

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039435.D
 Acq On : 6 Jul 2022 1:45
 Operator : SY/AP
 Sample : N3214-15 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Quant Time: Jul 06 02:39:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

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

Internal Standards						
1) Bromochloromethane	5.677	49	1075660	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	3130378	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2778266	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2123088	10.301	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	118939	0.767	ppbv	92
3) Chlorodifluoromethane	3.002	51	77822	0.570	ppbv	97
4) Chloromethane	3.153	50	41045m	0.550	ppbv	
5) Vinyl Chloride	3.269	62	40490m	0.550	ppbv	
6) Bromomethane	3.485	94	19859m	0.641	ppbv	
7) Chloroethane	3.575	64	15771m	0.602	ppbv	
8) Dichlorotetrafluoroethane	3.198	85	92540	0.546	ppbv	95
9) Propene	3.022	41	33346	0.541	ppbv	98
10) Heptane	8.137	43	68677m	0.476	ppbv	
11) Trichlorofluoromethane	3.960	101	100964	0.584	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.494	101	70027	0.543	ppbv	93
13) Ethanol	3.632	45	2665m	0.745	ppbv	
14) Bromoethene	3.751	108	28535	0.527	ppbv #	96
15) Acetone	3.870	43	94789m	0.745	ppbv	
16) 1,3-Butadiene	3.337	39	36748	0.557	ppbv	97
17) tert-Butyl alcohol	4.311	59	56531m	0.523	ppbv	
18) 1,1-Dichloroethene	4.304	96	32185m	0.551	ppbv	
19) Isopropyl Alcohol	3.993	45	31556m	0.465	ppbv	
20) Methylene Chloride	4.356	84	37898m	0.747	ppbv	
21) Allyl Chloride	4.423	41	43767	0.497	ppbv	94
22) trans-1,2-Dichloroethene	4.902	96	28797m	0.509	ppbv	
23) Vinyl Acetate	5.089	43	37671m	0.443	ppbv	
24) 1,1-Dichloroethane	5.028	63	70761m	0.589	ppbv	
25) Ethyl Acetate	5.697	43	129854	0.498	ppbv	98
26) Hexane	5.697	57	58186m	0.553	ppbv	
27) Carbon Disulfide	4.562	76	59161m	0.466	ppbv	
28) Methyl tert-Butyl Ether	5.060	73	66341	0.590	ppbv	100
29) Chloroform	5.761	83	102191m	0.559	ppbv	
30) Cyclohexane	7.147	84	53279m	0.556	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	52932m	0.474	ppbv	
32) 1,1,1-Trichloroethane	6.520	97	89886	0.498	ppbv	96
34) 2-Butanone	5.266	43	66704	0.423	ppbv	91
35) Carbon Tetrachloride	7.031	117	88704	0.459	ppbv	92
36) Benzene	6.902	78	107002	0.442	ppbv #	93
37) 1,2-Dichloroethane	6.314	62	66786m	0.467	ppbv	
38) Trichloroethene	7.848	130	58439	0.446	ppbv	85
39) 1,2-Dichloropropane	7.626	63	44800m	0.495	ppbv	
40) 1,4-Dioxane	7.873	88	20318m	0.563	ppbv	
41) Tetrahydrofuran	6.079	42	39966m	0.438	ppbv	
42) Bromodichloromethane	7.806	83	82089	0.426	ppbv	98
43) Methyl Methacrylate	8.034	69	38686m	0.420	ppbv	
44) 2,2,4-Trimethylpentane	7.886	57	189176	0.461	ppbv	93
45) t-1,3-Dichloropropene	9.295	75	25846m	0.315	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 06 02:39:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

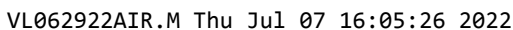
Response via : Initial Calibration

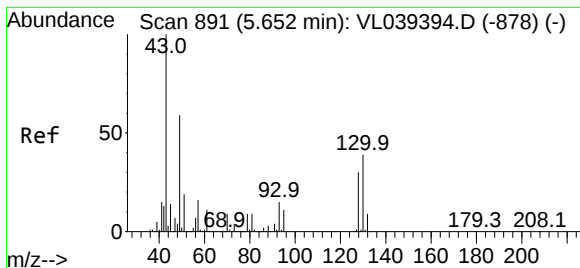
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.713	75	39817m	0.353	ppbv	
47) 1,1,2-Trichloroethane	9.481	97	51589m	0.508	ppbv	
48) Dibromochloromethane	10.317	129	63578m	0.394	ppbv	
49) Bromoform	13.057	173	48399m	0.372	ppbv	
50) 4-Methyl-2-Pentanone	8.771	43	101709m	0.427	ppbv	
51) 2-Hexanone	10.163	43	63532m	0.353	ppbv	
52) Tetrachloroethene	11.230	164	45815m	0.470	ppbv	
53) Toluene	9.819	91	115613m	0.414	ppbv	
54) 1,2-Dibromoethane	10.623	107	57209m	0.453	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.134	131	62075m	0.506	ppbv	
57) Chlorobenzene	12.156	112	113993	0.529	ppbv	96
58) Ethyl Benzene	12.725	91	151583	0.423	ppbv	98
59) m/p-Xylene	13.002	91	293517m	0.928	ppbv	
60) o-Xylene	13.700	91	136133	0.455	ppbv	100
61) Styrene	13.539	104	58955m	0.363	ppbv	
62) Isopropylbenzene	14.677	105	224378	0.492	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.693	83	76139m	0.485	ppbv	
64) n-propylbenzene	15.574	120	52999m	0.458	ppbv	
65) tert-Butylbenzene	16.754	119	187284	0.444	ppbv	89
66) Benzyl Chloride	17.008	91	17085m	0.427	ppbv	
67) sec-Butylbenzene	17.307	105	282167m	0.497	ppbv	
69) p-Isopropyltoluene	17.667	119	217653m	0.452	ppbv	
70) n-Butylbenzene	18.558	91	196170	0.420	ppbv	97
71) 2-Chlorotoluene	15.465	91	154013m	0.472	ppbv	
72) 4-Ethyltoluene	15.847	105	156188m	0.444	ppbv	
73) 1,3,5-Trimethylbenzene	16.008	105	137974	0.427	ppbv	89
74) 1,2,4-Trimethylbenzene	16.770	105	163177	0.456	ppbv #	90
75) 1,3-Dichlorobenzene	17.002	146	109966m	0.515	ppbv	
76) 1,4-Dichlorobenzene	17.146	146	103292m	0.488	ppbv	
77) 1,2-Dichlorobenzene	17.828	146	99688m	0.471	ppbv	
78) Hexachloro-1,3-Butadiene	23.384	225	89847m	0.528	ppbv	
79) Naphthalene	22.217	128	83884m	0.341	ppbv	
80) Naphthalene,2-methyl-	25.053	142	13400m	0.160	ppbv	
81) 1,2,4-Trichlorobenzene	21.944	180	62425m	0.389	ppbv	

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

Manual Integrations APPROVED

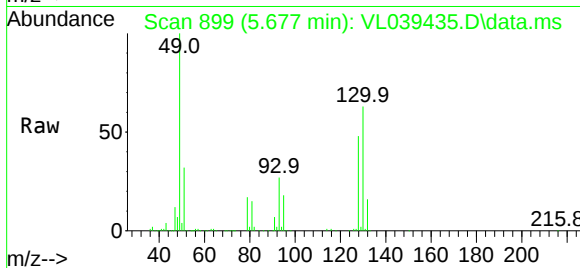
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

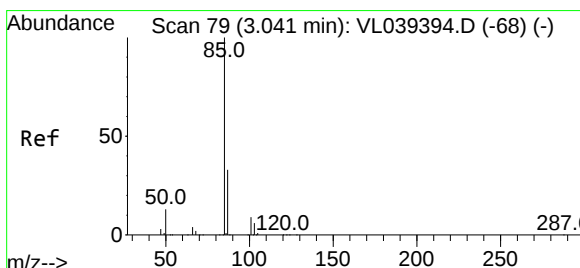
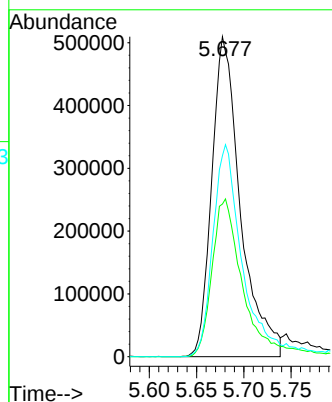
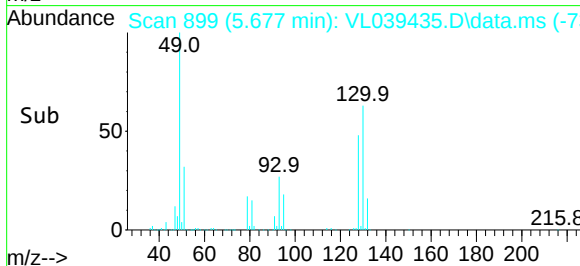
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 49 Resp: 107566
Ion Ratio Lower Upper
49 100
128 54.8 26.7 80.0
130 71.2 34.3 102.8

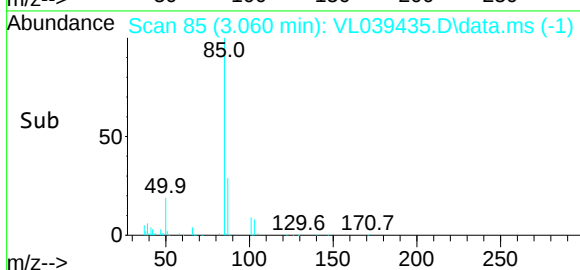
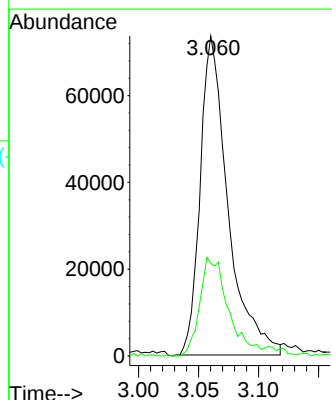
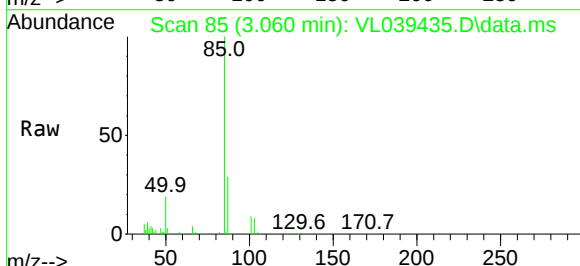
Manual Integrations
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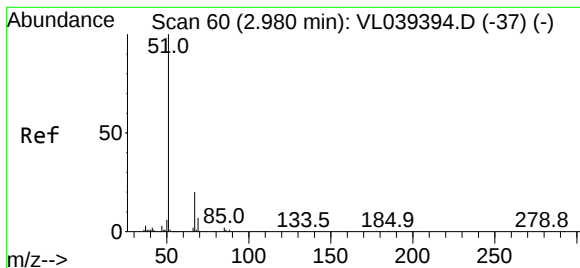
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#2
Dichlorodifluoromethane
Concen: 0.767 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

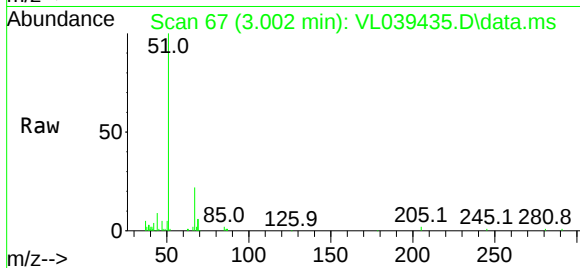
Tgt Ion: 85 Resp: 118939
Ion Ratio Lower Upper
85 100
87 29.0 26.7 40.1





#3
Chlorodifluoromethane
Concen: 0.570 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.022 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

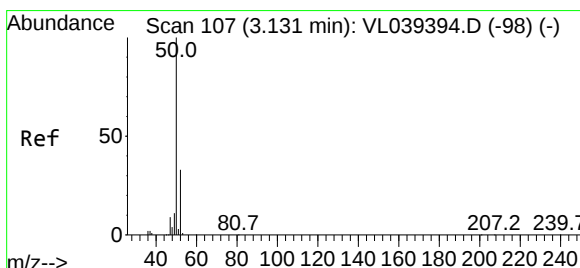
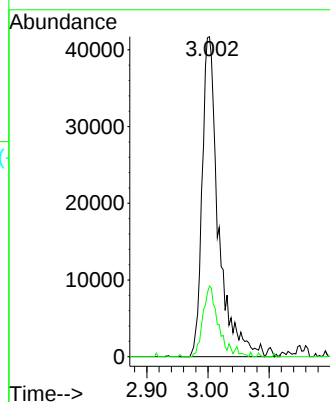
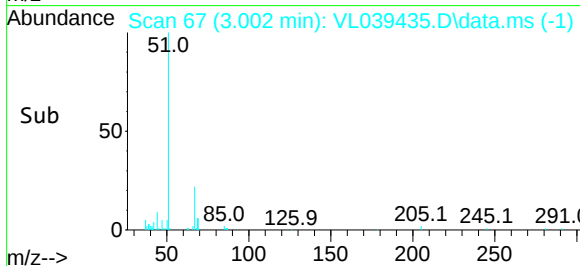
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 51 Resp: 7782
Ion Ratio Lower Upper
51 100
67 21.2 15.7 23.5

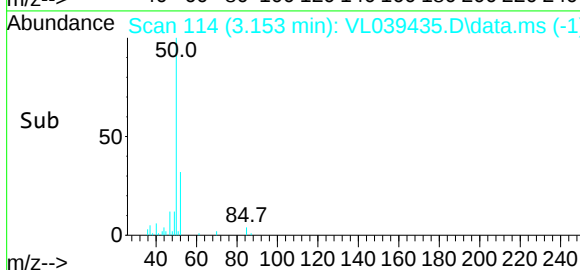
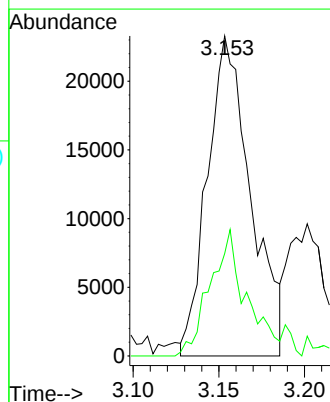
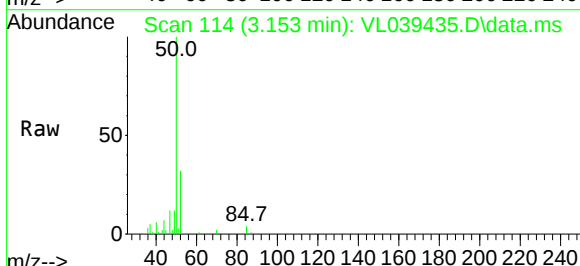
Manual Integrations
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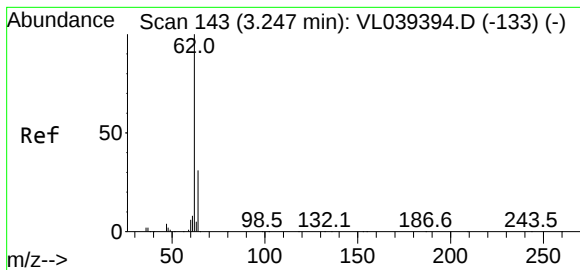
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#4
Chloromethane
Concen: 0.550 ppbv m
RT: 3.153 min Scan# 114
Delta R.T. 0.022 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

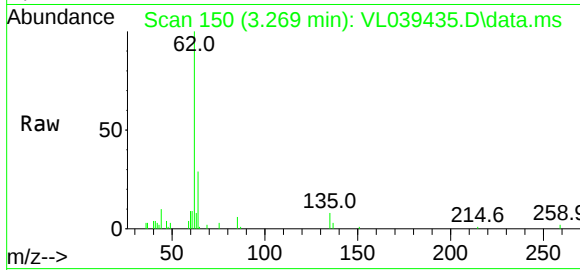
Tgt Ion: 50 Resp: 41045
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.550 ppbv m
 RT: 3.269 min Scan# 11
 Delta R.T. 0.022 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

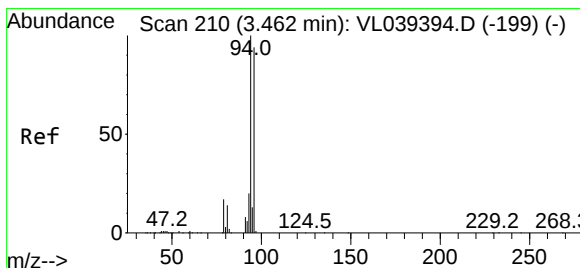
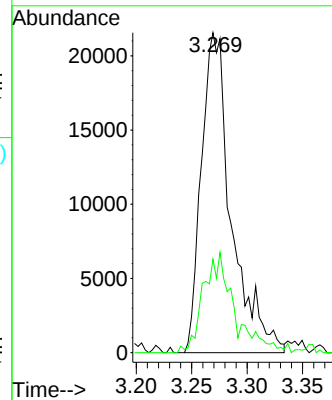
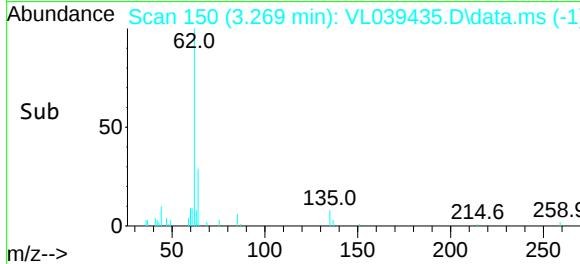
Instrument :
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 ClientSampleId :
 MDL-AIR-03-QT2-2022



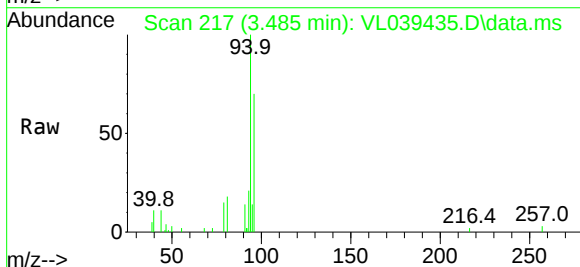
Tgt Ion: 62 Resp: 40490
 Ion Ratio Lower Upper
 62 100
 64 29.2 24.6 36.8

Manual Integrations
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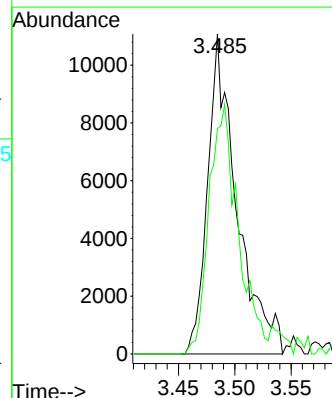
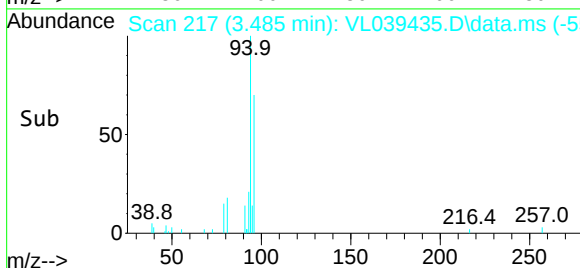
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

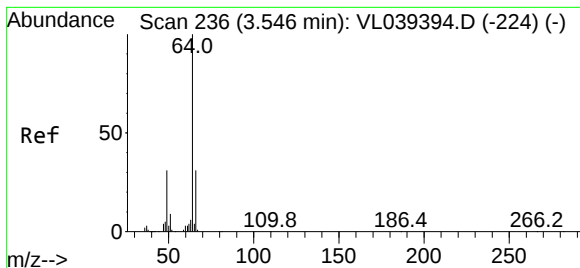


#6
 Bromomethane
 Concen: 0.641 ppbv m
 RT: 3.485 min Scan# 217
 Delta R.T. 0.022 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45



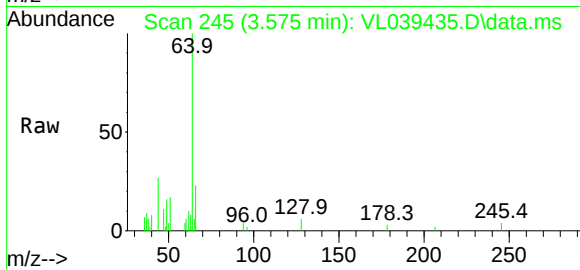
Tgt Ion: 94 Resp: 19859
 Ion Ratio Lower Upper
 94 100
 96 70.4 75.6 113.4#





#7
Chloroethane
Concen: 0.602 ppbv m
RT: 3.575 min Scan# 245
Delta R.T. 0.029 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

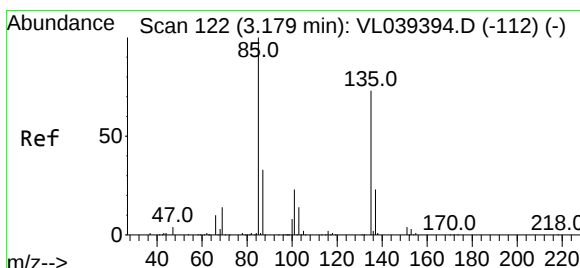
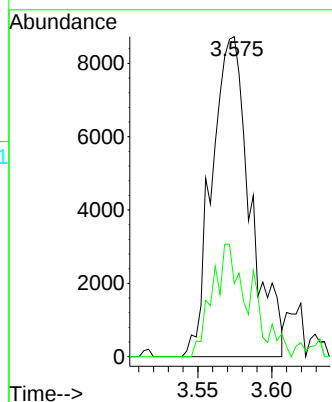
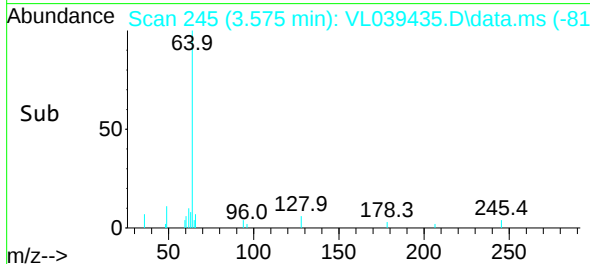
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 64 Resp: 1577
Ion Ratio Lower Upper
64 100
66 22.8 24.7 37.1

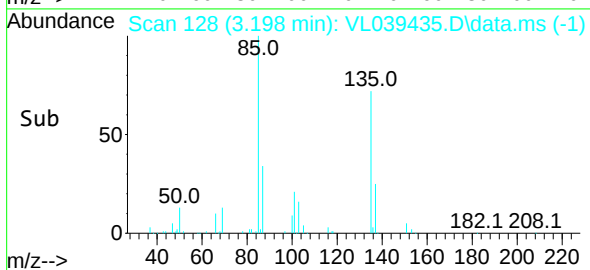
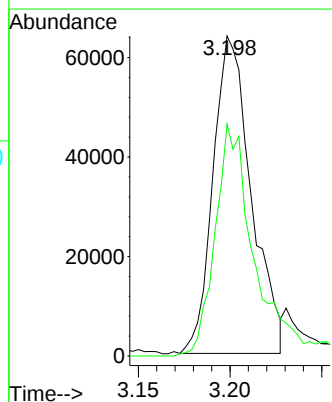
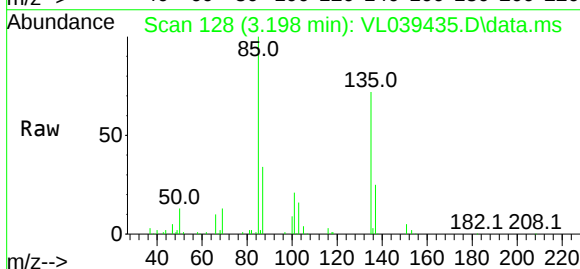
Manual Integrations
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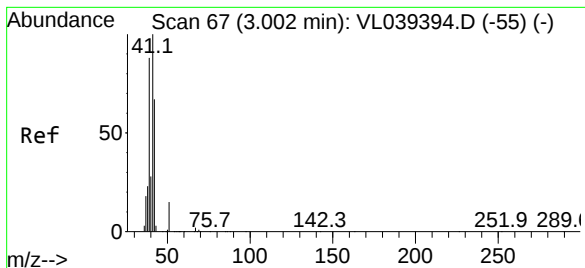
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#8
Dichlorotetrafluoroethane
Concen: 0.546 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

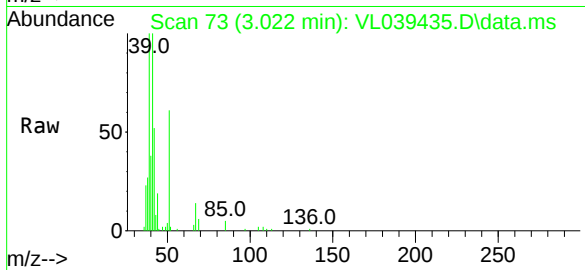
Tgt Ion: 85 Resp: 92540
Ion Ratio Lower Upper
85 100
135 78.2 59.0 88.4





#9
 Propene
 Concen: 0.541 ppbv
 RT: 3.022 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

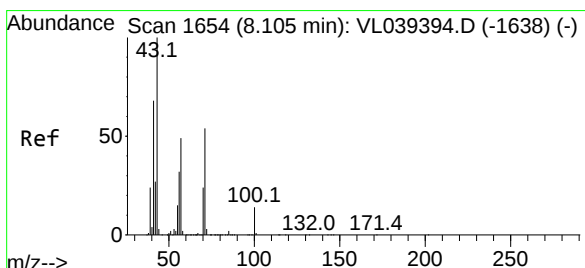
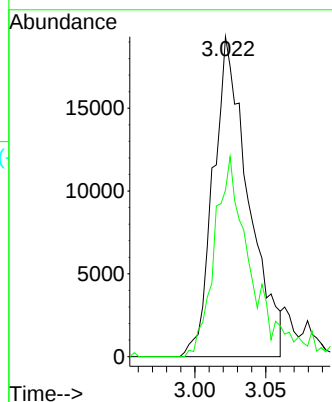
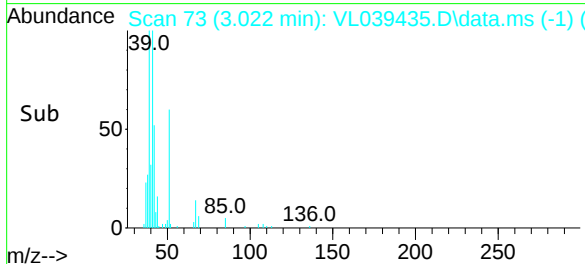
Instrument :
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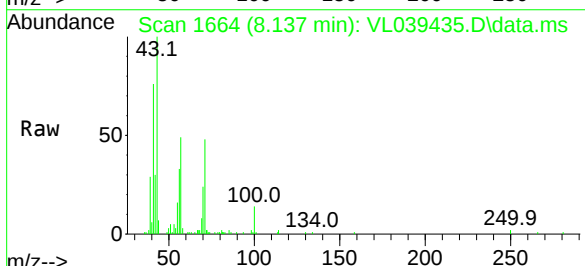
Tgt Ion: 41 Resp: 33340
 Ion Ratio Lower Upper
 41 100
 42 67.1 55.2 82.8

Manual Integrations
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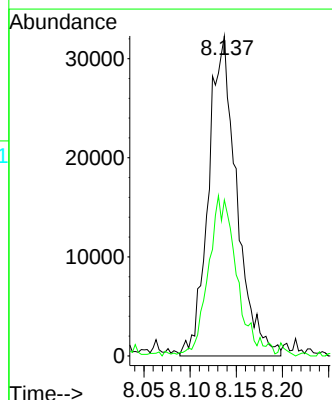
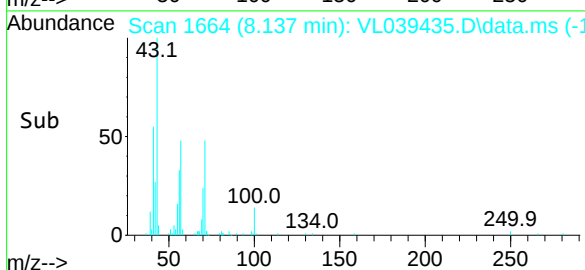
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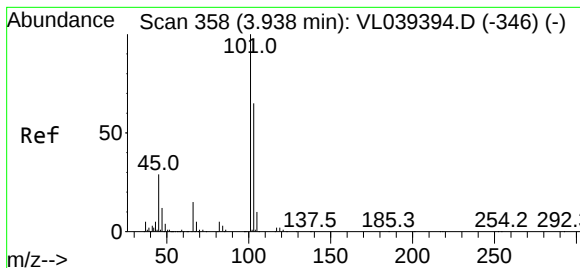


#10
 Heptane
 Concen: 0.476 ppbv m
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45



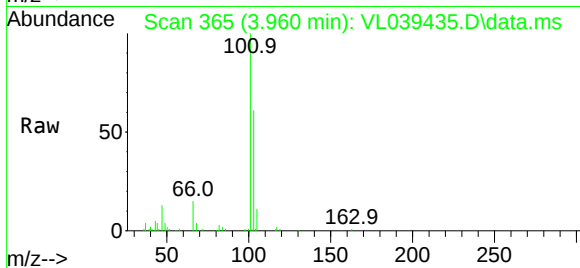
Tgt Ion: 43 Resp: 68677
 Ion Ratio Lower Upper
 43 100
 57 52.6 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 0.584 ppbv
 RT: 3.960 min Scan# 30
 Delta R.T. 0.022 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

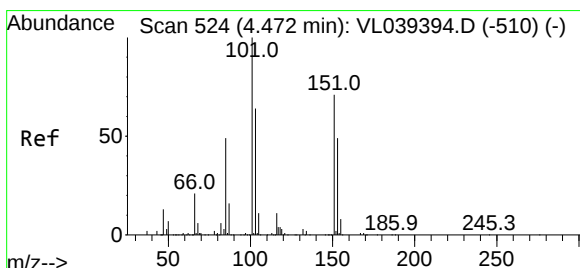
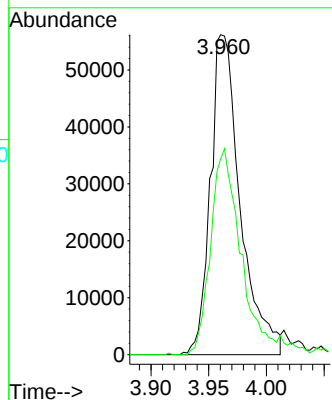
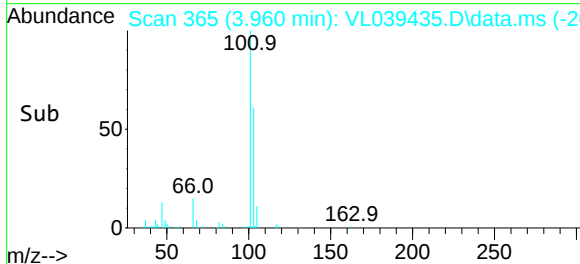
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



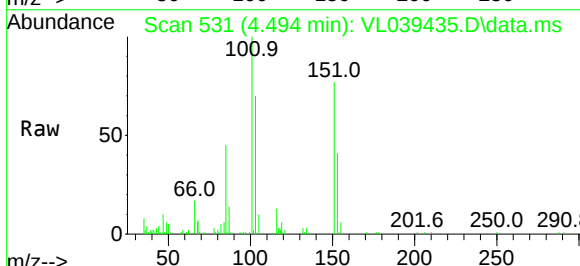
Tgt Ion:101 Resp: 100964
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.8 77.8

Manual Integrations
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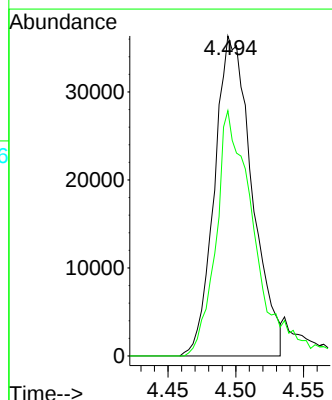
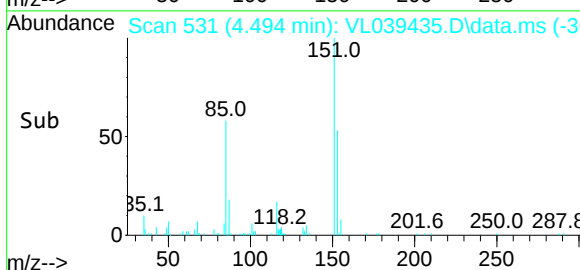
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

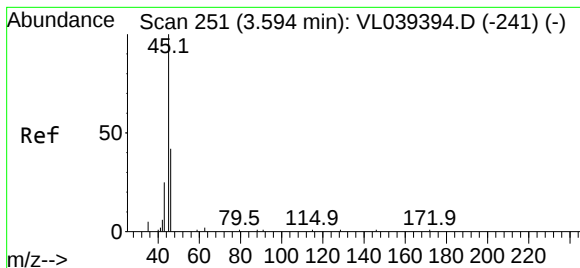


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.543 ppbv
 RT: 4.494 min Scan# 531
 Delta R.T. 0.022 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45



Tgt Ion:101 Resp: 70027
 Ion Ratio Lower Upper
 101 100
 151 79.8 58.9 88.3





#13

Ethanol

Concen: 0.745 ppbv m

RT: 3.632 min Scan# 2

Delta R.T. 0.039 min

Lab File: VL039435.D

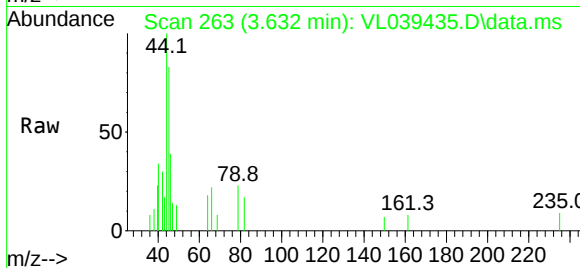
Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



Tgt Ion: 45 Resp: 266

Ion Ratio Lower Upper

45 100

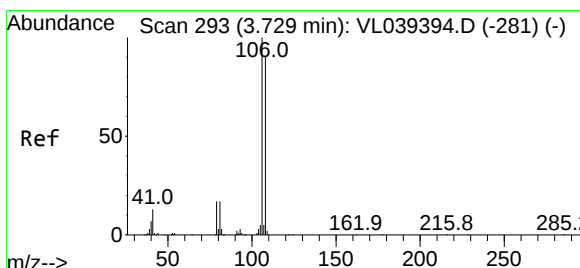
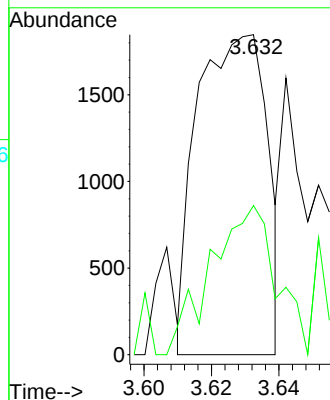
46 0.0 22.8 91.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#14

Bromoethene

Concen: 0.527 ppbv

RT: 3.751 min Scan# 300

Delta R.T. 0.022 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

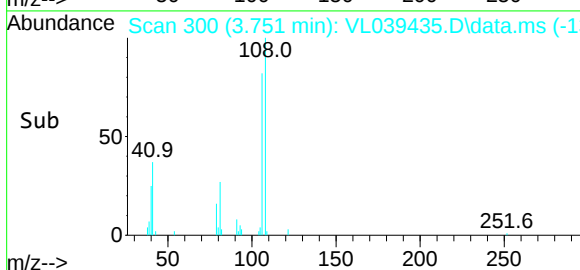
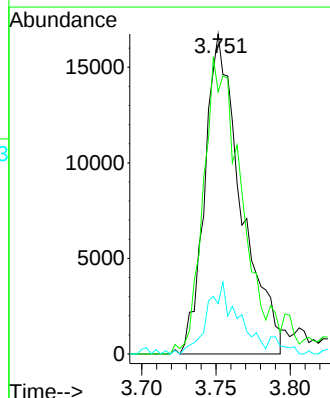
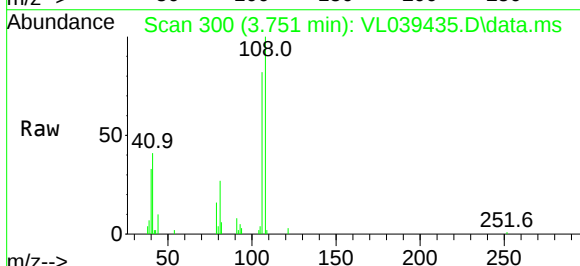
Tgt Ion:108 Resp: 28535

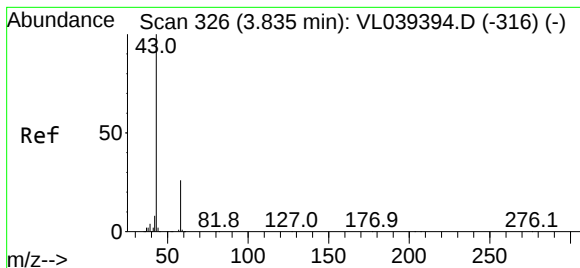
Ion Ratio Lower Upper

108 100

106 105.8 87.1 130.7

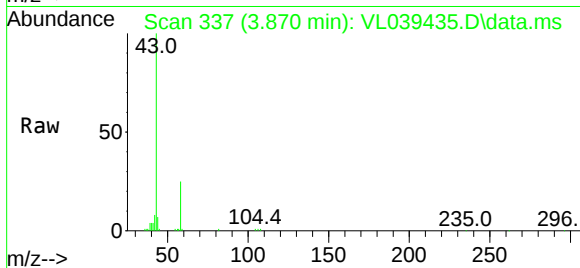
79 22.1 14.6 22.0





#15
Acetone
Concen: 0.745 ppbv m
RT: 3.870 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

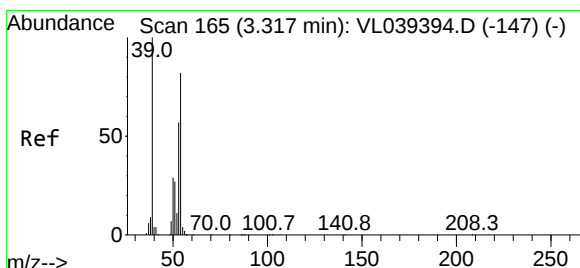
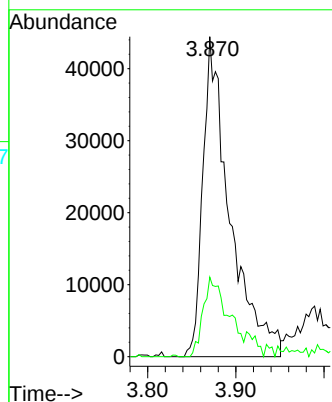
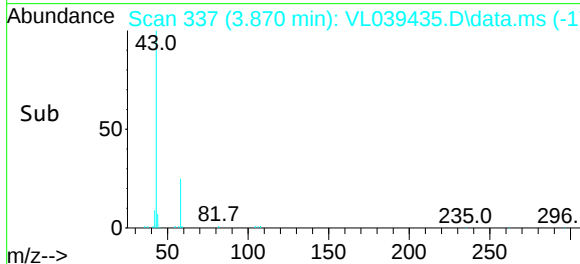
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 43 Resp: 94789
Ion Ratio Lower Upper
43 100
58 28.3 21.0 31.6

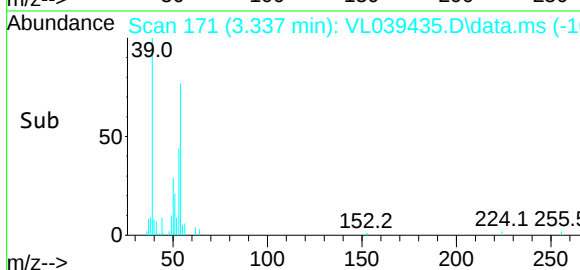
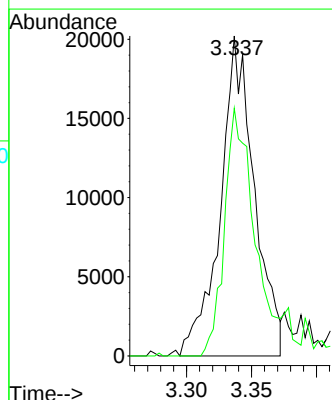
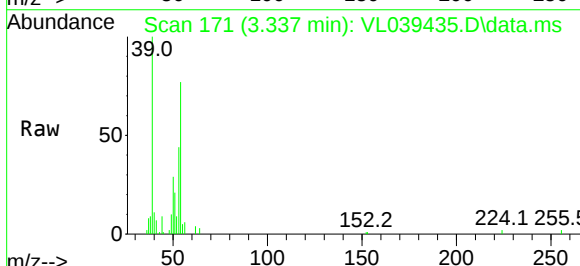
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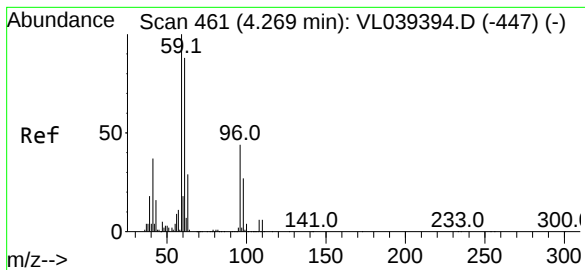
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#16
1,3-Butadiene
Concen: 0.557 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.019 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

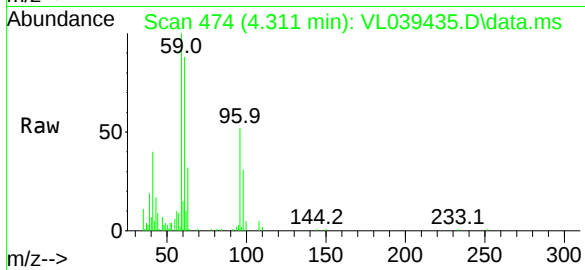
Tgt Ion: 39 Resp: 36748
Ion Ratio Lower Upper
39 100
54 76.7 63.7 95.5





#17
tert-Butyl alcohol
Concen: 0.523 ppbv m
RT: 4.311 min Scan# 411
Delta R.T. 0.042 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

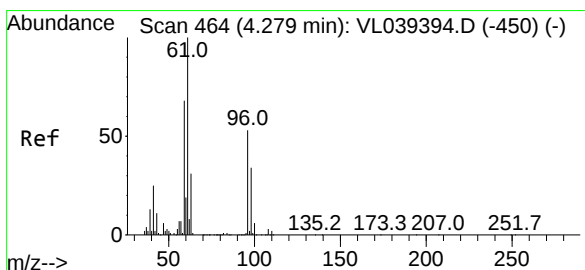
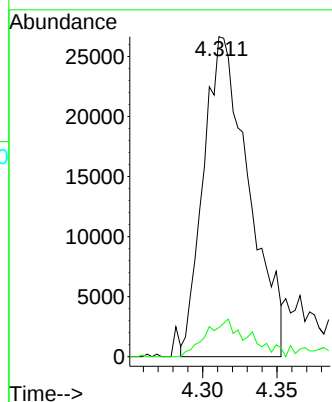
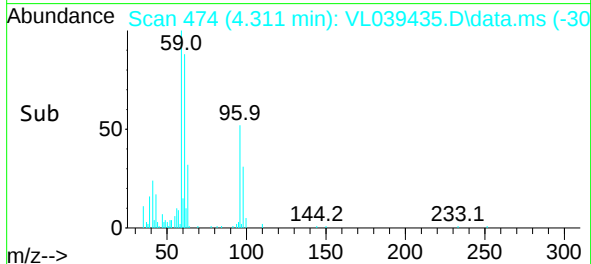
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



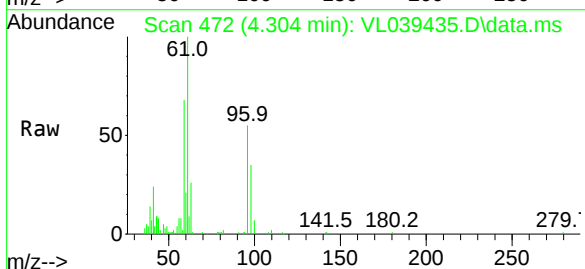
Tgt Ion: 59 Resp: 5653
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

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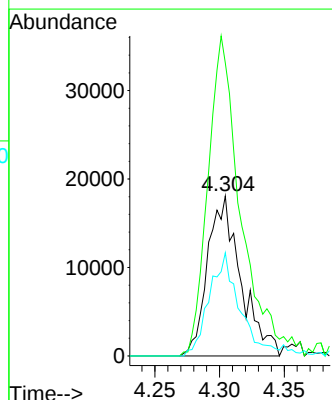
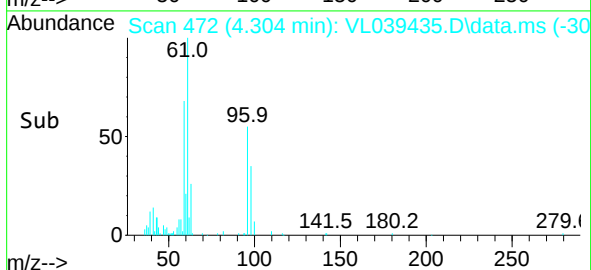
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

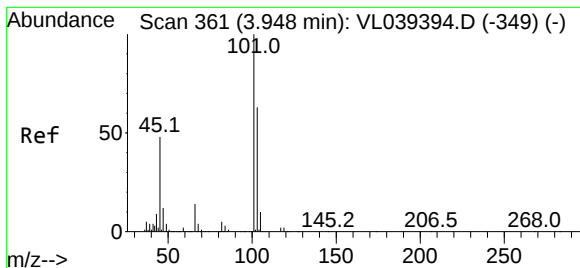


#18
1,1-Dichloroethene
Concen: 0.551 ppbv m
RT: 4.304 min Scan# 472
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



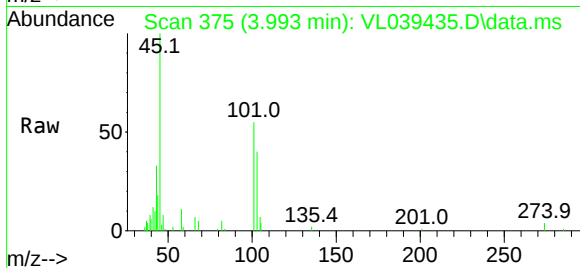
Tgt Ion: 96 Resp: 32185
Ion Ratio Lower Upper
96 100
61 183.1 152.2 228.4
98 64.6 51.8 77.6





#19
Isopropyl Alcohol
Concen: 0.465 ppbv m
RT: 3.993 min Scan# 3155
Delta R.T. 0.045 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

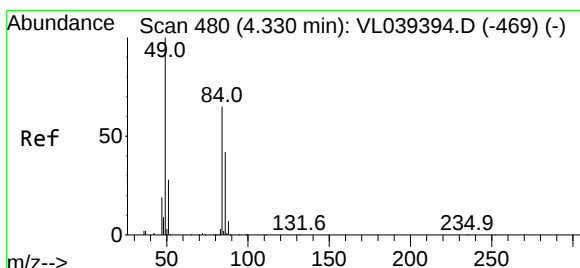
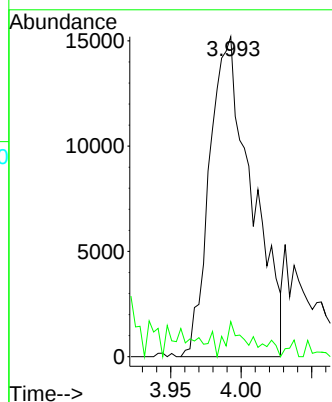
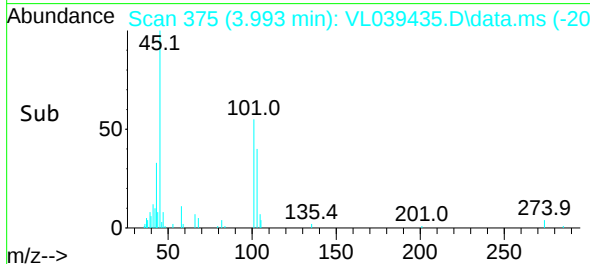
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



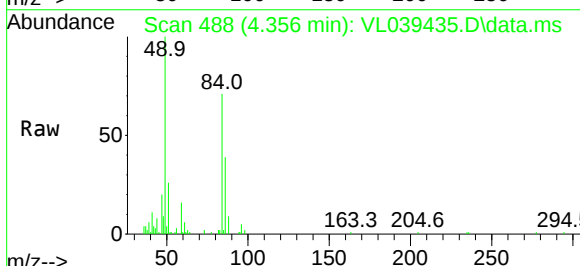
Tgt Ion: 45 Resp: 3155
Ion Ratio Lower Upper
45 100
58 7.8 3.2 4.8

Manual Integrations
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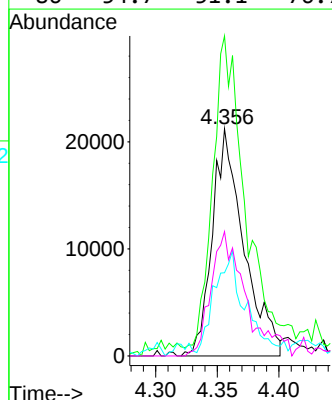
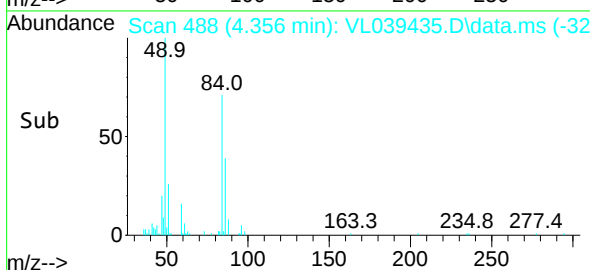
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

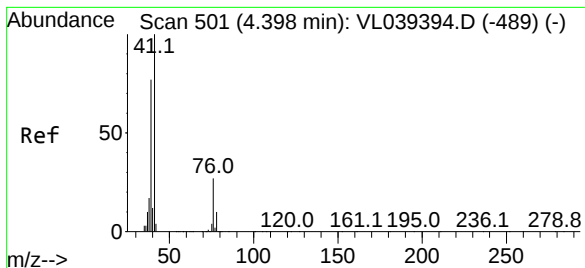


#20
Methylene Chloride
Concen: 0.747 ppbv m
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



Tgt Ion: 84 Resp: 37898
Ion Ratio Lower Upper
84 100
49 140.9 123.1 184.7
51 36.6 34.4 51.6
86 54.7 51.1 76.7





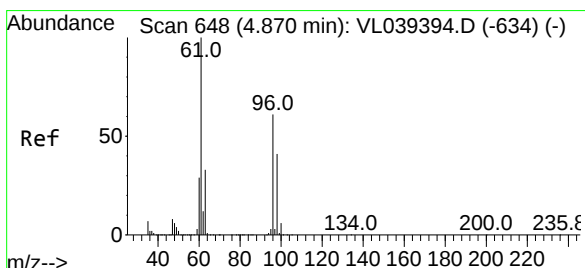
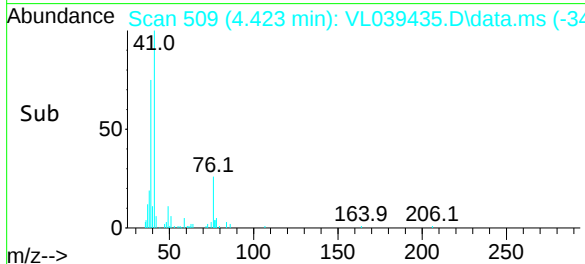
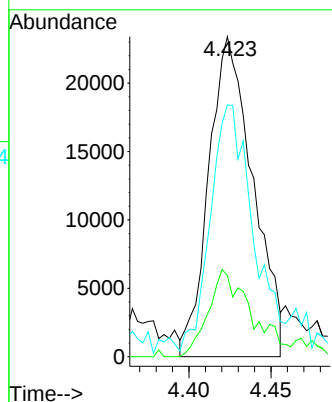
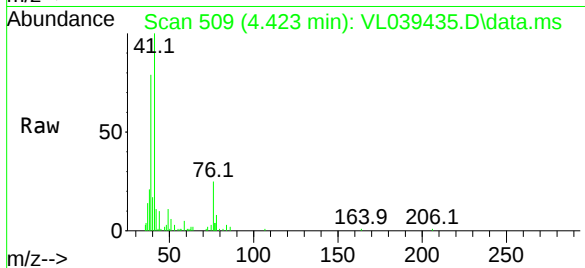
#21
 Allyl Chloride
 Concen: 0.497 ppbv
 RT: 4.423 min Scan# 501
 Delta R.T. 0.026 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Tgt Ion: 41 Resp: 4376
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.4 36.6
 39 86.8 63.5 95.3

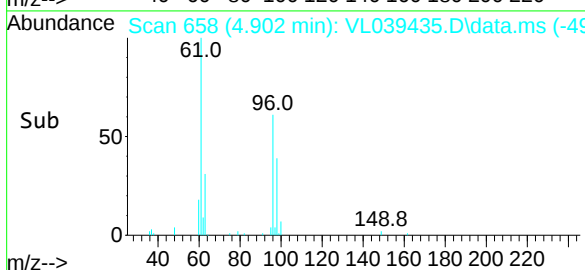
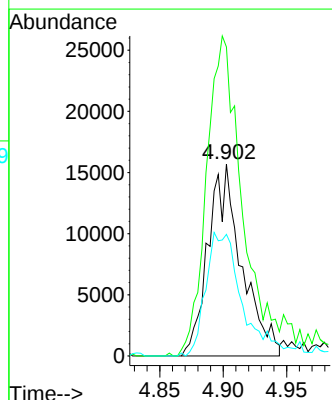
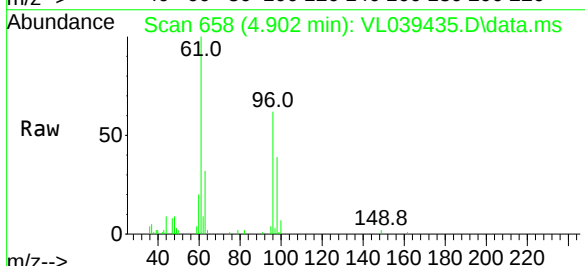
Manual Integrations
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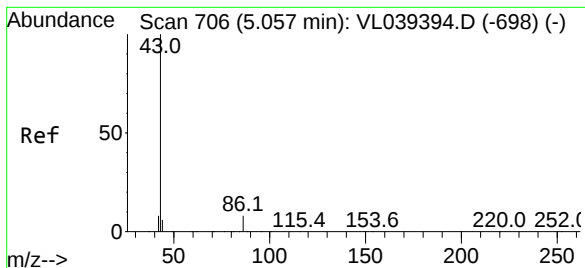
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.509 ppbv m
 RT: 4.902 min Scan# 658
 Delta R.T. 0.032 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

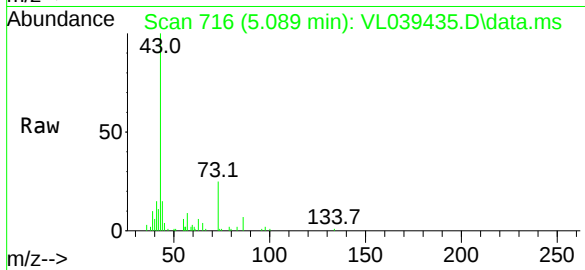
Tgt Ion: 96 Resp: 28797
 Ion Ratio Lower Upper
 96 100
 61 161.1 130.6 195.8
 98 63.4 53.4 80.0





#23
 Vinyl Acetate
 Concen: 0.443 ppbv m
 RT: 5.089 min Scan# 716
 Delta R.T. 0.032 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

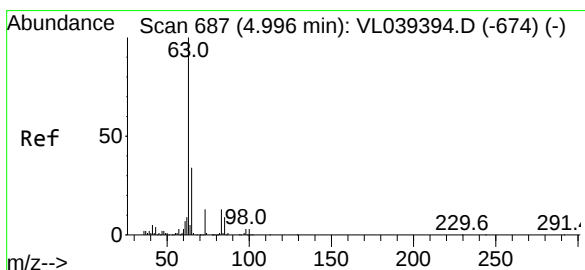
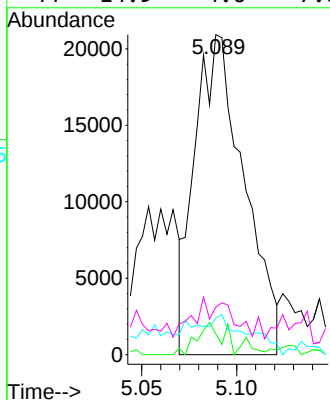
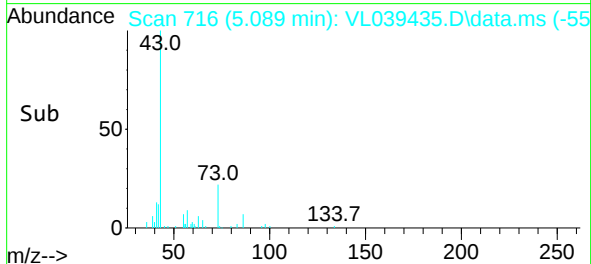
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



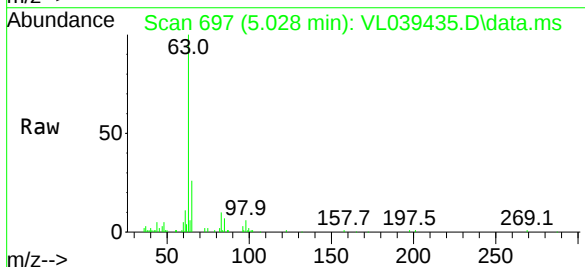
Tgt Ion: 43 Resp: 3767
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.0 7.6
 42 11.4 7.7 11.5
 44 14.9 4.6 7.0#

Manual Integrations
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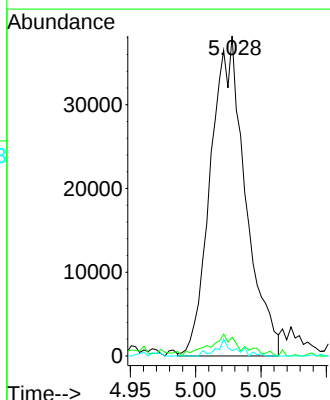
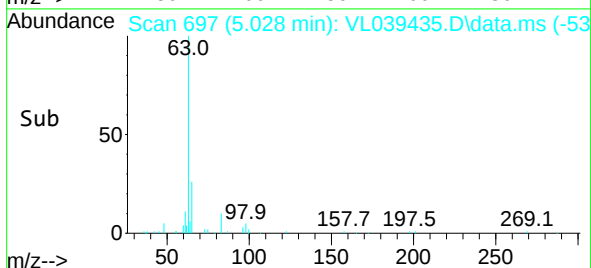
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

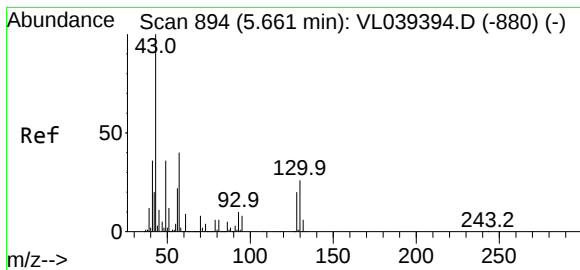


#24
 1,1-Dichloroethane
 Concen: 0.589 ppbv m
 RT: 5.028 min Scan# 697
 Delta R.T. 0.032 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45



Tgt Ion: 63 Resp: 70761
 Ion Ratio Lower Upper
 63 100
 98 5.9 1.8 5.3#
 100 1.7 1.5 4.4





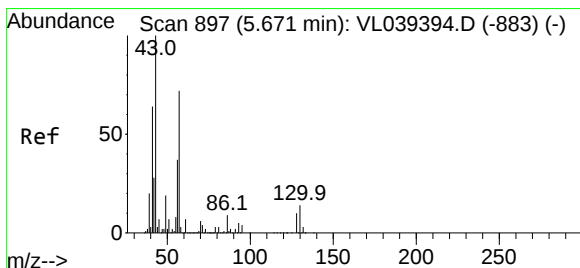
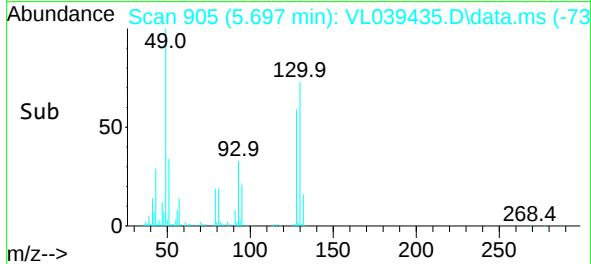
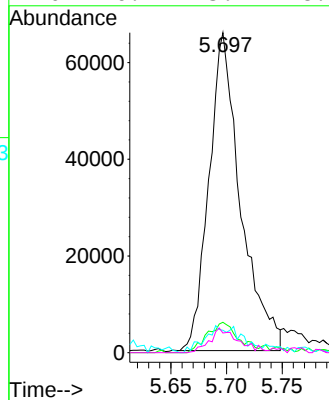
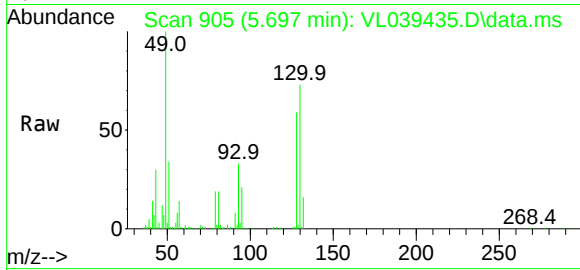
#25
Ethyl Acetate
Concen: 0.498 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 43	Resp: 12985
Ion Ratio	Lower Upper
43 100	
45 10.7	8.2 12.4
61 11.9	8.3 12.5
70 6.9	5.9 8.9

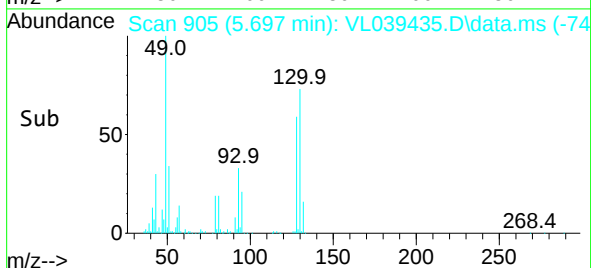
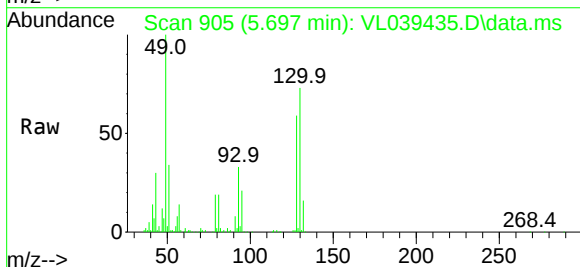
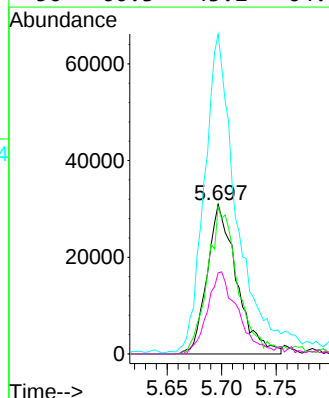
Manual Integrations
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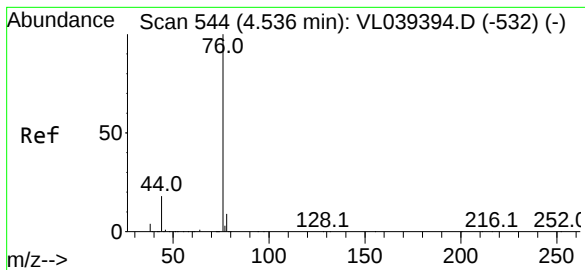
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
Hexane
Concen: 0.553 ppbv m
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

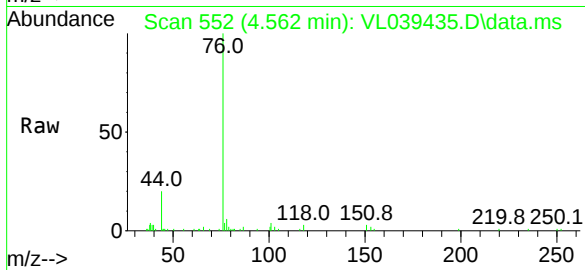
Tgt Ion: 57	Resp: 58186
Ion Ratio	Lower Upper
57 100	
41 105.3	76.9 115.3
43 237.7	191.0 286.6
56 60.3	43.2 64.8





#27
Carbon Disulfide
Concen: 0.466 ppbv m
RT: 4.562 min Scan# 516
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

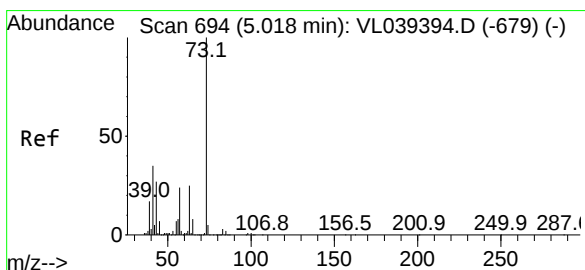
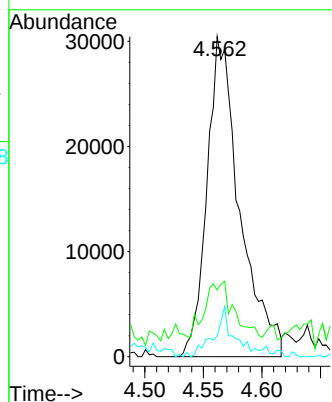
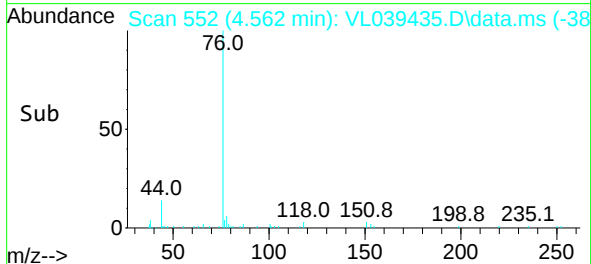
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



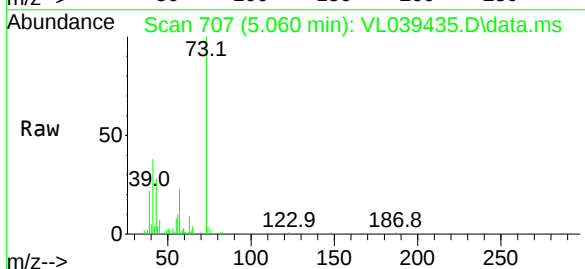
Tgt Ion: 76 Resp: 5916
Ion Ratio Lower Upper
76 100
44 20.4 14.6 21.8
78 10.9 7.8 11.6

Manual Integrations
APPROVED

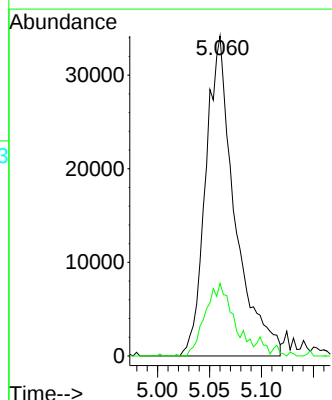
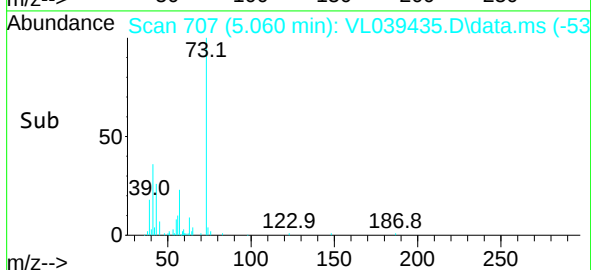
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

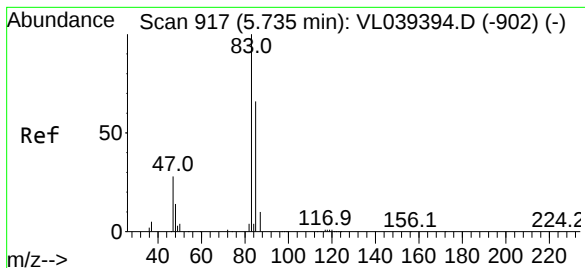


#28
Methyl tert-Butyl Ether
Concen: 0.590 ppbv
RT: 5.060 min Scan# 707
Delta R.T. 0.042 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



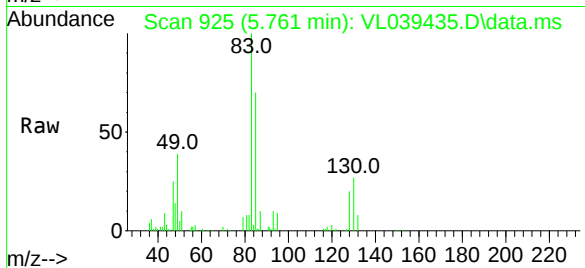
Tgt Ion: 73 Resp: 66341
Ion Ratio Lower Upper
73 100
57 24.6 19.8 29.8





#29
Chloroform
Concen: 0.559 ppbv m
RT: 5.761 min Scan# 917
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

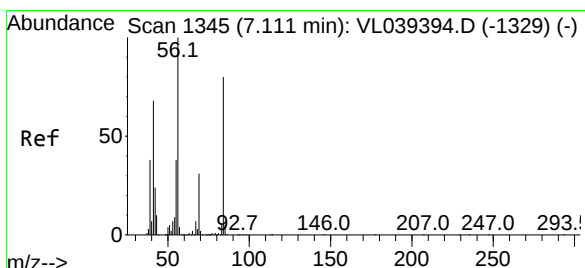
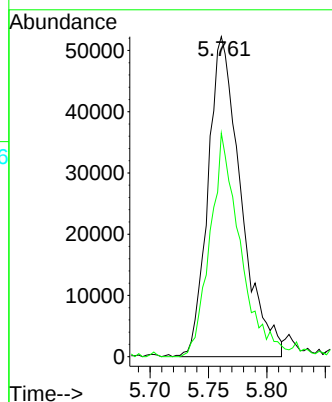
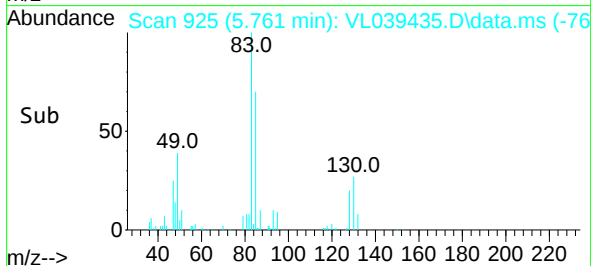
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2022



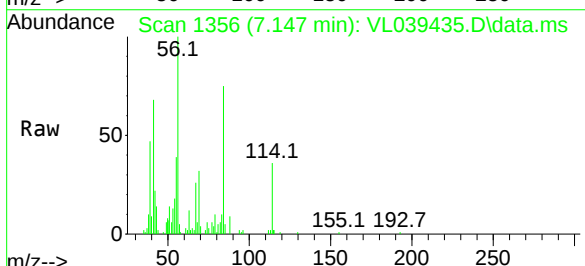
Tgt Ion: 83 Resp: 10219
Ion Ratio Lower Upper
83 100
85 69.9 52.8 79.2

Manual Integrations
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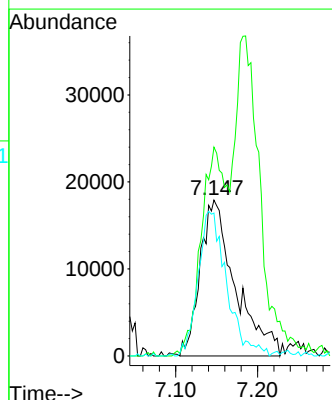
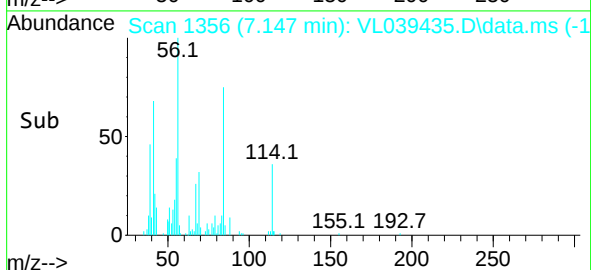
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

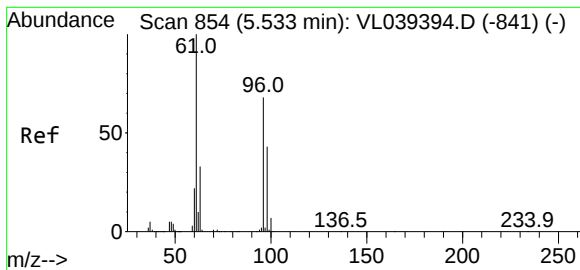


#30
Cyclohexane
Concen: 0.556 ppbv m
RT: 7.147 min Scan# 1356
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



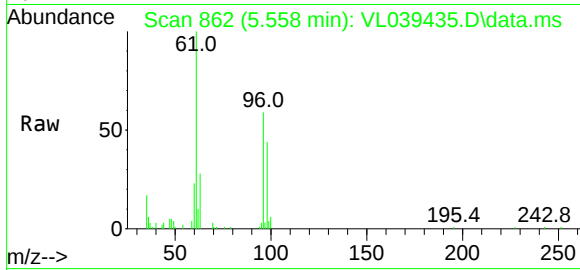
Tgt Ion: 84 Resp: 53279
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 77.7 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 0.474 ppbv m
RT: 5.558 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

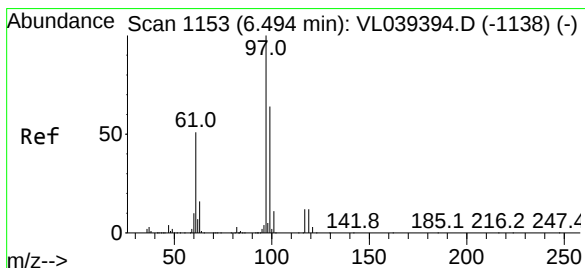
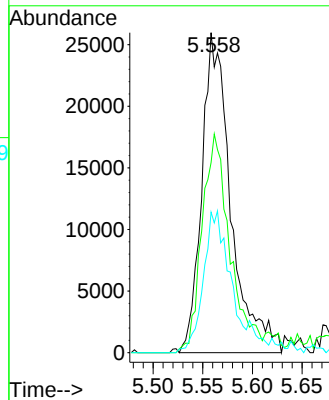
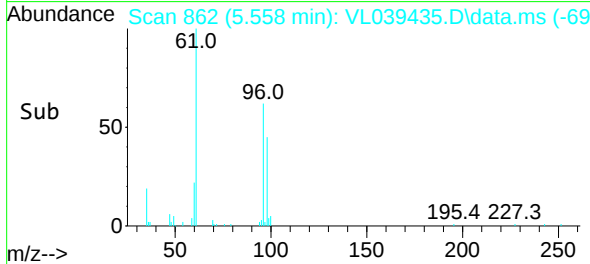
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



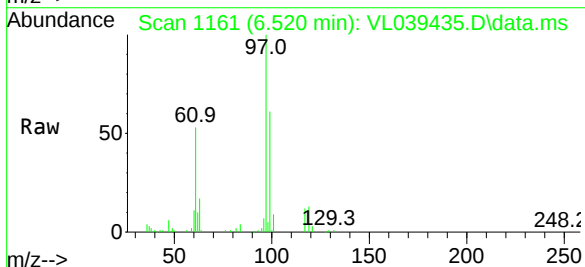
Tgt Ion: 61 Resp: 52932
Ion Ratio Lower Upper
61 100
96 59.4 54.1 81.1
98 43.9 34.6 52.0

Manual Integrations
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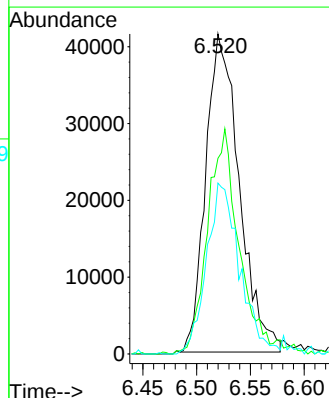
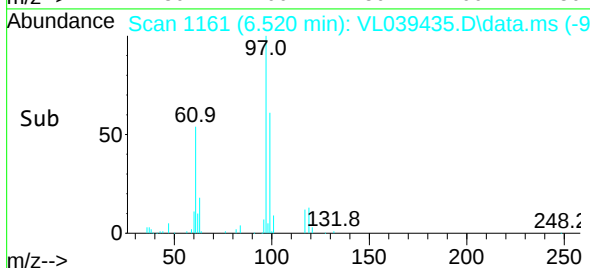
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

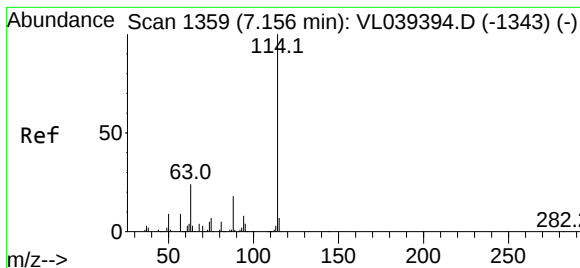


#32
1,1,1-Trichloroethane
Concen: 0.498 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



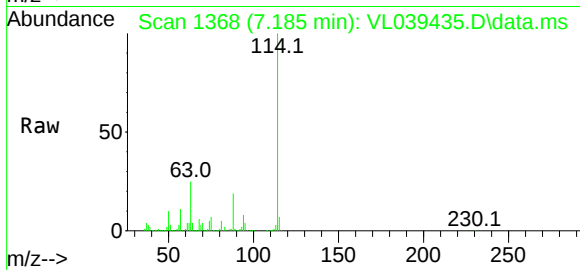
Tgt Ion: 97 Resp: 89886
Ion Ratio Lower Upper
97 100
99 67.6 52.3 78.5
61 54.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

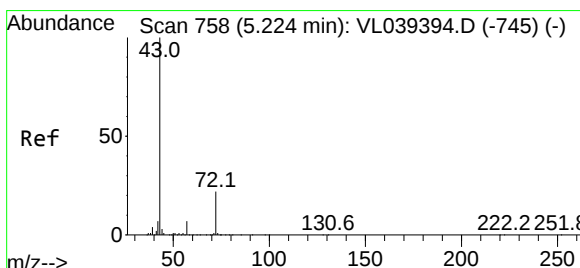
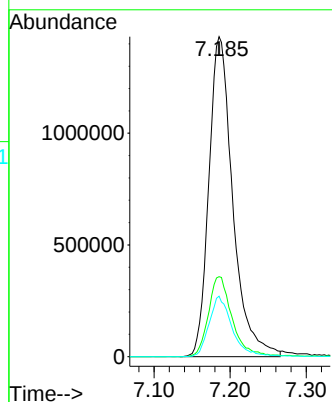
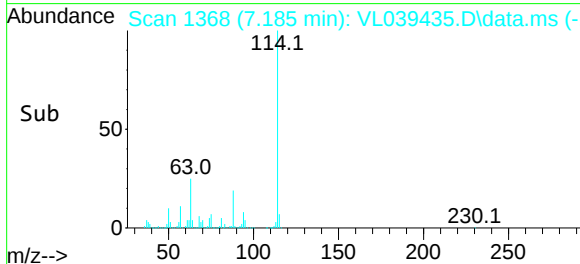
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



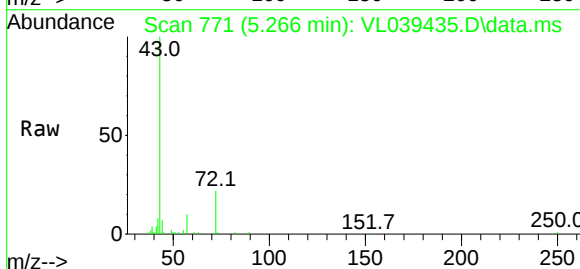
Tgt Ion:114 Resp: 3130378
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.4
88 18.4 14.5 21.7

Manual Integrations
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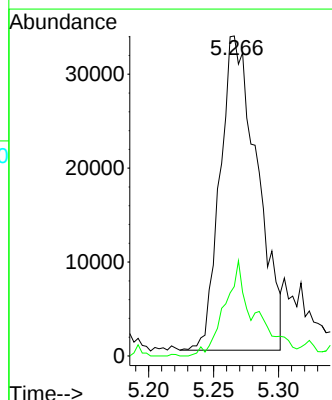
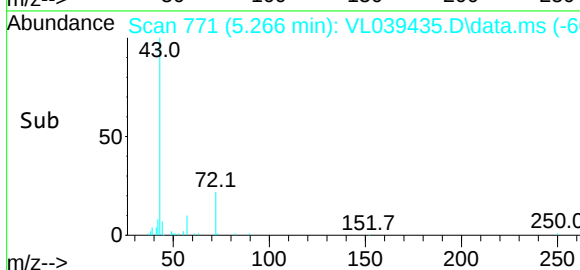
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

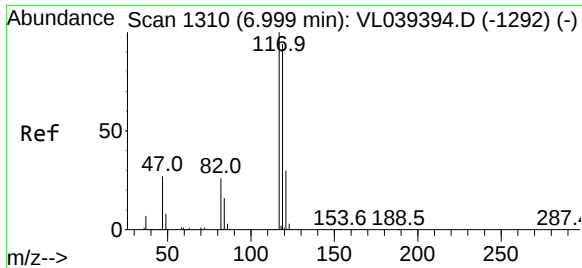


#34
2-Butanone
Concen: 0.423 ppbv
RT: 5.266 min Scan# 771
Delta R.T. 0.042 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



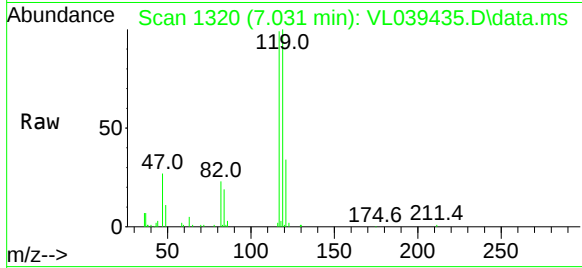
Tgt Ion: 43 Resp: 66704
Ion Ratio Lower Upper
43 100
72 26.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.459 ppbv
RT: 7.031 min Scan# 117
Delta R.T. 0.032 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

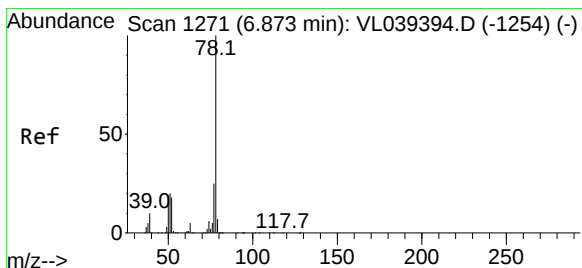
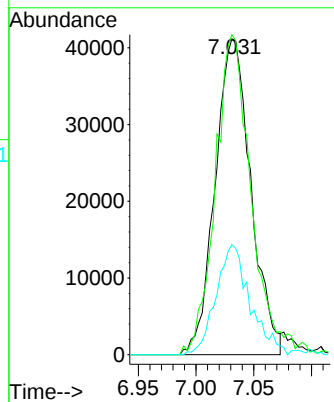
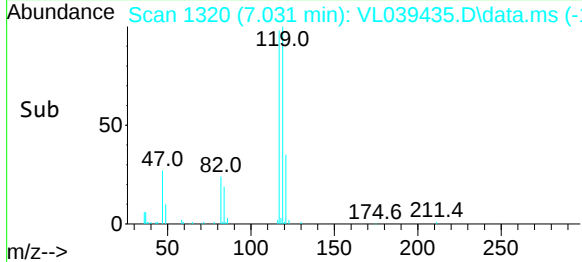
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



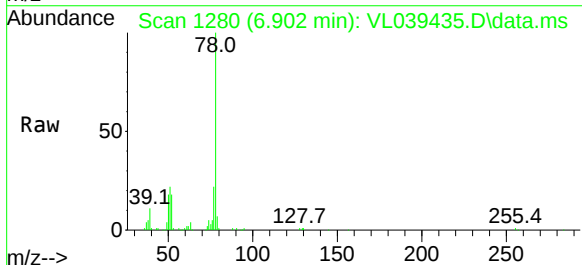
Tgt Ion: 117 Resp: 88704
Ion Ratio Lower Upper
117 100
119 101.3 75.4 113.2
121 34.9 24.2 36.2

Manual Integrations
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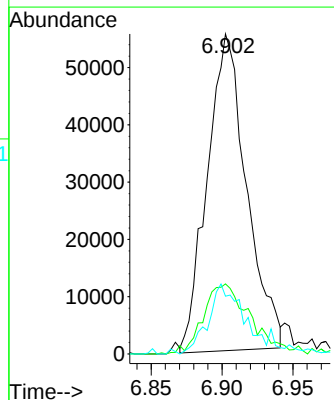
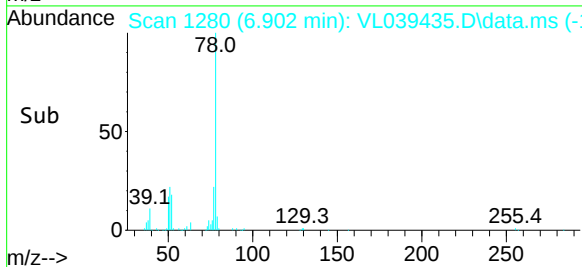
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

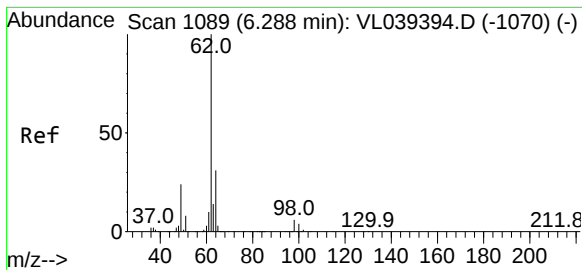


#36
Benzene
Concen: 0.442 ppbv
RT: 6.902 min Scan# 1280
Delta R.T. 0.029 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



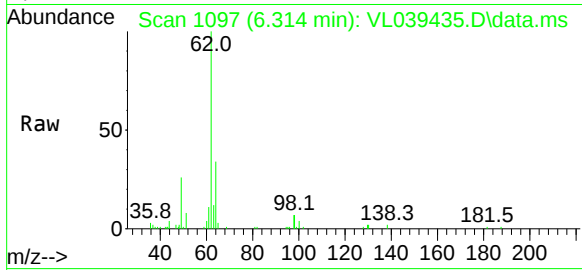
Tgt Ion: 78 Resp: 107002
Ion Ratio Lower Upper
78 100
77 19.7 20.3 30.5#
50 18.4 15.5 23.3





#37
1,2-Dichloroethane
Concen: 0.467 ppbv
RT: 6.314 min Scan# 1089
Delta R.T. 0.026 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

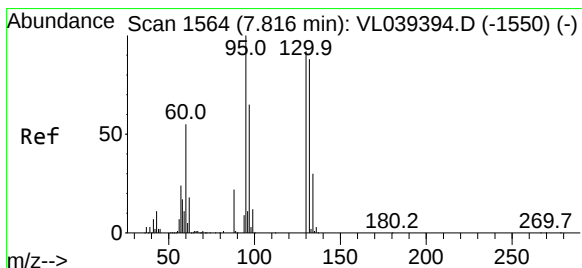
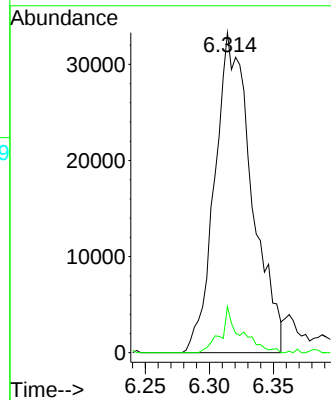
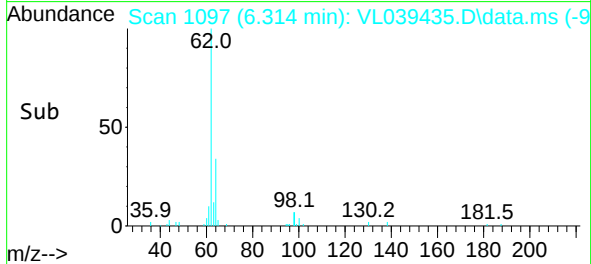
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2022



Tgt Ion: 62 Resp: 66780
Ion Ratio Lower Upper
62 100
98 8.0 5.1 7.7

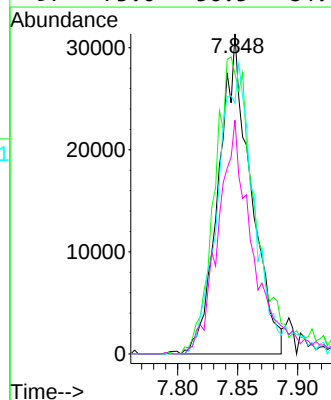
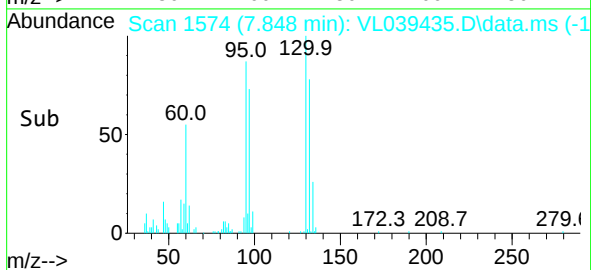
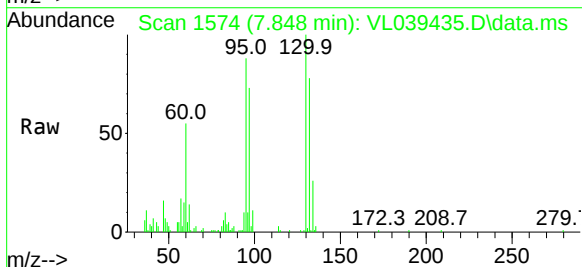
Manual Integrations
APPROVED

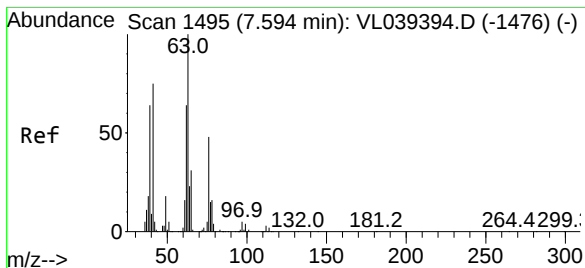
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#38
Trichloroethene
Concen: 0.446 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

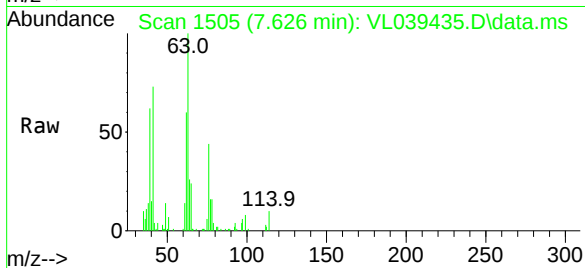
Tgt Ion:130 Resp: 58439
Ion Ratio Lower Upper
130 100
95 87.6 87.3 130.9
132 78.4 76.7 115.1
97 73.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 0.495 ppbv m
RT: 7.626 min Scan# 1505
Delta R.T. 0.032 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

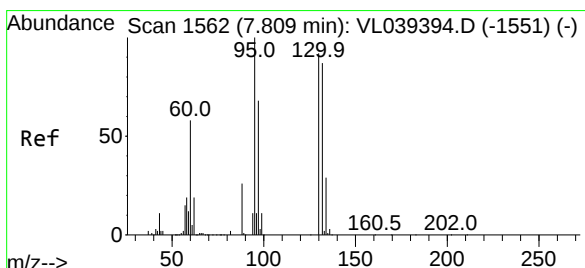
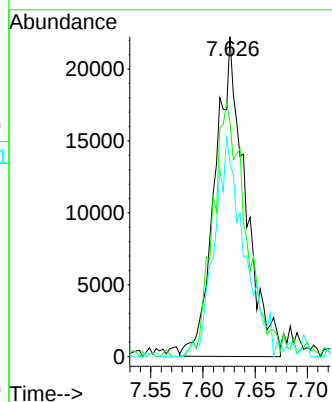
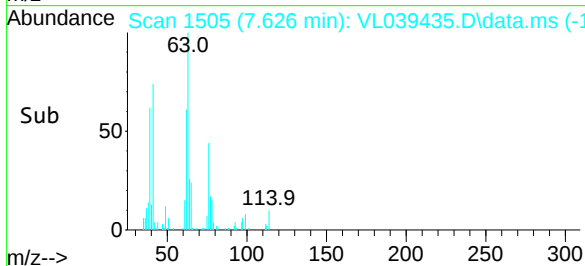
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 63 Resp: 44800
Ion Ratio Lower Upper
63 100
41 73.3 59.6 89.4
62 60.3 51.4 77.0

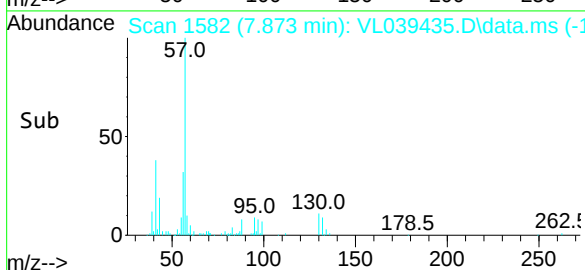
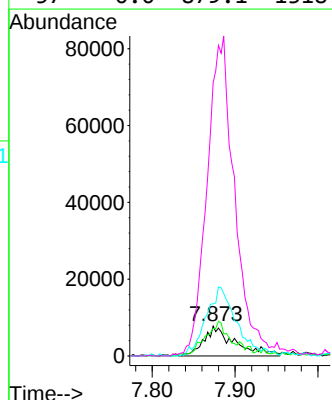
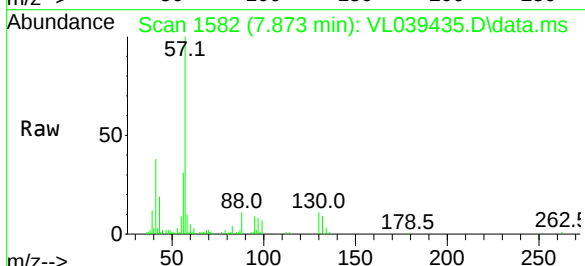
Manual Integrations
APPROVED

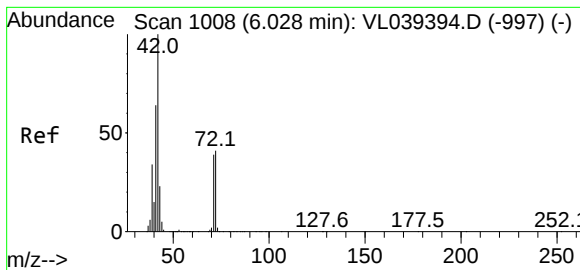
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#40
1,4-Dioxane
Concen: 0.563 ppbv m
RT: 7.873 min Scan# 1582
Delta R.T. 0.064 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

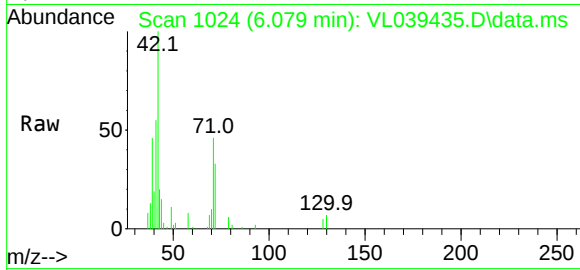
Tgt Ion: 88 Resp: 20318
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 0.438 ppbv m
RT: 6.079 min Scan# 1008
Delta R.T. 0.051 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

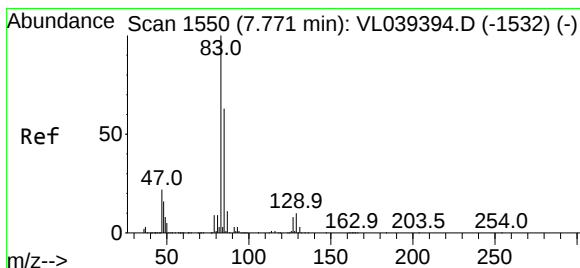
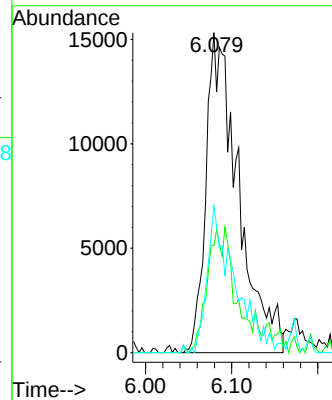
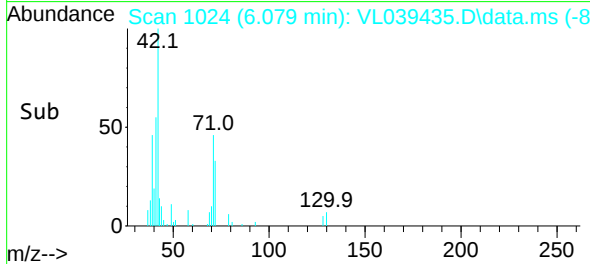
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 42 Resp: 39960
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8
71 39.4 31.8 47.8

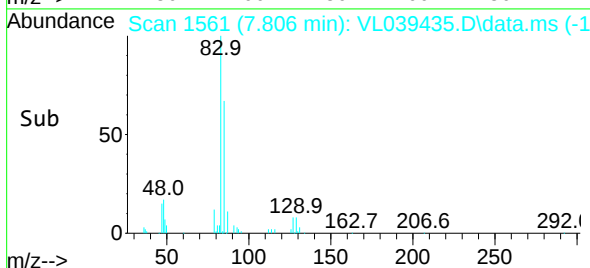
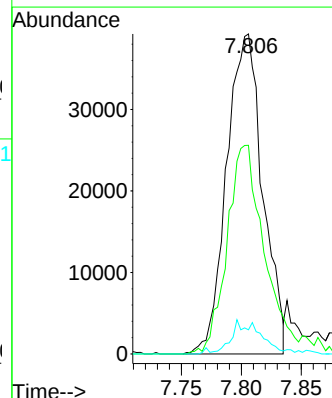
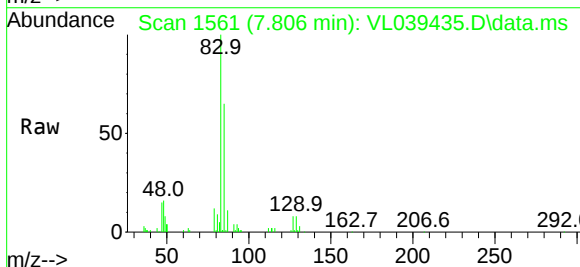
Manual Integrations
APPROVED

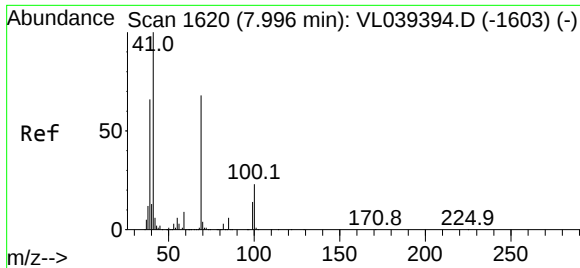
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#42
Bromodichloromethane
Concen: 0.426 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

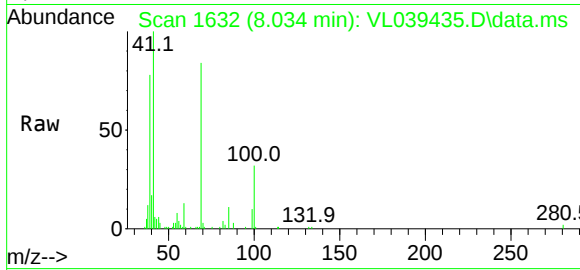
Tgt Ion: 83 Resp: 82089
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1
127 7.6 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.420 ppbv
RT: 8.034 min Scan# 1620
Delta R.T. 0.039 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

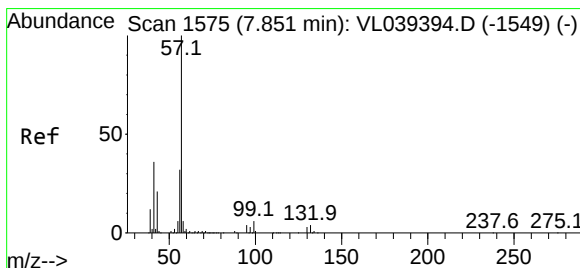
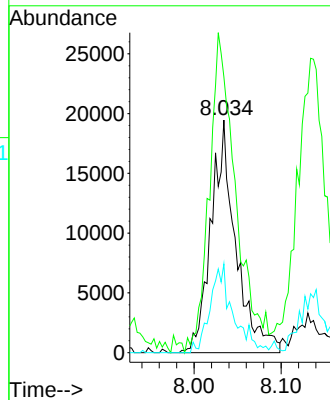
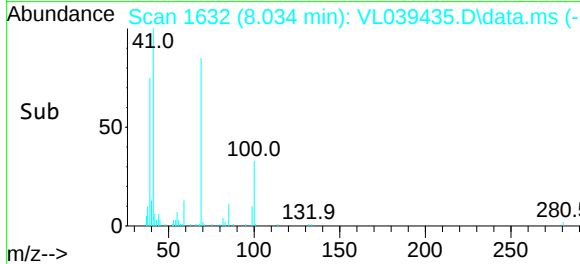
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



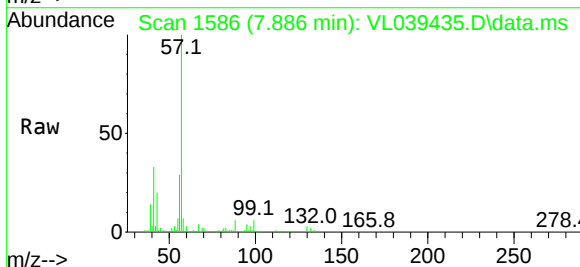
Tgt Ion: 69 Resp: 38680
Ion Ratio Lower Upper
69 100
41 146.7 120.8 181.2
100 0.0 27.8 41.6

Manual Integrations
APPROVED

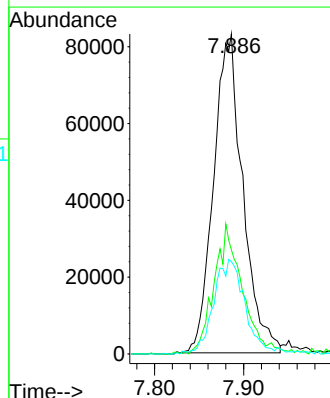
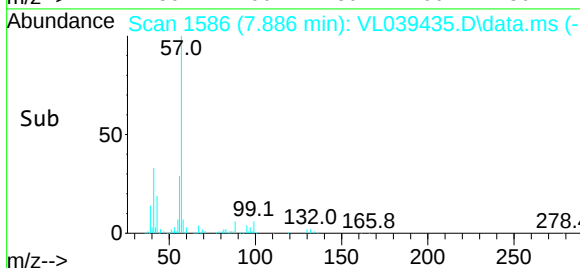
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

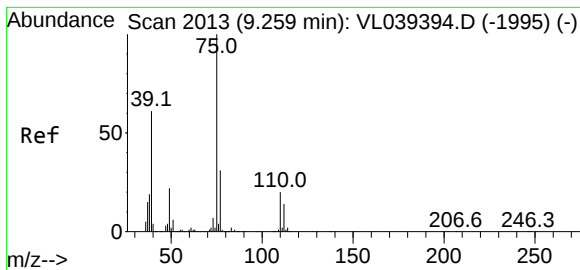


#44
2,2,4-Trimethylpentane
Concen: 0.461 ppbv
RT: 7.886 min Scan# 1586
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



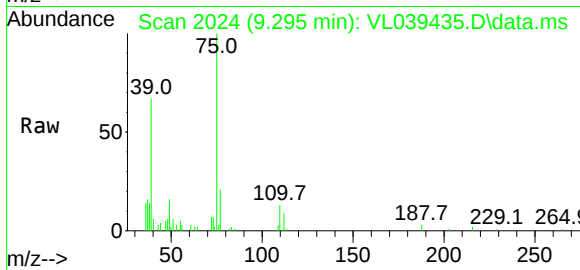
Tgt Ion: 57 Resp: 189176
Ion Ratio Lower Upper
57 100
41 40.4 27.4 41.2
56 32.4 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 0.315 ppbv m
RT: 9.295 min Scan# 2013
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

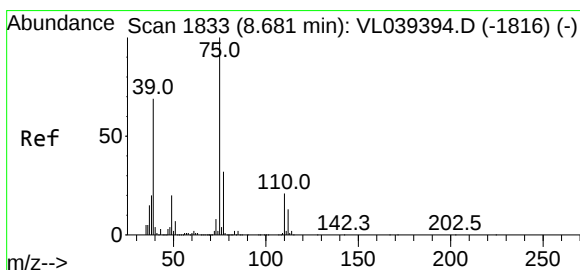
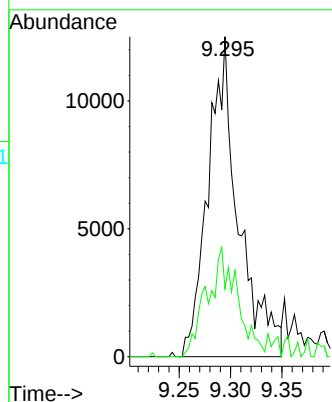
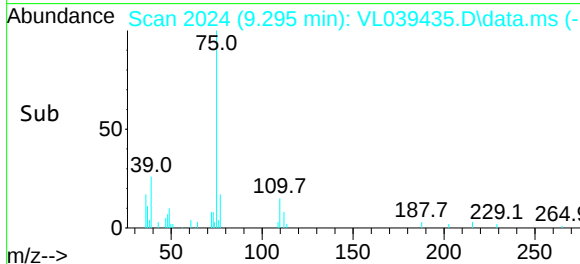
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 75 Resp: 25840
Ion Ratio Lower Upper
75 100
77 21.2 24.6 36.8

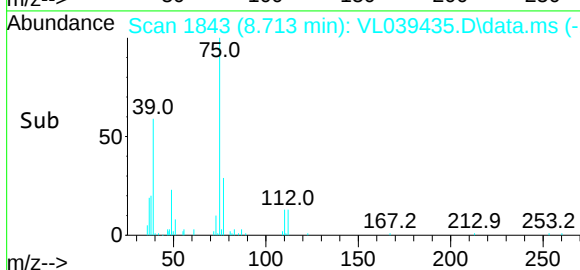
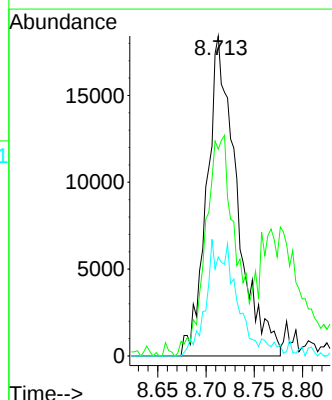
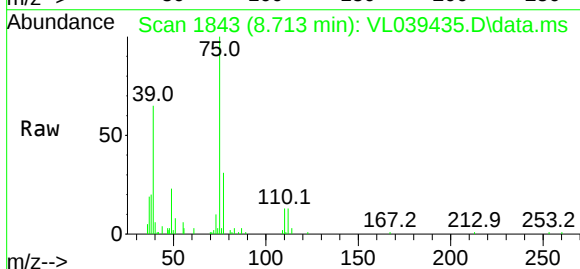
Manual Integrations
APPROVED

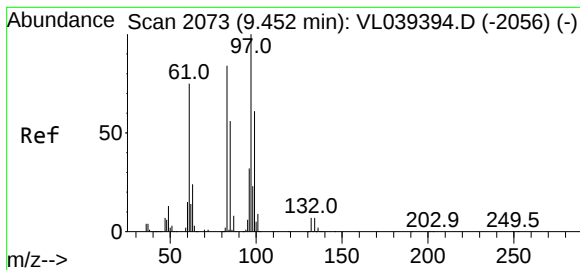
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#46
cis-1,3-Dichloropropene
Concen: 0.353 ppbv m
RT: 8.713 min Scan# 1843
Delta R.T. 0.032 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

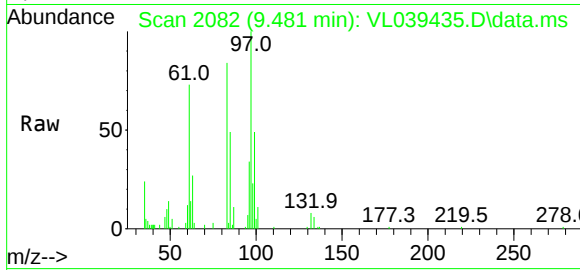
Tgt Ion: 75 Resp: 39817
Ion Ratio Lower Upper
75 100
39 64.6 55.0 82.4
77 30.9 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 0.508 ppbv m
RT: 9.481 min Scan# 2073
Delta R.T. 0.029 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

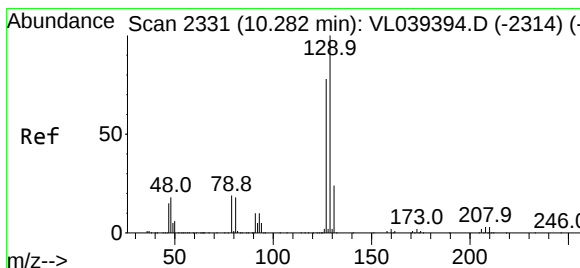
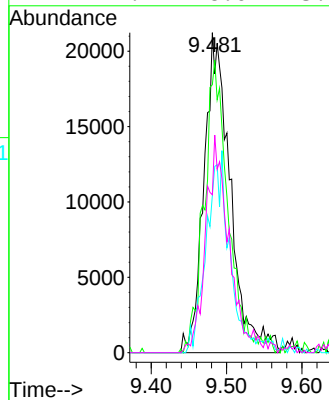
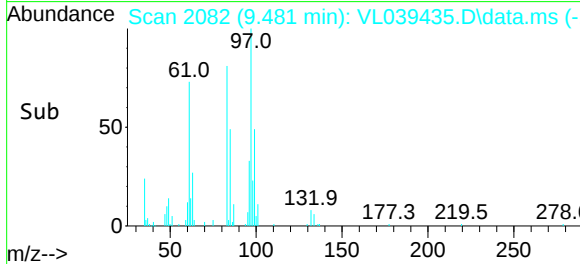
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



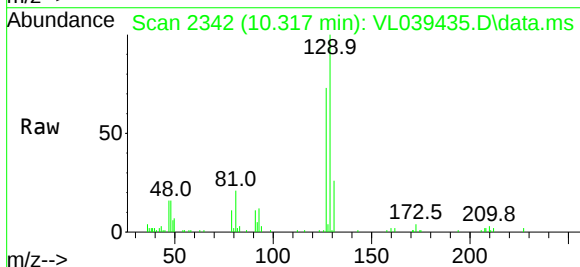
Tgt Ion: 97 Resp: 51589
Ion Ratio Lower Upper
97 100
83 83.8 67.4 101.0
85 49.2 45.1 67.7
99 49.4 48.6 73.0

Manual Integrations
APPROVED

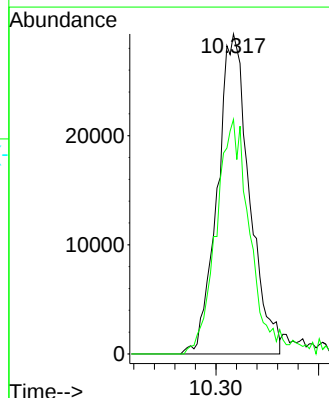
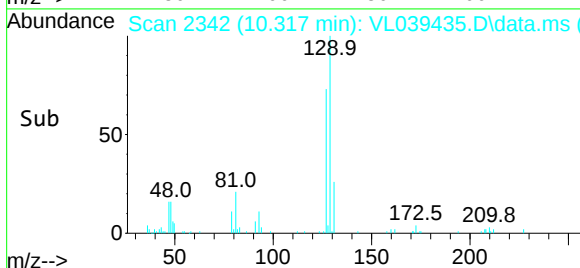
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

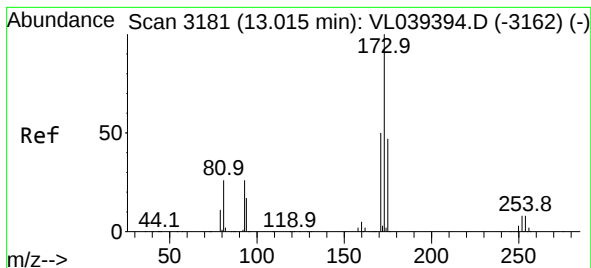


#48
Dibromochloromethane
Concen: 0.394 ppbv m
RT: 10.317 min Scan# 2342
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



Tgt Ion:129 Resp: 63578
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.9





#49

Bromoform

Concen: 0.372 ppbv m

RT: 13.057 min Scan# 3181

Delta R.T. 0.042 min

Lab File: VL039435.D

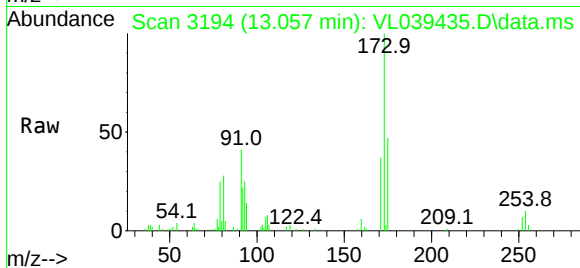
Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



Tgt Ion:173 Resp: 4839

Ion Ratio Lower Upper

173 100

175 48.2 40.3 60.5

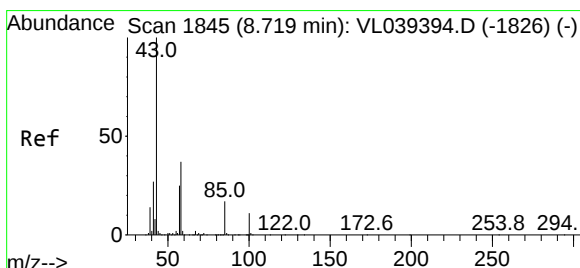
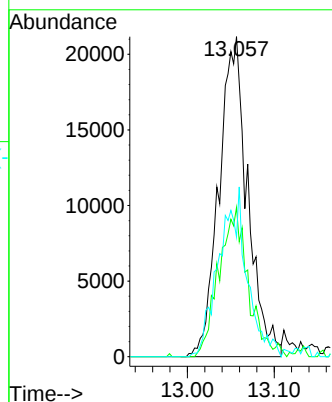
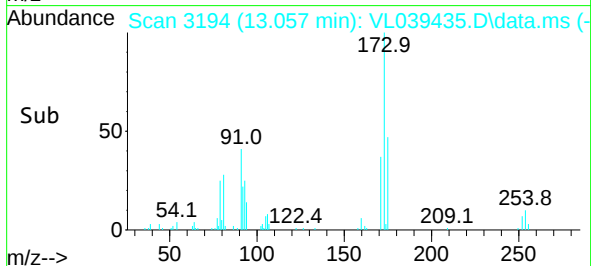
171 51.9 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#50

4-Methyl-2-Pentanone

Concen: 0.427 ppbv m

RT: 8.771 min Scan# 1861

Delta R.T. 0.051 min

Lab File: VL039435.D

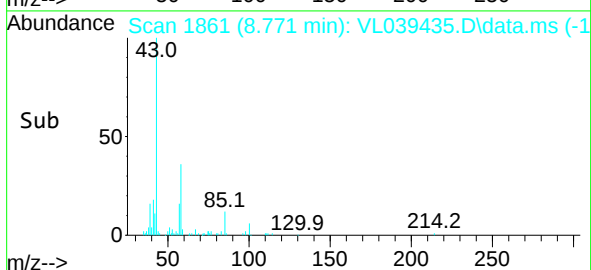
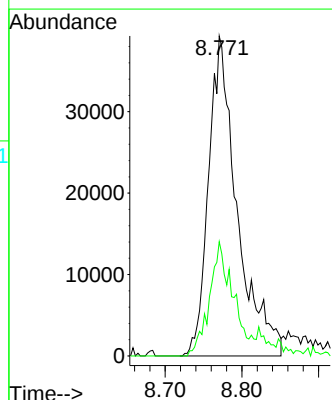
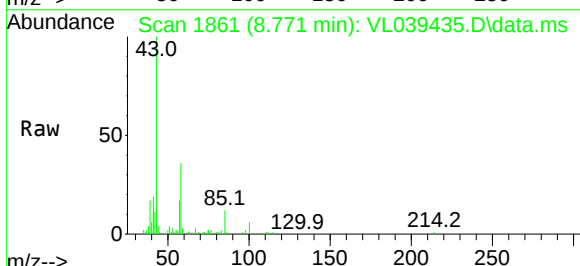
Acq: 6 Jul 2022 1:45

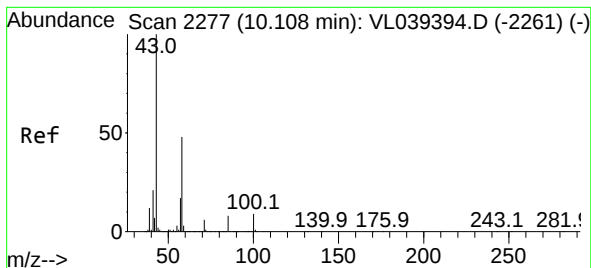
Tgt Ion: 43 Resp: 101709

Ion Ratio Lower Upper

43 100

58 35.1 28.8 43.2





#51

2-Hexanone

Concen: 0.353 ppbv m

RT: 10.163 min Scan# 2277

Delta R.T. 0.055 min

Lab File: VL039435.D

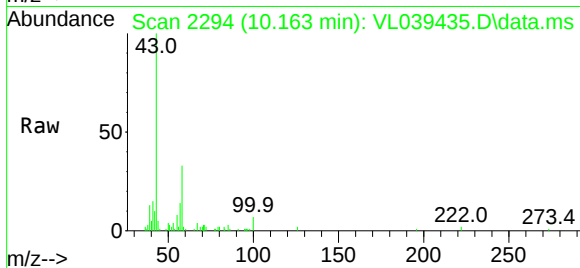
Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



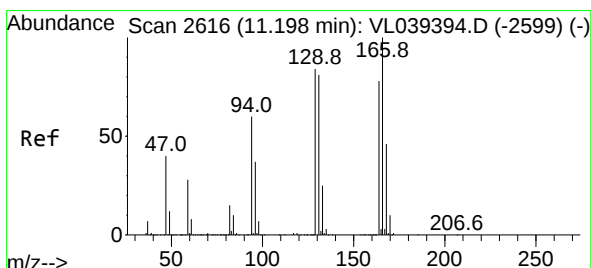
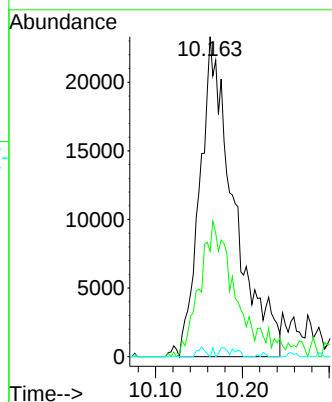
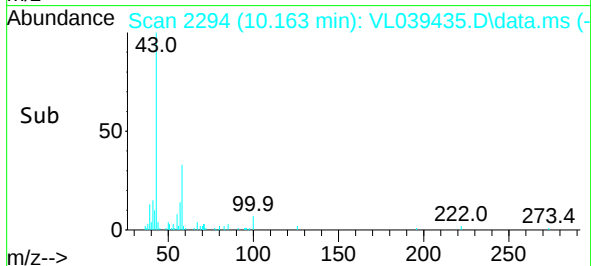
Tgt Ion: 43 Resp: 6353

Ion	Ratio	Lower	Upper
43	100		
58	46.8	38.4	57.6
98	0.9	0.3	0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#52

Tetrachloroethene

Concen: 0.470 ppbv m

RT: 11.230 min Scan# 2626

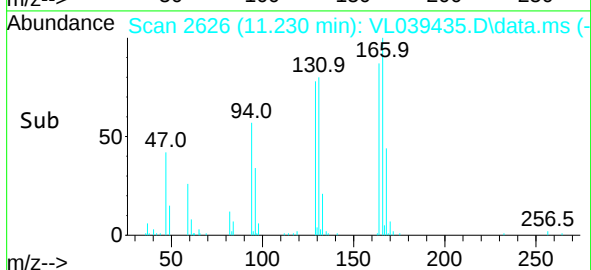
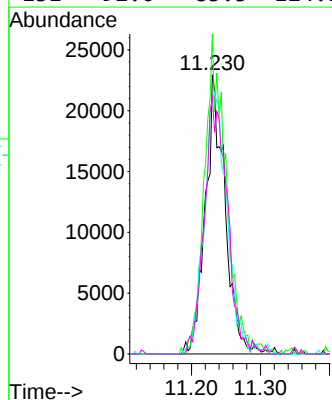
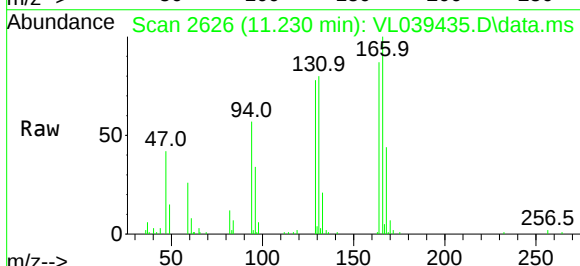
Delta R.T. 0.032 min

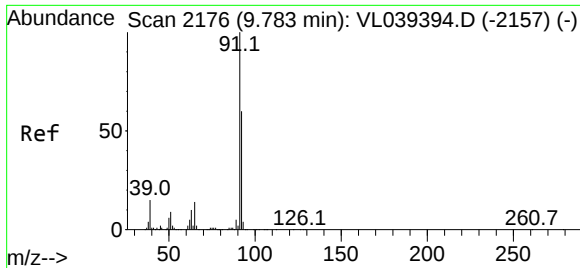
Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Tgt Ion:164 Resp: 45815

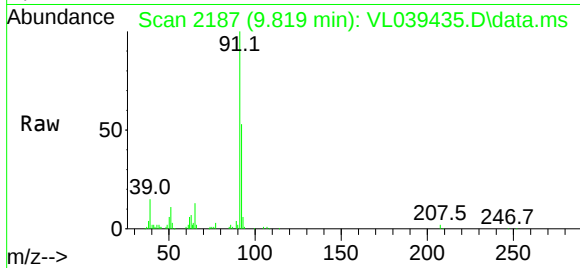
Ion	Ratio	Lower	Upper
164	100		
166	114.6	102.2	153.2
129	89.9	85.8	128.8
131	92.0	83.3	124.9





#53
Toluene
Concen: 0.414 ppbv m
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

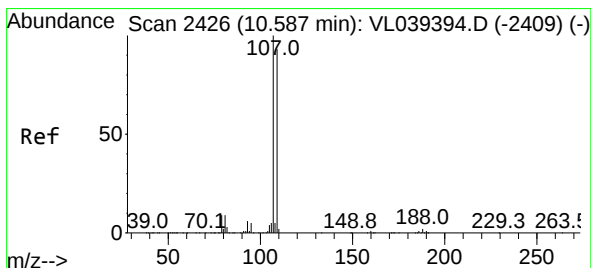
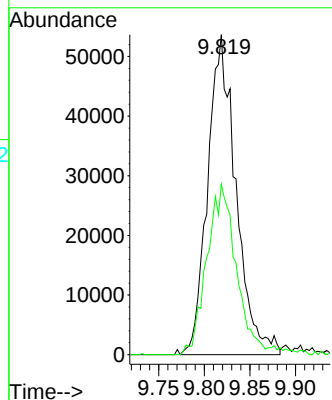
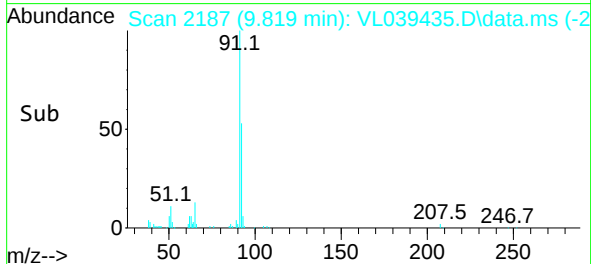
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



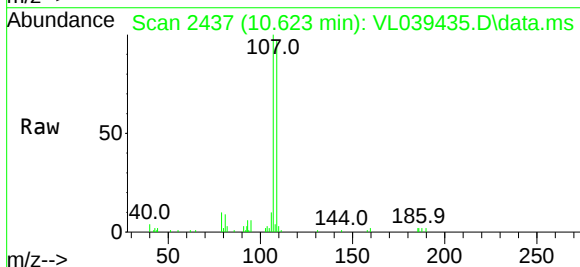
Tgt Ion: 91 Resp: 11561
Ion Ratio Lower Upper
91 100
92 56.7 48.2 72.2

Manual Integrations
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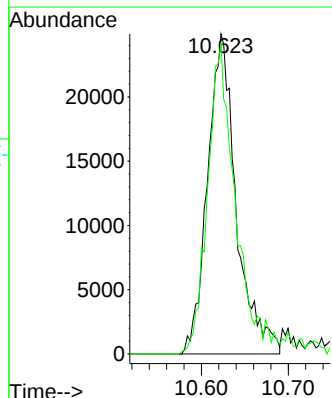
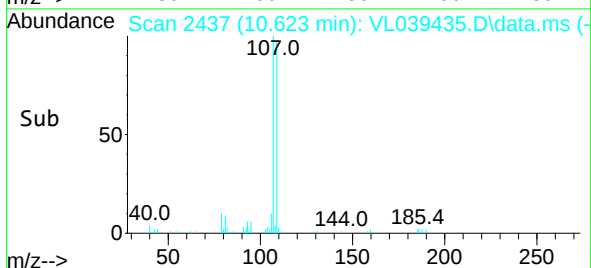
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

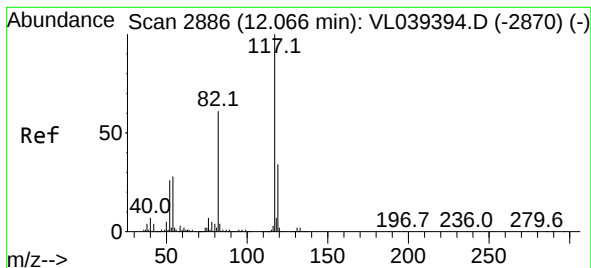


#54
1,2-Dibromoethane
Concen: 0.453 ppbv m
RT: 10.623 min Scan# 2437
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



Tgt Ion:107 Resp: 57209
Ion Ratio Lower Upper
107 100
109 97.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.095 min Scan# 2886

Delta R.T. 0.029 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

Tgt Ion:117 Resp: 277826

Ion Ratio Lower Upper

117 100

82 64.7 50.8 76.2

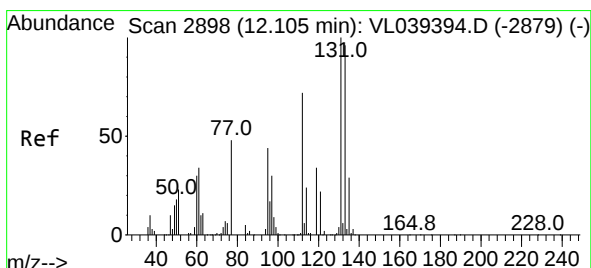
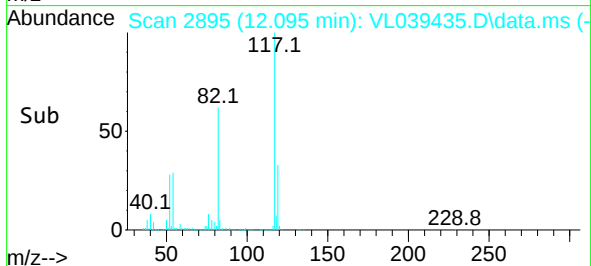
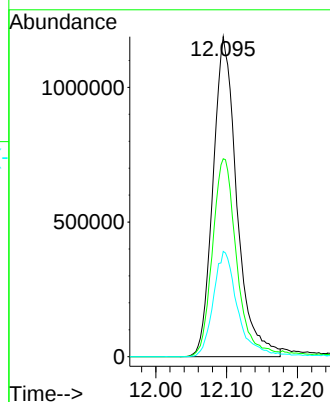
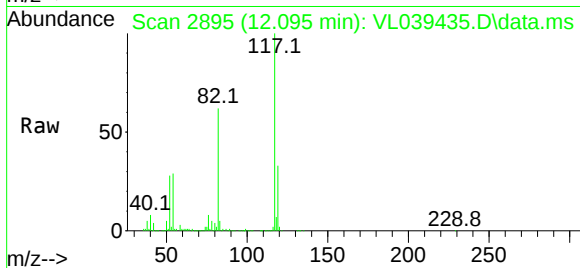
119 34.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.506 ppbv m

RT: 12.134 min Scan# 2907

Delta R.T. 0.029 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

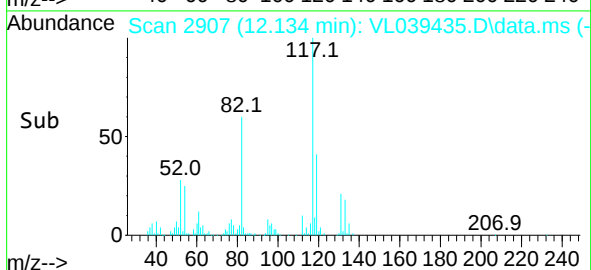
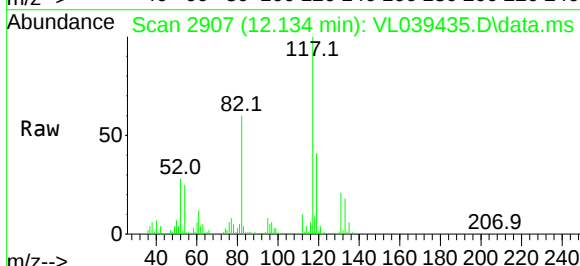
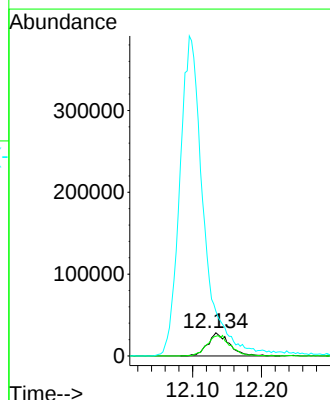
Tgt Ion:131 Resp: 62075

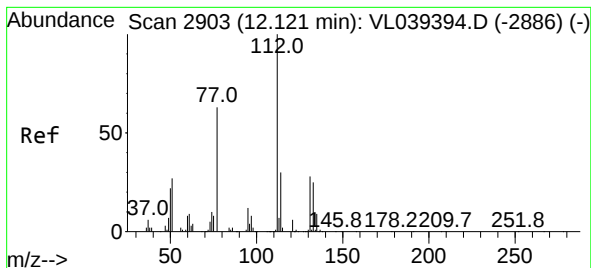
Ion Ratio Lower Upper

131 100

133 0.0 76.8 115.2#

119 0.0 46.2 69.4#





#57

Chlorobenzene

Concen: 0.529 ppbv

RT: 12.156 min Scan# 2903

Delta R.T. 0.035 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

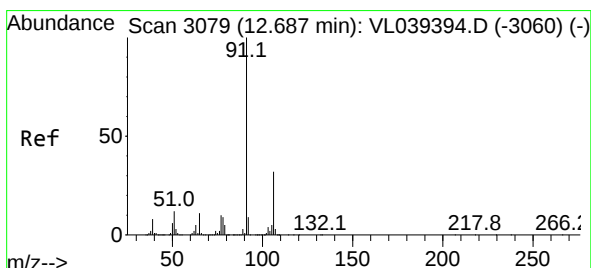
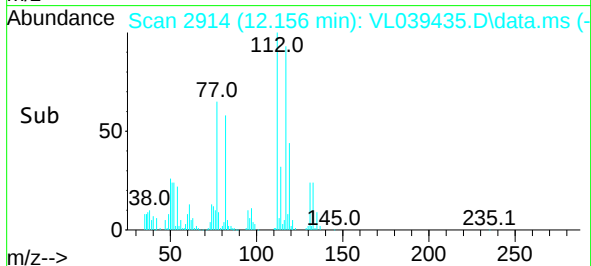
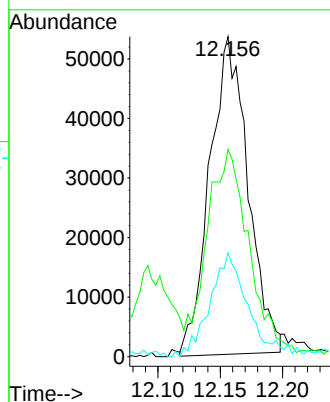
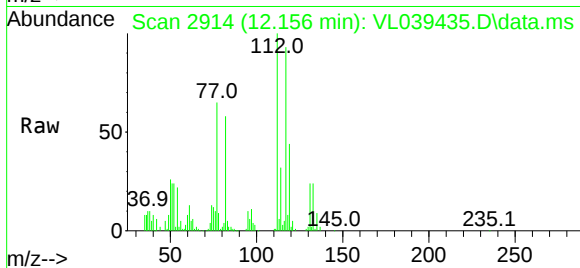
MDL-AIR-03-QT2-2022

Tgt Ion:	112	Resp:	11399
Ion Ratio	Lower	Upper	
112	100		
77	60.5	51.0	76.4
114	32.9	27.5	33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#58

Ethyl Benzene

Concen: 0.423 ppbv

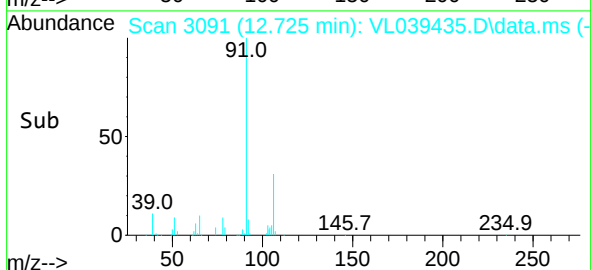
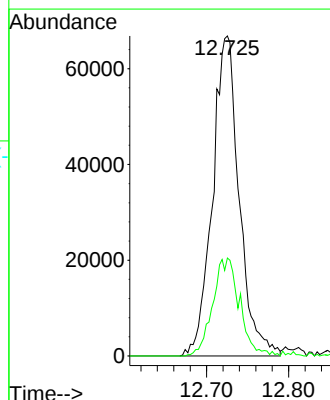
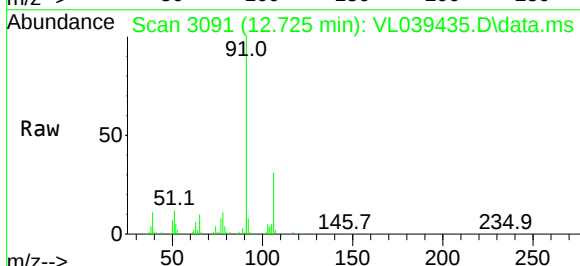
RT: 12.725 min Scan# 3091

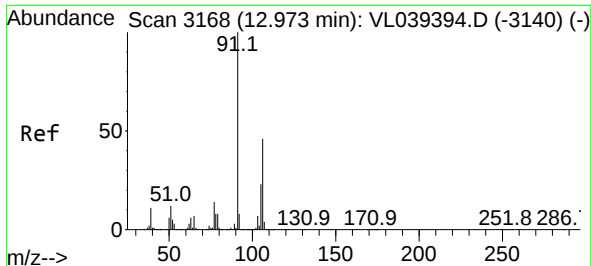
Delta R.T. 0.039 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Tgt Ion:	91	Resp:	151583
Ion Ratio	Lower	Upper	
91	100		
106	30.6	25.4	38.0





#59

m/p-Xylene

Concen: 0.928 ppbv m

RT: 13.002 min Scan# 3168

Delta R.T. 0.029 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 29351

Ion Ratio Lower Upper

91 100

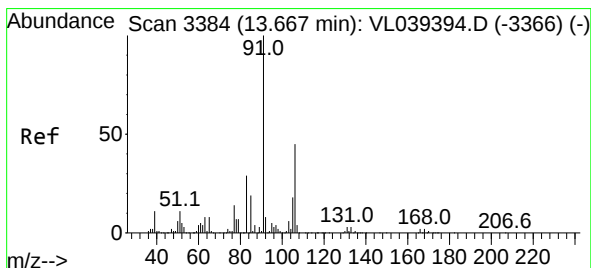
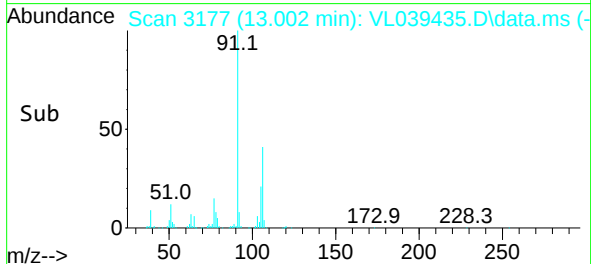
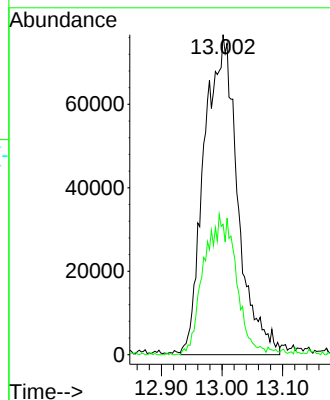
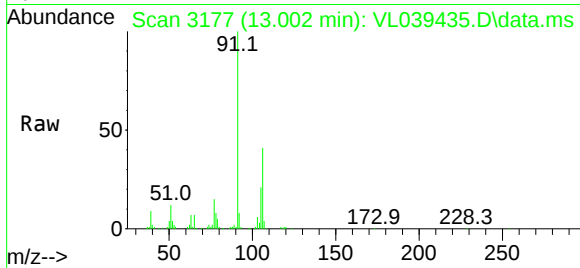
106 0.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#60

o-Xylene

Concen: 0.455 ppbv

RT: 13.700 min Scan# 3394

Delta R.T. 0.032 min

Lab File: VL039435.D

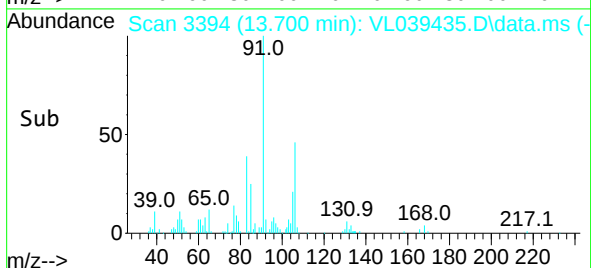
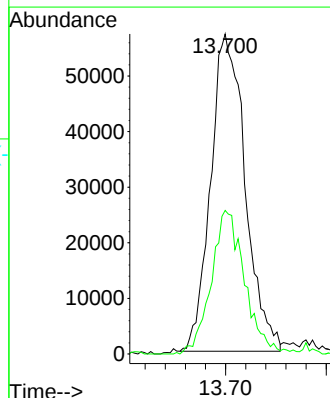
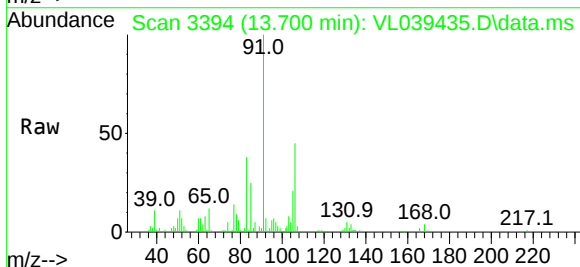
Acq: 6 Jul 2022 1:45

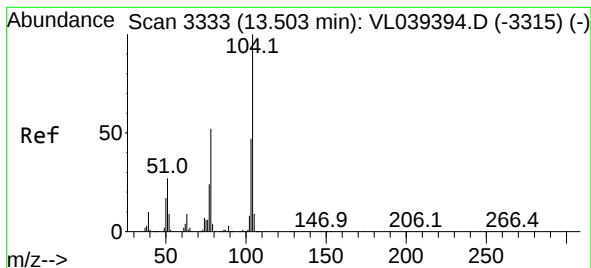
Tgt Ion: 91 Resp: 136133

Ion Ratio Lower Upper

91 100

106 44.7 22.4 67.3





#61

Styrene

Concen: 0.363 ppbv m

RT: 13.539 min Scan# 3333

Delta R.T. 0.035 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

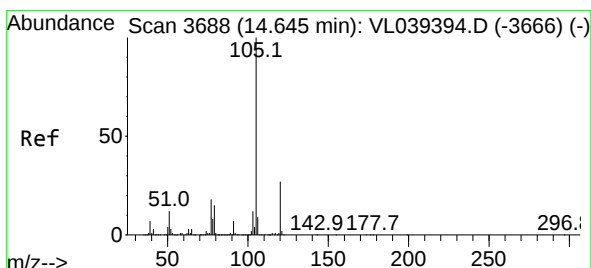
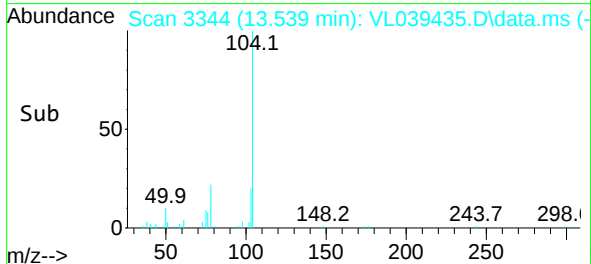
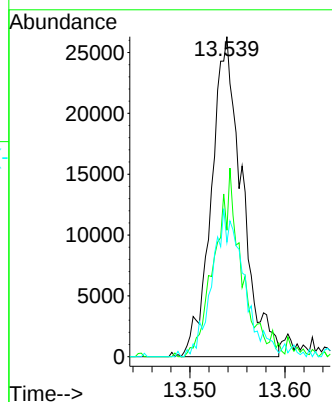
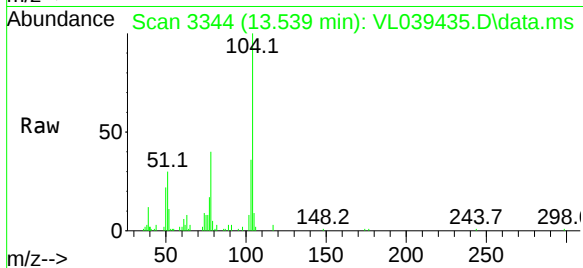
Tgt Ion:104 Resp: 5895

Ion	Ratio	Lower	Upper
104	100		
78	54.0	41.2	61.8
103	48.7	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#62

Isopropylbenzene

Concen: 0.492 ppbv

RT: 14.677 min Scan# 3698

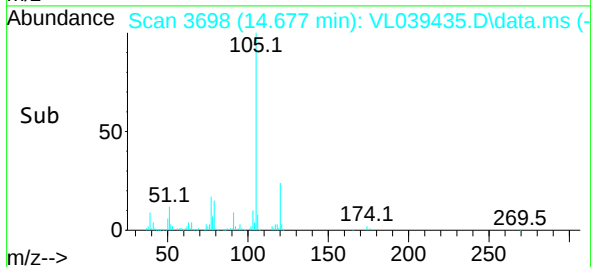
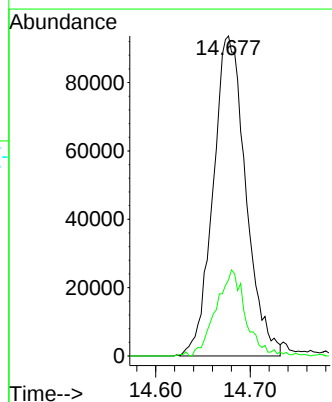
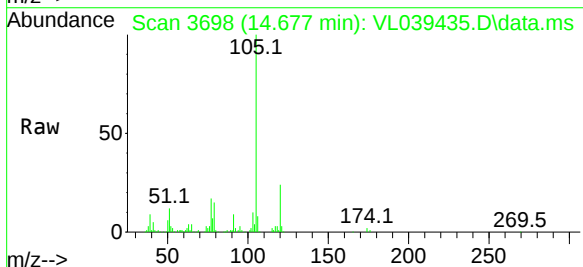
Delta R.T. 0.032 min

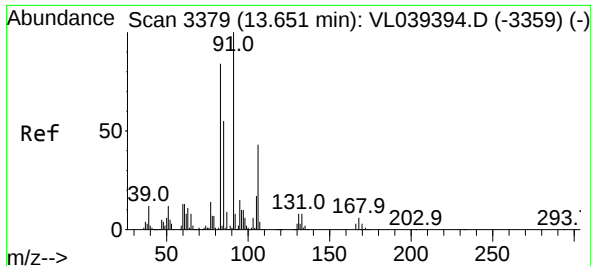
Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Tgt Ion:105 Resp: 224378

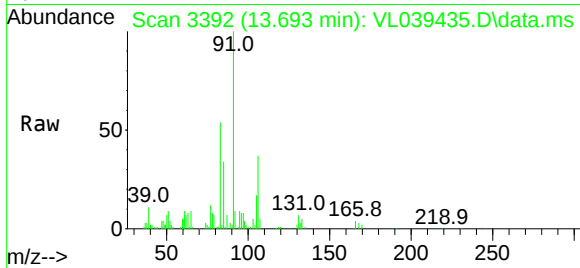
Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.7	31.1





#63
1,1,2-Tetrachloroethane
Concen: 0.485 ppbv m
RT: 13.693 min Scan# 3379
Delta R.T. 0.042 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

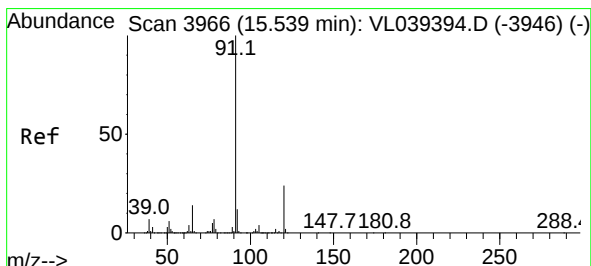
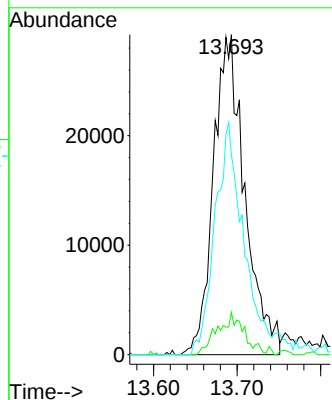
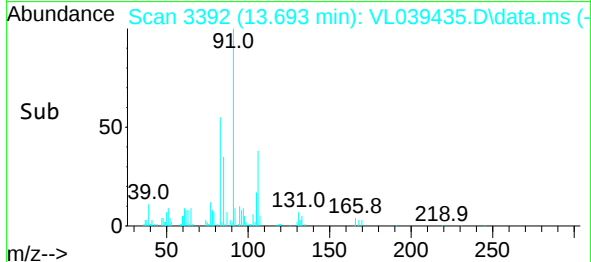
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



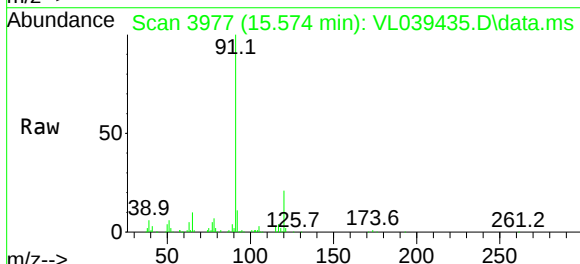
Tgt Ion: 83 Resp: 76139
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 70.5 33.1 99.5

Manual Integrations
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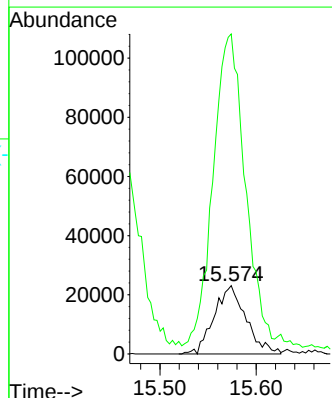
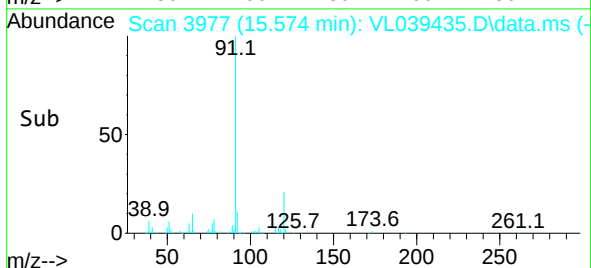
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

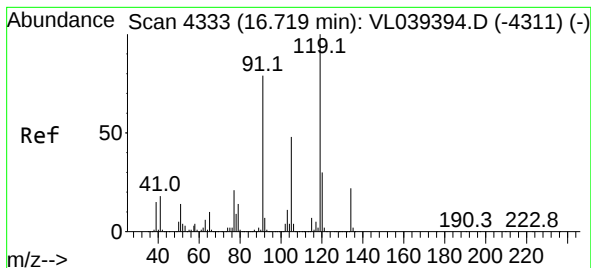


#64
n-propylbenzene
Concen: 0.458 ppbv m
RT: 15.574 min Scan# 3977
Delta R.T. 0.035 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



Tgt Ion:120 Resp: 52999
Ion Ratio Lower Upper
120 100
91 518.5 367.2 550.8





#65

tert-Butylbenzene

Concen: 0.444 ppbv

RT: 16.754 min Scan# 41

Delta R.T. 0.035 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

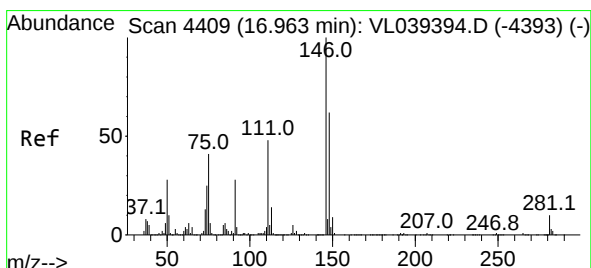
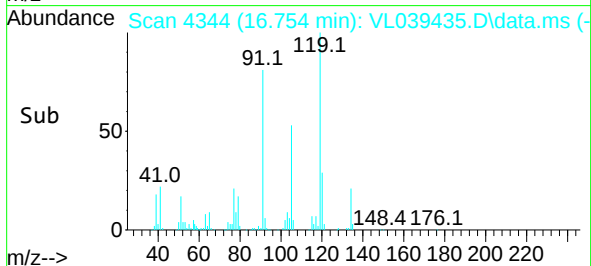
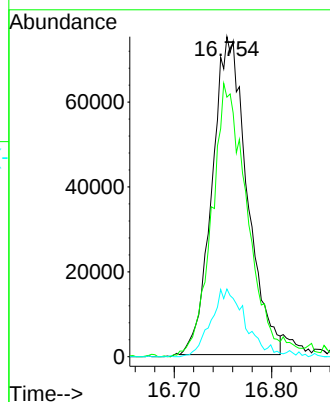
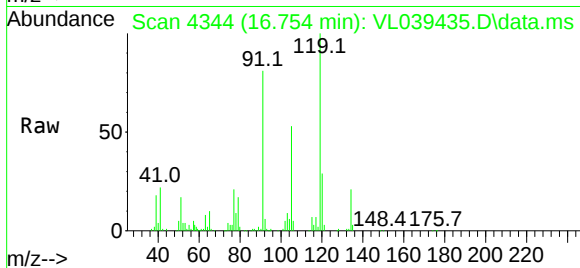
MDL-AIR-03-QT2-2022

Tgt Ion:	119	Resp:	187284
Ion Ratio	Lower	Upper	
119	100		
91	90.8	63.4	95.2
134	21.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#66

Benzyl Chloride

Concen: 0.427 ppbv m

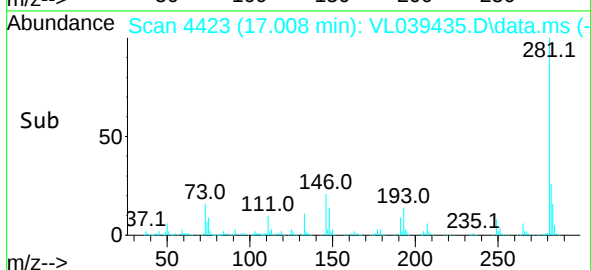
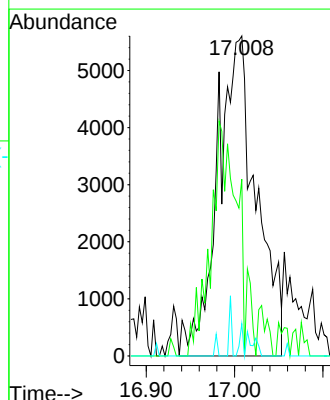
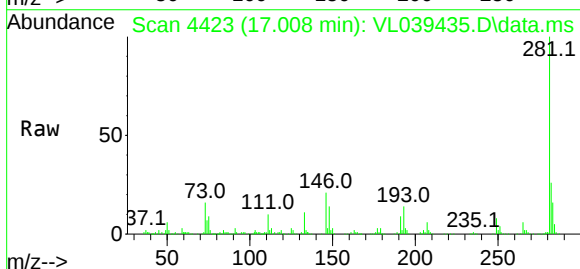
RT: 17.008 min Scan# 4423

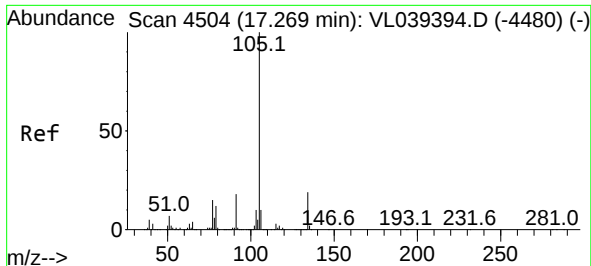
Delta R.T. 0.045 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

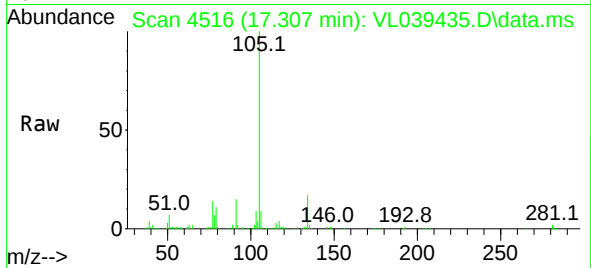
Tgt Ion:	91	Resp:	17085
Ion Ratio	Lower	Upper	
91	100		
126	0.0	13.1	19.7#
128	0.0	4.4	6.6#





#67
 sec-Butylbenzene
 Concen: 0.497 ppbv m
 RT: 17.307 min Scan# 41
 Delta R.T. 0.039 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

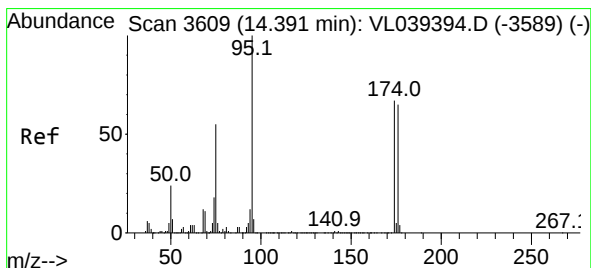
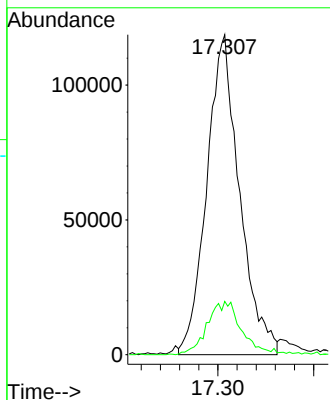
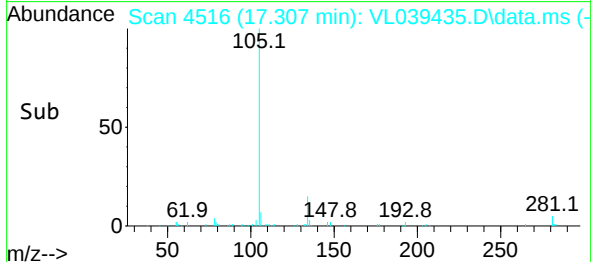
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



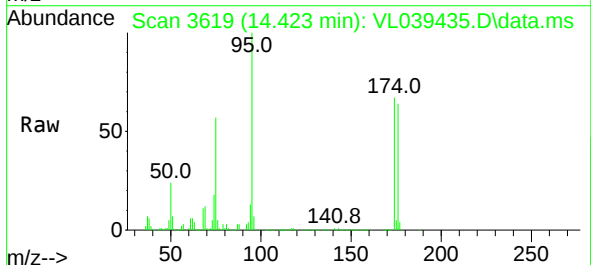
Tgt Ion:105 Resp: 28216
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.8 22.2

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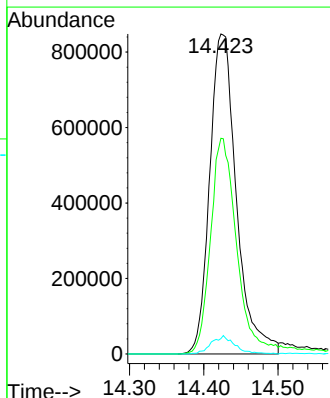
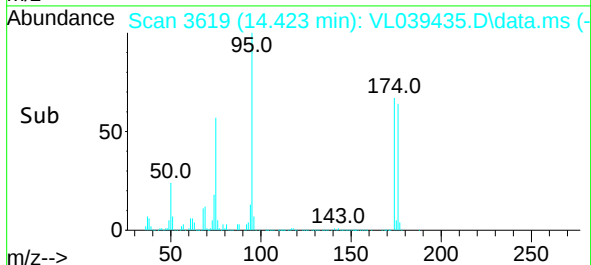
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

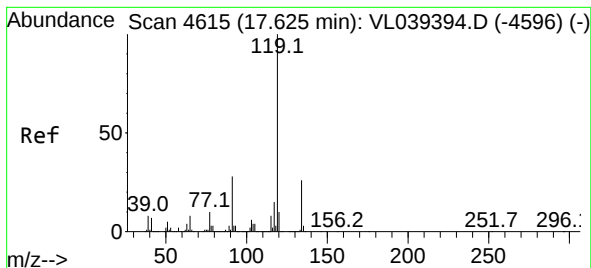


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.301 ppbv
 RT: 14.423 min Scan# 3619
 Delta R.T. 0.032 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45



Tgt Ion: 95 Resp: 2123088
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.452 ppbv m

RT: 17.667 min Scan# 4615

Delta R.T. 0.042 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022

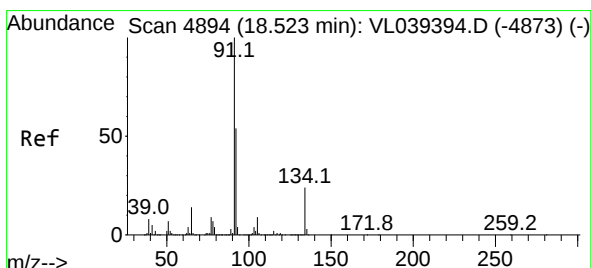
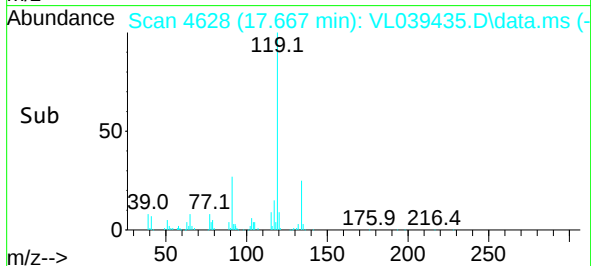
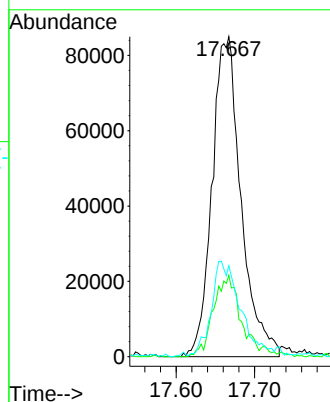
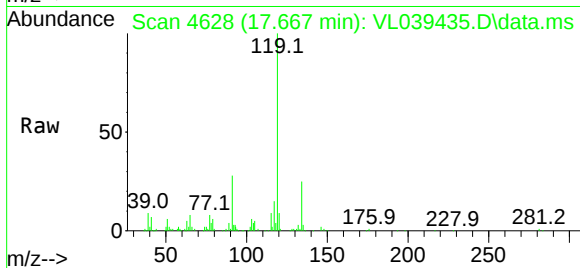
Tgt Ion: 119 Resp: 21765

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.3	30.5
91	0.0	22.9	34.3

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 07/07/2022
Supervised By : Mahesh Dadoda 07/07/2022



#70

n-Butylbenzene

Concen: 0.420 ppbv

RT: 18.558 min Scan# 4905

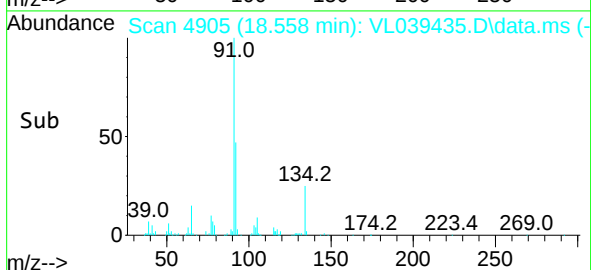
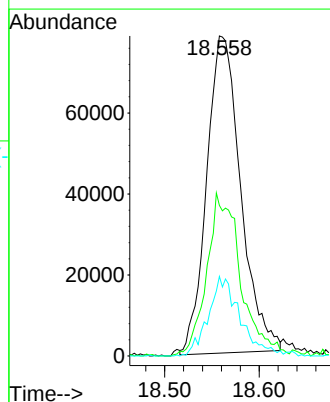
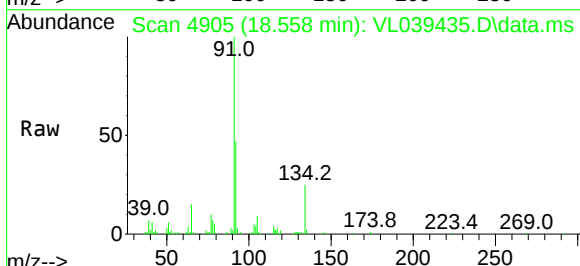
Delta R.T. 0.035 min

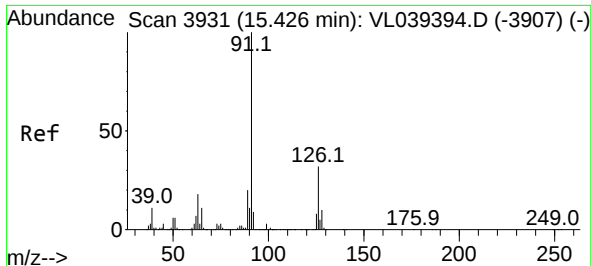
Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Tgt Ion: 91 Resp: 196170

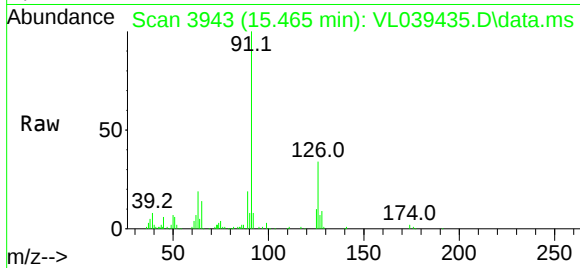
Ion	Ratio	Lower	Upper
91	100		
92	51.5	43.4	65.2
134	23.7	18.9	28.3





#71
2-Chlorotoluene
Concen: 0.472 ppbv m
RT: 15.465 min Scan# 3931
Delta R.T. 0.039 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

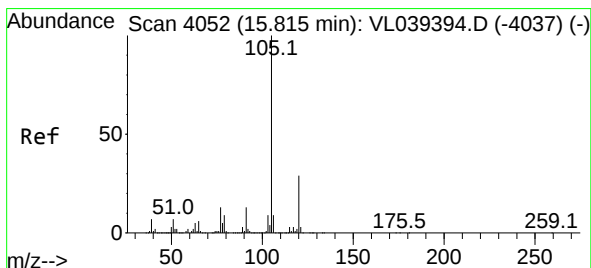
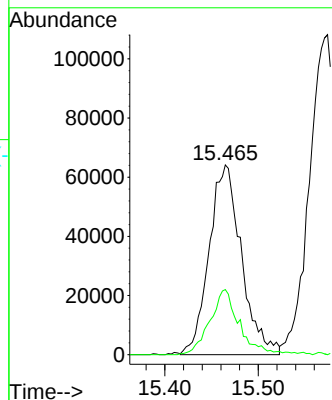
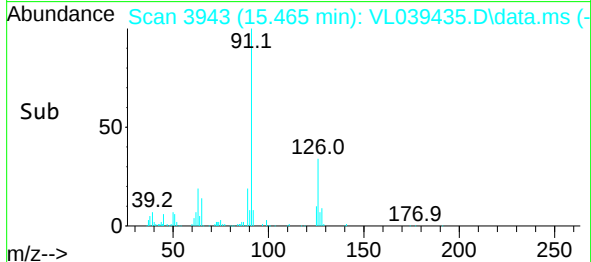
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



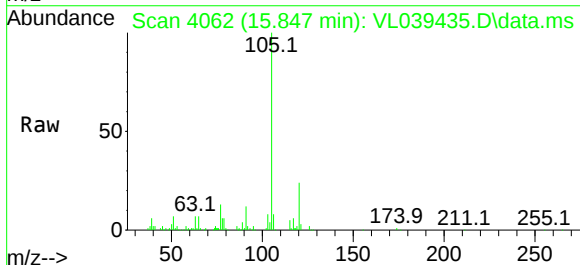
Tgt Ion: 91 Resp: 15401
Ion Ratio Lower Upper
91 100
126 2.1 13.0 51.8

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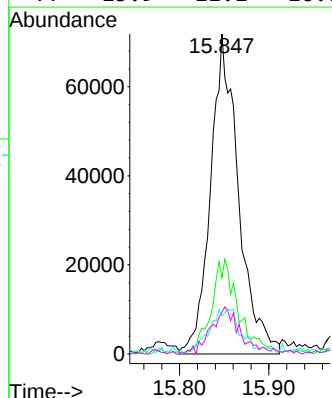
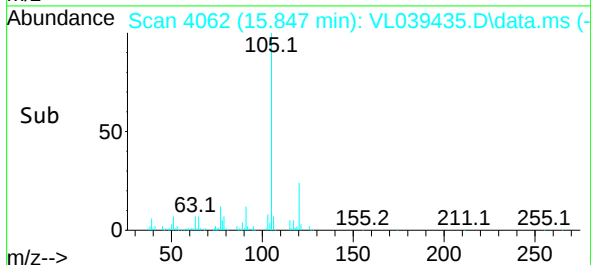
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

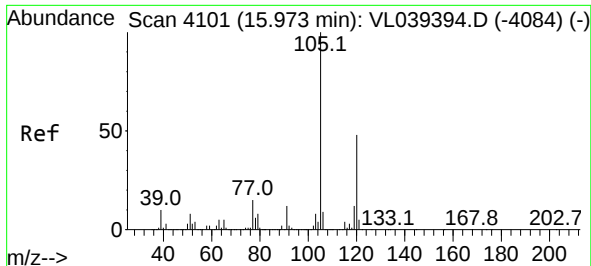


#72
4-Ethyltoluene
Concen: 0.444 ppbv m
RT: 15.847 min Scan# 4062
Delta R.T. 0.032 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



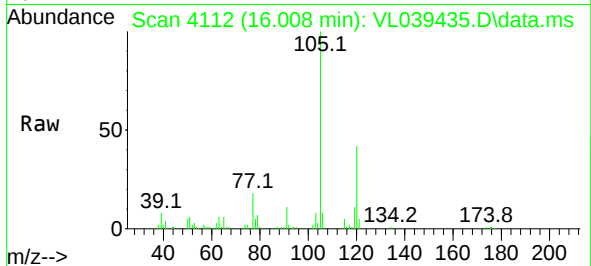
Tgt Ion:105 Resp: 156188
Ion Ratio Lower Upper
105 100
120 29.3 24.2 36.2
91 17.4 10.2 15.4#
77 15.9 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 0.427 ppbv
 RT: 16.008 min Scan# 4101
 Delta R.T. 0.035 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

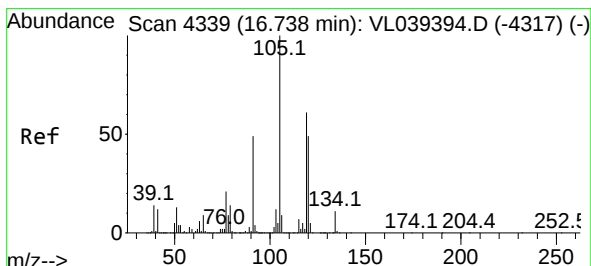
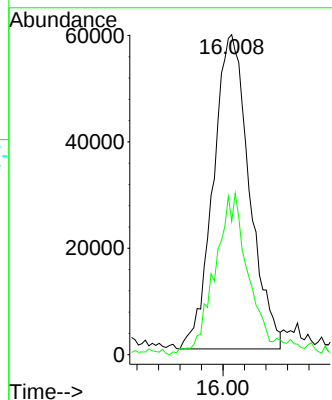
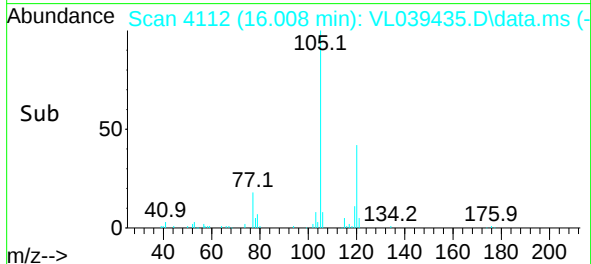
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



Tgt Ion:105 Resp: 137974
 Ion Ratio Lower Upper
 105 100
 120 40.5 38.2 57.4

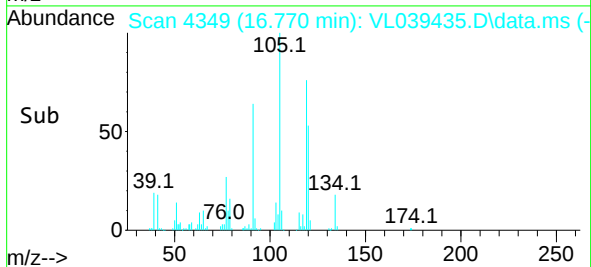
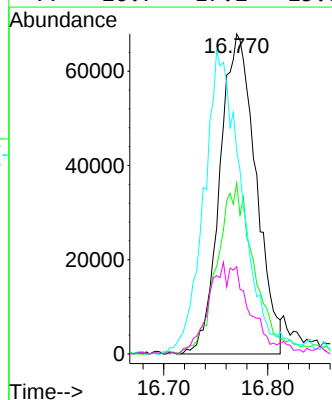
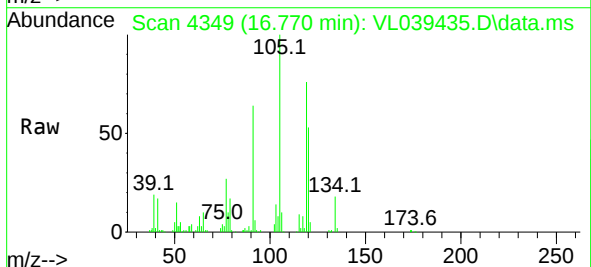
Manual Integrations
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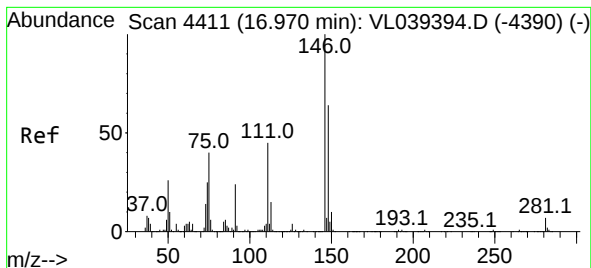
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.456 ppbv
 RT: 16.770 min Scan# 4349
 Delta R.T. 0.032 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

Tgt Ion:105 Resp: 163177
 Ion Ratio Lower Upper
 105 100
 120 53.4 39.5 59.3
 91 58.4 39.2 58.8
 77 26.7 17.2 25.8#





#75

1,3-Dichlorobenzene

Concen: 0.515 ppbv m

RT: 17.002 min Scan# 4421

Delta R.T. 0.032 min

Lab File: VL039435.D

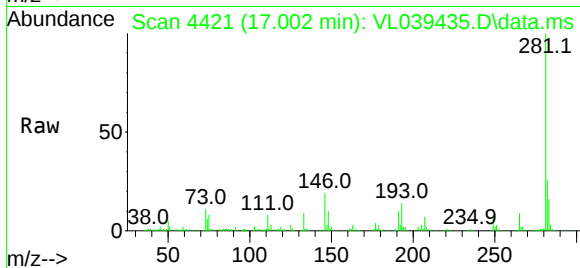
Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2022



Tgt Ion:146 Resp: 109960

Ion Ratio Lower Upper

146 100

111 0.0 22.9 68.7

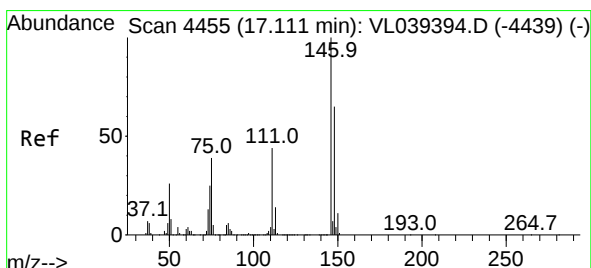
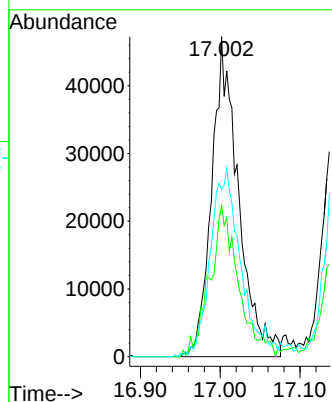
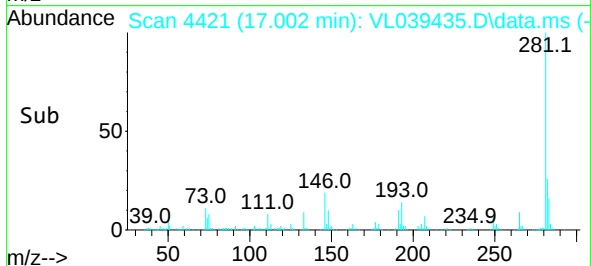
148 67.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#76

1,4-Dichlorobenzene

Concen: 0.488 ppbv m

RT: 17.146 min Scan# 4466

Delta R.T. 0.035 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

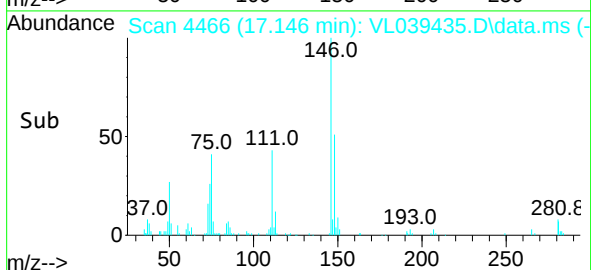
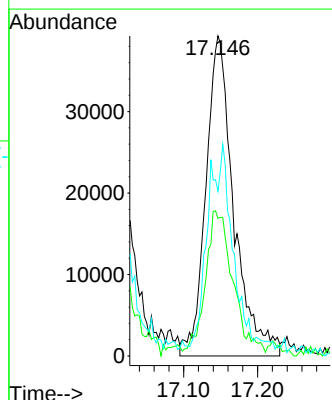
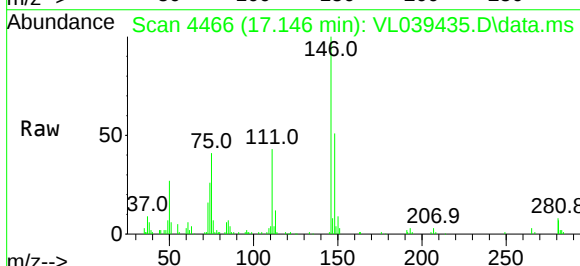
Tgt Ion:146 Resp: 103292

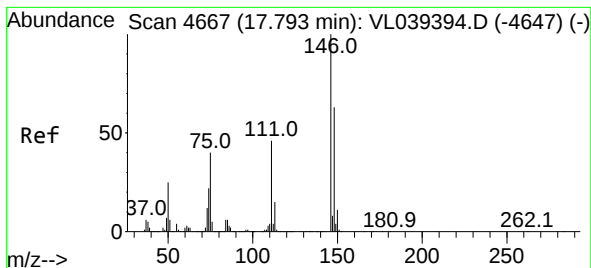
Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.8

148 63.9 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 0.471 ppbv m

RT: 17.828 min Scan# 4667

Delta R.T. 0.035 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

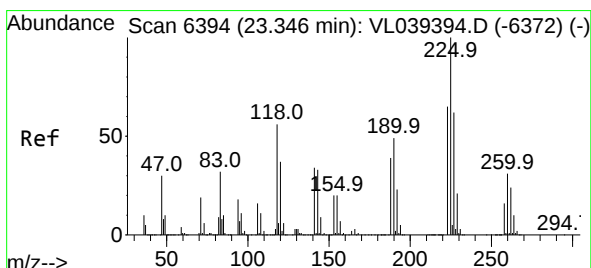
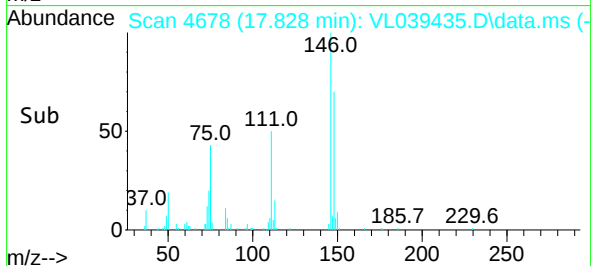
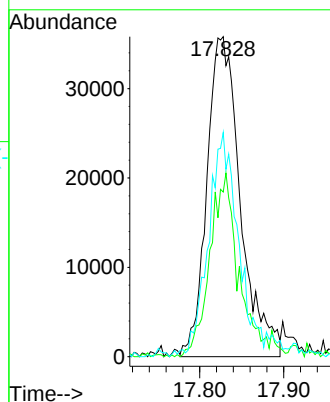
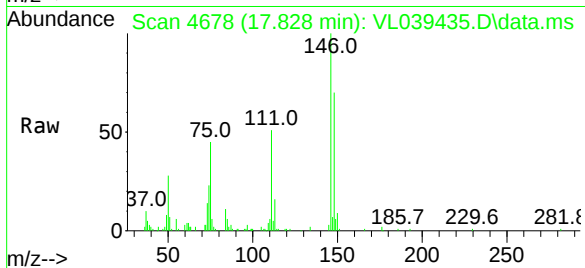
MDL-AIR-03-QT2-2022

Tgt Ion:	146	Resp:	9968
Ion Ratio	Lower	Upper	
146	100		
111	50.2	23.8	71.5
148	67.4	32.3	96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.528 ppbv m

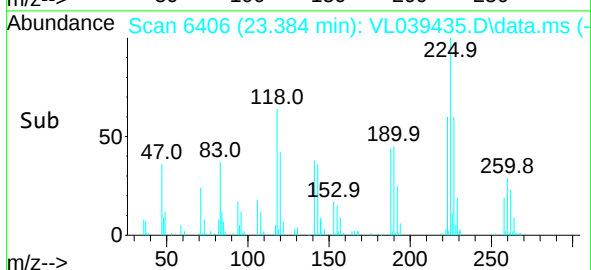
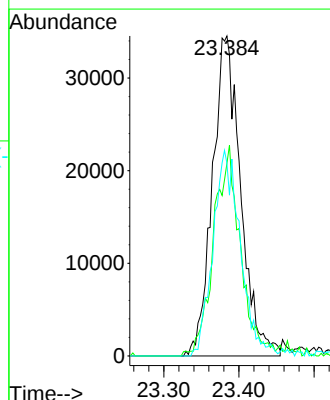
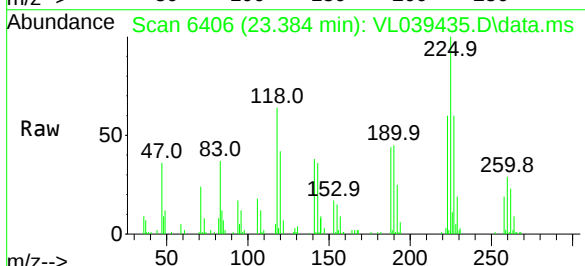
RT: 23.384 min Scan# 6406

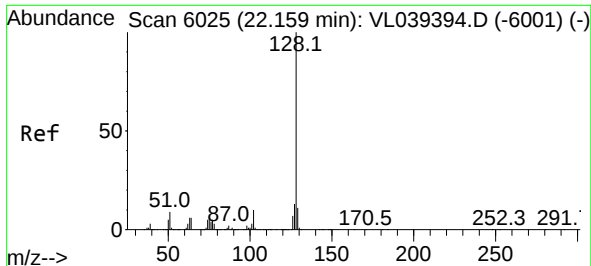
Delta R.T. 0.039 min

Lab File: VL039435.D

Acq: 6 Jul 2022 1:45

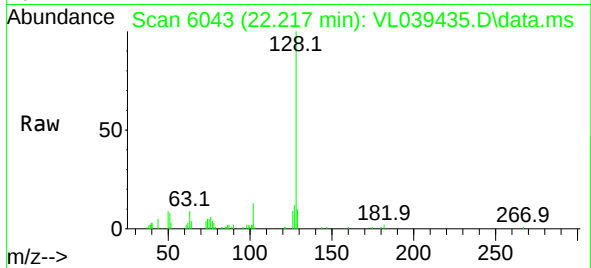
Tgt Ion:	225	Resp:	89847
Ion Ratio	Lower	Upper	
225	100		
223	0.0	51.8	77.6#
227	0.0	51.4	77.2#





#79
Naphthalene
Concen: 0.341 ppbv m
RT: 22.217 min Scan# 6025
Delta R.T. 0.058 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

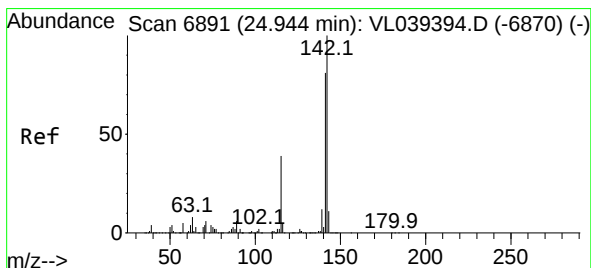
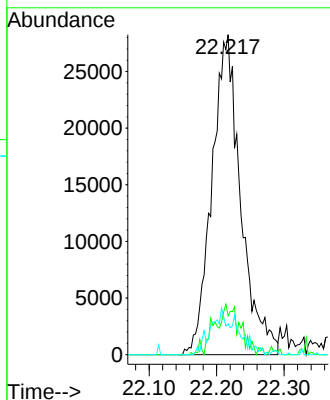
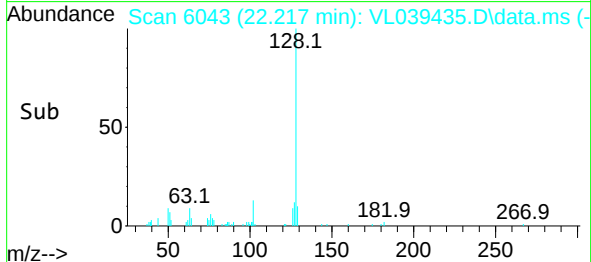
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



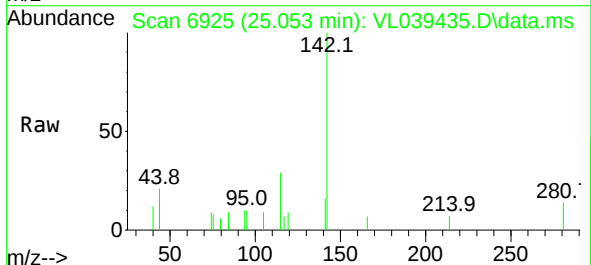
Tgt Ion:128 Resp: 83884
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 9.6 8.8 13.2

Manual Integrations
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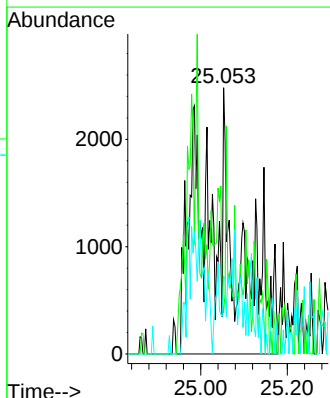
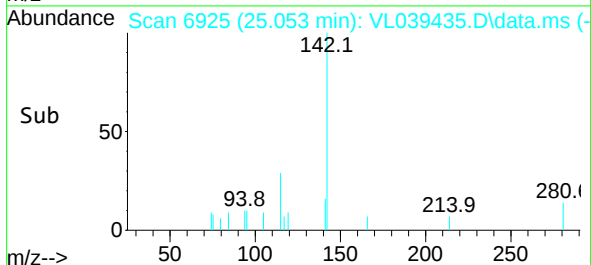
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

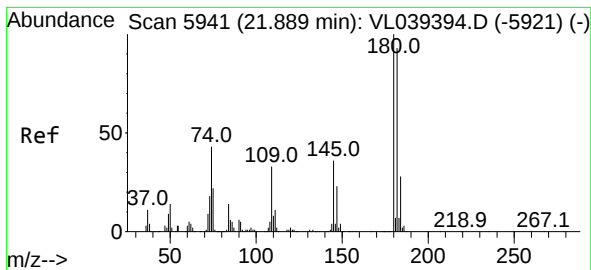


#80
Naphthalene,2-methyl-
Concen: 0.160 ppbv m
RT: 25.053 min Scan# 6925
Delta R.T. 0.109 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45



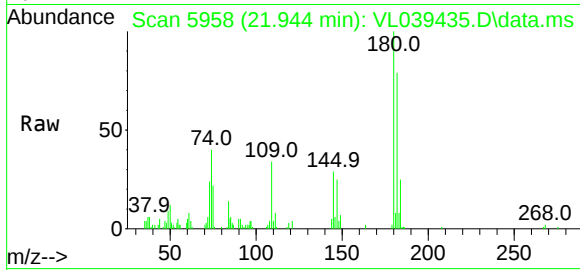
Tgt Ion:142 Resp: 13400
Ion Ratio Lower Upper
142 100
141 0.0 68.9 103.3#
115 0.0 30.0 45.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.389 ppbv m
 RT: 21.944 min Scan# 5958
 Delta R.T. 0.055 min
 Lab File: VL039435.D
 Acq: 6 Jul 2022 1:45

Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.1	115.7
184	29.8	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

