

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039689.D
 Acq On : 4 Oct 2022 20:22
 Operator : SY/AP
 Sample : N4955-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 05 04:42:22 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

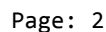
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

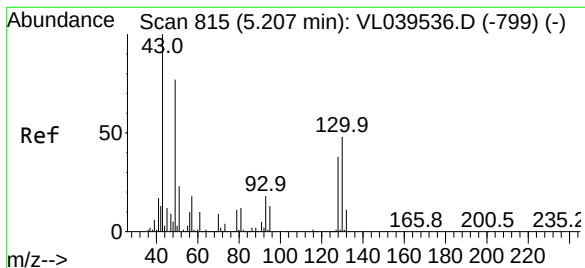
Internal Standards						
1) Bromochloromethane	5.208	49	945211	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2485938	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2184529	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1586046	9.726	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.755	85	7143m	0.065	ppbv	
3) Chlorodifluoromethane	2.706	51	9557	0.085	ppbv	94
4) Chloromethane	2.841	50	6380m	0.094	ppbv	
7) Chloroethane	3.237	64	1183m	0.057	ppbv	
8) Dichlorotetrafluoroethane	2.880	85	4335	0.033	ppbv	84
9) Propene	2.732	41	7517	0.147	ppbv	100
11) Trichlorofluoromethane	3.584	101	7912m	0.058	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.089	101	4671m	0.046	ppbv	
13) Ethanol	3.266	45	4741m	1.215	ppbv	
14) Bromoethene	3.385	108	1267m	0.031	ppbv	
15) Acetone	3.497	43	45903	0.436	ppbv	90
16) 1,3-Butadiene	3.025	39	2981m	0.056	ppbv	
19) Isopropyl Alcohol	3.620	45	2726m	0.051	ppbv	
20) Methylene Chloride	3.957	84	252713	5.197	ppbv	98
21) Allyl Chloride	4.005	41	4011m	0.056	ppbv	
22) trans-1,2-Dichloroethene	4.468	96	1940m	0.043	ppbv	
23) Vinyl Acetate	4.626	43	2757m	0.058	ppbv	
24) 1,1-Dichloroethane	4.584	63	3038m	0.032	ppbv	
25) Ethyl Acetate	5.230	43	156853	0.684	ppbv #	76
26) Hexane	5.234	57	209261	2.150	ppbv #	38
29) Chloroform	5.285	83	5403m	0.038	ppbv	
34) 2-Butanone	4.825	43	5807m	0.048	ppbv	
35) Carbon Tetrachloride	6.510	117	4820m	0.037	ppbv	
39) 1,2-Dichloropropane	7.095	63	2861m	0.039	ppbv	
57) Chlorobenzene	11.536	112	6525m	0.041	ppbv	
59) m/p-Xylene	12.359	91	8411m	0.038	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	3026m	0.035	ppbv	
75) 1,3-Dichlorobenzene	16.346	146	4897m	0.033	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	5158m	0.034	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	6958m	0.062	ppbv	
79) Naphthalene	21.394	128	8065m	0.049	ppbv	
80) Naphthalene,2-methyl-	24.397	142	4404	0.071	ppbv #	81
81) 1,2,4-Trichlorobenzene	21.162	180	4834m	0.044	ppbv	

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

Manual Integrations

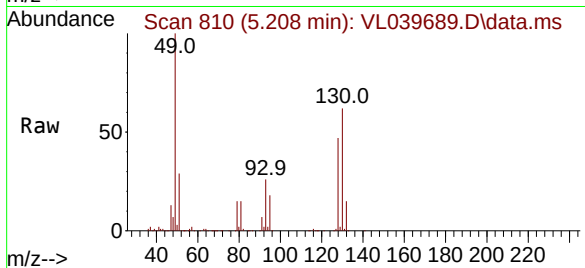
Quant Time: Oct 05 04:42:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

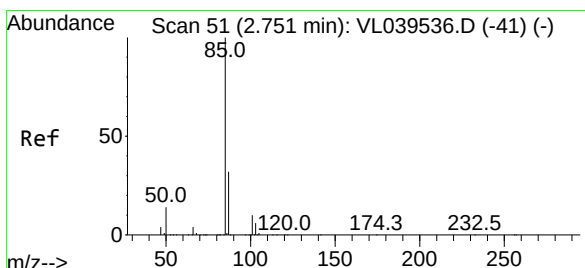
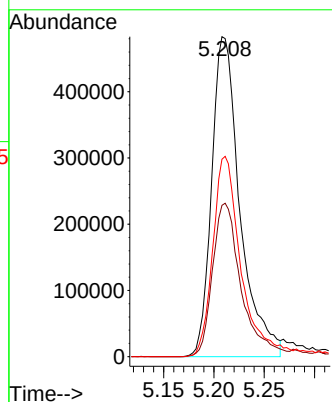
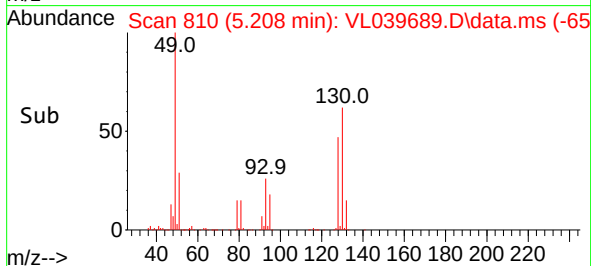
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 49 Resp: 94521
Ion Ratio Lower Upper
49 100
128 50.6 26.7 80.0
130 65.2 34.3 102.8

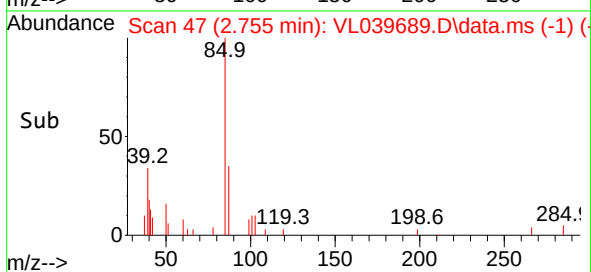
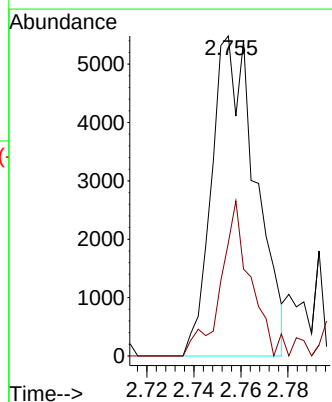
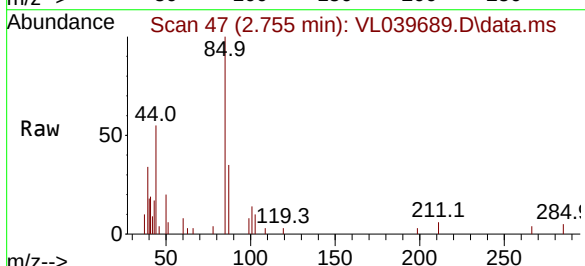
Manual Integrations
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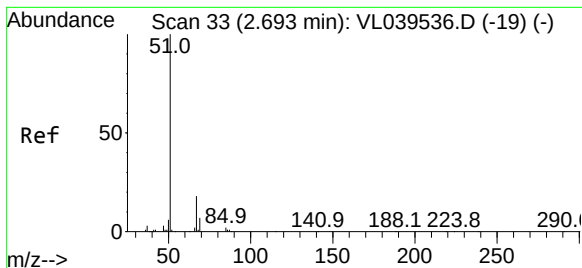
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#2
Dichlorodifluoromethane
Concen: 0.065 ppbv m
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

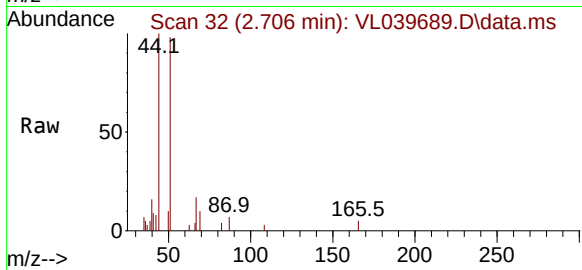
Tgt Ion: 85 Resp: 7143
Ion Ratio Lower Upper
85 100
87 35.4 26.7 40.1





#3
Chlorodifluoromethane
Concen: 0.085 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.014 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

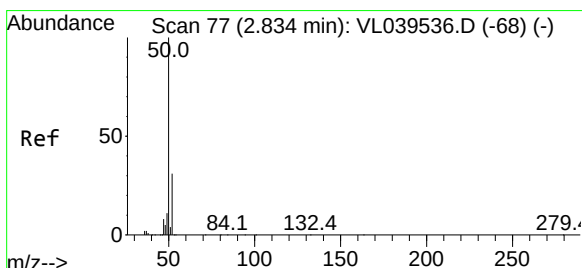
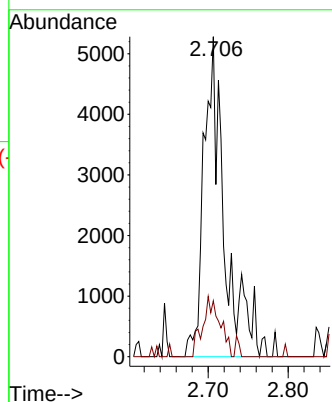
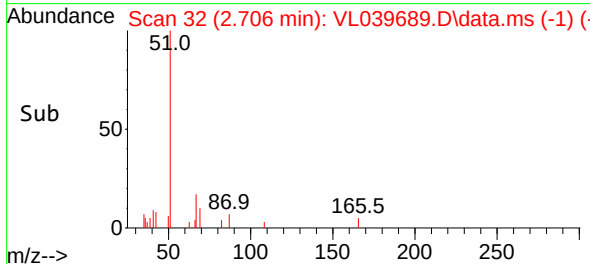
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



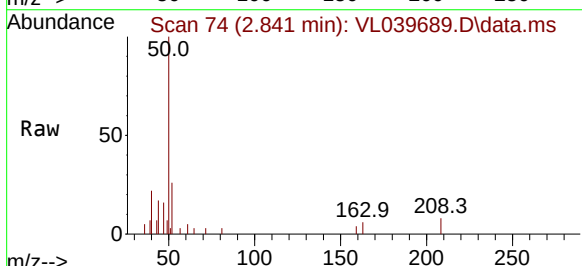
Tgt Ion: 51 Resp: 955
Ion Ratio Lower Upper
51 100
67 16.9 15.7 23.5

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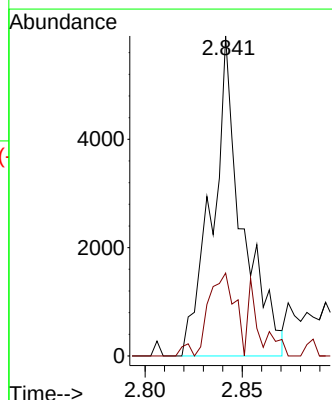
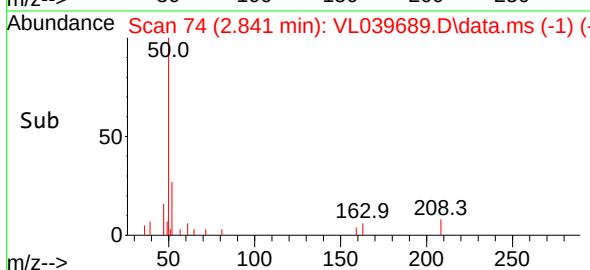
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

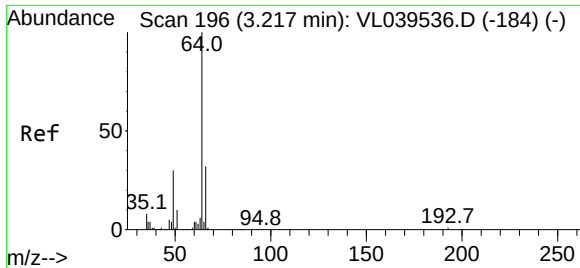


#4
Chloromethane
Concen: 0.094 ppbv m
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22



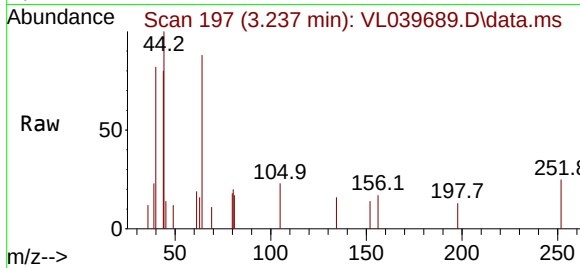
Tgt Ion: 50 Resp: 6380
Ion Ratio Lower Upper
50 100
52 25.9 26.5 39.7#





#7
Chloroethane
Concen: 0.057 ppbv m
RT: 3.237 min Scan# 196
Delta R.T. 0.020 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

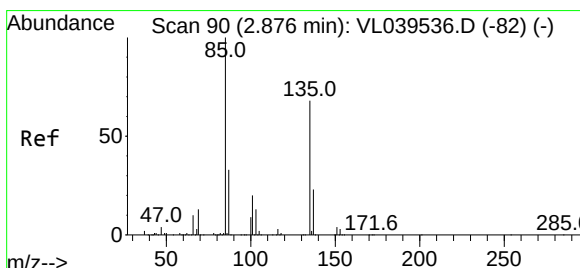
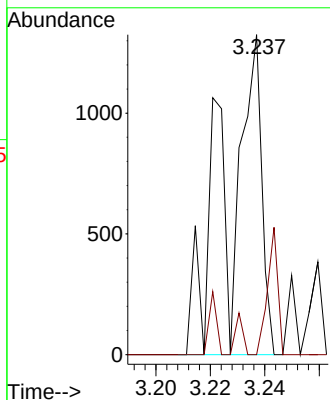
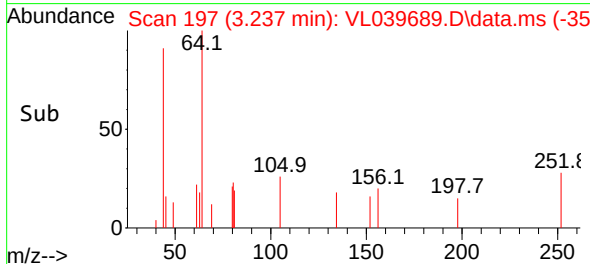
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



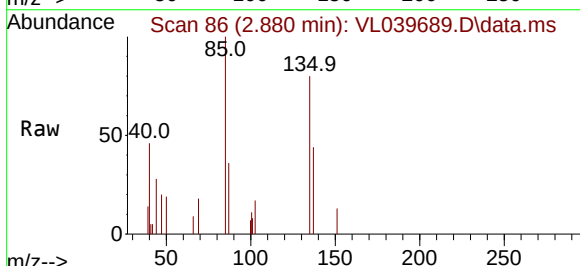
Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1

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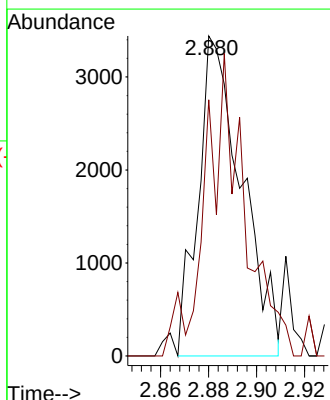
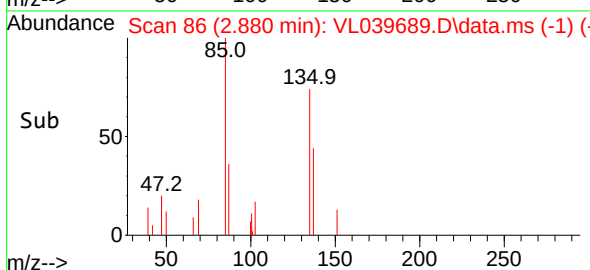
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

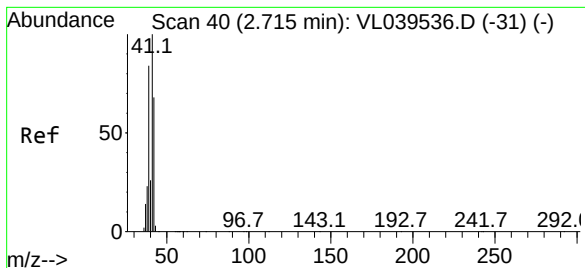


#8
Dichlorotetrafluoroethane
Concen: 0.033 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22



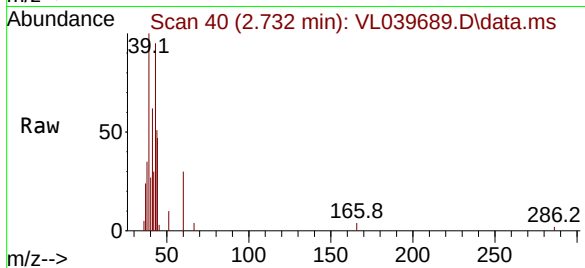
Tgt Ion: 85 Resp: 4335
Ion Ratio Lower Upper
85 100
135 87.2 59.0 88.4





#9
 Propene
 Concen: 0.147 ppbv
 RT: 2.732 min Scan# 40
 Delta R.T. 0.017 min
 Lab File: VL039689.D
 Acq: 4 Oct 2022 20:22

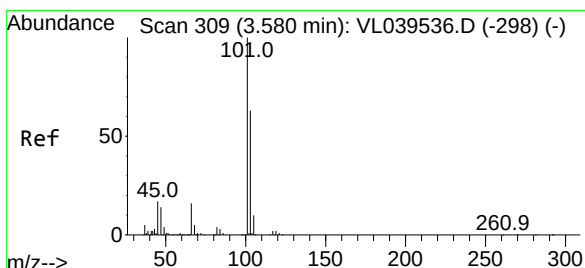
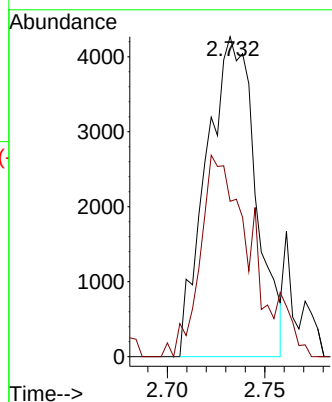
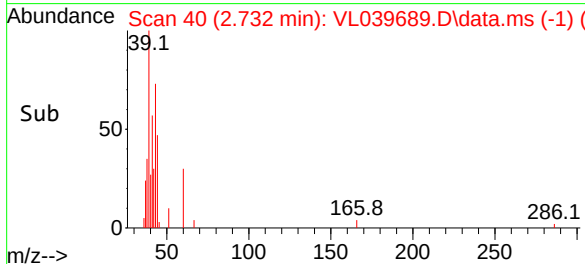
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022



Tgt Ion: 41 Resp: 751
 Ion Ratio Lower Upper
 41 100
 42 69.4 55.2 82.8

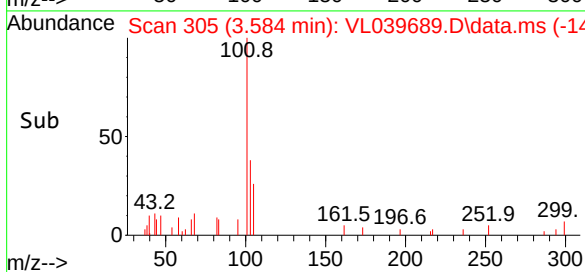
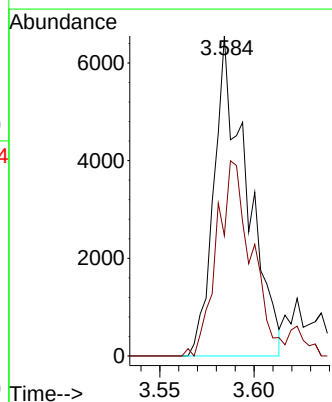
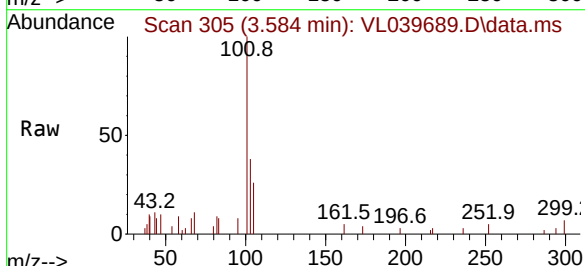
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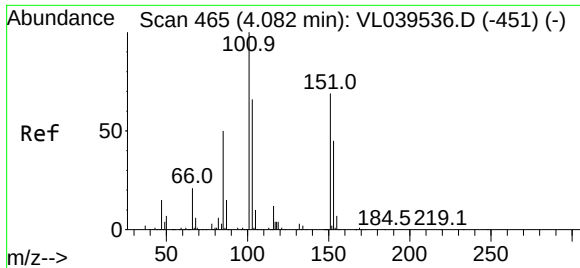
Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#11
 Trichlorofluoromethane
 Concen: 0.058 ppbv m
 RT: 3.584 min Scan# 305
 Delta R.T. 0.004 min
 Lab File: VL039689.D
 Acq: 4 Oct 2022 20:22

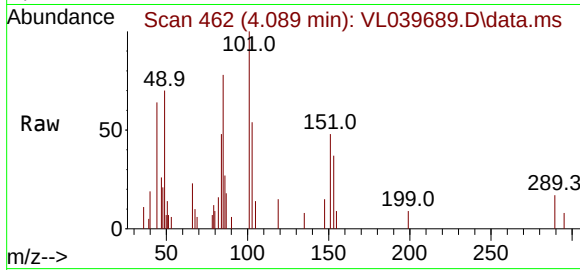
Tgt Ion:101 Resp: 7912
 Ion Ratio Lower Upper
 101 100
 103 37.6 51.8 77.8#





#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.046 ppbv m
RT: 4.089 min Scan# 401
Delta R.T. 0.007 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

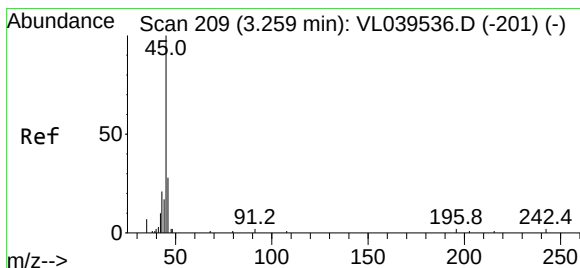
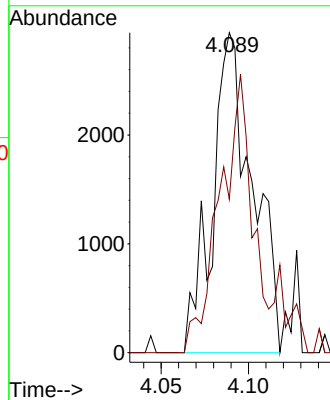
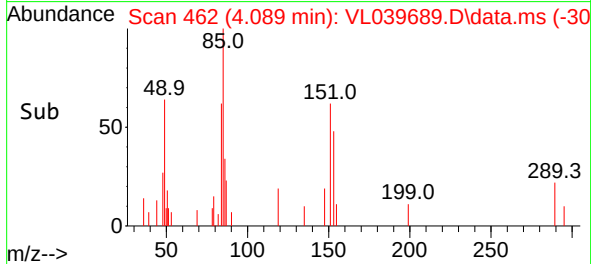
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 101 Resp: 467
Ion Ratio Lower Upper
101 100
151 0.0 58.9 88.3

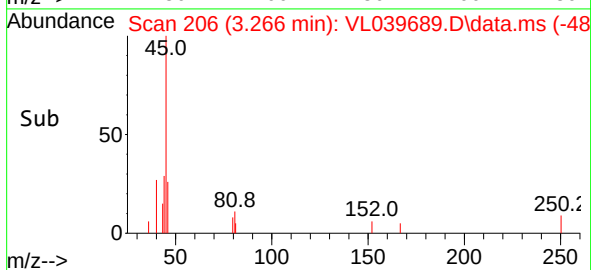
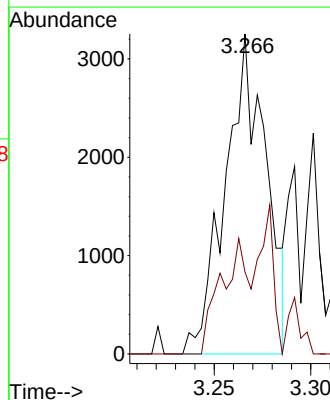
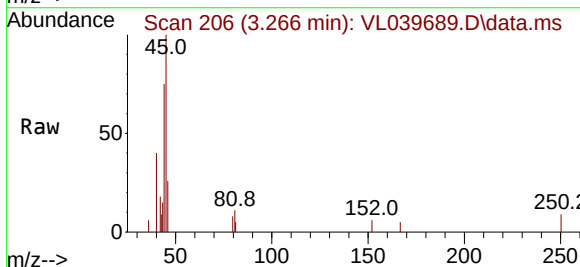
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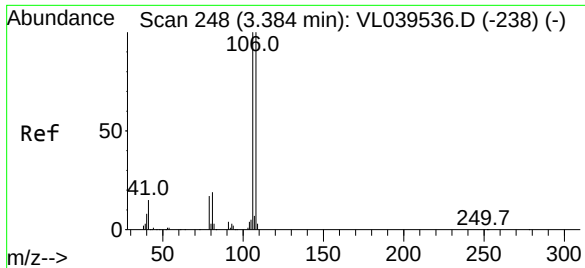
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#13
Ethanol
Concen: 1.215 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.007 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

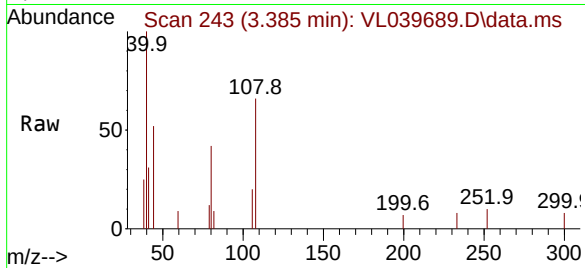
Tgt Ion: 45 Resp: 4741
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2





#14
Bromoethene
Concen: 0.031 ppbv m
RT: 3.385 min Scan# 248
Delta R.T. 0.001 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

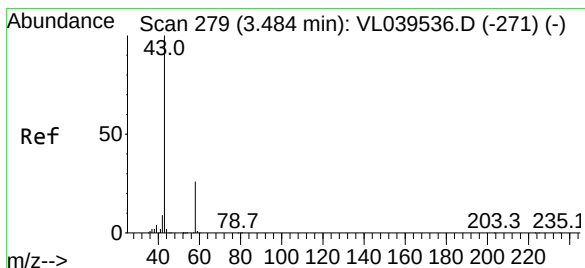
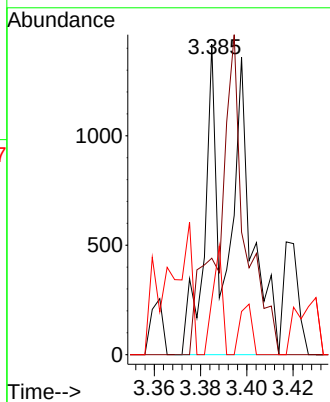
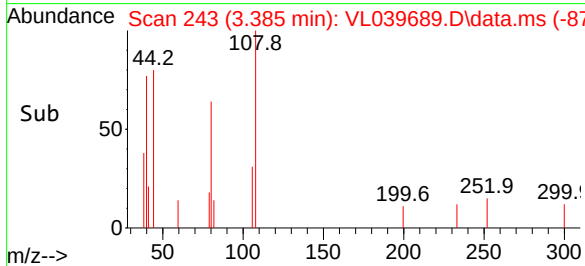
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion:108 Resp: 126
Ion Ratio Lower Upper
108 100
106 0.0 87.1 130.7
79 0.0 14.6 22.0

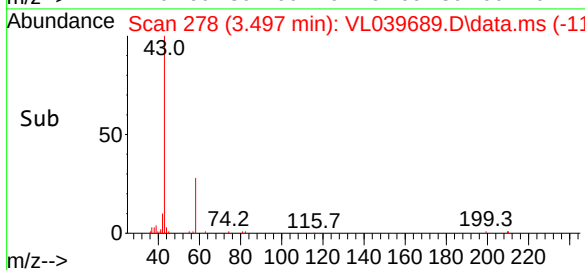
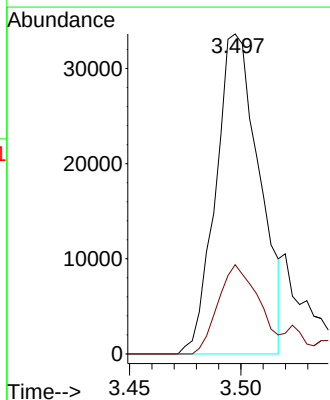
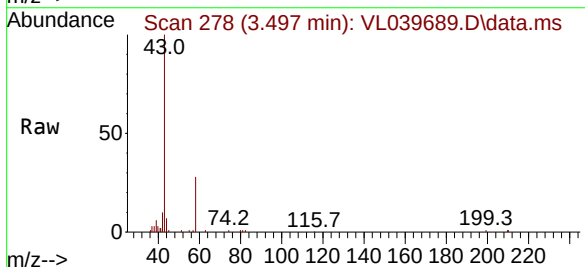
Manual Integrations
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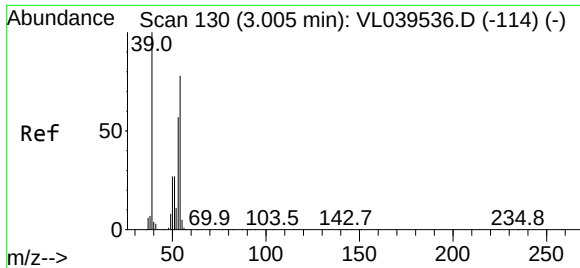
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#15
Acetone
Concen: 0.436 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.014 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

Tgt Ion: 43 Resp: 45903
Ion Ratio Lower Upper
43 100
58 31.2 21.0 31.6





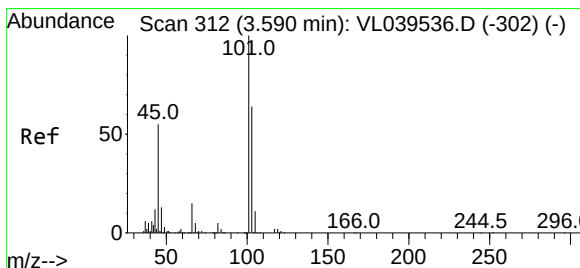
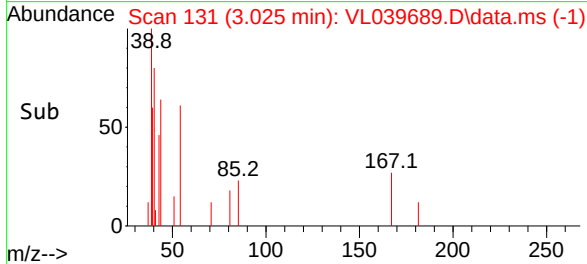
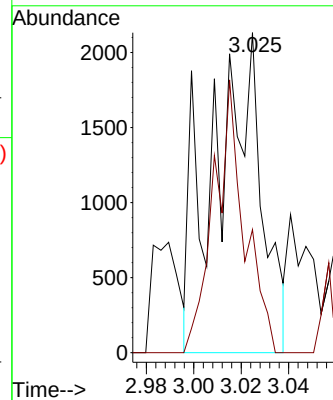
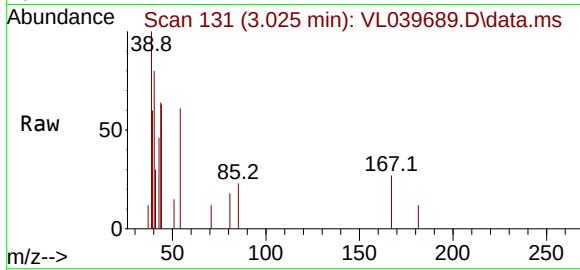
#16
1,3-Butadiene
Concen: 0.056 ppbv m
RT: 3.025 min Scan# 11
Delta R.T. 0.020 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion: 39 Resp: 298
Ion Ratio Lower Upper
39 100
54 0.0 63.7 95.5

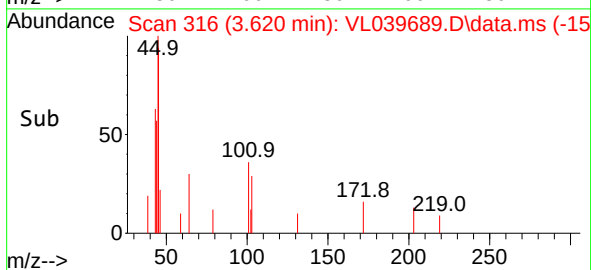
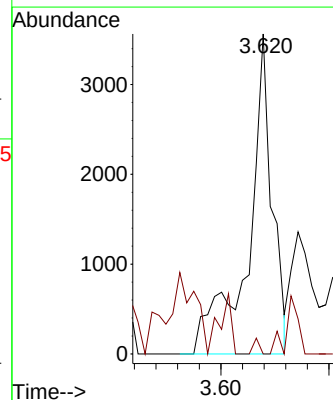
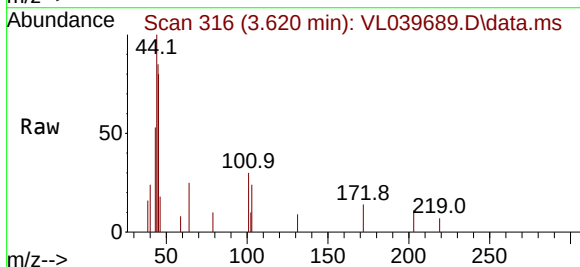
Manual Integrations
APPROVED

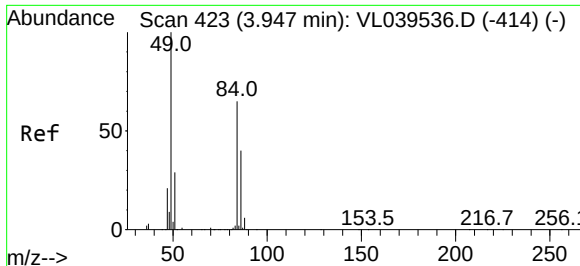
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#19
Isopropyl Alcohol
Concen: 0.051 ppbv m
RT: 3.620 min Scan# 316
Delta R.T. 0.030 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

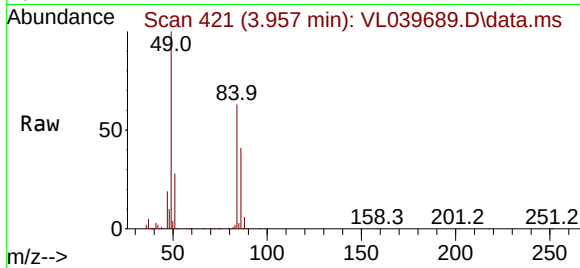
Tgt Ion: 45 Resp: 2726
Ion Ratio Lower Upper
45 100
58 69.4 3.2 4.8





#20
Methylene Chloride
Concen: 5.197 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

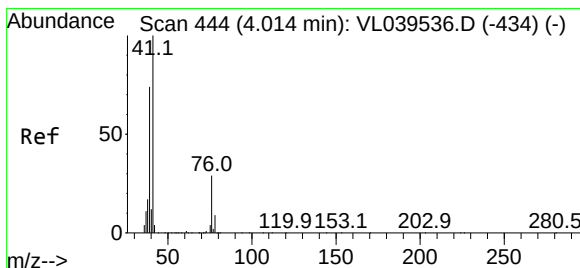
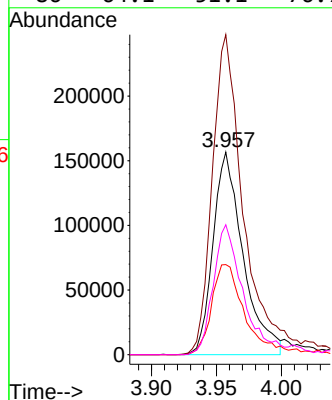
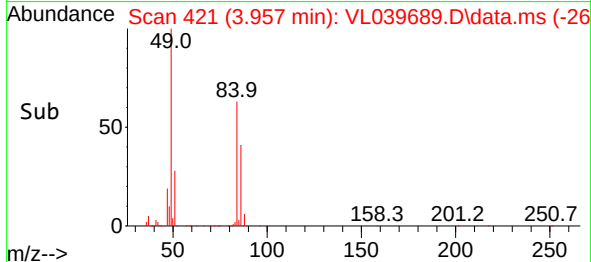
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 84 Resp: 25271
Ion Ratio Lower Upper
84 100
49 157.9 123.1 184.7
51 44.5 34.4 51.6
86 64.1 51.1 76.7

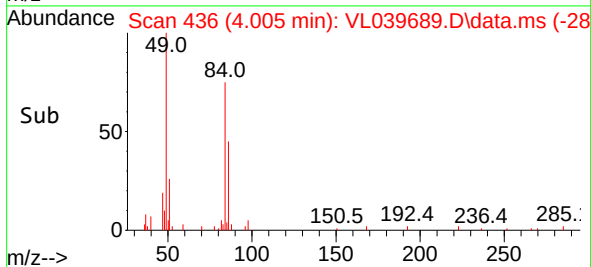
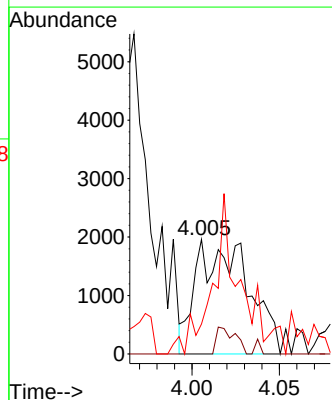
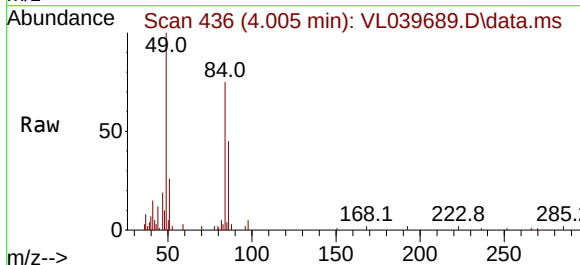
Manual Integrations
APPROVED

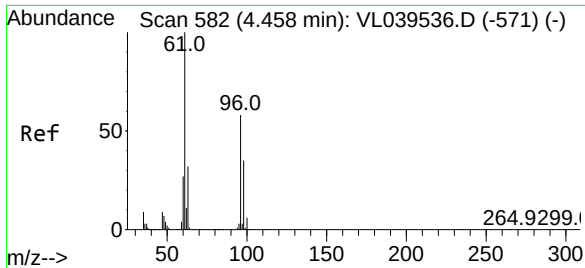
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#21
Allyl Chloride
Concen: 0.056 ppbv m
RT: 4.005 min Scan# 436
Delta R.T. -0.009 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

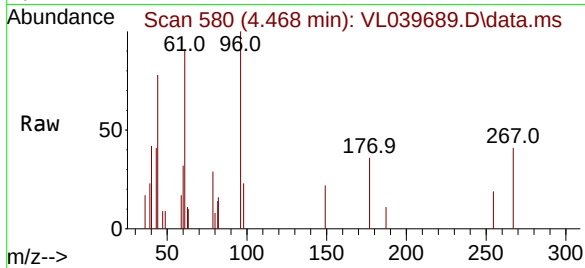
Tgt Ion: 41 Resp: 4011
Ion Ratio Lower Upper
41 100
76 9.7 24.4 36.6#
39 73.6 63.5 95.3





#22
trans-1,2-Dichloroethene
Concen: 0.043 ppbv m
RT: 4.468 min Scan# 582
Delta R.T. 0.010 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

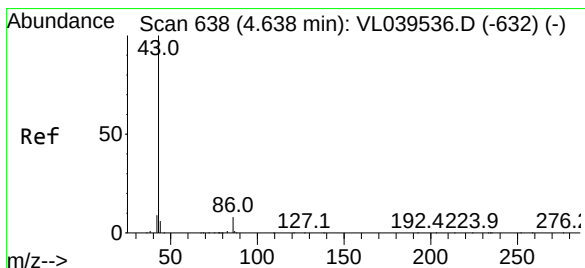
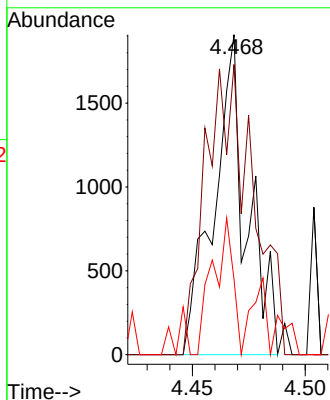
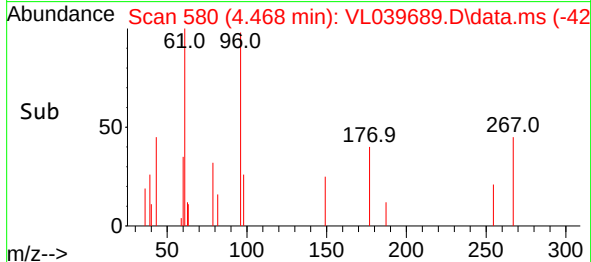
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 96 Resp: 1940
Ion Ratio Lower Upper
96 100
61 90.7 130.6 195.8#
98 23.5 53.4 80.0#

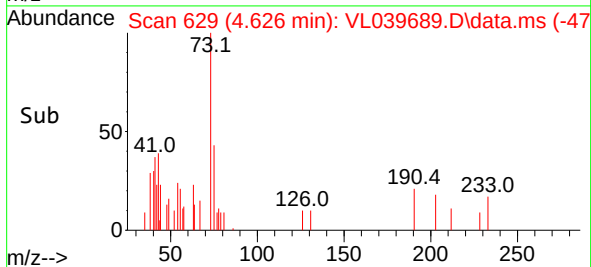
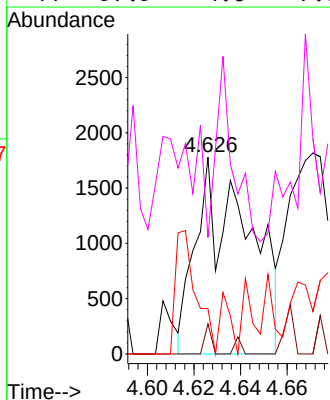
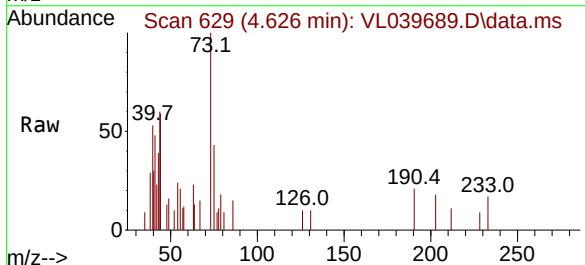
Manual Integrations
APPROVED

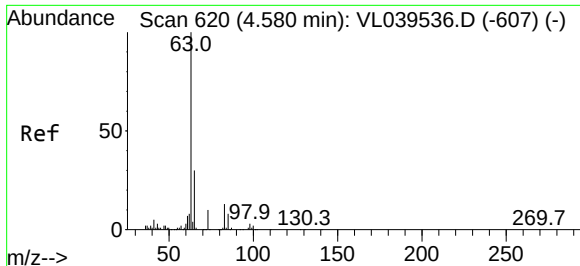
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#23
Vinyl Acetate
Concen: 0.058 ppbv m
RT: 4.626 min Scan# 629
Delta R.T. -0.012 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

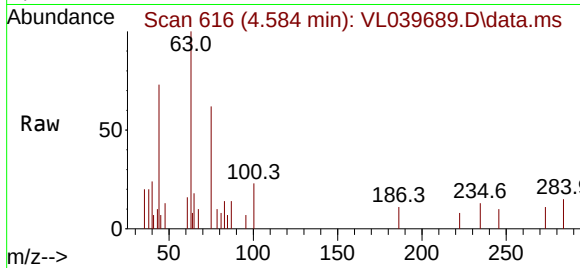
Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
86 25.3 5.0 7.6#
42 38.1 7.7 11.5#
44 97.9 4.6 7.0#





#24
1,1-Dichloroethane
Concen: 0.032 ppbv m
RT: 4.584 min Scan# 61
Delta R.T. 0.004 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

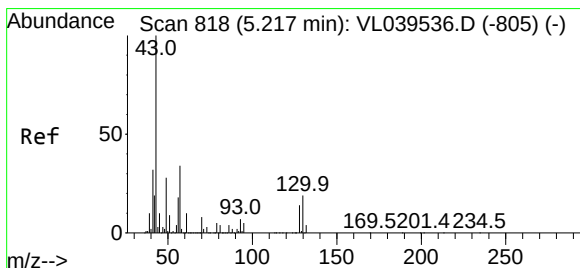
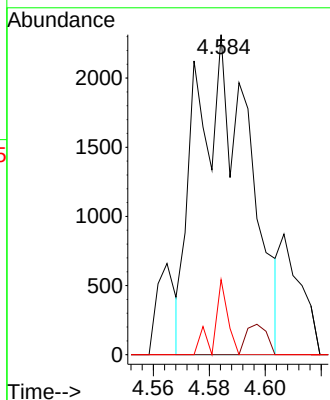
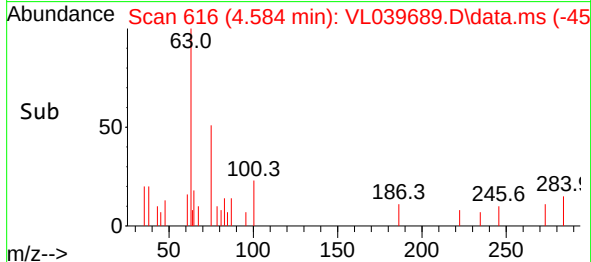
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 63 Resp: 3038
Ion Ratio Lower Upper
63 100
98 0.0 1.8 5.3#
100 23.5 1.5 4.4#

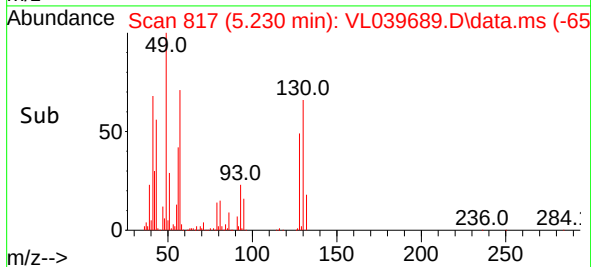
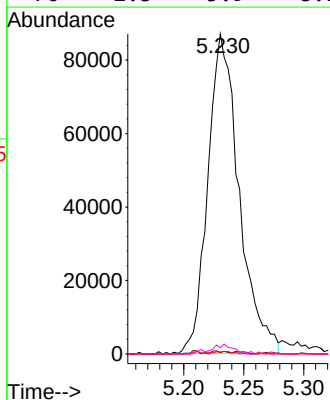
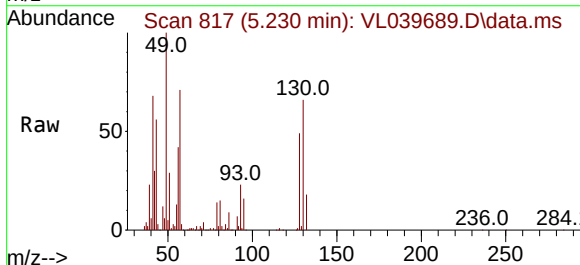
Manual Integrations
APPROVED

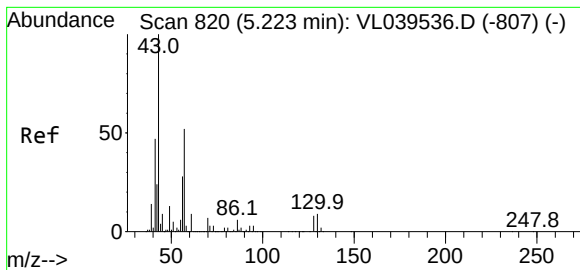
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#25
Ethyl Acetate
Concen: 0.684 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.014 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

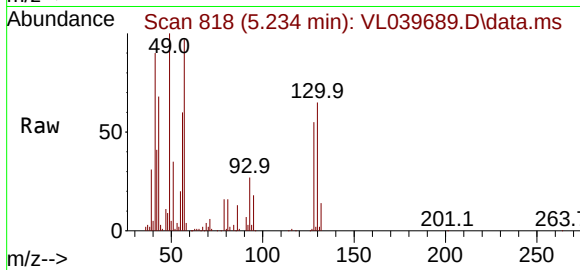
Tgt Ion: 43 Resp: 156853
Ion Ratio Lower Upper
43 100
45 0.7 8.2 12.4#
61 0.0 8.3 12.5#
70 2.3 5.9 8.9#





#26
Hexane
Concen: 2.150 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

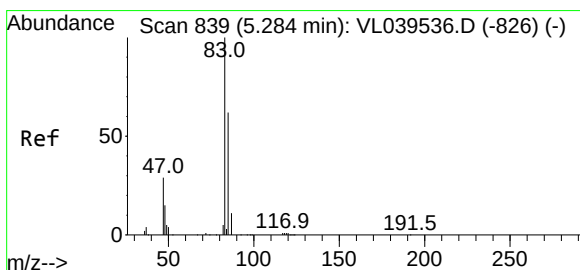
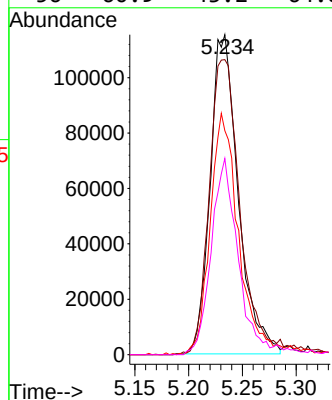
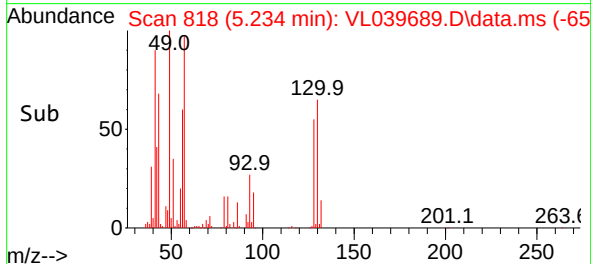
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 57 Resp: 20926
Ion Ratio Lower Upper
57 100
41 105.0 76.9 115.3
43 78.9 191.0 286.6
56 60.9 43.2 64.8

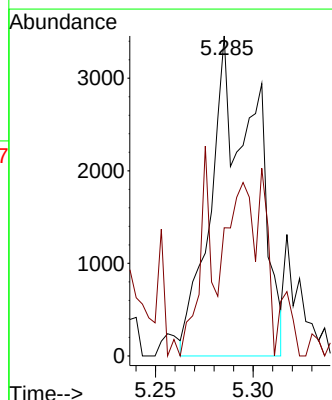
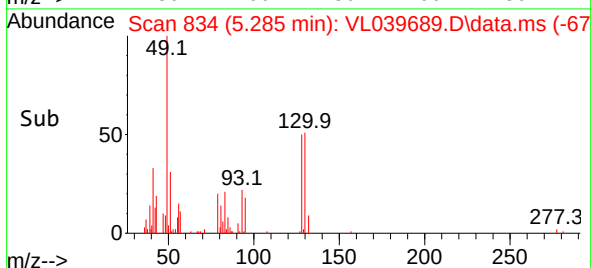
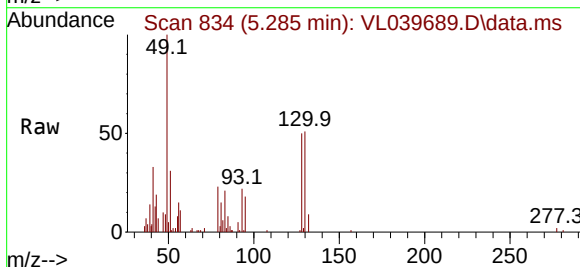
Manual Integrations
APPROVED

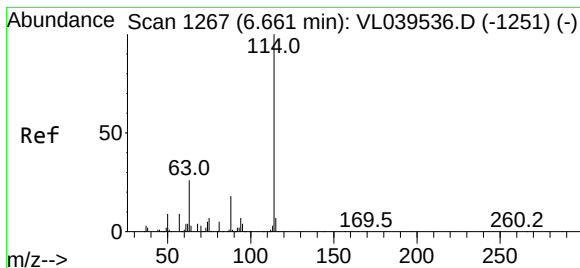
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#29
Chloroform
Concen: 0.038 ppbv m
RT: 5.285 min Scan# 834
Delta R.T. 0.001 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

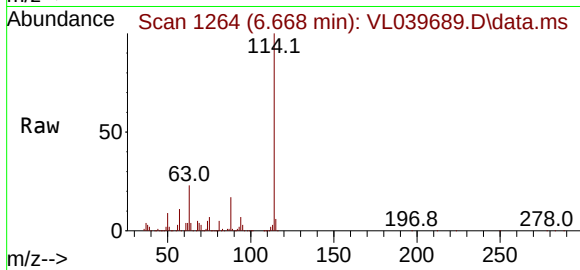
Tgt Ion: 83 Resp: 5403
Ion Ratio Lower Upper
83 100
85 40.0 52.8 79.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

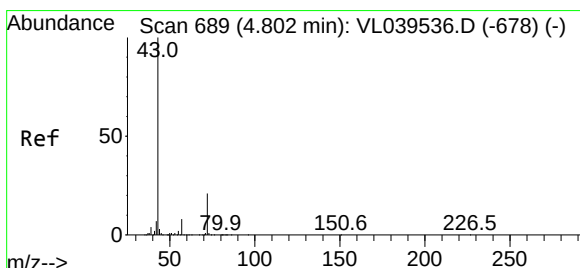
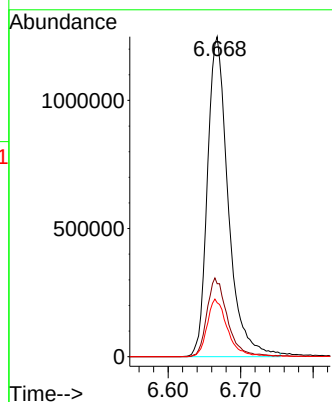
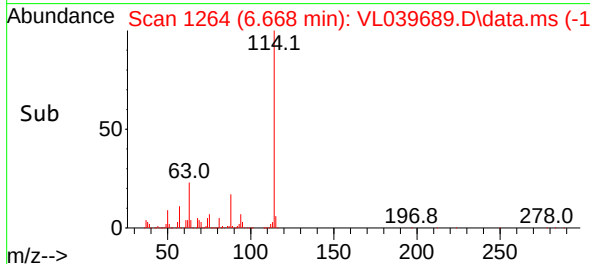
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion:114 Resp: 2485938
Ion Ratio Lower Upper
114 100
63 24.5 20.2 30.4
88 17.9 14.5 21.7

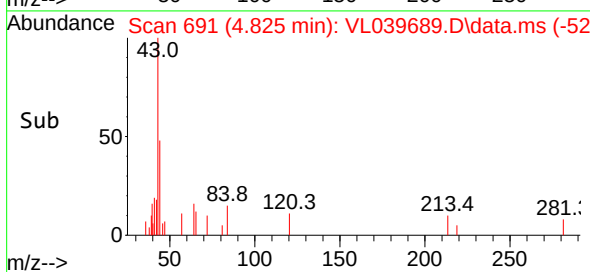
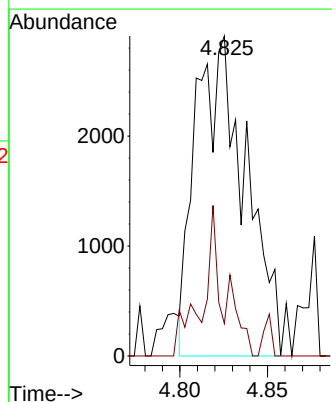
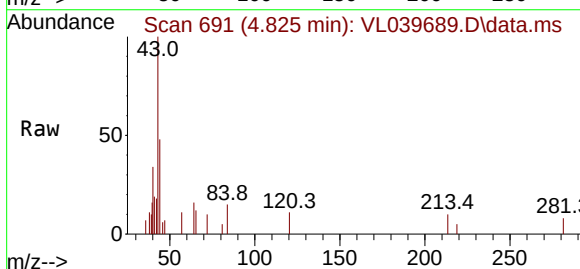
Manual Integrations
APPROVED

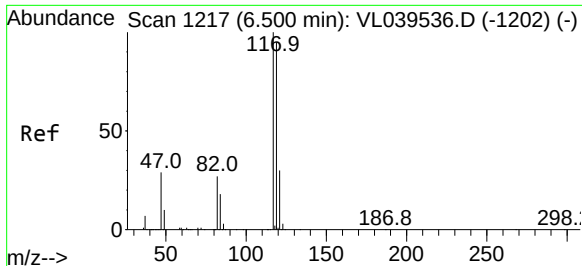
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#34
2-Butanone
Concen: 0.048 ppbv m
RT: 4.825 min Scan# 691
Delta R.T. 0.023 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

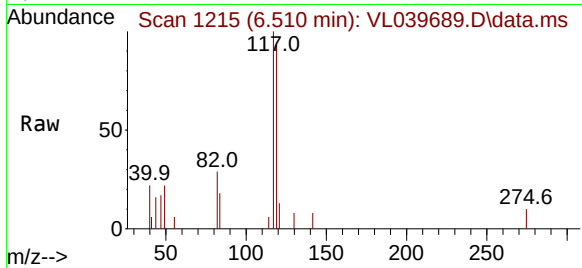
Tgt Ion: 43 Resp: 5807
Ion Ratio Lower Upper
43 100
72 22.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.037 ppbv m
RT: 6.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

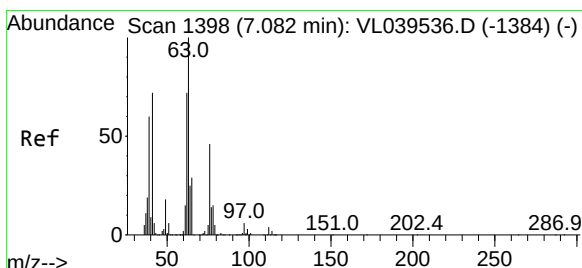
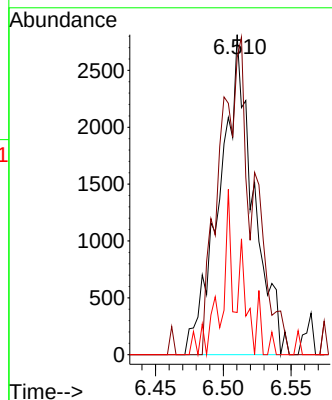
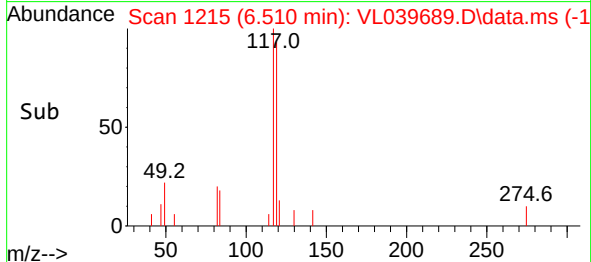
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 117 Resp: 4820
Ion Ratio Lower Upper
117 100
119 92.9 75.4 113.2
121 13.2 24.2 36.2

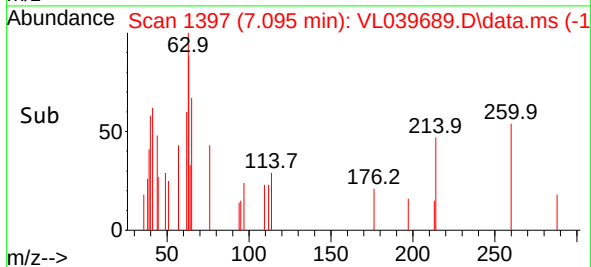
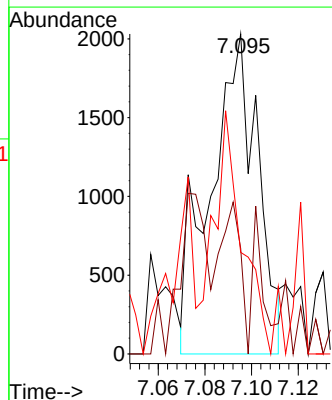
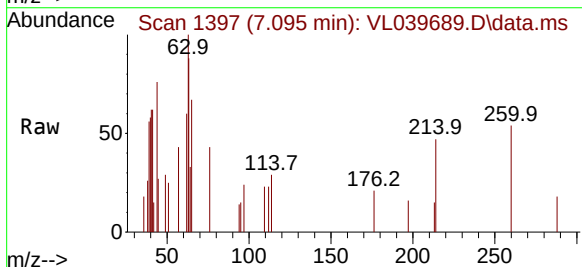
Manual Integrations
APPROVED

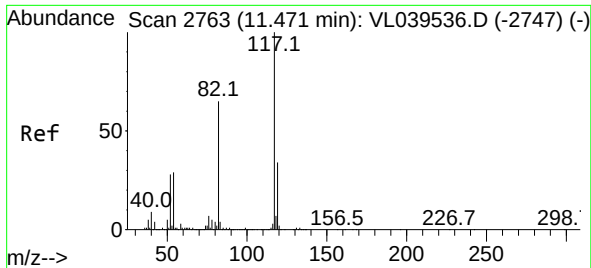
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#39
1,2-Dichloropropane
Concen: 0.039 ppbv m
RT: 7.095 min Scan# 1397
Delta R.T. 0.014 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

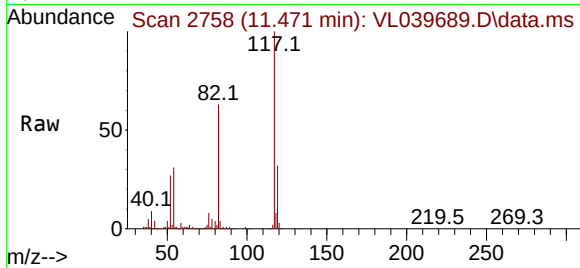
Tgt Ion: 63 Resp: 2861
Ion Ratio Lower Upper
63 100
41 62.0 59.6 89.4
62 59.7 51.4 77.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2763
Delta R.T. 0.001 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

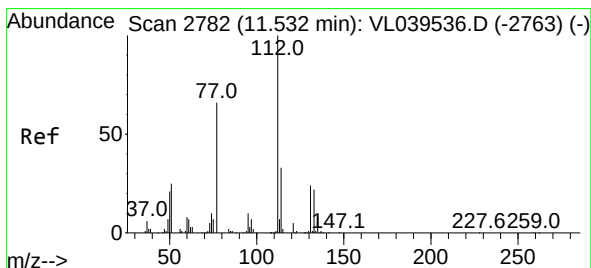
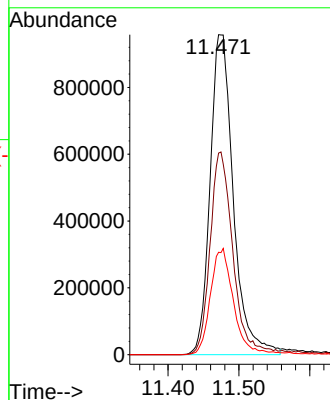
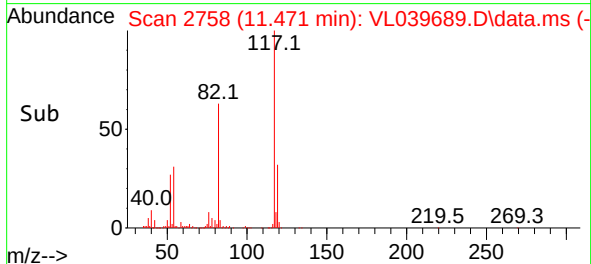
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion:117 Resp: 2184529
Ion Ratio Lower Upper
117 100
82 63.9 50.8 76.2
119 33.8 24.1 36.1

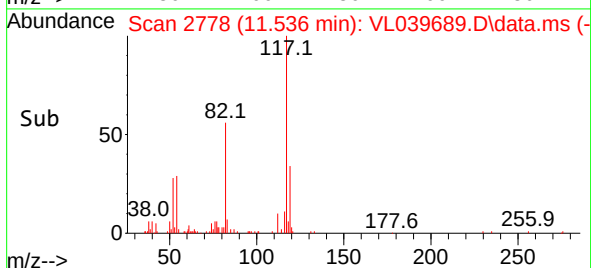
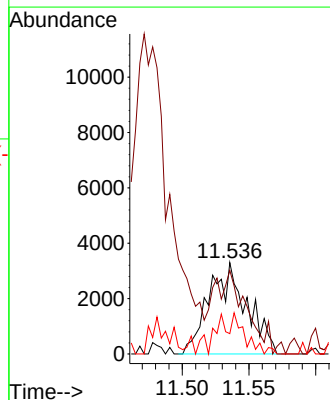
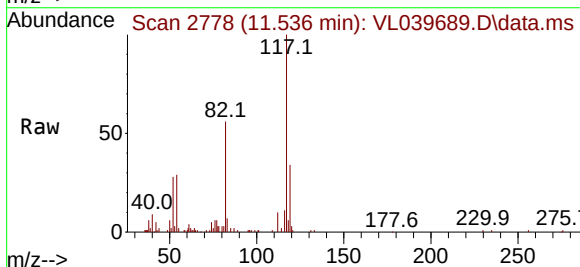
Manual Integrations
APPROVED

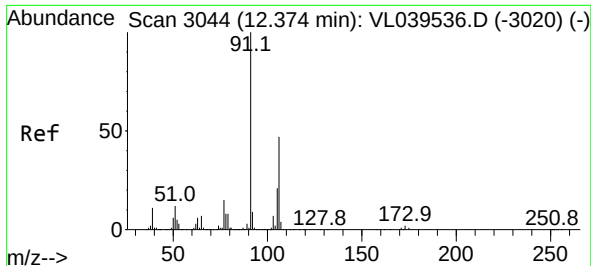
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#57
Chlorobenzene
Concen: 0.041 ppbv m
RT: 11.536 min Scan# 2778
Delta R.T. 0.004 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

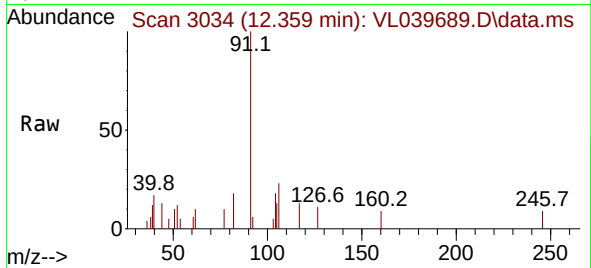
Tgt Ion:112 Resp: 6525
Ion Ratio Lower Upper
112 100
77 58.0 51.0 76.4
114 22.2 27.5 33.6#





#59
m/p-Xylene
Concen: 0.038 ppbv m
RT: 12.359 min Scan# 3044
Delta R.T. -0.015 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

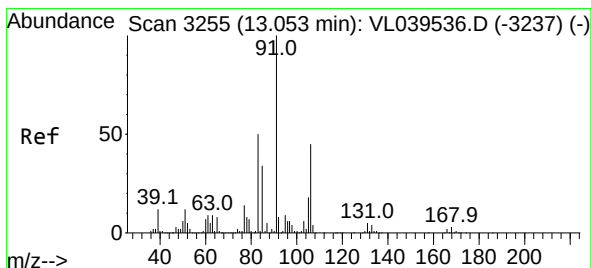
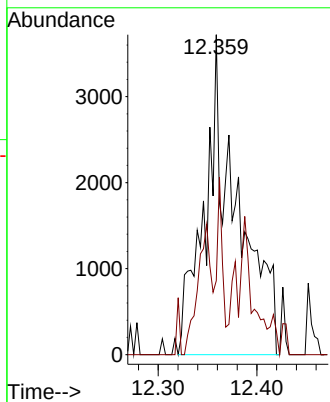
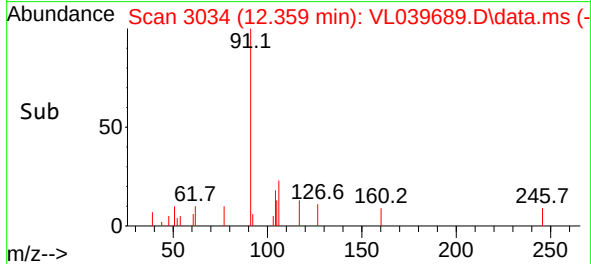
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



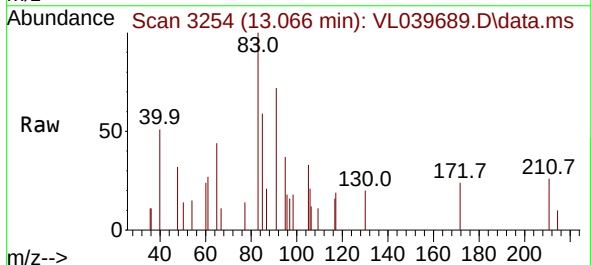
Tgt Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

Manual Integrations
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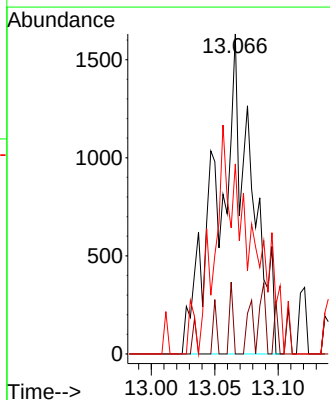
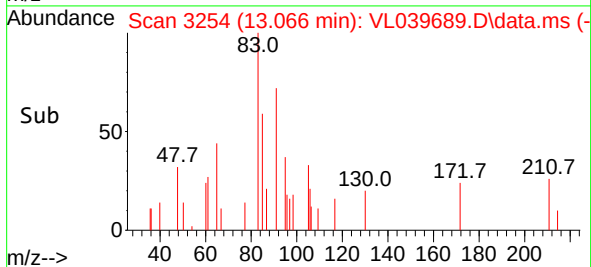
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

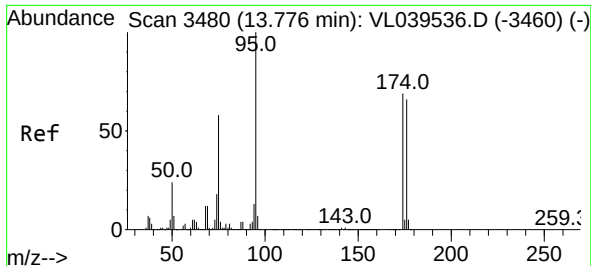


#63
1,1,2,2-Tetrachloroethane
Concen: 0.035 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.014 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22



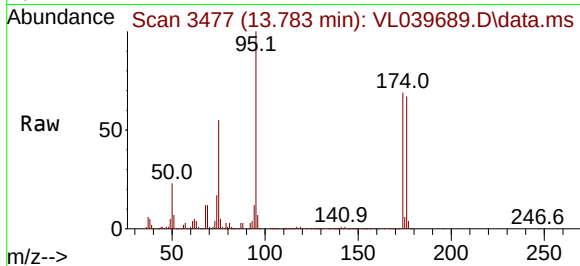
Tgt Ion: 83 Resp: 3026
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 0.0 33.1 99.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.726 ppbv
RT: 13.783 min Scan# 3480
Delta R.T. 0.007 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

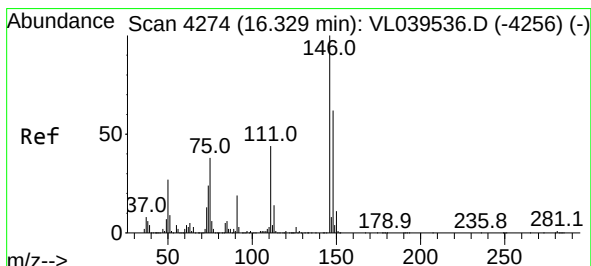
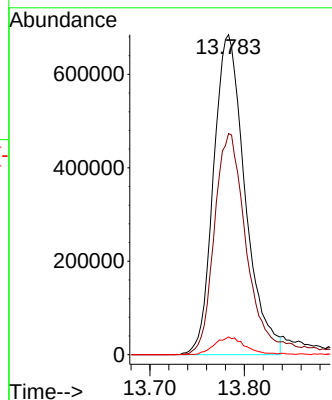
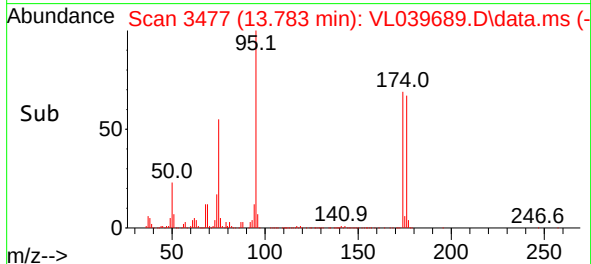
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



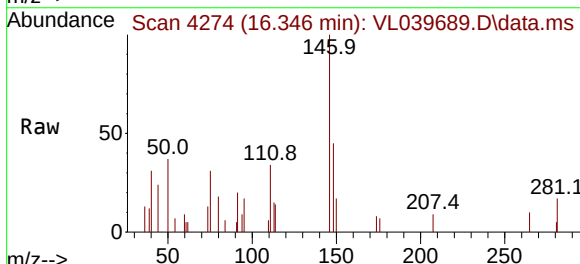
Tgt Ion: 95 Resp: 158604
Ion Ratio Lower Upper
95 100
174 74.1 55.9 83.9
175 5.7 4.2 6.4

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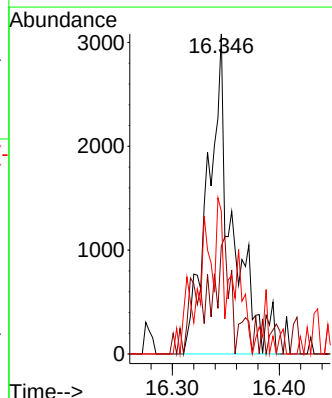
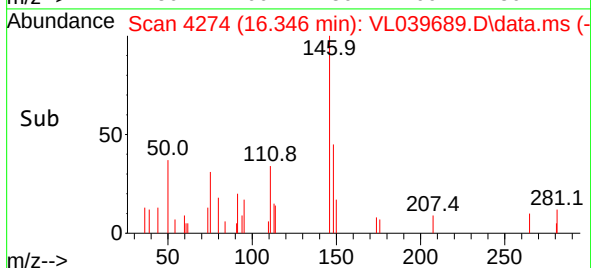
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

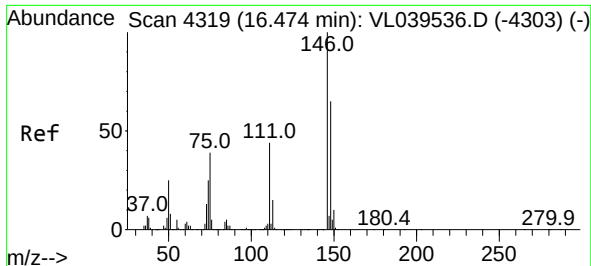


#75
1,3-Dichlorobenzene
Concen: 0.033 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.017 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22



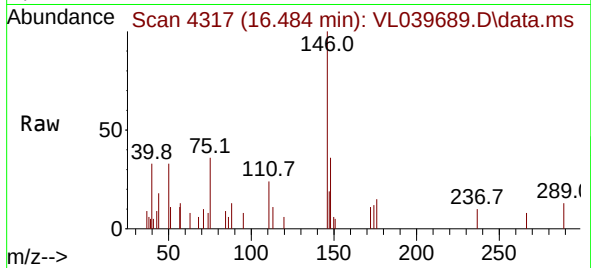
Tgt Ion:146 Resp: 4897
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.7#
148 0.0 32.1 96.5#





#76
1,4-Dichlorobenzene
Concen: 0.034 ppbv m
RT: 16.484 min Scan# 4319
Delta R.T. 0.010 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

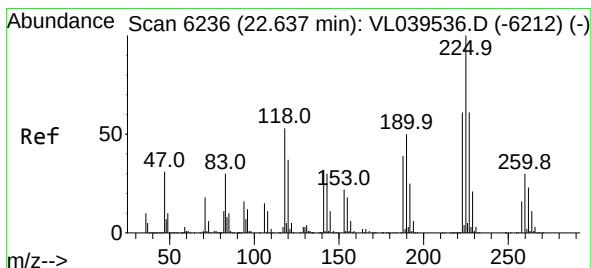
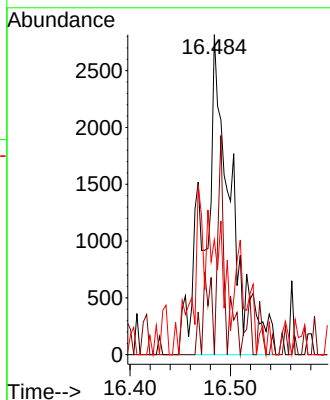
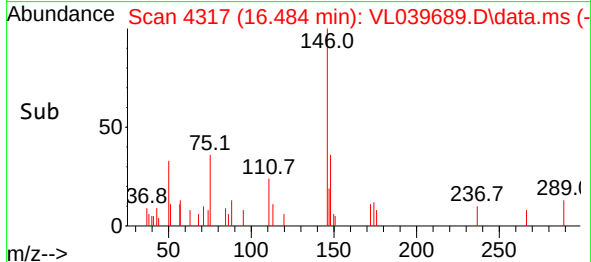
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



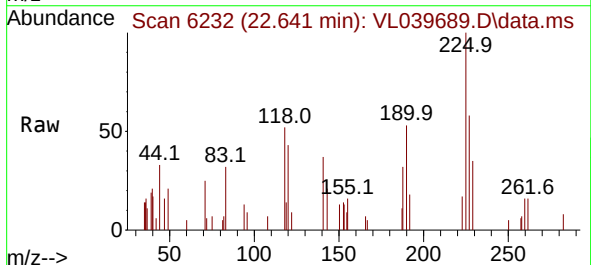
Tgt Ion:146 Resp: 5158
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8
148 62.7 33.6 100.8

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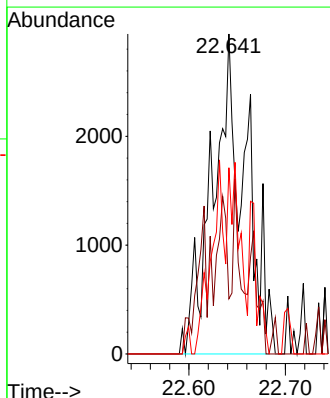
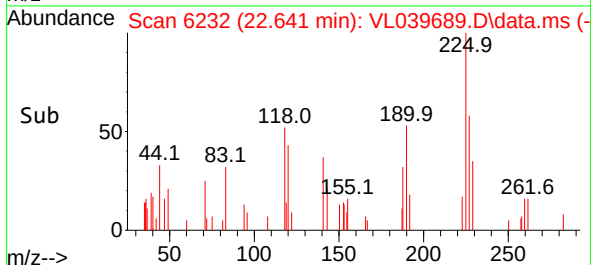
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

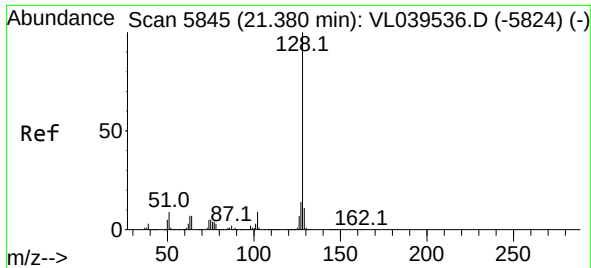


#78
Hexachloro-1,3-Butadiene
Concen: 0.062 ppbv m
RT: 22.641 min Scan# 6232
Delta R.T. 0.004 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22



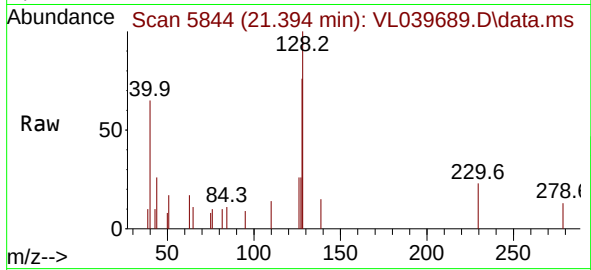
Tgt Ion:225 Resp: 6958
Ion Ratio Lower Upper
225 100
223 0.0 51.8 77.6
227 58.1 51.4 77.2





#79
Naphthalene
Concen: 0.049 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.014 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22

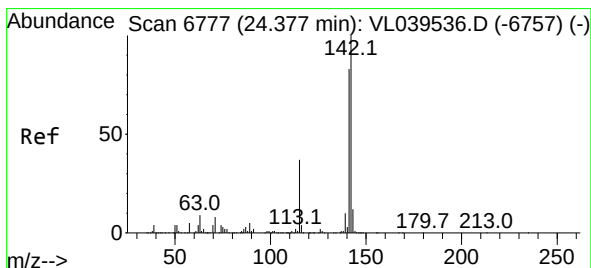
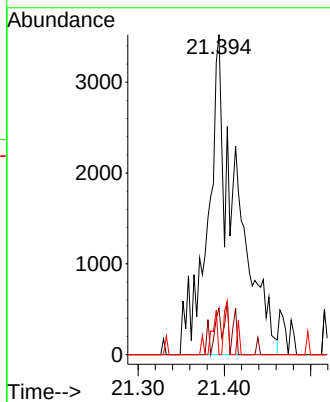
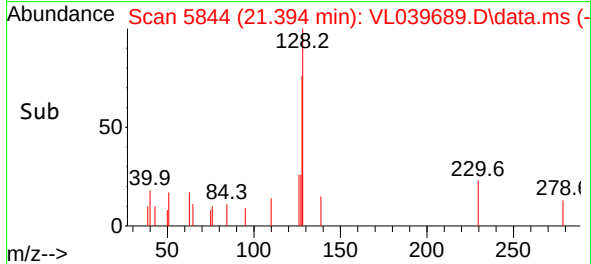
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



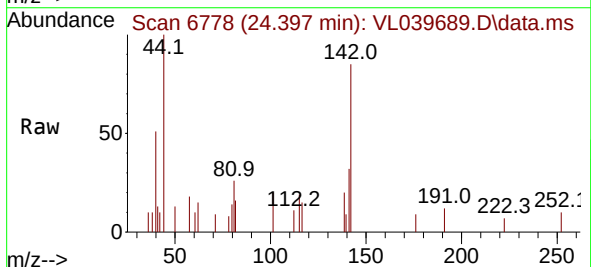
Tgt Ion:128 Resp: 806
Ion Ratio Lower Upper
128 100
127 75.7 10.6 15.8
129 0.0 8.8 13.2

Manual Integrations
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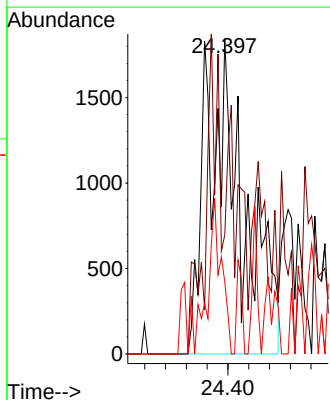
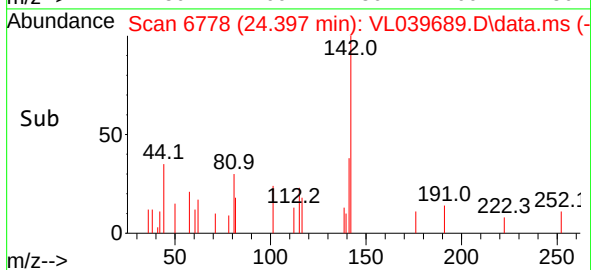
Reviewed By :Krupa Patel 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

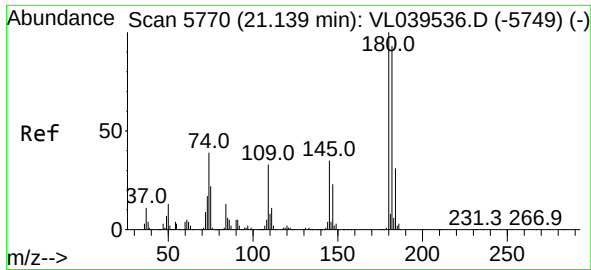


#80
Naphthalene,2-methyl-
Concen: 0.071 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.020 min
Lab File: VL039689.D
Acq: 4 Oct 2022 20:22



Tgt Ion:142 Resp: 4404
Ion Ratio Lower Upper
142 100
141 68.0 68.9 103.3#
115 27.8 30.0 45.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.044 ppbv m

RT: 21.162 min Scan# 51

Delta R.T. 0.023 min

Lab File: VL039689.D

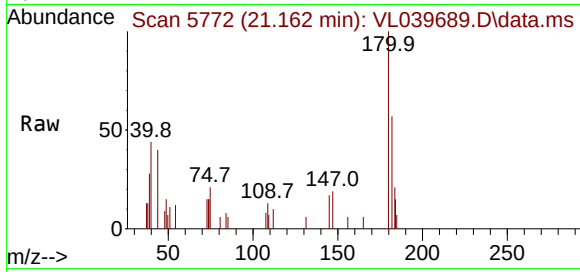
Acq: 4 Oct 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022



Tgt Ion:180	Resp:	4834
Ion Ratio	Lower	Upper
180	100	
182	0.0	77.1 115.7
184	0.0	24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022

