

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038248.D
 Acq On : 30 Dec 2021 1:11
 Operator : SY/AP
 Sample : M5252-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 30 06:20:56 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 17:47:08 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.671	49	685461	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		7.176	114	1692027	10.000	ppbv	0.00
55) Chlorobenzene-d5		12.086	117	1428015	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		14.417	95	1134562	10.310	ppbv	0.00
Spiked Amount		10.000	Range 65 - 135		Recovery	= 103.100%	
Target Compounds							
							Qvalue
9) Propene		3.034	41	14940	0.299	ppbv	87
13) Ethanol		3.604	45	1083415	127.773	ppbv #	100
15) Acetone		3.858	43	629974	9.157	ppbv	95
19) Isopropyl Alcohol		3.973	45	450029	10.488	ppbv #	39
20) Methylene Chloride		4.353	84	52983	1.364	ppbv #	84
26) Hexane		5.690	57	41614	0.445	ppbv #	53
38) Trichloroethene		7.838	130	29905	0.498	ppbv	95
52) Tetrachloroethene		11.224	164	15044m	0.258	ppbv	
59) m/p-Xylene		12.963	91	39103m	0.206	ppbv	

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

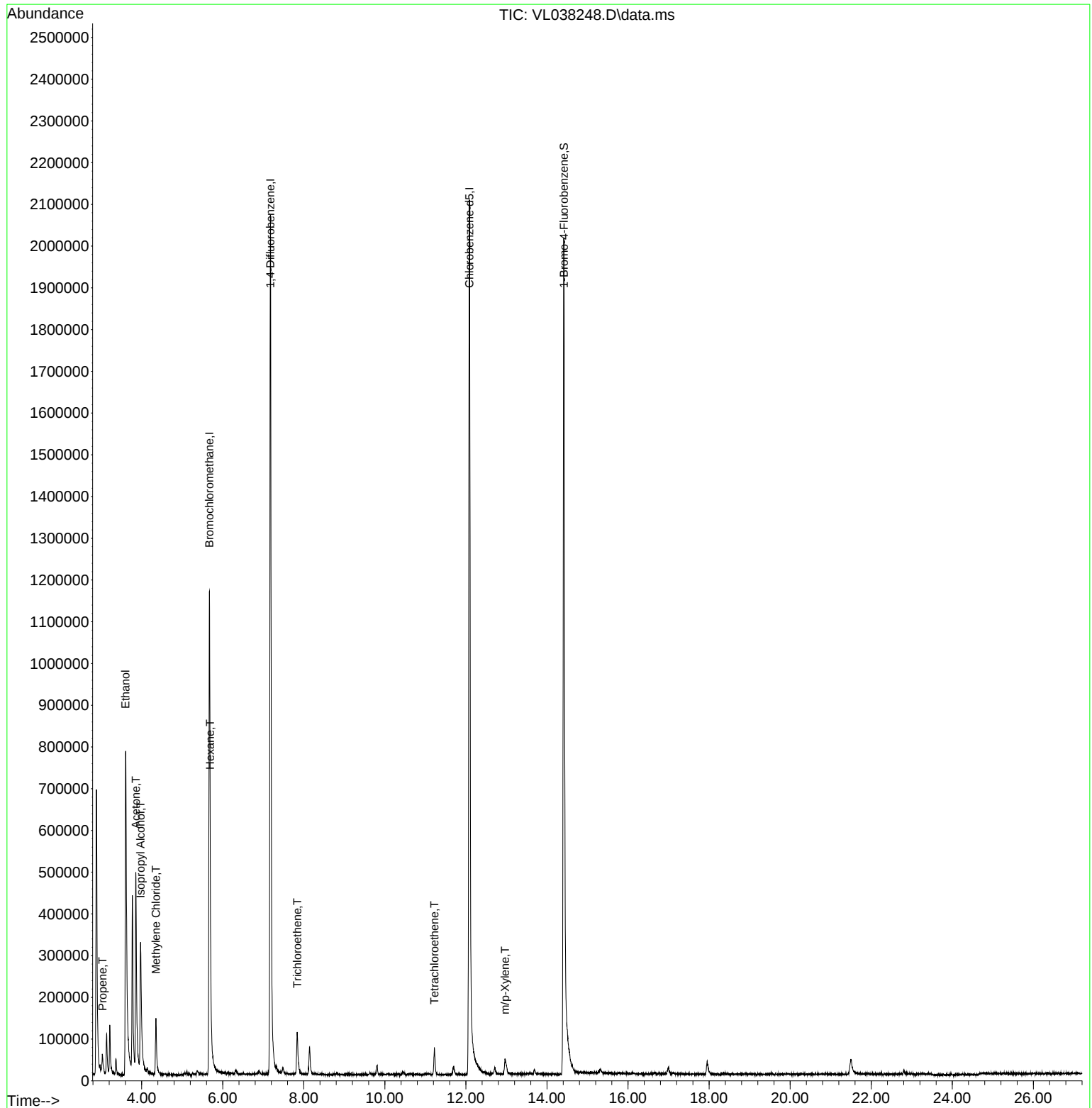
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
Data File : VL038248.D
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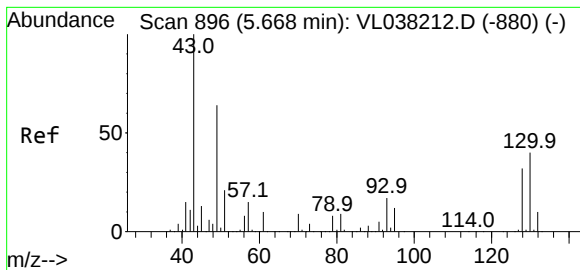
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Quant Time: Dec 30 06:20:56 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

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Supervised By :Semsettin Yesilyurt 01/02/2022





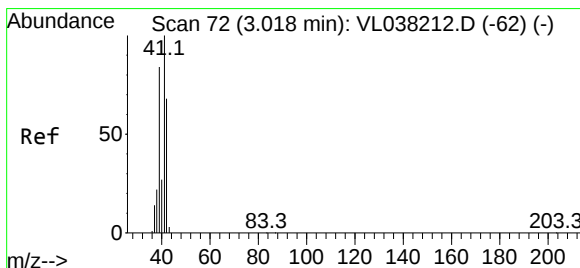
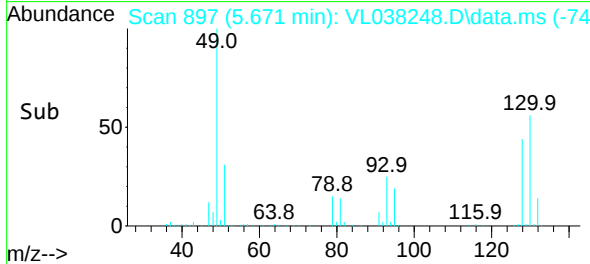
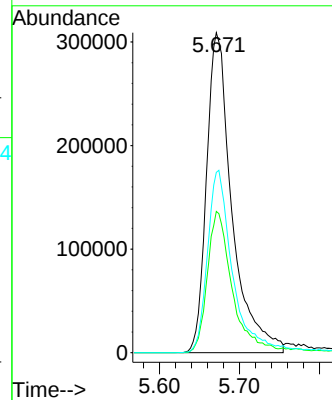
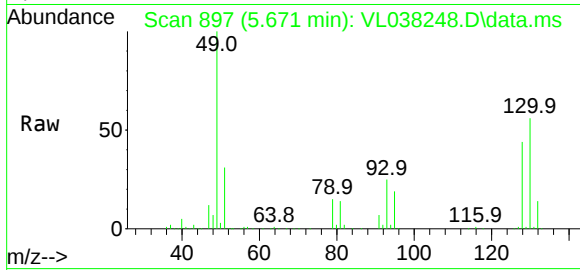
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 896
Delta R.T. 0.003 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 49 Resp: 68546
Ion Ratio Lower Upper
49 100
128 45.0 26.9 80.6
130 58.2 32.3 96.9

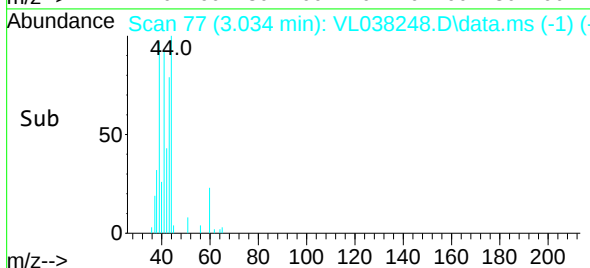
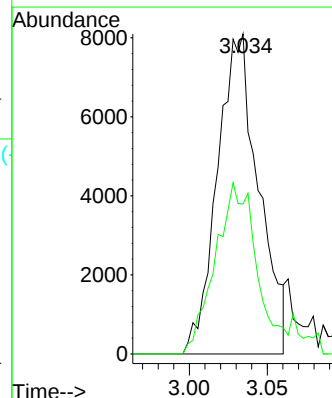
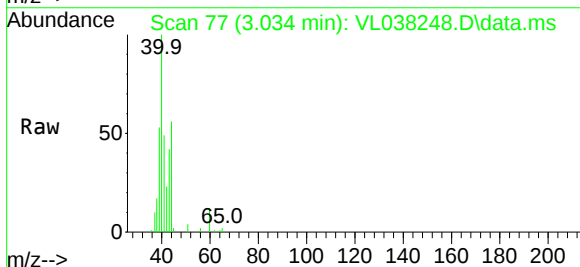
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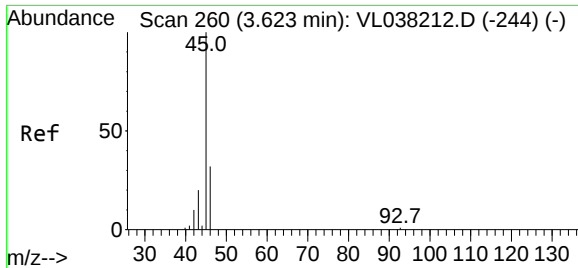
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#9
Propene
Concen: 0.299 ppbv
RT: 3.034 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

Tgt Ion: 41 Resp: 14940
Ion Ratio Lower Upper
41 100
42 58.9 55.5 83.3





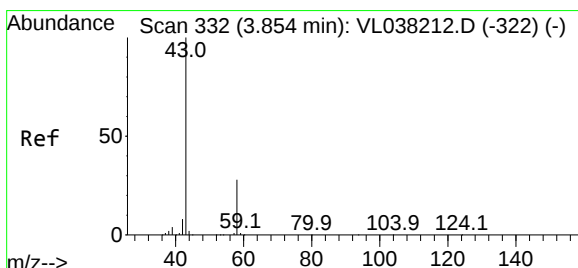
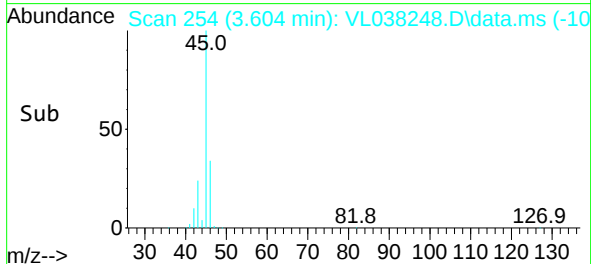
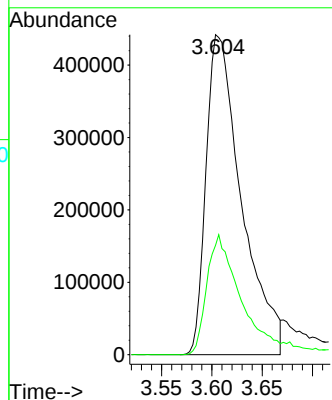
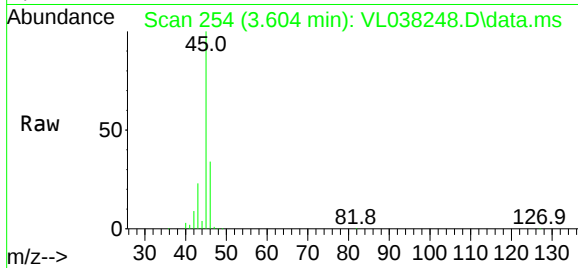
#13
Ethanol
Concen: 127.773 ppbv
RT: 3.604 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 45 Resp: 108341
Ion Ratio Lower Upper
45 100
46 40.4 0.0 0.0

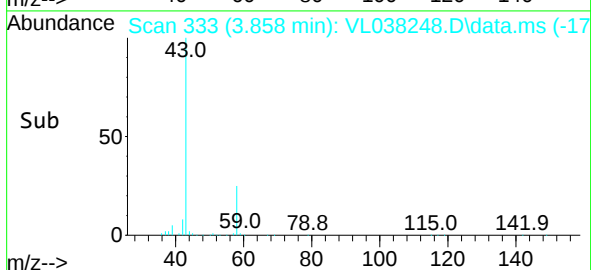
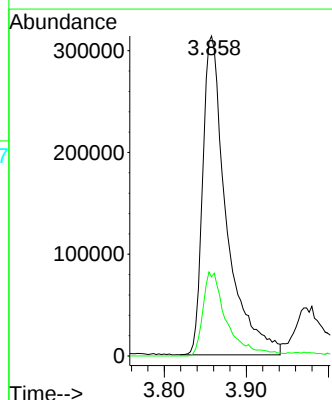
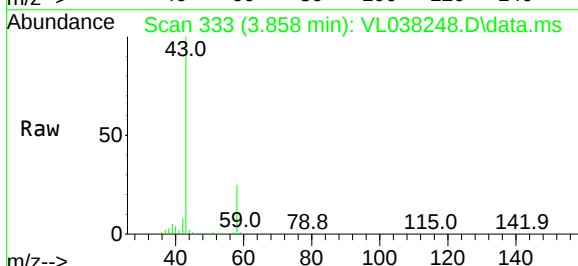
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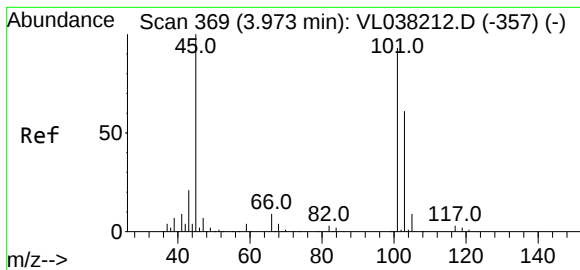
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#15
Acetone
Concen: 9.157 ppbv
RT: 3.858 min Scan# 333
Delta R.T. 0.003 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

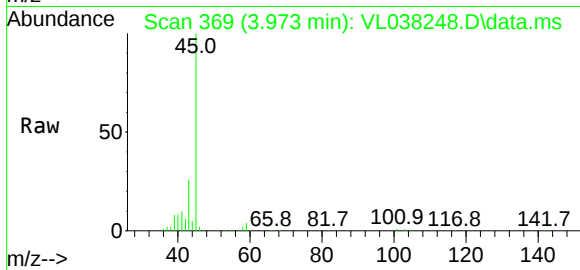
Tgt Ion: 43 Resp: 629974
Ion Ratio Lower Upper
43 100
58 26.6 23.3 34.9





#19
Isopropyl Alcohol
Concen: 10.488 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

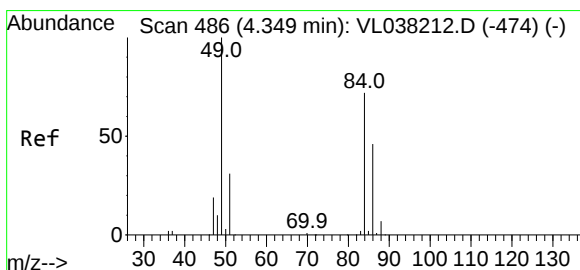
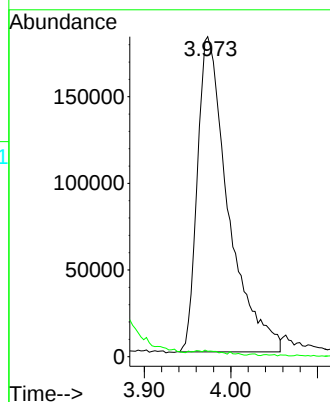
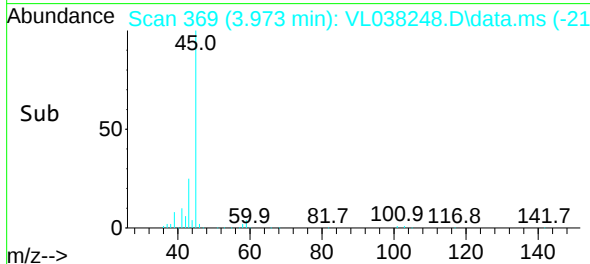
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



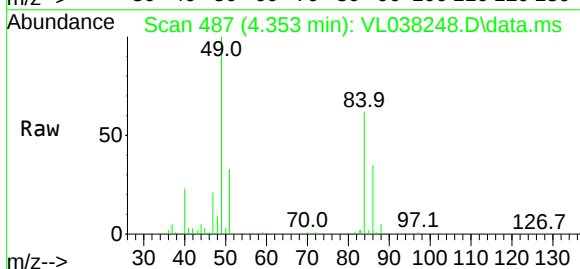
Tgt Ion: 45 Resp: 450029
Ion Ratio Lower Upper
45 100
58 2.3 32.4 48.6

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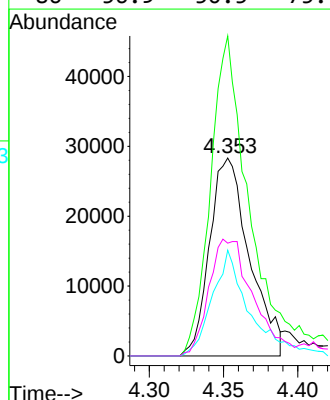
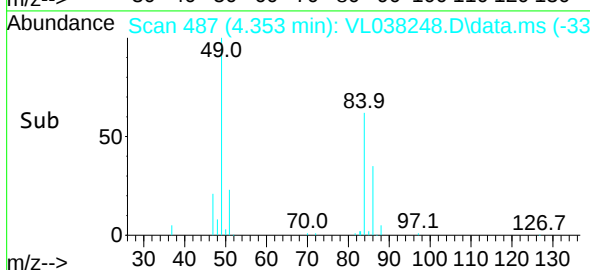
Reviewed By :Amit Patel 12/30/2021
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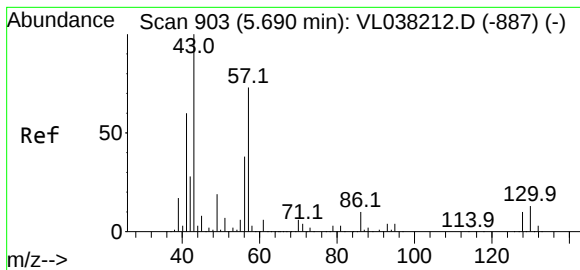


#20
Methylene Chloride
Concen: 1.364 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.003 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11



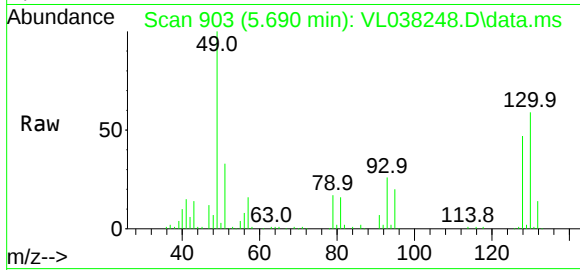
Tgt Ion: 84 Resp: 52983
Ion Ratio Lower Upper
84 100
49 161.6 110.6 166.0
51 53.4 34.2 51.2#
86 56.9 50.5 75.7





#26
Hexane
Concen: 0.445 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.000 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

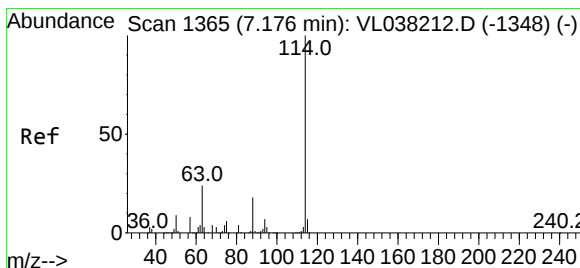
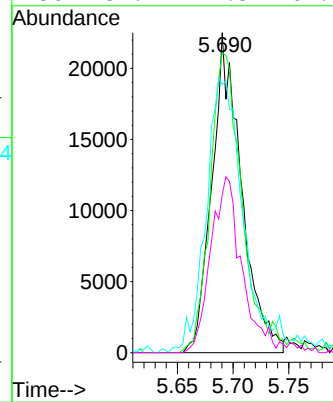
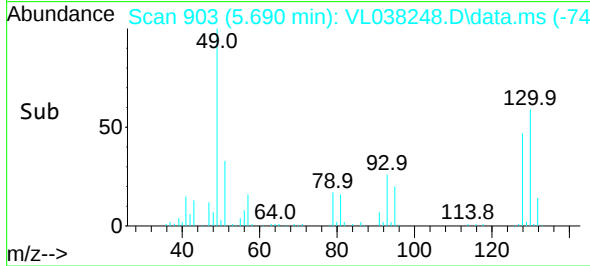
Instrument :
MSVOA_L
Client Sample Id :
IA-2DL



Tgt Ion: 57 Resp: 41614
Ion Ratio Lower Upper
57 100
41 103.7 69.0 103.6
43 108.9 171.2 256.8
56 59.4 41.5 62.3

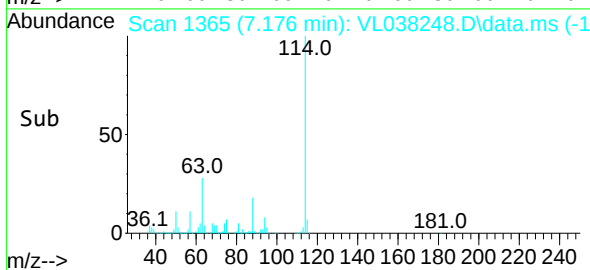
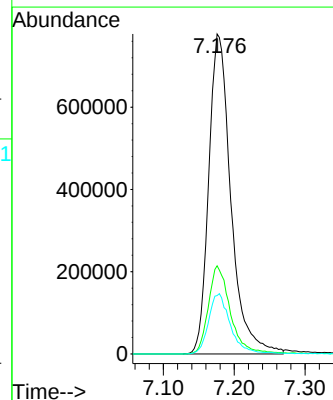
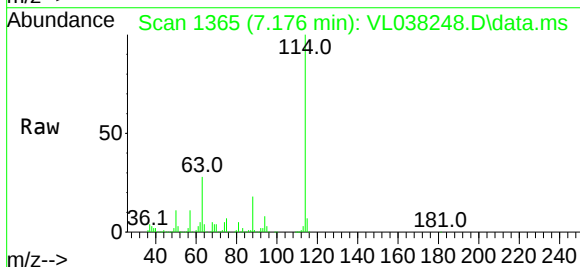
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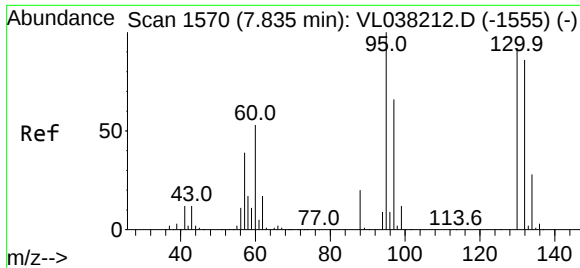
Reviewed By :Amit Patel 12/30/2021
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

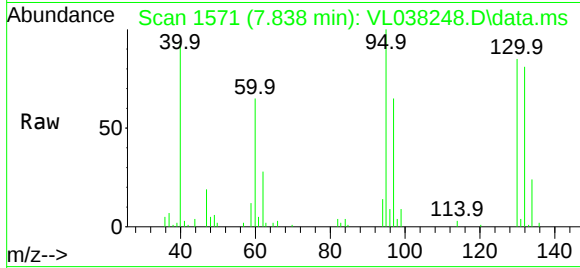
Tgt Ion:114 Resp: 1692027
Ion Ratio Lower Upper
114 100
63 27.7 19.7 29.5
88 18.9 14.3 21.5





#38
Trichloroethene
Concen: 0.498 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

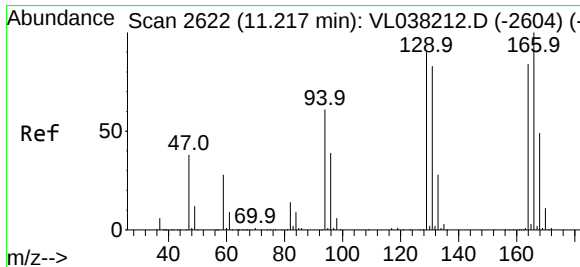
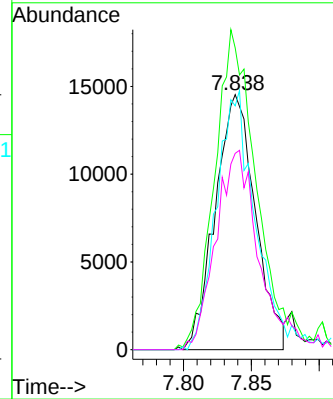
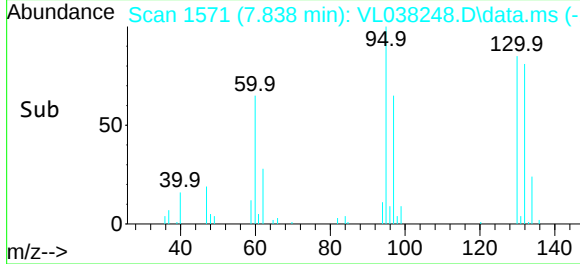


Tgt Ion:130 Resp: 2990

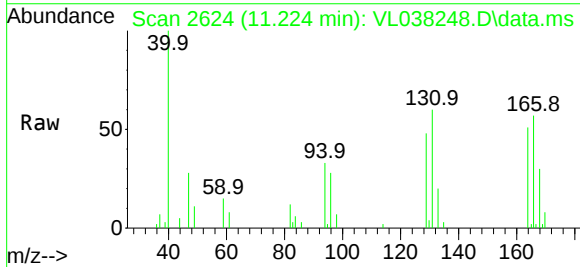
Ion	Ratio	Lower	Upper
130	100		
95	117.3	87.0	130.4
132	94.4	75.1	112.7
97	77.0	57.0	85.4

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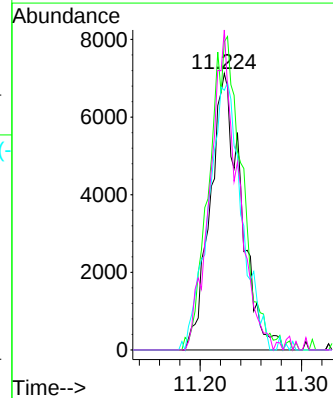
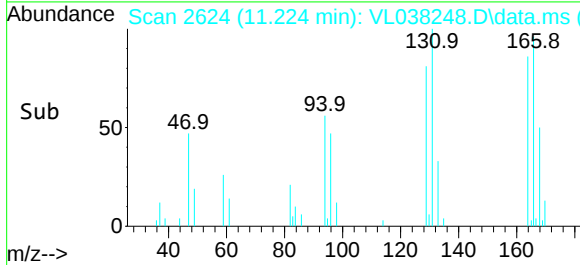


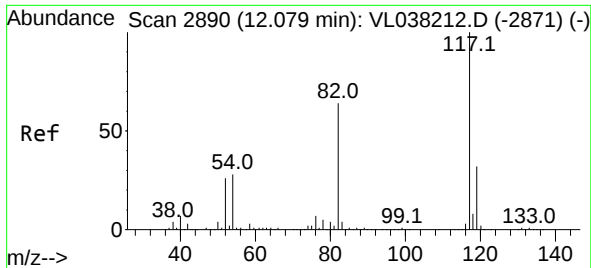
#52
Tetrachloroethene
Concen: 0.258 ppbv m
RT: 11.224 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VL038248.D
Acq: 30 Dec 2021 1:11



Tgt Ion:164 Resp: 15044

Ion	Ratio	Lower	Upper
164	100		
166	111.5	95.6	143.4
129	93.9	85.8	128.8
131	115.8	79.3	118.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.086 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL038248.D

Acq: 30 Dec 2021 1:11

Instrument :

MSVOA_L

ClientSampleId :

IA-2DL

Tgt Ion:117 Resp: 142801

Ion Ratio Lower Upper

117 100

82 72.8 53.3 79.9

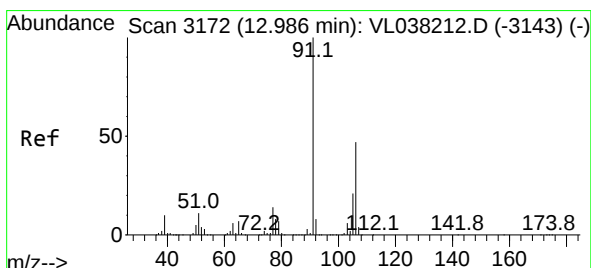
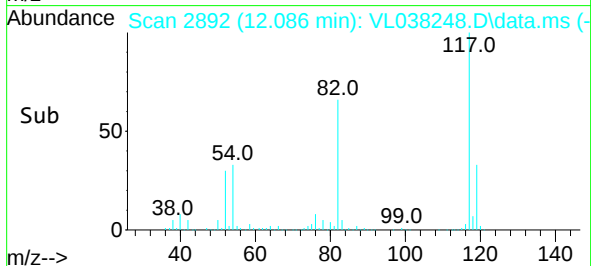
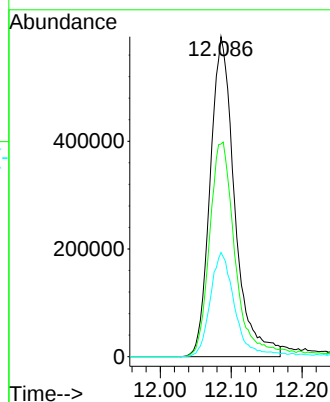
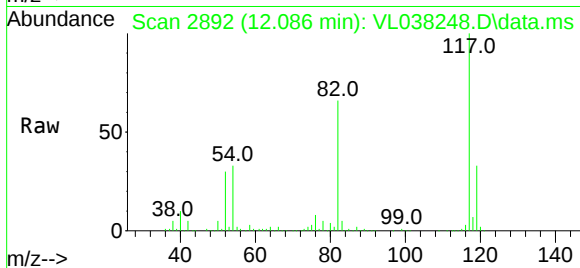
119 33.8 25.5 38.3

Manual Integrations

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#59

m/p-Xylene

Concen: 0.206 ppbv m

RT: 12.963 min Scan# 3165

Delta R.T. -0.023 min

Lab File: VL038248.D

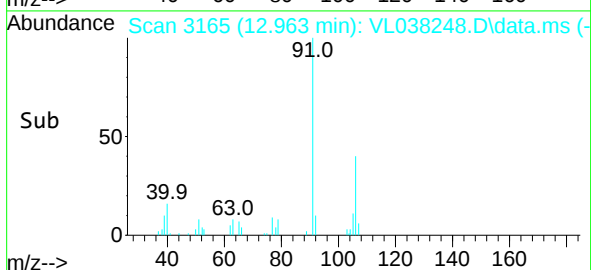
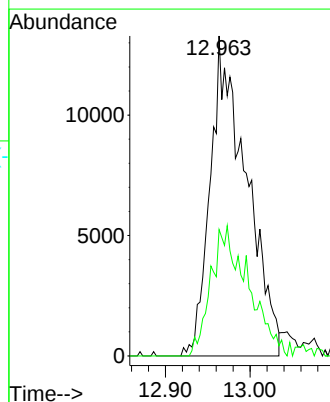
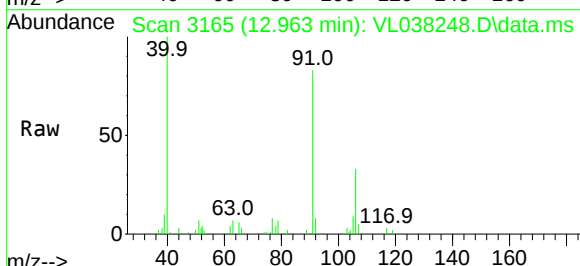
Acq: 30 Dec 2021 1:11

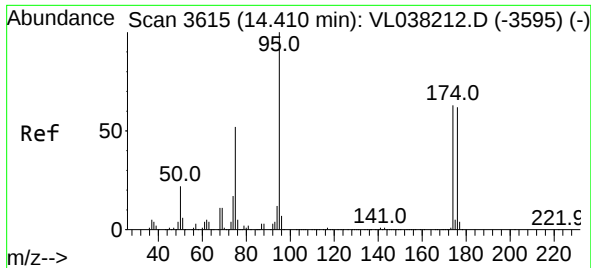
Tgt Ion: 91 Resp: 39103

Ion Ratio Lower Upper

91 100

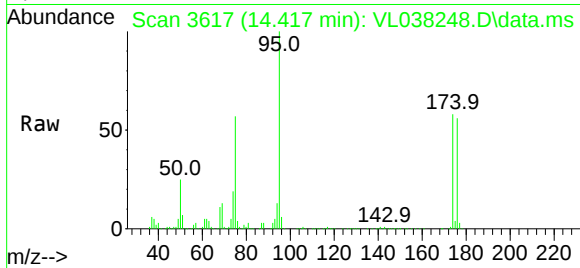
106 0.0 36.9 55.3#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.310 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL038248.D
 Acq: 30 Dec 2021 1:11

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL



Tgt Ion: 95 Resp: 1134562
 Ion Ratio Lower Upper
 95 100
 174 61.3 54.6 81.8
 175 4.6 4.1 6.1

Manual Integrations
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