

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037949.D
 Acq On : 1 Nov 2021 22:13
 Operator : SY/AP
 Sample : M4426-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 02 06:08:10 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 02 06:08:10 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	1501135	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.159	114	4340747	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	3812019	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2648259	9.557	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%
Target Compounds						
9) Propene	3.018	41	105543m	1.053	ppbv	Qvalue
13) Ethanol	3.594	45	792788	78.433	ppbv	97
15) Acetone	3.844	43	462281	3.727	ppbv	98
19) Isopropyl Alcohol	3.957	45	222264	2.802	ppbv #	96
20) Methylene Chloride	4.336	84	34102m	0.501	ppbv	
25) Ethyl Acetate	5.664	43	120110m	0.326	ppbv	
34) 2-Butanone	5.240	43	26060	0.162	ppbv #	78
52) Tetrachloroethene	11.204	164	5785m	0.043	ppbv	
53) Toluene	9.783	91	44998m	0.119	ppbv	

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

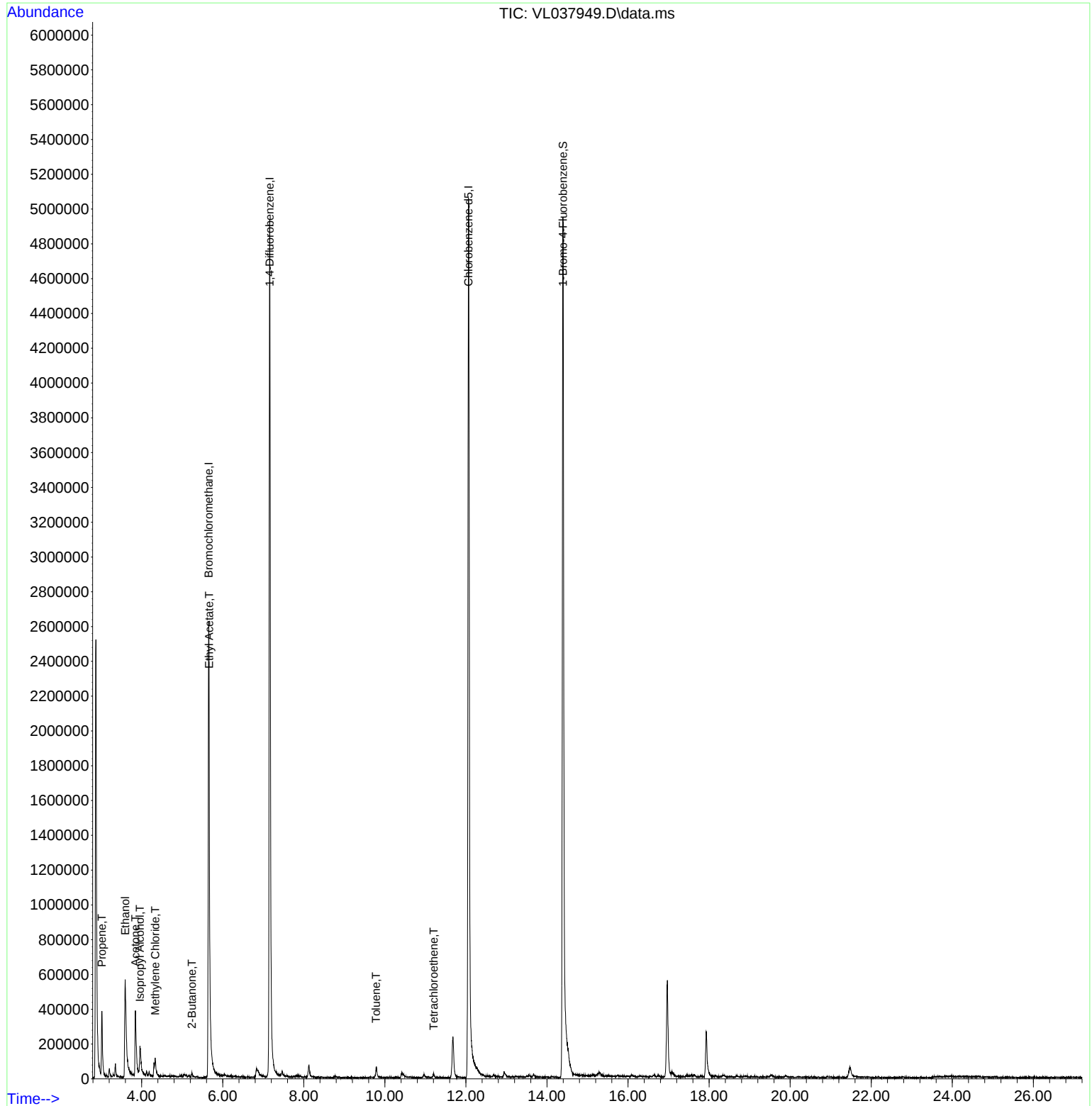
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
Data File : VL037949.D
Acq On : 1 Nov 2021 22:13
Operator : SY/AP
Sample : M4426-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

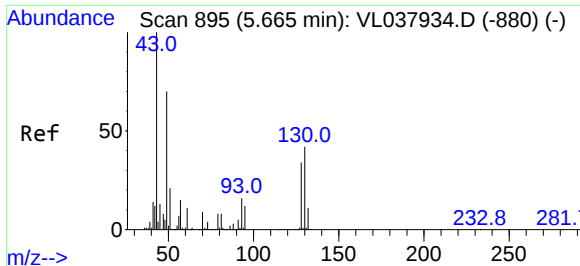
Instrument :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
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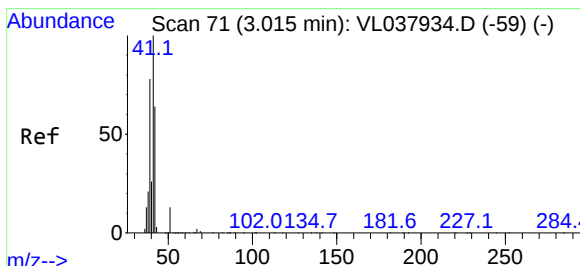
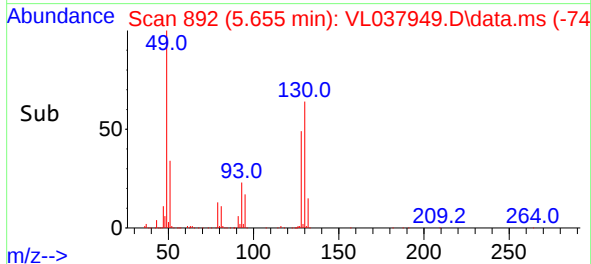
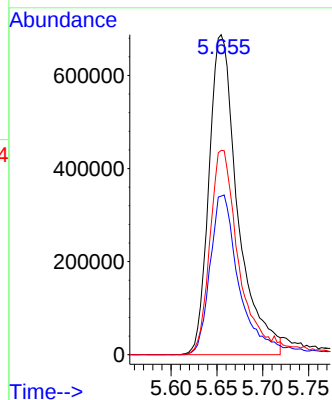
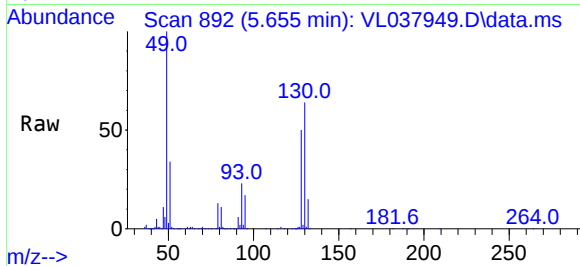
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 895
Delta R.T. -0.010 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 49 Resp: 150113
Ion Ratio Lower Upper
49 100
128 53.5 27.0 81.0
130 69.0 33.4 100.2

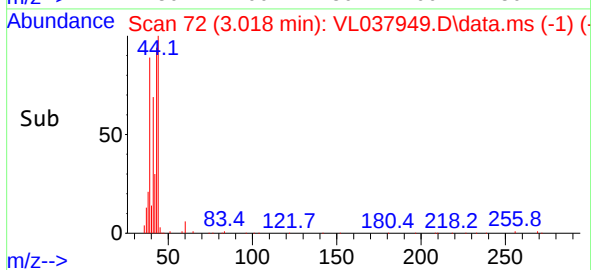
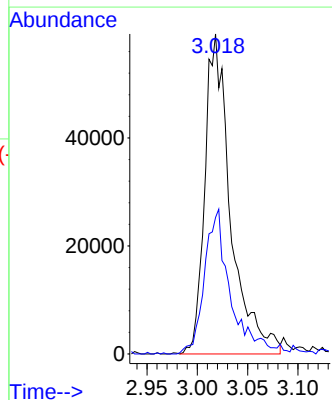
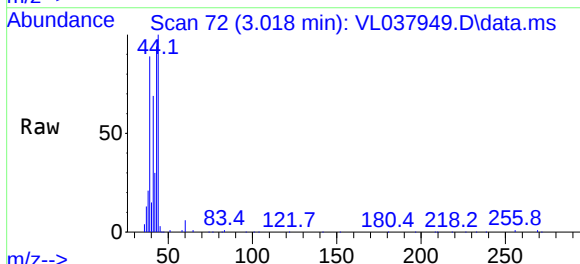
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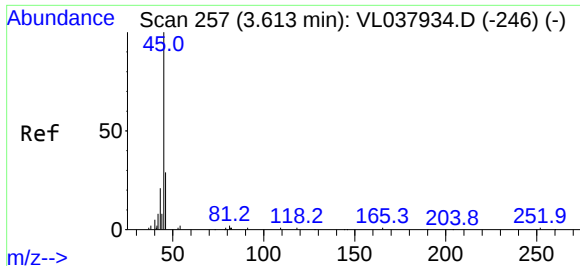
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#9
Propene
Concen: 1.053 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

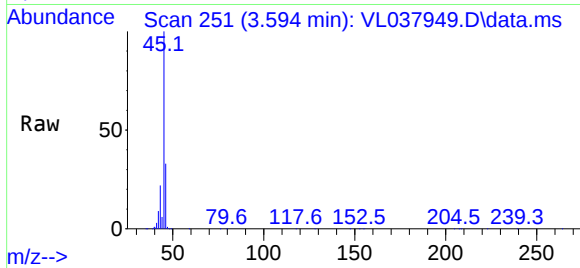
Tgt Ion: 41 Resp: 105543
Ion Ratio Lower Upper
41 100
42 1.8 57.6 86.4#





#13
Ethanol
Concen: 78.433 ppbv
RT: 3.594 min Scan# 21
Delta R.T. -0.020 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

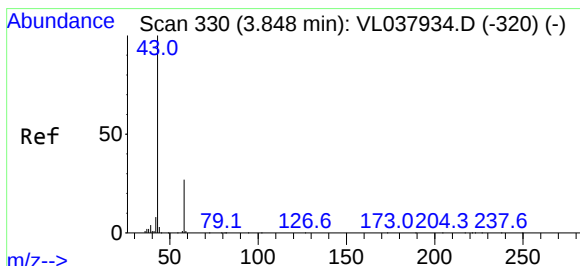
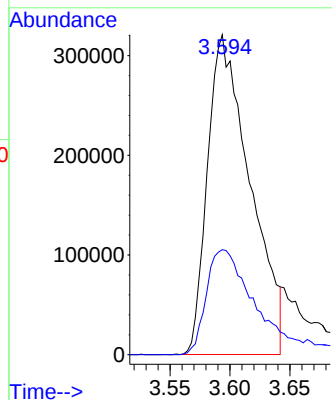
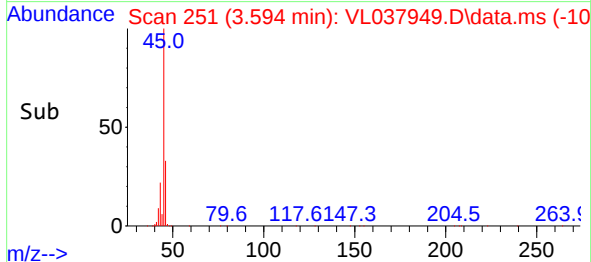
Instrument :
MSVOA_L
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IA2DL



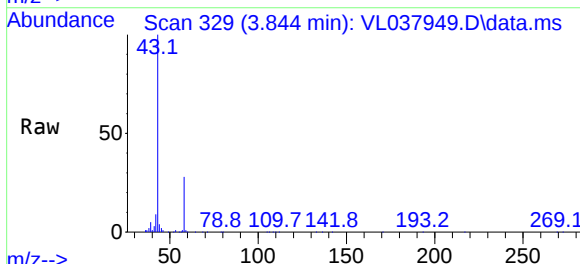
Tgt Ion: 45 Resp: 792788
Ion Ratio Lower Upper
45 100
46 41.7 17.4 69.8

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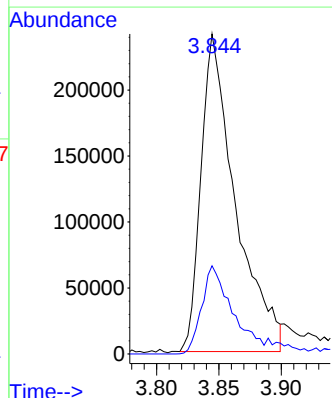
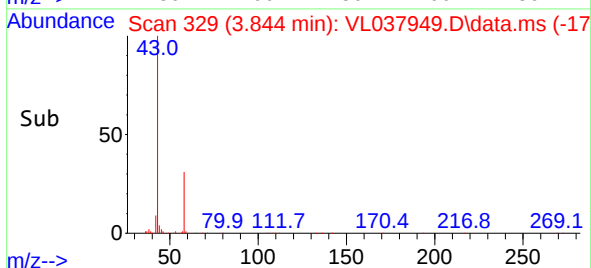
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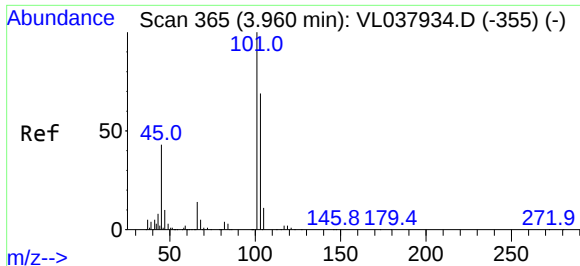


#15
Acetone
Concen: 3.727 ppbv
RT: 3.844 min Scan# 329
Delta R.T. -0.004 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13



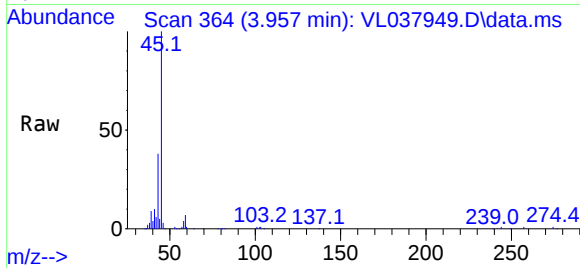
Tgt Ion: 43 Resp: 462281
Ion Ratio Lower Upper
43 100
58 28.1 23.3 34.9





#19
Isopropyl Alcohol
Concen: 2.802 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.004 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

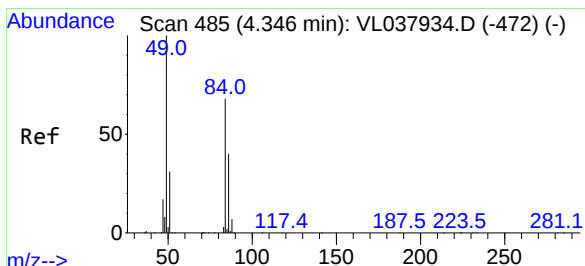
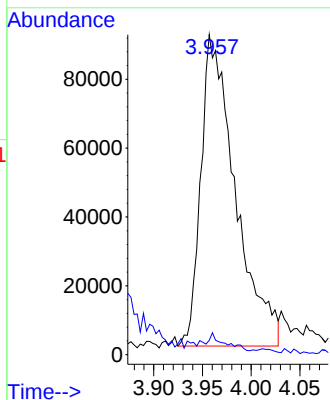
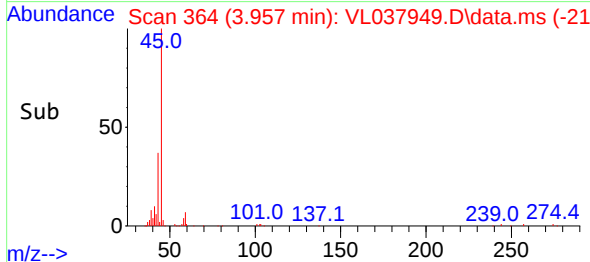
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



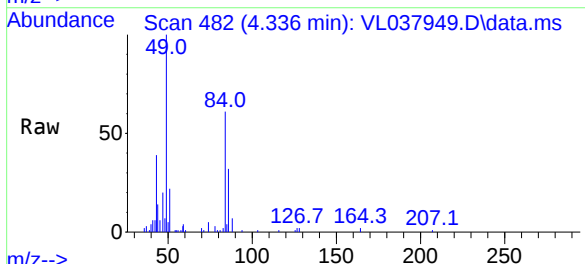
Tgt Ion: 45 Resp: 222264
Ion Ratio Lower Upper
45 100
58 3.6 4.0 6.0

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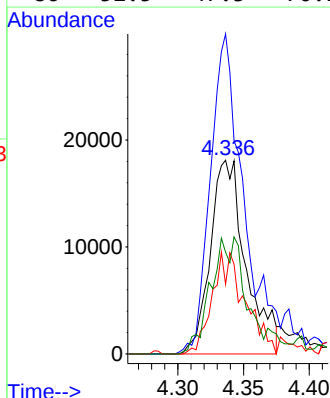
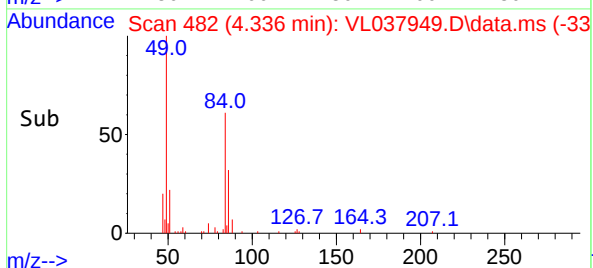
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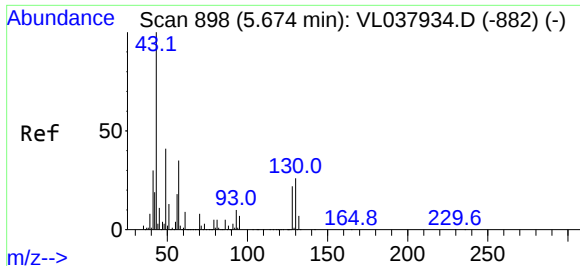


#20
Methylene Chloride
Concen: 0.501 ppbv m
RT: 4.336 min Scan# 482
Delta R.T. -0.010 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13



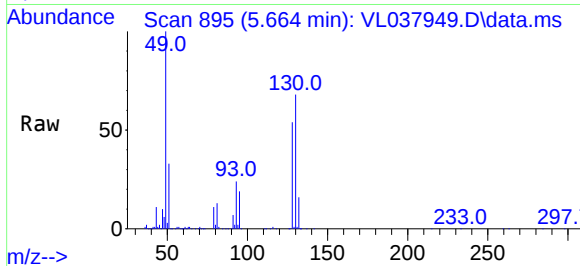
Tgt Ion: 84 Resp: 34102
Ion Ratio Lower Upper
84 100
49 165.2 117.5 176.3
51 35.9 35.9 53.9#
86 52.5 47.3 70.9





#25
Ethyl Acetate
Concen: 0.326 ppbv m
RT: 5.664 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

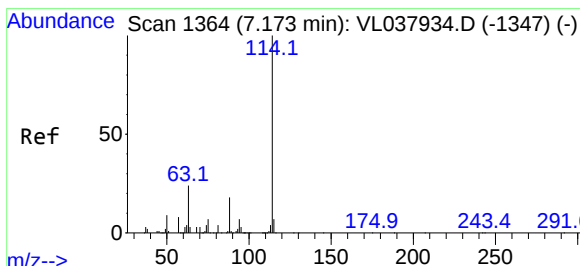
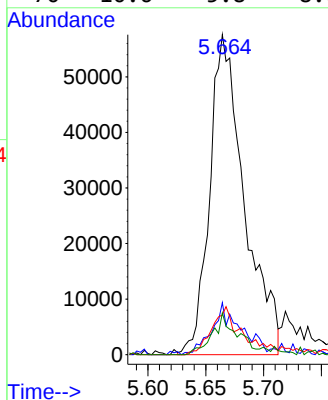
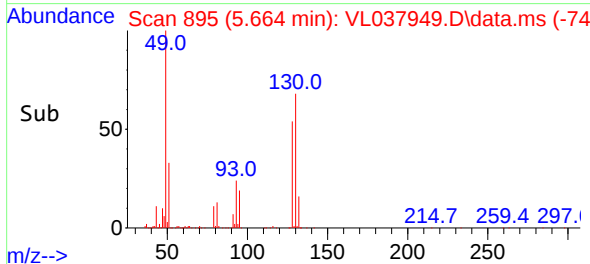
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ClientSampleId :
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Tgt Ion: 43 Resp: 120110
Ion Ratio Lower Upper
43 100
45 15.3 8.1 12.1
61 15.1 8.1 12.1
70 10.6 5.8 8.6

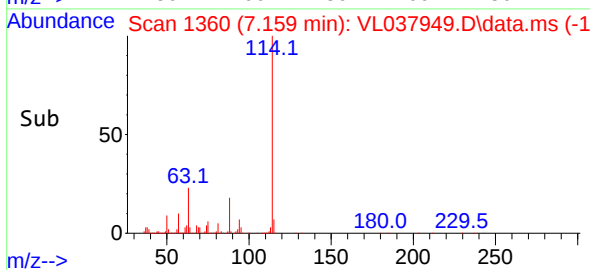
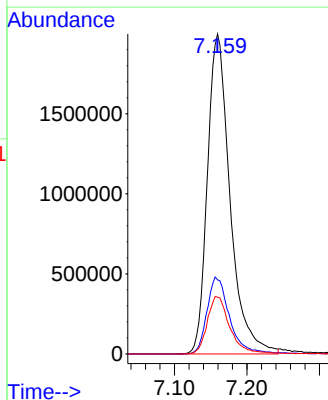
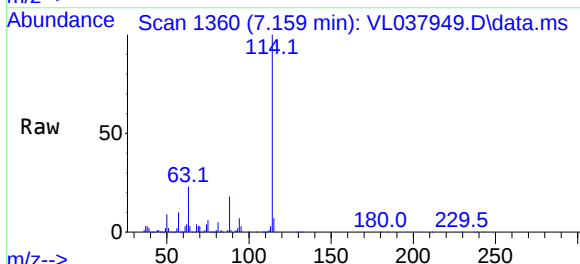
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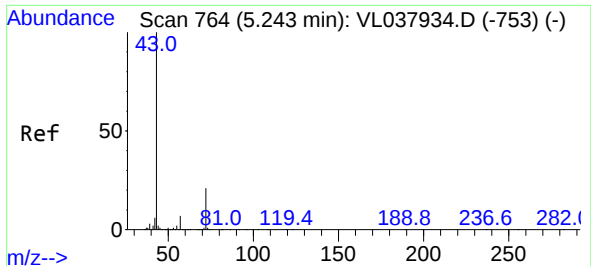
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.159 min Scan# 1360
Delta R.T. -0.013 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

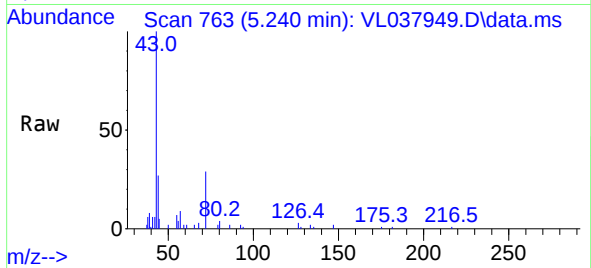
Tgt Ion:114 Resp: 4340747
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.0
88 18.1 14.2 21.4





#34
2-Butanone
Concen: 0.162 ppbv
RT: 5.240 min Scan# 764
Delta R.T. -0.004 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

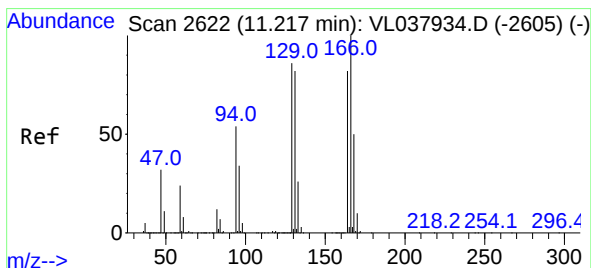
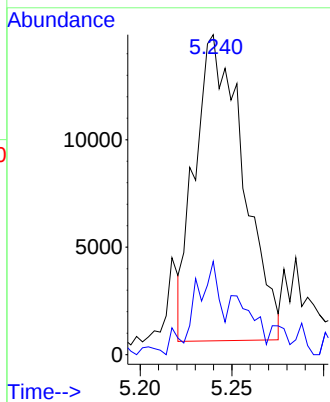
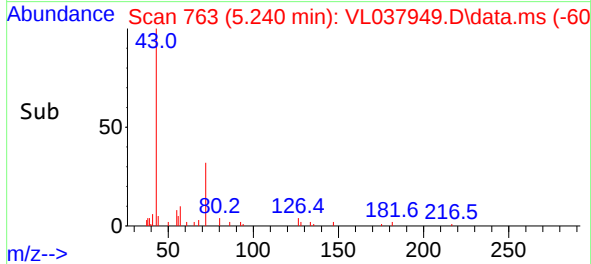
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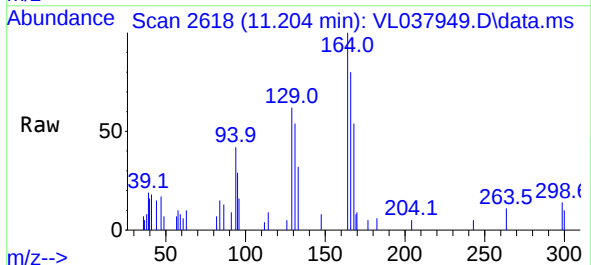
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Ion Ratio Lower Upper
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72 33.7 18.3 27.5

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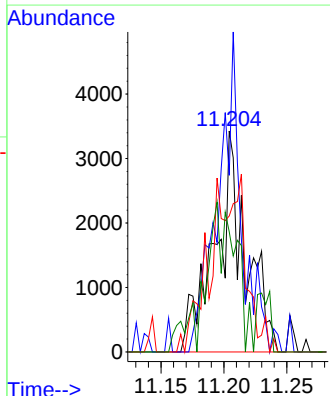
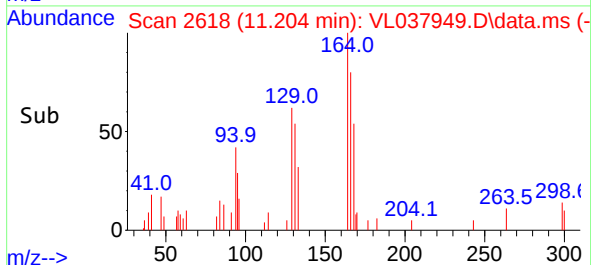
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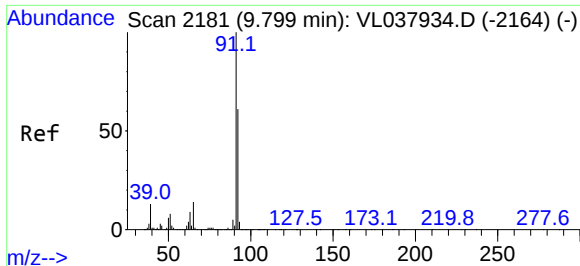


#52
Tetrachloroethene
Concen: 0.043 ppbv m
RT: 11.204 min Scan# 2618
Delta R.T. -0.013 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13



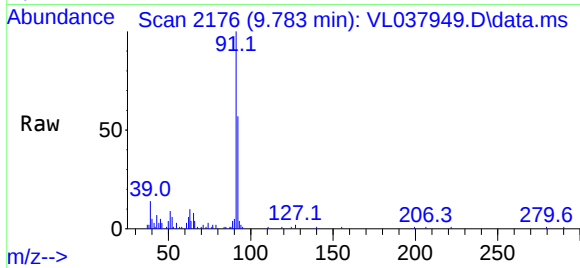
Tgt Ion:164 Resp: 5785
Ion Ratio Lower Upper
164 100
166 79.9 97.6 146.4#
129 61.5 84.2 126.2#
131 54.4 79.6 119.4#





#53
Toluene
Concen: 0.119 ppbv m
RT: 9.783 min Scan# 2181
Delta R.T. -0.016 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13

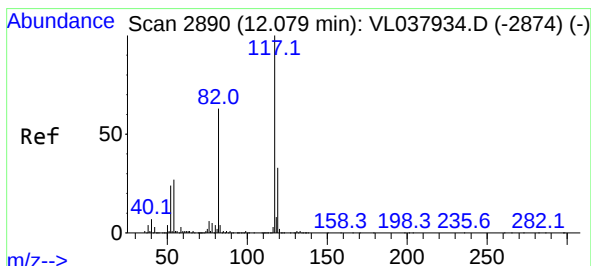
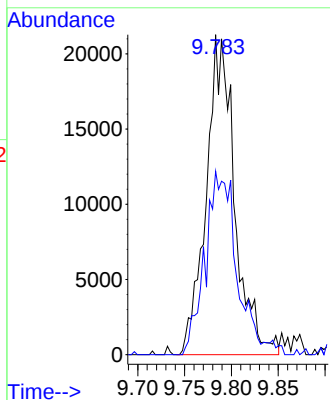
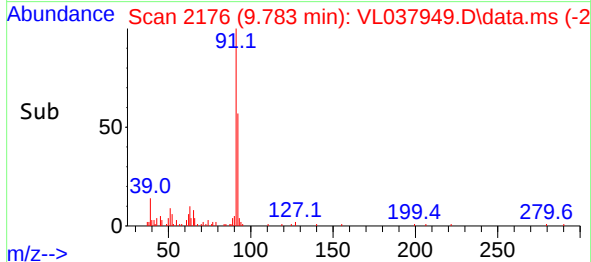
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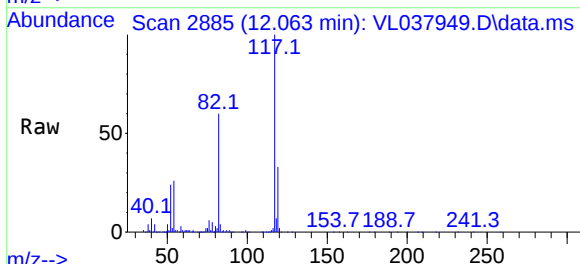
Tgt Ion: 91 Resp: 44998
Ion Ratio Lower Upper
91 100
92 64.3 48.2 72.4

Manual Integrations
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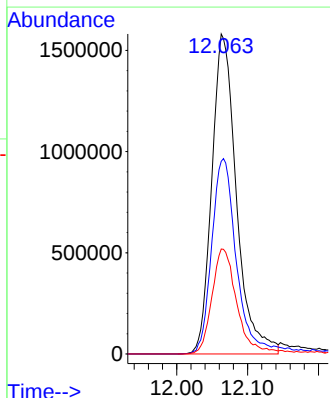
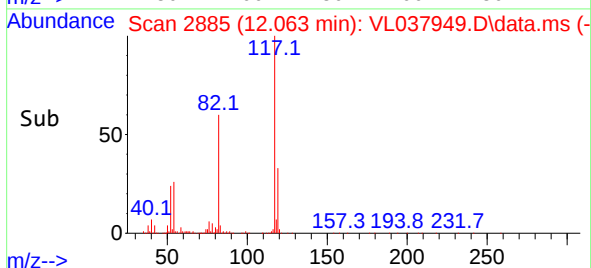
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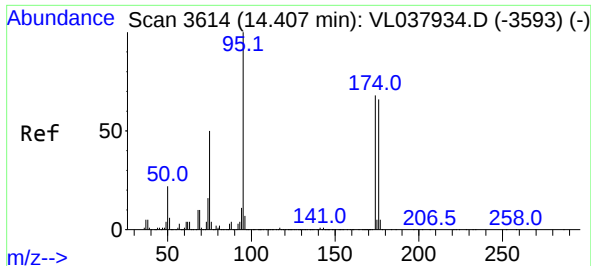


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.016 min
Lab File: VL037949.D
Acq: 1 Nov 2021 22:13



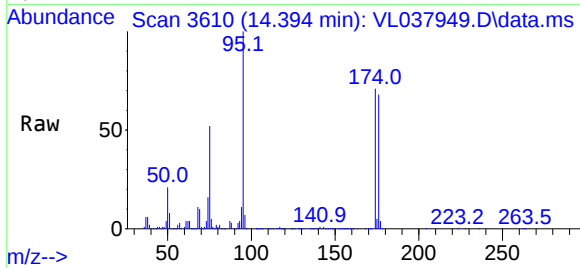
Tgt Ion:117 Resp: 3812019
Ion Ratio Lower Upper
117 100
82 64.8 51.0 76.6
119 33.8 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.557 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. -0.013 min
 Lab File: VL037949.D
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Tgt Ion: 95 Resp: 2648259

Ion	Ratio	Lower	Upper
95	100		
174	77.2	58.3	87.5
175	5.5	4.6	6.8

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