

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024572.D
 Acq On : 10 Feb 2022 16:52
 Operator : SY/MD
 Sample : N1476-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Semsettin Yesilyurt 02/17/2022

Quant Time: Feb 11 23:55:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.654	114	43	5.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.870	117	737	5.000	ug/L	# 0.02
58) 1,4-Dichlorobenzene-d4	11.255	152	843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69	19.143	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	382.800%#	
7) Chloroethane-d5	1.548	69	76	24.941	ug/L	-0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	498.800%#	
11) 1,1-Dichloroethene-d2	2.111	63	437	55.428	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	1108.600%#	
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range 40 - 130	Recovery	=	0.000%#	
24) Chloroform-d	4.371	84	42	6.621	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	132.400%#	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 130	Recovery	=	0.000%#	
32) Benzene-d6	5.059	84	121	0.579	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	11.600%#	
36) 1,2-Dichloropropane-d6	5.928	67	186	2.860	ug/L	-0.14
Spiked Amount	5.000	Range 60 - 140	Recovery	=	57.200%#	
41) Toluene-d8	7.336	98	360	1.846	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	37.000%#	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range 55 - 130	Recovery	=	0.000%#	
46) 2-Hexanone-d5	8.236	63	228	24.640	ug/L	0.15
Spiked Amount	50.000	Range 45 - 130	Recovery	=	49.280%	
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 65 - 120	Recovery	=	0.000%#	
66) 1,2-Dichlorobenzene-d4	11.635	152	604	4.445	ug/L	0.01
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						Qvalue
13) Acetone	2.201	43	4644m	9834.798	ug/L	
17) Methyl tert-butyl Ether	2.770	73	4308	469.561	ug/L #	87
25) Chloroform	4.384	83	4549	575.353	ug/L	92
33) Benzene	5.114	78	4658	16.194	ug/L	100
34) Trichloroethene	5.924	95	652	8.232	ug/L #	58
42) Toluene	7.394	91	11194	35.725	ug/L	92
47) Tetrachloroethene	7.976	164	162562	3093.706	ug/L	91
52) Ethylbenzene	9.018	91	7031	20.167	ug/L	100
53) m,p-xylene	9.140	106	6147	46.547	ug/L	91
54) o-xylene	9.548	106	2795	21.949	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	9030	13.873	ug/L	98

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

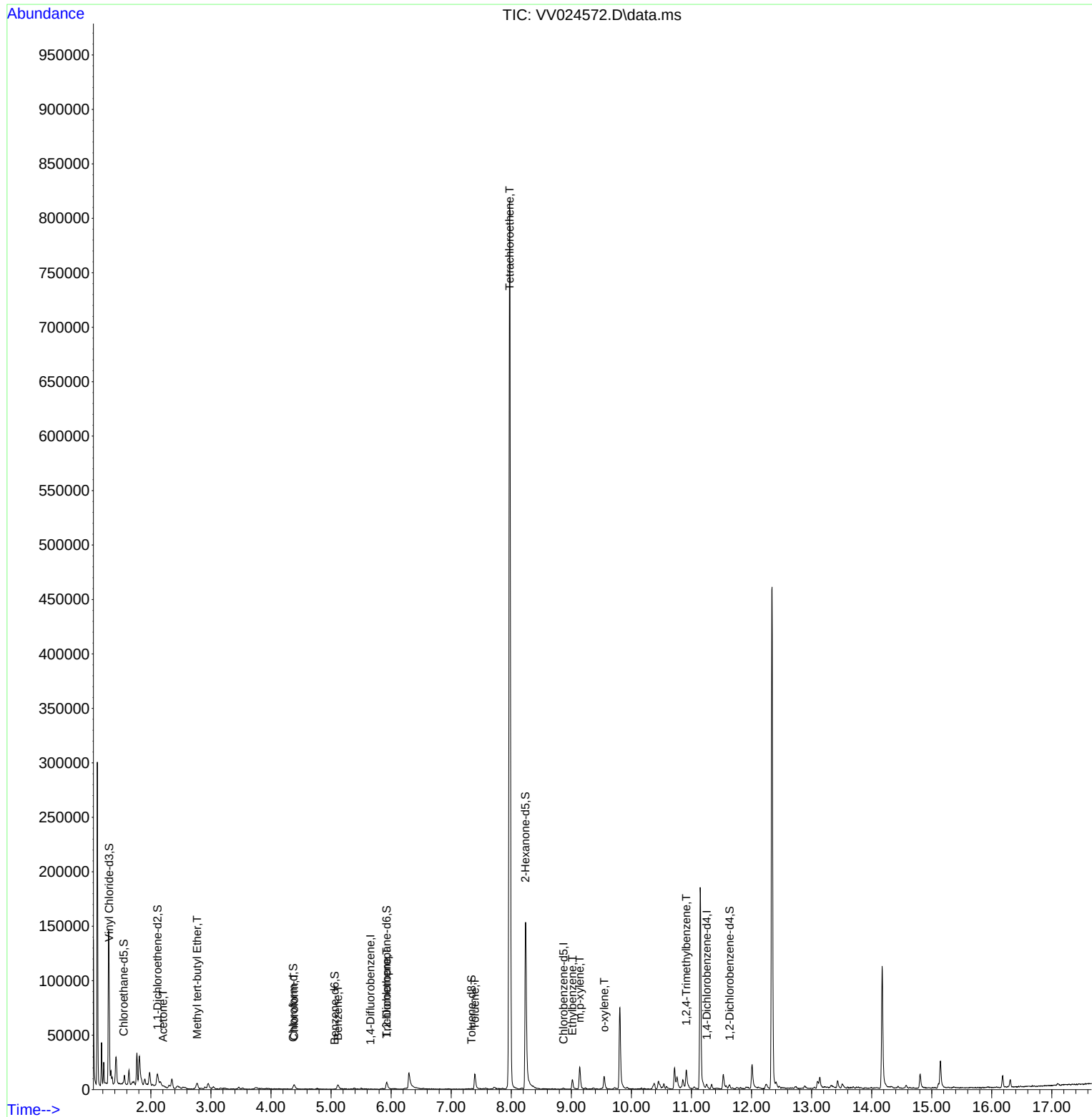
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024572.D
Acq On : 10 Feb 2022 16:52
Operator : SY/MD
Sample : N1476-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

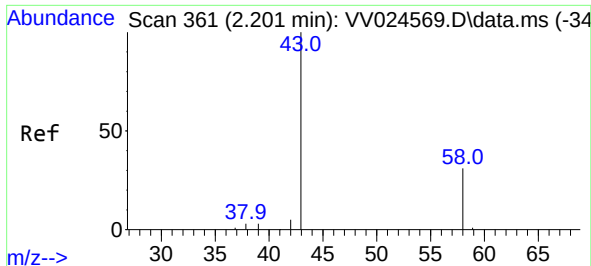
Instrument :
MSVOA_V
ClientSampleId :
BFXZ1

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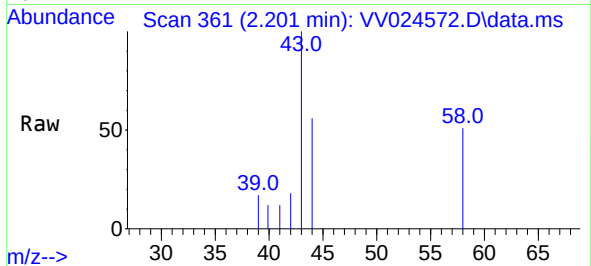
Quant Time: Feb 11 23:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
Response via : Initial Calibration





#13
Acetone
Concen: 9834.798 ug/L m
RT: 2.201 min Scan# 30
Delta R.T. -0.000 min
Lab File: VV024572.D
Acq: 10 Feb 2022 16:52

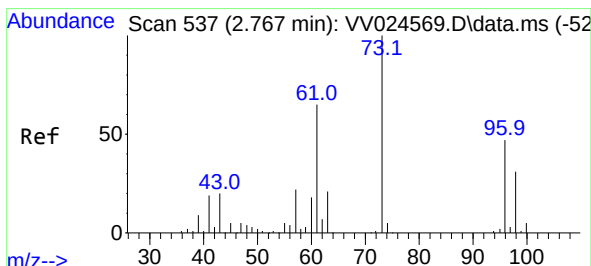
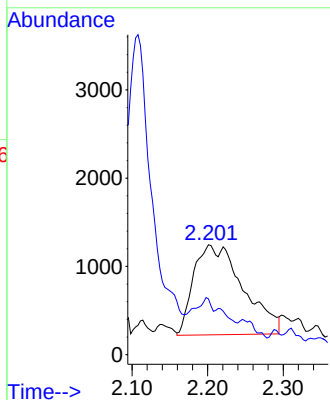
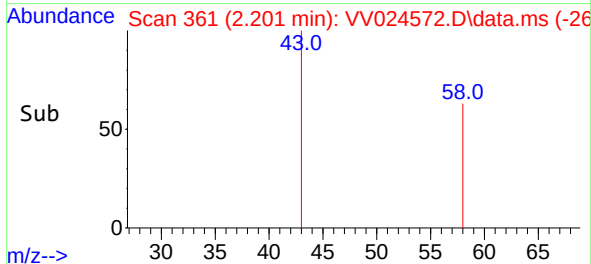
Instrument :
MSVOA_V
ClientSampleId :
BFXZ1



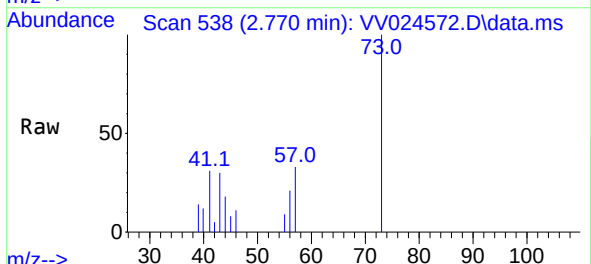
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 6.7 0.0 41.4

Manual Integrations
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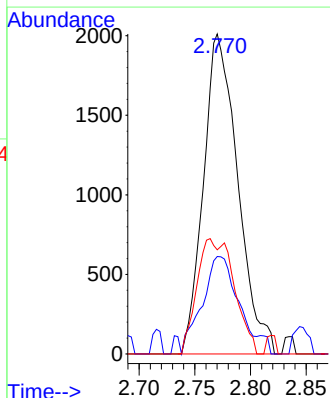
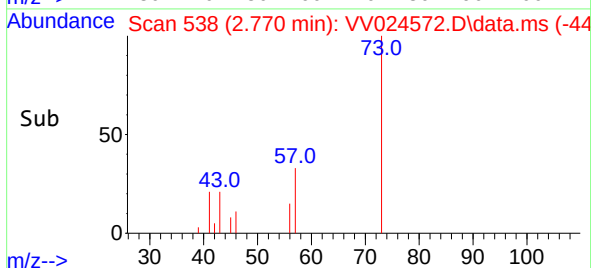
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/17/2022

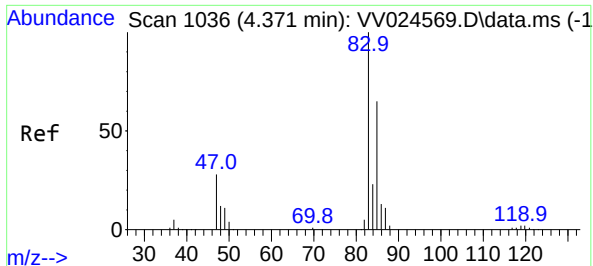


#17
Methyl tert-butyl Ether
Concen: 469.561 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024572.D
Acq: 10 Feb 2022 16:52



Tgt Ion: 73 Resp: 4308
Ion Ratio Lower Upper
73 100
43 31.8 15.5 23.3#
57 21.8 17.1 25.7





#25

Chloroform

Concen: 575.353 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV024572.D

Acq: 10 Feb 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

BFXZ1

Tgt Ion: 83 Resp: 4549

Ion Ratio Lower Upper

83 100

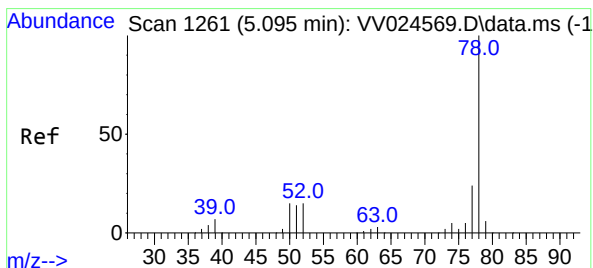
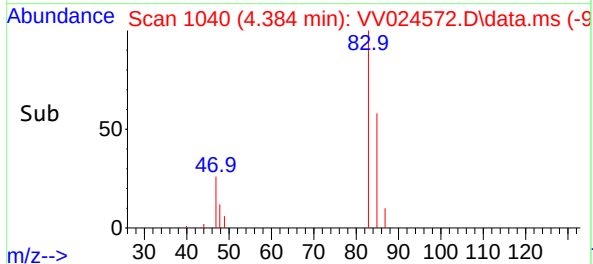
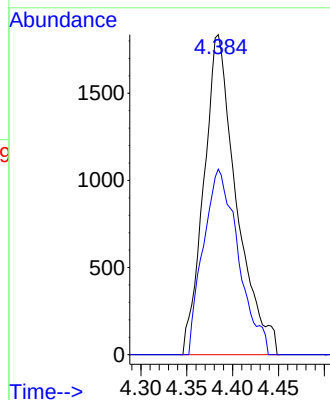
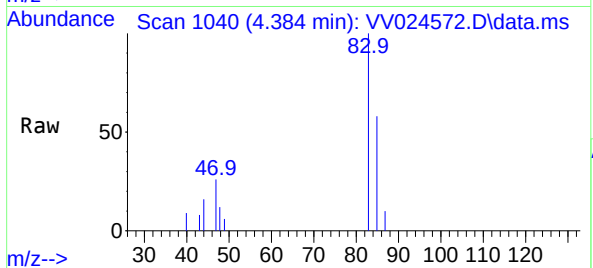
85 58.0 45.2 84.0

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#33

Benzene

Concen: 16.194 ug/L

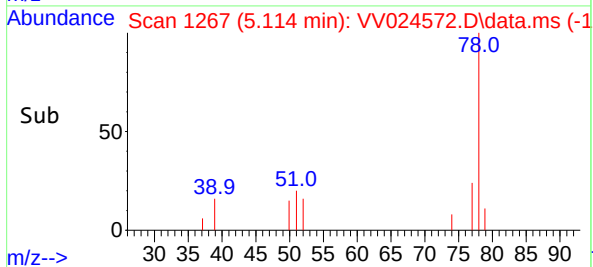
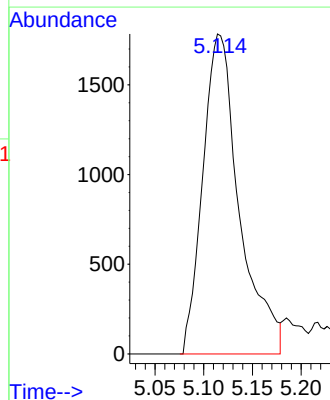
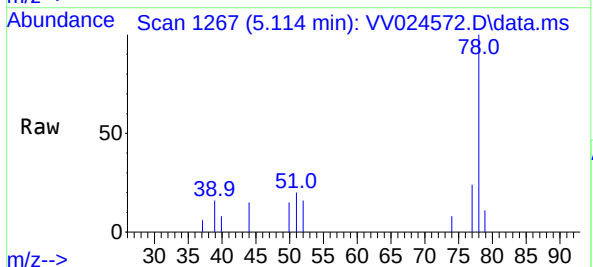
RT: 5.114 min Scan# 1267

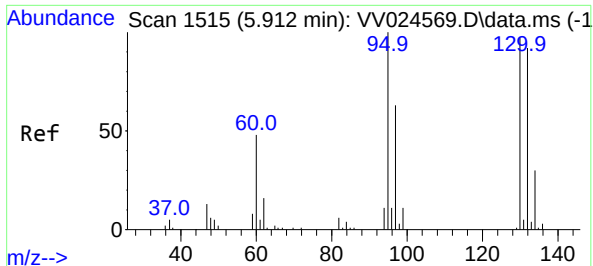
Delta R.T. 0.019 min

Lab File: VV024572.D

Acq: 10 Feb 2022 16:52

Tgt Ion: 78 Resp: 4658





#34

Trichloroethene

Concen: 8.232 ug/L

RT: 5.924 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV024572.D

Acq: 10 Feb 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

BFXZ1

Tgt Ion: 95 Resp: 65

Ion Ratio Lower Upper

95 100

97 56.4 45.2 84.0

132 54.7 76.1 141.3

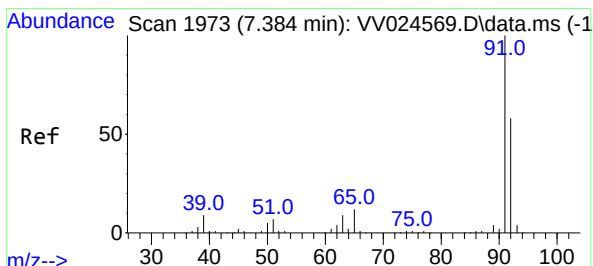
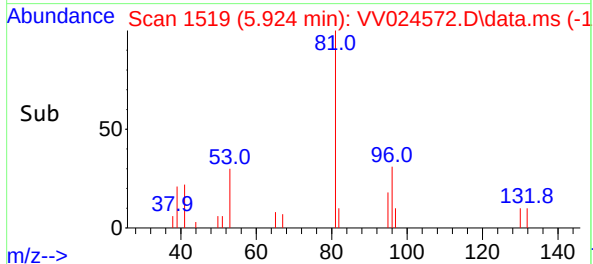
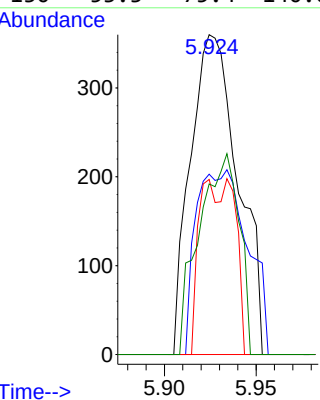
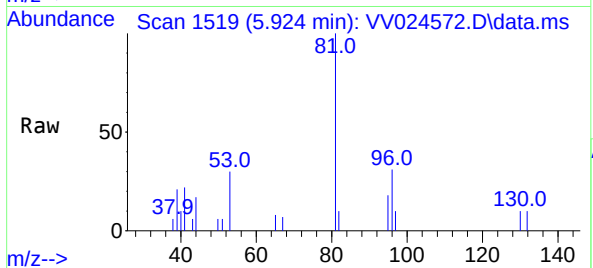
130 53.3 75.4 140.0

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#42

Toluene

Concen: 35.725 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024572.D

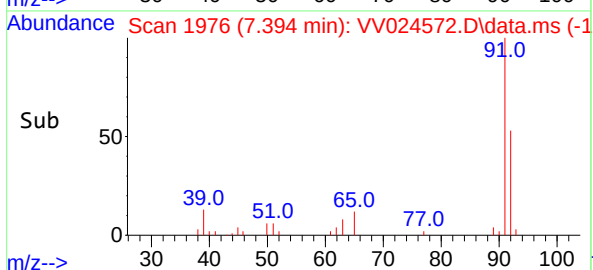
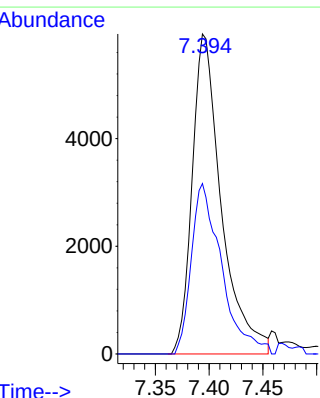
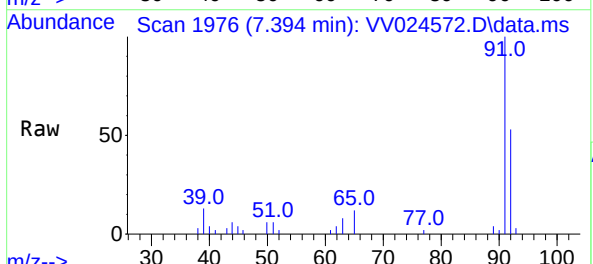
Acq: 10 Feb 2022 16:52

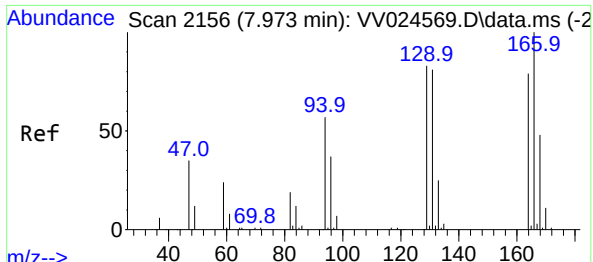
Tgt Ion: 91 Resp: 11194

Ion Ratio Lower Upper

91 100

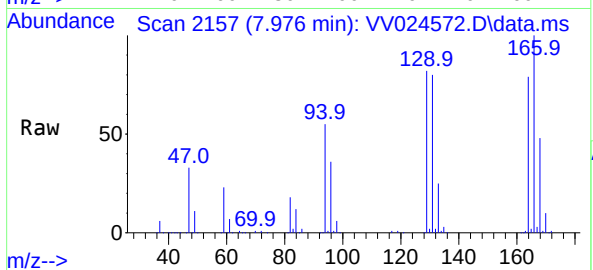
92 53.2 41.5 77.1





#47
Tetrachloroethene
Concen: 3093.706 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV024572.D
Acq: 10 Feb 2022 16:52

Instrument :
MSVOA_V
ClientSampleId :
BFXZ1

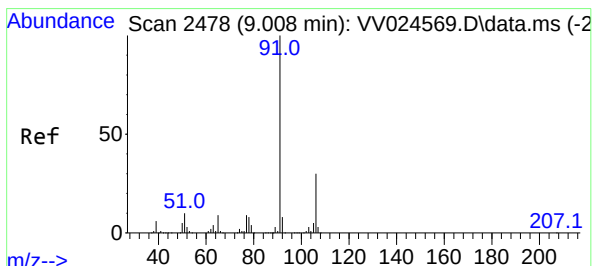
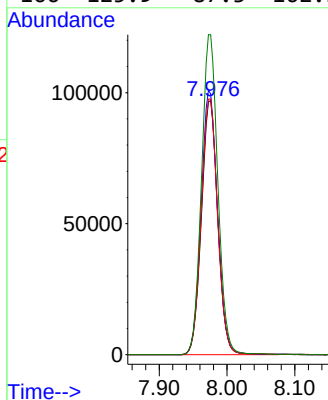
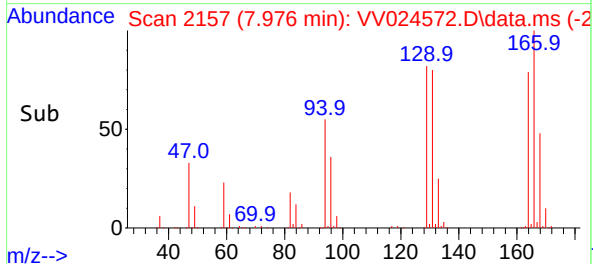


Tgt Ion:164 Resp: 16256

Ion	Ratio	Lower	Upper
164	100		
129	102.6	62.6	116.2
131	100.7	61.0	113.4
166	125.9	87.3	162.1

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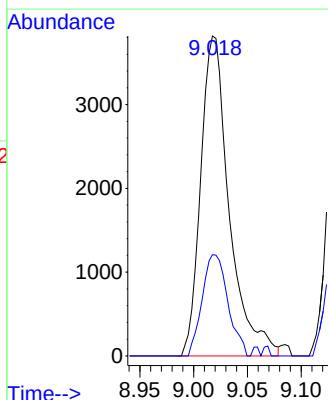
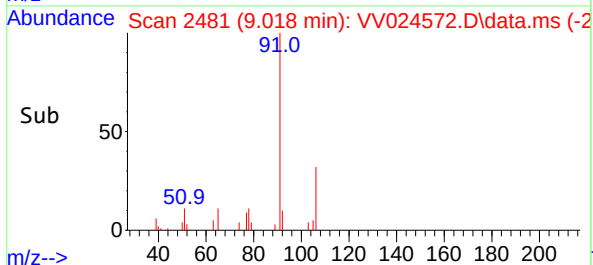
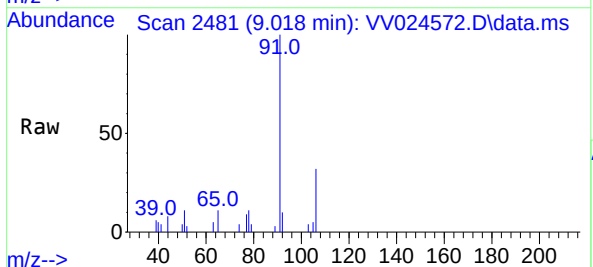
Reviewed By :John Carlone 02/15/2022
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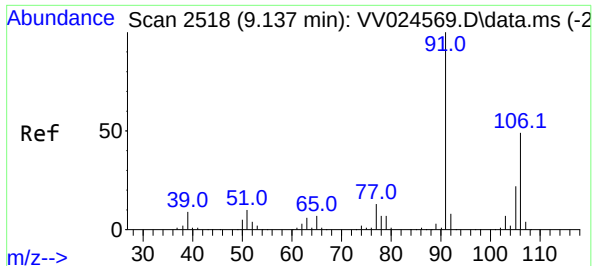


#52
Ethylbenzene
Concen: 20.167 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV024572.D
Acq: 10 Feb 2022 16:52

Tgt Ion: 91 Resp: 7031

Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.0	41.0





#53

m,p-xylene

Concen: 46.547 ug/L

RT: 9.140 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024572.D

Acq: 10 Feb 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

BFXZ1

Tgt Ion:106 Resp: 614

Ion Ratio Lower Upper

106 100

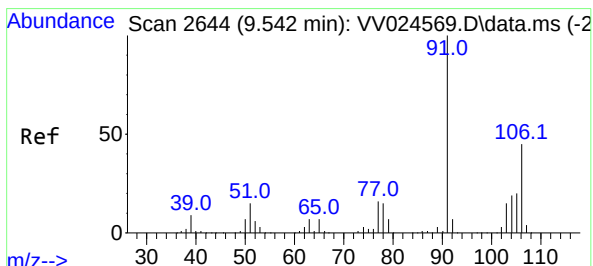
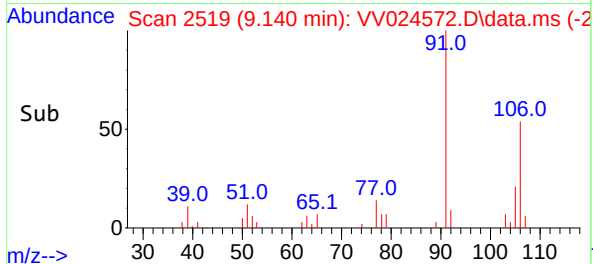
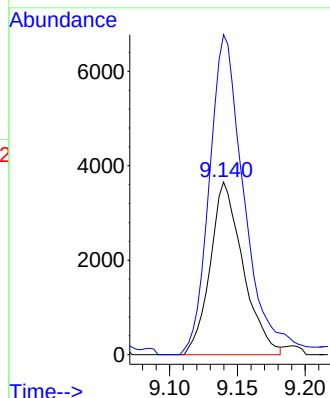
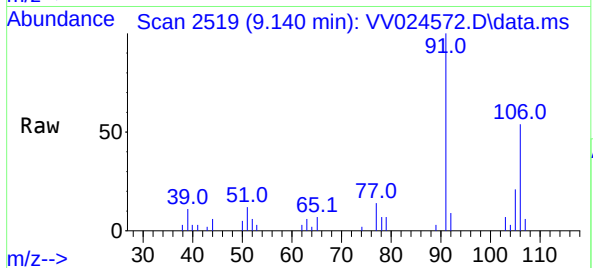
91 185.4 139.5 259.1

Manual Integrations

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#54

o-xylene

Concen: 21.949 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.006 min

Lab File: VV024572.D

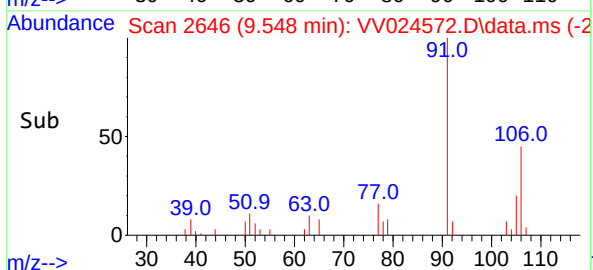
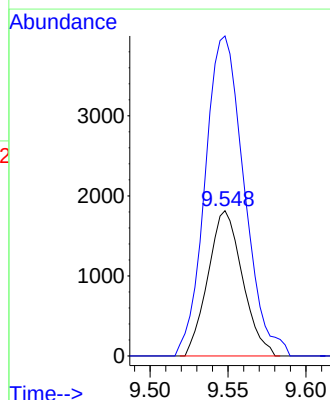
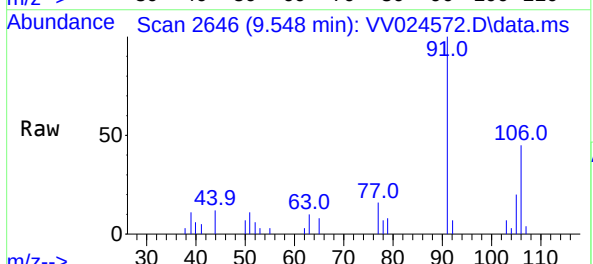
Acq: 10 Feb 2022 16:52

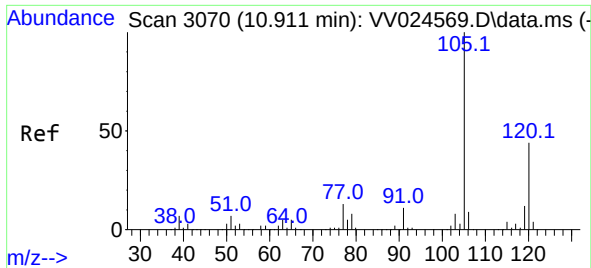
Tgt Ion:106 Resp: 2795

Ion Ratio Lower Upper

106 100

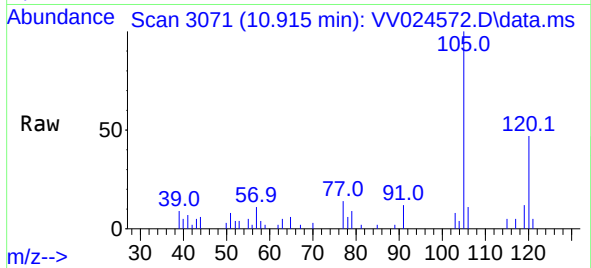
91 220.2 147.9 274.7





#63
 1,2,4-Trimethylbenzene
 Concen: 13.873 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV024572.D
 Acq: 10 Feb 2022 16:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ1



Tgt Ion:105 Resp: 9030
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.7 55.1

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