

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039597.D
 Acq On : 26 Aug 2022 10:21
 Operator : SY/AP
 Sample : N3980-15 0.01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 27 00:03:22 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 08/29/2022
 Supervised By : Semsettin Yesilyurt 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.208	49	990282	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2596199	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2282335	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1647527	9.568	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	19321	0.147	ppbv	98
3) Chlorodifluoromethane	2.697	51	12966	0.110	ppbv	95
4) Chloromethane	2.838	50	7663	0.108	ppbv #	80
5) Vinyl Chloride	2.948	62	6129m	0.107	ppbv	
6) Bromomethane	3.140	94	2662m	0.109	ppbv	
7) Chloroethane	3.227	64	3041m	0.142	ppbv	
8) Dichlorotetrafluoroethane	2.877	85	16170	0.115	ppbv	100
9) Propene	2.719	41	12805m	0.237	ppbv	
10) Heptane	7.584	43	9649m	0.077	ppbv	
11) Trichlorofluoromethane	3.584	101	16051m	0.111	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.083	101	12269m	0.115	ppbv	
13) Ethanol	3.279	45	1094m	0.282	ppbv	
14) Bromoethene	3.394	108	3147	0.072	ppbv #	1
15) Acetone	3.510	43	22961m	0.207	ppbv	
16) 1,3-Butadiene	3.009	39	7440m	0.129	ppbv	
17) tert-Butyl alcohol	3.925	59	13124m	0.139	ppbv	
18) 1,1-Dichloroethene	3.893	96	5385m	0.112	ppbv	
19) Isopropyl Alcohol	3.620	45	8667m	0.161	ppbv	
20) Methylene Chloride	3.957	84	14754	0.327	ppbv	85
21) Allyl Chloride	4.018	41	7028m	0.097	ppbv	
22) trans-1,2-Dichloroethene	4.465	96	5104m	0.107	ppbv	
23) Vinyl Acetate	4.668	43	9327m	0.177	ppbv	
24) 1,1-Dichloroethane	4.578	63	10215m	0.105	ppbv	
25) Ethyl Acetate	5.230	43	24899m	0.105	ppbv	
26) Hexane	5.224	57	12590m	0.130	ppbv	
27) Carbon Disulfide	4.144	76	7889m	0.076	ppbv	
28) Methyl tert-Butyl Ether	4.629	73	8827m	0.106	ppbv	
29) Chloroform	5.292	83	16260m	0.107	ppbv	
30) Cyclohexane	6.645	84	7001m	0.087	ppbv	
31) cis-1,2-Dichloroethene	5.089	61	8942m	0.095	ppbv	
32) 1,1,1-Trichloroethane	6.018	97	11466	0.086	ppbv #	87
34) 2-Butanone	4.825	43	14172m	0.110	ppbv	
35) Carbon Tetrachloride	6.497	117	13275m	0.095	ppbv	
36) Benzene	6.382	78	17853m	0.090	ppbv	
37) 1,2-Dichloroethane	5.819	62	9565	0.088	ppbv #	93
38) Trichloroethene	7.304	130	9967m	0.094	ppbv	
39) 1,2-Dichloropropane	7.082	63	8098m	0.109	ppbv	
40) 1,4-Dioxane	7.365	88	2833m	0.097	ppbv	
41) Tetrahydrofuran	5.600	42	5878m	0.076	ppbv	
42) Bromodichloromethane	7.256	83	11684	0.078	ppbv #	96
43) Methyl Methacrylate	7.494	69	4663m	0.065	ppbv	
44) 2,2,4-Trimethylpentane	7.346	57	23108m	0.069	ppbv	
45) t-1,3-Dichloropropene	8.706	75	3044m	0.049	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
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Quant Time: Aug 27 00:03:22 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

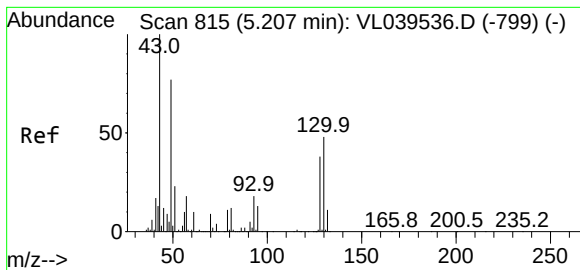
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

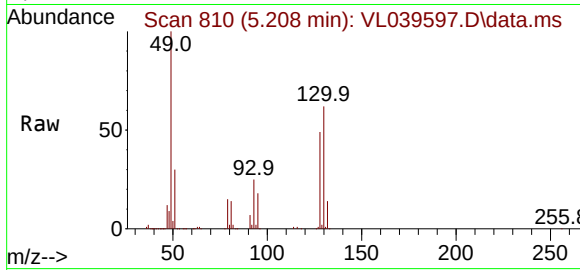
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	5315m	0.062	ppbv	
47) 1,1,2-Trichloroethane	8.906	97	8661m	0.102	ppbv	
48) Dibromochloromethane	9.719	129	9262m	0.074	ppbv	
49) Bromoform	12.410	173	6069m	0.058	ppbv	
50) 4-Methyl-2-Pentanone	8.230	43	13655m	0.068	ppbv	
51) 2-Hexanone	9.597	43	8534m	0.058	ppbv	
52) Tetrachloroethene	10.613	164	7670m	0.102	ppbv	
53) Toluene	9.230	91	12981m	0.059	ppbv	
54) 1,2-Dibromoethane	10.002	107	8030m	0.084	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	8954m	0.097	ppbv	
57) Chlorobenzene	11.526	112	17939m	0.105	ppbv	
58) Ethyl Benzene	12.092	91	17338m	0.066	ppbv	
59) m/p-Xylene	12.391	91	27782m	0.118	ppbv	
60) o-Xylene	13.073	91	12663m	0.056	ppbv	
61) Styrene	12.909	104	6646m	0.055	ppbv	
62) Isopropylbenzene	14.040	105	26005m	0.076	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.056	83	12514m	0.117	ppbv	
64) n-propylbenzene	14.921	120	5252m	0.059	ppbv	
65) tert-Butylbenzene	16.111	119	18934m	0.062	ppbv	
66) Benzyl Chloride	16.333	91	1231m	0.050	ppbv	
67) sec-Butylbenzene	16.645	105	29958m	0.070	ppbv	
69) p-Isopropyltoluene	16.998	119	21583m	0.060	ppbv	
70) n-Butylbenzene	17.905	91	22755m	0.064	ppbv	
71) 2-Chlorotoluene	14.806	91	17740m	0.072	ppbv	
72) 4-Ethyltoluene	15.208	105	14667m	0.056	ppbv	
73) 1,3,5-Trimethylbenzene	15.365	105	14594m	0.060	ppbv	
74) 1,2,4-Trimethylbenzene	16.124	105	16110m	0.060	ppbv	
75) 1,3-Dichlorobenzene	16.333	146	16214m	0.099	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	15705m	0.096	ppbv	
77) 1,2-Dichlorobenzene	17.153	146	14398m	0.090	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	16099m	0.126	ppbv	
79) Naphthalene	21.400	128	12009m	0.063	ppbv	
81) 1,2,4-Trichlorobenzene	21.156	180	9888m	0.077	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
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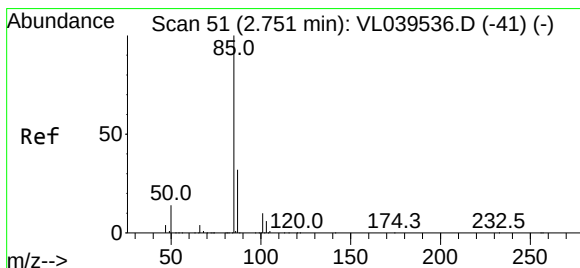
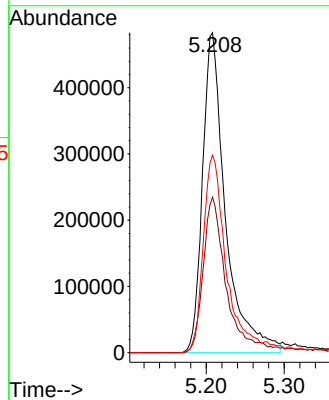
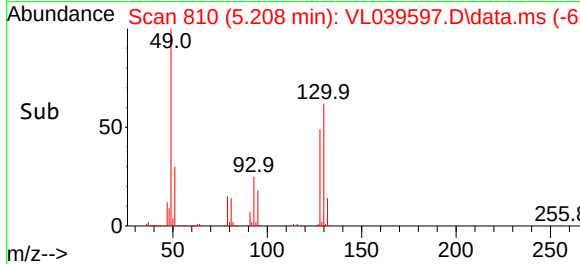
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 49 Resp: 99028
Ion Ratio Lower Upper
49 100
128 51.5 26.7 80.0
130 65.6 34.3 102.8

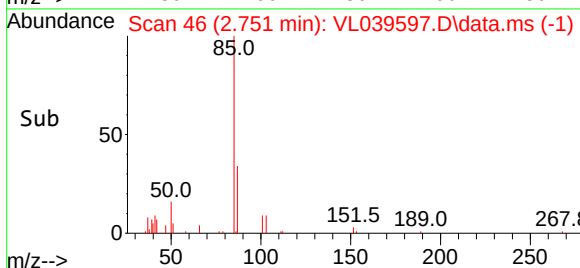
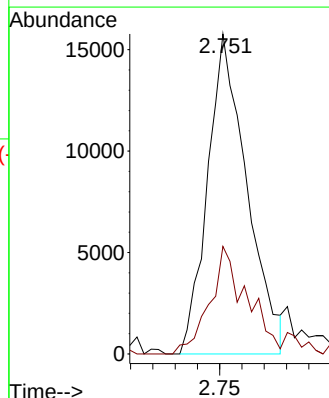
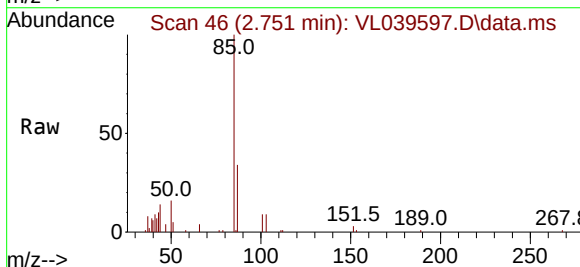
Manual Integrations
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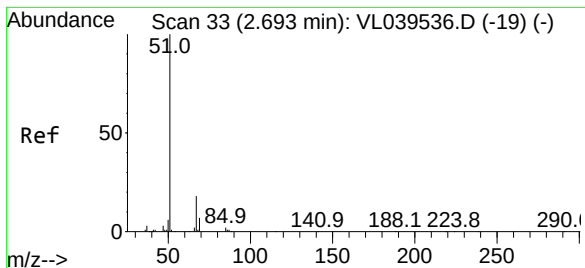
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#2
Dichlorodifluoromethane
Concen: 0.147 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion: 85 Resp: 19321
Ion Ratio Lower Upper
85 100
87 32.0 26.7 40.1





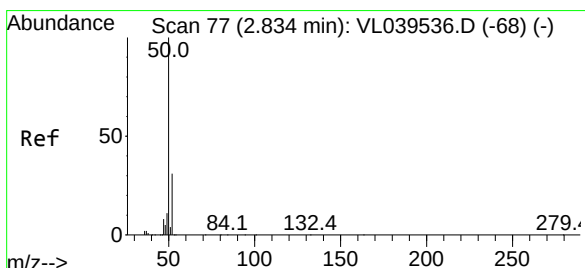
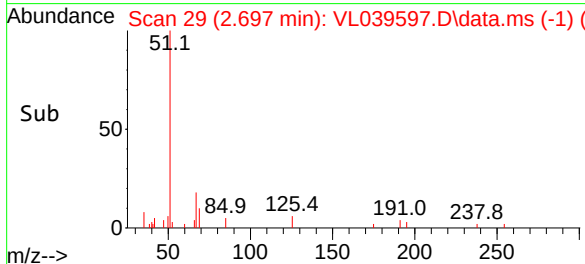
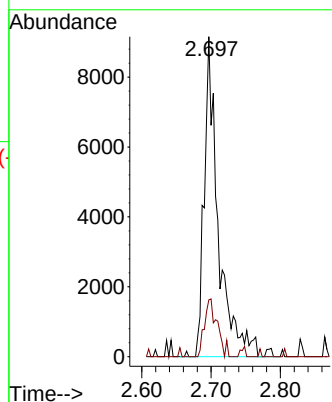
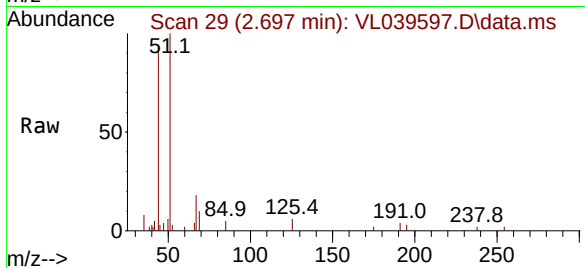
#3
Chlorodifluoromethane
Concen: 0.110 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 51 Resp: 12960
Ion Ratio Lower Upper
51 100
67 17.2 15.7 23.5

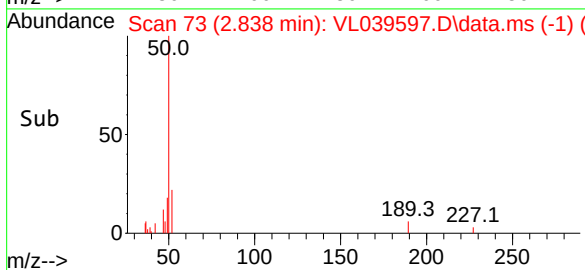
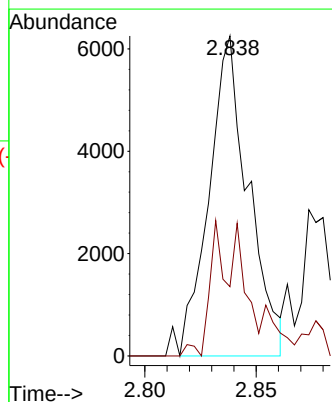
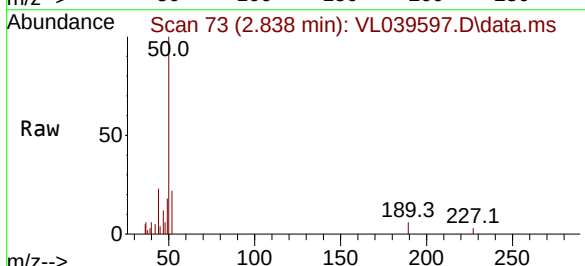
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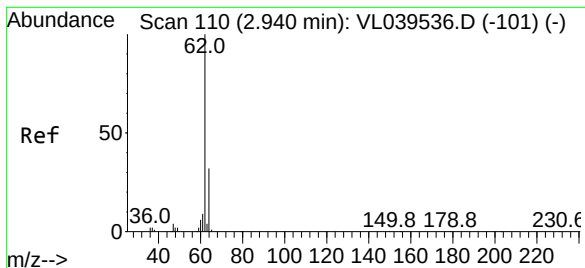
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#4
Chloromethane
Concen: 0.108 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

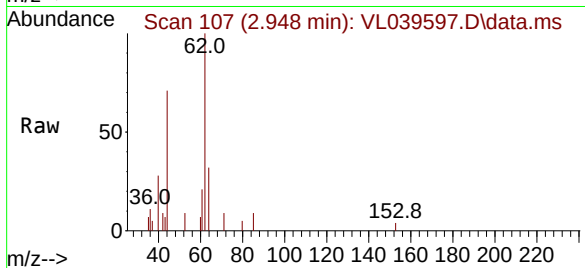
Tgt Ion: 50 Resp: 7663
Ion Ratio Lower Upper
50 100
52 21.6 26.5 39.7#





#5
 Vinyl Chloride
 Concen: 0.107 ppbv m
 RT: 2.948 min Scan# 107
 Delta R.T. 0.007 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

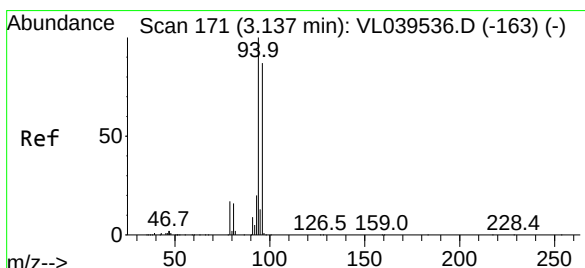
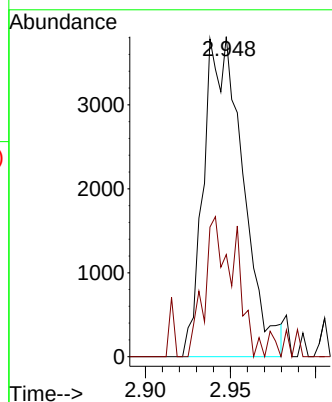
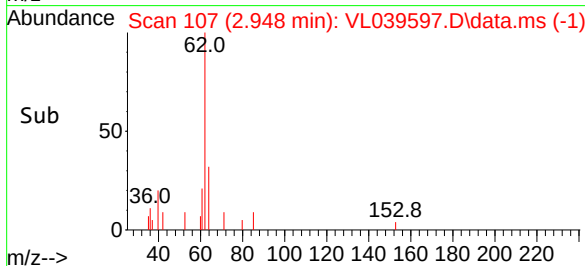
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 62 Resp: 6129
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.6 36.8

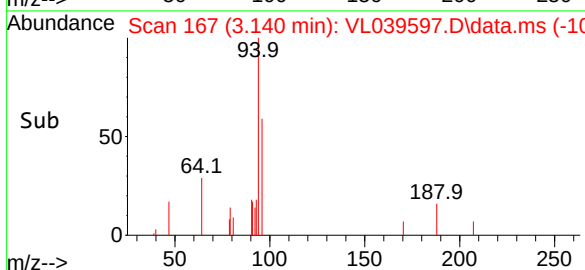
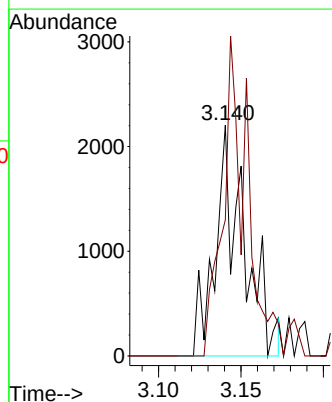
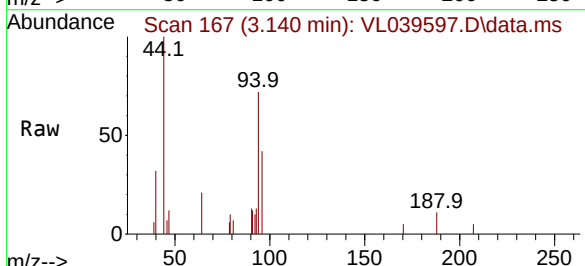
Manual Integrations
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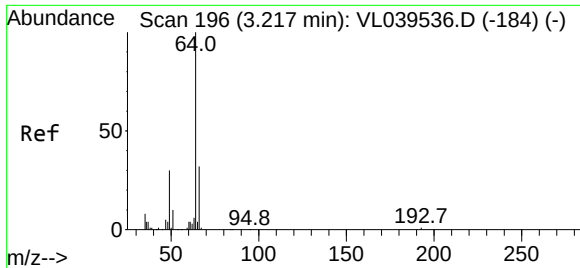
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#6
 Bromomethane
 Concen: 0.109 ppbv m
 RT: 3.140 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

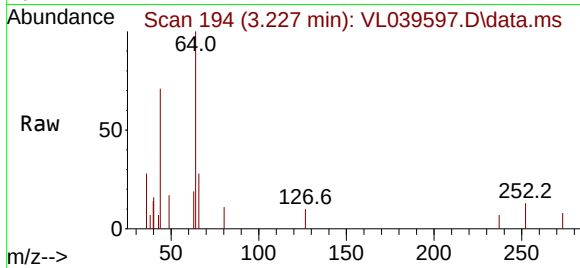
Tgt Ion: 94 Resp: 2662
 Ion Ratio Lower Upper
 94 100
 96 58.9 75.6 113.4#





#7
Chloroethane
Concen: 0.142 ppbv m
RT: 3.227 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

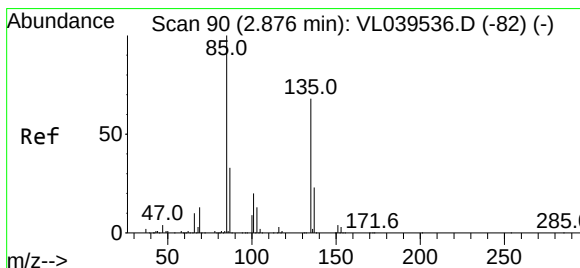
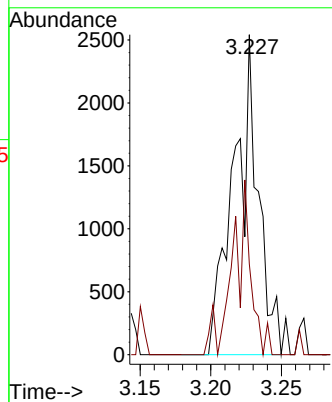
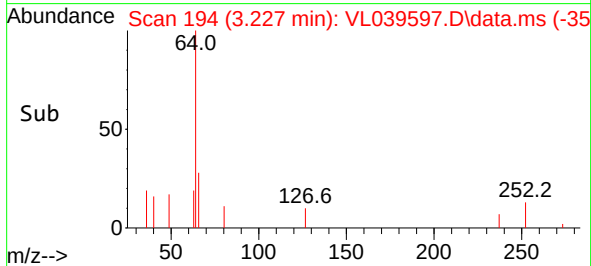
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1

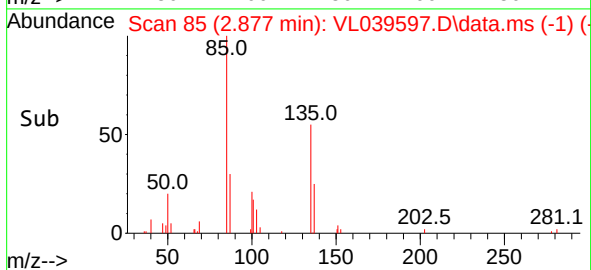
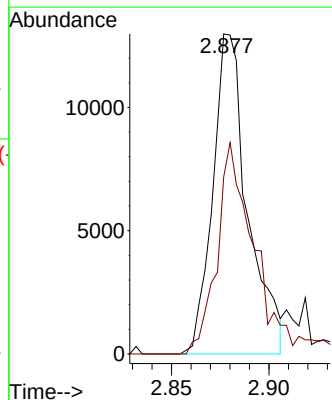
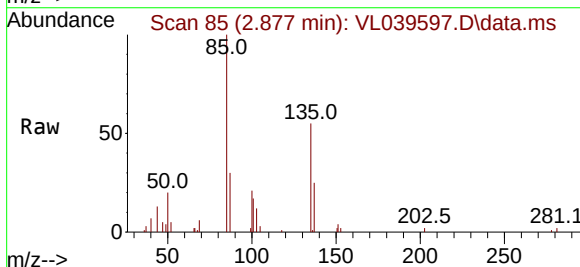
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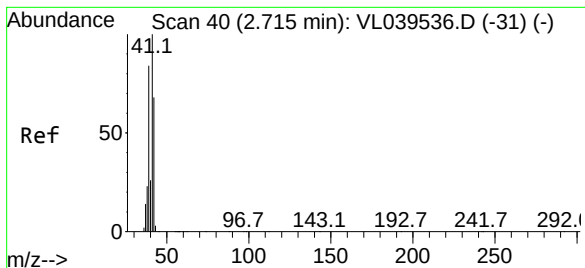
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#8
Dichlorotetrafluoroethane
Concen: 0.115 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

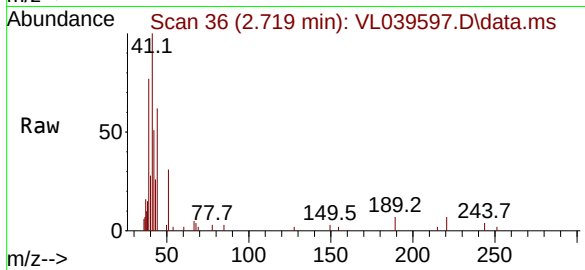
Tgt Ion: 85 Resp: 16170
Ion Ratio Lower Upper
85 100
135 73.5 59.0 88.4





#9
 Propene
 Concen: 0.237 ppbv m
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

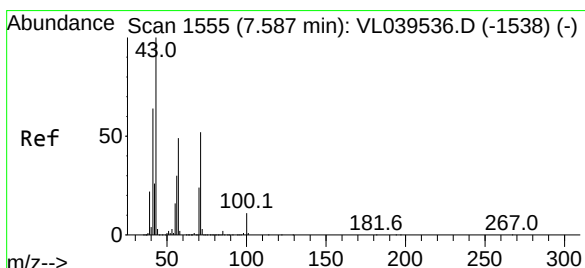
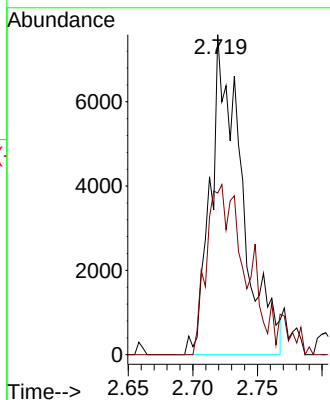
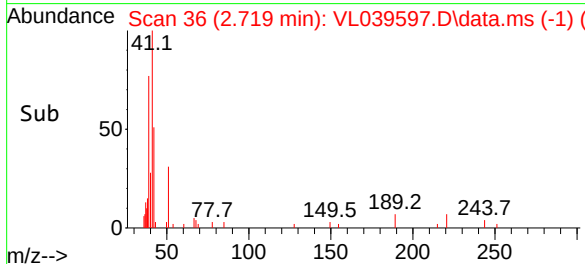
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 41 Resp: 1280
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.2 82.8

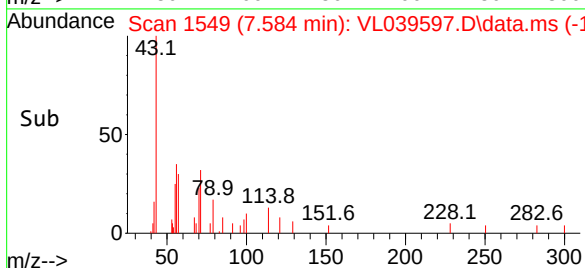
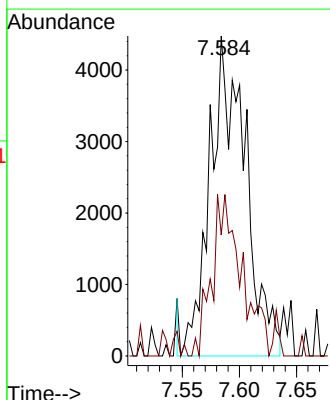
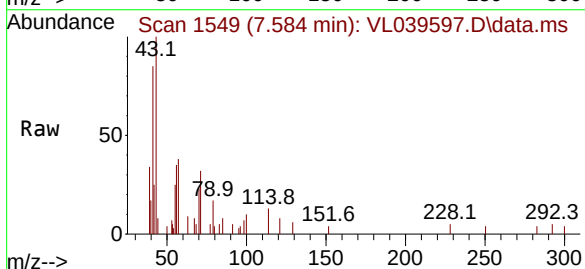
Manual Integrations
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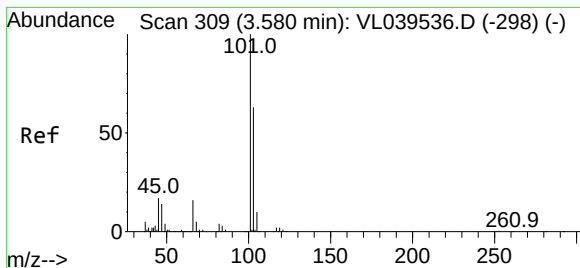
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#10
 Heptane
 Concen: 0.077 ppbv m
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.003 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

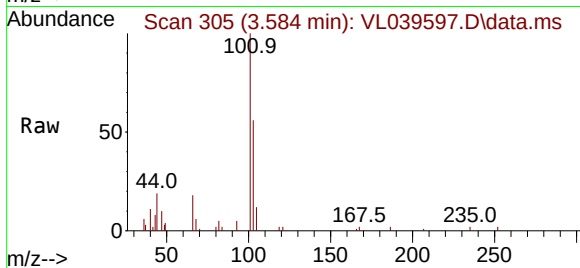
Tgt Ion: 43 Resp: 9649
 Ion Ratio Lower Upper
 43 100
 57 47.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.111 ppbv m
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

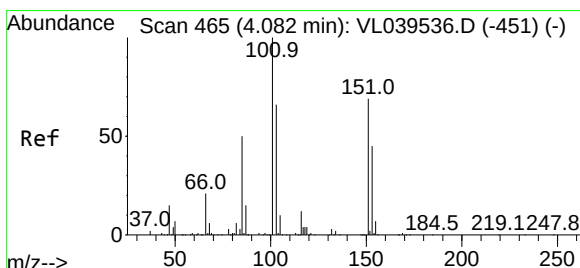
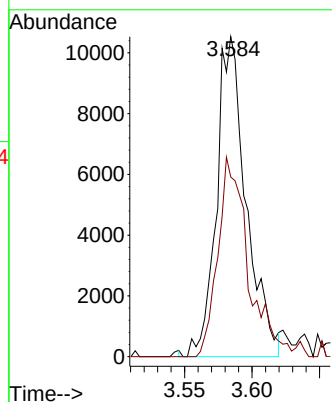
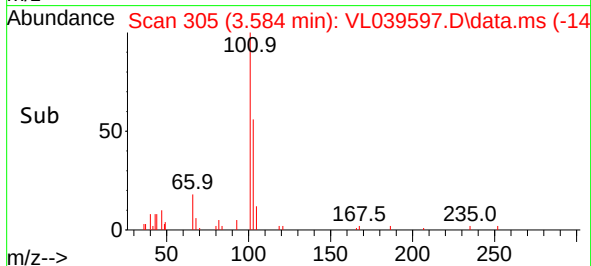
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:101 Resp: 1605
Ion Ratio Lower Upper
101 100
103 56.1 51.8 77.8

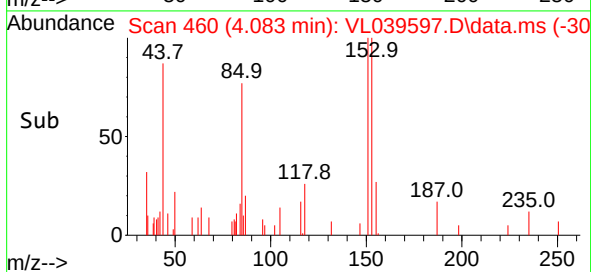
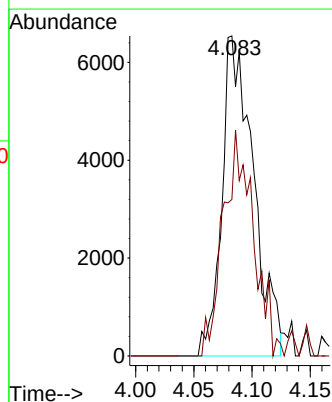
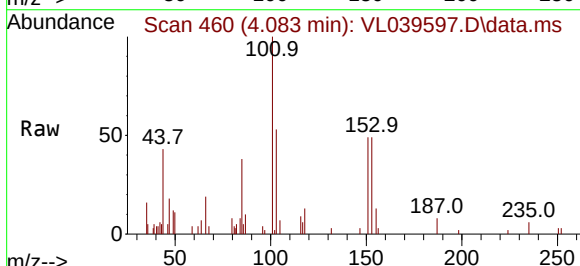
Manual Integrations
APPROVED

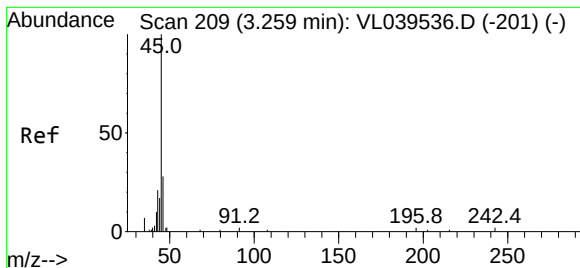
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.115 ppbv m
RT: 4.083 min Scan# 460
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion:101 Resp: 12269
Ion Ratio Lower Upper
101 100
151 69.1 58.9 88.3





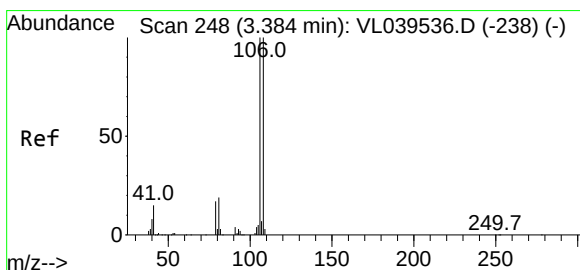
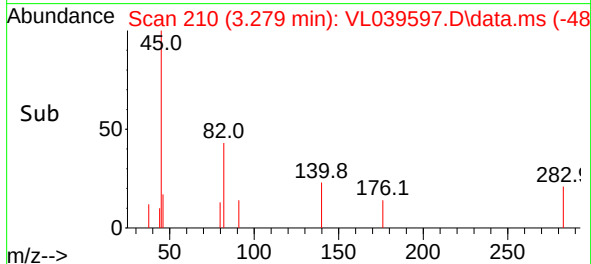
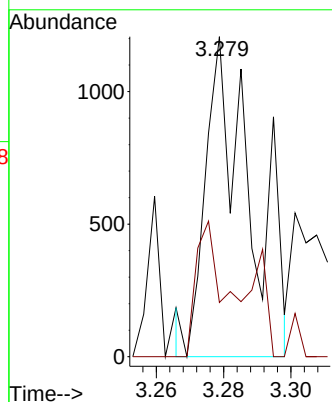
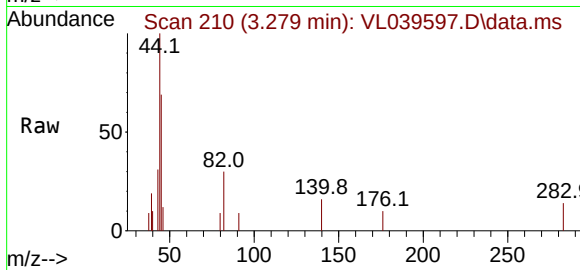
#13
Ethanol
Concen: 0.282 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.020 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 1094
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

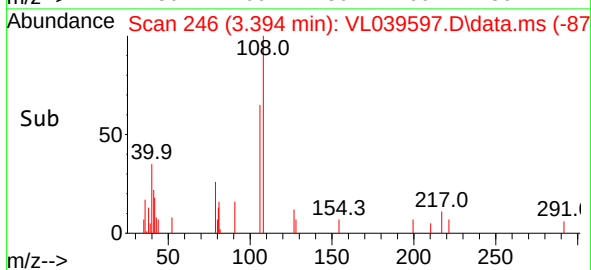
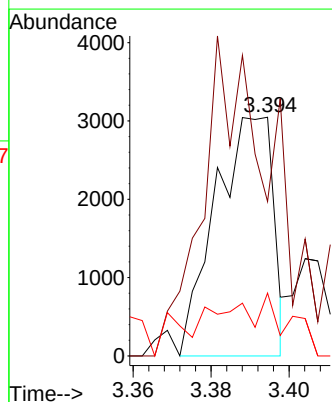
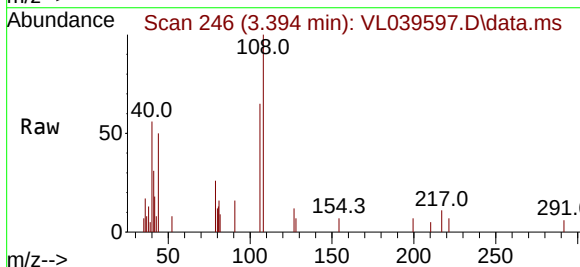
Manual Integrations
APPROVED

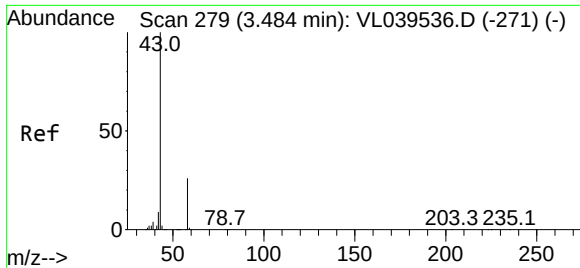
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#14
Bromoethene
Concen: 0.072 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.010 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

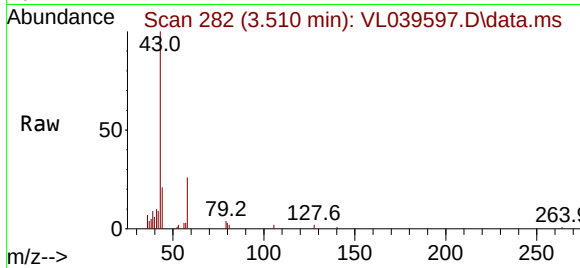
Tgt Ion:108 Resp: 3147
Ion Ratio Lower Upper
108 100
106 0.0 87.1 130.7#
79 53.4 14.6 22.0#





#15
Acetone
Concen: 0.207 ppbv m
RT: 3.510 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

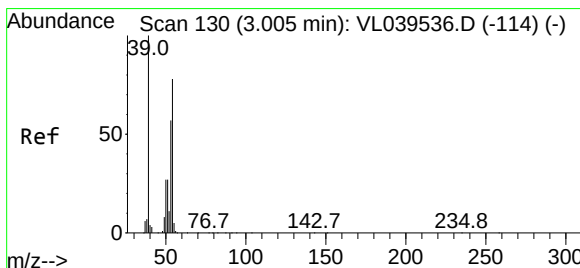
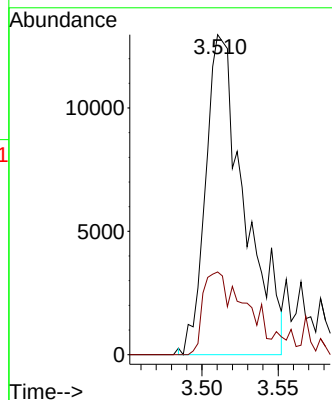
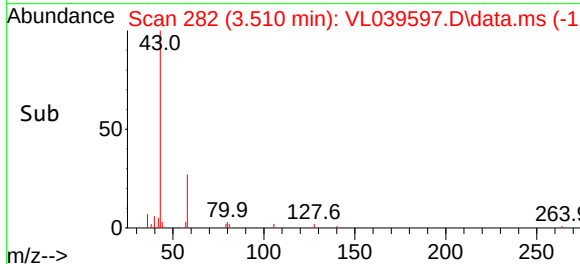
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



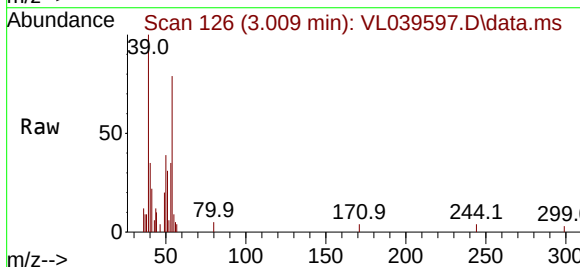
Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
58 35.7 21.0 31.6

Manual Integrations
APPROVED

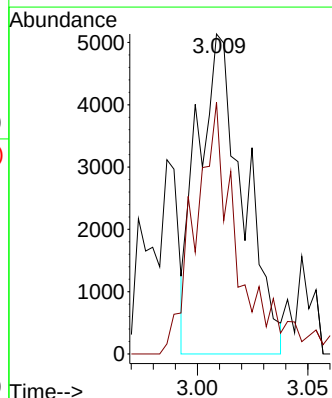
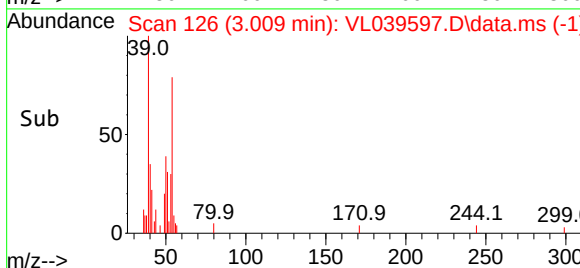
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

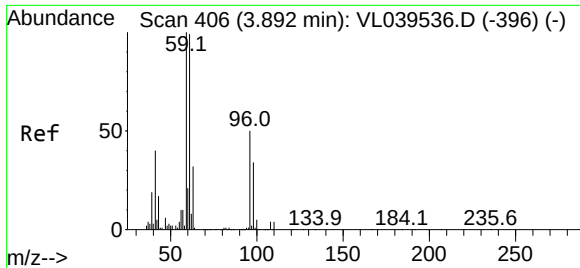


#16
1,3-Butadiene
Concen: 0.129 ppbv m
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21



Tgt Ion: 39 Resp: 7440
Ion Ratio Lower Upper
39 100
54 76.7 63.7 95.5





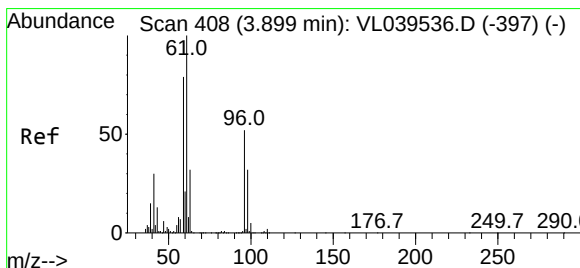
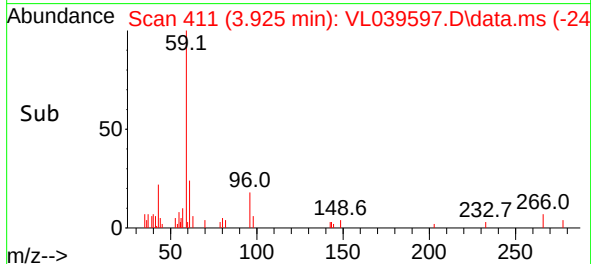
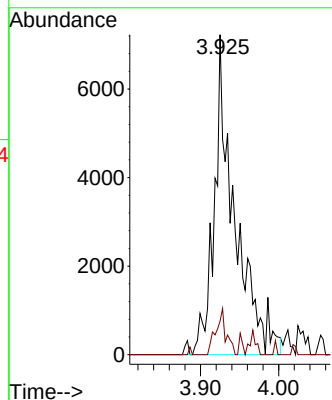
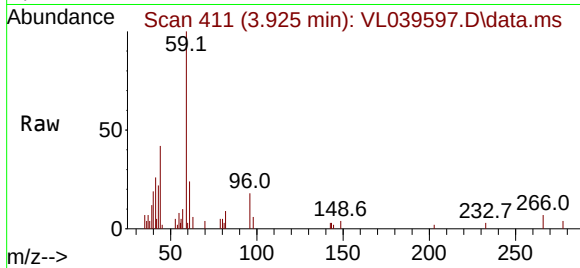
#17
tert-Butyl alcohol
Concen: 0.139 ppbv m
RT: 3.925 min Scan# 411
Delta R.T. 0.033 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

Tgt Ion: 59 Resp: 13124
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

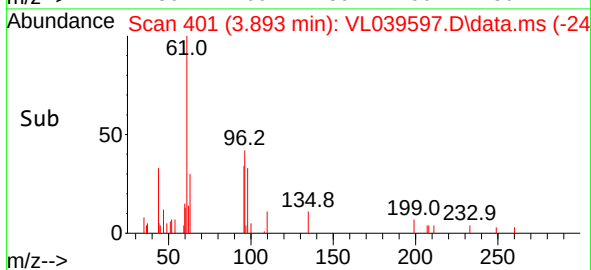
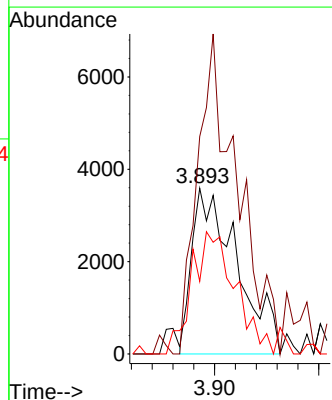
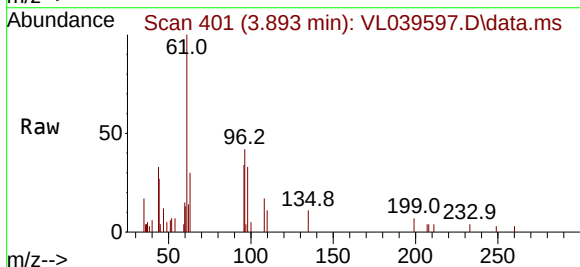
Manual Integrations
APPROVED

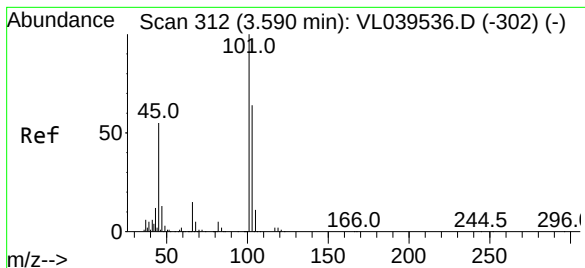
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#18
1,1-Dichloroethene
Concen: 0.112 ppbv m
RT: 3.893 min Scan# 401
Delta R.T. -0.006 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion: 96 Resp: 5385
Ion Ratio Lower Upper
96 100
61 236.9 152.2 228.4#
98 79.1 51.8 77.6#





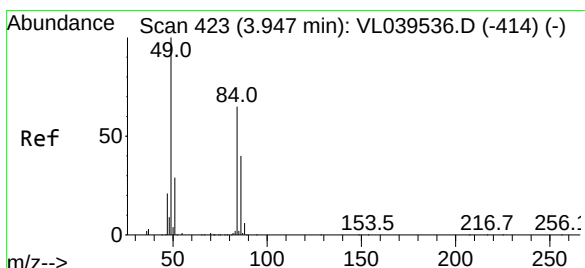
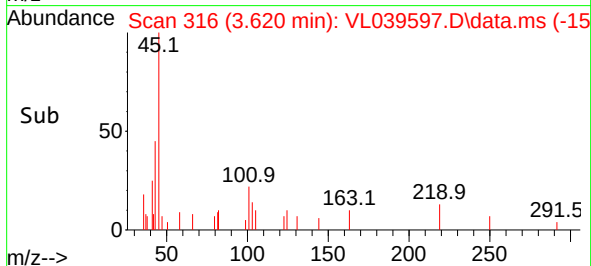
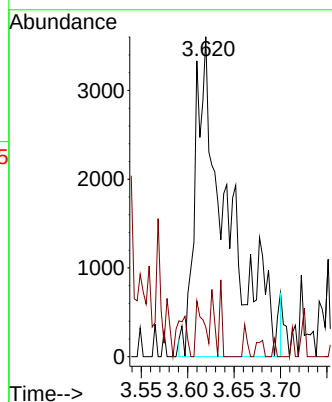
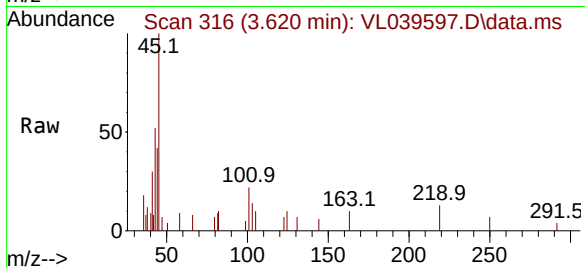
#19
Isopropyl Alcohol
Concen: 0.161 ppbv
RT: 3.620 min Scan# 312
Delta R.T. 0.030 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 866
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

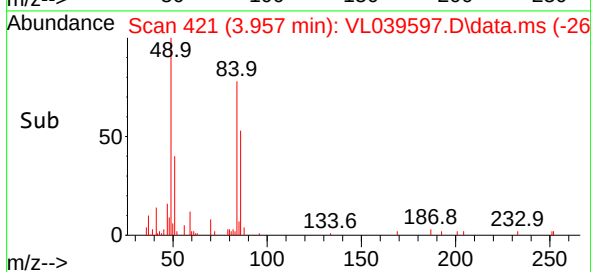
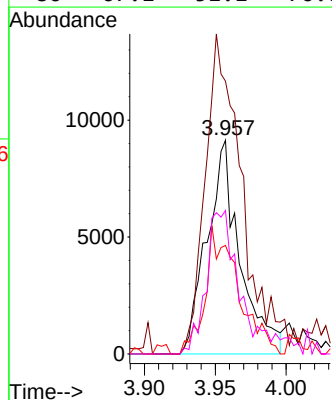
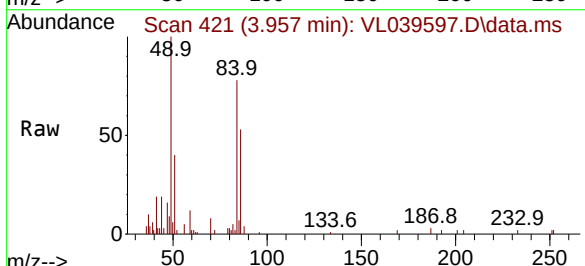
Manual Integrations
APPROVED

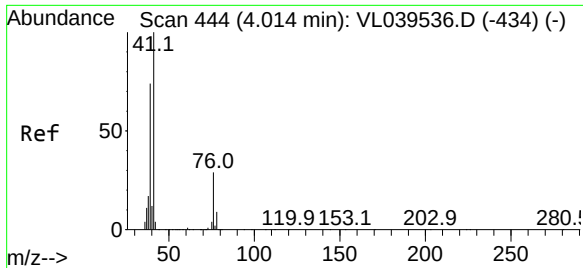
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#20
Methylene Chloride
Concen: 0.327 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

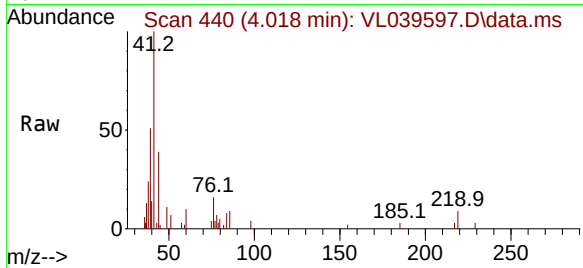
Tgt Ion: 84 Resp: 14754
Ion Ratio Lower Upper
84 100
49 127.6 123.1 184.7
51 50.8 34.4 51.6
86 67.1 51.1 76.7





#21
 Allyl Chloride
 Concen: 0.097 ppbv m
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

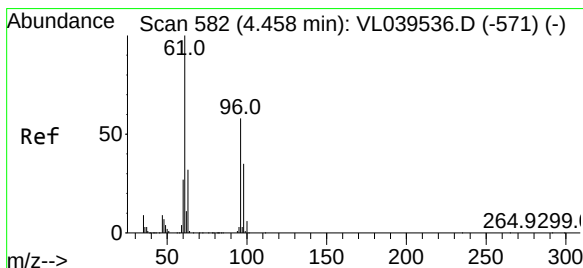
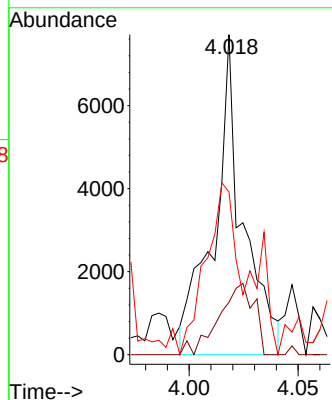
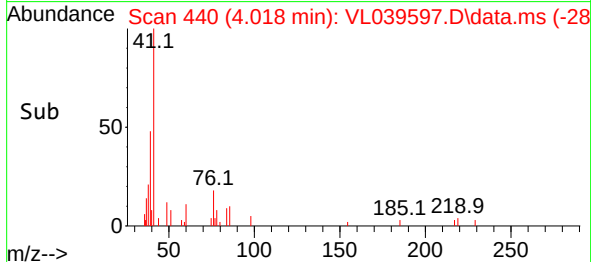
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 41 Resp: 7028
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.4 36.6
 39 88.8 63.5 95.3

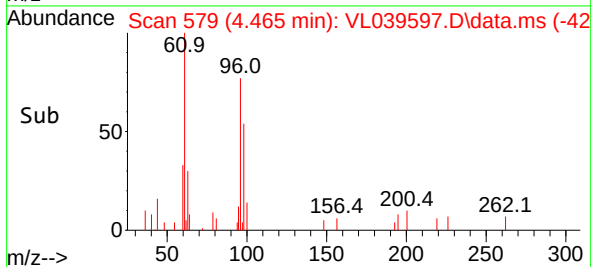
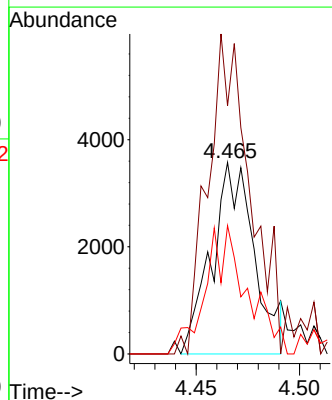
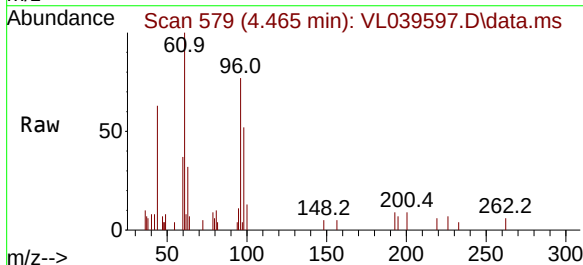
Manual Integrations
 APPROVED

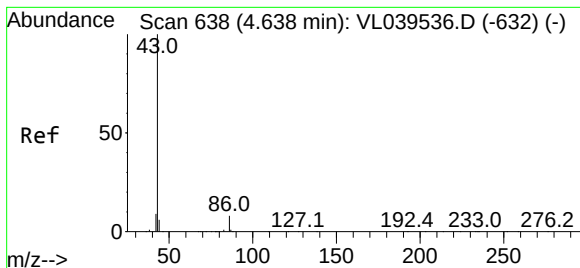
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.107 ppbv m
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

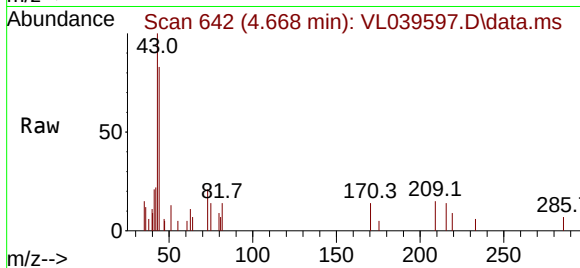
Tgt Ion: 96 Resp: 5104
 Ion Ratio Lower Upper
 96 100
 61 129.6 130.6 195.8
 98 67.0 53.4 80.0





#23
 Vinyl Acetate
 Concen: 0.177 ppbv m
 RT: 4.668 min Scan# 642
 Delta R.T. 0.030 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

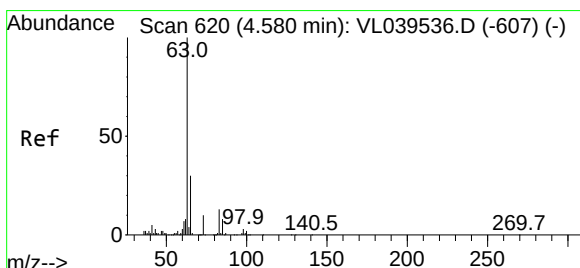
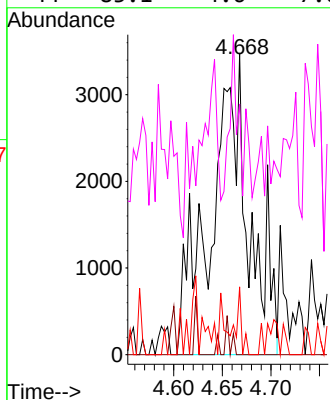
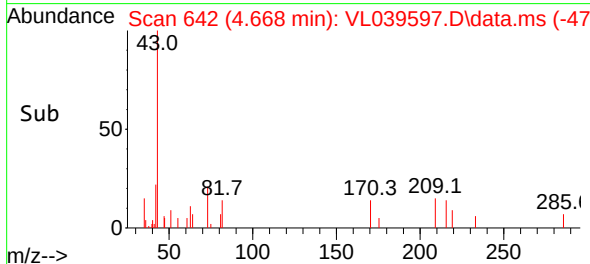
Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



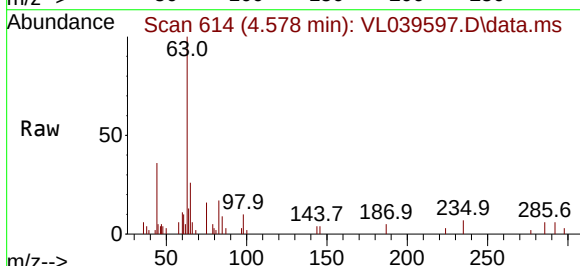
Tgt Ion: 43 Resp: 932
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.0 7.6
 42 22.5 7.7 11.5
 44 83.1 4.6 7.0

Manual Integrations
 APPROVED

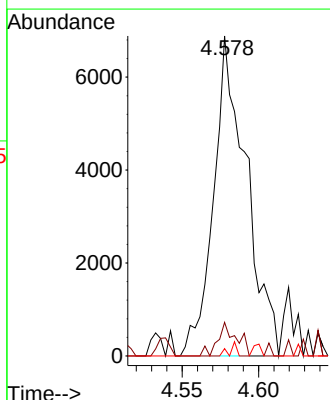
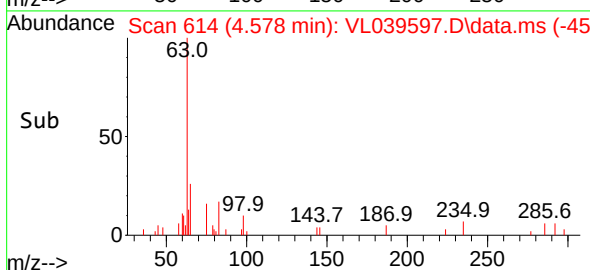
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

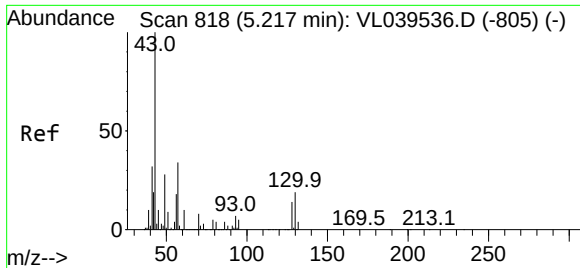


#24
 1,1-Dichloroethane
 Concen: 0.105 ppbv m
 RT: 4.578 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21



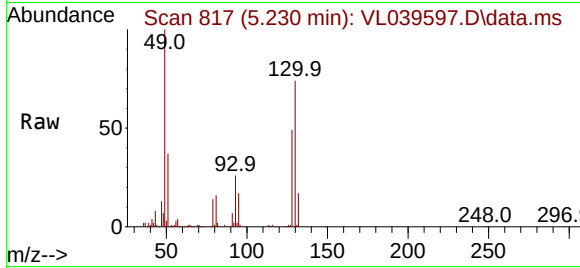
Tgt Ion: 63 Resp: 10215
 Ion Ratio Lower Upper
 63 100
 98 10.5 1.8 5.3
 100 2.3 1.5 4.4





#25
Ethyl Acetate
Concen: 0.105 ppbv m
RT: 5.230 min Scan# 817
Delta R.T. 0.014 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

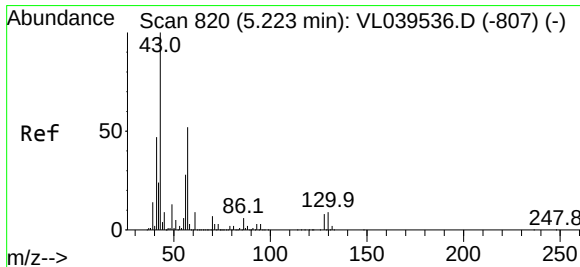
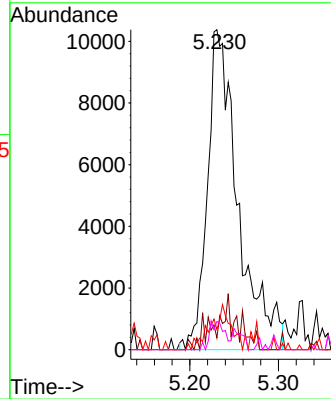
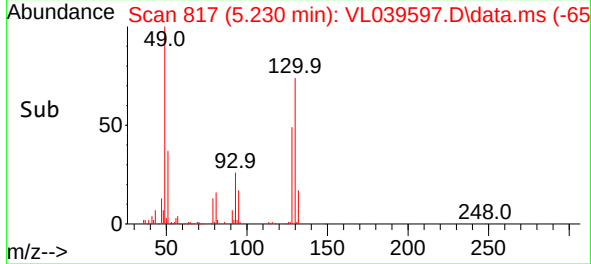
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion	43	45	61	70
Ratio	100	0.0	0.0	6.4
Lower		8.2	8.3	5.9
Upper		12.4	12.5	8.9

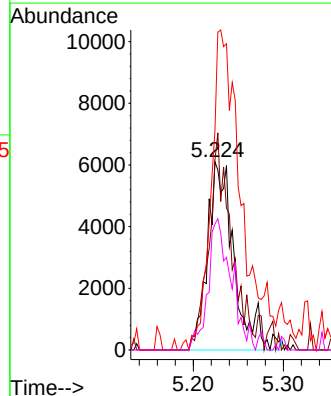
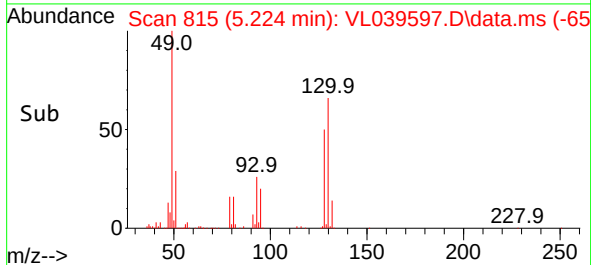
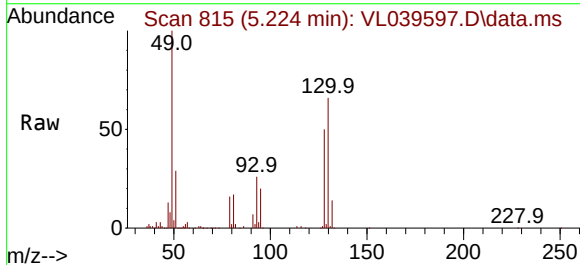
Manual Integrations
APPROVED

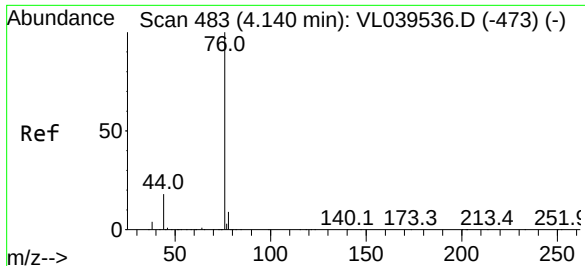
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#26
Hexane
Concen: 0.130 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

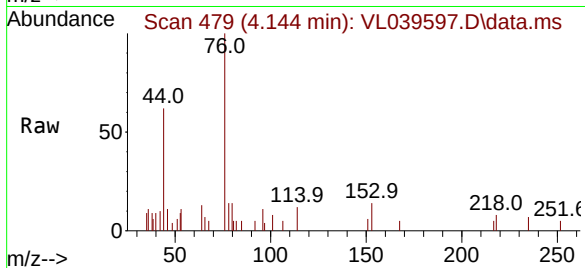
Tgt Ion	57	41	43	56
Ratio	100	103.0	208.0	62.5
Lower		76.9	191.0	43.2
Upper		115.3	286.6	64.8





#27
Carbon Disulfide
Concen: 0.076 ppbv m
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

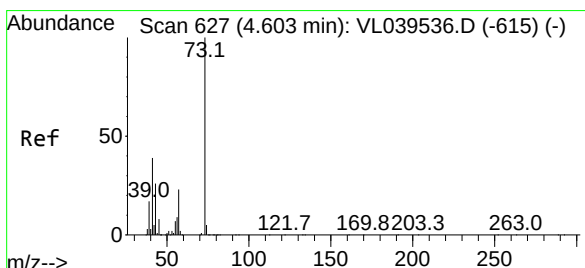
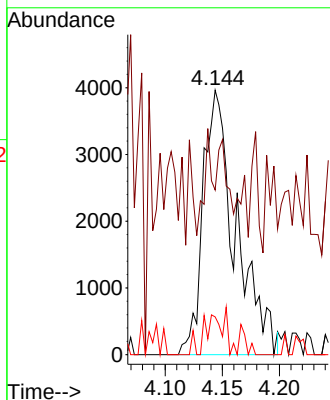
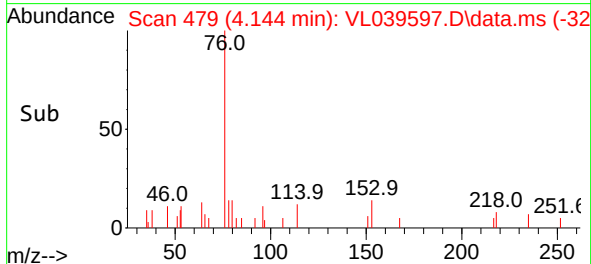
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 76 Resp: 7889
Ion Ratio Lower Upper
76 100
44 20.6 14.6 21.8
78 11.9 7.8 11.6

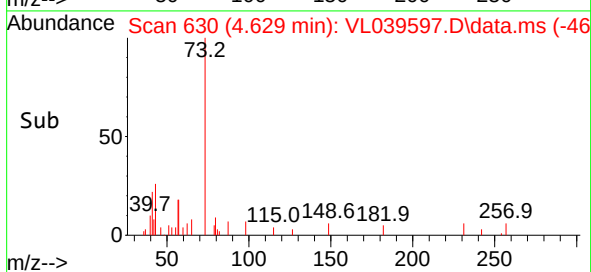
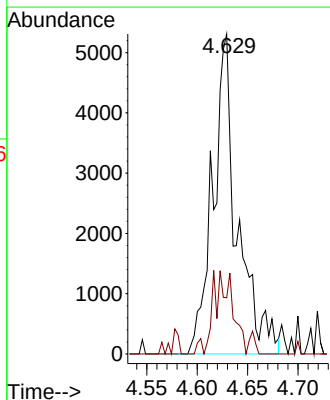
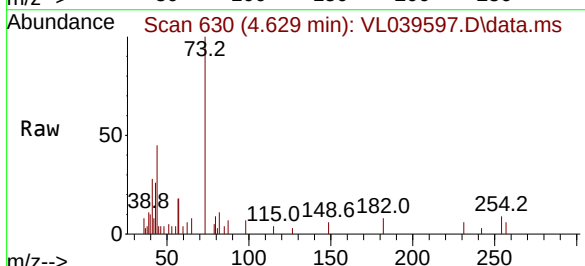
Manual Integrations
APPROVED

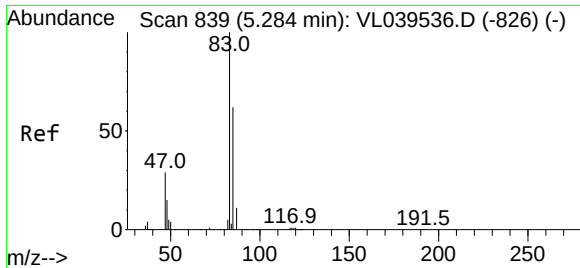
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#28
Methyl tert-Butyl Ether
Concen: 0.106 ppbv m
RT: 4.629 min Scan# 630
Delta R.T. 0.026 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

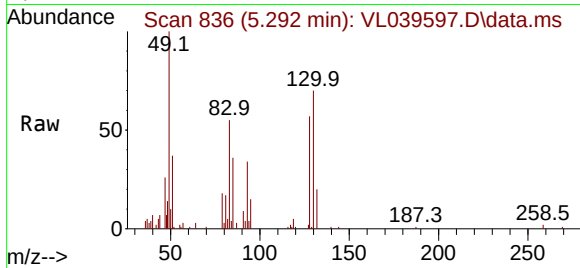
Tgt Ion: 73 Resp: 8827
Ion Ratio Lower Upper
73 100
57 22.6 19.8 29.8





#29
Chloroform
Concen: 0.107 ppbv m
RT: 5.292 min Scan# 839
Delta R.T. 0.007 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

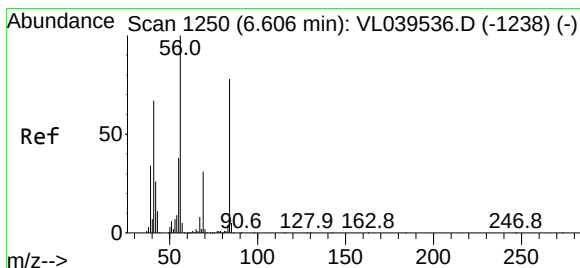
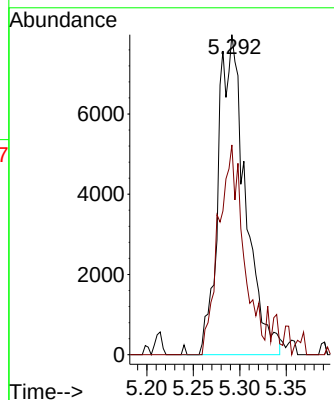
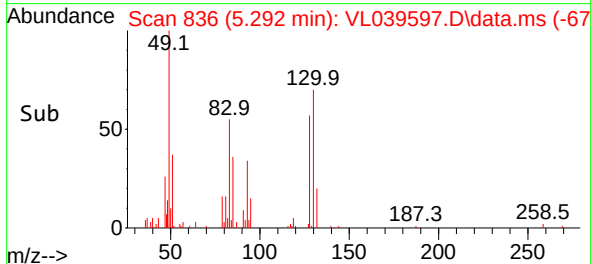
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



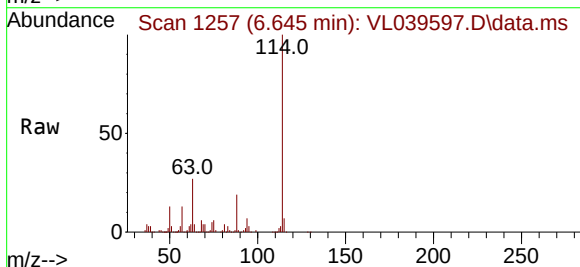
Tgt Ion: 83 Resp: 16260
Ion Ratio Lower Upper
83 100
85 65.5 52.8 79.2

Manual Integrations
APPROVED

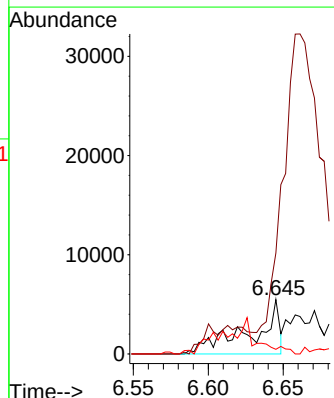
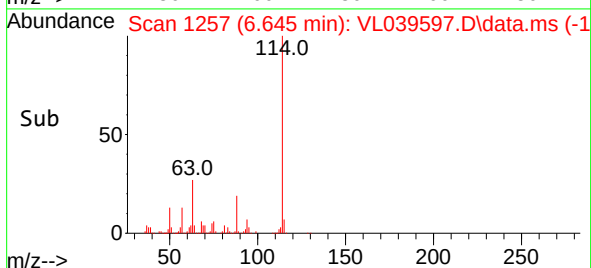
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

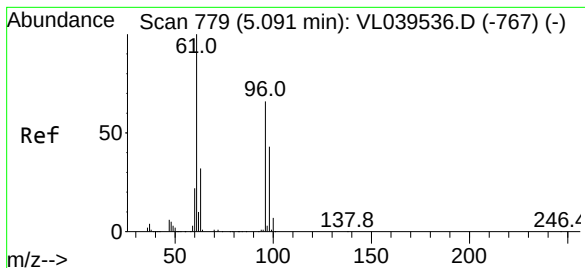


#30
Cyclohexane
Concen: 0.087 ppbv m
RT: 6.645 min Scan# 1257
Delta R.T. 0.039 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21



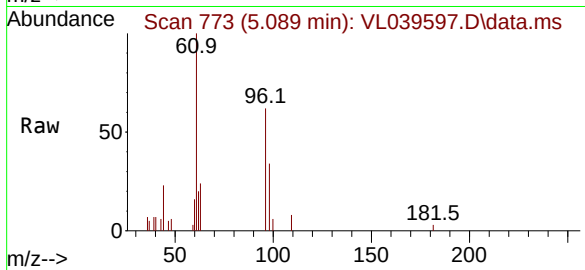
Tgt Ion: 84 Resp: 7001
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#





#31
cis-1,2-Dichloroethene
Concen: 0.095 ppbv m
RT: 5.089 min Scan# 779
Delta R.T. -0.003 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

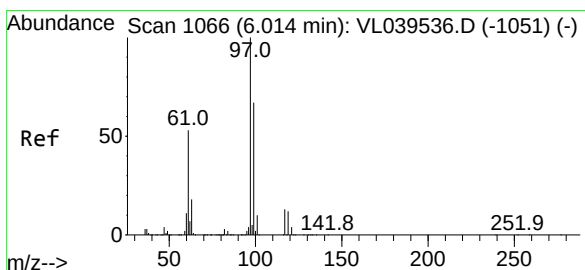
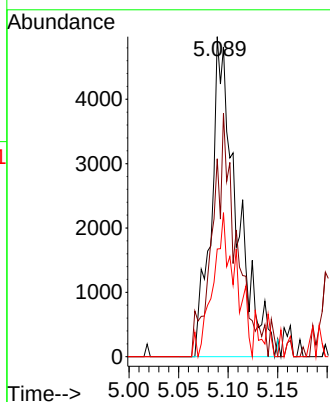
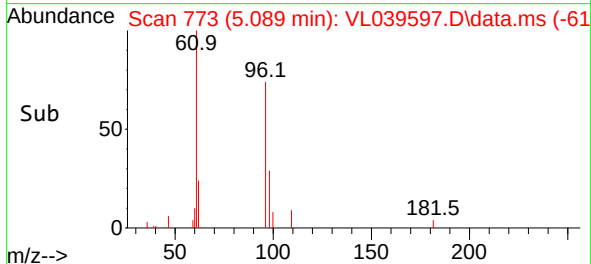
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 61 Resp: 894
Ion Ratio Lower Upper
61 100
96 61.8 54.1 81.1
98 33.6 34.6 52.0

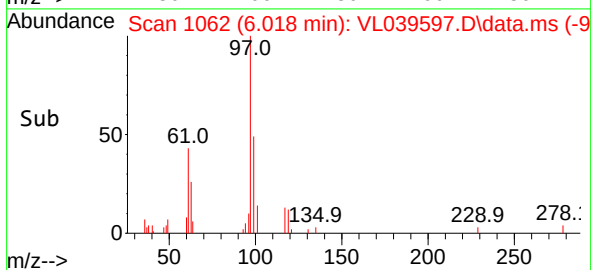
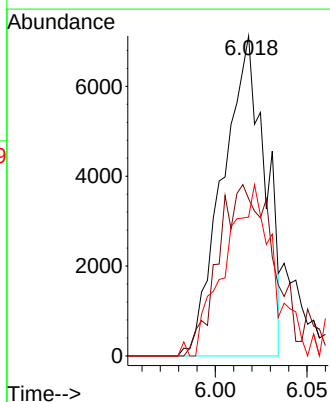
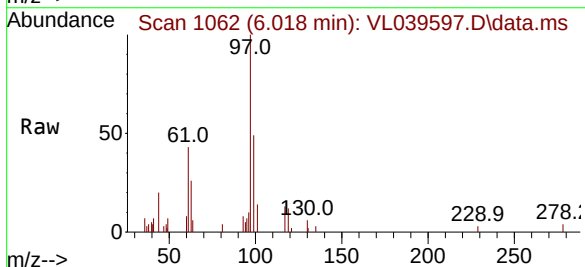
Manual Integrations
APPROVED

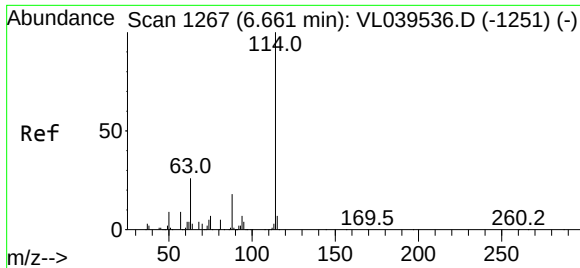
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#32
1,1,1-Trichloroethane
Concen: 0.086 ppbv
RT: 6.018 min Scan# 1062
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

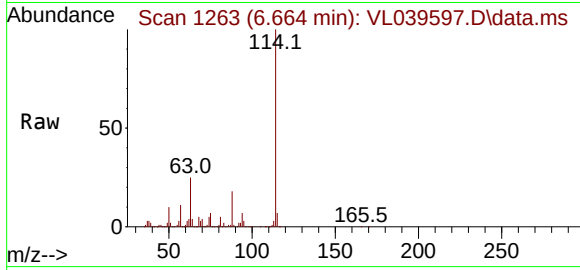
Tgt Ion: 97 Resp: 11466
Ion Ratio Lower Upper
97 100
99 74.3 52.3 78.5
61 61.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

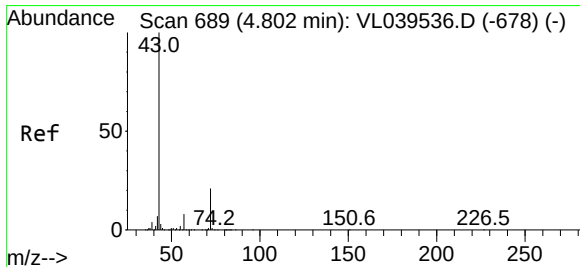
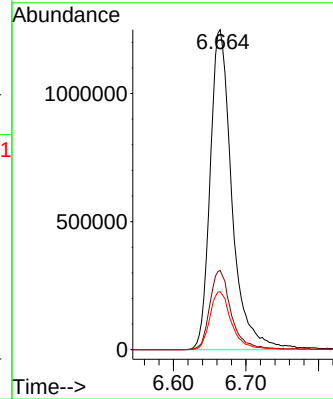
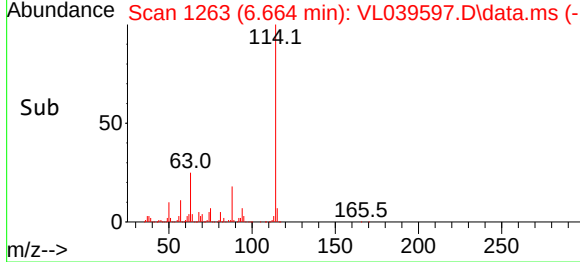
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:114 Resp: 2596199
Ion Ratio Lower Upper
114 100
63 24.5 20.2 30.4
88 18.4 14.5 21.7

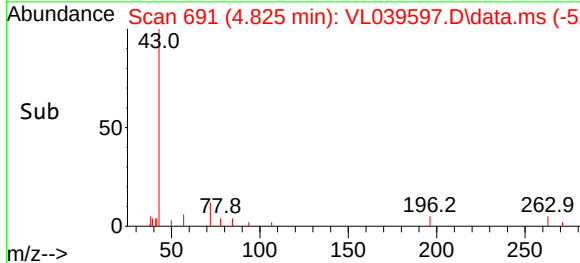
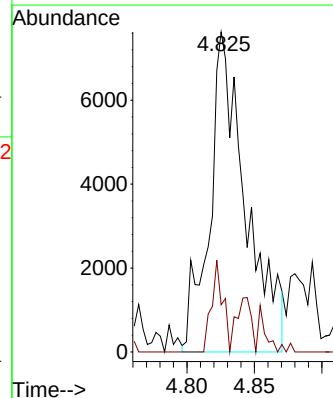
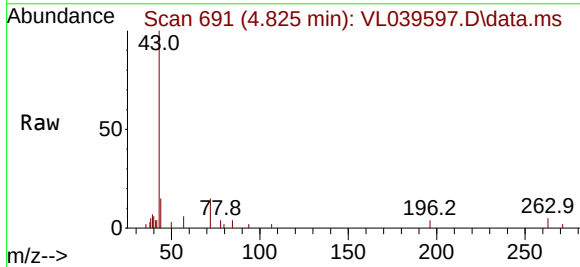
Manual Integrations
APPROVED

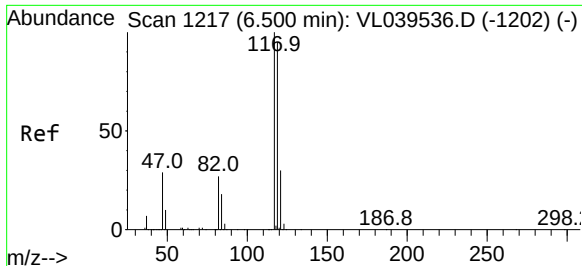
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#34
2-Butanone
Concen: 0.110 ppbv m
RT: 4.825 min Scan# 691
Delta R.T. 0.023 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

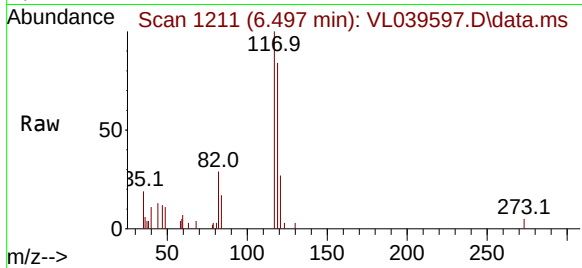
Tgt Ion: 43 Resp: 14172
Ion Ratio Lower Upper
43 100
72 0.0 17.9 26.9#





#35
Carbon Tetrachloride
Concen: 0.095 ppbv m
RT: 6.497 min Scan# 1175
Delta R.T. -0.002 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

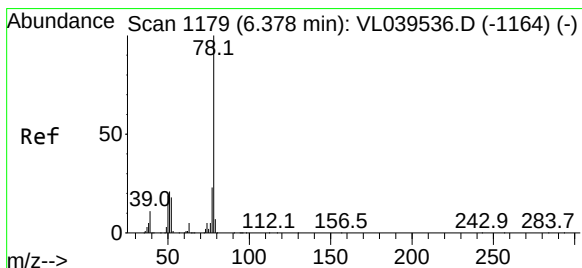
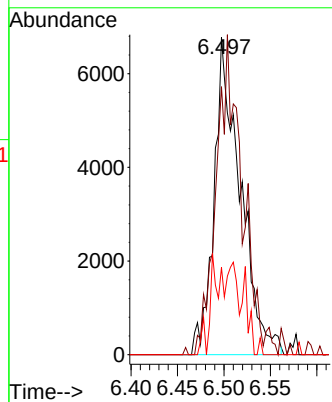
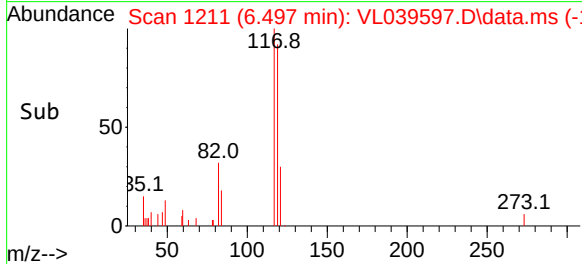
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 117 Resp: 13275
Ion Ratio Lower Upper
117 100
119 84.4 75.4 113.2
121 27.5 24.2 36.2

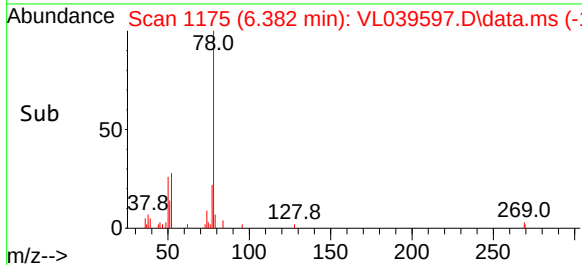
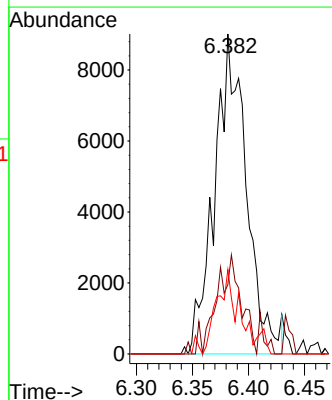
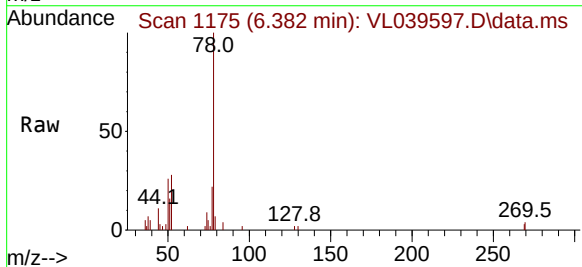
Manual Integrations
APPROVED

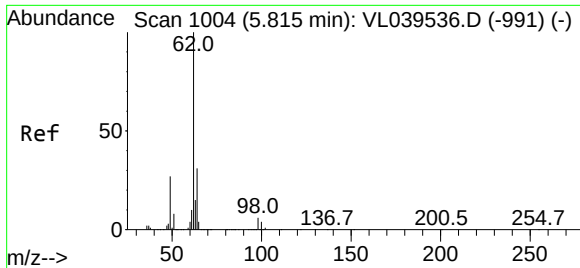
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#36
Benzene
Concen: 0.090 ppbv m
RT: 6.382 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion: 78 Resp: 17853
Ion Ratio Lower Upper
78 100
77 21.7 20.3 30.5
50 26.4 15.5 23.3#





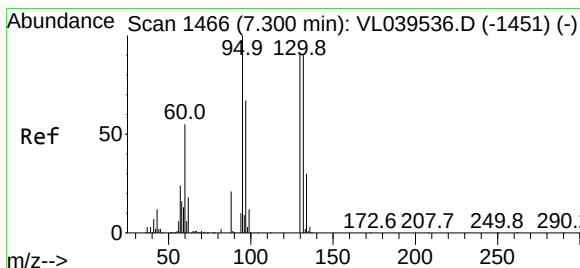
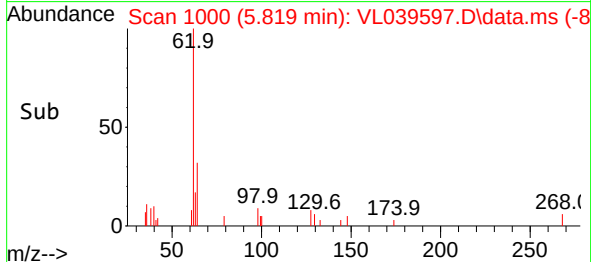
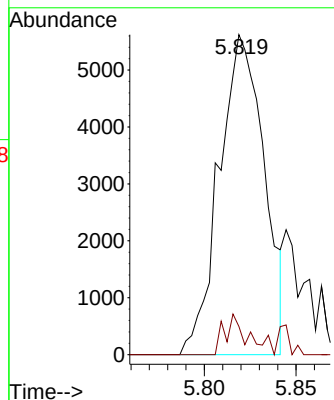
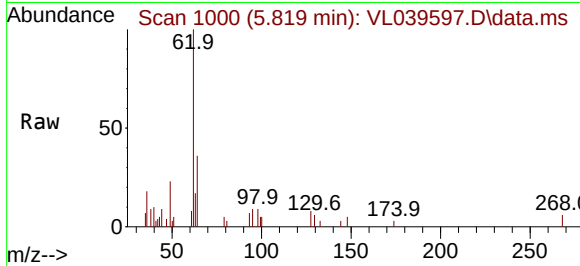
#37
1,2-Dichloroethane
Concen: 0.088 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 62 Resp: 956
Ion Ratio Lower Upper
62 100
98 8.7 5.1 7.7

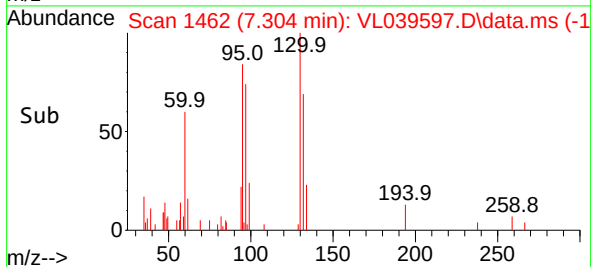
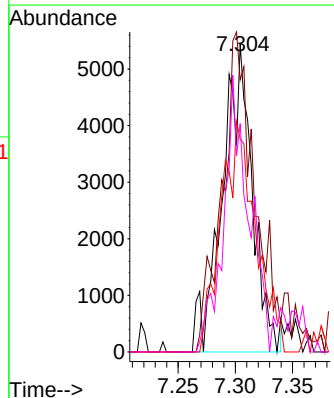
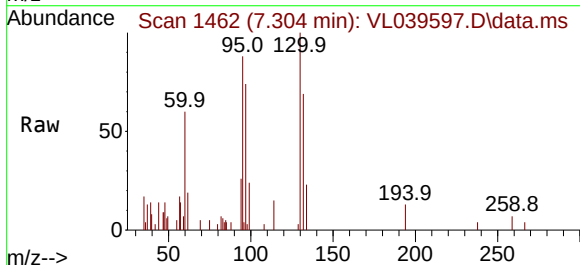
Manual Integrations
APPROVED

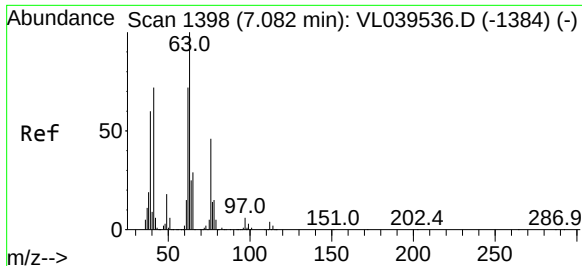
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#38
Trichloroethene
Concen: 0.094 ppbv m
RT: 7.304 min Scan# 1462
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion:130 Resp: 9967
Ion Ratio Lower Upper
130 100
95 88.5 87.3 130.9
132 69.2 76.7 115.1#
97 74.2 56.5 84.7





#39

1,2-Dichloropropane

Concen: 0.109 ppbv m

RT: 7.082 min Scan# 1

Delta R.T. 0.001 min

Lab File: VL039597.D

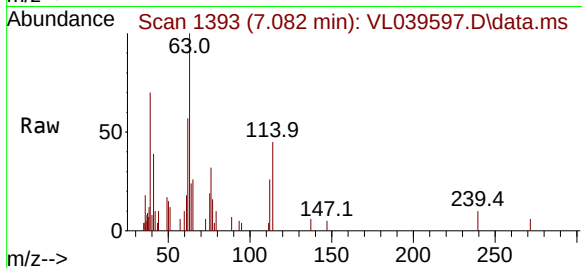
Acq: 26 Aug 2022 10:21

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



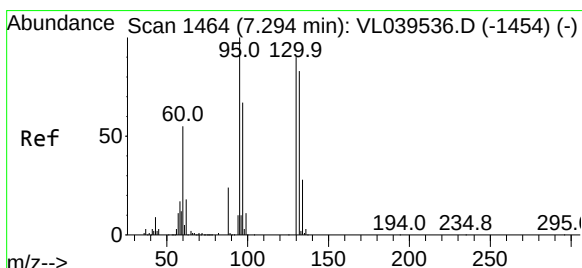
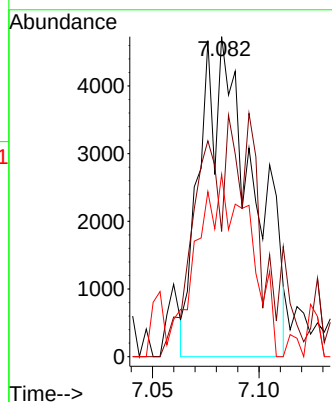
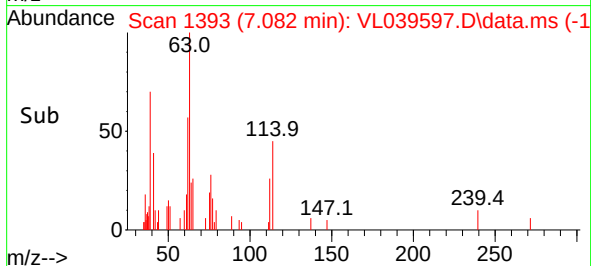
Tgt Ion:	63	Resp:	8098
Ion Ratio	100	Lower	Upper
63	100		
41	39.1	59.6	89.4
62	57.0	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#40

1,4-Dioxane

Concen: 0.097 ppbv m

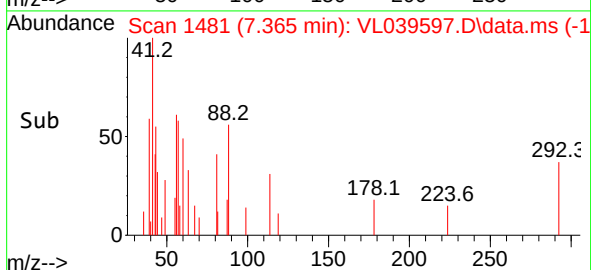
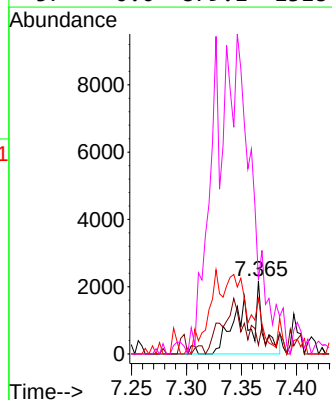
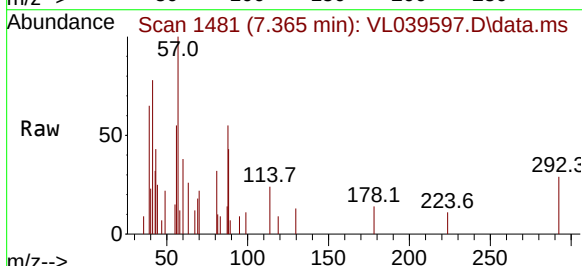
RT: 7.365 min Scan# 1481

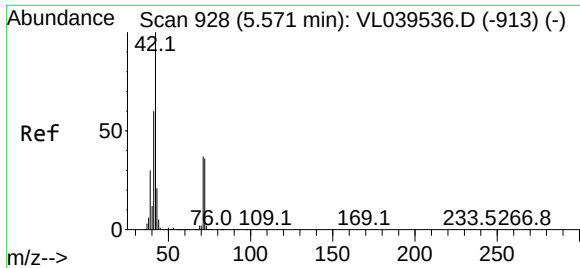
Delta R.T. 0.071 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

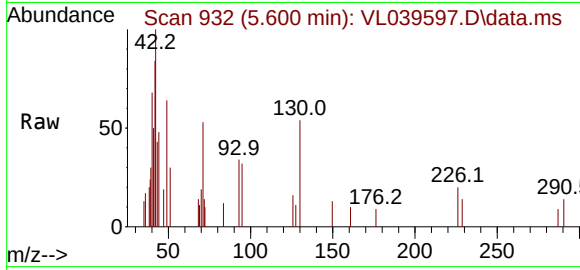
Tgt Ion:	88	Resp:	2833
Ion Ratio	100	Lower	Upper
88	100		
58	0.0	100.2	150.4
43	0.0	205.8	308.6
57	0.0	879.1	1318.7





#41
Tetrahydrofuran
Concen: 0.076 ppbv
RT: 5.600 min Scan# 912
Delta R.T. 0.030 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

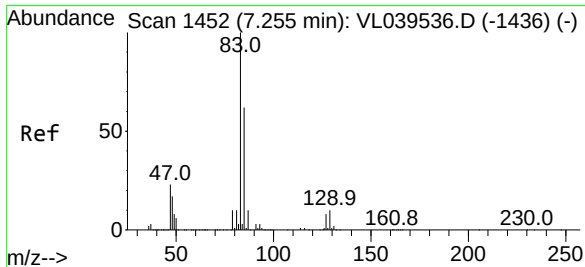
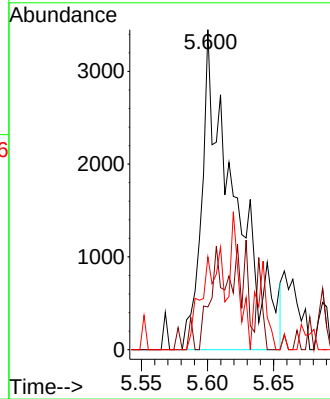
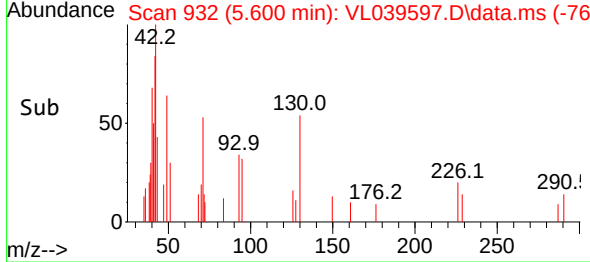
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 42 Resp: 5878
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8
71 0.0 31.8 47.8

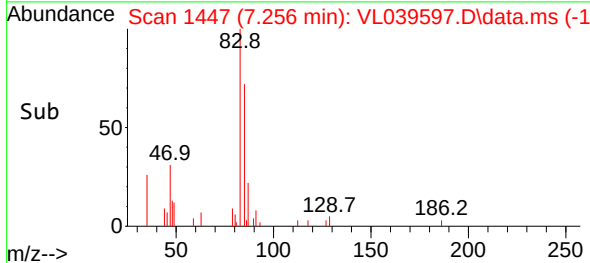
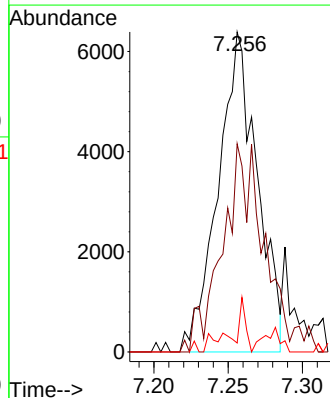
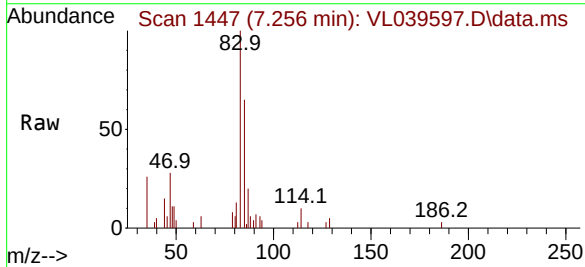
Manual Integrations
APPROVED

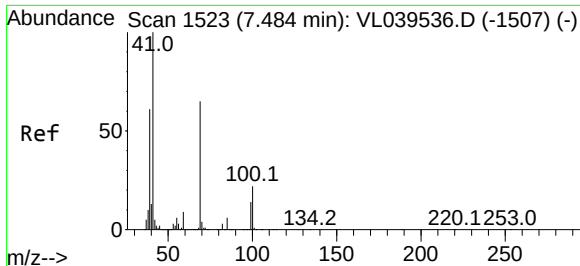
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#42
Bromodichloromethane
Concen: 0.078 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

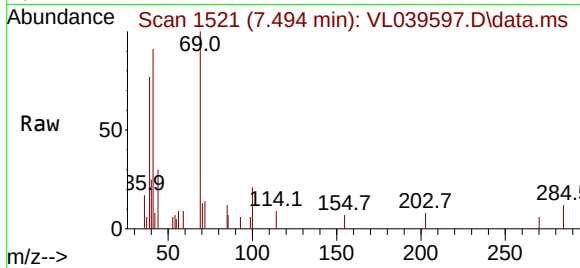
Tgt Ion: 83 Resp: 11684
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1
127 2.8 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.065 ppbv m
RT: 7.494 min Scan# 1523
Delta R.T. 0.010 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

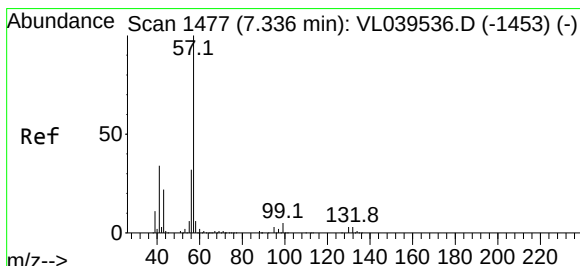
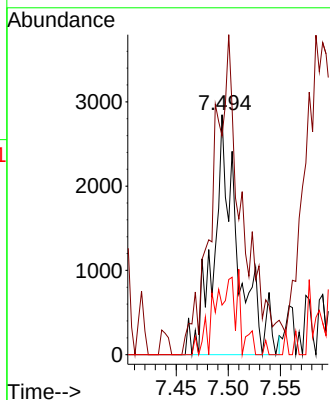
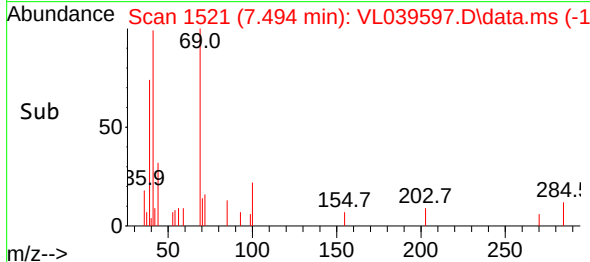
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 69 Resp: 466
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 27.8 41.6#

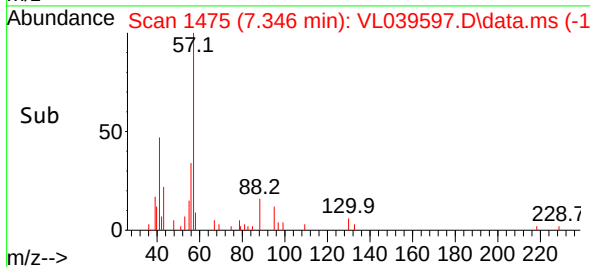
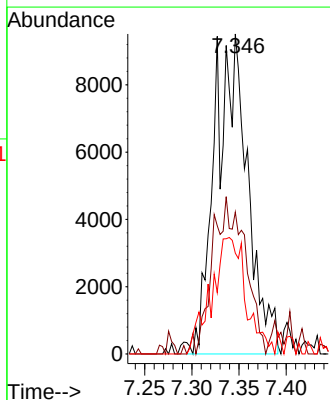
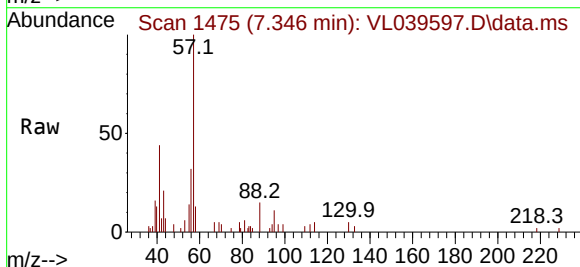
Manual Integrations
APPROVED

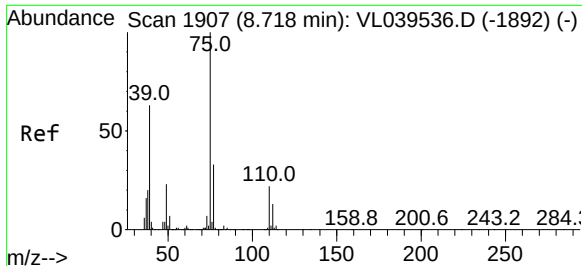
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#44
2,2,4-Trimethylpentane
Concen: 0.069 ppbv m
RT: 7.346 min Scan# 1475
Delta R.T. 0.010 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion: 57 Resp: 23108
Ion Ratio Lower Upper
57 100
41 54.8 27.4 41.2#
56 37.7 24.5 36.7#





#45

t-1,3-Dichloropropene

Concen: 0.049 ppbv m

RT: 8.706 min Scan# 11

Delta R.T. -0.012 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

Instrument :

MSVOA_L

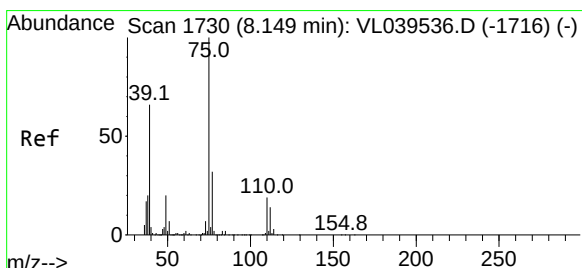
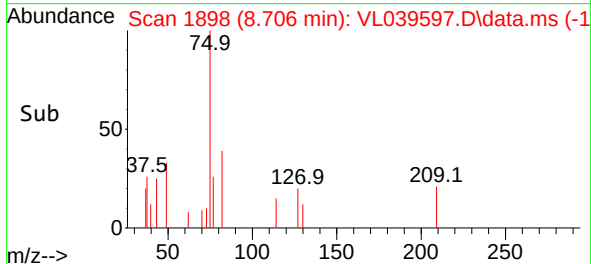
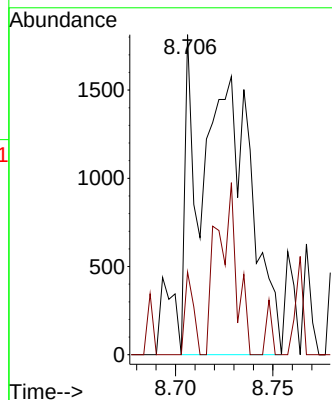
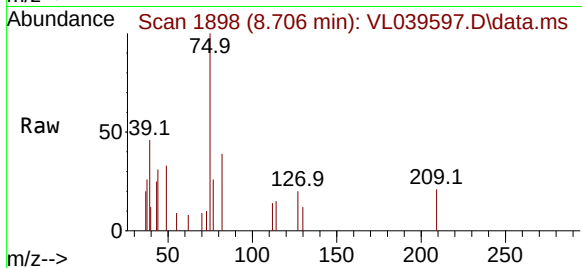
ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 75 Resp: 3044
 Ion Ratio Lower Upper
 75 100
 77 25.9 24.6 36.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#46

cis-1,3-Dichloropropene

Concen: 0.062 ppbv m

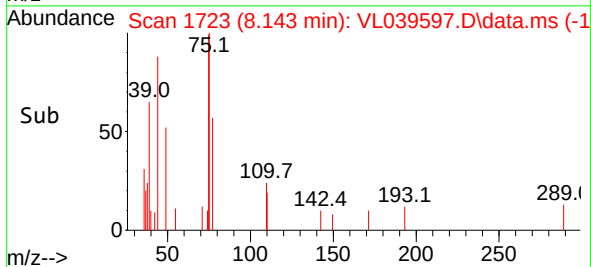
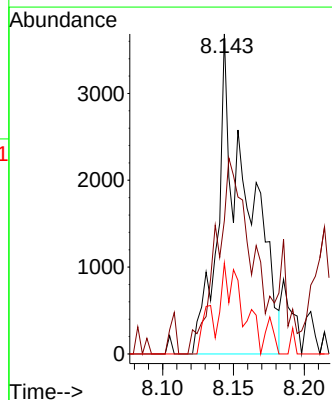
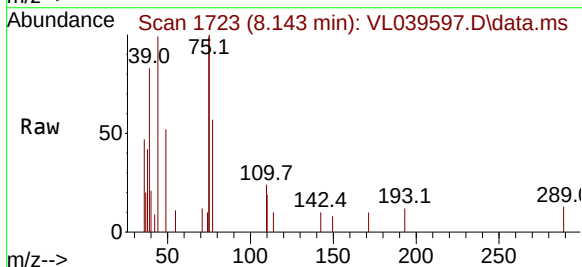
RT: 8.143 min Scan# 1723

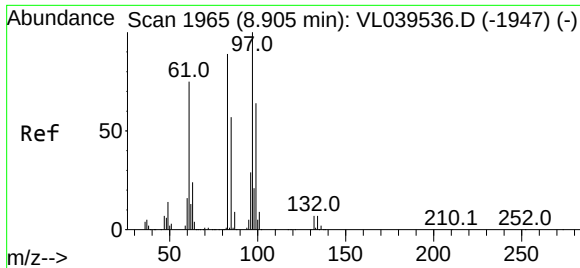
Delta R.T. -0.006 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

Tgt Ion: 75 Resp: 5315
 Ion Ratio Lower Upper
 75 100
 39 82.9 55.0 82.4#
 77 56.5 25.7 38.5#





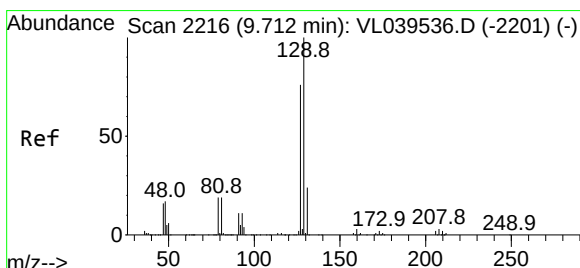
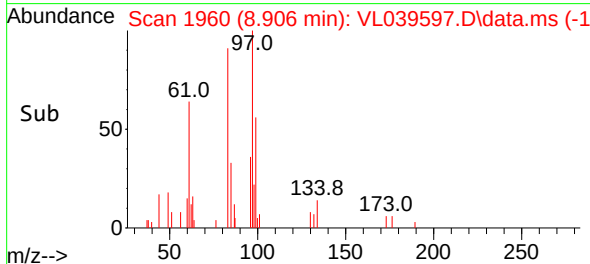
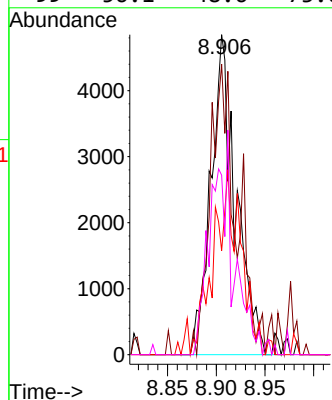
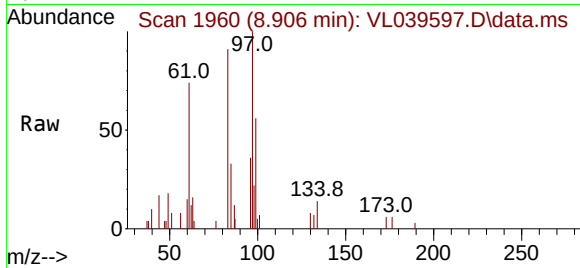
#47
1,1,2-Trichloroethane
Concen: 0.102 ppbv m
RT: 8.906 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion:	97	Resp:	866
Ion Ratio	Lower	Upper	
97	100		
83	90.8	67.4	101.0
85	32.5	45.1	67.7
99	56.1	48.6	73.0

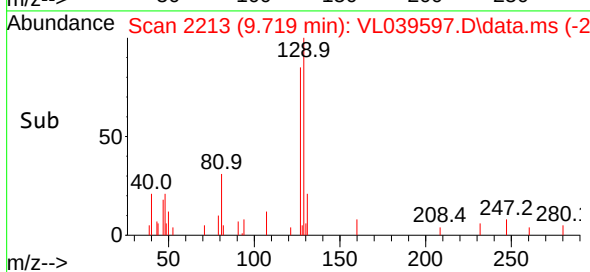
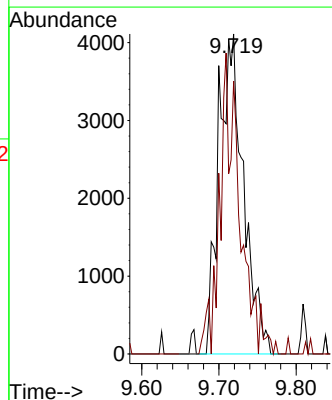
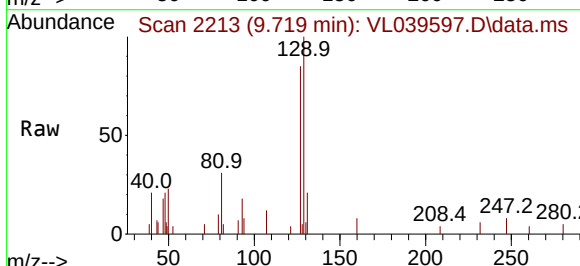
Manual Integrations
APPROVED

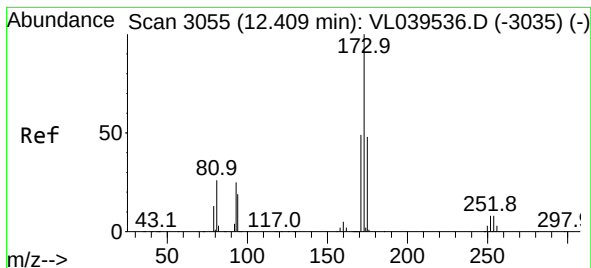
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#48
Dibromochloromethane
Concen: 0.074 ppbv m
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion:	129	Resp:	9262
Ion Ratio	Lower	Upper	
129	100		
127	74.8	39.3	117.9





#49

Bromoform

Concen: 0.058 ppbv m

RT: 12.410 min Scan# 3055

Delta R.T. 0.001 min

Lab File: VL039597.D

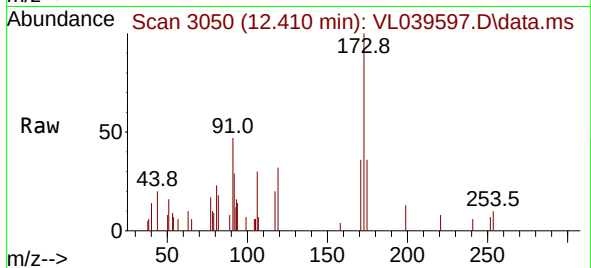
Acq: 26 Aug 2022 10:21

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

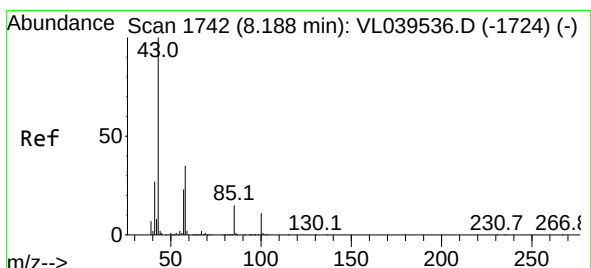
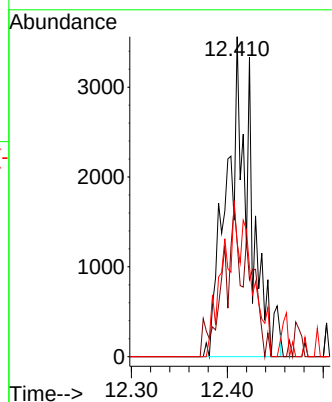
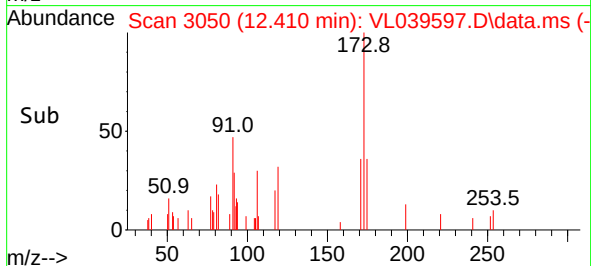


Tgt Ion:	173	Resp:	6065
Ion	Ratio	Lower	Upper
173	100		
175	0.0	40.3	60.5
171	0.0	42.9	64.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#50

4-Methyl-2-Pentanone

Concen: 0.068 ppbv m

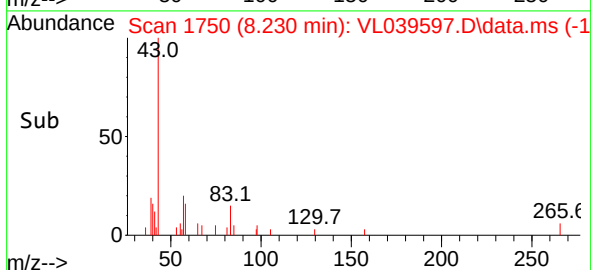
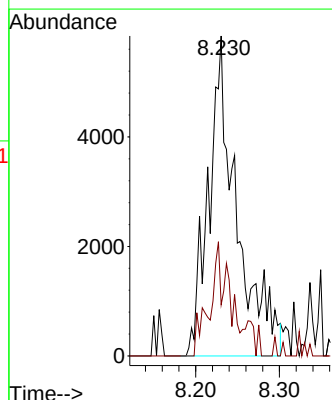
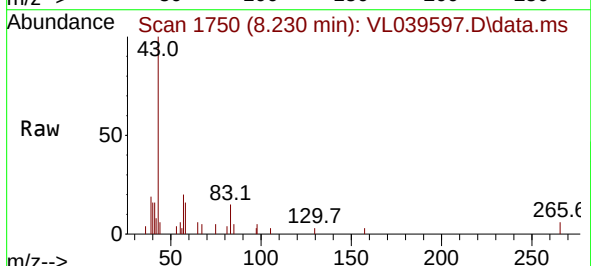
RT: 8.230 min Scan# 1750

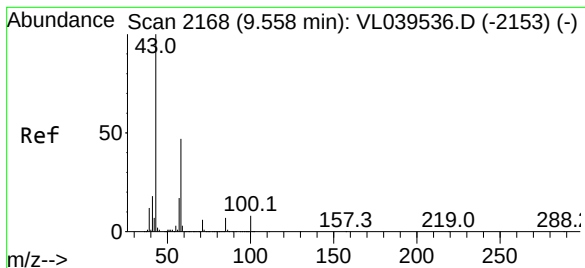
Delta R.T. 0.043 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

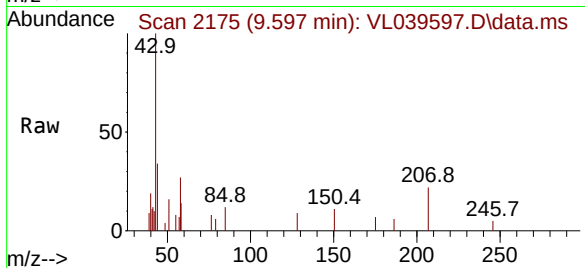
Tgt Ion:	43	Resp:	13655
Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	43.2





#51
2-Hexanone
Concen: 0.058 ppbv m
RT: 9.597 min Scan# 2168
Delta R.T. 0.039 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

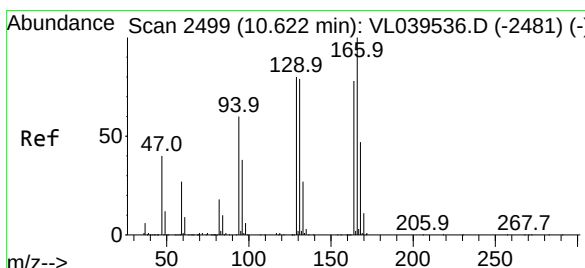
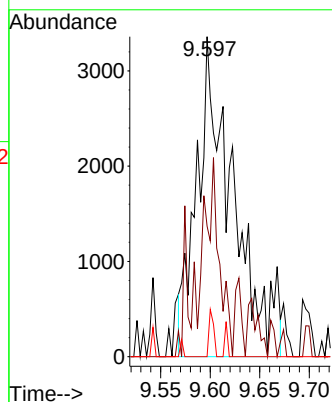
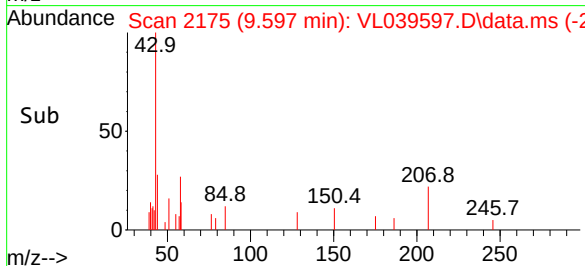
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 8534
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6
98 0.0 0.3 0.5

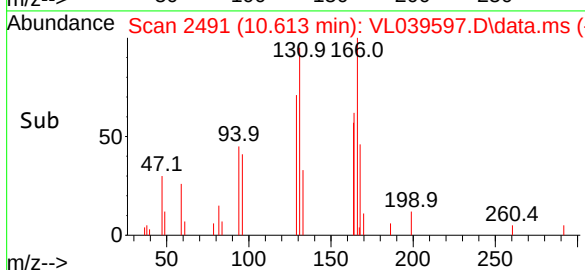
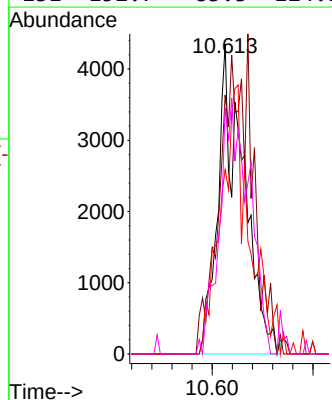
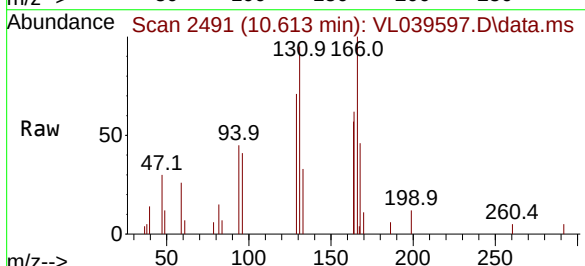
Manual Integrations
APPROVED

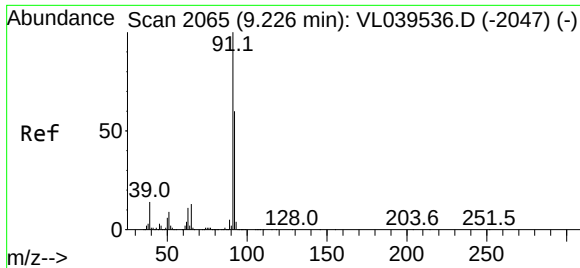
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#52
Tetrachloroethene
Concen: 0.102 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion:164 Resp: 7670
Ion Ratio Lower Upper
164 100
166 160.6 102.2 153.2#
129 114.3 85.8 128.8
131 152.7 83.3 124.9#





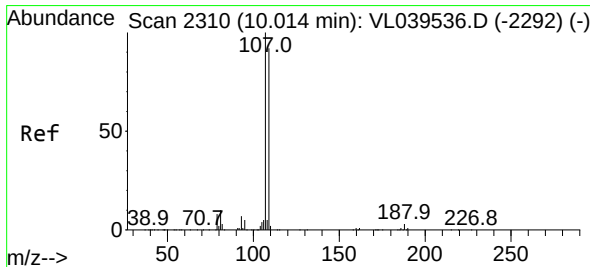
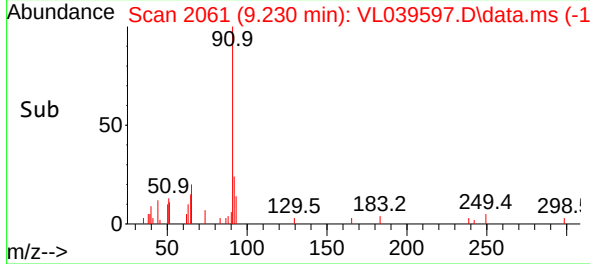
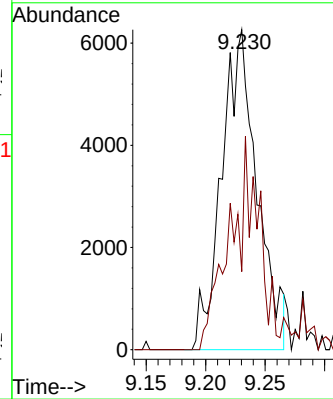
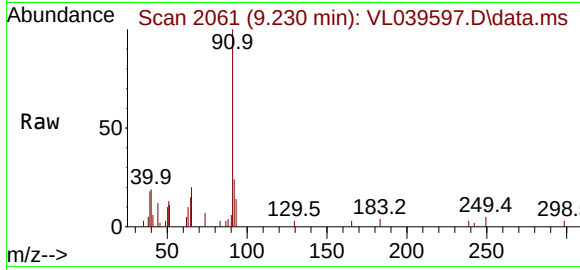
#53
Toluene
Concen: 0.059 ppbv m
RT: 9.230 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 1298
Ion Ratio Lower Upper
91 100
92 53.9 48.2 72.2

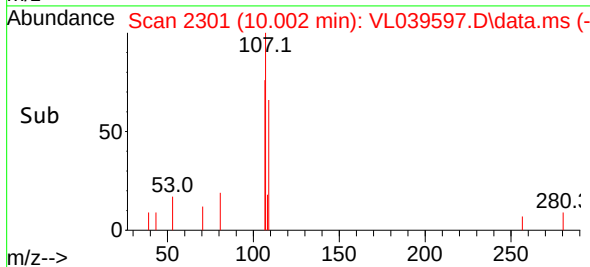
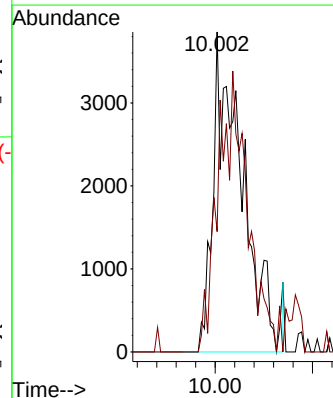
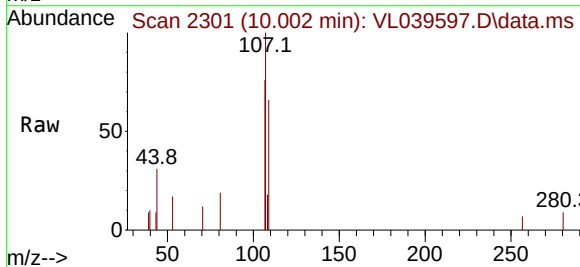
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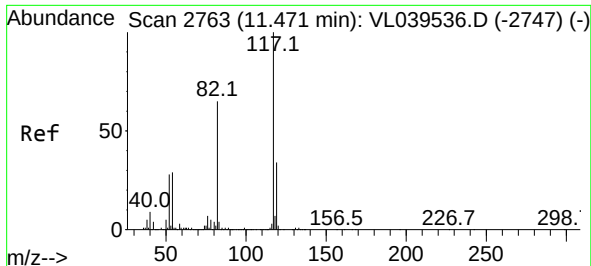
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#54
1,2-Dibromoethane
Concen: 0.084 ppbv m
RT: 10.002 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

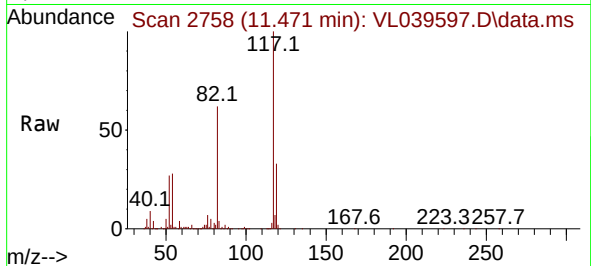
Tgt Ion:107 Resp: 8030
Ion Ratio Lower Upper
107 100
109 66.3 74.8 112.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2763
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

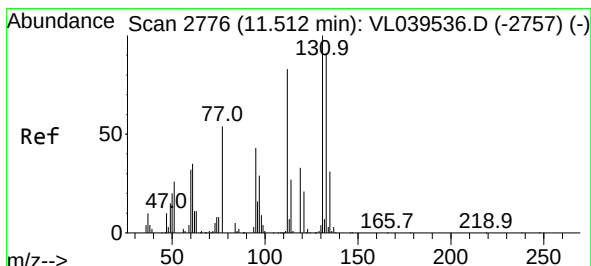
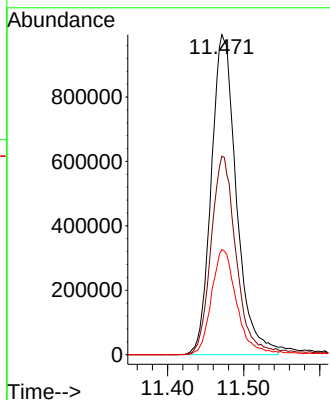
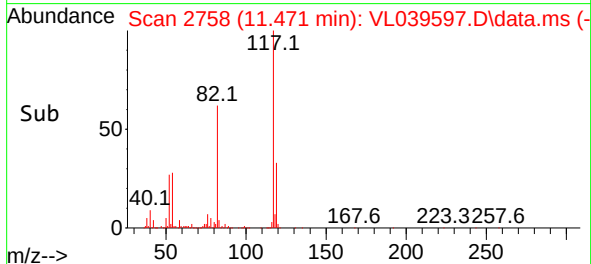
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:117 Resp: 228233
Ion Ratio Lower Upper
117 100
82 63.7 50.8 76.2
119 34.2 24.1 36.1

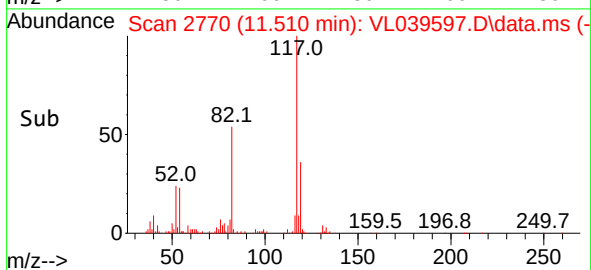
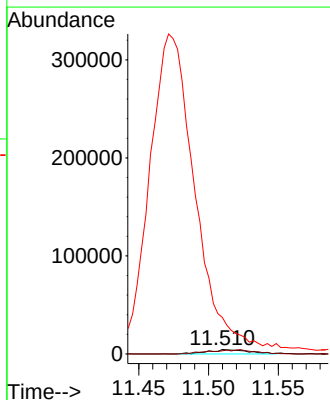
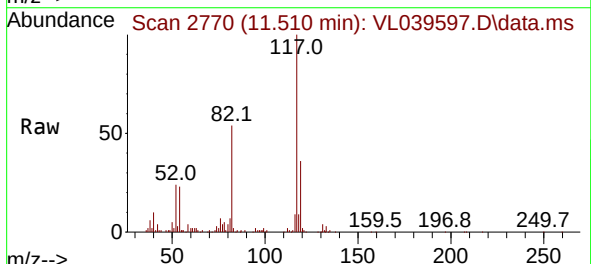
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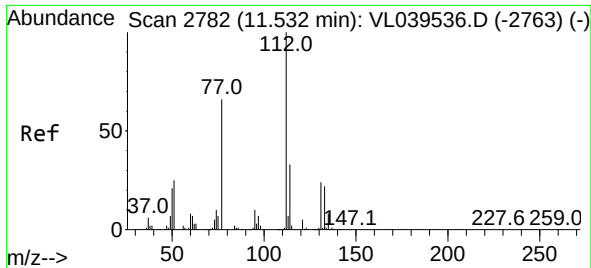
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.097 ppbv m
RT: 11.510 min Scan# 2770
Delta R.T. -0.002 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

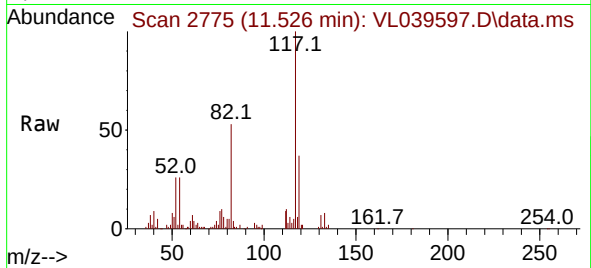
Tgt Ion:131 Resp: 8954
Ion Ratio Lower Upper
131 100
133 108.2 76.8 115.2
119 0.0 46.2 69.4#





#57
Chlorobenzene
Concen: 0.105 ppbv m
RT: 11.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

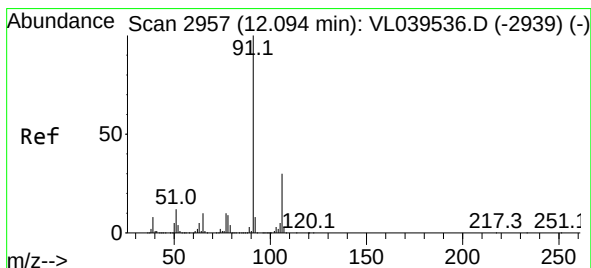
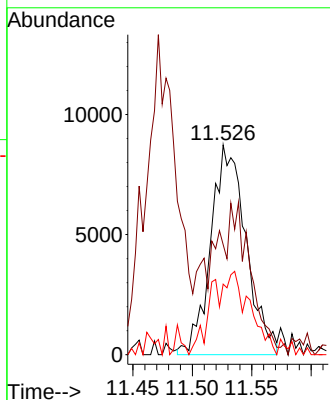
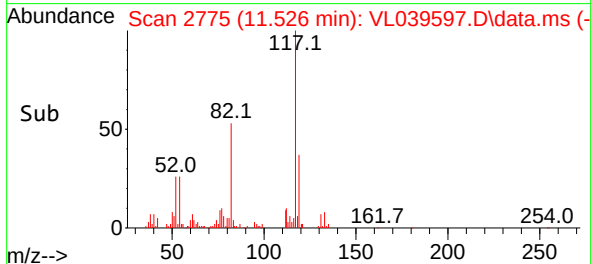
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:112 Resp: 17939
Ion Ratio Lower Upper
112 100
77 98.6 51.0 76.4
114 63.2 27.5 33.6

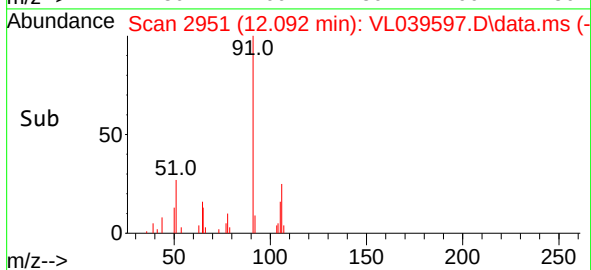
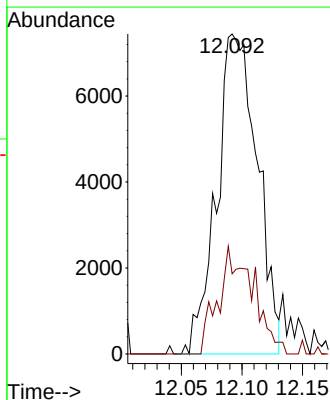
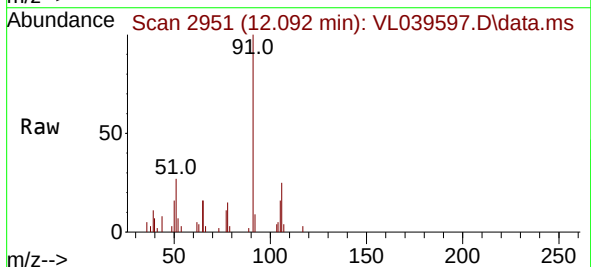
Manual Integrations
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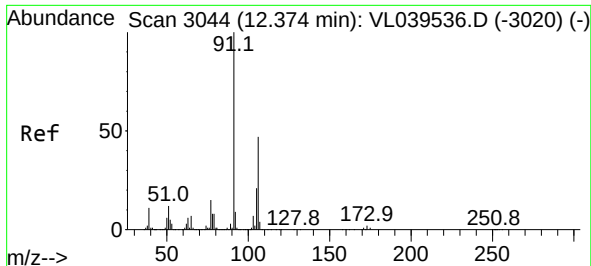
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#58
Ethyl Benzene
Concen: 0.066 ppbv m
RT: 12.092 min Scan# 2951
Delta R.T. -0.002 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion: 91 Resp: 17338
Ion Ratio Lower Upper
91 100
106 25.0 25.4 38.0





#59

m/p-Xylene

Concen: 0.118 ppbv m

RT: 12.391 min Scan# 3044

Delta R.T. 0.017 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 2778

Ion Ratio Lower Upper

91 100

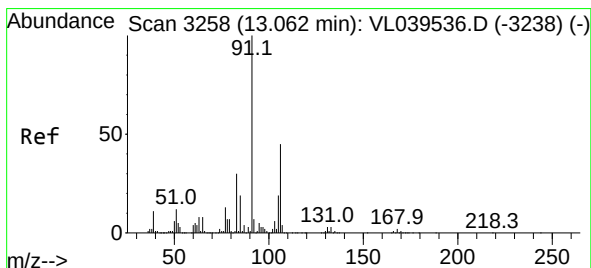
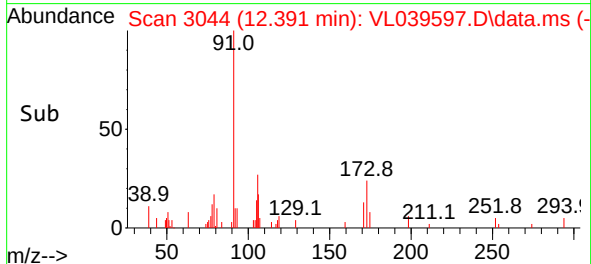
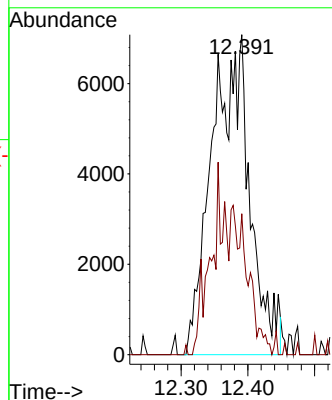
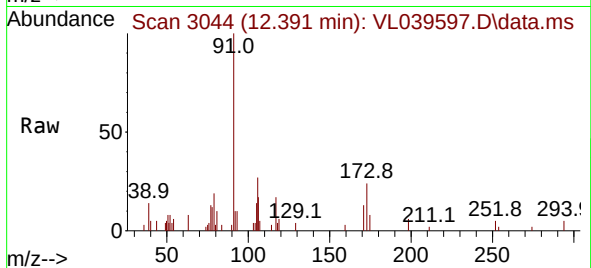
106 0.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#60

o-Xylene

Concen: 0.056 ppbv m

RT: 13.073 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039597.D

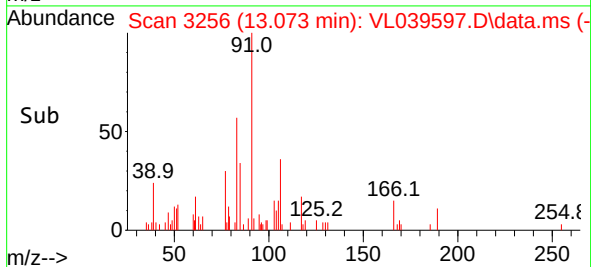
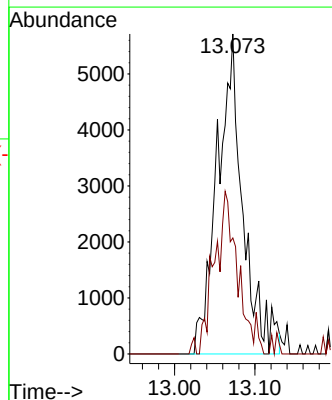
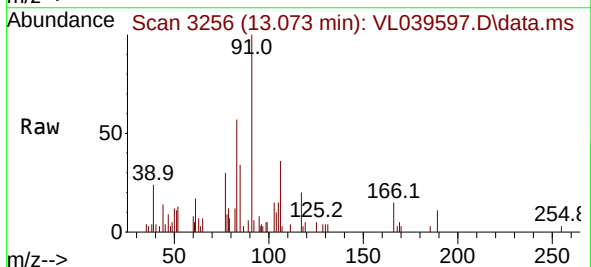
Acq: 26 Aug 2022 10:21

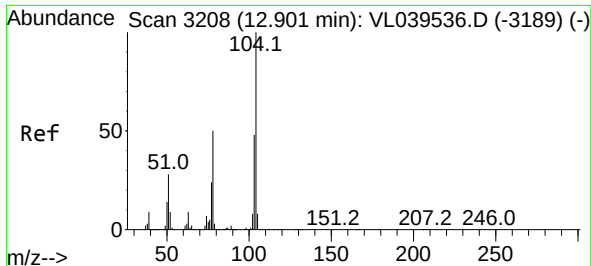
Tgt Ion: 91 Resp: 12663

Ion Ratio Lower Upper

91 100

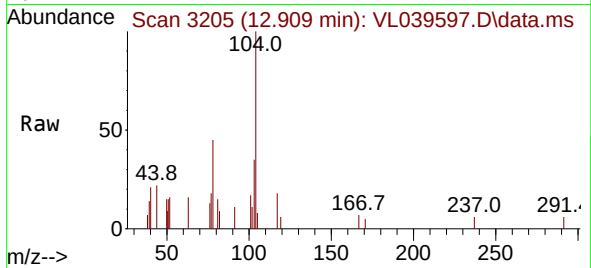
106 47.4 22.4 67.3





#61
Styrene
Concen: 0.055 ppbv m
RT: 12.909 min Scan# 3189
Delta R.T. 0.007 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

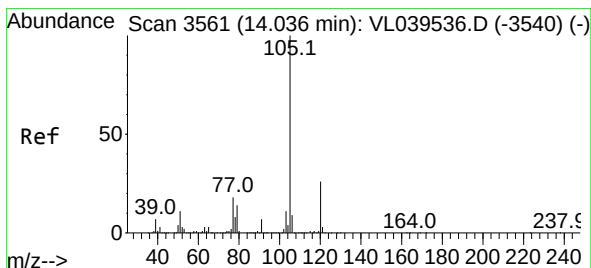
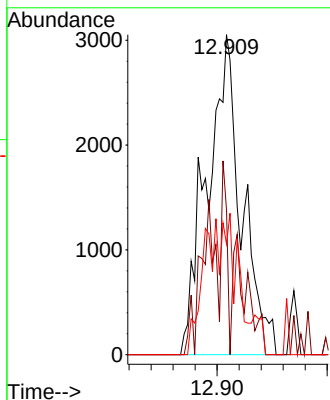
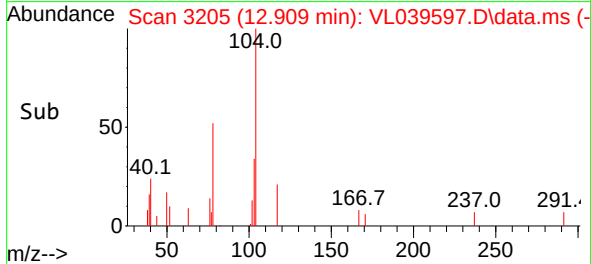
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:104 Resp: 6640
Ion Ratio Lower Upper
104 100
78 0.0 41.2 61.8
103 0.0 38.7 58.1

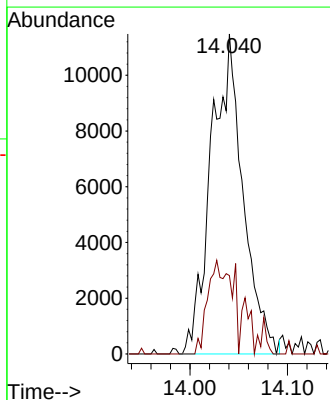
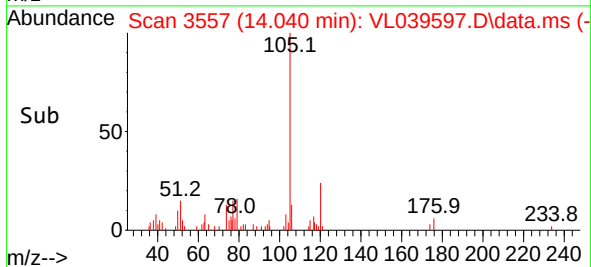
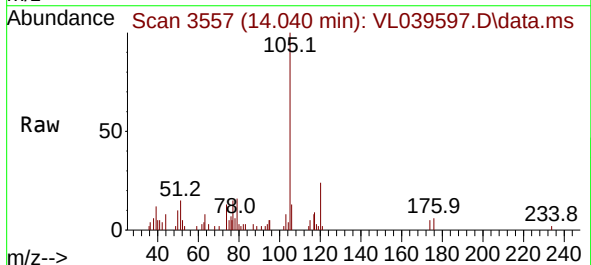
Manual Integrations
APPROVED

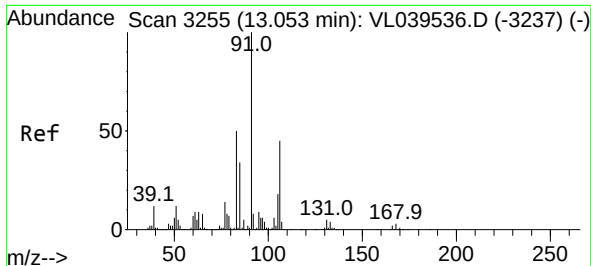
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#62
Isopropylbenzene
Concen: 0.076 ppbv m
RT: 14.040 min Scan# 3557
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

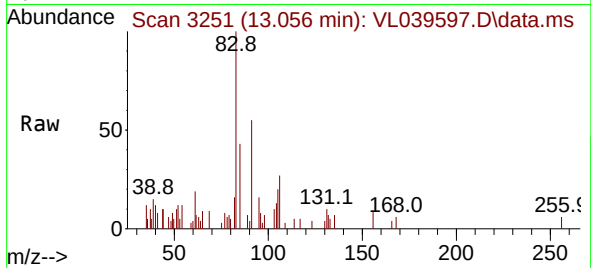
Tgt Ion:105 Resp: 26005
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.117 ppbv m
RT: 13.056 min Scan# 3255
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

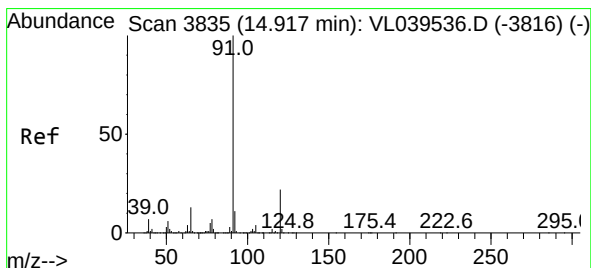
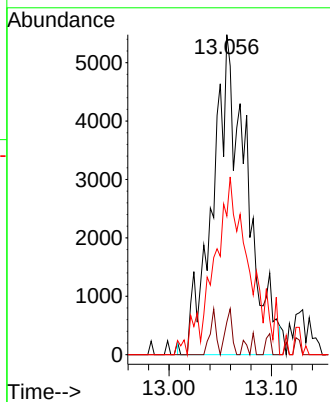
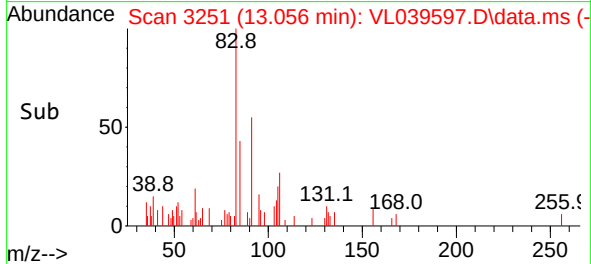
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



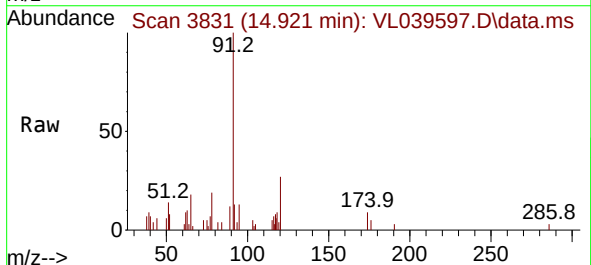
Tgt Ion: 83 Resp: 12514
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8
85 0.0 33.1 99.5

Manual Integrations
APPROVED

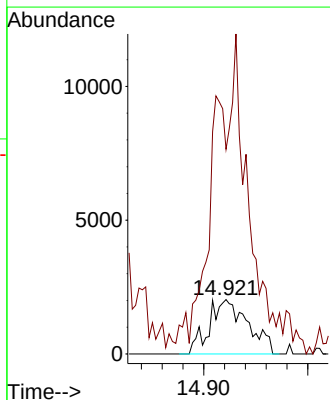
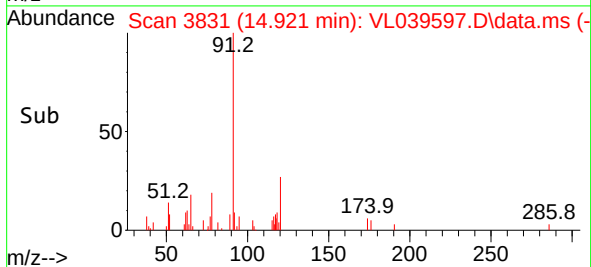
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

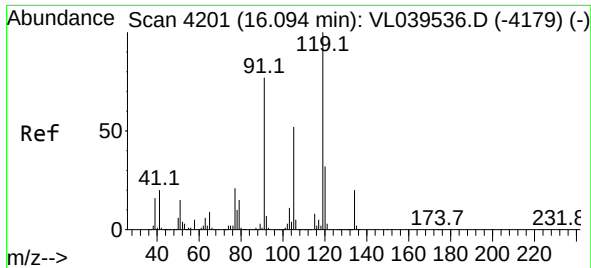


#64
n-propylbenzene
Concen: 0.059 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21



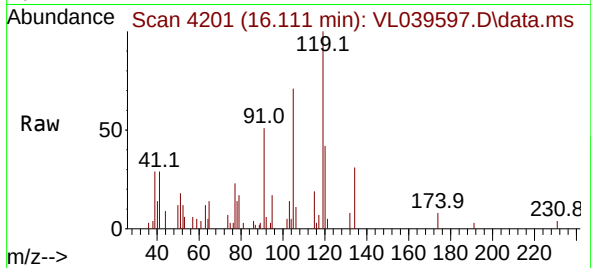
Tgt Ion:120 Resp: 5252
Ion Ratio Lower Upper
120 100
91 62.4 367.2 550.8





#65
tert-Butylbenzene
Concen: 0.062 ppbv m
RT: 16.111 min Scan# 4179
Delta R.T. 0.017 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

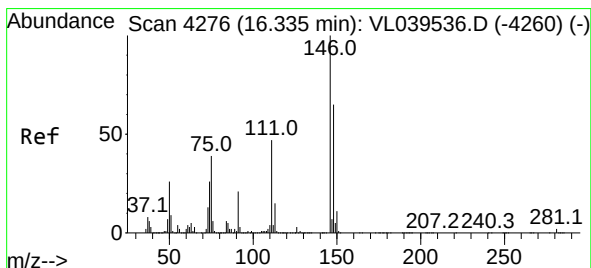
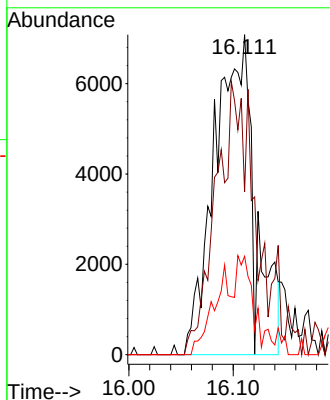
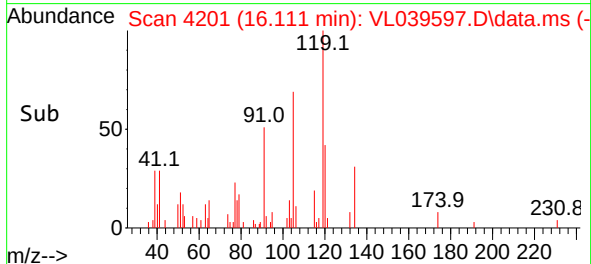
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



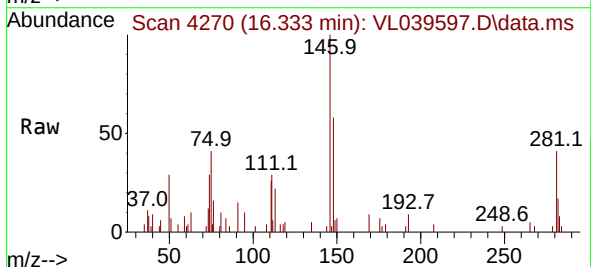
Tgt Ion: 119 Resp: 18934
Ion Ratio Lower Upper
119 100
91 0.0 63.4 95.2#
134 0.0 15.9 23.9#

Manual Integrations
APPROVED

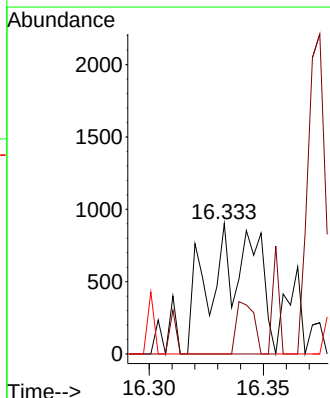
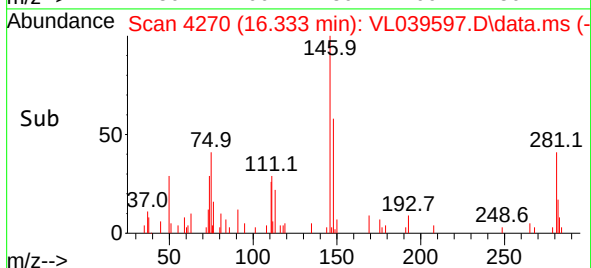
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

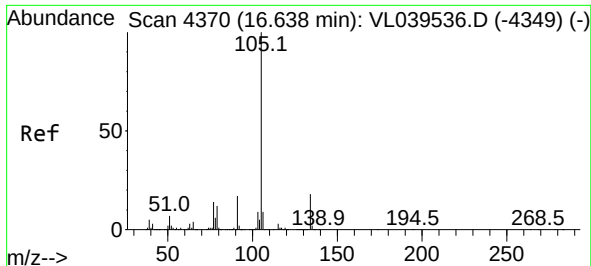


#66
Benzyl Chloride
Concen: 0.050 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. -0.002 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21



Tgt Ion: 91 Resp: 1231
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.070 ppbv

RT: 16.645 min Scan# 4370

Delta R.T. 0.007 min

Lab File: VL039597.D

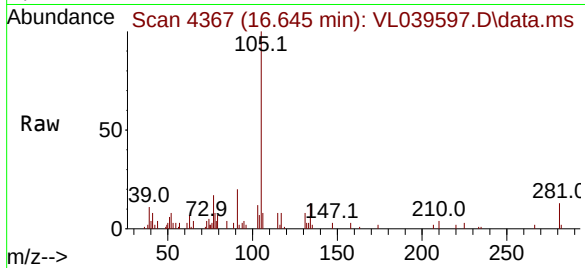
Acq: 26 Aug 2022 10:21

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

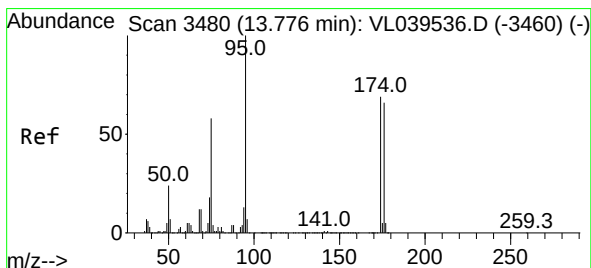
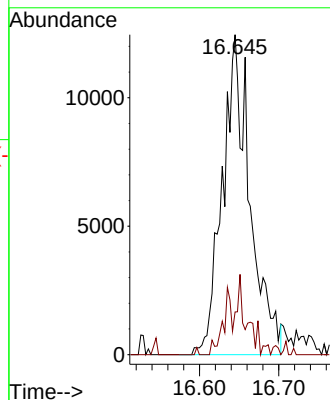
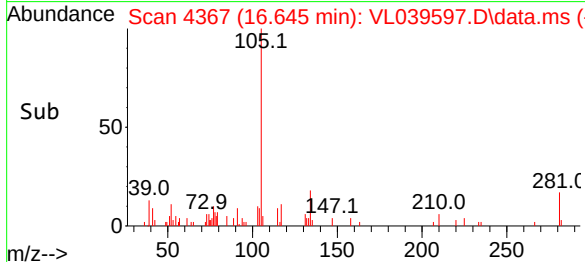


Tgt Ion:105 Resp: 29958
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.568 ppbv

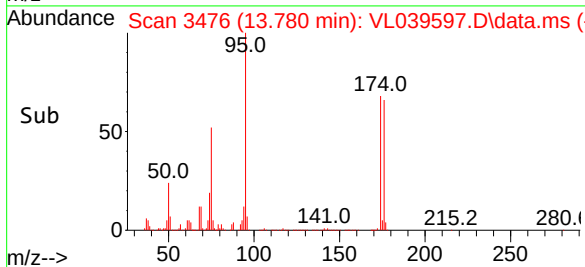
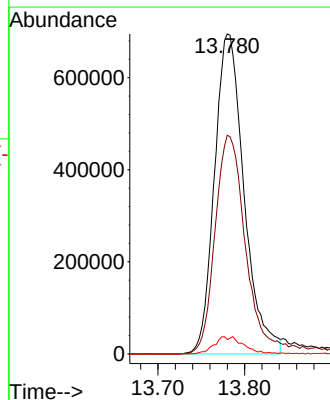
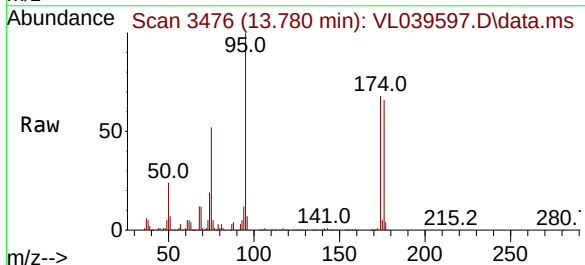
RT: 13.780 min Scan# 3476

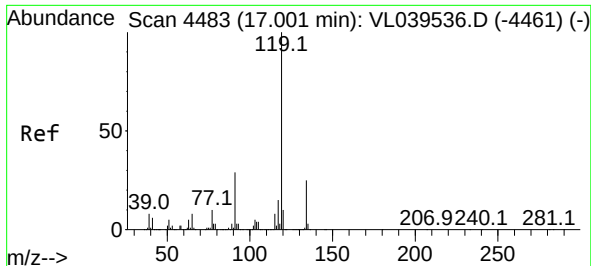
Delta R.T. 0.004 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

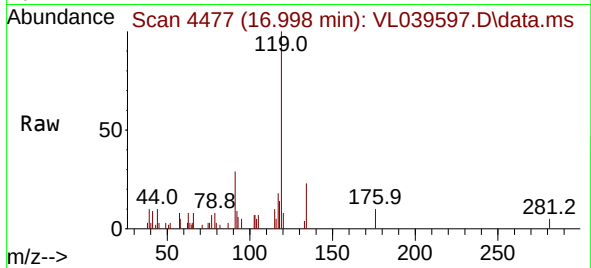
Tgt Ion: 95 Resp: 1647527
 Ion Ratio Lower Upper
 95 100
 174 72.6 55.9 83.9
 175 5.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.060 ppbv m
RT: 16.998 min Scan# 4483
Delta R.T. -0.002 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

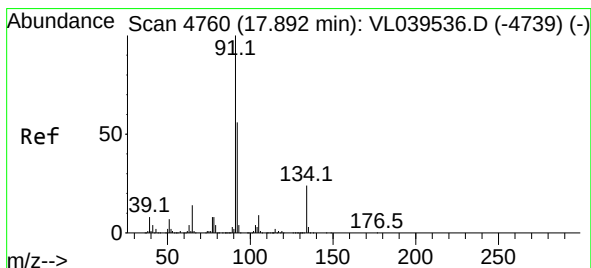
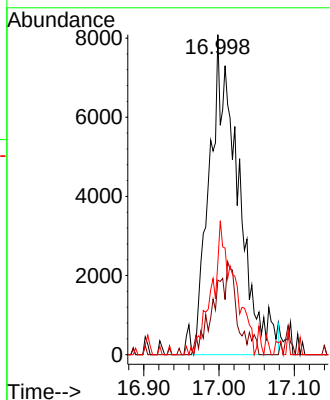
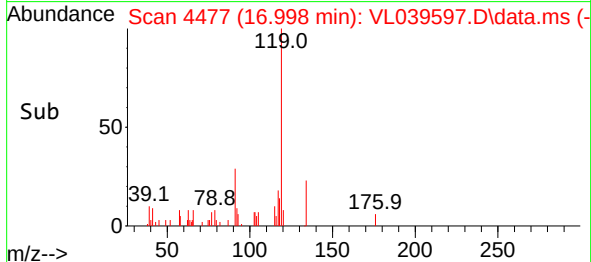
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



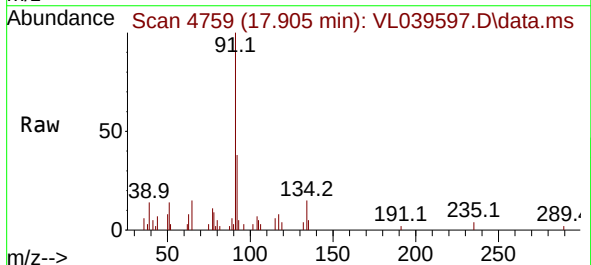
Tgt Ion: 119 Resp: 2158
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5
91 34.6 22.9 34.3

Manual Integrations
APPROVED

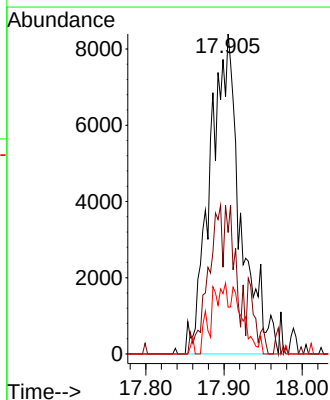
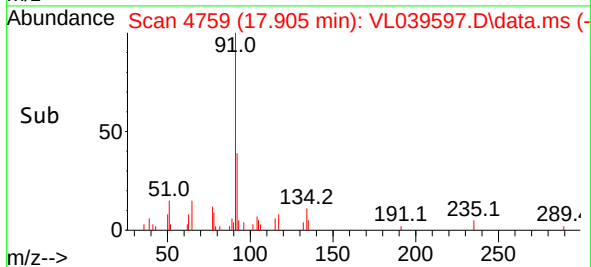
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

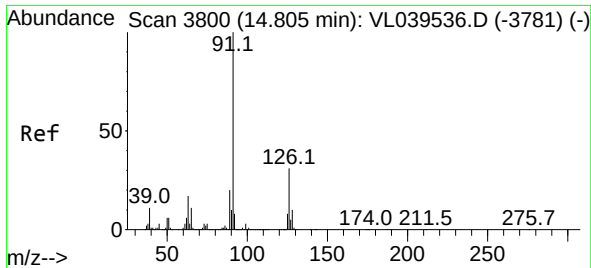


#70
n-Butylbenzene
Concen: 0.064 ppbv m
RT: 17.905 min Scan# 4759
Delta R.T. 0.014 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21



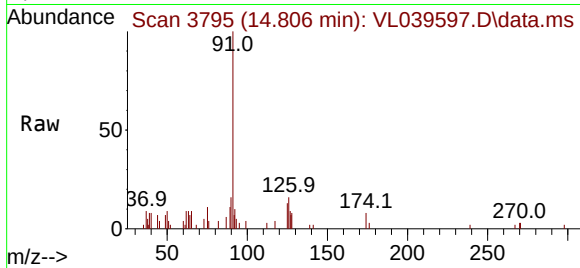
Tgt Ion: 91 Resp: 22755
Ion Ratio Lower Upper
91 100
92 46.8 43.4 65.2
134 21.4 18.9 28.3





#71
2-Chlorotoluene
Concen: 0.072 ppbv m
RT: 14.806 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

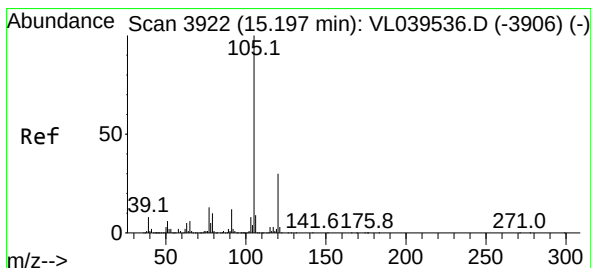
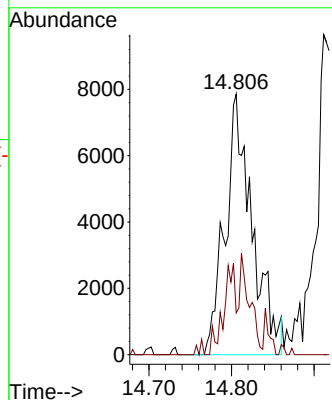
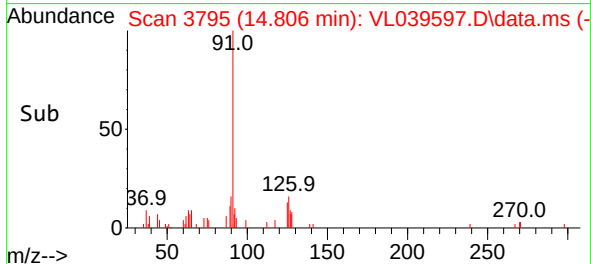
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



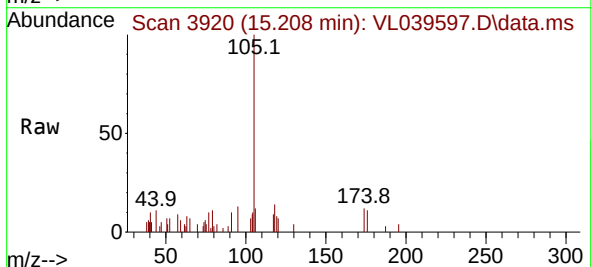
Tgt Ion: 91 Resp: 17740
Ion Ratio Lower Upper
91 100
126 0.0 13.0 51.8

Manual Integrations
APPROVED

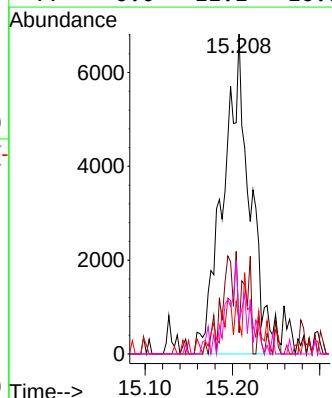
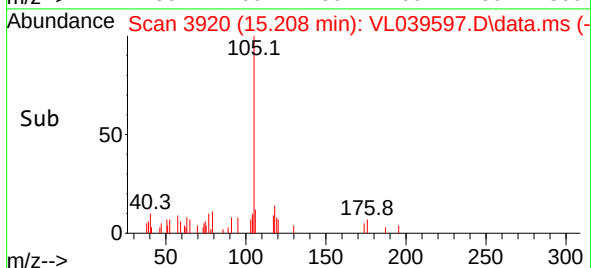
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

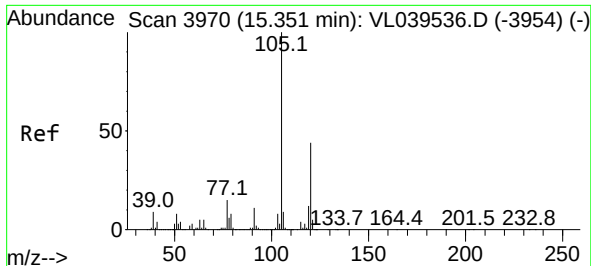


#72
4-Ethyltoluene
Concen: 0.056 ppbv m
RT: 15.208 min Scan# 3920
Delta R.T. 0.010 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21



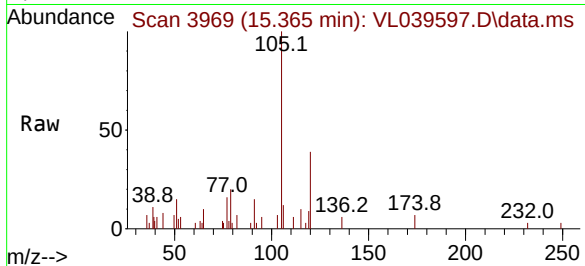
Tgt Ion:105 Resp: 14667
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 0.0 10.2 15.4#
77 0.0 11.1 16.7#





#73
 1,3,5-Trimethylbenzene
 Concen: 0.060 ppbv m
 RT: 15.365 min Scan# 3970
 Delta R.T. 0.014 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21

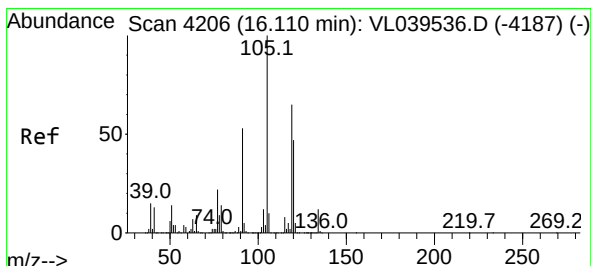
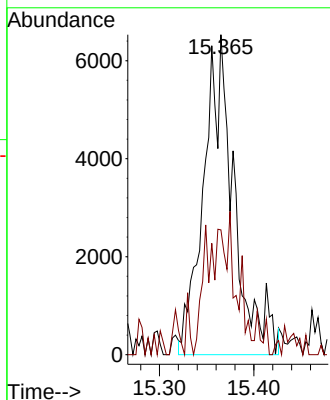
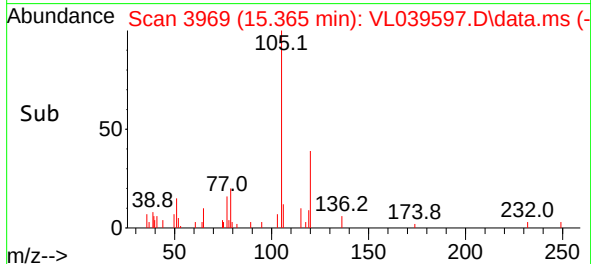
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



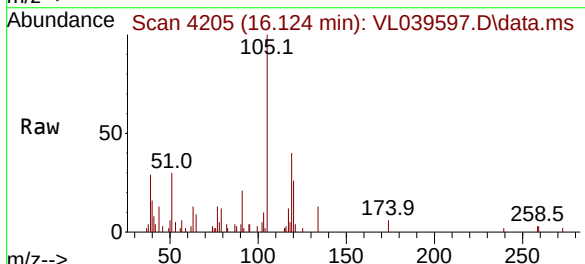
Tgt Ion:105 Resp: 14594
 Ion Ratio Lower Upper
 105 100
 120 39.0 38.2 57.4

Manual Integrations
 APPROVED

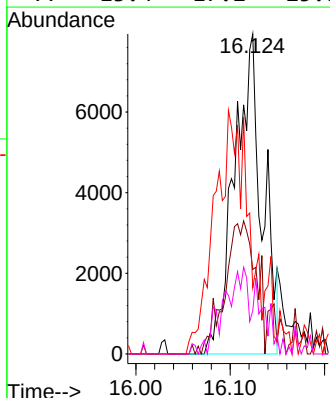
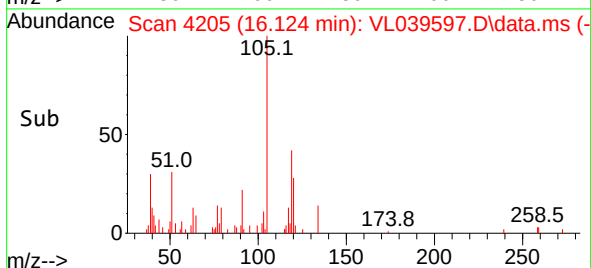
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

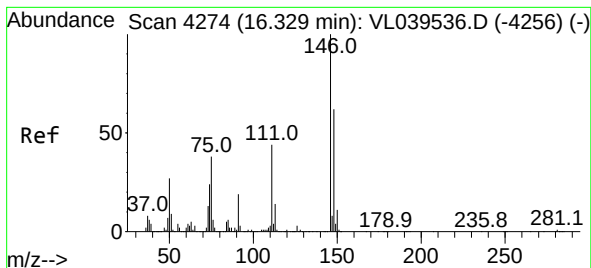


#74
 1,2,4-Trimethylbenzene
 Concen: 0.060 ppbv m
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.014 min
 Lab File: VL039597.D
 Acq: 26 Aug 2022 10:21



Tgt Ion:105 Resp: 16110
 Ion Ratio Lower Upper
 105 100
 120 26.4 39.5 59.3#
 91 20.7 39.2 58.8#
 77 13.4 17.2 25.8#





#75

1,3-Dichlorobenzene

Concen: 0.099 ppbv m

RT: 16.333 min Scan# 4314

Delta R.T. 0.004 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

Instrument :

MSVOA_L

ClientSampleId :

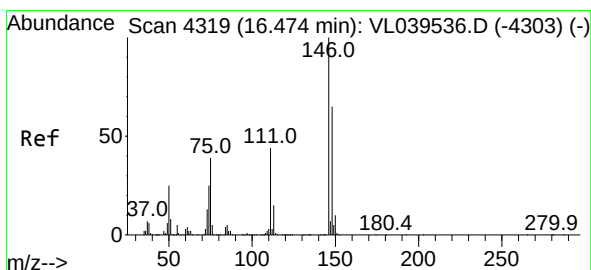
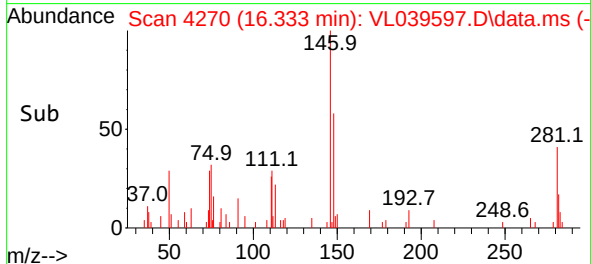
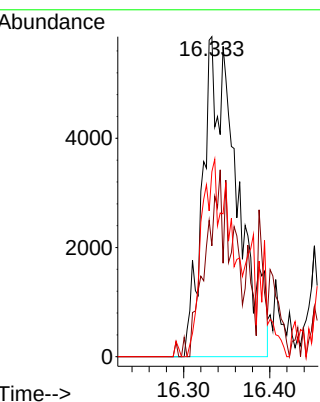
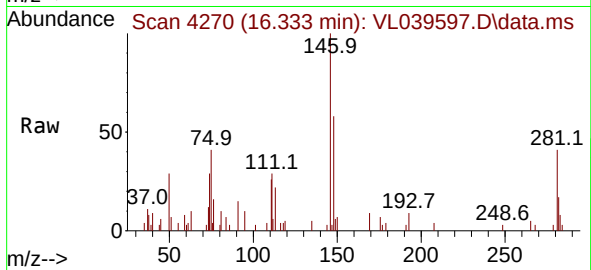
MDL-AIR-03-QT3-2022

Tgt Ion:146 Resp: 16214
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.9 68.7
 148 71.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#76

1,4-Dichlorobenzene

Concen: 0.096 ppbv m

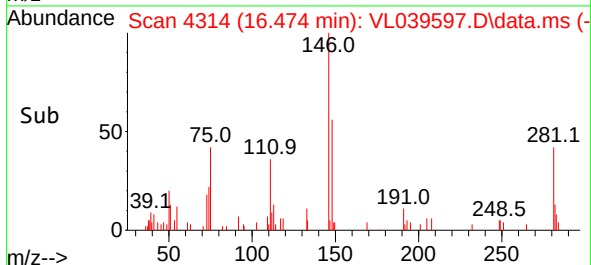
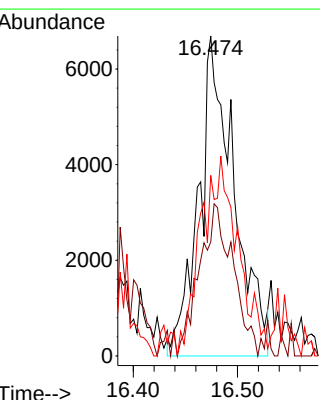
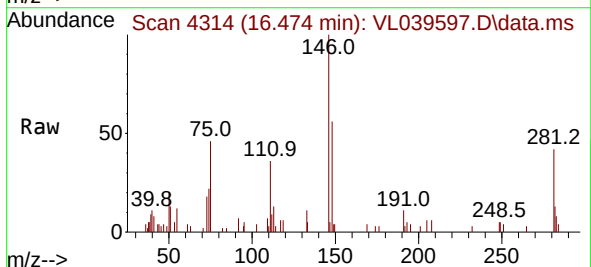
RT: 16.474 min Scan# 4314

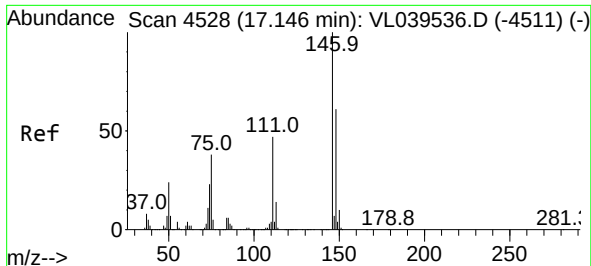
Delta R.T. 0.001 min

Lab File: VL039597.D

Acq: 26 Aug 2022 10:21

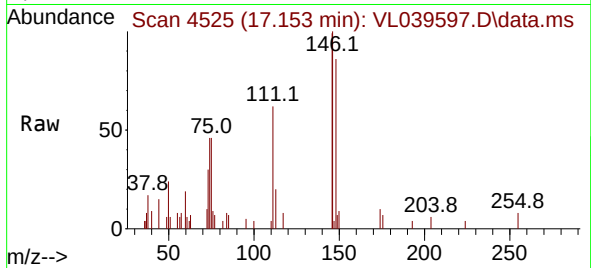
Tgt Ion:146 Resp: 15705
 Ion Ratio Lower Upper
 146 100
 111 48.1 22.9 68.8
 148 69.6 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 0.090 ppbv m
RT: 17.153 min Scan# 4525
Delta R.T. 0.007 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

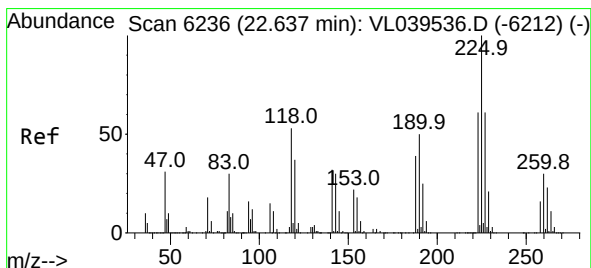
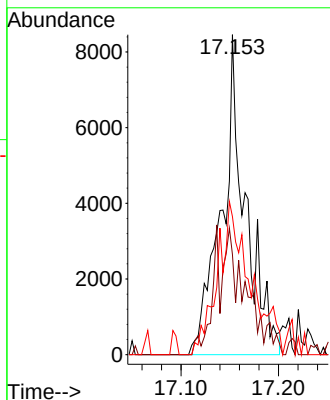
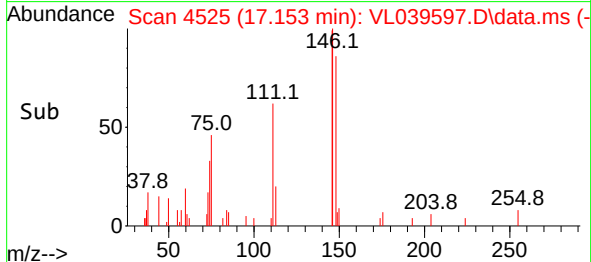
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:146 Resp: 14398
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.5
148 67.5 32.3 96.8

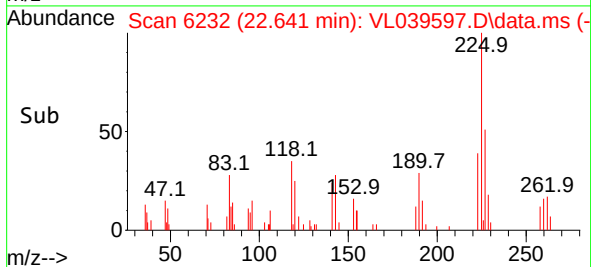
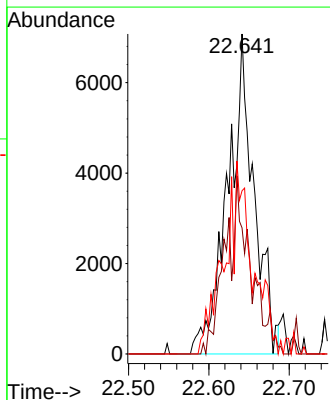
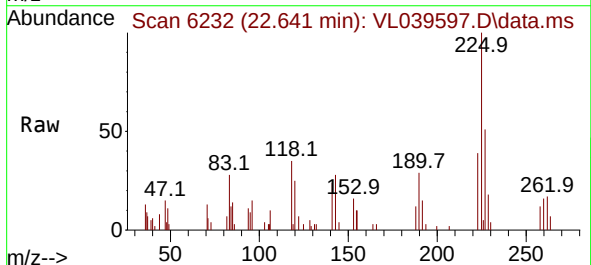
Manual Integrations
APPROVED

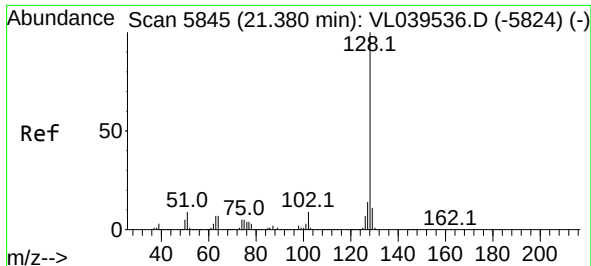
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#78
Hexachloro-1,3-Butadiene
Concen: 0.126 ppbv m
RT: 22.641 min Scan# 6232
Delta R.T. 0.004 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

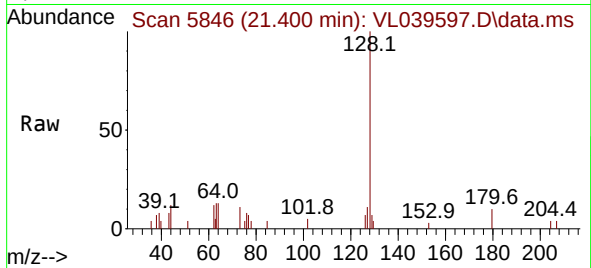
Tgt Ion:225 Resp: 16099
Ion Ratio Lower Upper
225 100
223 53.5 51.8 77.6
227 66.2 51.4 77.2





#79
Naphthalene
Concen: 0.063 ppbv m
RT: 21.400 min Scan# 5845
Delta R.T. 0.020 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

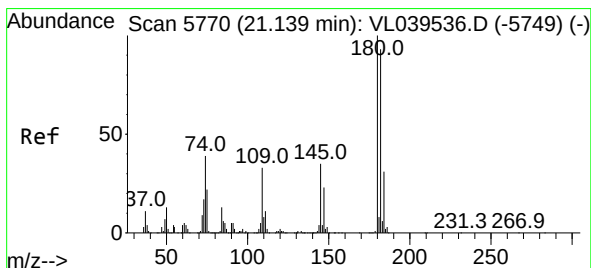
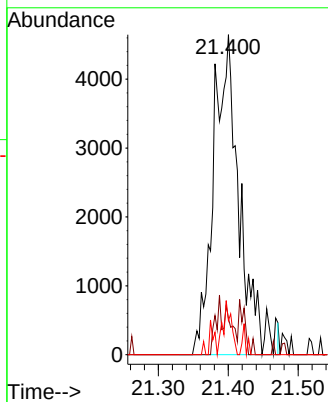
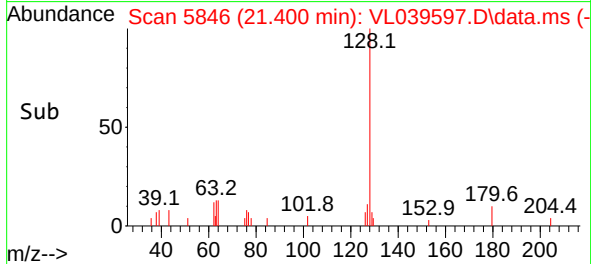
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:128 Resp: 12009
Ion Ratio Lower Upper
128 100
127 11.3 10.6 15.8
129 6.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.077 ppbv m
RT: 21.156 min Scan# 5770
Delta R.T. 0.017 min
Lab File: VL039597.D
Acq: 26 Aug 2022 10:21

Tgt Ion:180 Resp: 9888
Ion Ratio Lower Upper
180 100
182 0.0 77.1 115.7#
184 0.0 24.3 36.5#

