

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040874.D
 Acq On : 15 Nov 2023 18:52
 Operator : SY/MD
 Sample : 05277-06 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 16 05:55:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1028212	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	2534361	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.446	117	2273677	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1746036	9.808	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	22542	0.108	ppbv	96
13) Ethanol	3.269	45	274009	25.506	ppbv #	100
15) Acetone	3.491	43	754322	6.888	ppbv	100
20) Methylene Chloride	3.951	84	777544m	17.205	ppbv	
26) Hexane	5.218	57	752381	7.497	ppbv #	41
53) Toluene	9.205	91	47924	0.212	ppbv	100

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

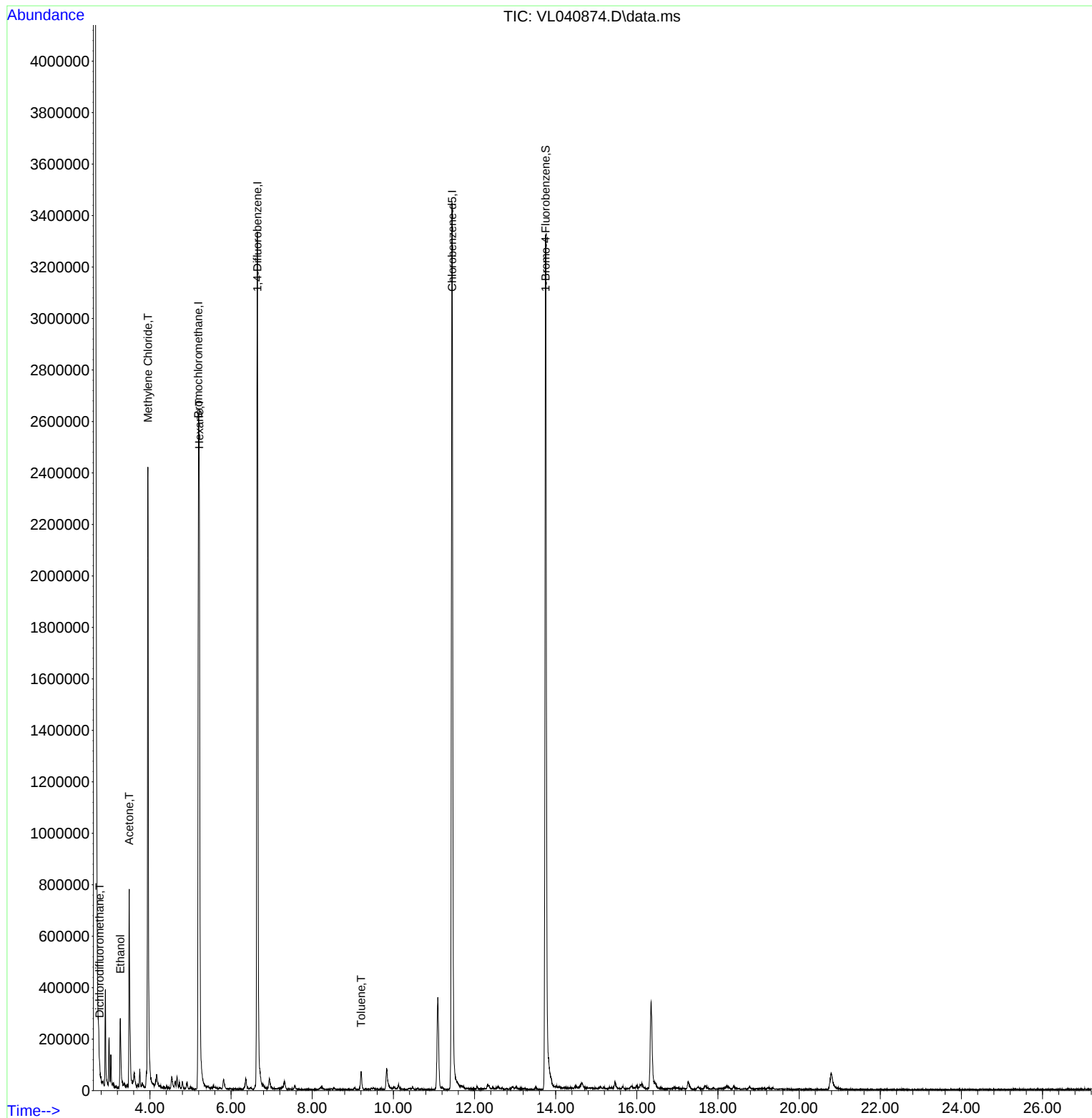
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
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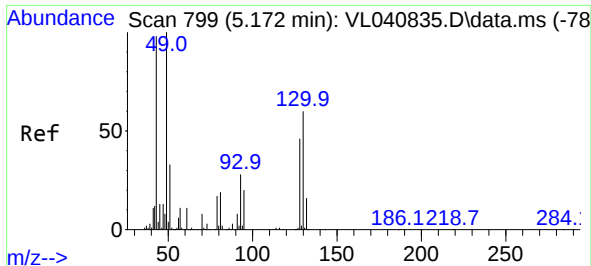
Instrument :
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ClientSampleId :
NT-SS-8

Quant Time: Nov 16 05:55:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

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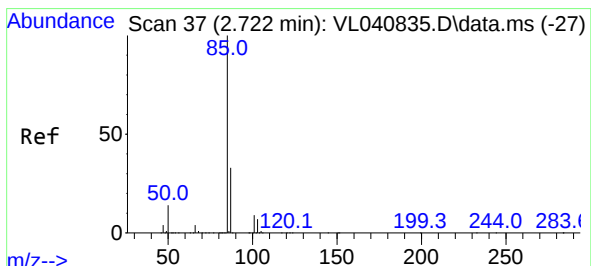
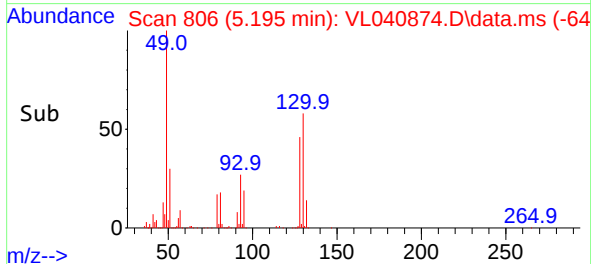
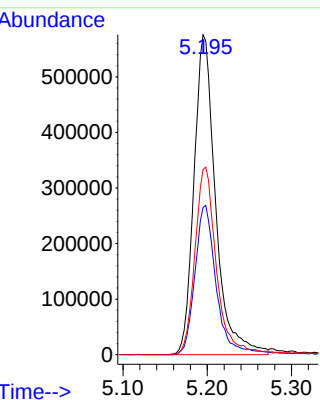
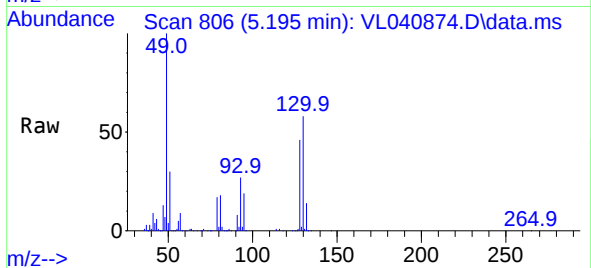
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.023 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8

Tgt Ion: 49 Resp: 102821
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.2
130 59.7 30.9 92.8

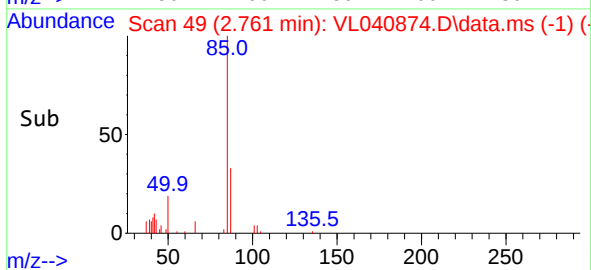
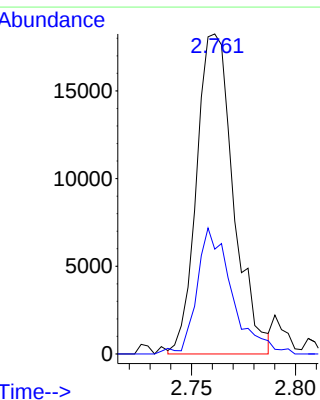
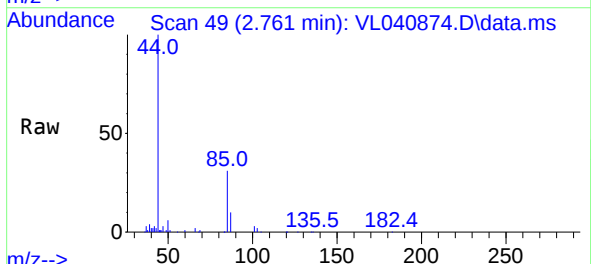
Manual Integrations
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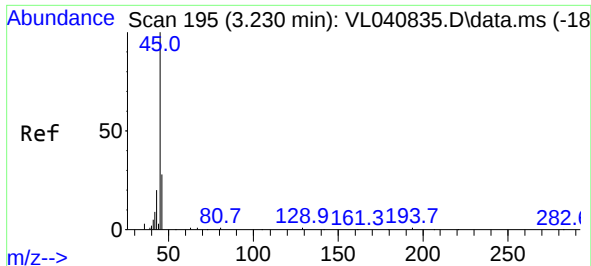
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#2
Dichlorodifluoromethane
Concen: 0.108 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.039 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52

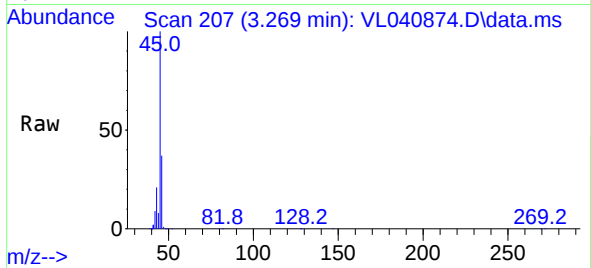
Tgt Ion: 85 Resp: 22542
Ion Ratio Lower Upper
85 100
87 31.3 26.7 40.1





#13
Ethanol
Concen: 25.506 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.039 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52

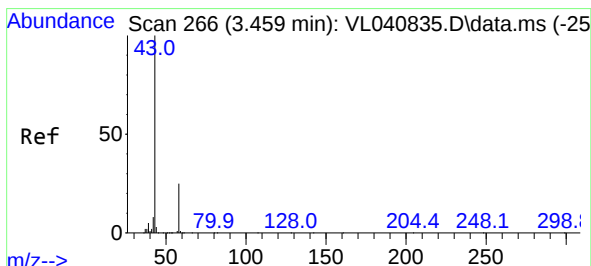
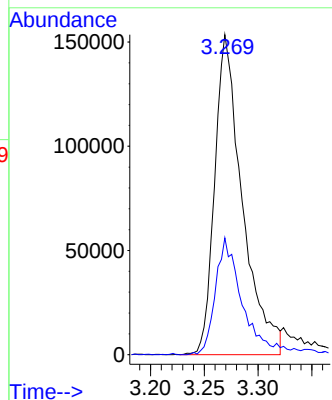
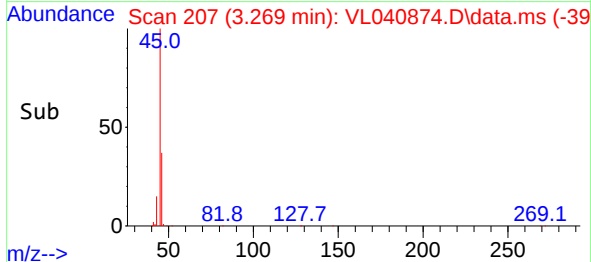
Instrument :
MSVOA_L
Client SampleId :
NT-SS-8



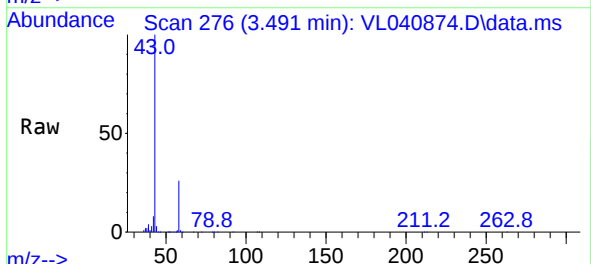
Tgt Ion: 45 Resp: 274009
Ion Ratio Lower Upper
45 100
46 37.8 0.0 0.0

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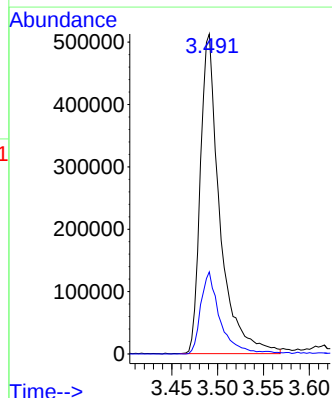
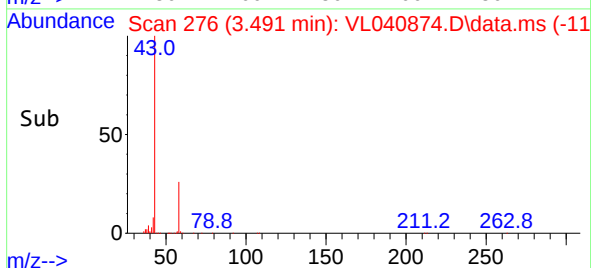
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

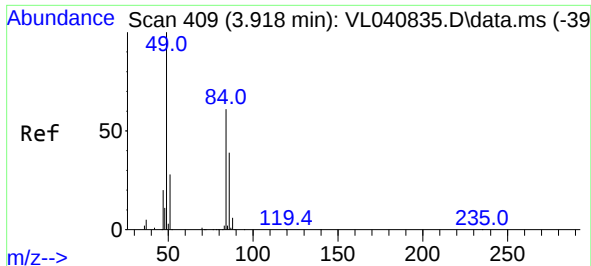


#15
Acetone
Concen: 6.888 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.032 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52



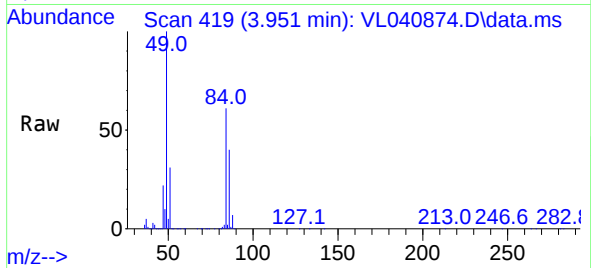
Tgt Ion: 43 Resp: 754322
Ion Ratio Lower Upper
43 100
58 25.9 20.9 31.3





#20
Methylene Chloride
Concen: 17.205 ppbv m
RT: 3.951 min Scan# 419
Delta R.T. 0.032 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52

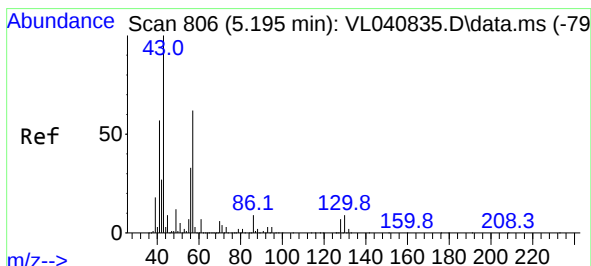
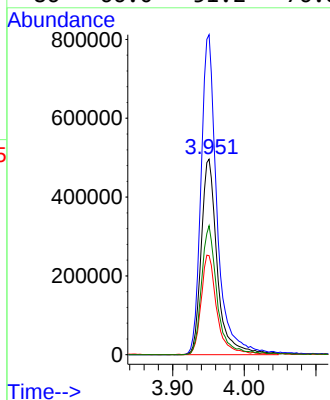
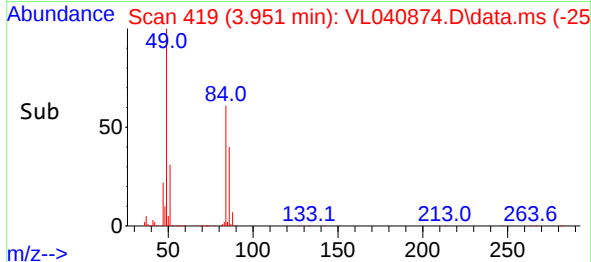
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8



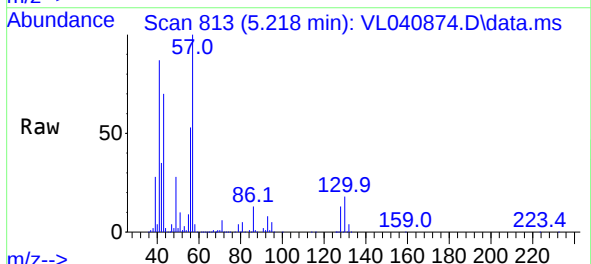
Tgt Ion: 84 Resp: 777544
Ion Ratio Lower Upper
84 100
49 163.6 131.0 196.4
51 50.6 36.9 55.3
86 66.0 51.2 76.8

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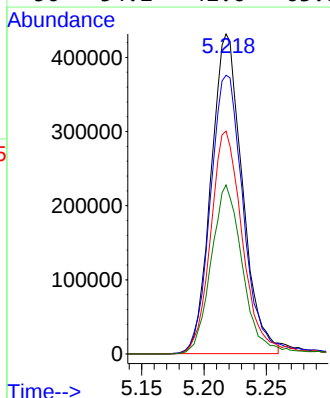
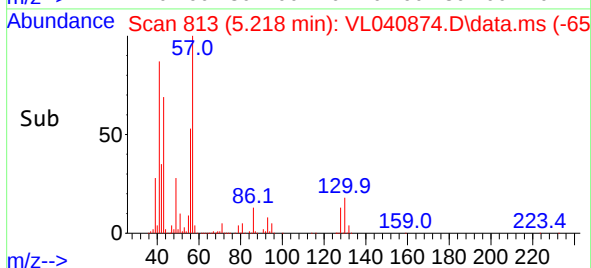
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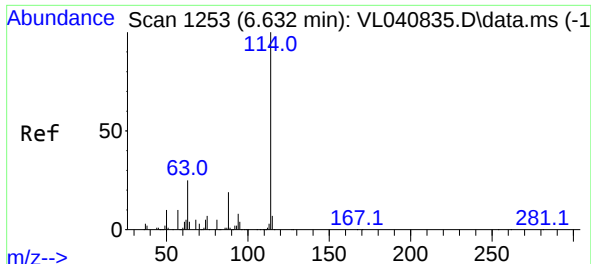


#26
Hexane
Concen: 7.497 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.023 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52



Tgt Ion: 57 Resp: 752381
Ion Ratio Lower Upper
57 100
41 94.0 75.4 113.0
43 72.4 185.9 278.9#
56 54.2 42.6 63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL040874.D

Acq: 15 Nov 2023 18:52

Instrument :

MSVOA_L

ClientSampleId :

NT-SS-8

Tgt Ion:114 Resp: 253436

Ion Ratio Lower Upper

114 100

63 25.7 20.9 31.3

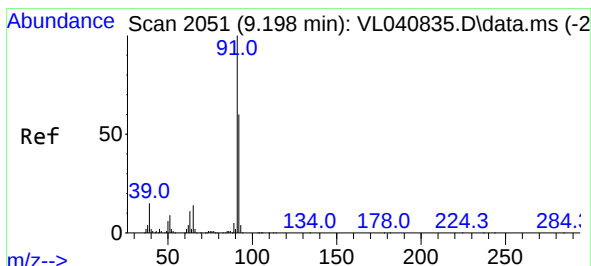
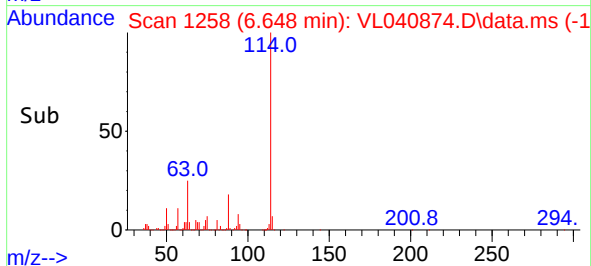
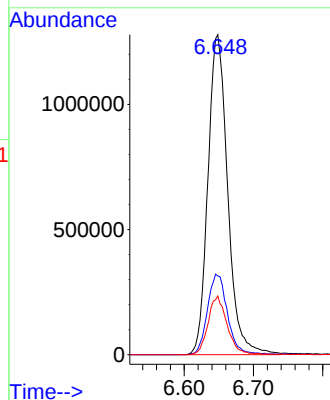
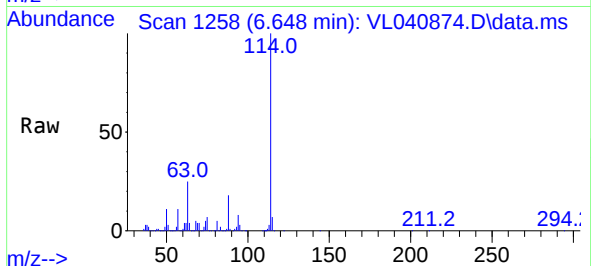
88 17.8 14.3 21.5

Manual Integrations

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#53

Toluene

Concen: 0.212 ppbv

RT: 9.205 min Scan# 2053

Delta R.T. 0.007 min

Lab File: VL040874.D

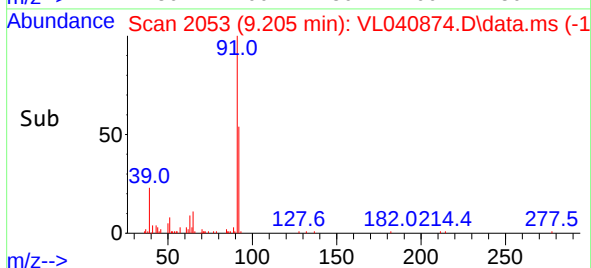
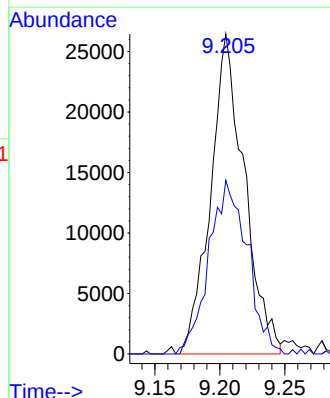
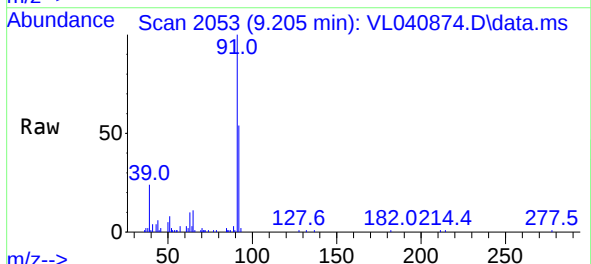
Acq: 15 Nov 2023 18:52

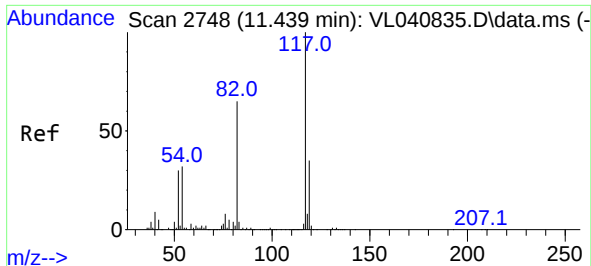
Tgt Ion: 91 Resp: 47924

Ion Ratio Lower Upper

91 100

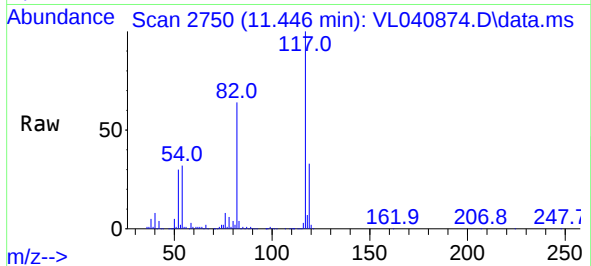
92 61.4 49.4 74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52

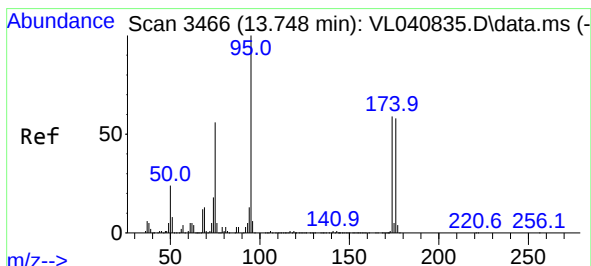
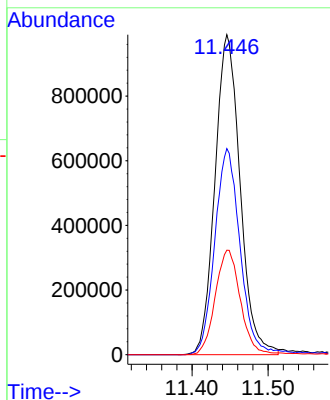
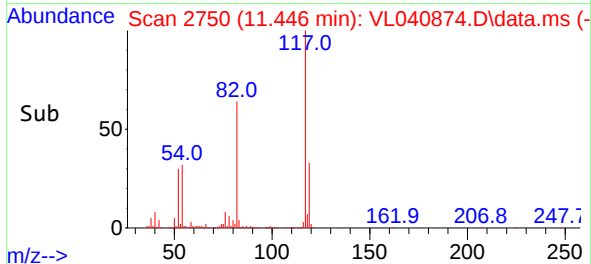
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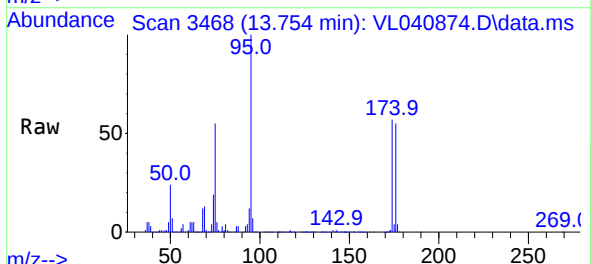
Tgt Ion:117 Resp: 227367
Ion Ratio Lower Upper
117 100
82 66.5 50.6 75.8
119 33.4 23.3 34.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.808 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. 0.007 min
Lab File: VL040874.D
Acq: 15 Nov 2023 18:52



Tgt Ion: 95 Resp: 1746036
Ion Ratio Lower Upper
95 100
174 61.1 47.5 71.3
175 4.5 3.6 5.4

