

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023992.D
 Acq On : 15 Dec 2021 19:38
 Operator : SY/MD
 Sample : M4971-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 16 04:52:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16708	3.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.568	69	17006	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.108	63	23375	2.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.600%#
20) 2-Butanone-d5	3.905	46	44380	45.053	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.100%
24) Chloroform-d	4.349	84	52318	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.037	65	27161	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	78608	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.072	67	27320	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	59188	3.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	7.625	79	9416	3.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.092	63	51834	45.595	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23569	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	31764	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
3) Chloromethane	1.240	50	761	0.109	ug/L	90
13) Acetone	2.195	43	7014m	8.900	ug/L	
33) Benzene	5.105	78	22008	0.759	ug/L	100
42) Toluene	7.391	91	30299	0.929	ug/L	97
52) Ethylbenzene	9.021	91	2101	0.061	ug/L	99
53) m,p-xylene	9.140	106	2901	0.213	ug/L	92
54) o-xylene	9.545	106	2913	0.221	ug/L	82
63) 1,2,4-Trimethylbenzene	10.918	105	5514	0.228	ug/L	90

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

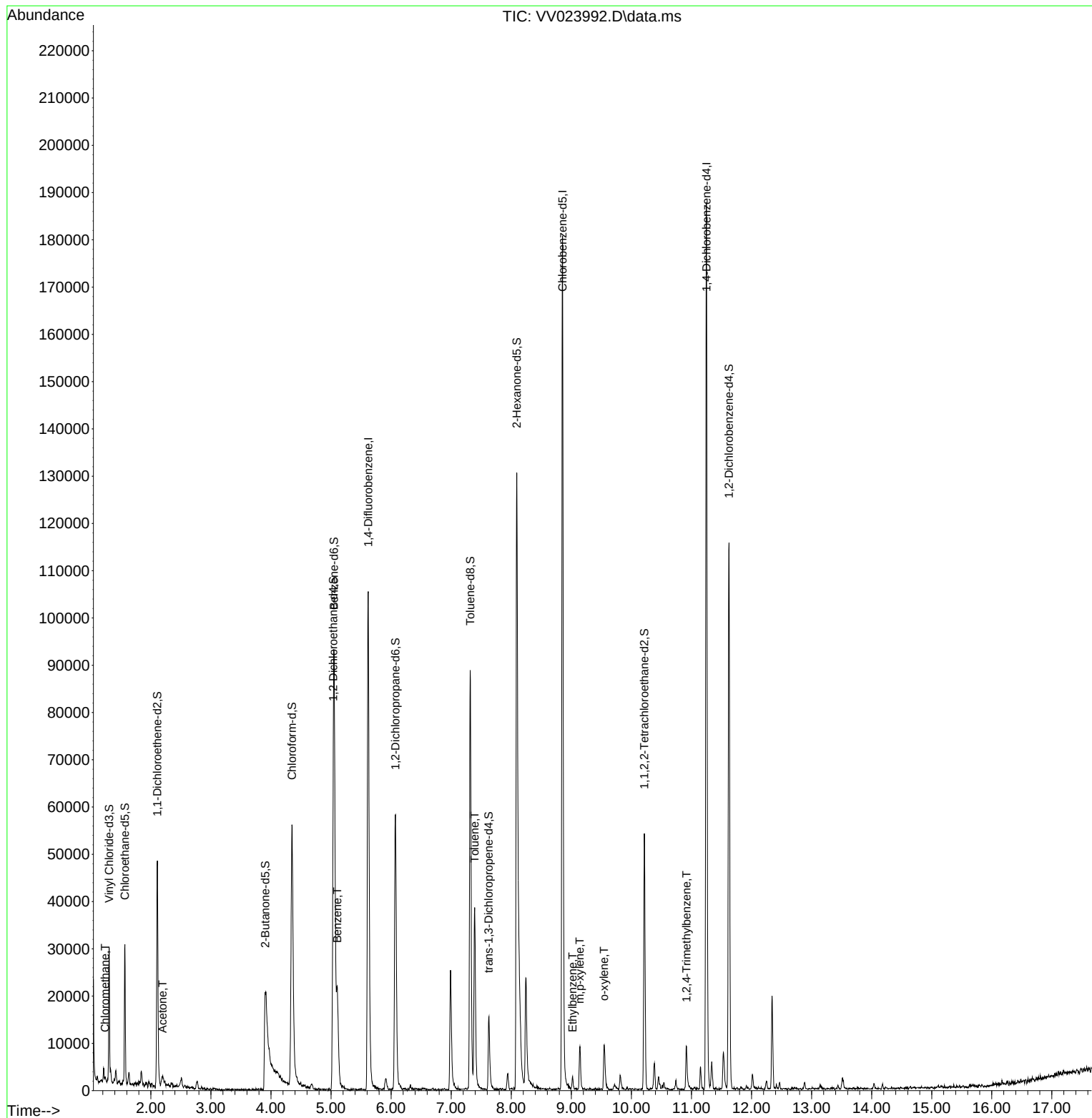
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023992.D
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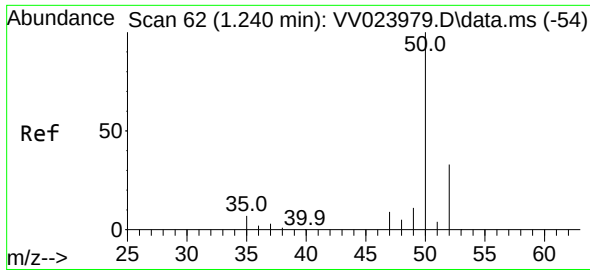
Instrument :
MSVOA_V
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Quant Time: Dec 16 04:52:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





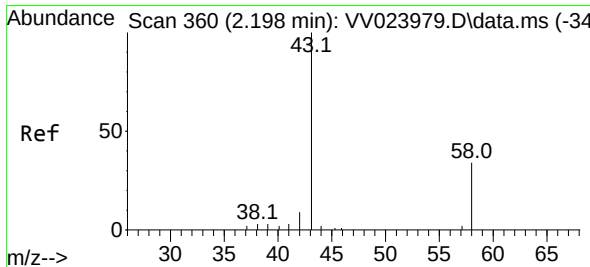
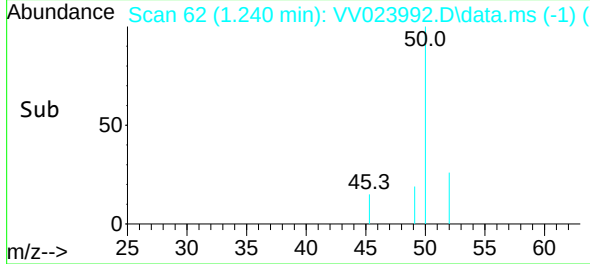
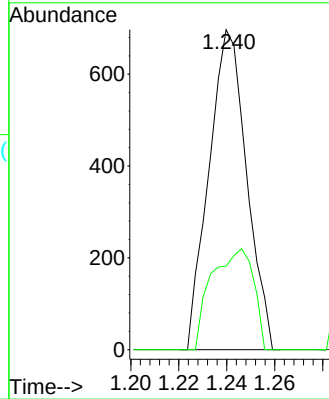
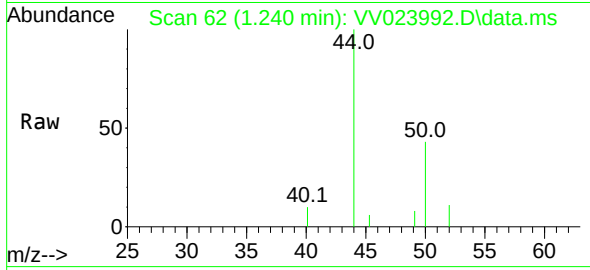
#3
Chloromethane
Concen: 0.109 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023992.D
Acq: 15 Dec 2021 19:38

Instrument :
MSVOA_V
ClientSampleId :
BG3E0

Tgt Ion: 50 Resp: 76
Ion Ratio Lower Upper
50 100
52 26.1 22.0 41.0

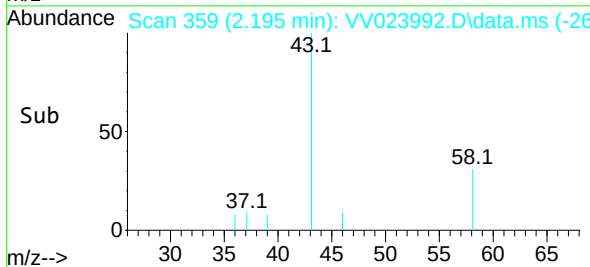
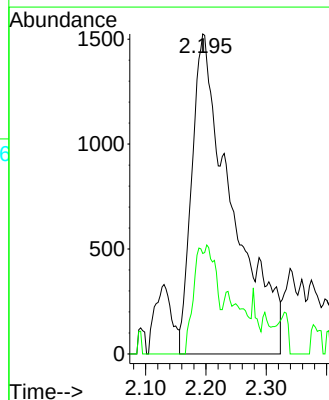
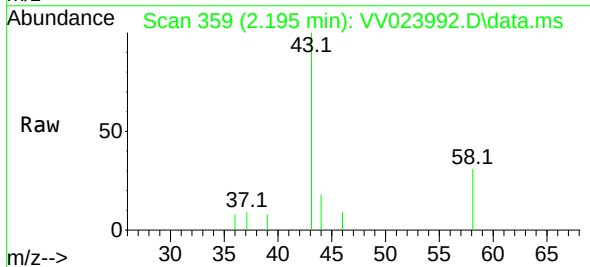
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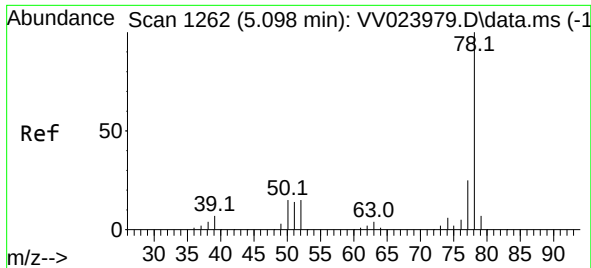
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#13
Acetone
Concen: 8.900 ug/L m
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV023992.D
Acq: 15 Dec 2021 19:38

Tgt Ion: 43 Resp: 7014
Ion Ratio Lower Upper
43 100
58 8.4 0.0 41.4





#33

Benzene

Concen: 0.759 ug/L

RT: 5.105 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV023992.D

Acq: 15 Dec 2021 19:38

Instrument :

MSVOA_V

ClientSampleId :

BG3E0

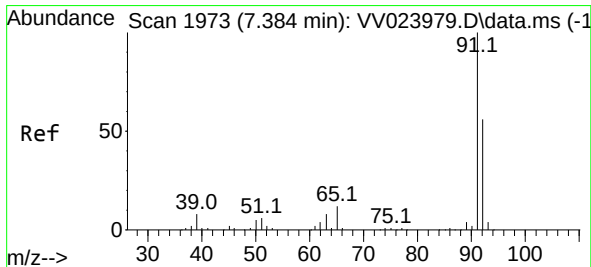
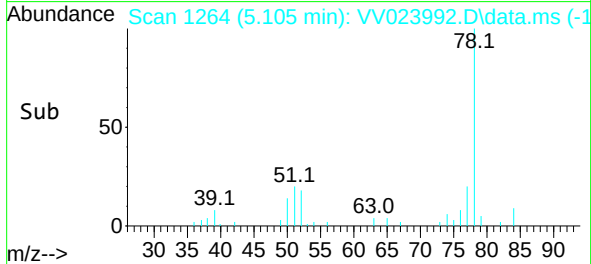
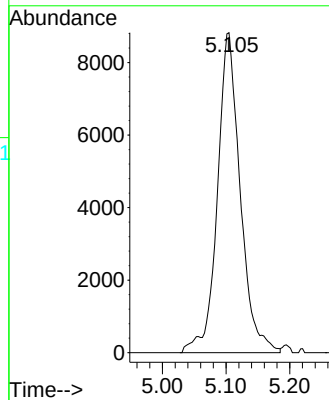
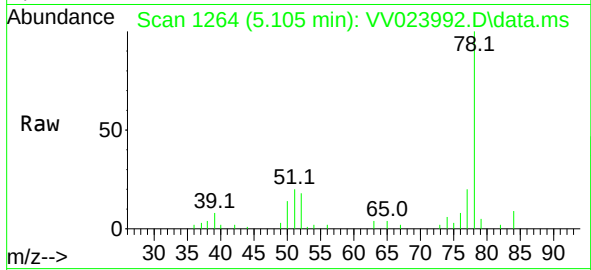
Tgt Ion: 78 Resp: 22008

Manual Integrations

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#42

Toluene

Concen: 0.929 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV023992.D

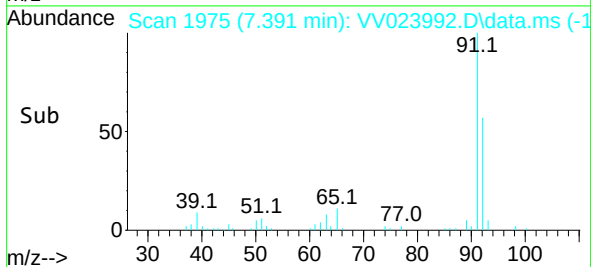
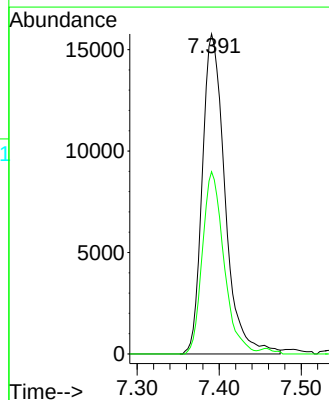
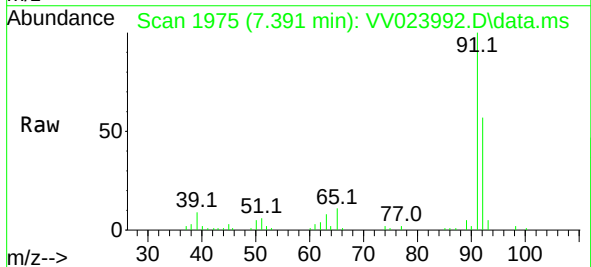
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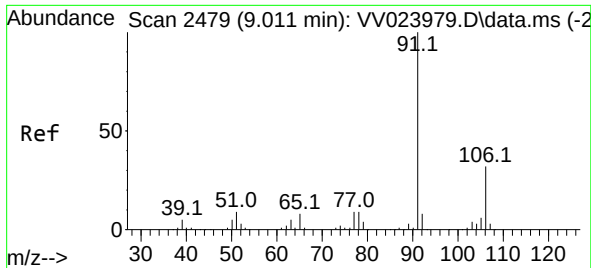
Tgt Ion: 91 Resp: 30299

Ion Ratio Lower Upper

91 100

92 56.9 41.5 77.1





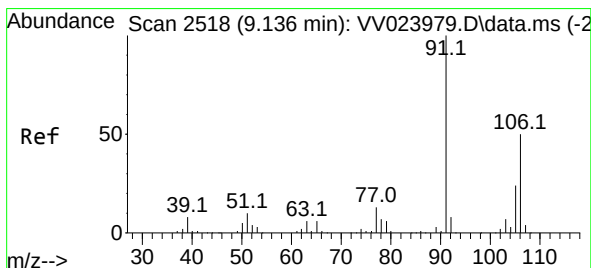
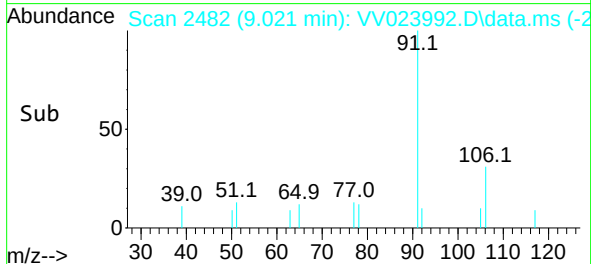
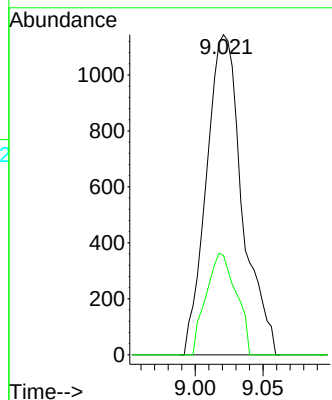
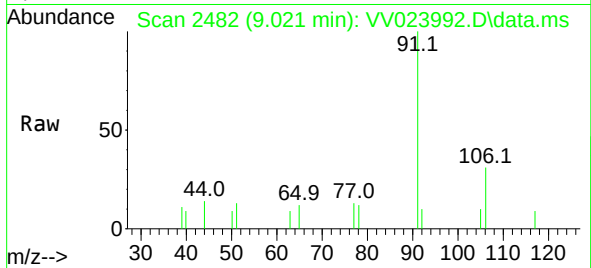
#52
Ethylbenzene
Concen: 0.061 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.010 min
Lab File: VV023992.D
Acq: 15 Dec 2021 19:38

Instrument :
MSVOA_V
ClientSampleId :
BG3E0

Tgt Ion: 91 Resp: 210
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0

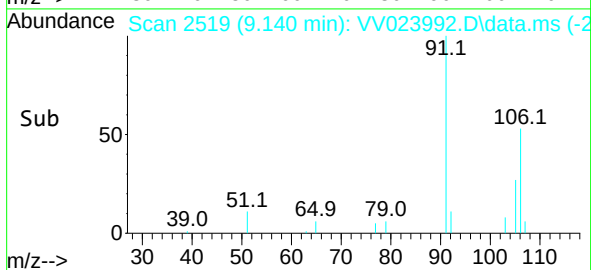
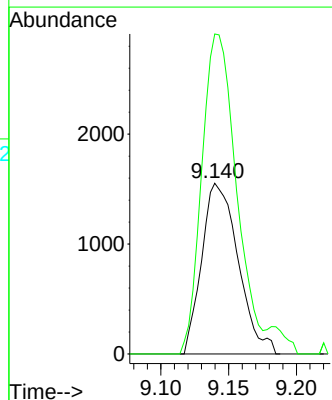
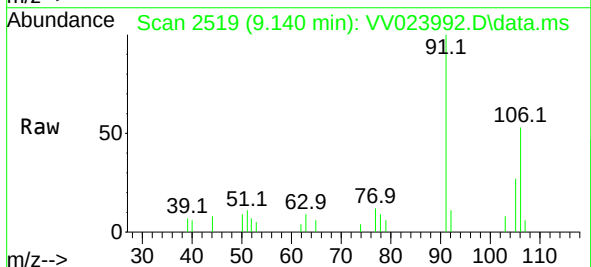
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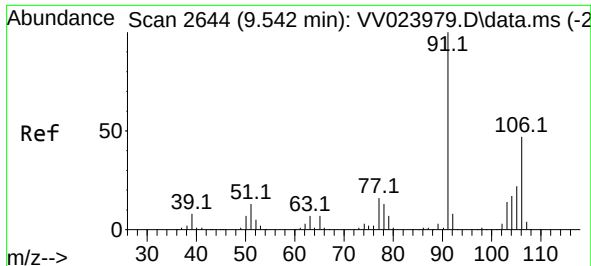
Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/22/2021



#53
m,p-xylene
Concen: 0.213 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023992.D
Acq: 15 Dec 2021 19:38

Tgt Ion:106 Resp: 2901
Ion Ratio Lower Upper
106 100
91 187.4 139.5 259.1





#54
o-xylene
Concen: 0.221 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023992.D
Acq: 15 Dec 2021 19:38

Instrument :
MSVOA_V
ClientSampleId :
BG3E0

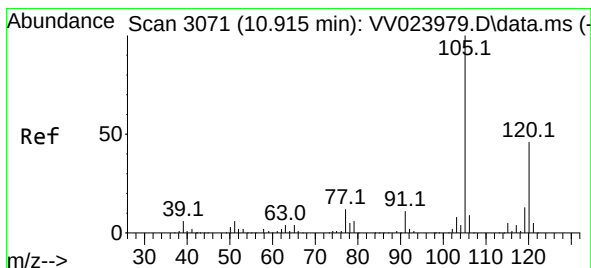
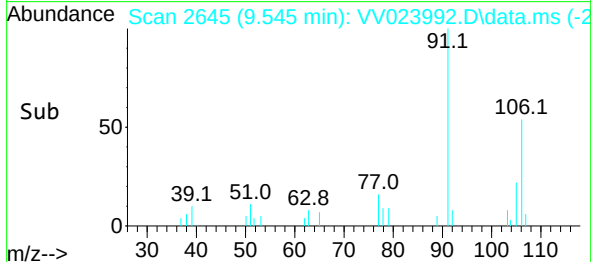
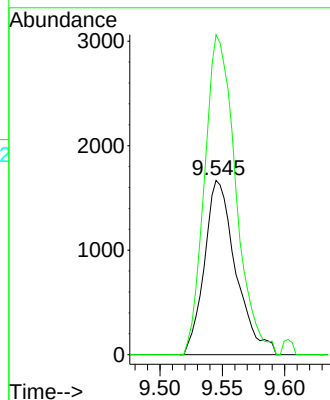
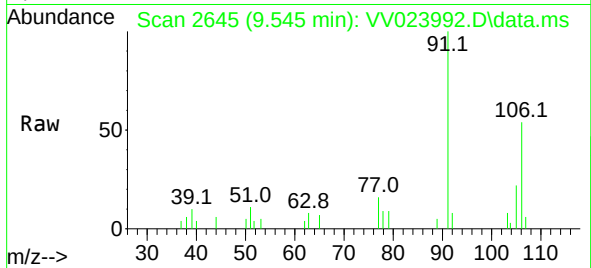
Tgt Ion:106 Resp: 291
Ion Ratio Lower Upper
106 100
91 183.6 147.9 274.7

Manual Integrations
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12/16/2021
Supervised By :Mahesh
Dadoda

12/22/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.228 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023992.D
Acq: 15 Dec 2021 19:38

Tgt Ion:105 Resp: 5514
Ion Ratio Lower Upper
105 100
120 39.2 36.7 55.1

