

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026427.D
 Acq On : 18 Jun 2022 17:00
 Operator : SY/MD
 Sample : N3256-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

Quant Time: Jun 20 01:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

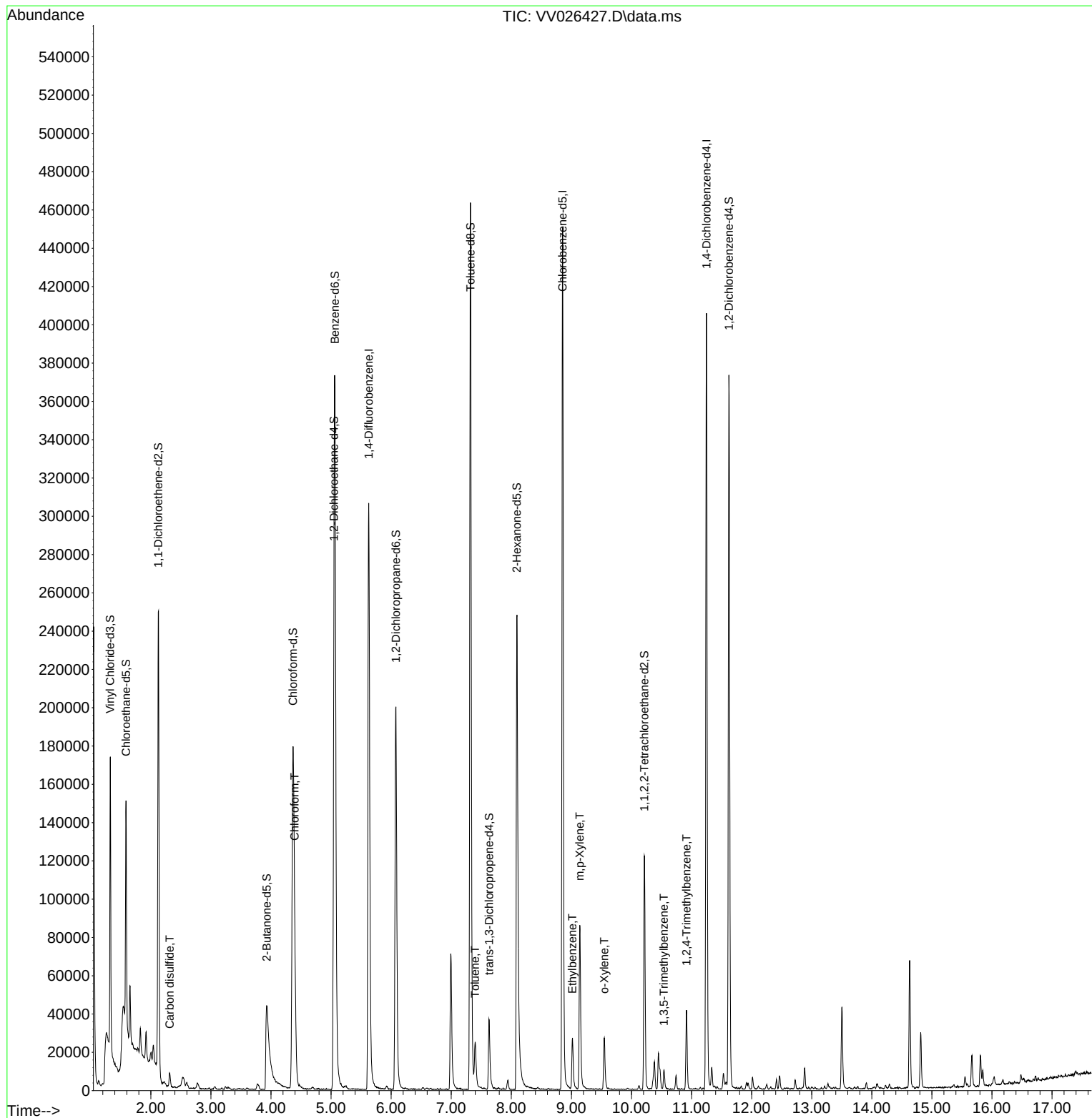
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	281583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	256658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	110804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	89830	3.673	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.400%	
7) Chloroethane-d5	1.587	69	77803	4.046	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.124	63	129775	3.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.800%	
20) 2-Butanone-d5	3.928	46	110994	46.510	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.020%	
24) Chloroform-d	4.365	84	178143	4.970	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.047	65	70226	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.063	84	368745	5.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
36) 1,2-Dichloropropane-d6	6.079	67	103509	5.169	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.320	98	319602	5.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	7.629	79	23755	3.658	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.200%	
46) 2-Hexanone-d5	8.092	63	94478	48.163	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.320%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60012	4.864	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	98735	5.785	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.600%	
Target Compounds						
						Qvalue
14) Carbon disulfide	2.314	76	9817	0.224	ug/L	99
25) Chloroform	4.391	83	61608	1.726	ug/L	100
42) Toluene	7.397	91	19023	0.275	ug/L	100
52) Ethylbenzene	9.018	91	20875	0.301	ug/L	99
53) m,p-Xylene	9.140	106	27016	0.999	ug/L	96
54) o-Xylene	9.548	106	8172	0.312	ug/L	91
62) 1,3,5-Trimethylbenzene	10.542	105	5806	0.124	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	23120	0.498	ug/L	98

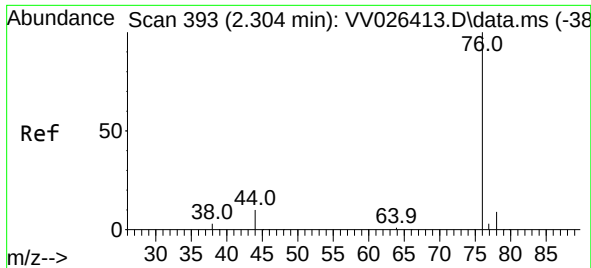
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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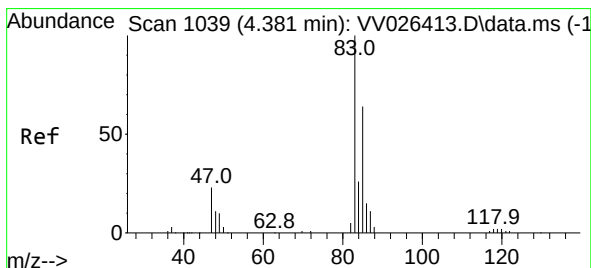
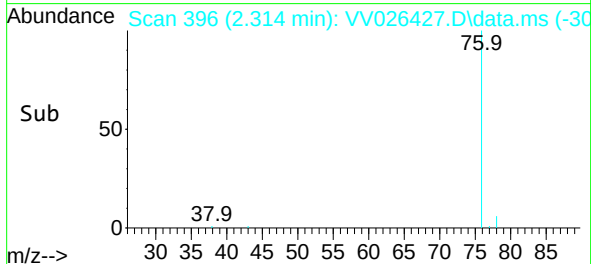
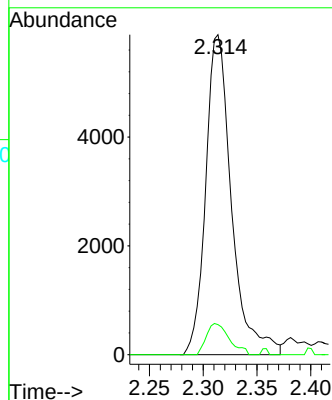
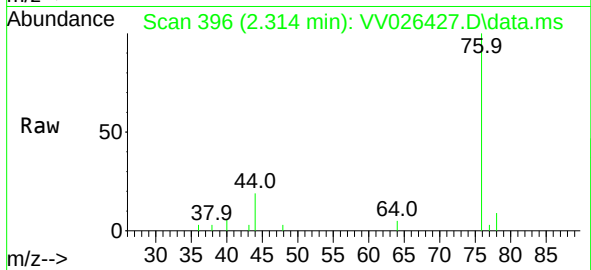




#14
Carbon disulfide
Concen: 0.224 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.010 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

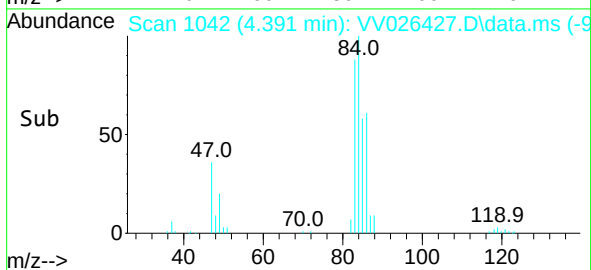
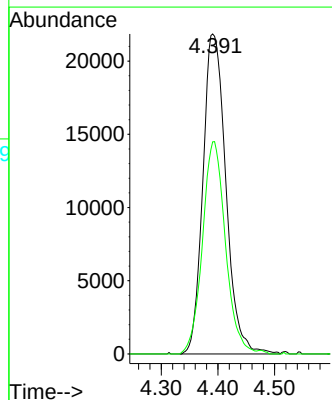
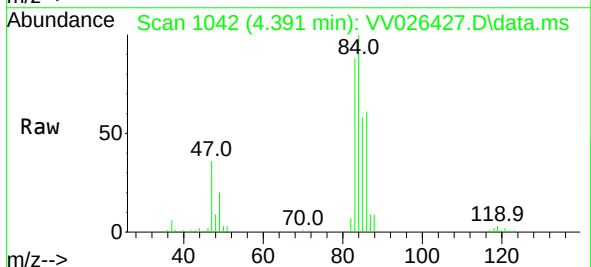
Instrument :
MSVOA_V
ClientSampleId :
C0AK4

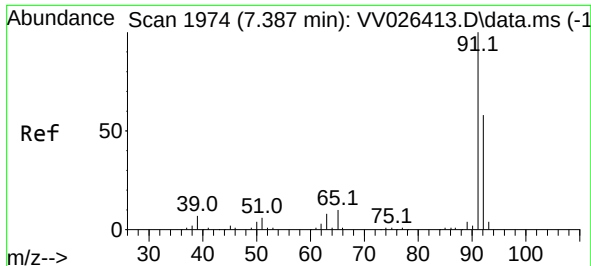
Tgt Ion: 76 Resp: 9817
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#25
Chloroform
Concen: 1.726 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026427.D
Acq: 18 Jun 2022 17:00

Tgt Ion: 83 Resp: 61608
Ion Ratio Lower Upper
83 100
85 66.3 46.5 86.3





#42

Toluene

Concen: 0.275 ug/L

RT: 7.397 min Scan# 19023

Delta R.T. 0.010 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

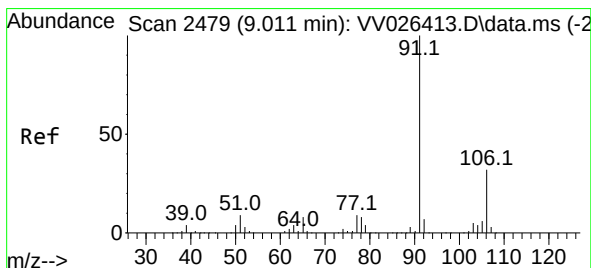
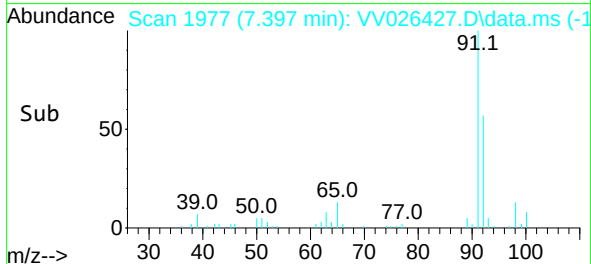
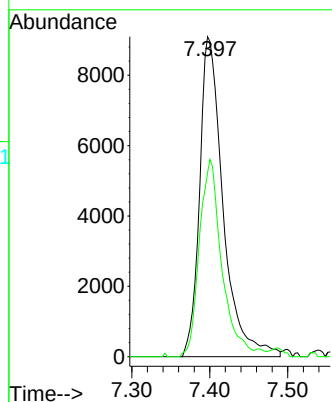
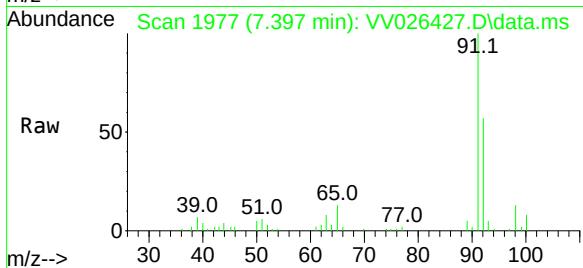
C0AK4

Tgt Ion: 91 Resp: 19023

Ion Ratio Lower Upper

91 100

92 57.5 40.1 74.5



#52

Ethylbenzene

Concen: 0.301 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV026427.D

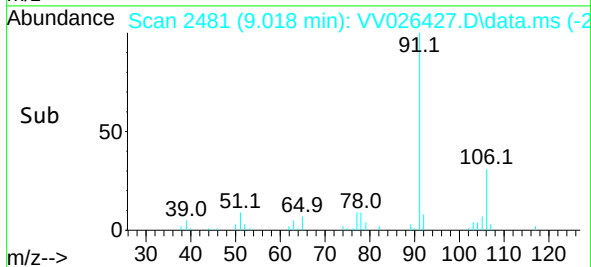
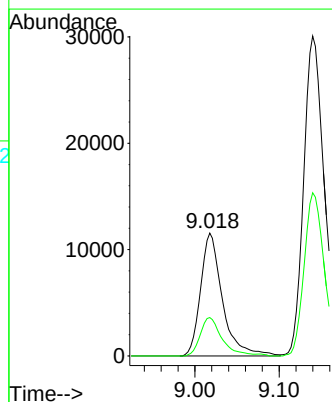
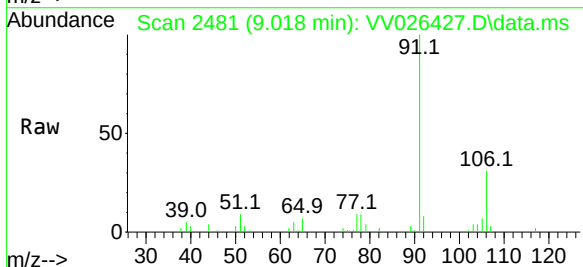
Acq: 18 Jun 2022 17:00

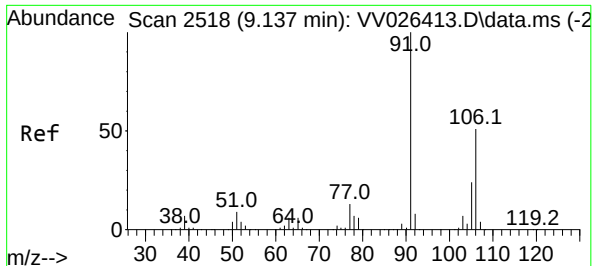
Tgt Ion: 91 Resp: 20875

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0





#53

m,p-Xylene

Concen: 0.999 ug/L

RT: 9.140 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

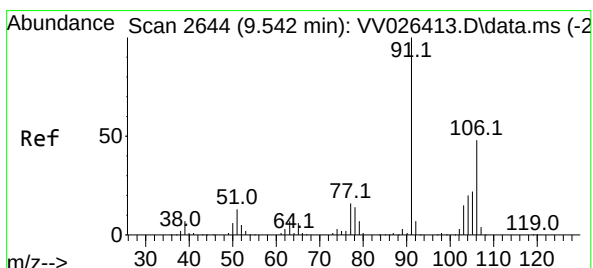
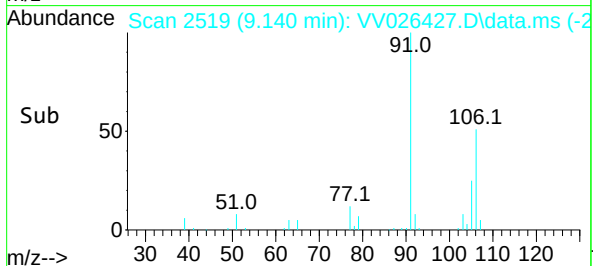
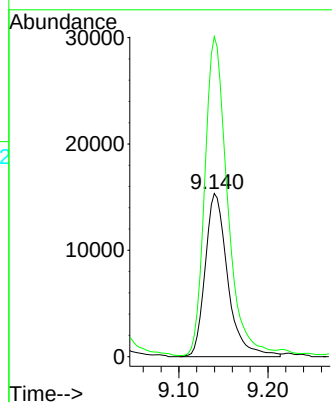
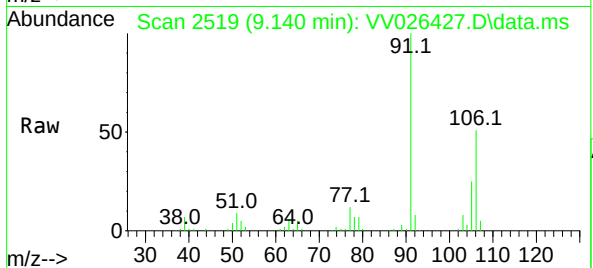
C0AK4

Tgt Ion:106 Resp: 27016

Ion Ratio Lower Upper

106 100

91 196.1 141.3 262.3



#54

o-Xylene

Concen: 0.312 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.006 min

Lab File: VV026427.D

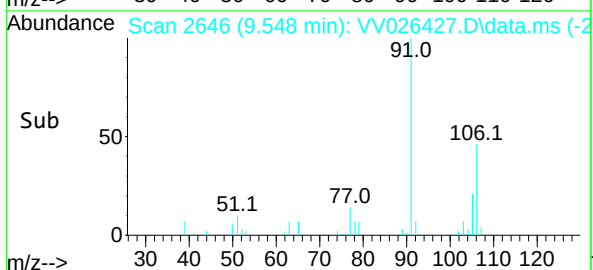
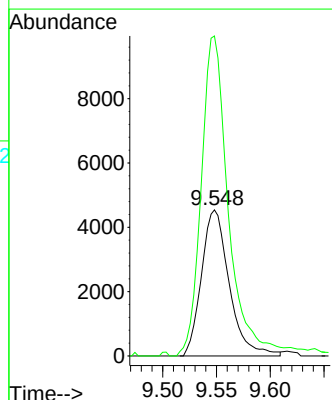
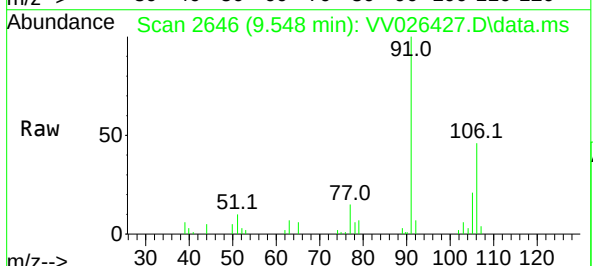
Acq: 18 Jun 2022 17:00

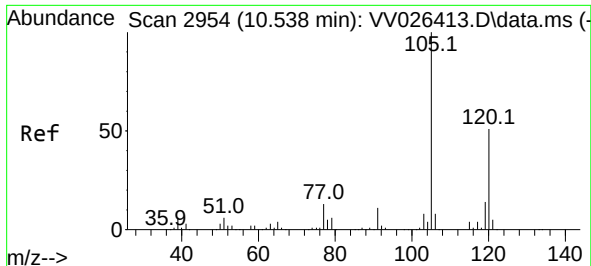
Tgt Ion:106 Resp: 8172

Ion Ratio Lower Upper

106 100

91 219.0 143.3 266.1





#62

1,3,5-Trimethylbenzene

Concen: 0.124 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Instrument :

MSVOA_V

ClientSampleId :

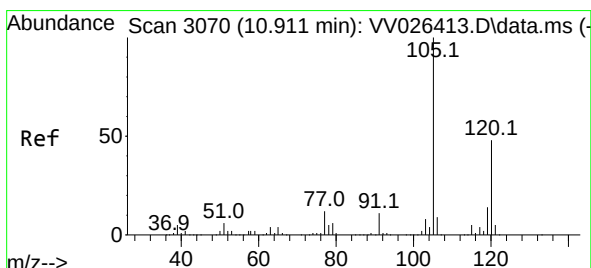
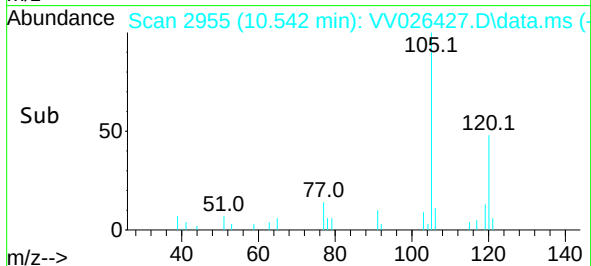
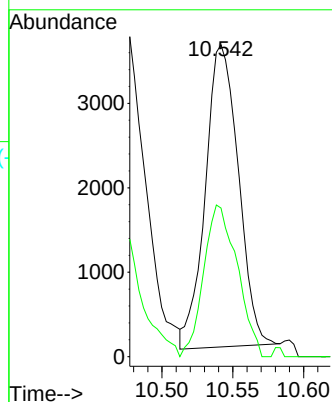
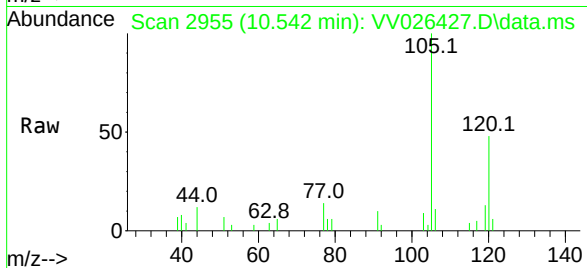
C0AK4

Tgt Ion:105 Resp: 5806

Ion Ratio Lower Upper

105 100

120 50.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.498 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026427.D

Acq: 18 Jun 2022 17:00

Tgt Ion:105 Resp: 23120

Ion Ratio Lower Upper

105 100

120 47.2 36.9 55.3

