

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039928.D
 Acq On : 22 Nov 2022 22:48
 Operator : SY/AP
 Sample : N5767-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Quant Time: Nov 23 04:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/23/2022
 Supervised By : Mahesh Dadoda 11/24/2022

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

Internal Standards						
1) Bromochloromethane	5.172	49	965646	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	2730669	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	2404751	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1897818	10.332	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	80128	0.579	ppbv	98
3) Chlorodifluoromethane	2.648	51	51827m	0.389	ppbv	
4) Chloromethane	2.790	50	31398	0.369	ppbv	93
9) Propene	2.684	41	66712m	1.063	ppbv	
11) Trichlorofluoromethane	3.539	101	40002	0.237	ppbv	98
13) Ethanol	3.224	45	142317	29.698	ppbv	93
15) Acetone	3.452	43	356596	2.784	ppbv	99
20) Methylene Chloride	3.912	84	352132	5.675	ppbv	97
26) Hexane	5.192	57	272030	2.648	ppbv	# 38
36) Benzene	6.356	78	70380	0.303	ppbv	98
53) Toluene	9.208	91	101397m	0.383	ppbv	

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

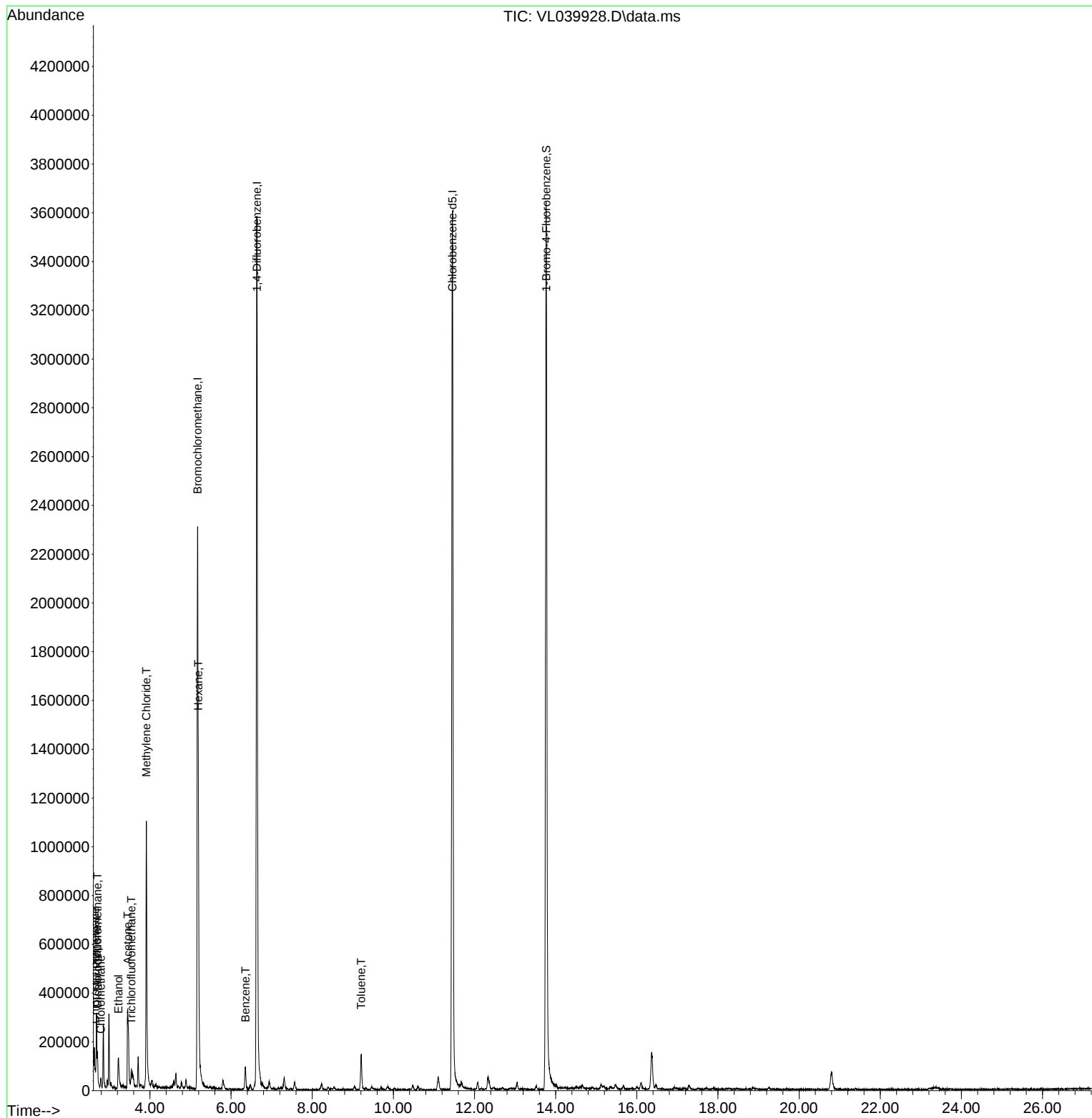
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
Data File : VL039928.D
Acq On : 22 Nov 2022 22:48
Operator : SY/AP
Sample : N5767-05
Misc : 400mL/MSVOA_L
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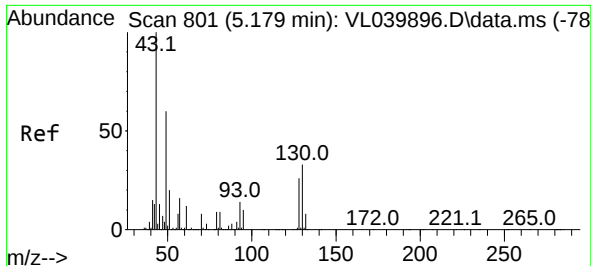
Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Nov 23 04:52:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Nov 22 03:45:31 2022
Response via : Initial Calibration

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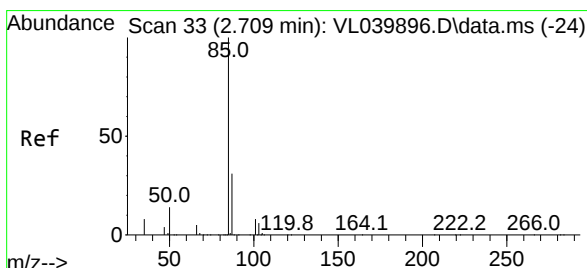
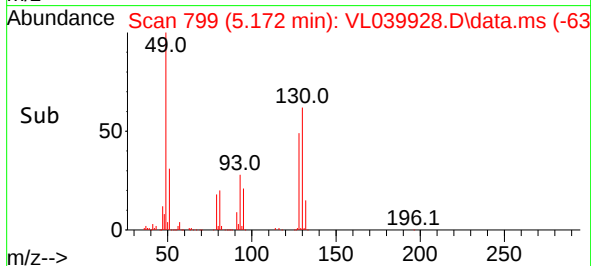
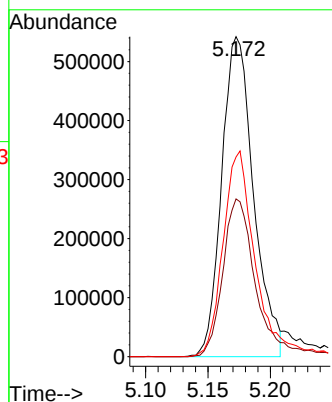
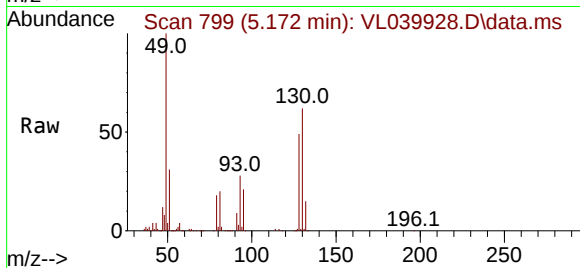
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 49 Resp: 965640
Ion Ratio Lower Upper
49 100
128 52.7 22.1 66.3
130 67.4 27.7 83.1

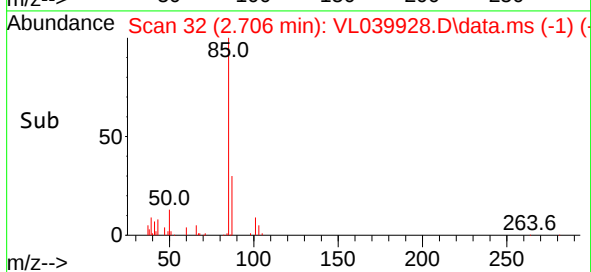
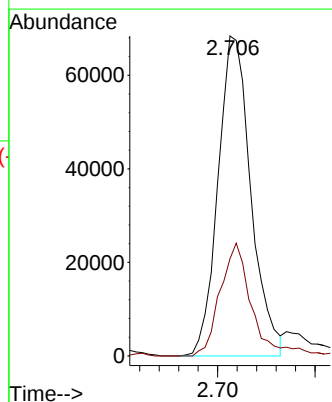
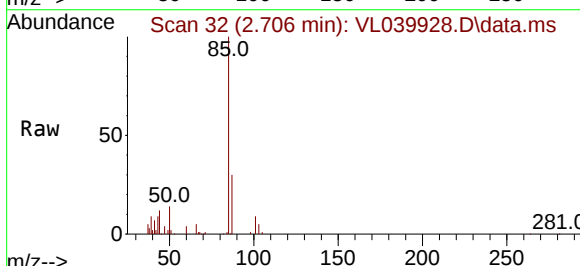
Manual Integrations
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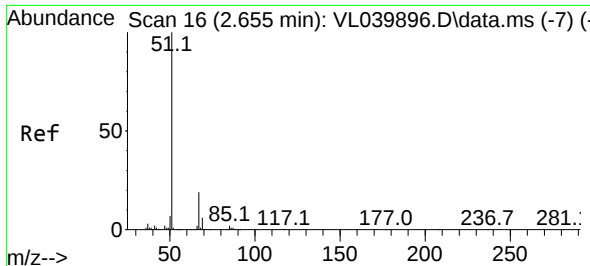
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 0.579 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.010 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48

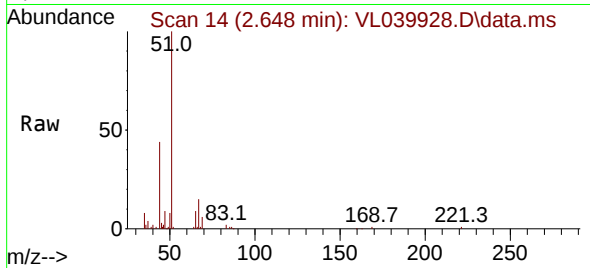
Tgt Ion: 85 Resp: 80128
Ion Ratio Lower Upper
85 100
87 30.4 25.0 37.4





#3
Chlorodifluoromethane
Concen: 0.389 ppbv m
RT: 2.648 min Scan# 14
Delta R.T. 0.006 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48

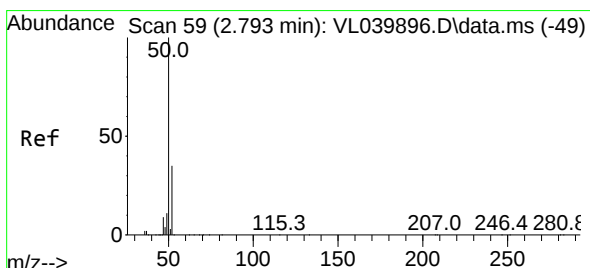
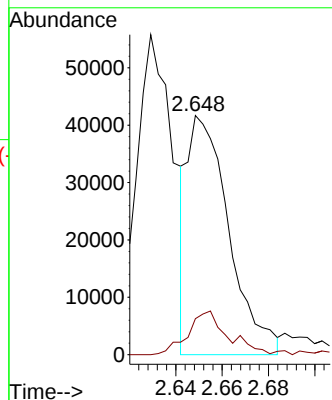
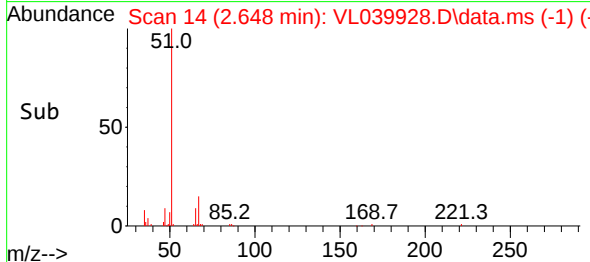
Instrument :
MSVOA_L
ClientSampleId :
OA1



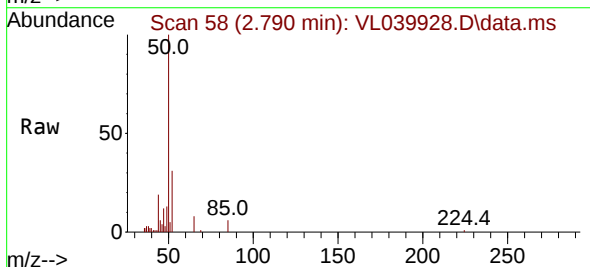
Tgt Ion: 51 Resp: 5182
Ion Ratio Lower Upper
51 100
67 19.4 14.2 21.4

Manual Integrations
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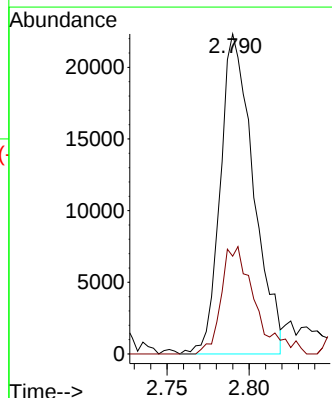
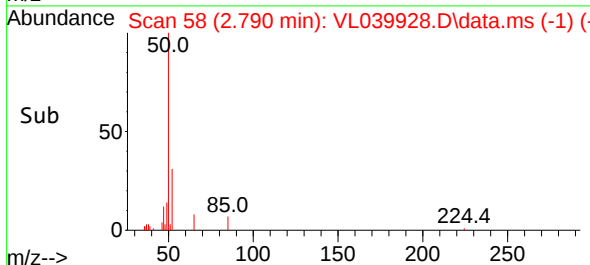
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

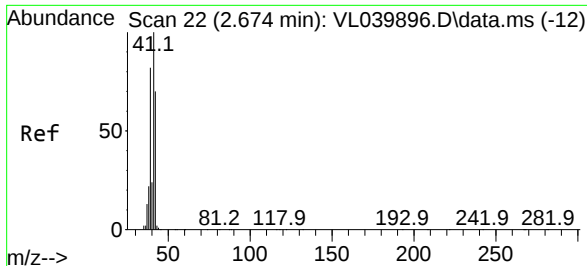


#4
Chloromethane
Concen: 0.369 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48



Tgt Ion: 50 Resp: 31398
Ion Ratio Lower Upper
50 100
52 30.6 27.8 41.8





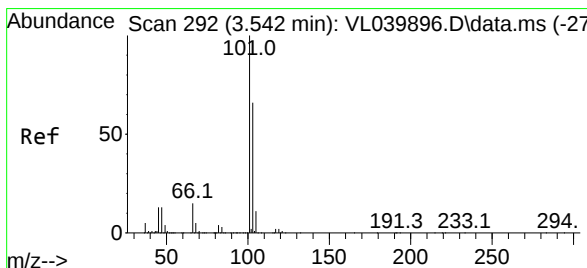
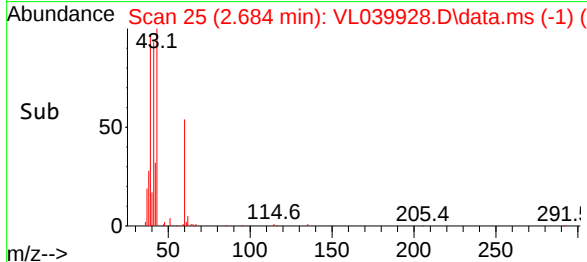
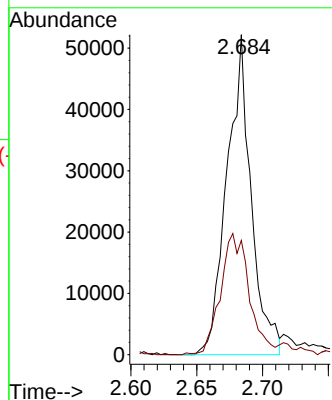
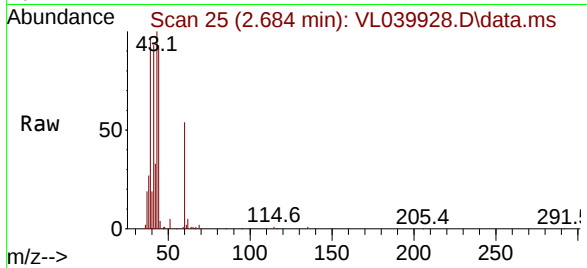
#9
 Propene
 Concen: 1.063 ppbv m
 RT: 2.684 min Scan# 21
 Delta R.T. 0.022 min
 Lab File: VL039928.D
 Acq: 22 Nov 2022 22:48

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Tgt Ion: 41 Resp: 66712
 Ion Ratio Lower Upper
 41 100
 42 65.5 55.8 83.6

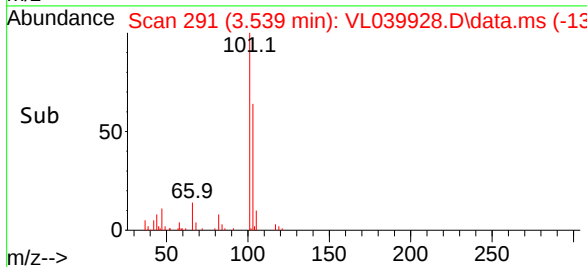
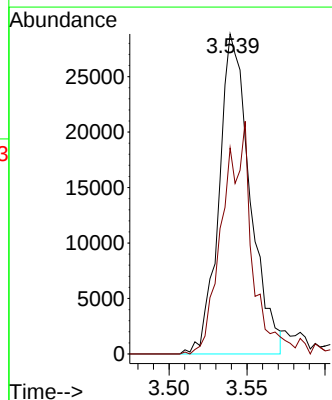
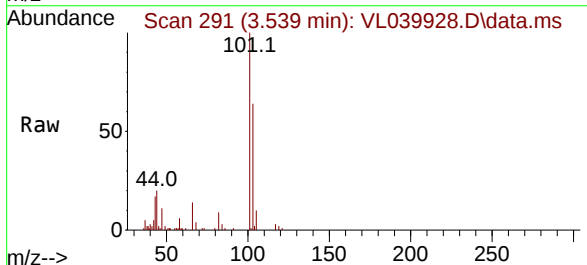
Manual Integrations
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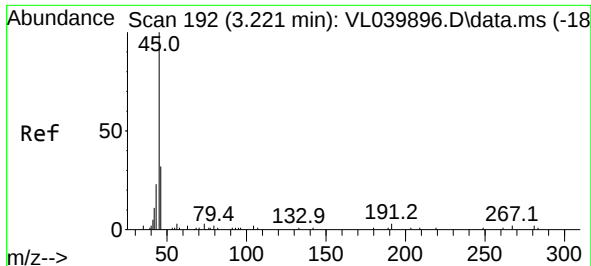
Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022



#11
 Trichlorofluoromethane
 Concen: 0.237 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL039928.D
 Acq: 22 Nov 2022 22:48

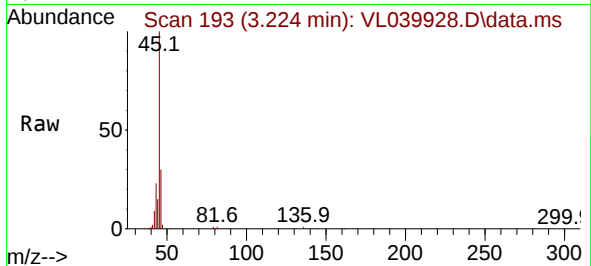
Tgt Ion:101 Resp: 40002
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8





#13
Ethanol
Concen: 29.698 ppbv
RT: 3.224 min Scan# 192
Delta R.T. 0.016 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48

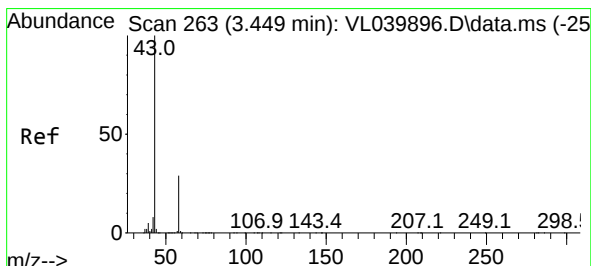
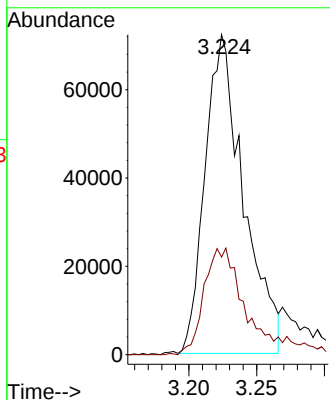
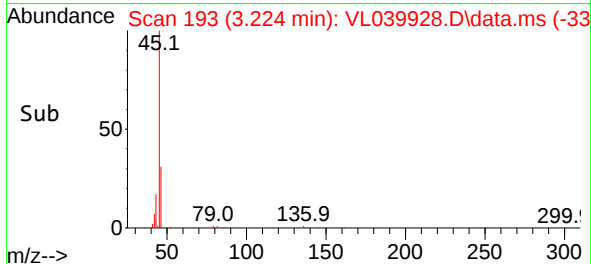
Instrument :
MSVOA_L
ClientSampleId :
OA1



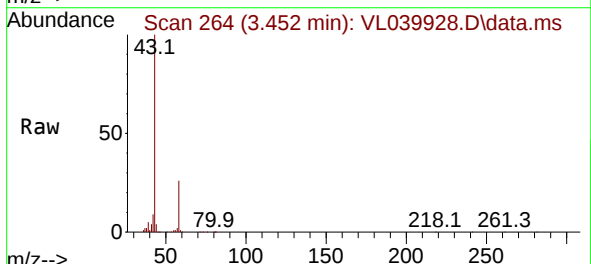
Tgt Ion: 45 Resp: 142317
Ion Ratio Lower Upper
45 100
46 40.5 14.6 58.2

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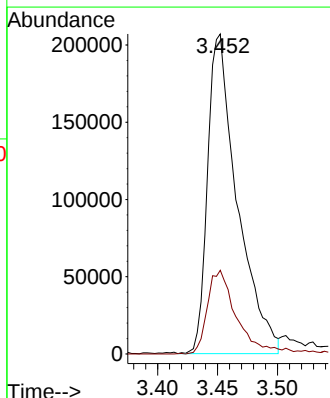
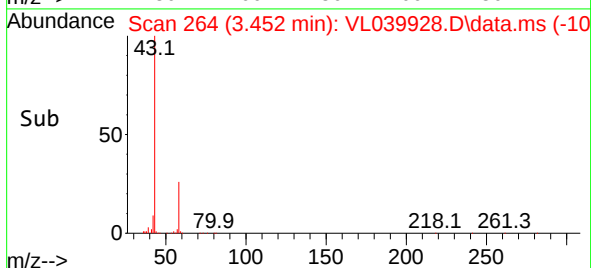
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

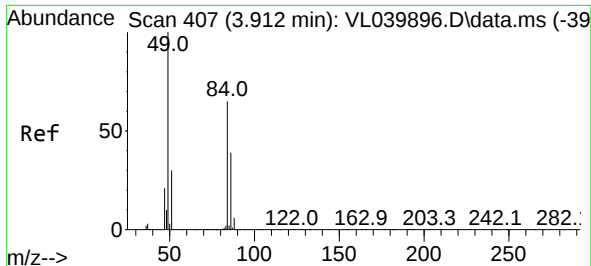


#15
Acetone
Concen: 2.784 ppbv
RT: 3.452 min Scan# 264
Delta R.T. 0.019 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48



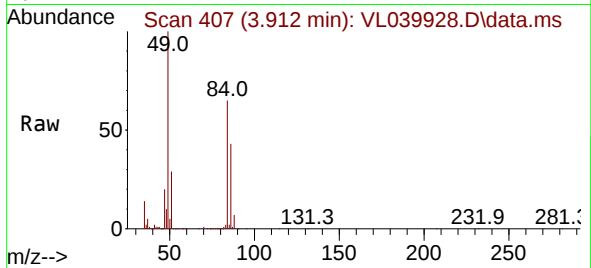
Tgt Ion: 43 Resp: 356596
Ion Ratio Lower Upper
43 100
58 28.2 22.9 34.3





#20
Methylene Chloride
Concen: 5.675 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.013 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48

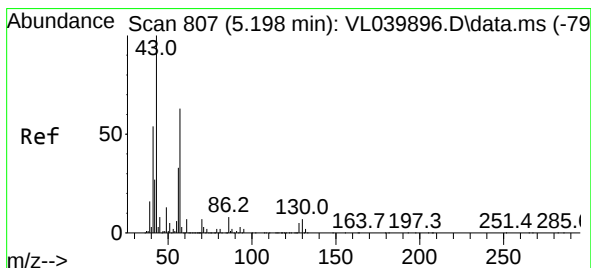
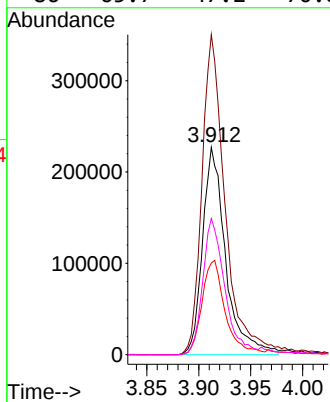
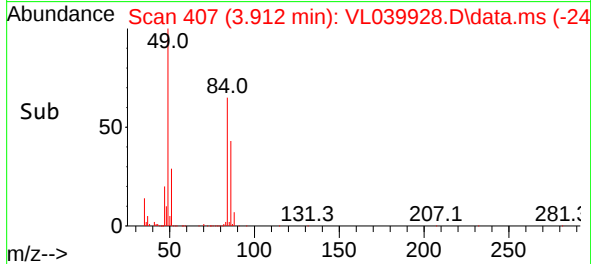
Instrument :
MSVOA_L
ClientSampleId :
OA1



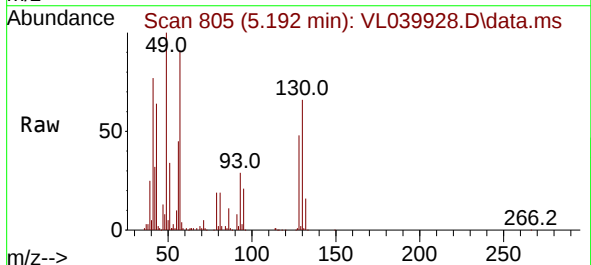
Tgt Ion: 84 Resp: 35213
Ion Ratio Lower Upper
84 100
49 154.2 122.2 183.4
51 44.2 36.3 54.5
86 65.7 47.2 70.8

Manual Integrations
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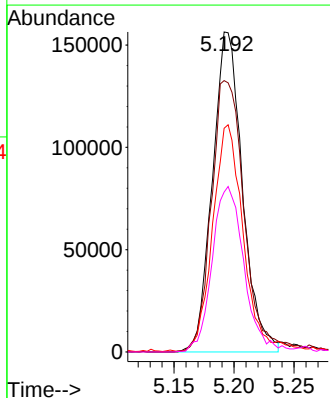
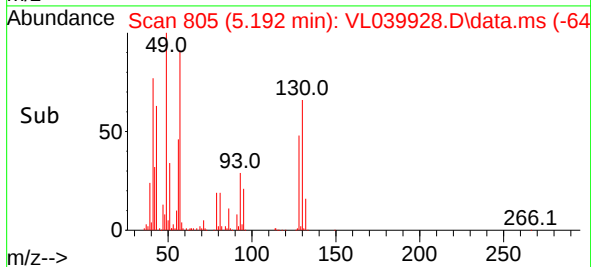
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

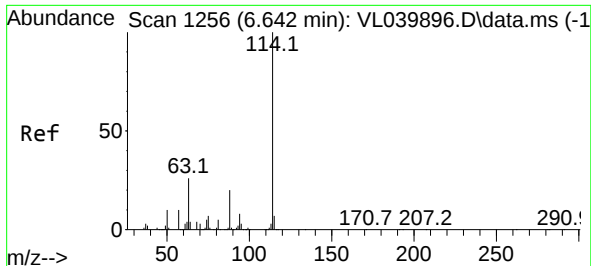


#26
Hexane
Concen: 2.648 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.010 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48



Tgt Ion: 57 Resp: 272030
Ion Ratio Lower Upper
57 100
41 94.6 72.3 108.5
43 73.8 188.7 283.1#
56 56.2 42.4 63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1125

Delta R.T. 0.016 min

Lab File: VL039928.D

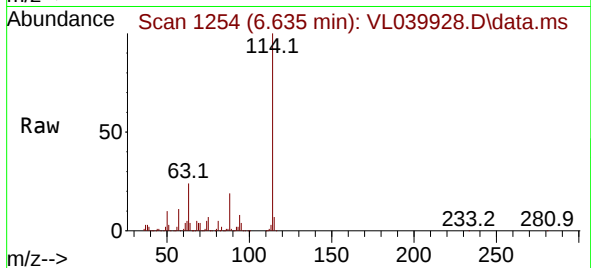
Acq: 22 Nov 2022 22:48

Instrument :

MSVOA_L

ClientSampleId :

OA1



Tgt Ion:114 Resp: 273066

Ion Ratio Lower Upper

114 100

63 25.0 21.4 32.0

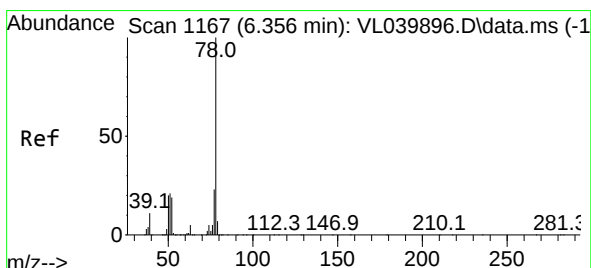
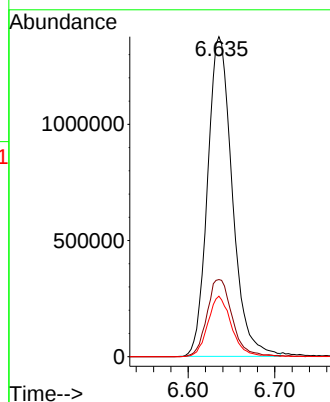
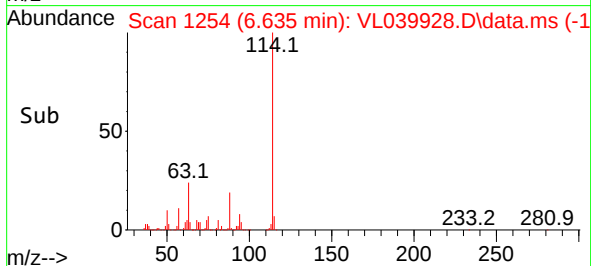
88 18.4 15.3 22.9

Manual Integrations

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Supervised By :Mahesh Dadoda 11/24/2022



#36

Benzene

Concen: 0.303 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. 0.019 min

Lab File: VL039928.D

Acq: 22 Nov 2022 22:48

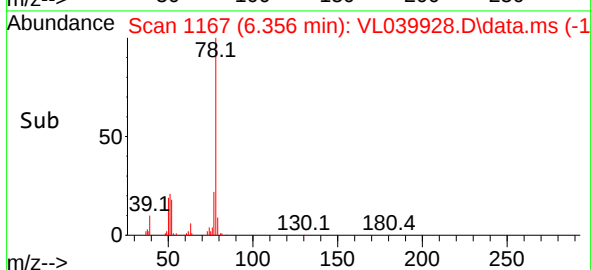
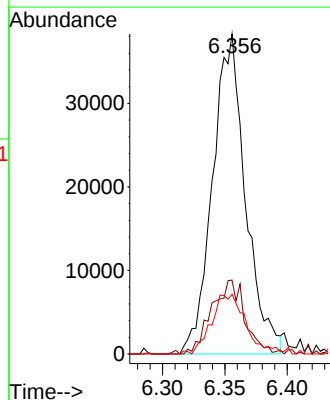
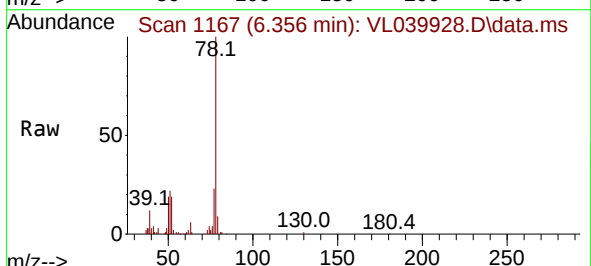
Tgt Ion: 78 Resp: 70380

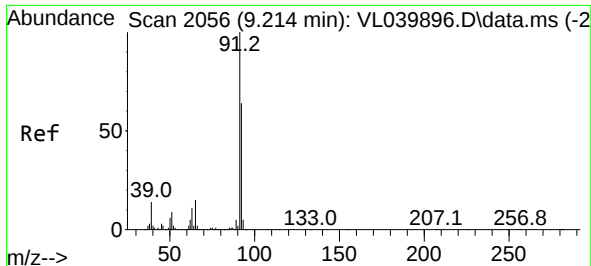
Ion Ratio Lower Upper

78 100

77 23.1 18.2 27.2

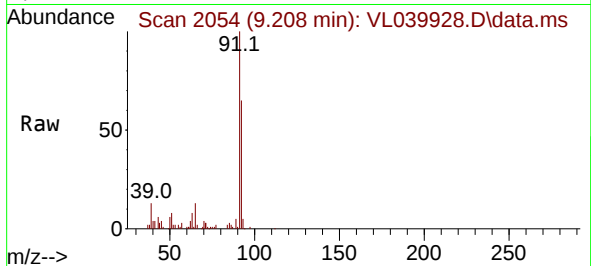
50 18.6 15.8 23.8





#53
Toluene
Concen: 0.383 ppbv m
RT: 9.208 min Scan# 2056
Delta R.T. 0.016 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48

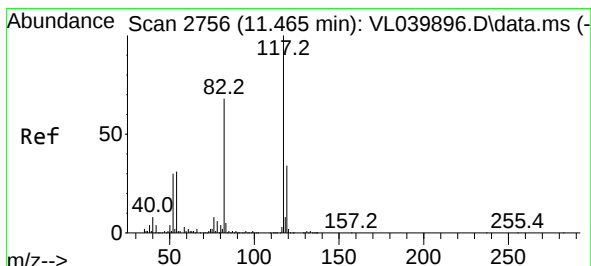
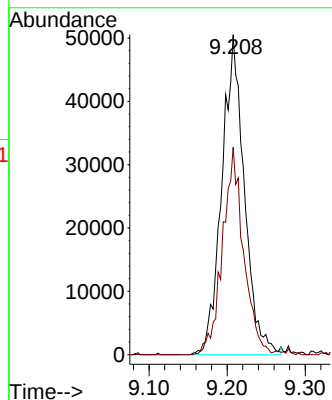
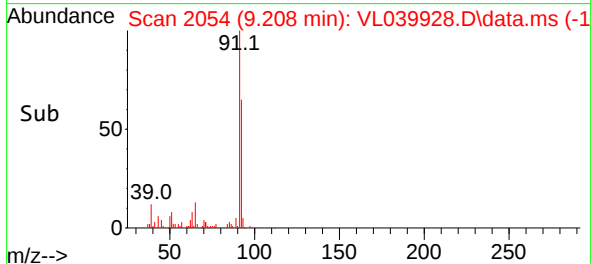
Instrument :
MSVOA_L
ClientSampleId :
OA1



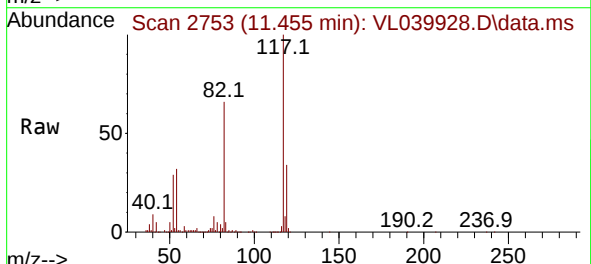
Tgt Ion: 91 Resp: 10139
Ion Ratio Lower Upper
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92 61.2 49.8 74.6

Manual Integrations
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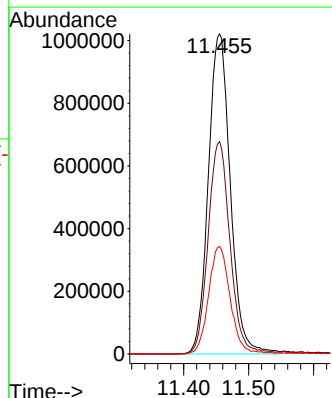
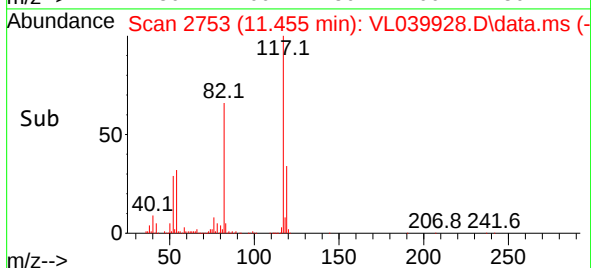
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022

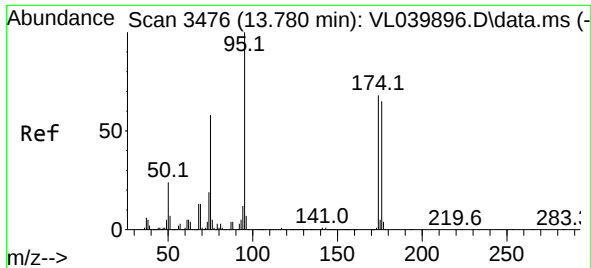


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. 0.016 min
Lab File: VL039928.D
Acq: 22 Nov 2022 22:48



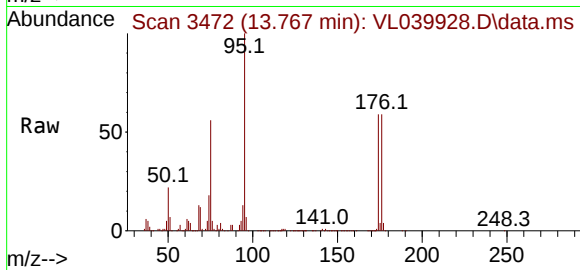
Tgt Ion:117 Resp: 2404751
Ion Ratio Lower Upper
117 100
82 66.8 52.3 78.5
119 33.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.332 ppbv
 RT: 13.767 min Scan# 3476
 Delta R.T. 0.013 min
 Lab File: VL039928.D
 Acq: 22 Nov 2022 22:48

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1



Tgt Ion: 95 Resp: 1897818
 Ion Ratio Lower Upper
 95 100
 174 61.1 53.7 80.5
 175 4.4 4.0 6.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

