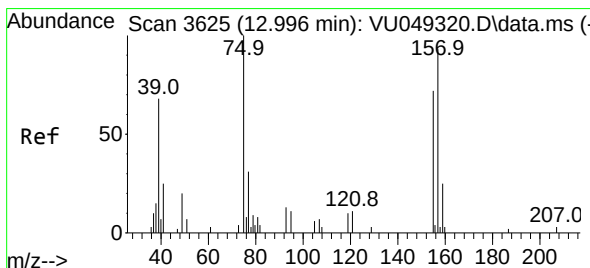
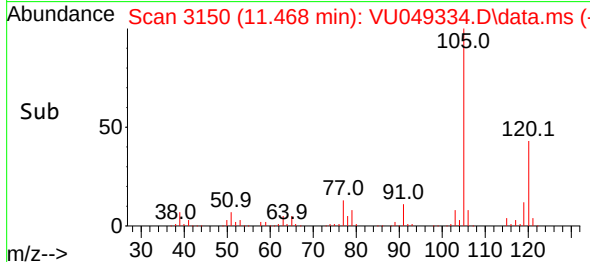
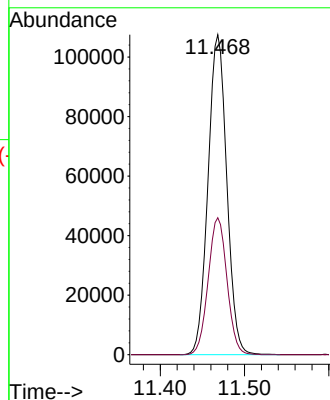
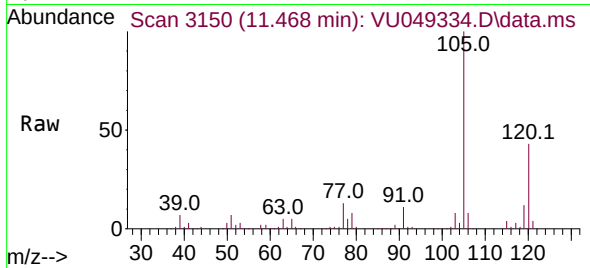




#63
1,2,4-Trimethylbenzene
Concen: 4.225 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

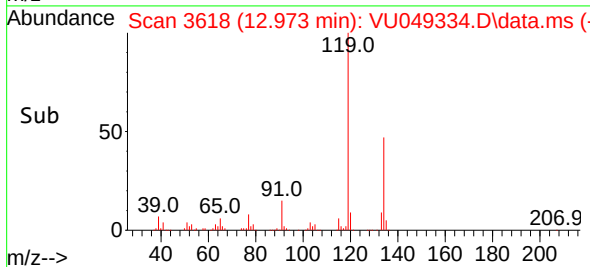
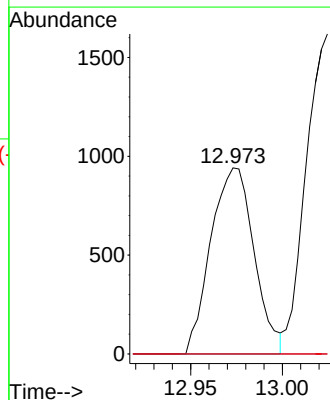
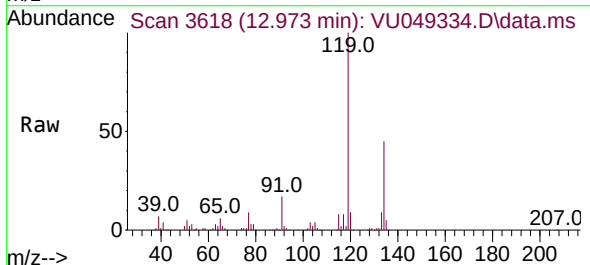
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

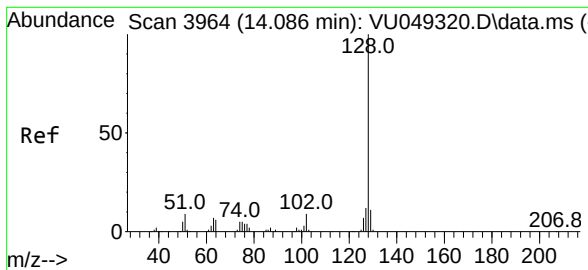
Tgt Ion:105 Resp: 166508
Ion Ratio Lower Upper
105 100
120 42.9 34.6 52.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.764 ug/L
RT: 12.973 min Scan# 3618
Delta R.T. -0.023 min
Lab File: VU049334.D
Acq: 21 Jun 2022 18:18

Tgt Ion: 75 Resp: 1546
Ion Ratio Lower Upper
75 100
155 0.0 52.0 78.0#
157 0.0 71.4 107.2#





#71

Naphthalene

Concen: 5.074 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU049334.D

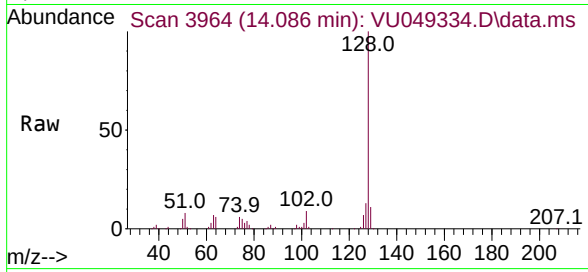
Acq: 21 Jun 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

C0AD6



Tgt Ion:128 Resp: 115948

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

127 12.7 10.2 15.4

