

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032603.D
 Acq On : 24 Oct 2023 20:31
 Operator : SY/MD
 Sample : 04992-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 25 05:58:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:52:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	101721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24739	2.990	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.800%	
7) Chloroethane-d5	1.532	69	28442	4.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.060	65	10288	2.949	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.000%#	
20) 2-Butanone-d5	3.799	46	107728	51.477	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.960%	
24) Chloroform-d	4.252	84	59705m	4.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
26) 1,2-Dichloroethane-d4	4.947	65	33661	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	4.963	84	106959	3.170	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	63.400%#	
36) 1,2-Dichloropropane-d6	5.992	67	37415	3.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	67.000%	
41) Toluene-d8	7.246	98	90831	2.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	58.800%#	
43) trans-1,3-Dichloroprop...	7.558	79	12942	3.267	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.400%	
46) 2-Hexanone-d5	8.027	63	88986	47.737	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.480%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41939	5.363	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	43729	4.121	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds					Qvalue	
13) Acetone	2.127	43	6735	4.175	ug/L	98
14) Carbon disulfide	2.243	76	2936	0.113	ug/L #	88
25) Chloroform	4.285	83	9897	0.628	ug/L	95
38) Bromodichloromethane	6.442	83	1346	0.105	ug/L #	89
49) Dibromochloromethane	8.185	129	1056	0.133	ug/L	76
52) Ethylbenzene	8.956	91	2867	0.060	ug/L #	79
53) m,p-Xylene	9.085	106	1585	0.089	ug/L	84
60) Isopropylbenzene	9.870	105	8739	0.197	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.480	105	11486	0.317	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	12017	0.333	ug/L	100

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

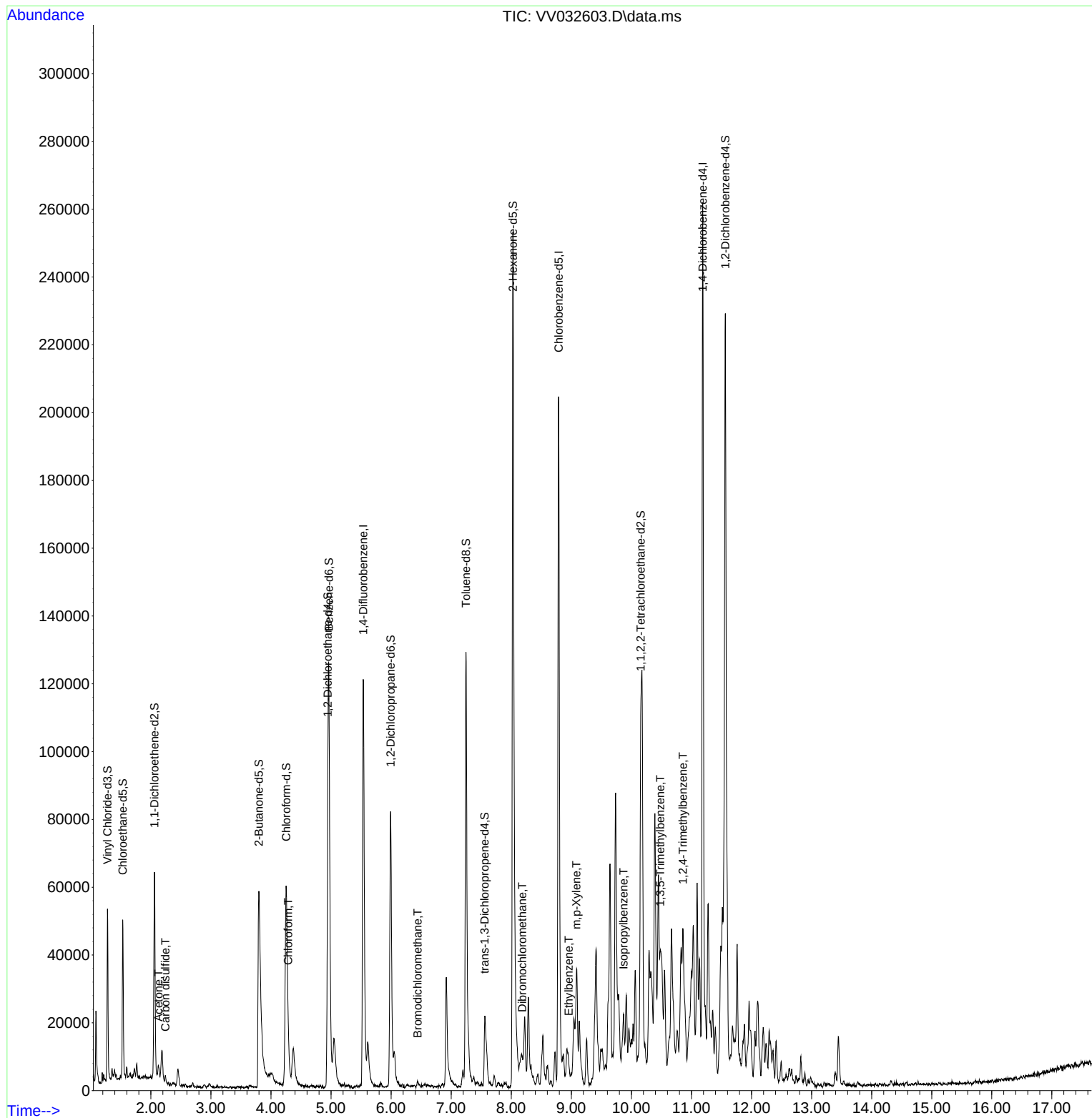
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032603.D
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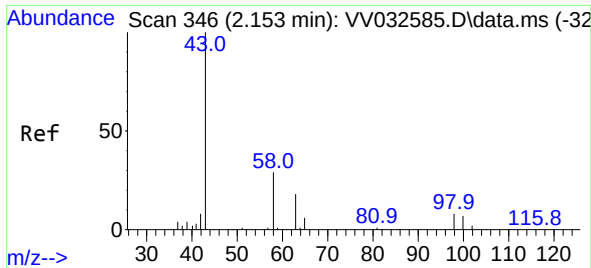
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.175 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

Instrument :

MSVOA_V

ClientSampleId :

C0AK6

Tgt Ion: 43 Resp: 673

Ion Ratio Lower Upper

43 100

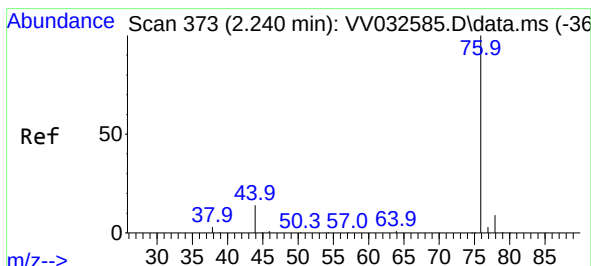
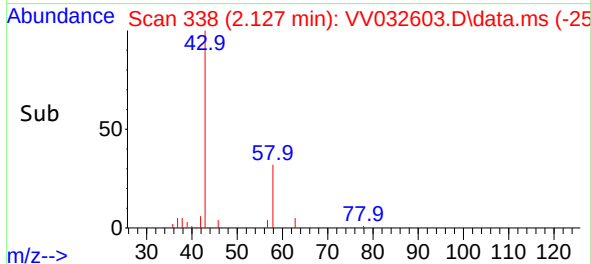
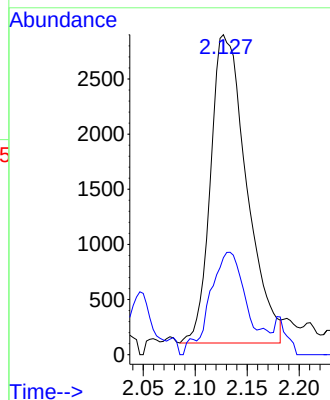
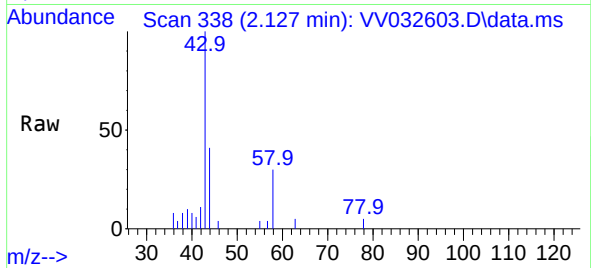
58 34.3 0.0 66.0

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#14

Carbon disulfide

Concen: 0.113 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032603.D

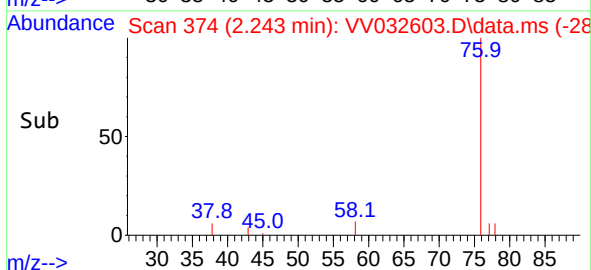
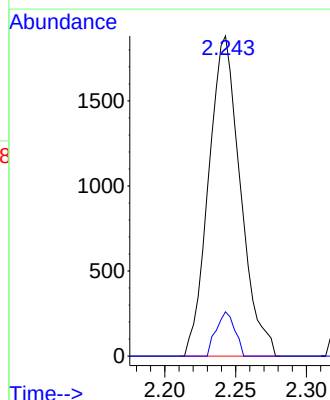
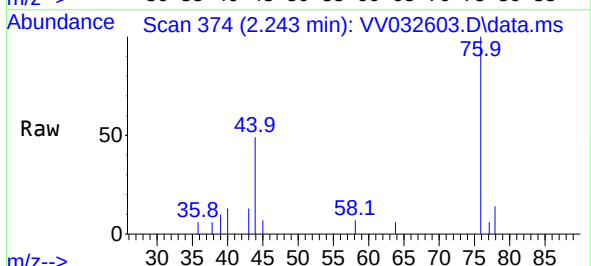
Acq: 24 Oct 2023 20:31

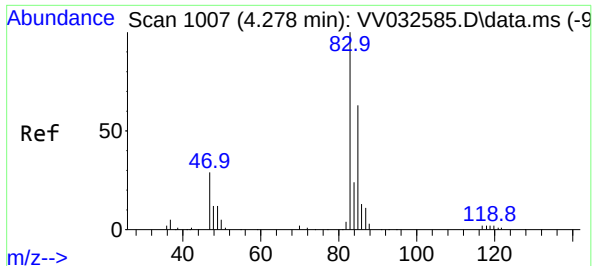
Tgt Ion: 76 Resp: 2936

Ion Ratio Lower Upper

76 100

78 13.8 7.4 11.2#





#25

Chloroform

Concen: 0.628 ug/L

RT: 4.285 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

Instrument :

MSVOA_V

ClientSampleId :

C0AK6

Tgt Ion: 83 Resp: 989

Ion Ratio Lower Upper

83 100

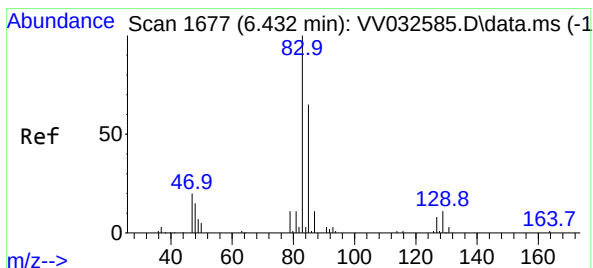
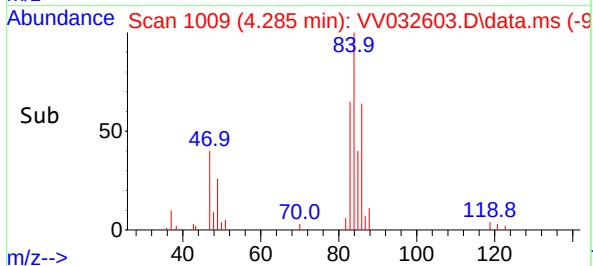
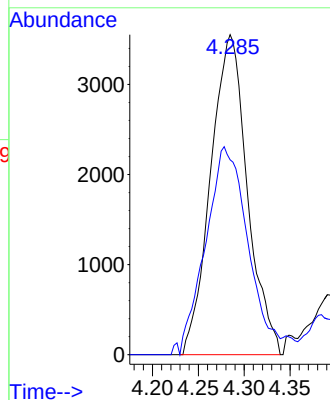
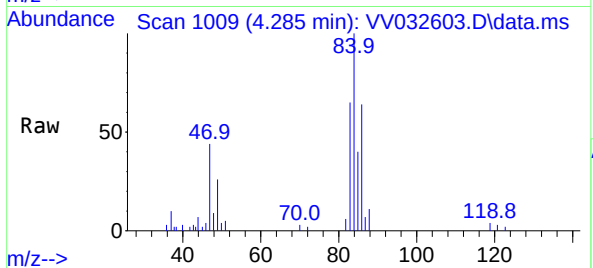
85 60.9 45.4 84.4

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#38

Bromodichloromethane

Concen: 0.105 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV032603.D

Acq: 24 Oct 2023 20:31

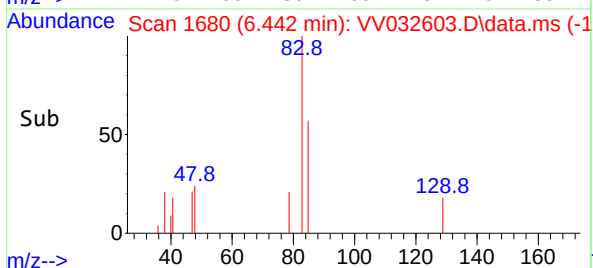
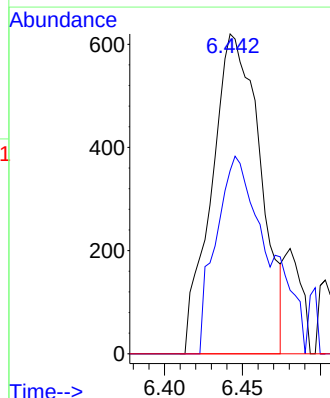
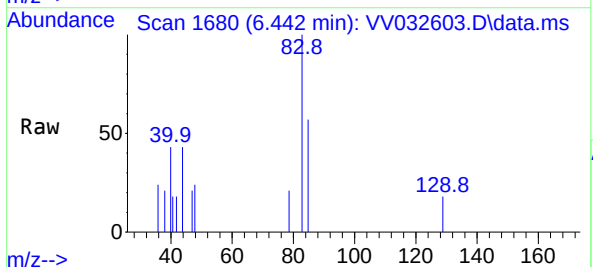
Tgt Ion: 83 Resp: 1346

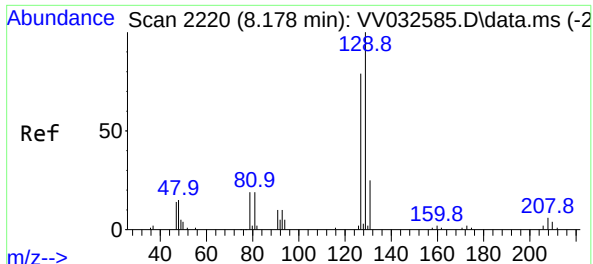
Ion Ratio Lower Upper

83 100

85 57.3 44.9 83.3

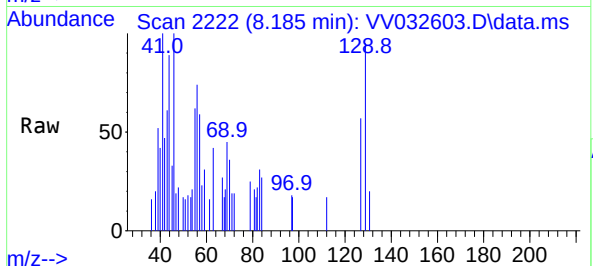
127 0.0 6.9 10.3#





#49
Dibromochloromethane
Concen: 0.133 ug/L
RT: 8.185 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

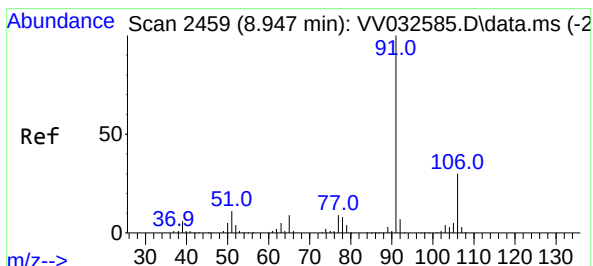
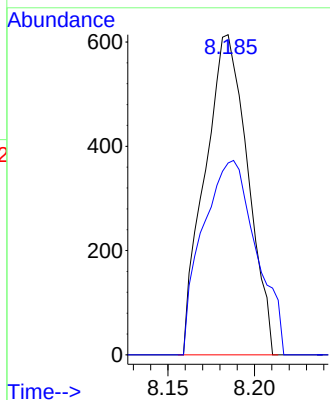
Instrument :
MSVOA_V
ClientSampleId :
C0AK6



Tgt Ion:129 Resp: 1050
Ion Ratio Lower Upper
129 100
127 59.9 57.2 106.2

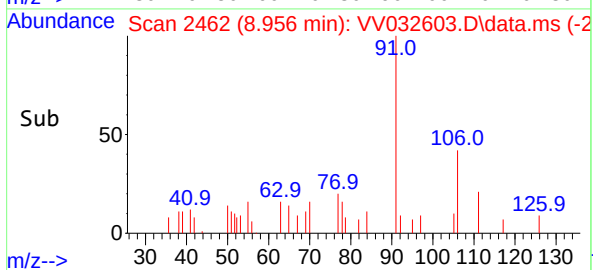
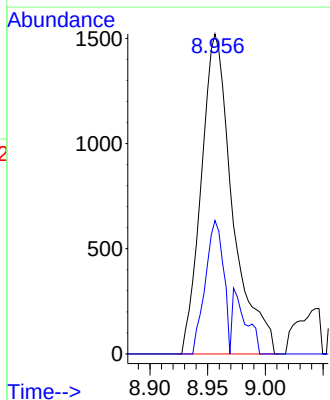
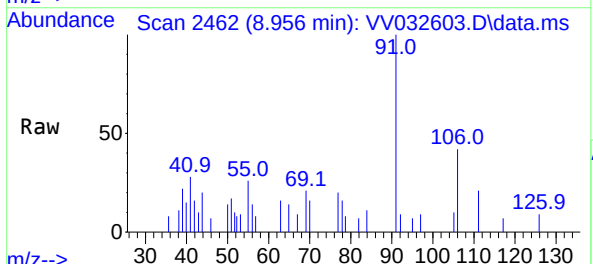
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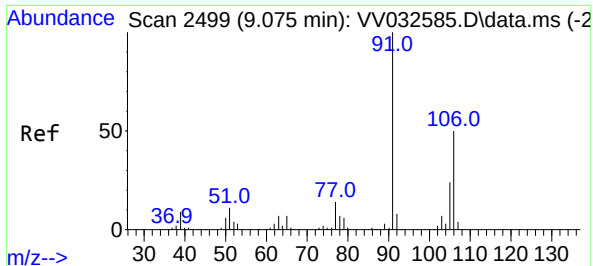
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Ethylbenzene
Concen: 0.060 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

Tgt Ion: 91 Resp: 2867
Ion Ratio Lower Upper
91 100
106 41.7 21.3 39.5#





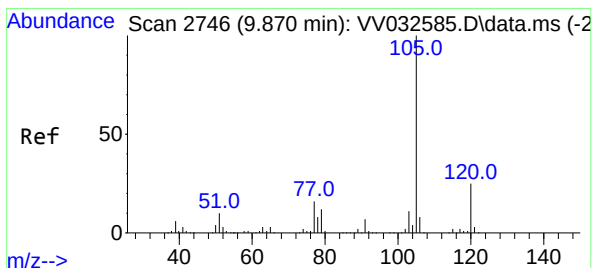
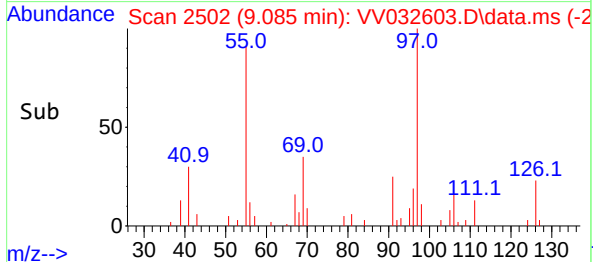
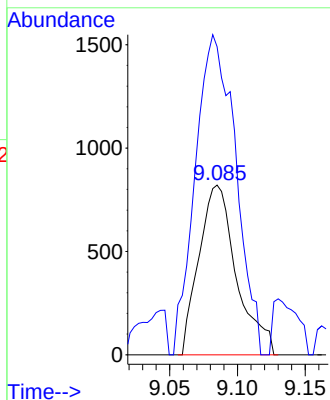
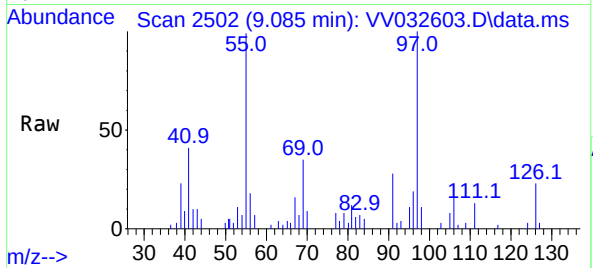
#53
m,p-Xylene
Concen: 0.089 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

Instrument :
MSVOA_V
Client SampleId :
C0AK6

Tgt Ion:106 Resp: 158
Ion Ratio Lower Upper
106 100
91 181.6 144.5 268.3

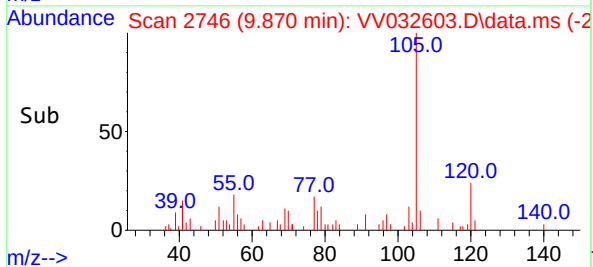
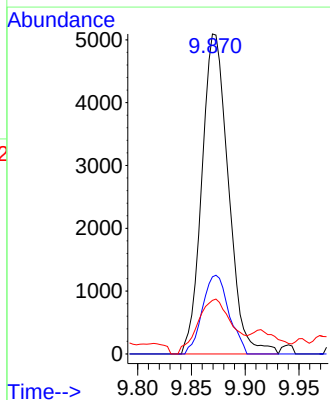
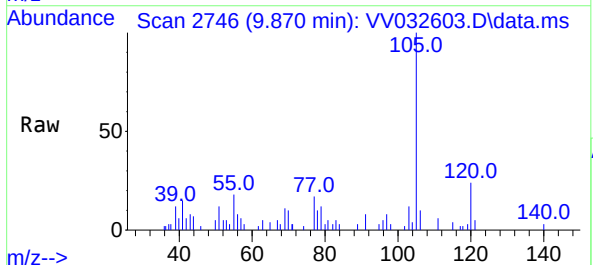
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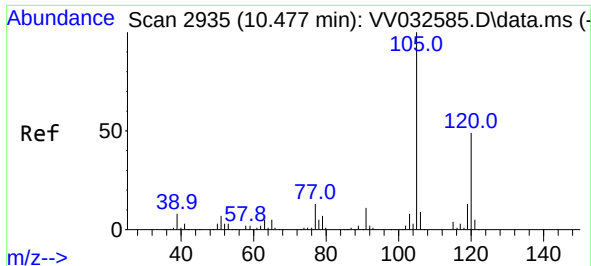
Reviewed By :John Carlone 10/25/2023
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#60
Isopropylbenzene
Concen: 0.197 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

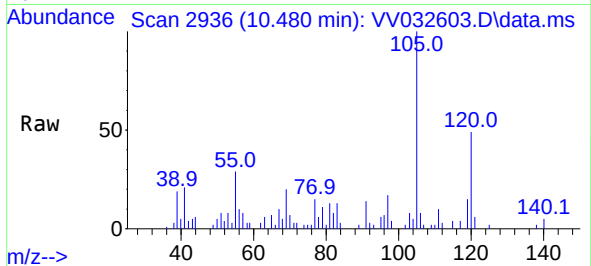
Tgt Ion:105 Resp: 8739
Ion Ratio Lower Upper
105 100
120 24.5 21.0 31.6
77 22.2 12.6 19.0#





#62
1,3,5-Trimethylbenzene
Concen: 0.317 ug/L
RT: 10.480 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31

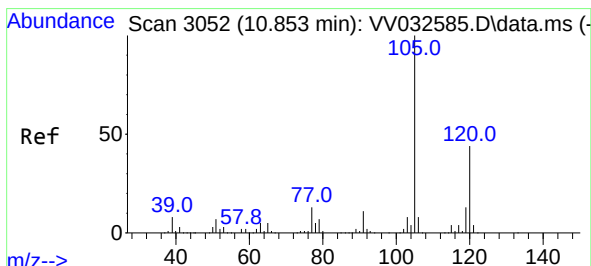
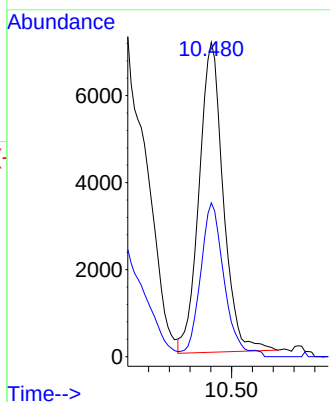
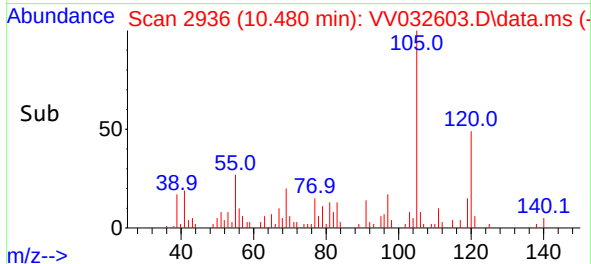
Instrument :
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C0AK6



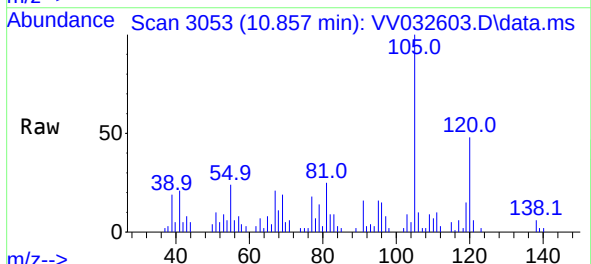
Tgt Ion:105 Resp: 11480
Ion Ratio Lower Upper
105 100
120 48.9 39.9 59.9

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#63
1,2,4-Trimethylbenzene
Concen: 0.333 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032603.D
Acq: 24 Oct 2023 20:31



Tgt Ion:105 Resp: 12017
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4

