

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039599.D
 Acq On : 26 Aug 2022 11:52
 Operator : SY/AP
 Sample : N3980-15 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 27 00:04:14 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	915493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2474595	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2172209	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1625235	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	93416	0.767	ppbv	99
3) Chlorodifluoromethane	2.697	51	60325	0.553	ppbv	98
4) Chloromethane	2.838	50	37106	0.565	ppbv #	85
5) Vinyl Chloride	2.944	62	29908	0.564	ppbv	97
6) Bromomethane	3.144	94	12499m	0.556	ppbv	
7) Chloroethane	3.218	64	13032m	0.656	ppbv	
8) Dichlorotetrafluoroethane	2.877	85	78979	0.606	ppbv	98
9) Propene	2.722	41	30011	0.601	ppbv	94
10) Heptane	7.590	43	50841	0.440	ppbv	96
11) Trichlorofluoromethane	3.584	101	75181	0.562	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.083	101	56126	0.568	ppbv	100
13) Ethanol	3.269	45	4455m	1.242	ppbv	
14) Bromoethene	3.391	108	21292	0.527	ppbv #	89
15) Acetone	3.497	43	61622	0.601	ppbv	90
16) 1,3-Butadiene	3.005	39	27842	0.520	ppbv	96
17) tert-Butyl alcohol	3.919	59	47764m	0.546	ppbv	
18) 1,1-Dichloroethene	3.899	96	22801m	0.512	ppbv	
19) Isopropyl Alcohol	3.607	45	29963m	0.601	ppbv	
20) Methylene Chloride	3.954	84	34805	0.835	ppbv	99
21) Allyl Chloride	4.018	41	29037	0.435	ppbv #	73
22) trans-1,2-Dichloroethene	4.462	96	26794m	0.605	ppbv	
23) Vinyl Acetate	4.645	43	21273	0.436	ppbv #	83
24) 1,1-Dichloroethane	4.581	63	52345	0.580	ppbv #	95
25) Ethyl Acetate	5.227	43	107033	0.488	ppbv #	95
26) Hexane	5.227	57	47546	0.531	ppbv #	83
27) Carbon Disulfide	4.147	76	35264	0.369	ppbv #	64
28) Methyl tert-Butyl Ether	4.613	73	33469	0.433	ppbv	94
29) Chloroform	5.292	83	78405m	0.560	ppbv	
30) Cyclohexane	6.619	84	33225m	0.448	ppbv	
31) cis-1,2-Dichloroethene	5.095	61	37488	0.432	ppbv	98
32) 1,1,1-Trichloroethane	6.018	97	61511	0.499	ppbv #	90
34) 2-Butanone	4.816	43	66782	0.543	ppbv	100
35) Carbon Tetrachloride	6.504	117	67447	0.504	ppbv #	92
36) Benzene	6.382	78	86578m	0.459	ppbv	
37) 1,2-Dichloroethane	5.822	62	53970	0.519	ppbv	99
38) Trichloroethene	7.298	130	50098m	0.496	ppbv	
39) 1,2-Dichloropropane	7.082	63	37845m	0.534	ppbv	
40) 1,4-Dioxane	7.333	88	13858m	0.499	ppbv	
41) Tetrahydrofuran	5.603	42	27036	0.368	ppbv	95
42) Bromodichloromethane	7.256	83	70150m	0.493	ppbv	
43) Methyl Methacrylate	7.488	69	27388m	0.403	ppbv	
44) 2,2,4-Trimethylpentane	7.336	57	151347	0.476	ppbv	93
45) t-1,3-Dichloropropene	8.719	75	15940	0.269	ppbv	95

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 00:04:14 2022

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

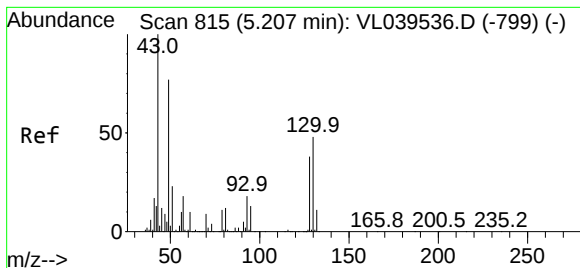
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

Response via : Initial Calibration

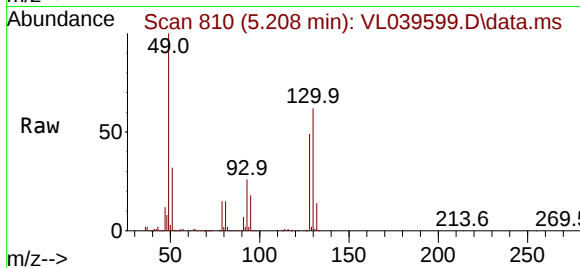
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	27458m	0.335	ppbv	
47) 1,1,2-Trichloroethane	8.906	97	40218m	0.497	ppbv	
48) Dibromochloromethane	9.719	129	51587m	0.432	ppbv	
49) Bromoform	12.413	173	38351m	0.388	ppbv	
50) 4-Methyl-2-Pentanone	8.214	43	70611	0.368	ppbv	100
51) 2-Hexanone	9.578	43	49302m	0.350	ppbv	
52) Tetrachloroethene	10.622	164	34833	0.488	ppbv #	80
53) Toluene	9.237	91	77179m	0.366	ppbv	
54) 1,2-Dibromoethane	10.018	107	40596	0.448	ppbv	82
56) 1,1,1,2-Tetrachloroethane	11.513	131	48098	0.545	ppbv #	1
57) Chlorobenzene	11.539	112	90887	0.561	ppbv	95
58) Ethyl Benzene	12.102	91	100938	0.404	ppbv	90
59) m/p-Xylene	12.388	91	204158m	0.912	ppbv	
60) o-Xylene	13.066	91	100215m	0.466	ppbv	
61) Styrene	12.905	104	37584m	0.328	ppbv	
62) Isopropylbenzene	14.037	105	163136	0.502	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	57531m	0.565	ppbv	
64) n-propylbenzene	14.928	120	38361m	0.454	ppbv	
65) tert-Butylbenzene	16.105	119	147263	0.510	ppbv	97
66) Benzyl Chloride	16.349	91	10253m	0.437	ppbv	
67) sec-Butylbenzene	16.648	105	200492	0.490	ppbv	100
69) p-Isopropyltoluene	17.008	119	150647	0.444	ppbv	96
70) n-Butylbenzene	17.902	91	142696	0.422	ppbv	98
71) 2-Chlorotoluene	14.815	91	110116	0.468	ppbv	99
72) 4-Ethyltoluene	15.208	105	107421m	0.427	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	108147m	0.471	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	129596m	0.506	ppbv	
75) 1,3-Dichlorobenzene	16.339	146	77308	0.497	ppbv	90
76) 1,4-Dichlorobenzene	16.478	146	78684	0.508	ppbv	93
77) 1,2-Dichlorobenzene	17.156	146	87168m	0.572	ppbv	
78) Hexachloro-1,3-Butadiene	22.638	225	71514m	0.589	ppbv	
79) Naphthalene	21.397	128	72971m	0.400	ppbv	
80) Naphthalene,2-methyl-	24.384	142	16573m	0.224	ppbv	
81) 1,2,4-Trichlorobenzene	21.153	180	57740m	0.474	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
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

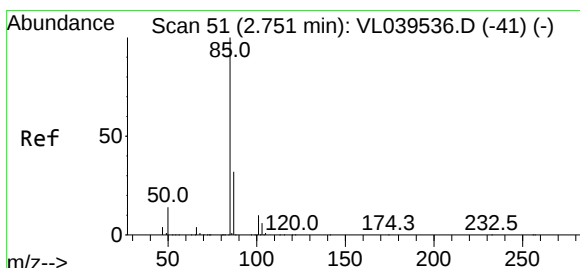
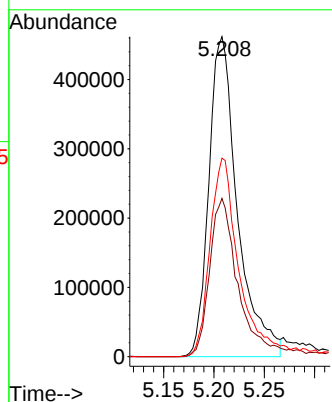
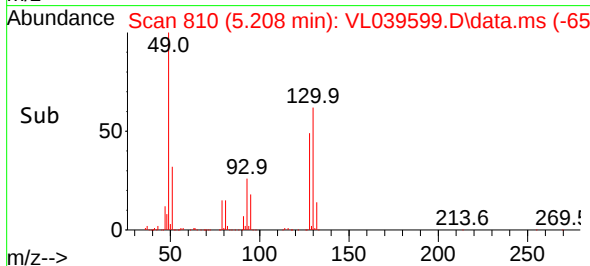
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 49 Resp: 91549
Ion Ratio Lower Upper
49 100
128 51.4 26.7 80.0
130 66.4 34.3 102.8

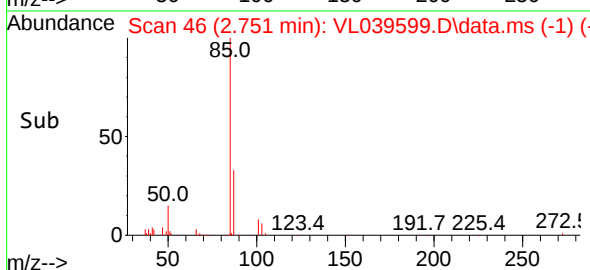
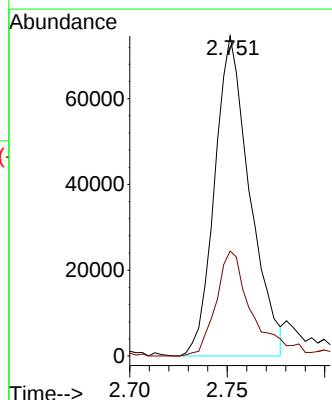
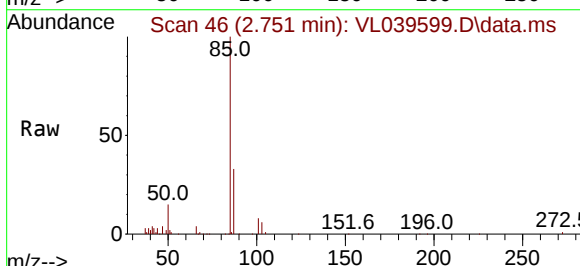
Manual Integrations
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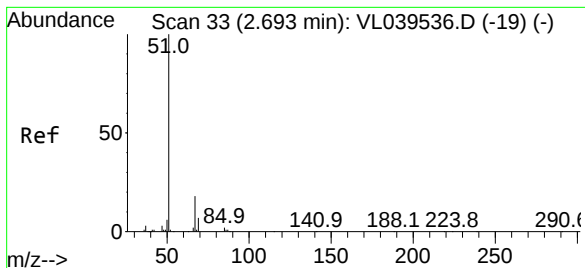
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#2
Dichlorodifluoromethane
Concen: 0.767 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

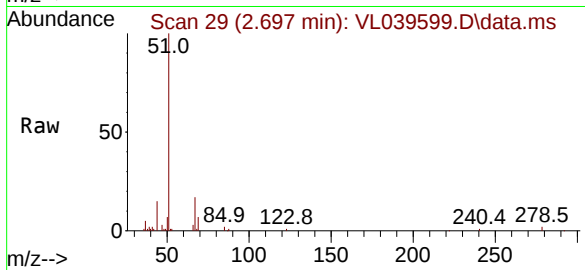
Tgt Ion: 85 Resp: 93416
Ion Ratio Lower Upper
85 100
87 32.9 26.7 40.1





#3
Chlorodifluoromethane
Concen: 0.553 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

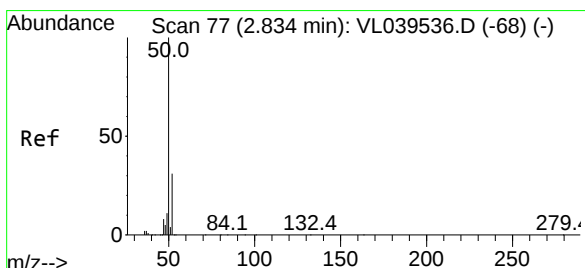
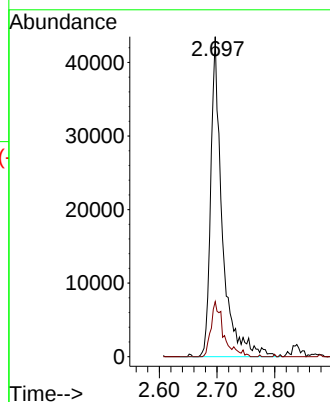
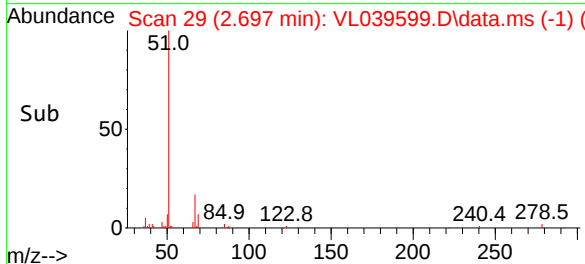
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 51 Resp: 60325
Ion Ratio Lower Upper
51 100
67 18.9 15.7 23.5

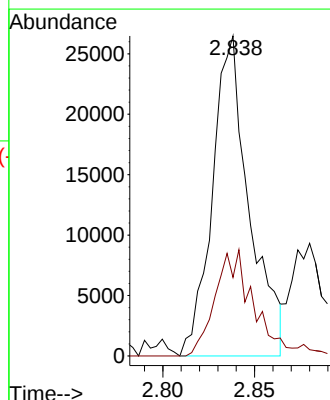
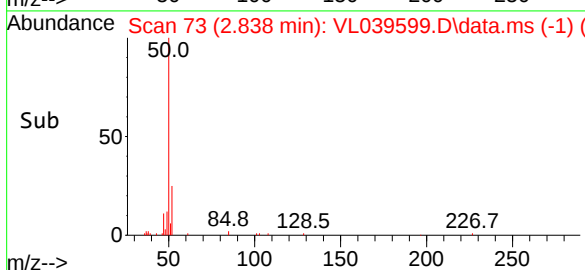
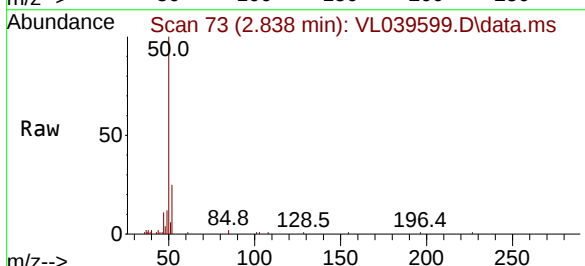
Manual Integrations
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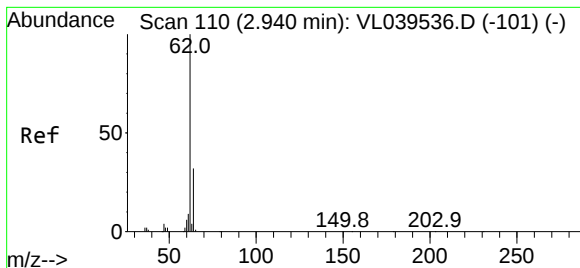
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#4
Chloromethane
Concen: 0.565 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

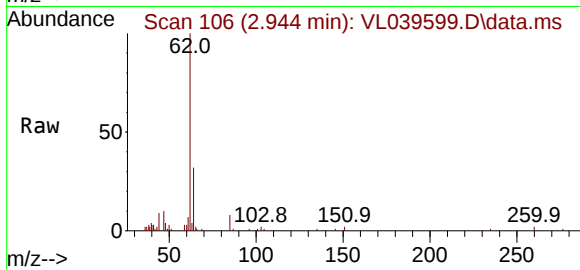
Tgt Ion: 50 Resp: 37106
Ion Ratio Lower Upper
50 100
52 24.6 26.5 39.7#





#5
 Vinyl Chloride
 Concen: 0.564 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

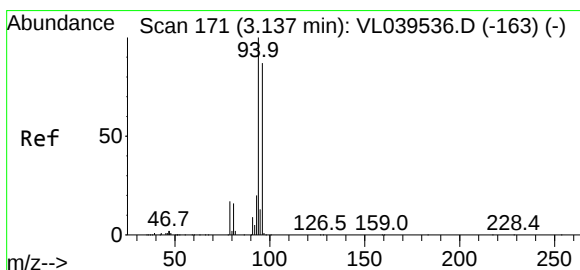
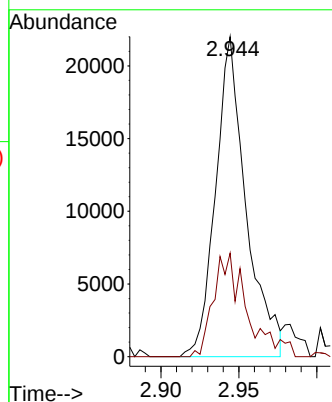
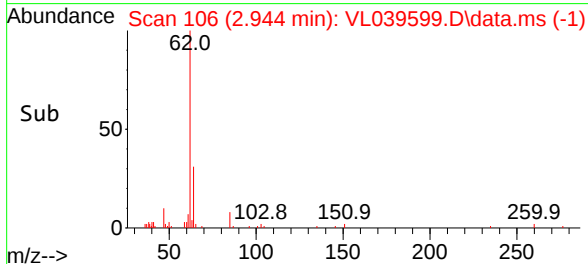
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



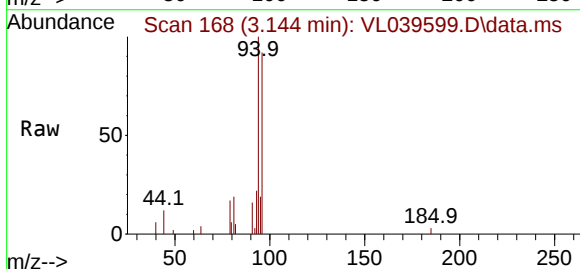
Tgt Ion: 62 Resp: 29908
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.6 36.8

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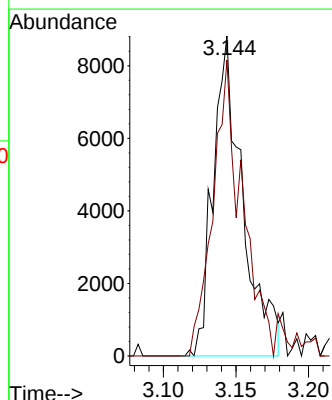
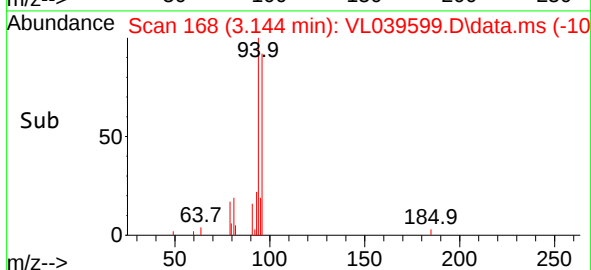
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

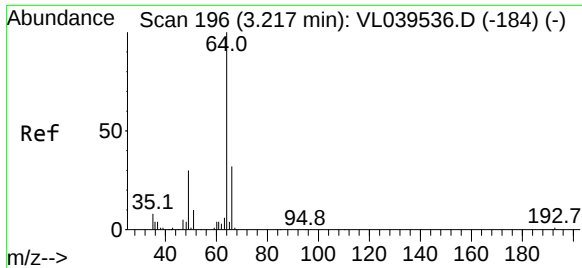


#6
 Bromomethane
 Concen: 0.556 ppbv m
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52



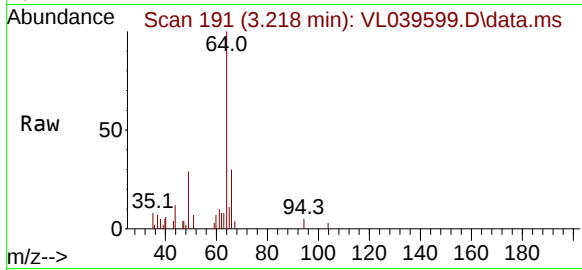
Tgt Ion: 94 Resp: 12499
 Ion Ratio Lower Upper
 94 100
 96 92.5 75.6 113.4





#7
Chloroethane
Concen: 0.656 ppbv m
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

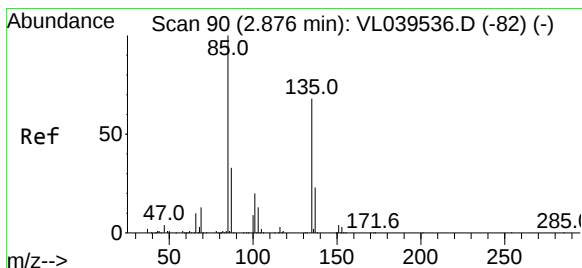
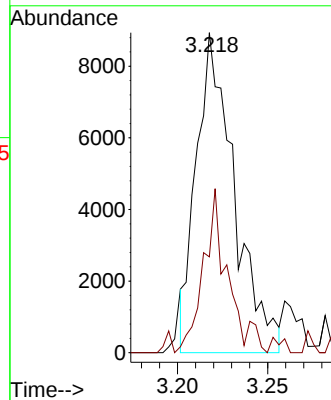
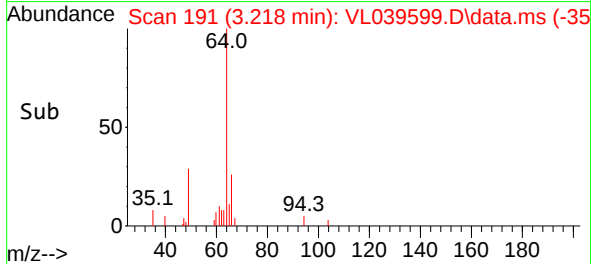
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 64 Resp: 1303
Ion Ratio Lower Upper
64 100
66 29.9 24.7 37.1

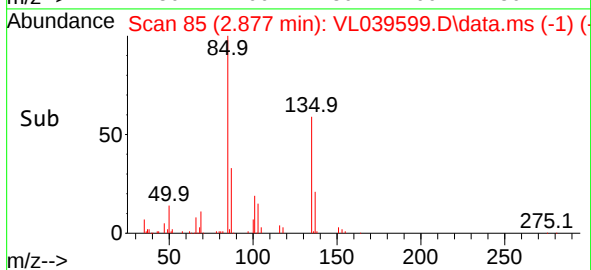
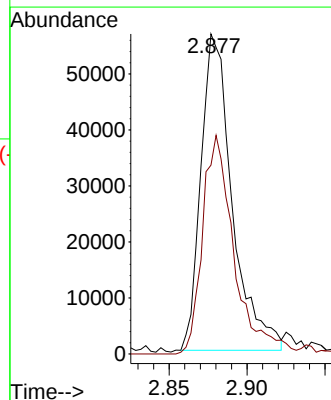
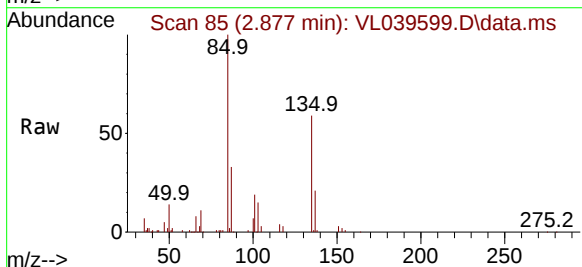
Manual Integrations
APPROVED

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



#8
Dichlorotetrafluoroethane
Concen: 0.606 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

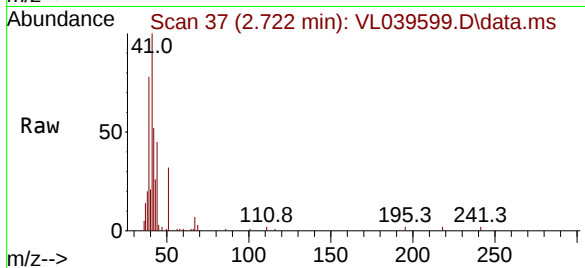
Tgt Ion: 85 Resp: 78979
Ion Ratio Lower Upper
85 100
135 72.1 59.0 88.4





#9
Propene
Concen: 0.601 ppbv
RT: 2.722 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

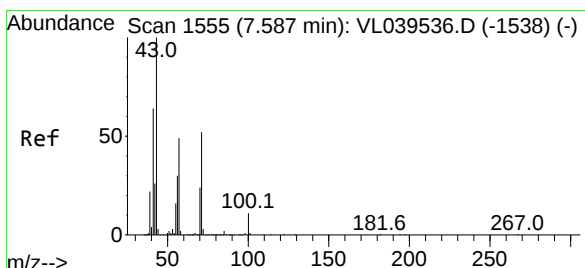
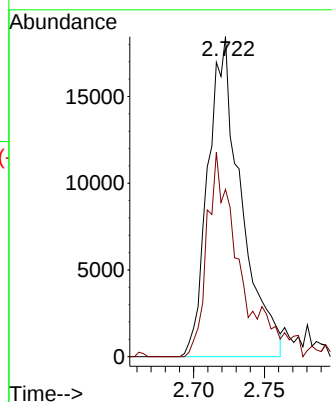
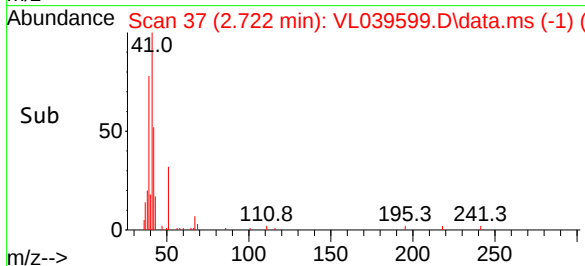
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 41 Resp: 3001
Ion Ratio Lower Upper
41 100
42 64.4 55.2 82.8

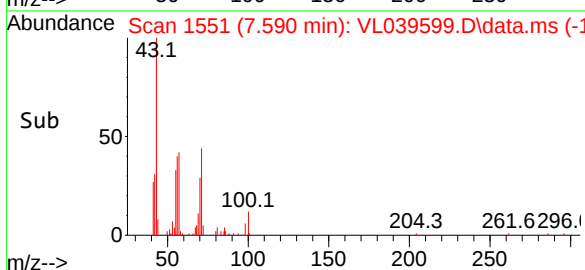
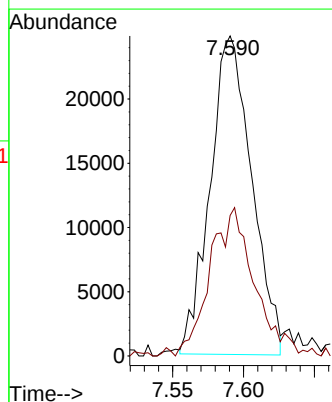
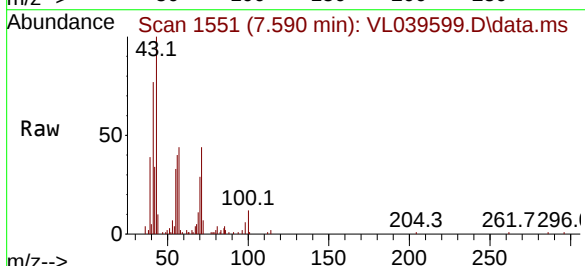
Manual Integrations
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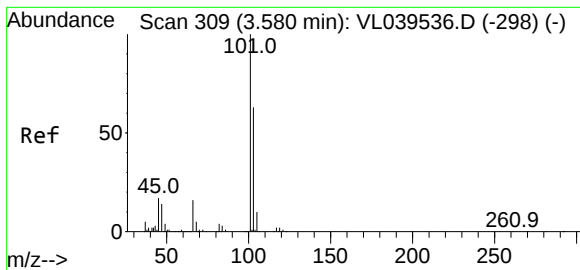
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#10
Heptane
Concen: 0.440 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.004 min
Lab File: VL039599.D
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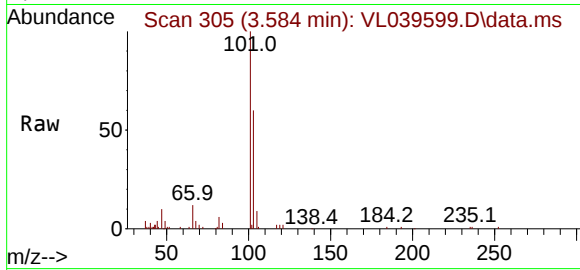
Tgt Ion: 43 Resp: 50841
Ion Ratio Lower Upper
43 100
57 47.6 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 0.562 ppbv
 RT: 3.584 min Scan# 309
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

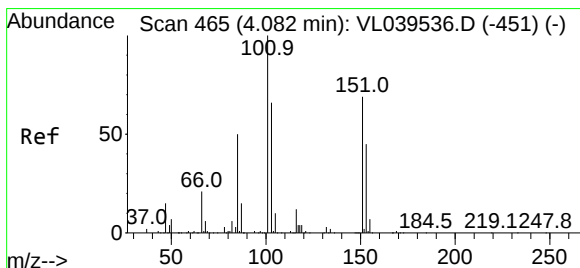
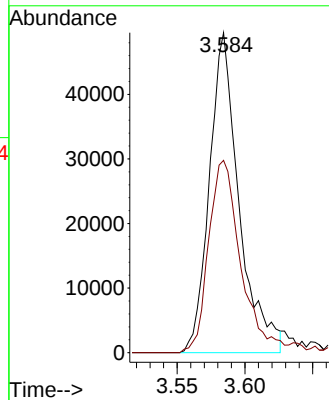
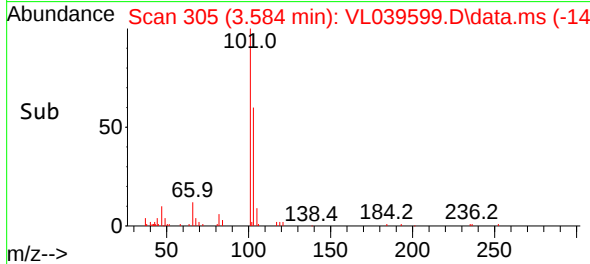
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion:101 Resp: 7518
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.8 77.8

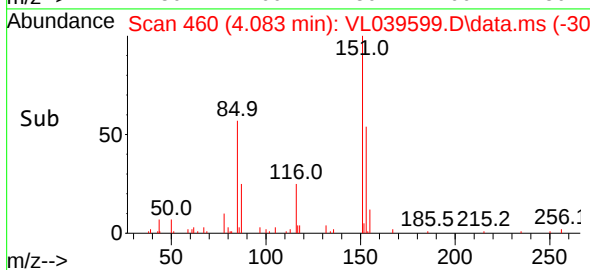
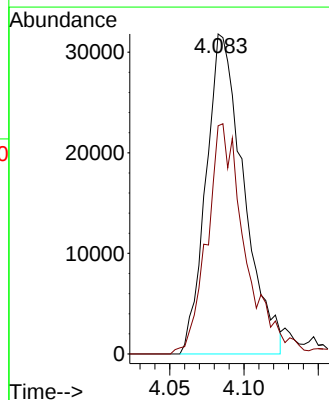
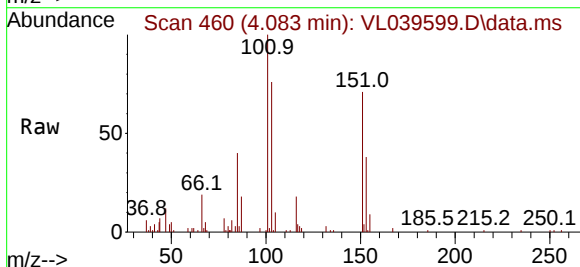
Manual Integrations
 APPROVED

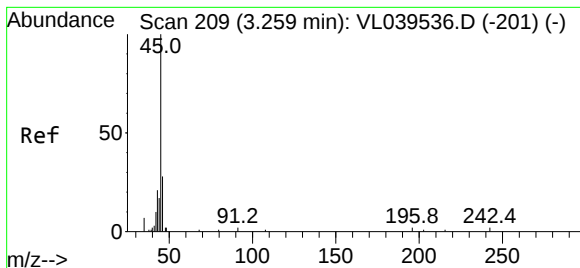
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.568 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.001 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

Tgt Ion:101 Resp: 56126
 Ion Ratio Lower Upper
 101 100
 151 73.4 58.9 88.3





#13

Ethanol

Concen: 1.242 ppbv

RT: 3.269 min Scan# 209

Delta R.T. 0.010 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

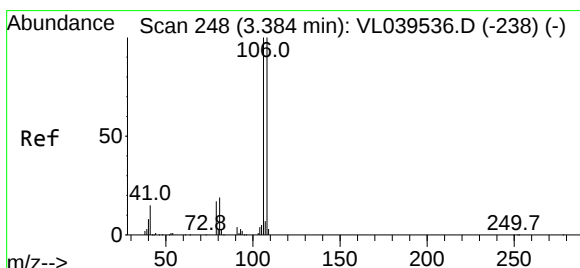
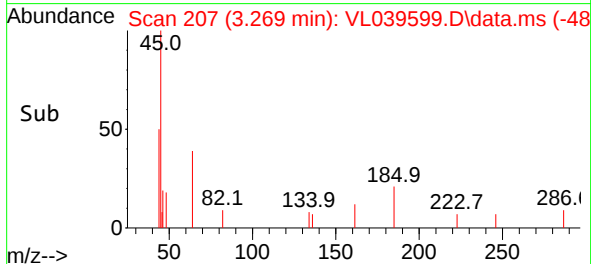
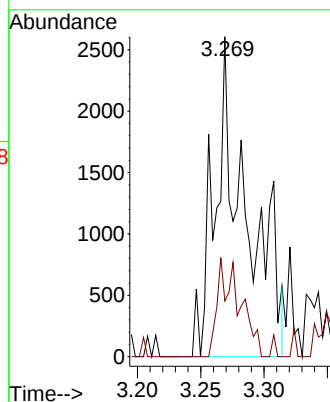
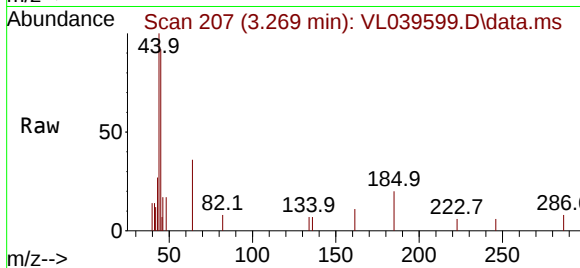
Tgt Ion: 45 Resp: 445

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: 0.527 ppbv

RT: 3.391 min Scan# 245

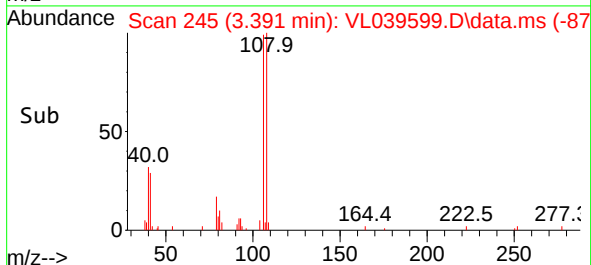
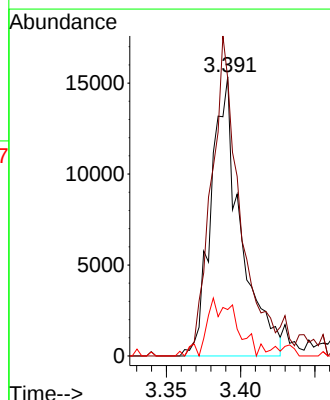
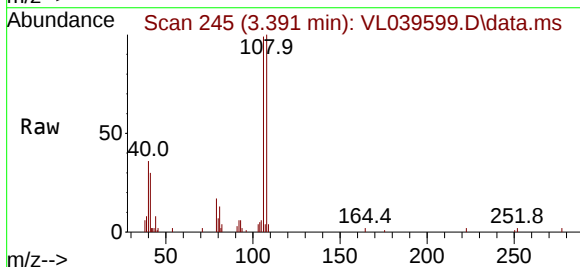
Delta R.T. 0.007 min

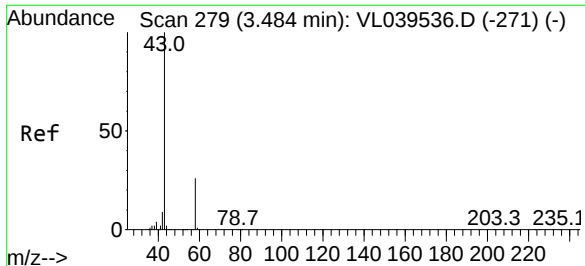
Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Tgt Ion:108 Resp: 21292

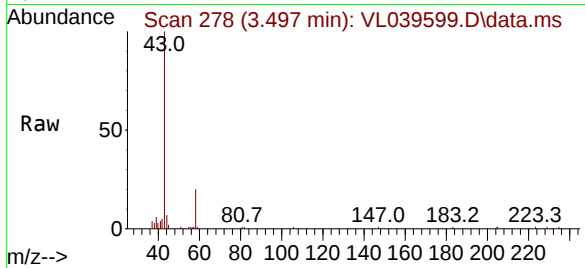
Ion	Ratio	Lower	Upper
108	100		
106	120.8	87.1	130.7
79	23.6	14.6	22.0





#15
Acetone
Concen: 0.601 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.014 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

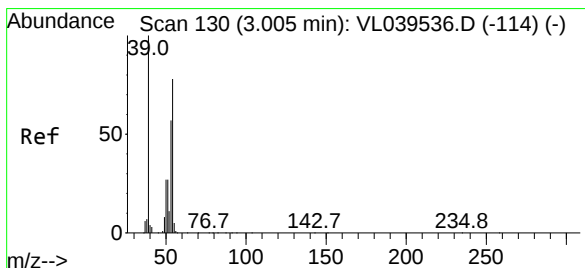
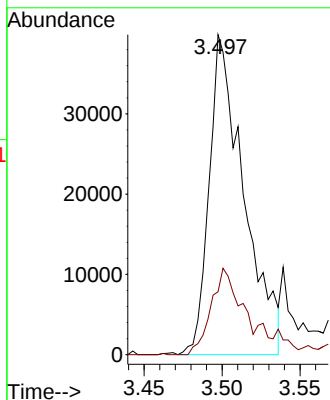
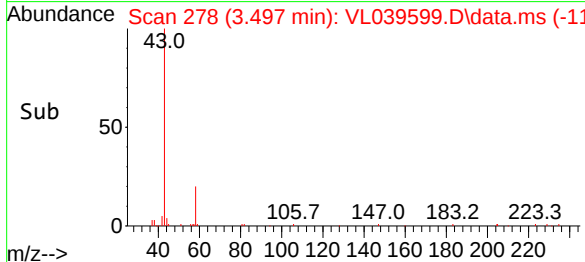
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



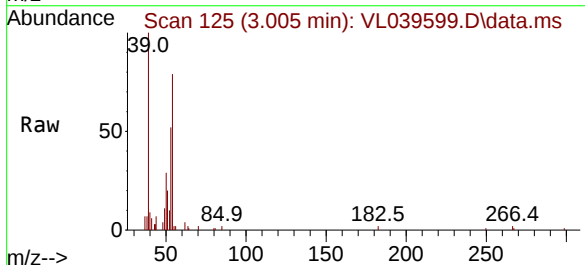
Tgt Ion: 43 Resp: 6162
Ion Ratio Lower Upper
43 100
58 31.4 21.0 31.6

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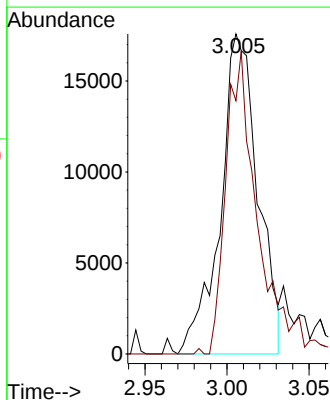
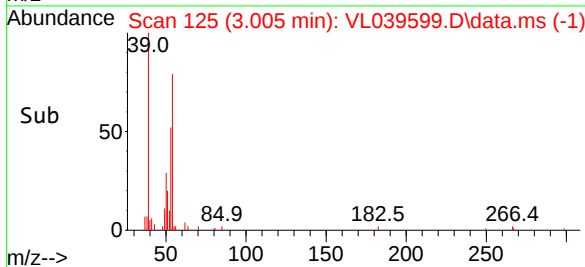
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

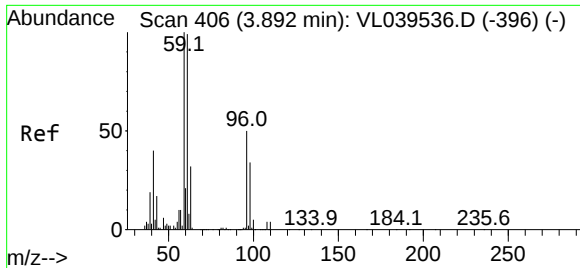


#16
1,3-Butadiene
Concen: 0.520 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



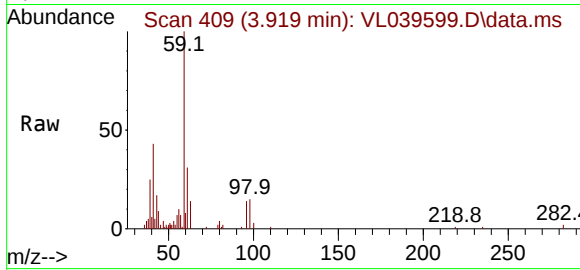
Tgt Ion: 39 Resp: 27842
Ion Ratio Lower Upper
39 100
54 83.0 63.7 95.5





#17
tert-Butyl alcohol
Concen: 0.546 ppbv m
RT: 3.919 min Scan# 409
Delta R.T. 0.026 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

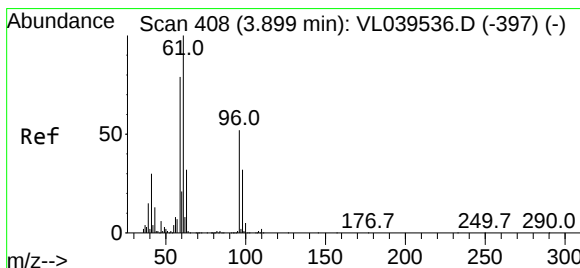
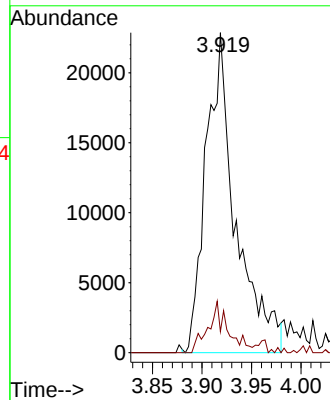
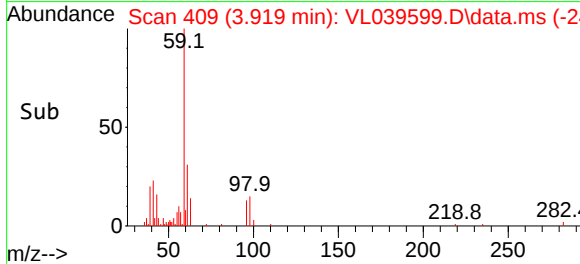
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



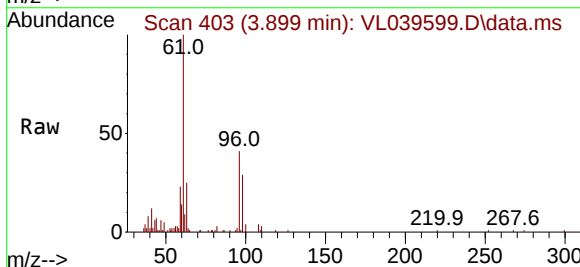
Tgt Ion: 59 Resp: 47764
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

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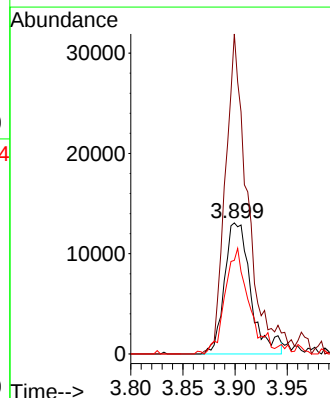
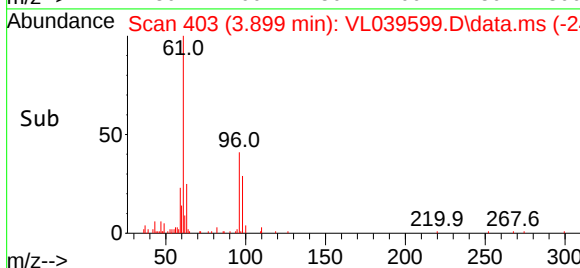
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

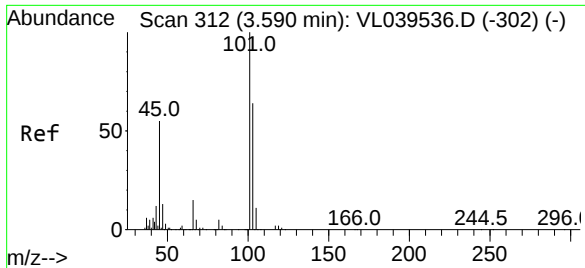


#18
1,1-Dichloroethene
Concen: 0.512 ppbv m
RT: 3.899 min Scan# 403
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



Tgt Ion: 96 Resp: 22801
Ion Ratio Lower Upper
96 100
61 244.1 152.2 228.4#
98 71.4 51.8 77.6





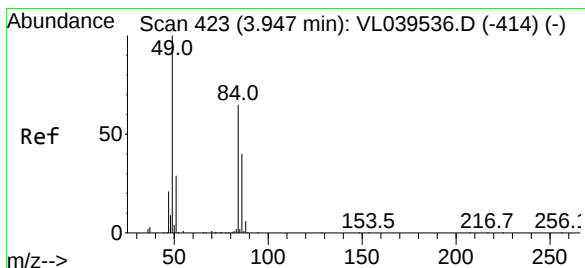
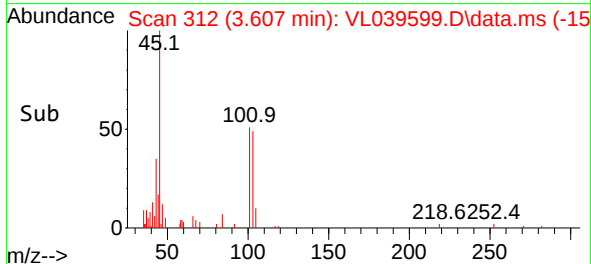
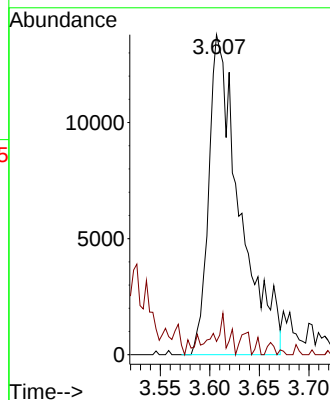
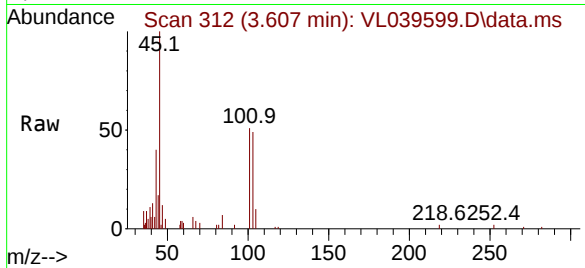
#19
Isopropyl Alcohol
Concen: 0.601 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.017 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

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

Tgt Ion: 45 Resp: 2996
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

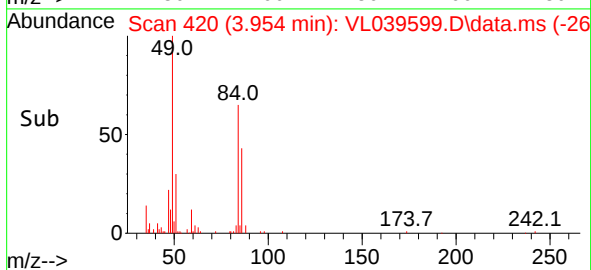
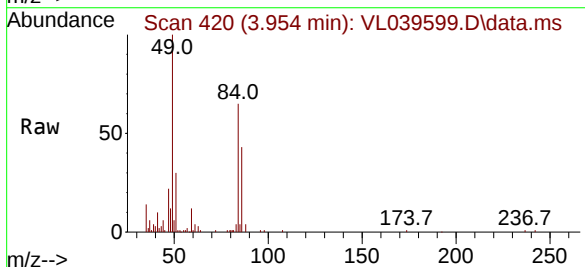
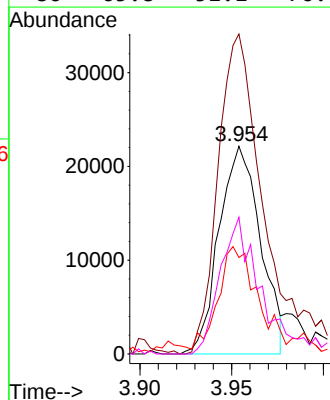
Manual Integrations
APPROVED

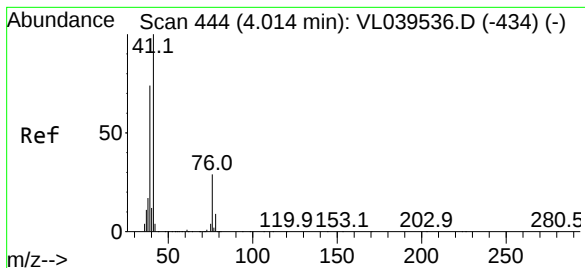
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#20
Methylene Chloride
Concen: 0.835 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

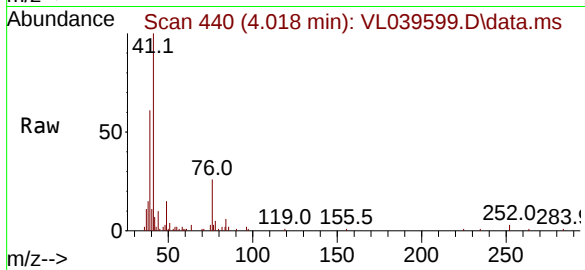
Tgt Ion: 84 Resp: 34805
Ion Ratio Lower Upper
84 100
49 154.0 123.1 184.7
51 42.6 34.4 51.6
86 65.8 51.1 76.7





#21
 Allyl Chloride
 Concen: 0.435 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

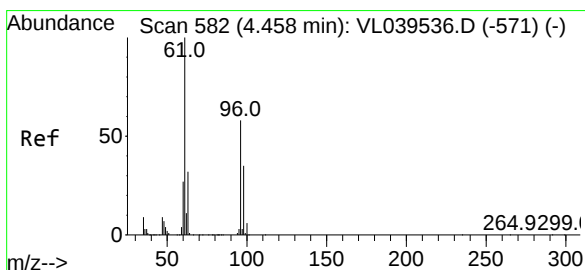
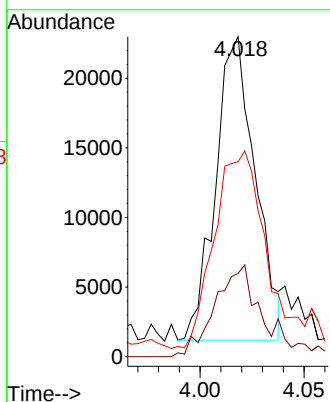
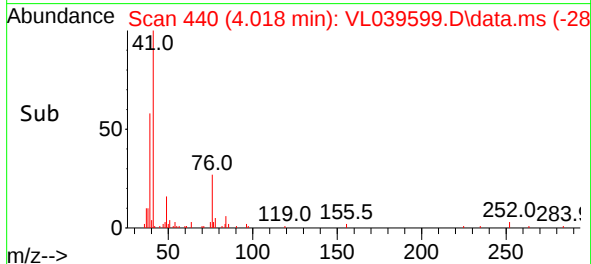
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 41 Resp: 2903
 Ion Ratio Lower Upper
 41 100
 76 37.2 24.4 36.6
 39 108.1 63.5 95.3

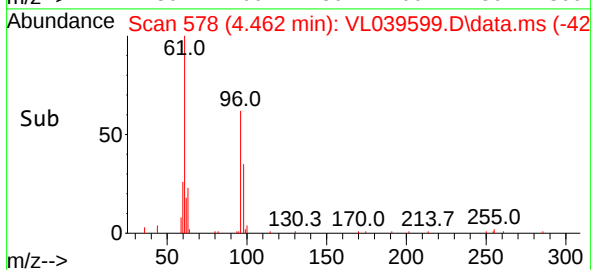
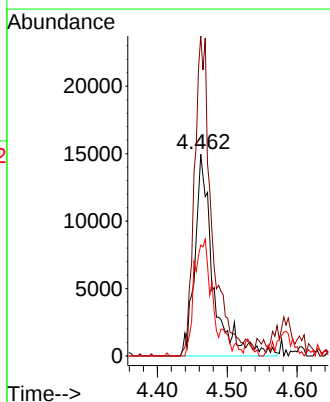
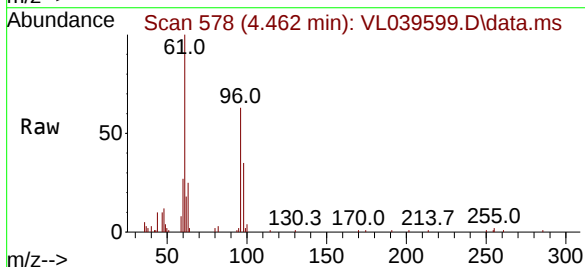
Manual Integrations
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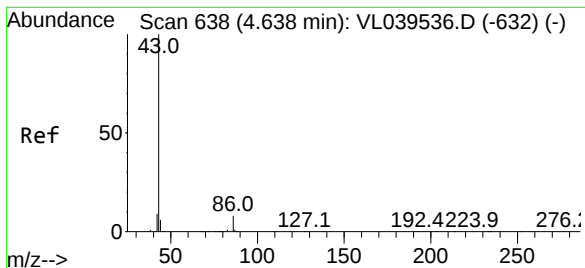
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.605 ppbv m
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

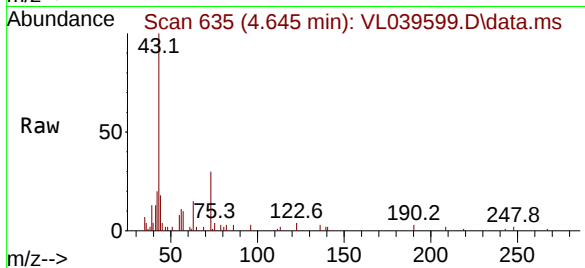
Tgt Ion: 96 Resp: 26794
 Ion Ratio Lower Upper
 96 100
 61 158.7 130.6 195.8
 98 55.0 53.4 80.0





#23
 Vinyl Acetate
 Concen: 0.436 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

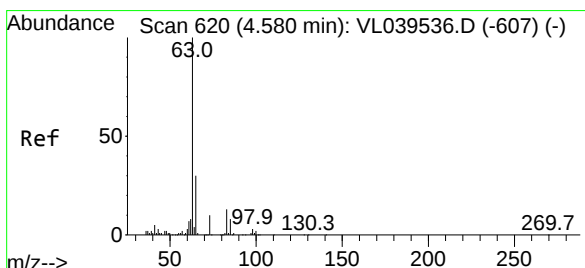
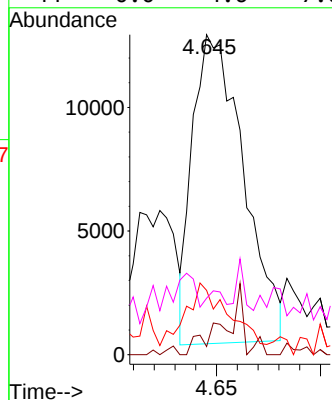
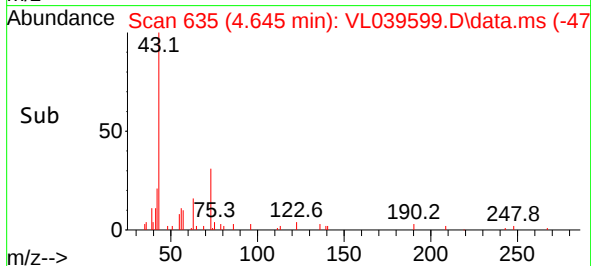
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion:	43	Resp:	2127
Ion Ratio	Lower	Upper	
43	100		
86	3.1	5.0	7.6
42	17.3	7.7	11.5
44	0.0	4.6	7.0

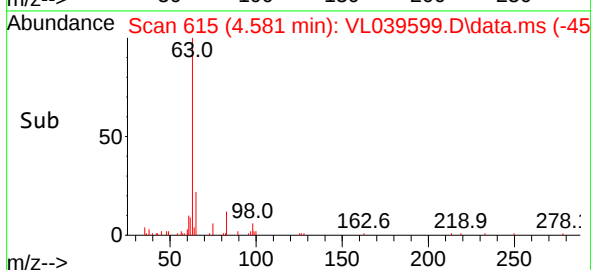
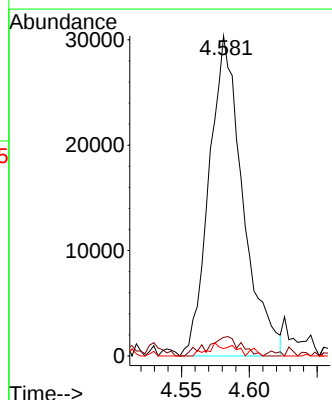
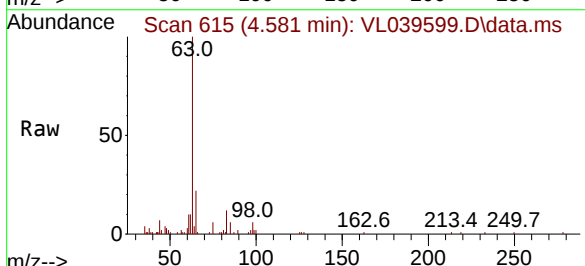
Manual Integrations
 APPROVED

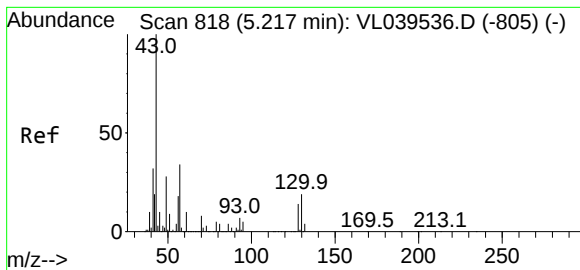
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#24
 1,1-Dichloroethane
 Concen: 0.580 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

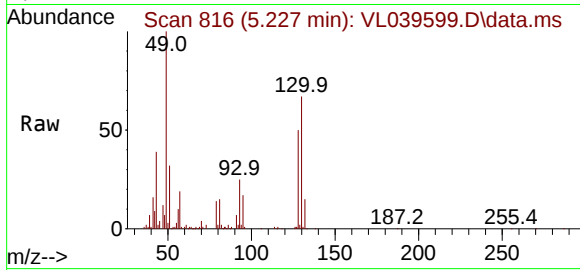
Tgt Ion:	63	Resp:	52345
Ion Ratio	Lower	Upper	
63	100		
98	5.8	1.8	5.3
100	2.3	1.5	4.4





#25
Ethyl Acetate
Concen: 0.488 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

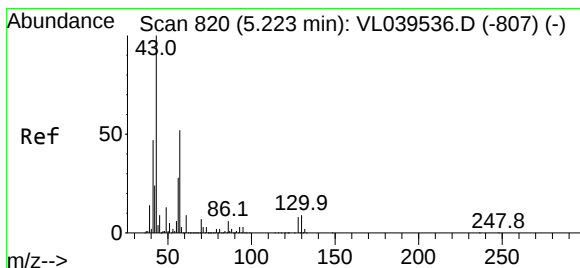
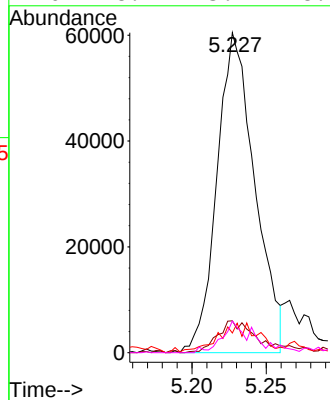
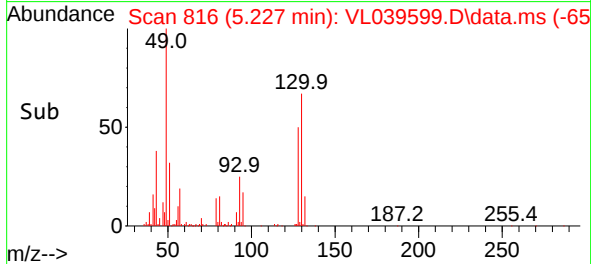
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 43	Resp: 10703
Ion Ratio	Lower Upper
43 100	
45 12.5	8.2 12.4
61 12.7	8.3 12.5
70 8.2	5.9 8.9

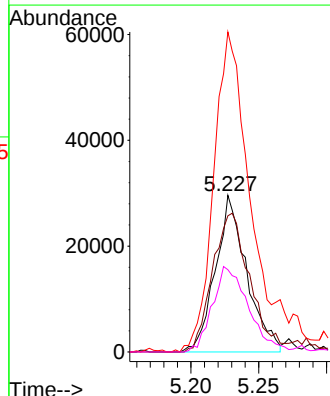
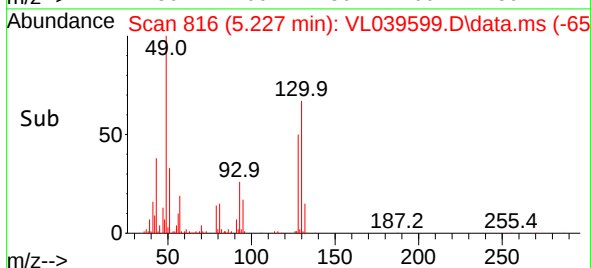
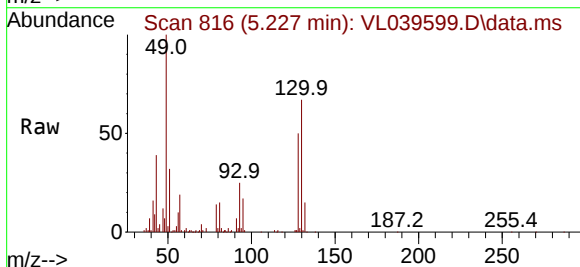
Manual Integrations
APPROVED

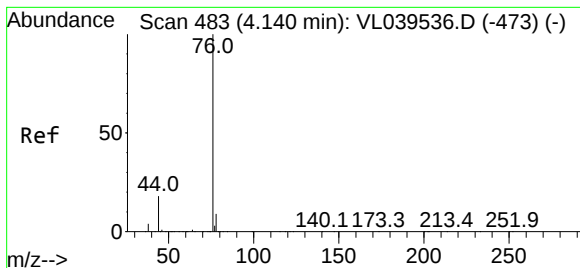
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#26
Hexane
Concen: 0.531 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 57	Resp: 47546
Ion Ratio	Lower Upper
57 100	
41 113.2	76.9 115.3
43 267.9	191.0 286.6
56 65.7	43.2 64.8





#27

Carbon Disulfide

Concen: 0.369 ppbv

RT: 4.147 min Scan# 483

Delta R.T. 0.007 min

Lab File: VL039599.D

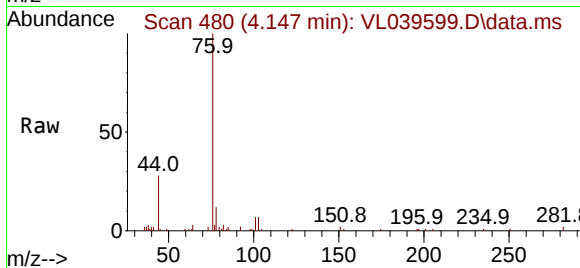
Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



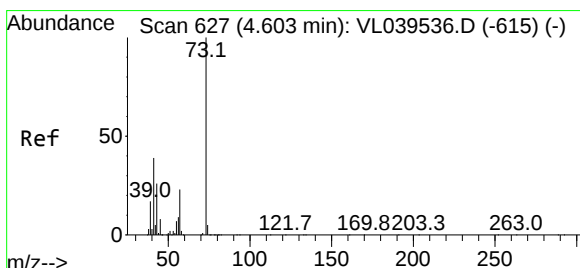
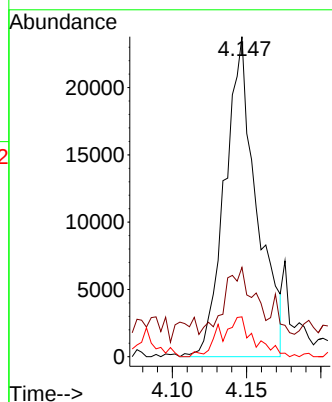
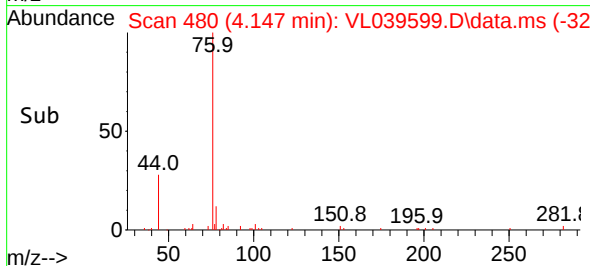
Tgt Ion: 76 Resp: 35264

Ion	Ratio	Lower	Upper
76	100		
44	40.3	14.6	21.8
78	13.5	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: 0.433 ppbv

RT: 4.613 min Scan# 625

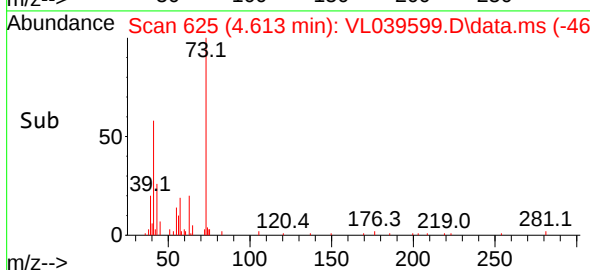
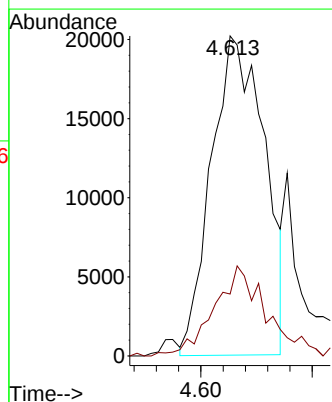
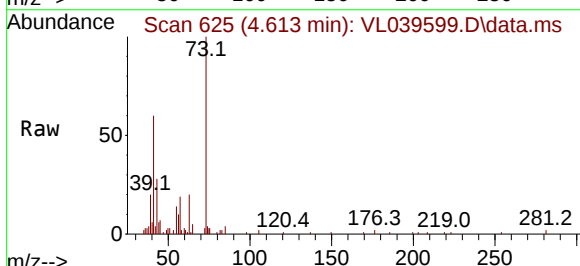
Delta R.T. 0.010 min

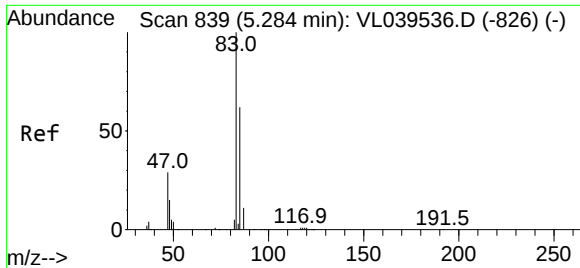
Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Tgt Ion: 73 Resp: 33469

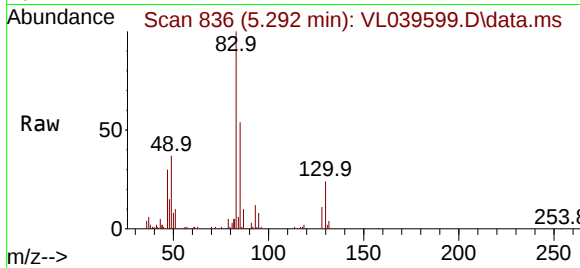
Ion	Ratio	Lower	Upper
73	100		
57	28.0	19.8	29.8





#29
Chloroform
Concen: 0.560 ppbv m
RT: 5.292 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

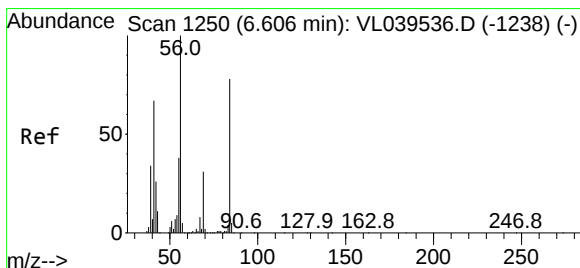
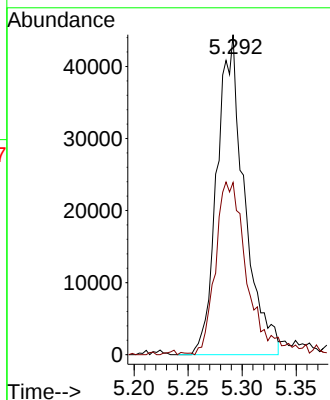
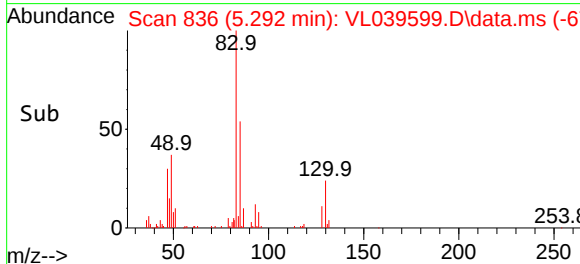
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 83 Resp: 7840
Ion Ratio Lower Upper
83 100
85 53.8 52.8 79.2

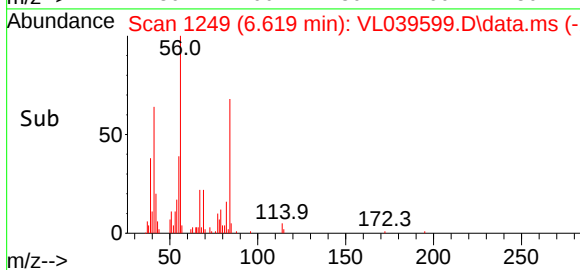
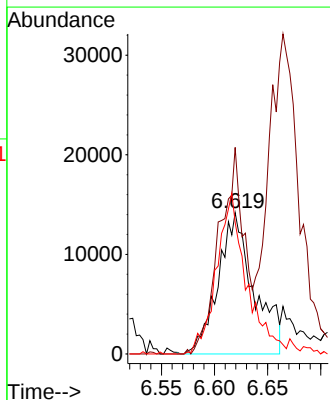
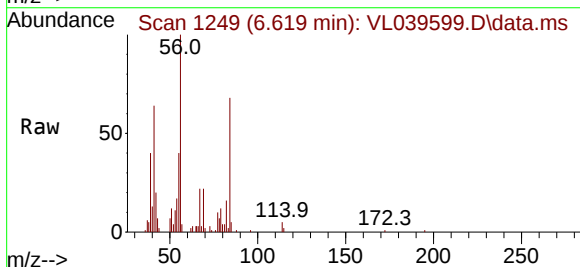
Manual Integrations
APPROVED

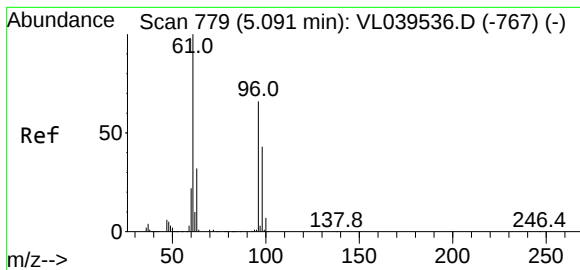
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#30
Cyclohexane
Concen: 0.448 ppbv m
RT: 6.619 min Scan# 1249
Delta R.T. 0.014 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

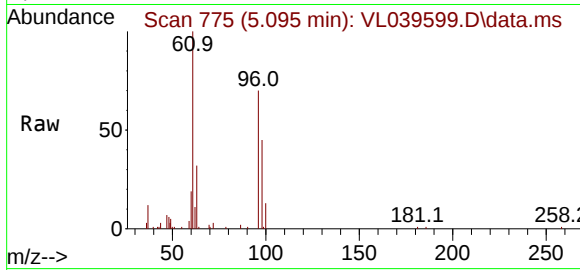
Tgt Ion: 84 Resp: 33225
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#





#31
cis-1,2-Dichloroethene
Concen: 0.432 ppbv
RT: 5.095 min Scan# 71
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

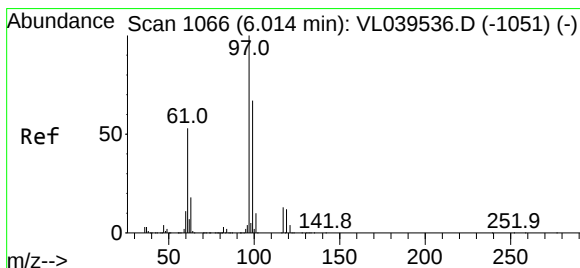
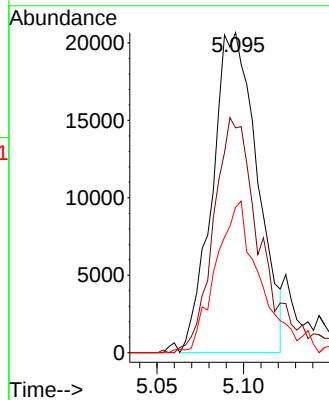
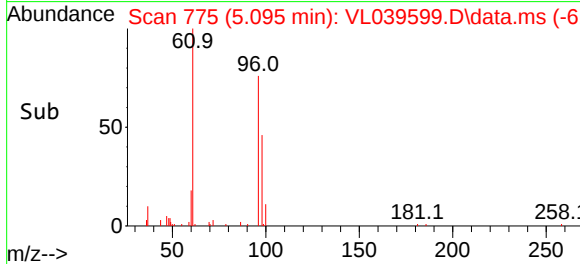
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 61 Resp: 3748
Ion Ratio Lower Upper
61 100
96 68.6 54.1 81.1
98 45.8 34.6 52.0

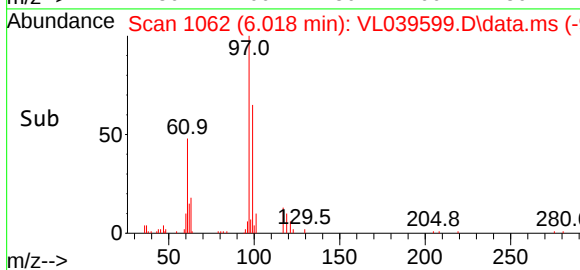
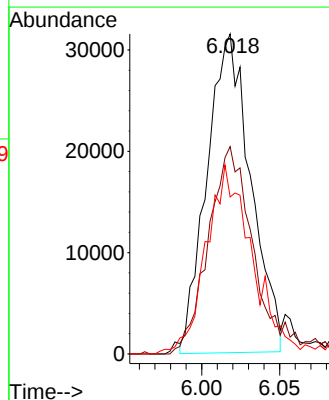
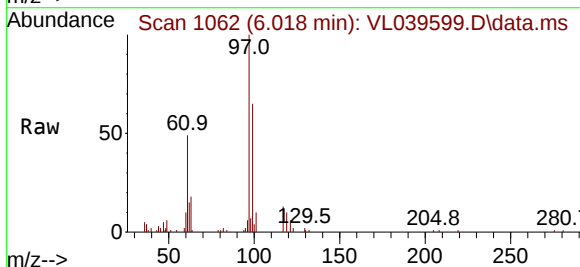
Manual Integrations
APPROVED

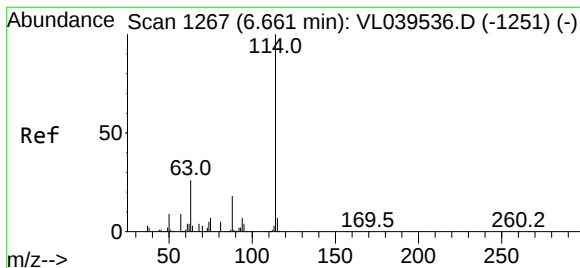
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#32
1,1,1-Trichloroethane
Concen: 0.499 ppbv
RT: 6.018 min Scan# 1062
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

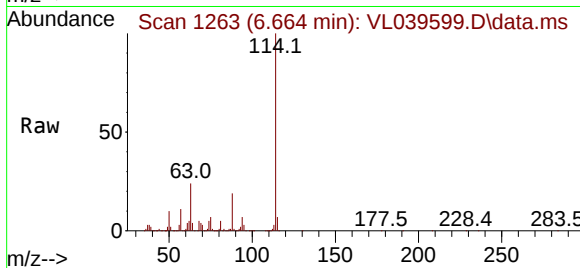
Tgt Ion: 97 Resp: 61511
Ion Ratio Lower Upper
97 100
99 68.7 52.3 78.5
61 63.2 40.9 61.3#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 11
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

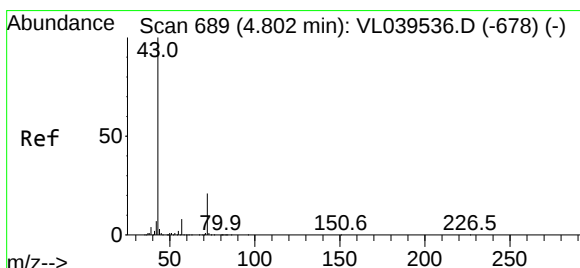
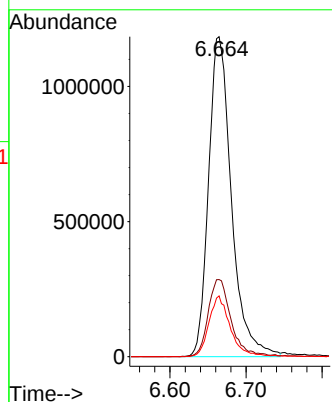
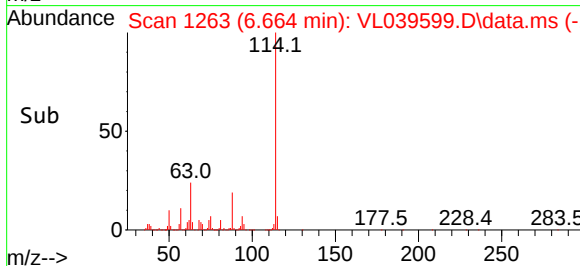
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:114 Resp: 247459
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.9 14.5 21.7

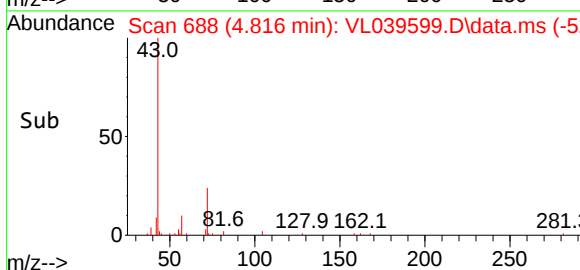
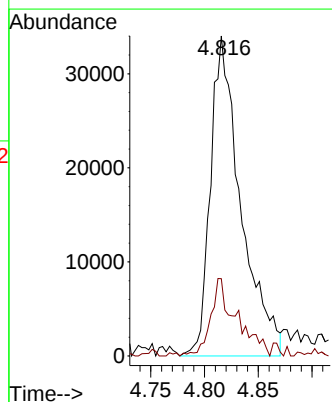
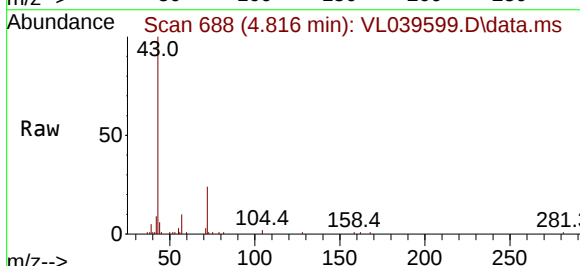
Manual Integrations
APPROVED

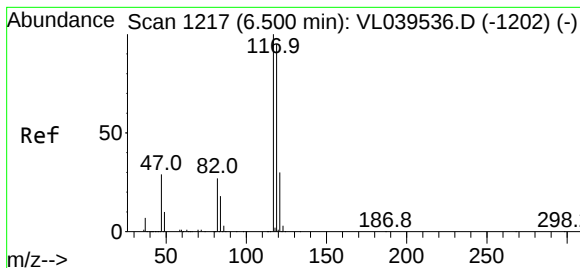
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#34
2-Butanone
Concen: 0.543 ppbv
RT: 4.816 min Scan# 688
Delta R.T. 0.014 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 43 Resp: 66782
Ion Ratio Lower Upper
43 100
72 22.2 17.9 26.9





#35

Carbon Tetrachloride

Concen: 0.504 ppbv

RT: 6.504 min Scan# 117

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

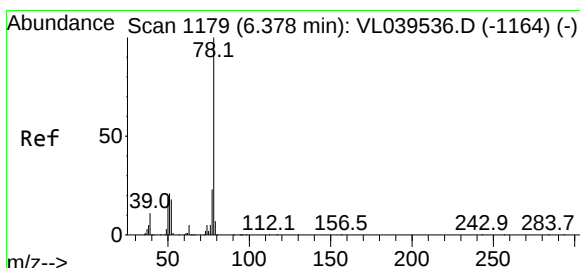
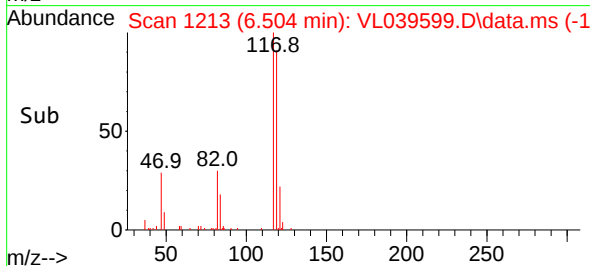
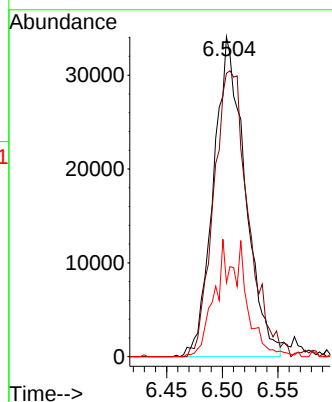
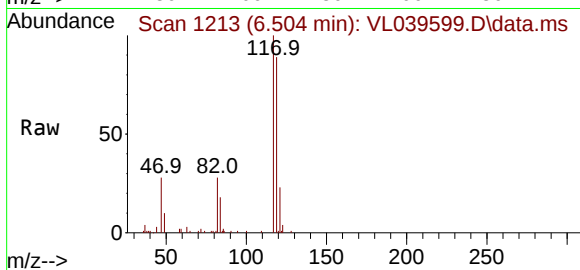
MDL-AIR-03-QT3-2022

Tgt Ion:	117	Resp:	6744
Ion	Ratio	Lower	Upper
117	100		
119	88.5	75.4	113.2
121	23.1	24.2	36.2

Manual Integrations

APPROVED

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



#36

Benzene

Concen: 0.459 ppbv m

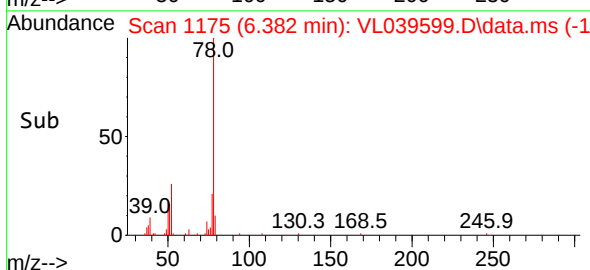
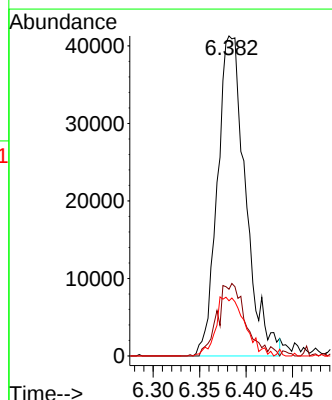
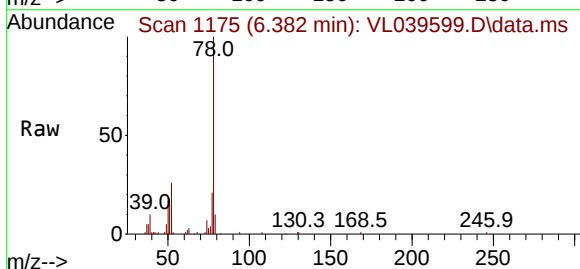
RT: 6.382 min Scan# 1175

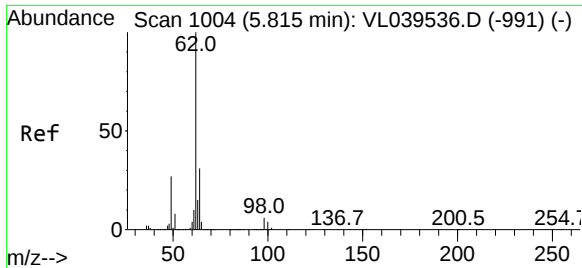
Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

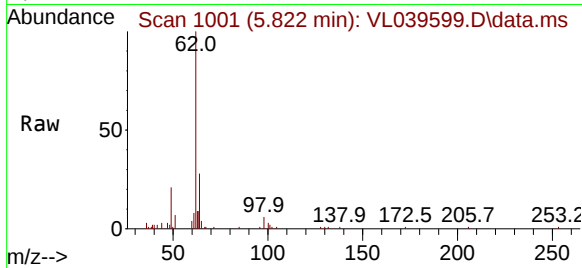
Tgt Ion:	78	Resp:	86578
Ion	Ratio	Lower	Upper
78	100		
77	20.8	20.3	30.5
50	17.2	15.5	23.3





#37
1,2-Dichloroethane
Concen: 0.519 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

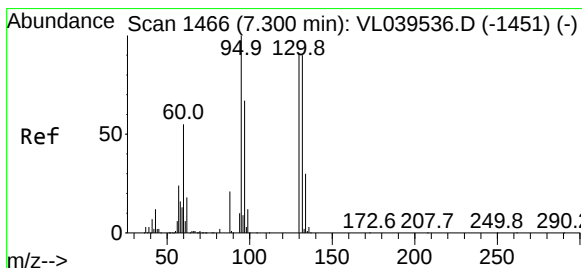
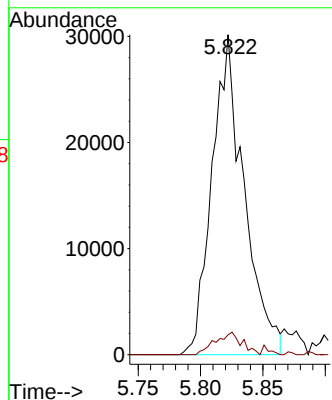
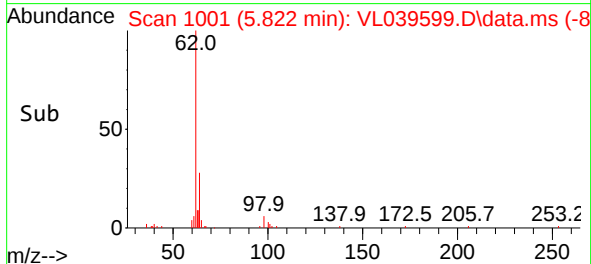
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



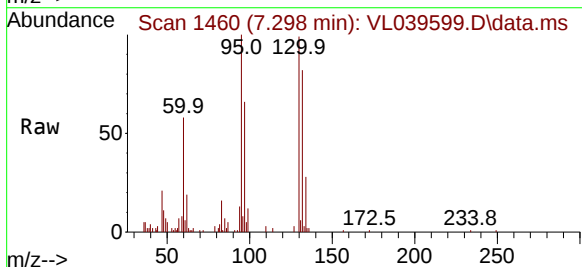
Tgt Ion: 62 Resp: 53970
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

Manual Integrations
APPROVED

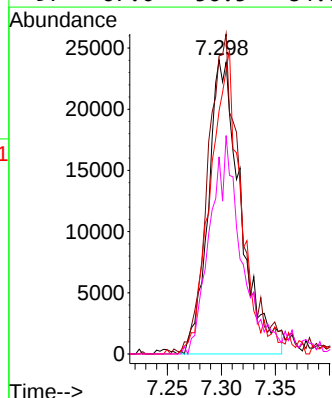
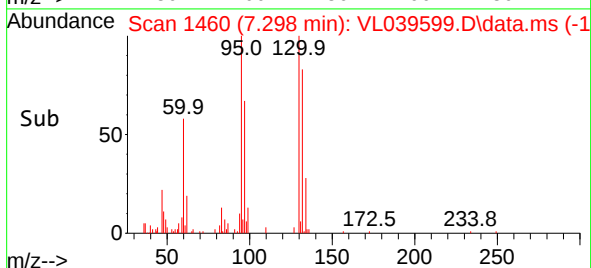
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

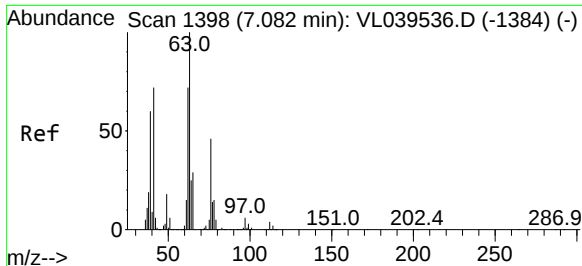


#38
Trichloroethene
Concen: 0.496 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



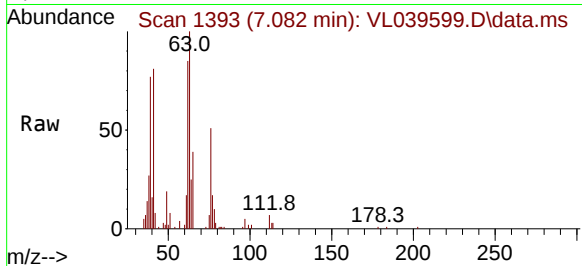
Tgt Ion:130 Resp: 50098
Ion Ratio Lower Upper
130 100
95 101.4 87.3 130.9
132 82.7 76.7 115.1
97 67.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 0.534 ppbv m
RT: 7.082 min Scan# 1398
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

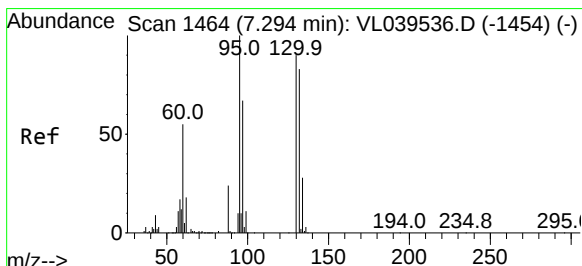
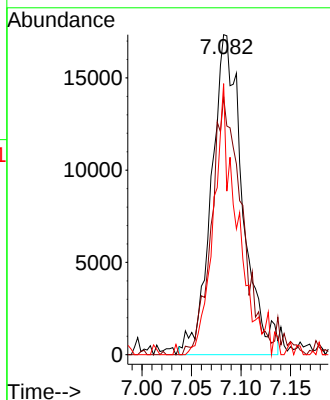
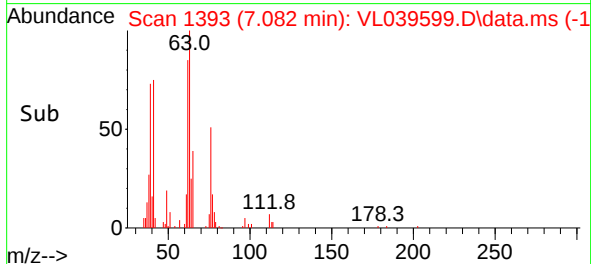
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 63 Resp: 3784
Ion Ratio Lower Upper
63 100
41 80.5 59.6 89.4
62 84.7 51.4 77.0

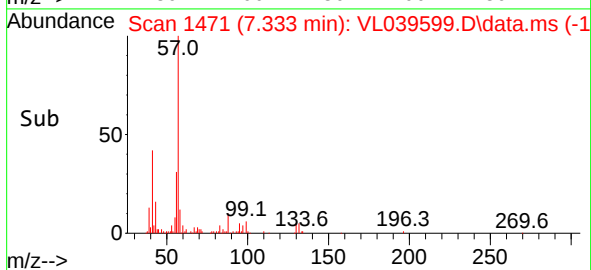
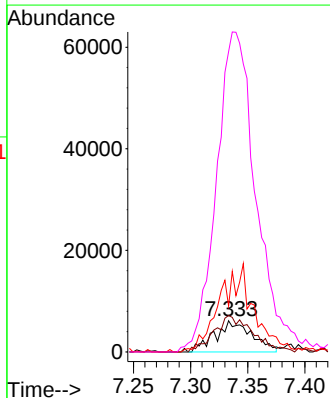
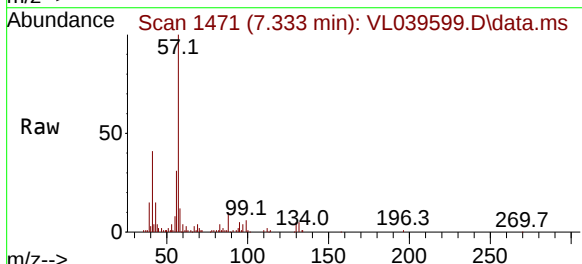
Manual Integrations
APPROVED

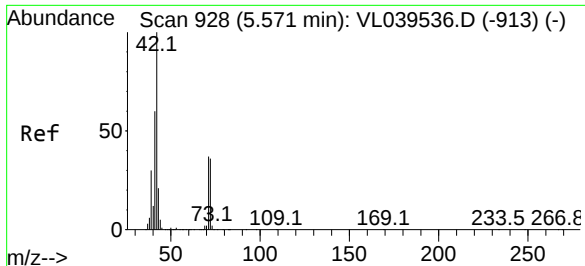
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#40
1,4-Dioxane
Concen: 0.499 ppbv m
RT: 7.333 min Scan# 1471
Delta R.T. 0.039 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 88 Resp: 13858
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#





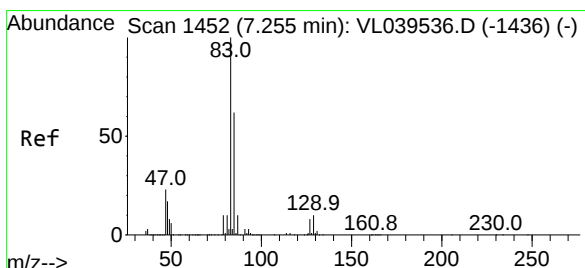
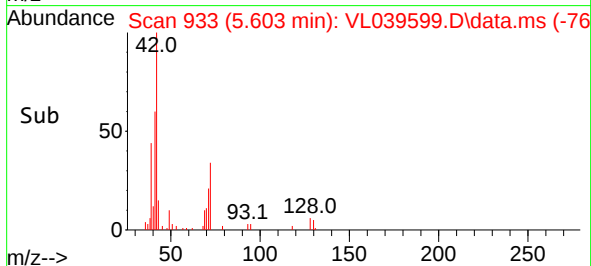
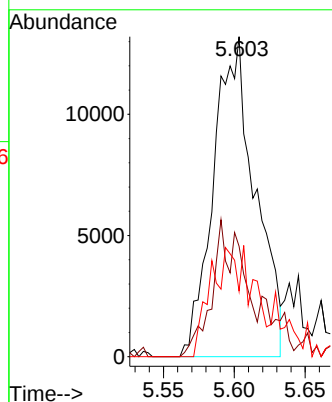
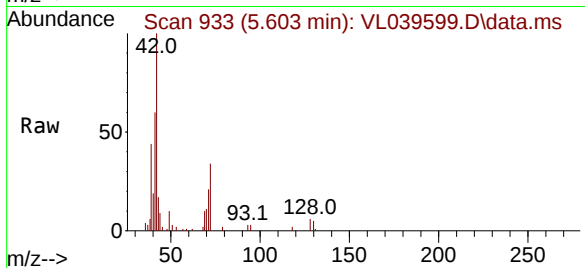
#41
Tetrahydrofuran
Concen: 0.368 ppbv
RT: 5.603 min Scan# 91
Delta R.T. 0.033 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

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

Tgt Ion: 42 Resp: 2703
Ion Ratio Lower Upper
42 100
72 41.8 31.8 47.8
71 43.7 31.8 47.8

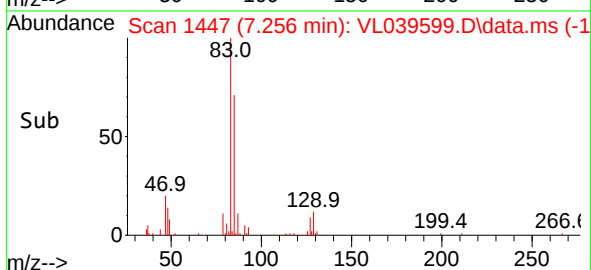
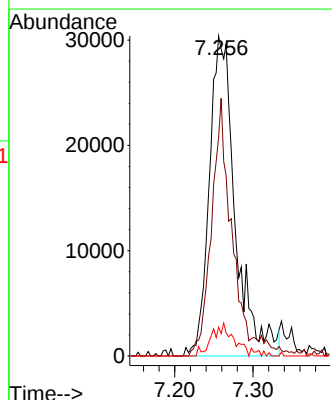
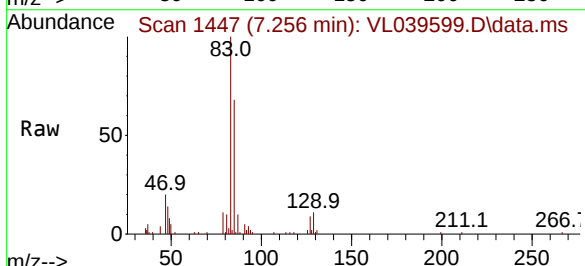
Manual Integrations
APPROVED

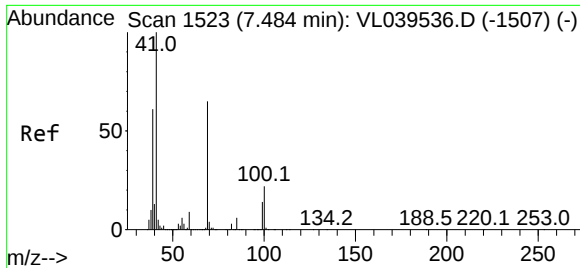
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#42
Bromodichloromethane
Concen: 0.493 ppbv m
RT: 7.256 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 83 Resp: 70150
Ion Ratio Lower Upper
83 100
85 68.2 50.7 76.1
127 9.0 6.6 9.8





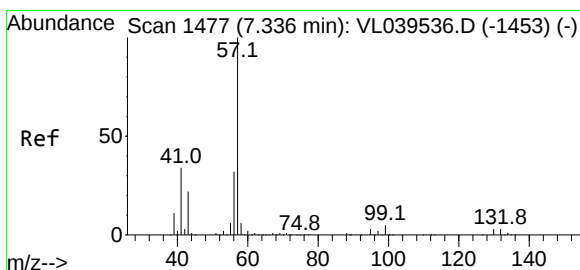
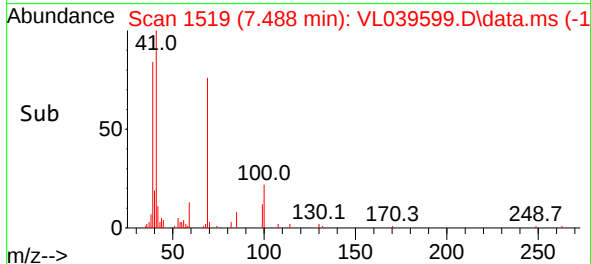
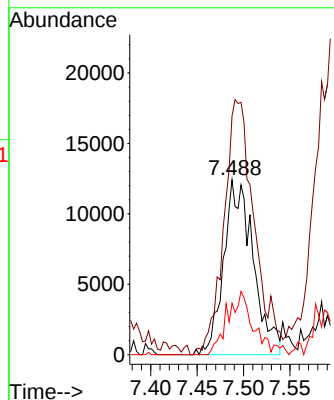
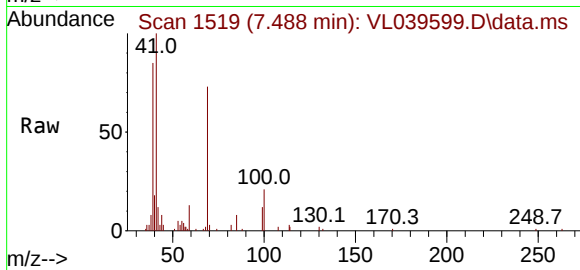
#43
Methyl Methacrylate
Concen: 0.403 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

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

Tgt Ion: 69 Resp: 2738
Ion Ratio Lower Upper
69 100
41 149.5 120.8 181.2
100 0.0 27.8 41.6

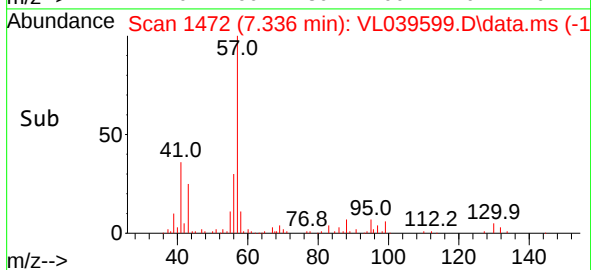
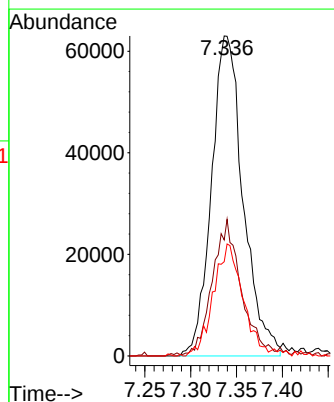
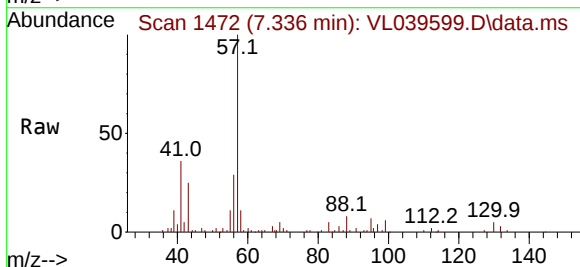
Manual Integrations
APPROVED

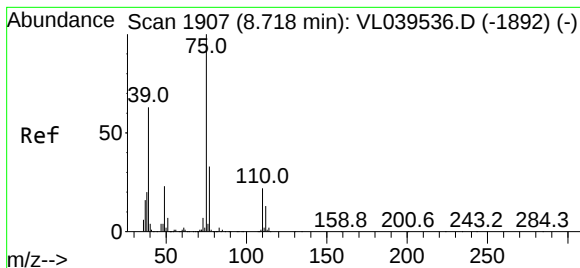
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#44
2,2,4-Trimethylpentane
Concen: 0.476 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 57 Resp: 151347
Ion Ratio Lower Upper
57 100
41 39.9 27.4 41.2
56 33.2 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 0.269 ppbv

RT: 8.719 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 75 Resp: 15940

Ion Ratio Lower Upper

75 100

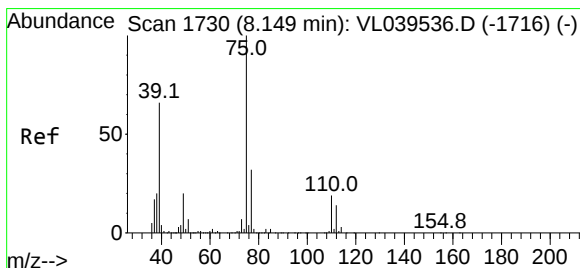
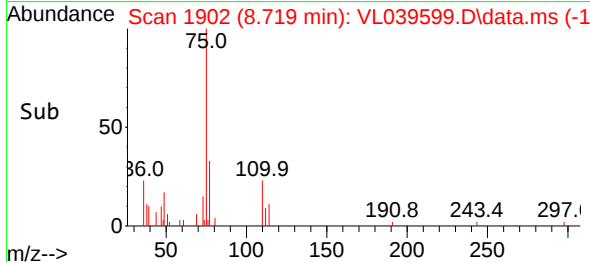
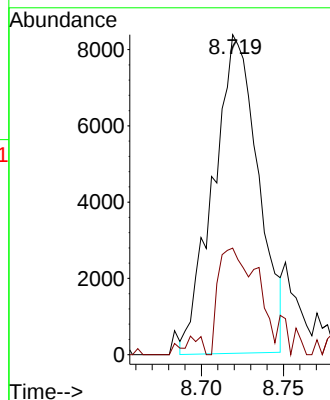
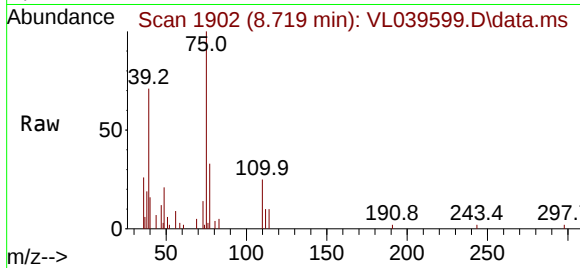
77 33.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#46

cis-1,3-Dichloropropene

Concen: 0.335 ppbv m

RT: 8.153 min Scan# 1726

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

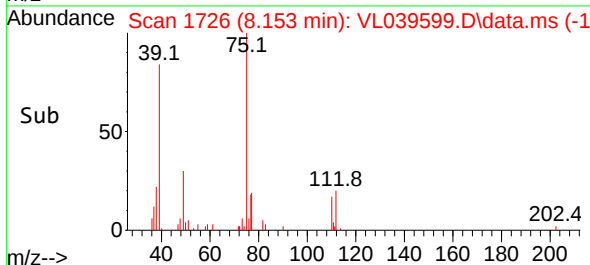
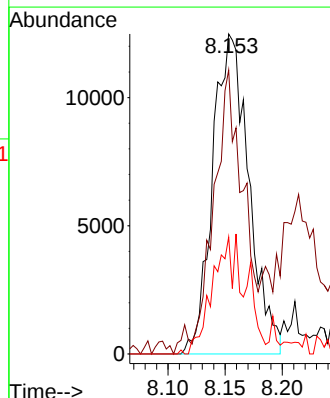
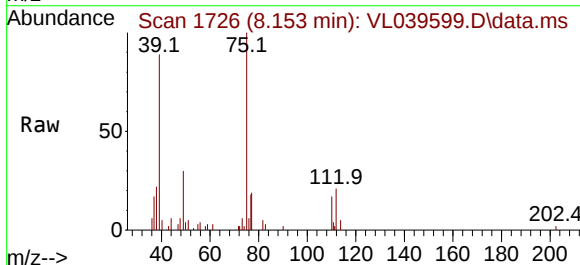
Tgt Ion: 75 Resp: 27458

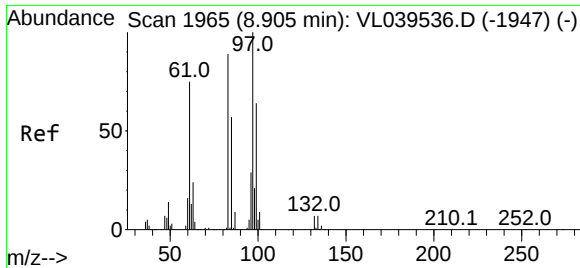
Ion Ratio Lower Upper

75 100

39 88.7 55.0 82.4#

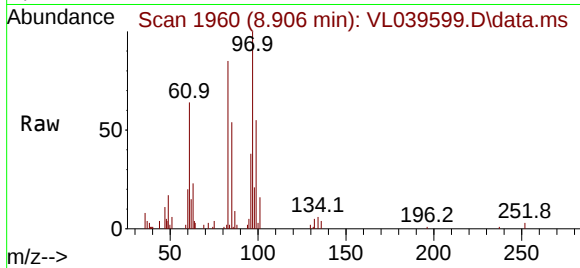
77 19.0 25.7 38.5#





#47
1,1,2-Trichloroethane
Concen: 0.497 ppbv m
RT: 8.906 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

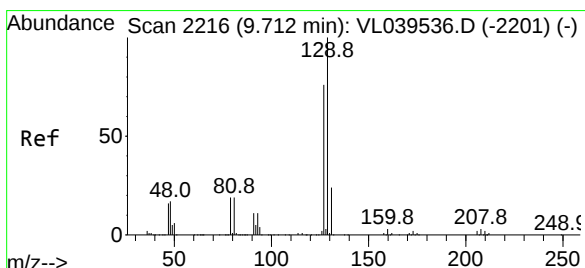
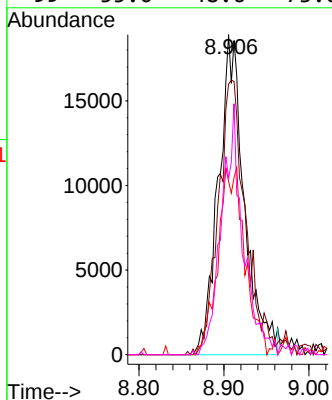
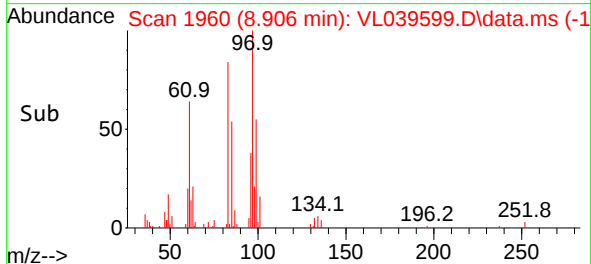
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 97 Resp: 40218
Ion Ratio Lower Upper
97 100
83 84.6 67.4 101.0
85 54.2 45.1 67.7
99 55.0 48.6 73.0

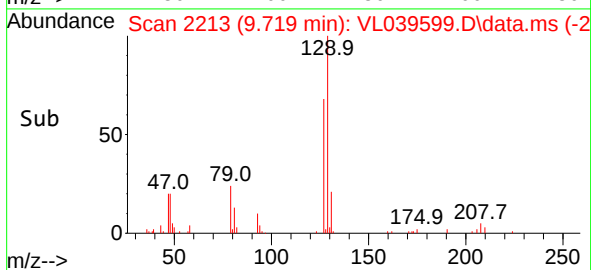
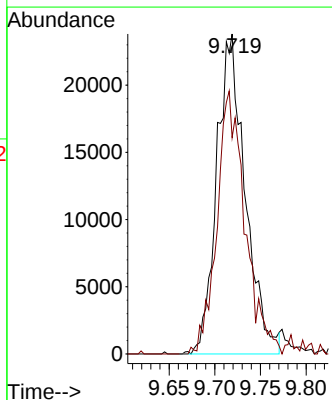
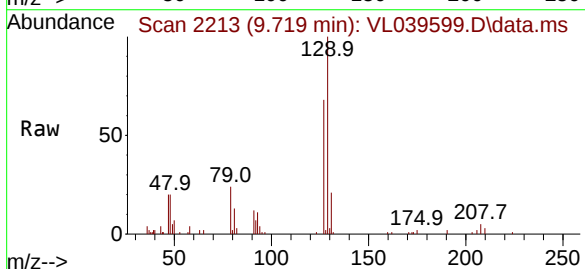
Manual Integrations
APPROVED

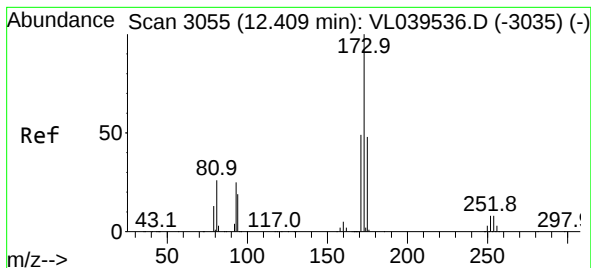
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#48
Dibromochloromethane
Concen: 0.432 ppbv m
RT: 9.719 min Scan# 2213
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:129 Resp: 51587
Ion Ratio Lower Upper
129 100
127 82.1 39.3 117.9





#49

Bromoform

Concen: 0.388 ppbv m

RT: 12.413 min Scan# 3055

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

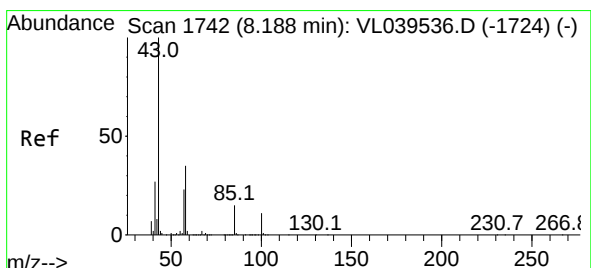
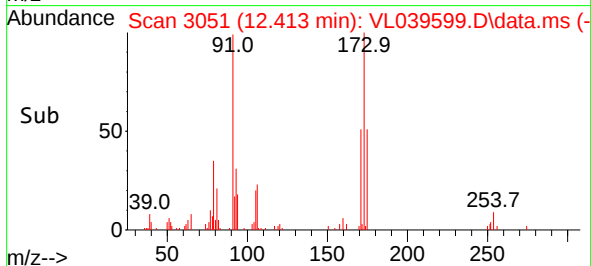
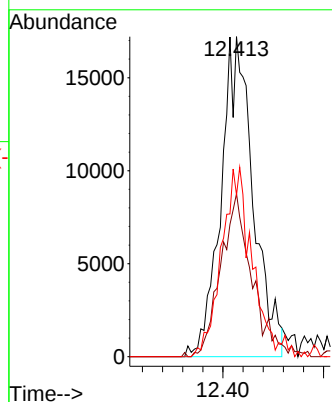
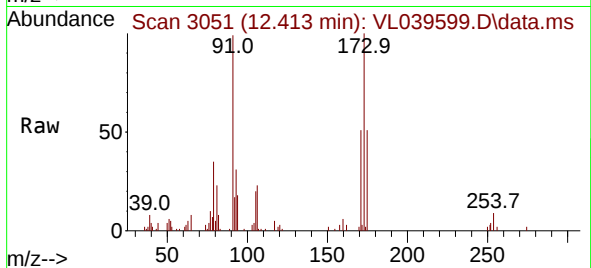
MDL-AIR-03-QT3-2022

Tgt Ion: 173	Resp: 3835
Ion Ratio	Lower Upper
173 100	
175 49.7	40.3 60.5
171 56.7	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: 0.368 ppbv

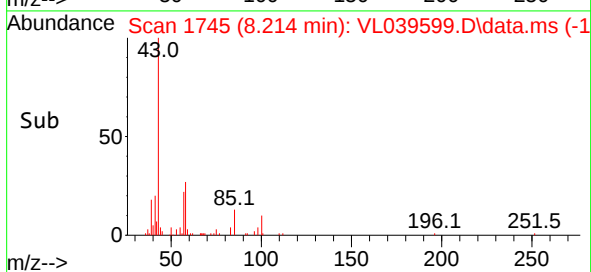
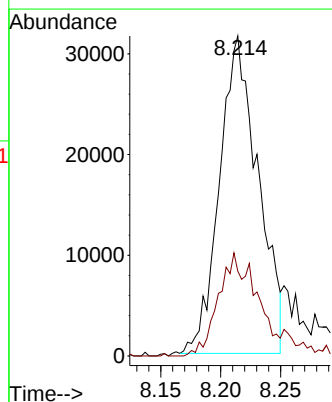
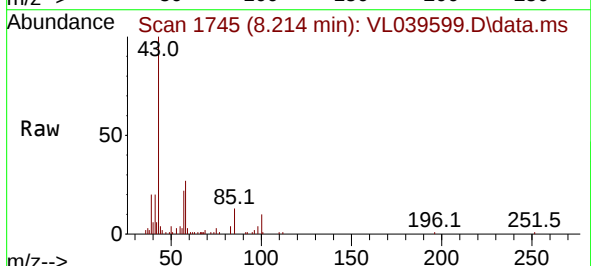
RT: 8.214 min Scan# 1745

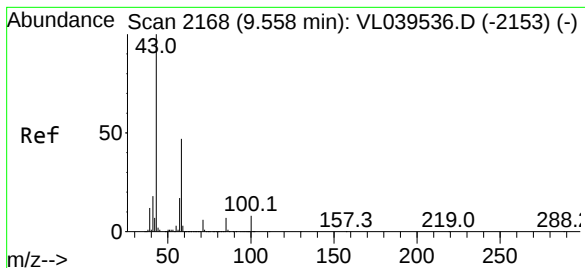
Delta R.T. 0.026 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

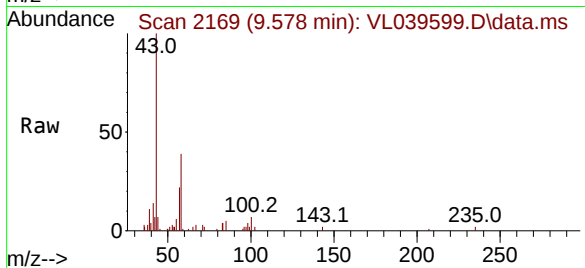
Tgt Ion: 43	Resp: 70611
Ion Ratio	Lower Upper
43 100	
58 36.1	28.8 43.2





#51
2-Hexanone
Concen: 0.350 ppbv m
RT: 9.578 min Scan# 2168
Delta R.T. 0.020 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

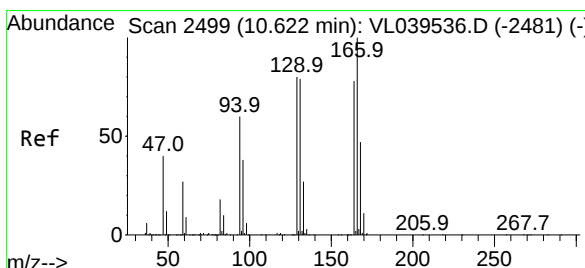
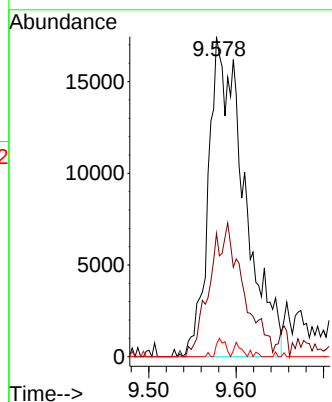
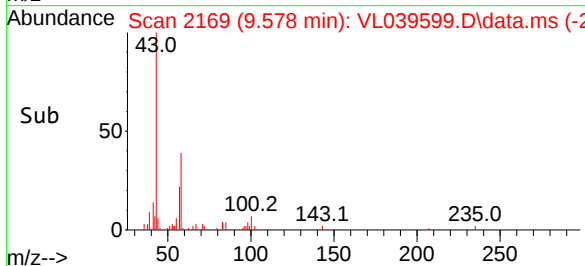
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 49302
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6
98 2.6 0.3 0.5

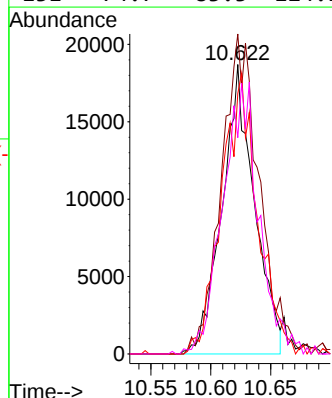
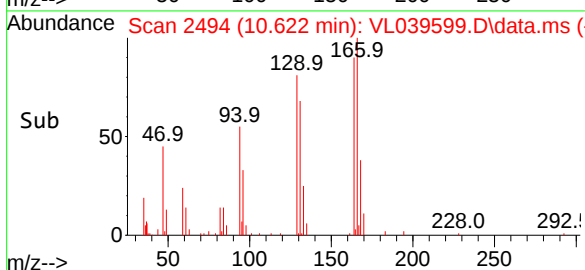
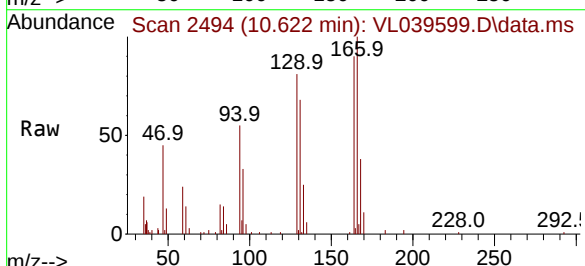
Manual Integrations
APPROVED

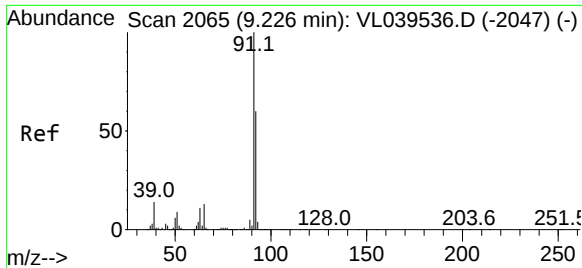
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#52
Tetrachloroethene
Concen: 0.488 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

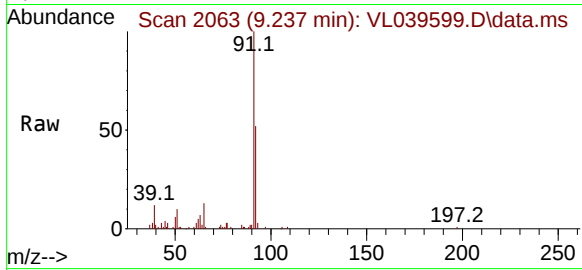
Tgt Ion:164 Resp: 34833
Ion Ratio Lower Upper
164 100
166 110.6 102.2 153.2
129 90.0 85.8 128.8
131 74.7 83.3 124.9





#53
Toluene
Concen: 0.366 ppbv m
RT: 9.237 min Scan# 2063
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

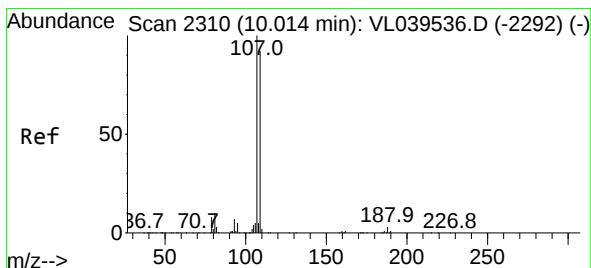
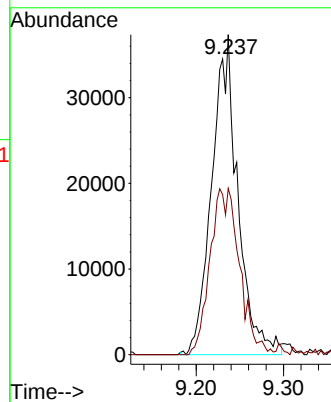
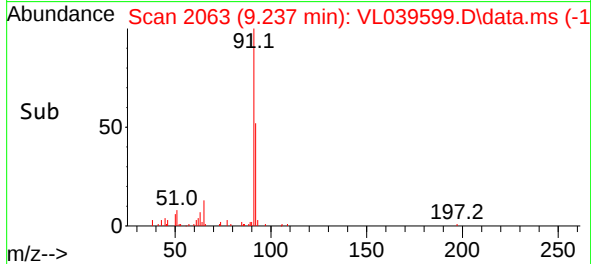
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 91 Resp: 77179
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

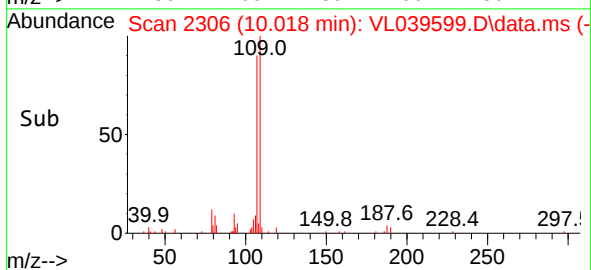
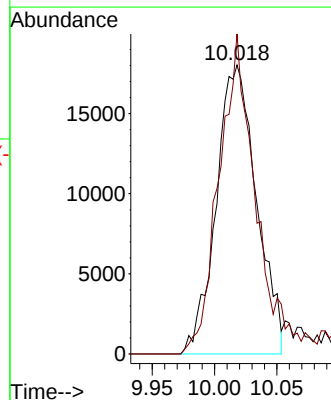
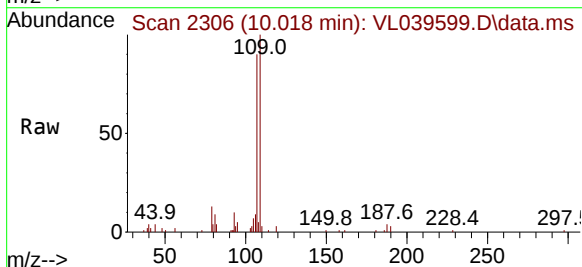
Manual Integrations
APPROVED

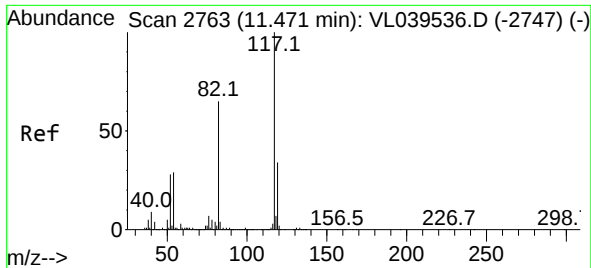
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#54
1,2-Dibromoethane
Concen: 0.448 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

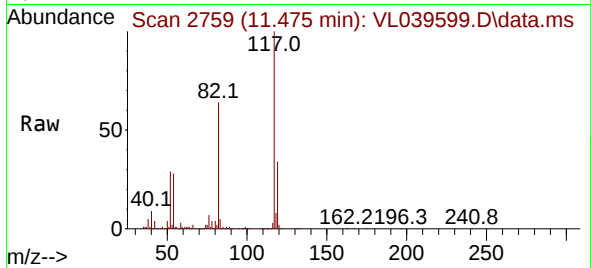
Tgt Ion:107 Resp: 40596
Ion Ratio Lower Upper
107 100
109 110.7 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2172209
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

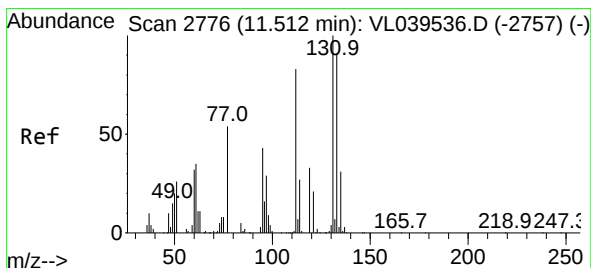
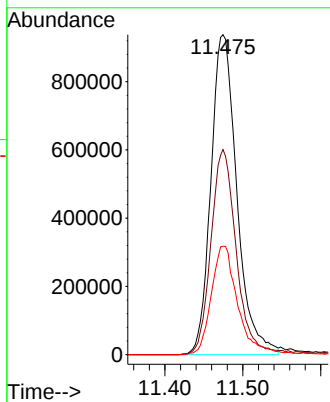
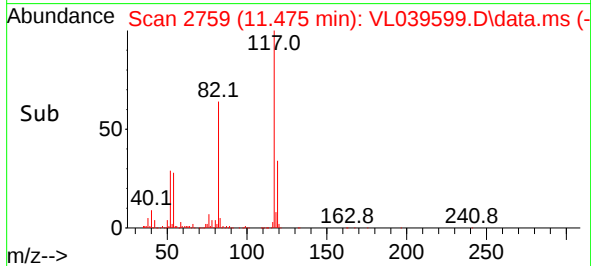
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:117 Resp: 2172209
Ion Ratio Lower Upper
117 100
82 63.8 50.8 76.2
119 35.0 24.1 36.1

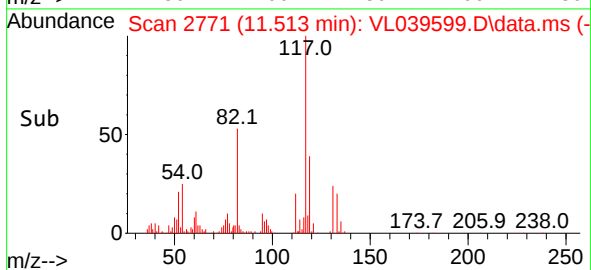
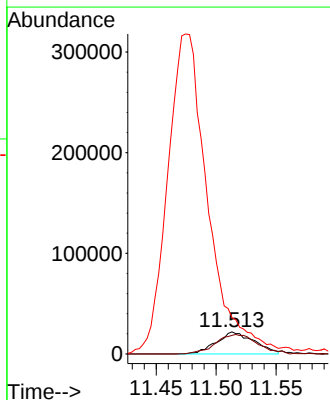
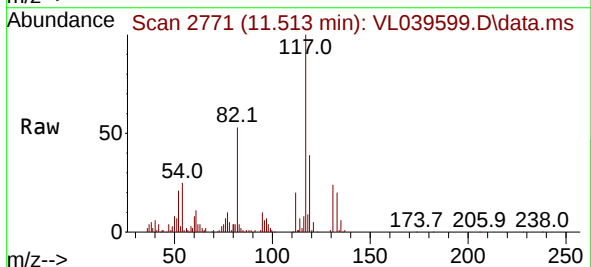
Manual Integrations
APPROVED

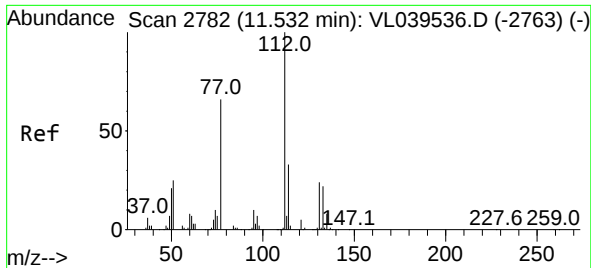
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.545 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:131 Resp: 48098
Ion Ratio Lower Upper
131 100
133 98.0 76.8 115.2
119 1580.6 46.2 69.4#





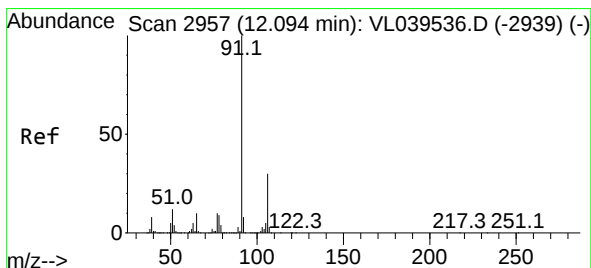
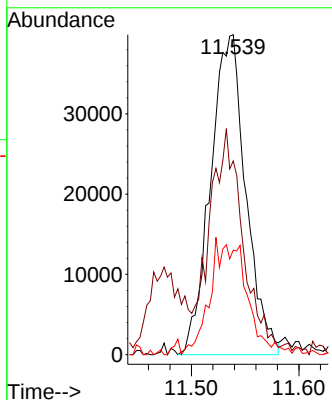
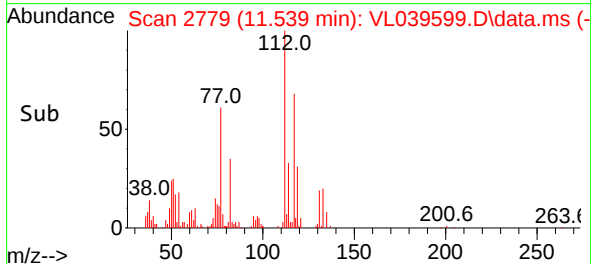
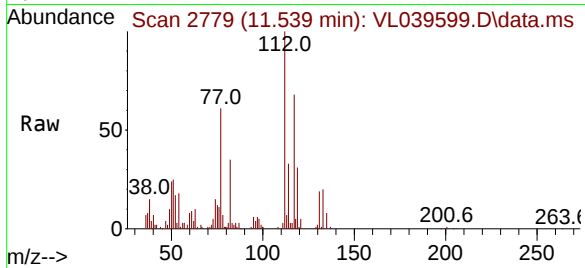
#57
Chlorobenzene
Concen: 0.561 ppbv
RT: 11.539 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

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

Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.3	51.0	76.4
114	29.5	27.5	33.6

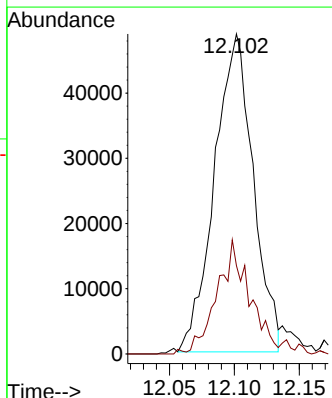
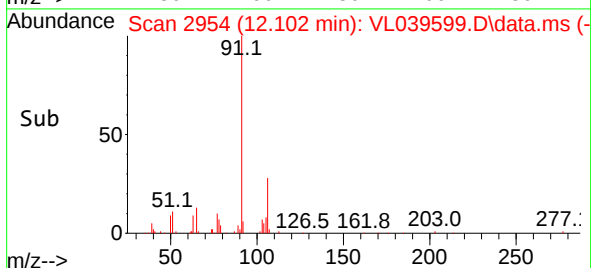
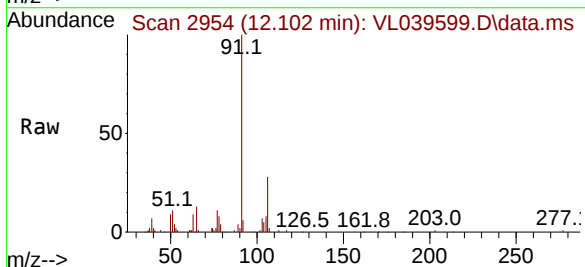
Manual Integrations
APPROVED

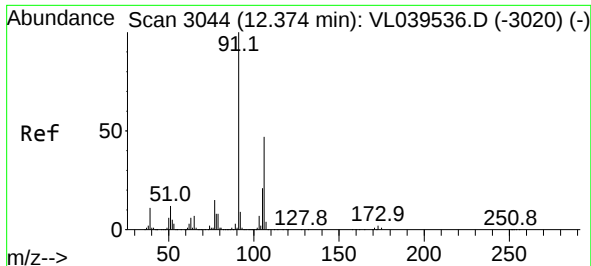
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#58
Ethyl Benzene
Concen: 0.404 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.3	25.4	38.0





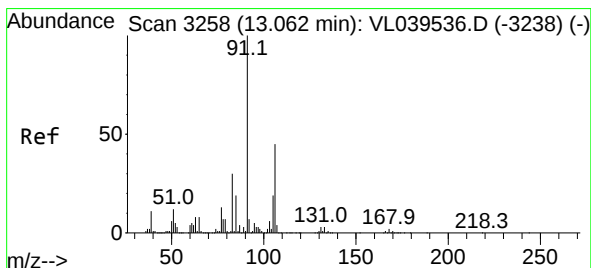
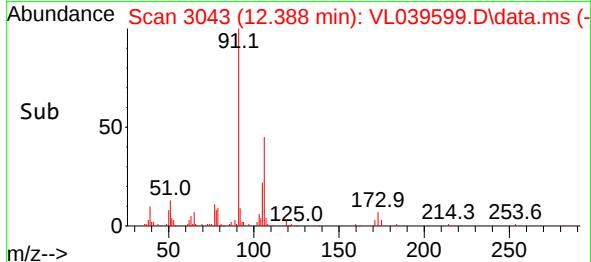
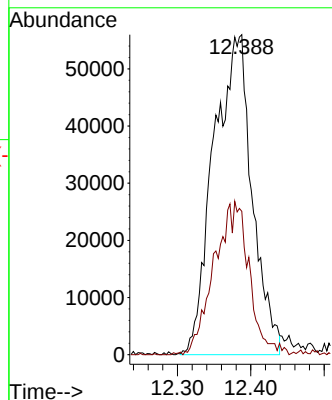
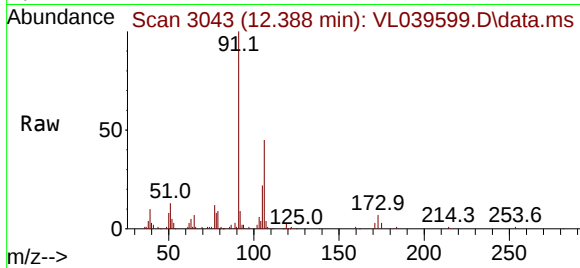
#59
m/p-Xylene
Concen: 0.912 ppbv m
RT: 12.388 min Scan# 3043
Delta R.T. 0.014 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

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

Tgt Ion: 91 Resp: 204158
Ion Ratio Lower Upper
91 100
106 44.1 35.4 53.2

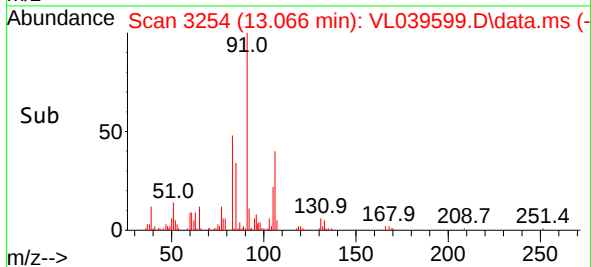
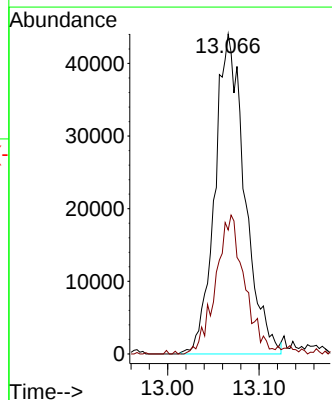
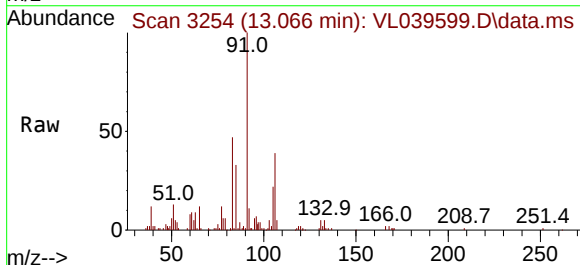
Manual Integrations
APPROVED

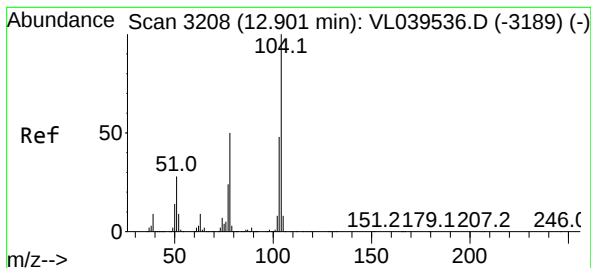
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#60
o-Xylene
Concen: 0.466 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 91 Resp: 100215
Ion Ratio Lower Upper
91 100
106 43.4 22.4 67.3





#61

Styrene

Concen: 0.328 ppbv m

RT: 12.905 min Scan# 3189

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

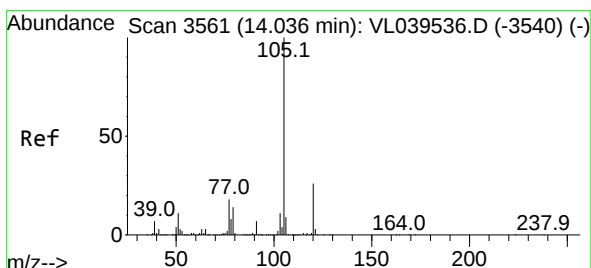
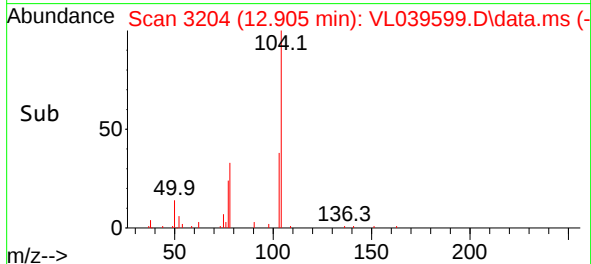
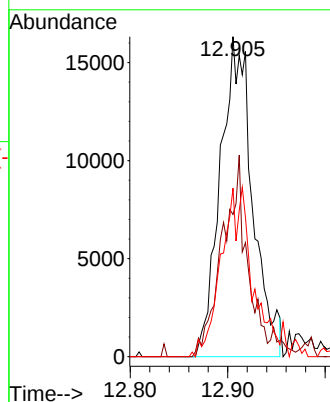
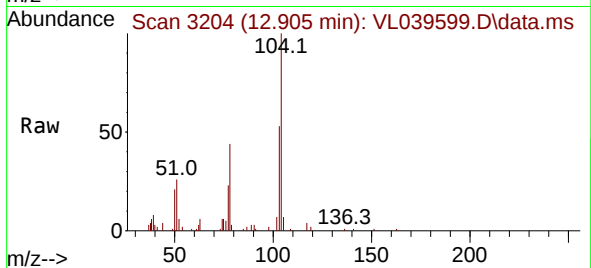
MDL-AIR-03-QT3-2022

Tgt Ion:104 Resp: 37584
 Ion Ratio Lower Upper
 104 100
 78 0.0 41.2 61.8
 103 0.0 38.7 58.1

Manual Integrations

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



#62

Isopropylbenzene

Concen: 0.502 ppbv

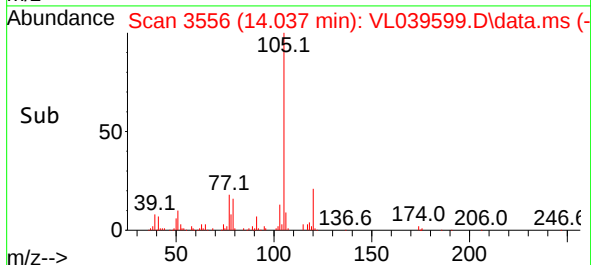
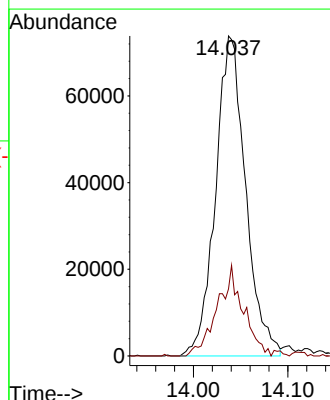
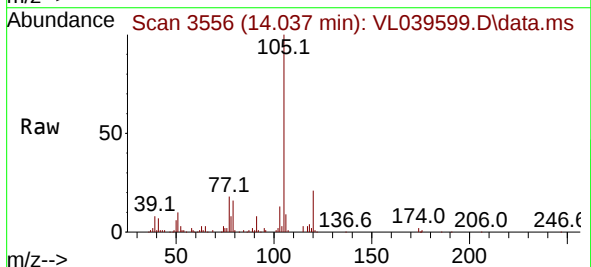
RT: 14.037 min Scan# 3556

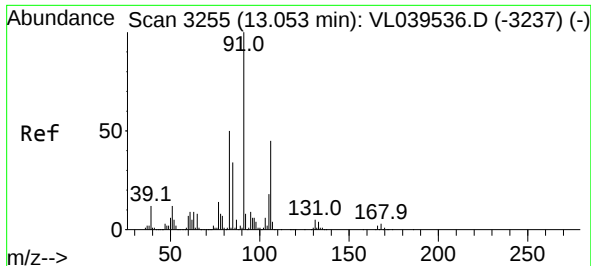
Delta R.T. 0.001 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

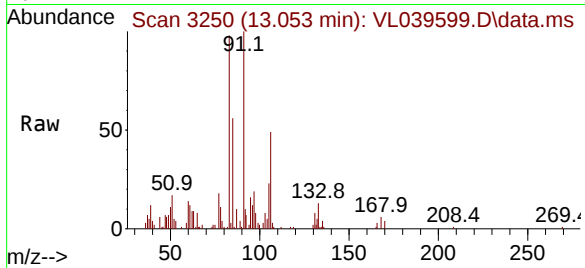
Tgt Ion:105 Resp: 163136
 Ion Ratio Lower Upper
 105 100
 120 25.5 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.565 ppbv m
RT: 13.053 min Scan# 3255
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

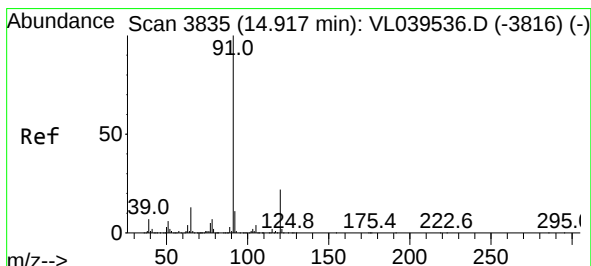
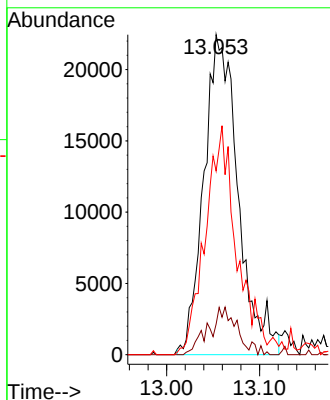
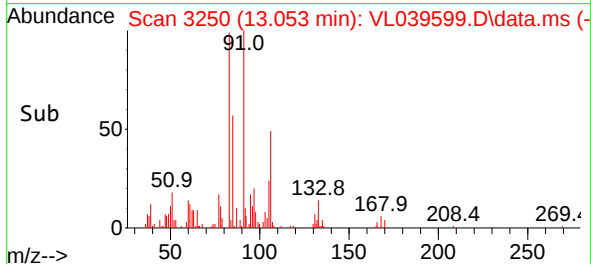
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



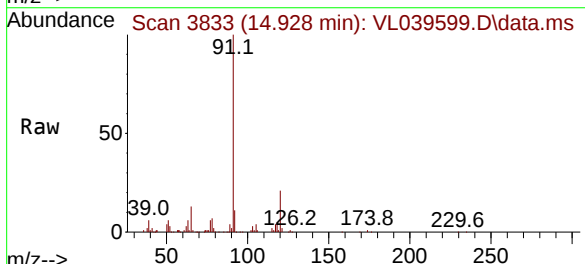
Tgt Ion: 83 Resp: 5753
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8
85 0.0 33.1 99.5

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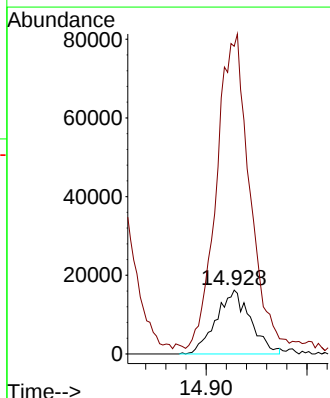
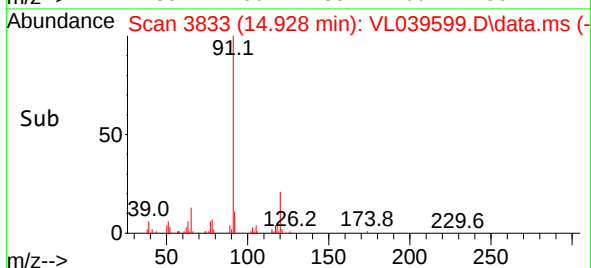
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

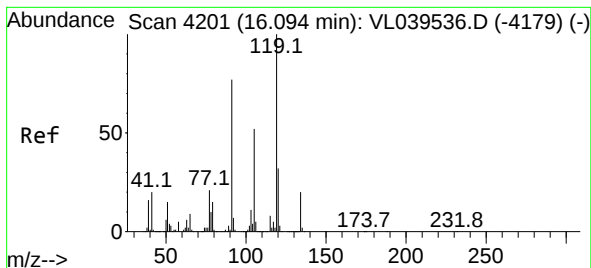


#64
n-propylbenzene
Concen: 0.454 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



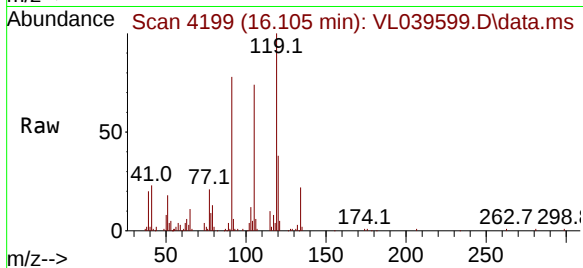
Tgt Ion:120 Resp: 38361
Ion Ratio Lower Upper
120 100
91 515.7 367.2 550.8





#65
tert-Butylbenzene
Concen: 0.510 ppbv
RT: 16.105 min Scan# 4179
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

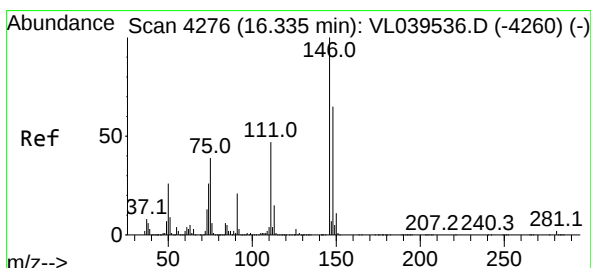
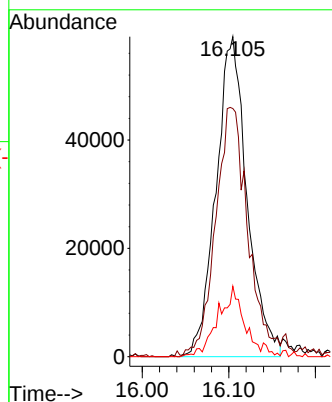
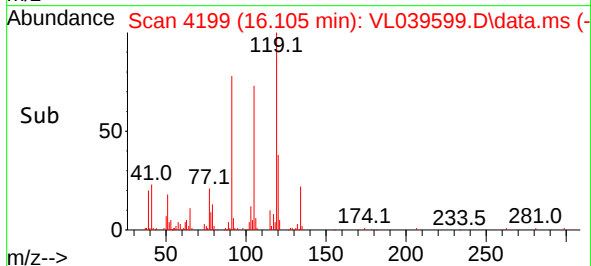
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



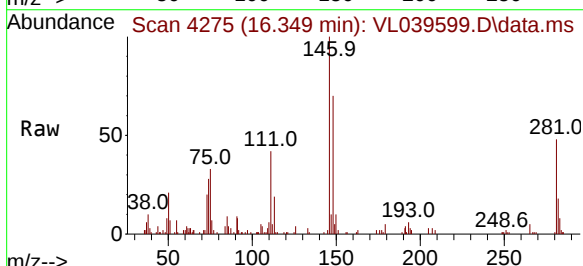
Tgt Ion: 119 Resp: 14726
Ion Ratio Lower Upper
119 100
91 82.6 63.4 95.2
134 19.4 15.9 23.9

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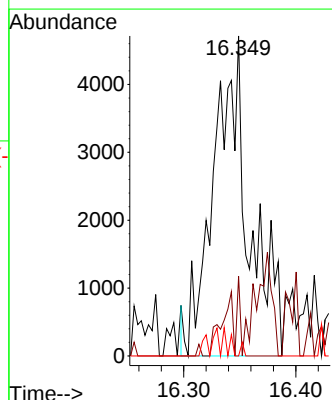
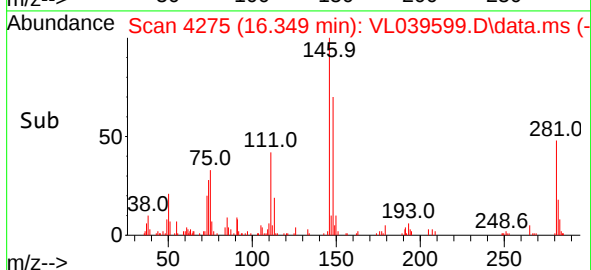
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

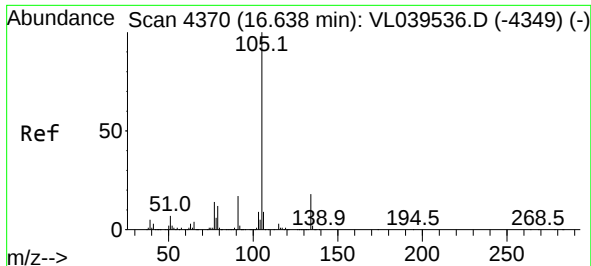


#66
Benzyl Chloride
Concen: 0.437 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.014 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



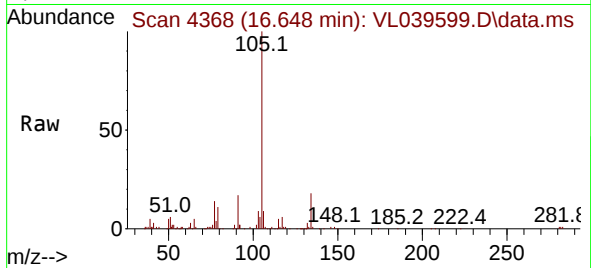
Tgt Ion: 91 Resp: 10253
Ion Ratio Lower Upper
91 100
126 9.0 13.1 19.7#
128 3.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.490 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

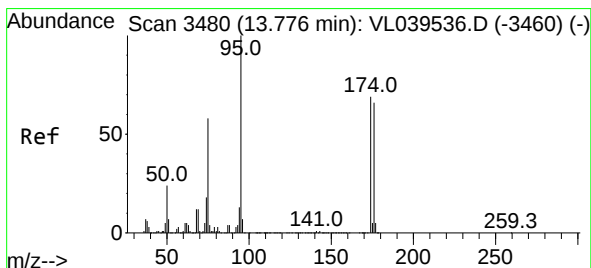
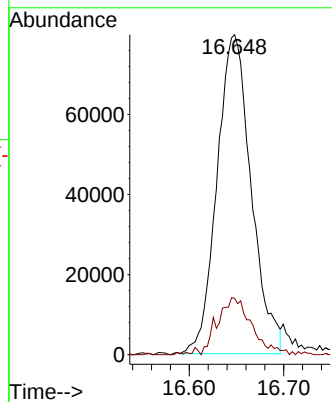
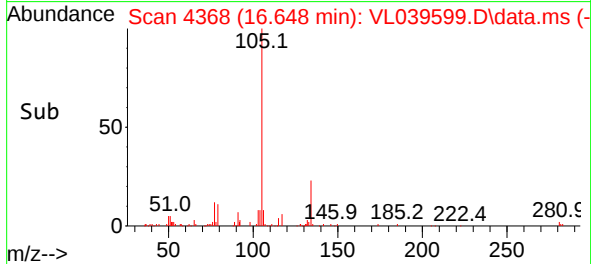
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion:105 Resp: 200492
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2

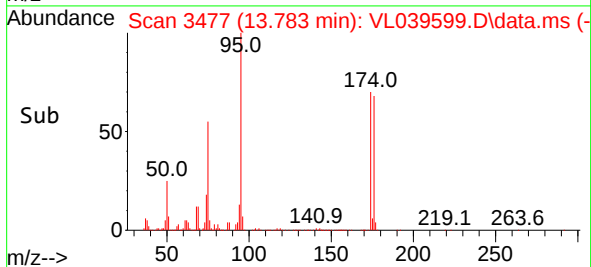
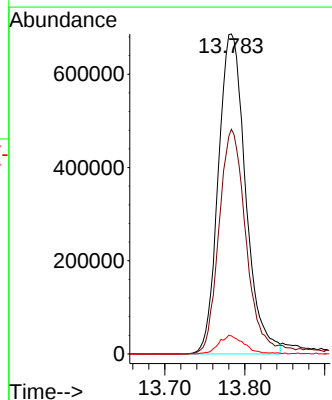
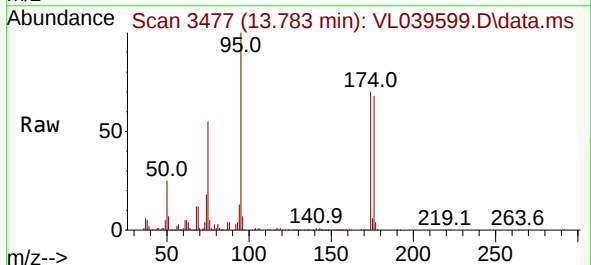
Manual Integrations
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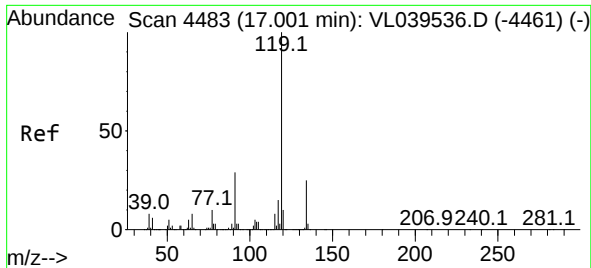
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.917 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

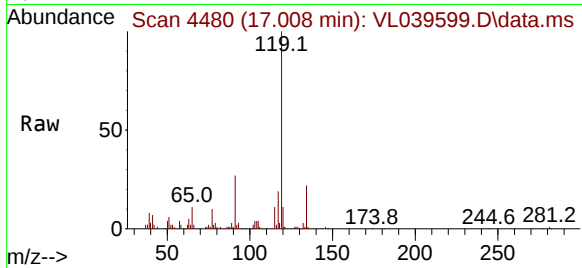
Tgt Ion: 95 Resp: 1625235
 Ion Ratio Lower Upper
 95 100
 174 73.1 55.9 83.9
 175 5.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.444 ppbv
RT: 17.008 min Scan# 4483
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

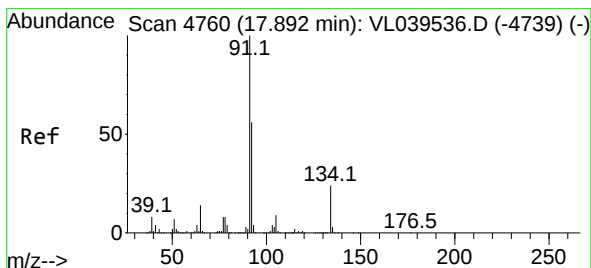
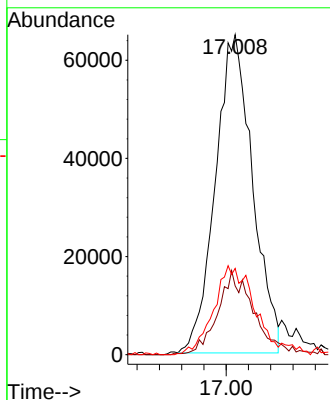
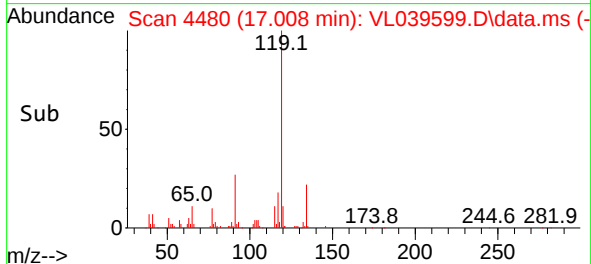
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 119 Resp: 15064
Ion Ratio Lower Upper
119 100
134 26.0 20.3 30.5
91 31.8 22.9 34.3

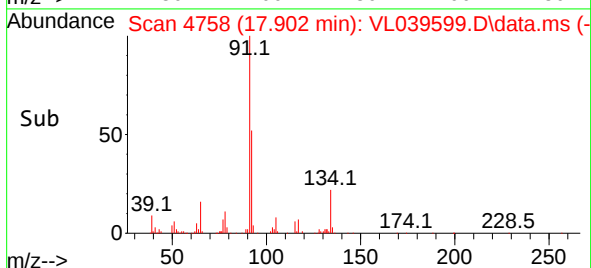
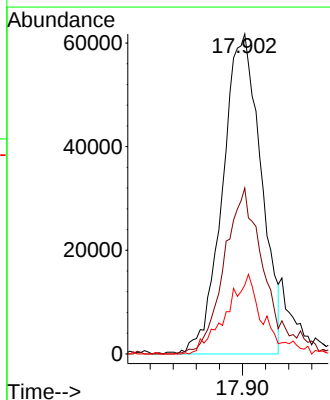
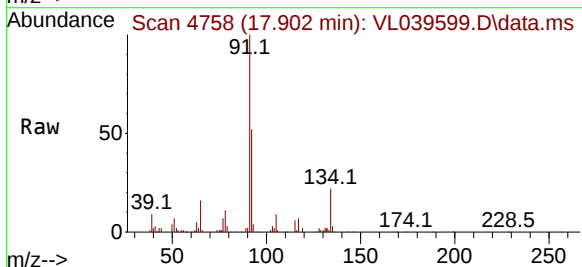
Manual Integrations
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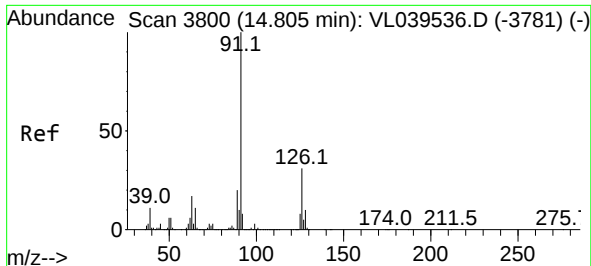
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#70
n-Butylbenzene
Concen: 0.422 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

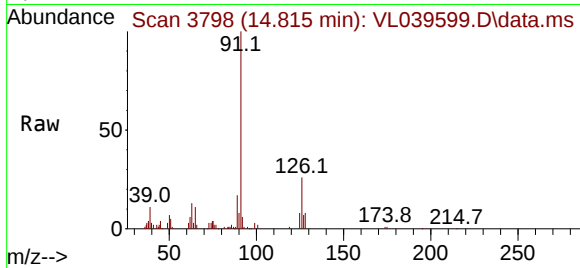
Tgt Ion: 91 Resp: 142696
Ion Ratio Lower Upper
91 100
92 55.7 43.4 65.2
134 24.6 18.9 28.3





#71
2-Chlorotoluene
Concen: 0.468 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

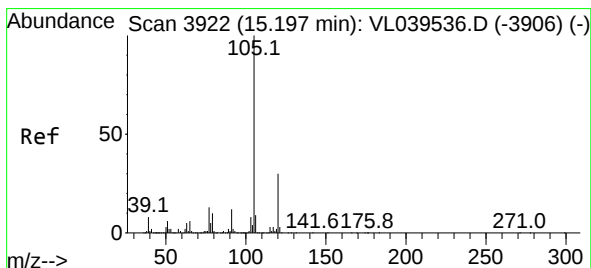
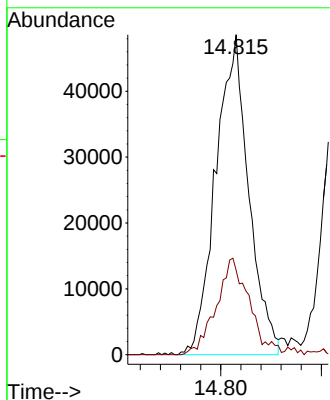
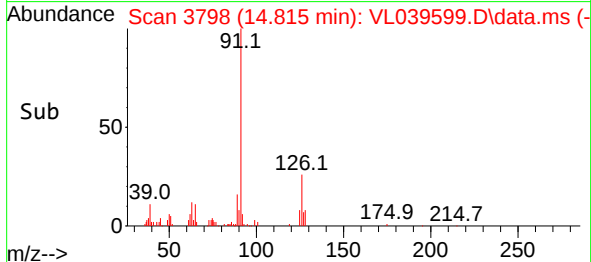
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



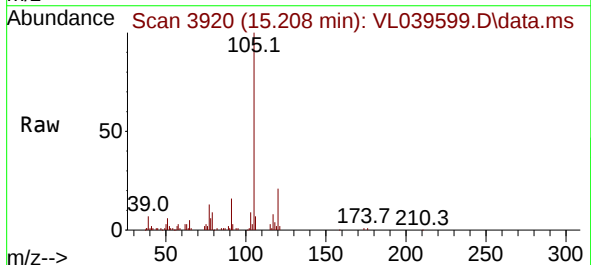
Tgt Ion: 91 Resp: 110110
Ion Ratio Lower Upper
91 100
126 31.6 13.0 51.8

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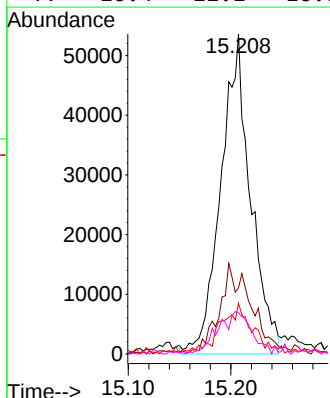
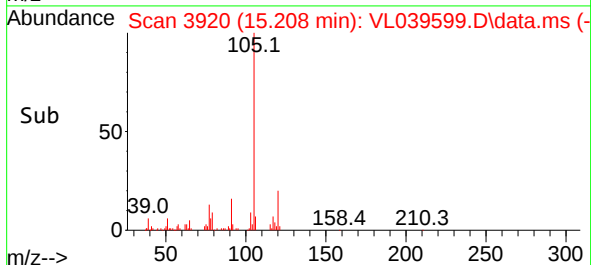
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

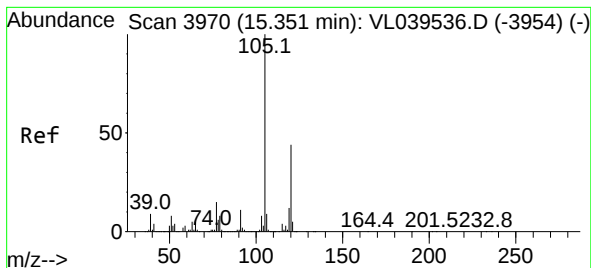


#72
4-Ethyltoluene
Concen: 0.427 ppbv m
RT: 15.208 min Scan# 3920
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



Tgt Ion:105 Resp: 107421
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 16.4 10.2 15.4#
77 16.4 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 0.471 ppbv m

RT: 15.368 min Scan# 3970

Delta R.T. 0.017 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion:105 Resp: 10814

Ion Ratio Lower Upper

105 100

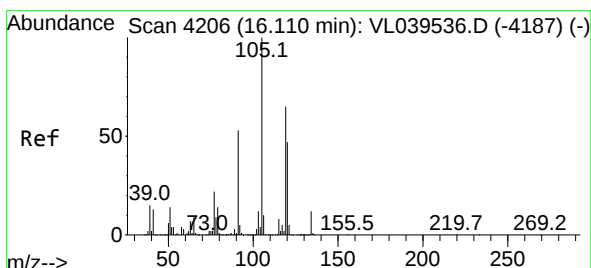
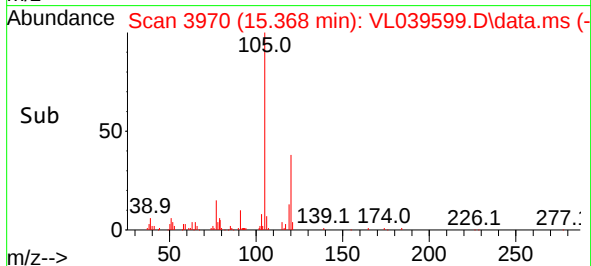
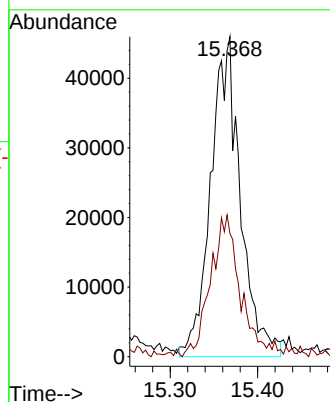
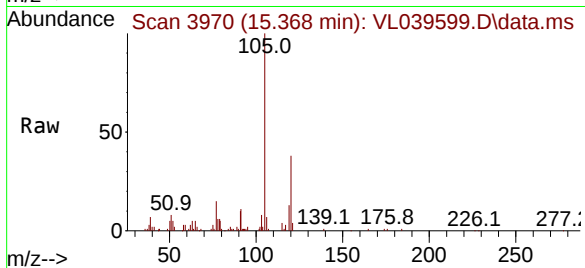
120 38.5 38.2 57.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.506 ppbv m

RT: 16.111 min Scan# 4201

Delta R.T. 0.001 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Tgt Ion:105 Resp: 129596

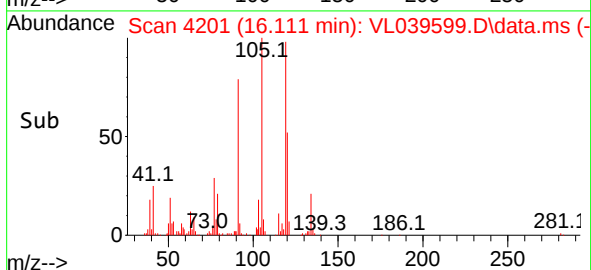
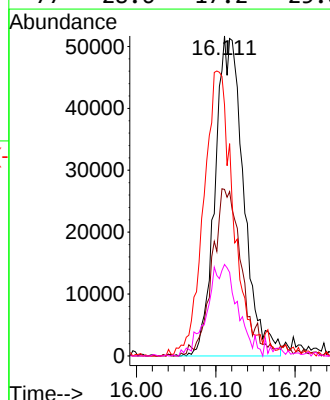
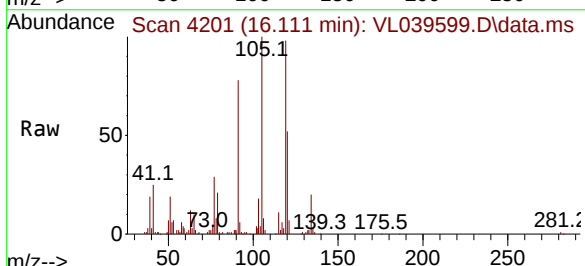
Ion Ratio Lower Upper

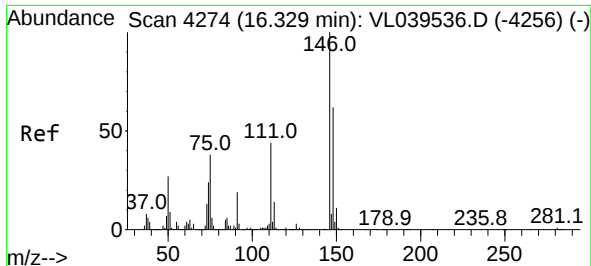
105 100

120 52.1 39.5 59.3

91 78.5 39.2 58.8#

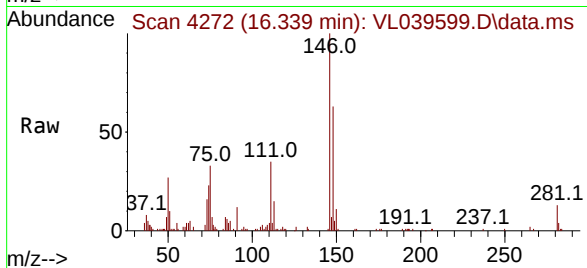
77 28.6 17.2 25.8#





#75
1,3-Dichlorobenzene
Concen: 0.497 ppbv
RT: 16.339 min Scan# 4315
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

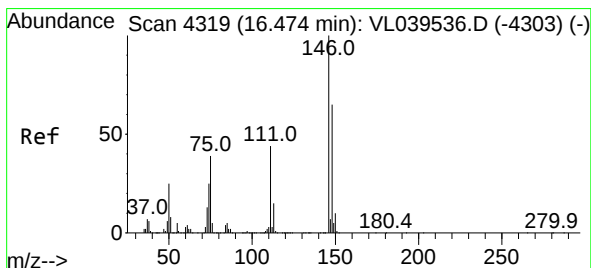
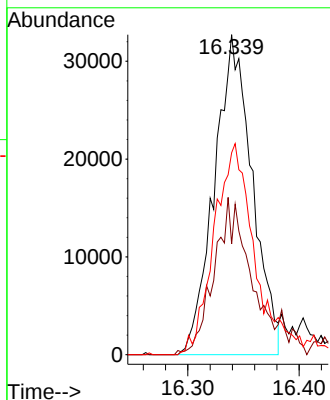
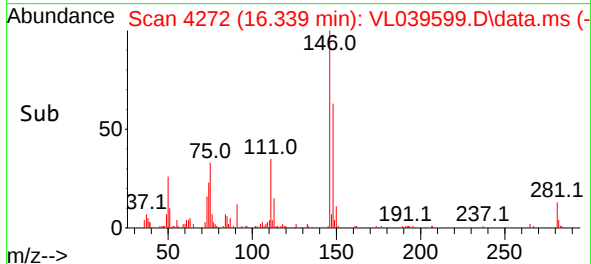
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



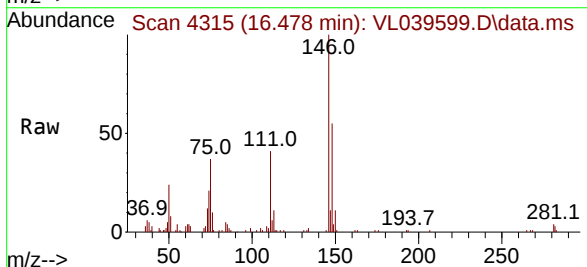
Tgt Ion:146 Resp: 77308
Ion Ratio Lower Upper
146 100
111 51.2 22.9 68.7
148 73.0 32.1 96.5

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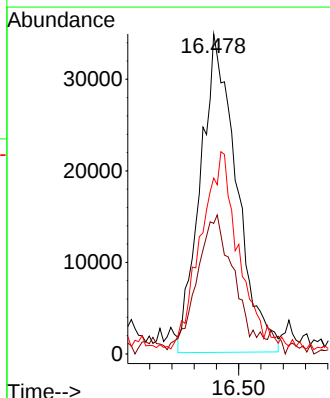
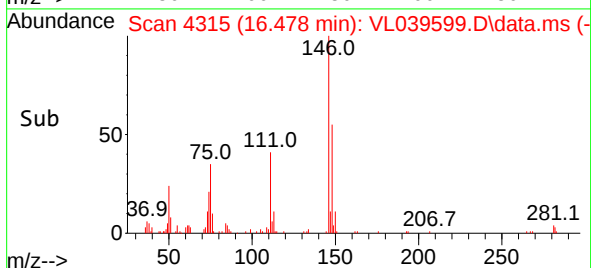
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

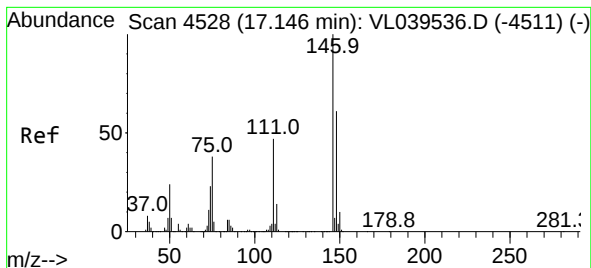


#76
1,4-Dichlorobenzene
Concen: 0.508 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



Tgt Ion:146 Resp: 78684
Ion Ratio Lower Upper
146 100
111 50.1 22.9 68.8
148 72.8 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 0.572 ppbv m

RT: 17.156 min Scan# 4528

Delta R.T. 0.010 min

Lab File: VL039599.D

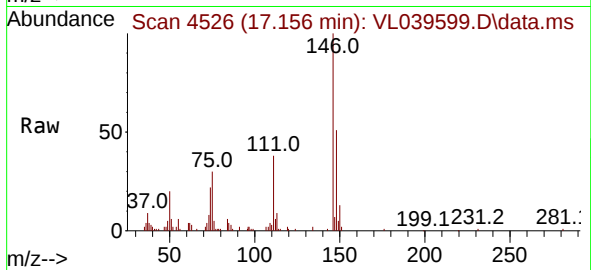
Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



Tgt Ion:146 Resp: 8716

Ion Ratio Lower Upper

146 100

111 0.0 23.8 71.5

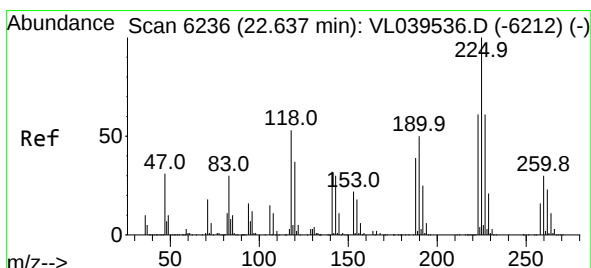
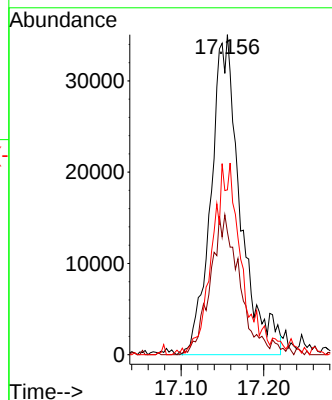
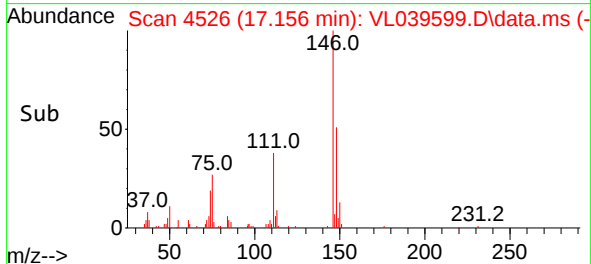
148 0.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.589 ppbv m

RT: 22.638 min Scan# 6231

Delta R.T. 0.001 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

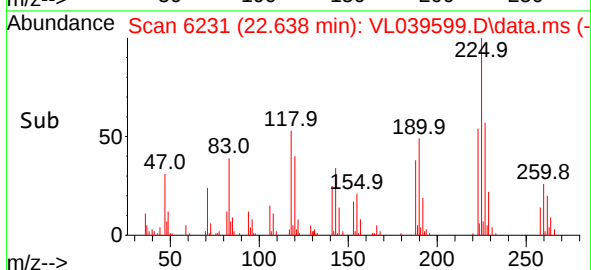
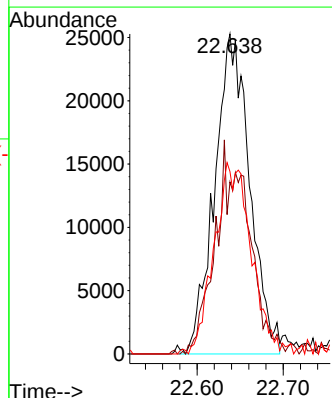
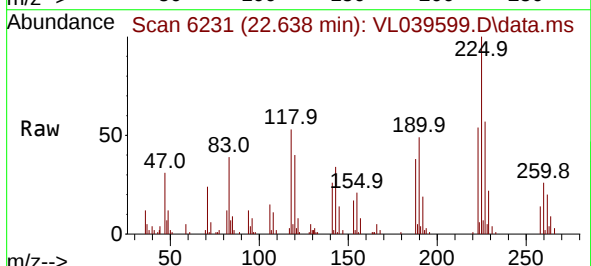
Tgt Ion:225 Resp: 71514

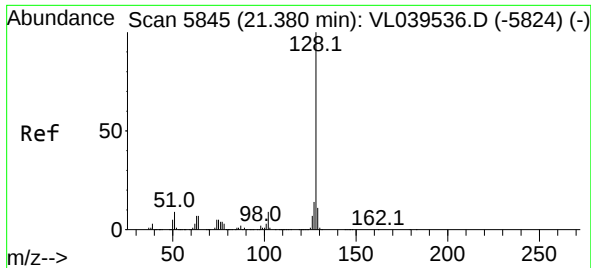
Ion Ratio Lower Upper

225 100

223 0.0 51.8 77.6#

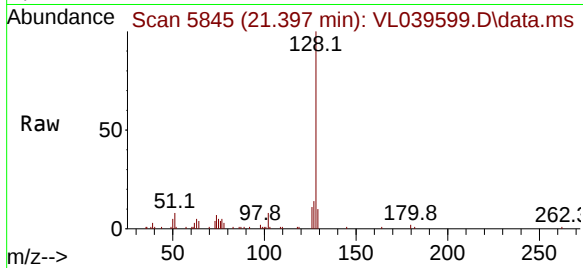
227 0.0 51.4 77.2#





#79
Naphthalene
Concen: 0.400 ppbv m
RT: 21.397 min Scan# 5845
Delta R.T. 0.017 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

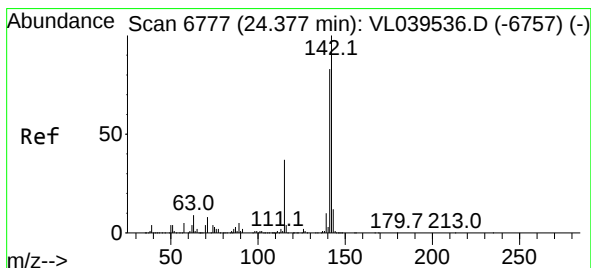
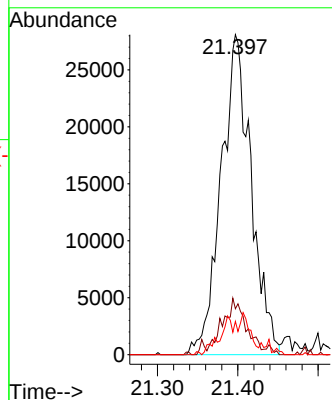
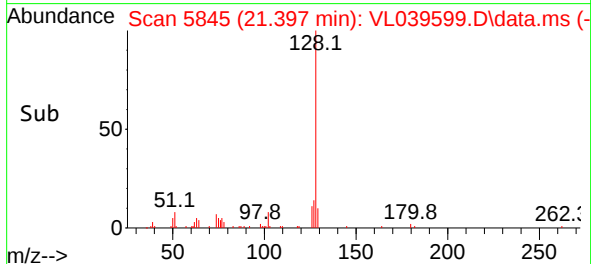
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



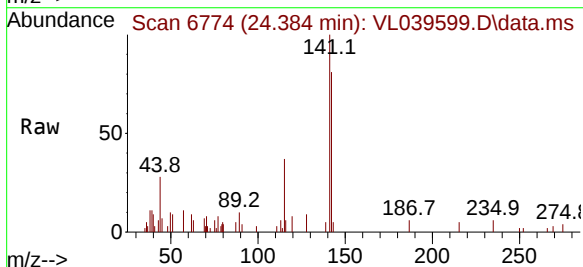
Tgt Ion:128 Resp: 7297
Ion Ratio Lower Upper
128 100
127 14.3 10.6 15.8
129 10.4 8.8 13.2

Manual Integrations
APPROVED

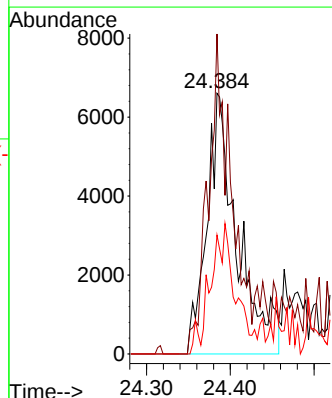
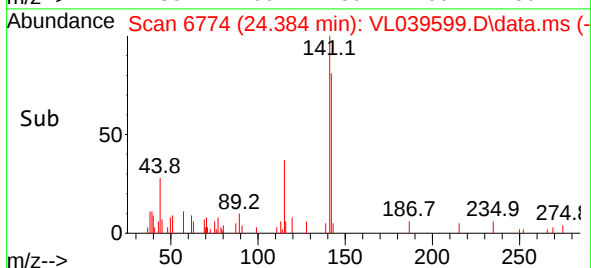
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

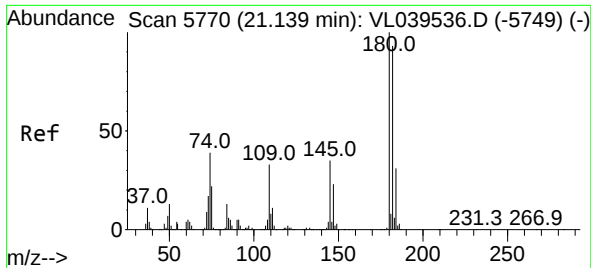


#80
Naphthalene,2-methyl-
Concen: 0.224 ppbv m
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52



Tgt Ion:142 Resp: 16573
Ion Ratio Lower Upper
142 100
141 16.4 68.9 103.3#
115 6.4 30.0 45.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.474 ppbv m

RT: 21.153 min Scan# 5770

Delta R.T. 0.014 min

Lab File: VL039599.D

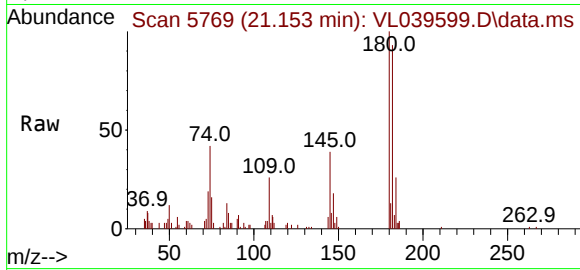
Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



Tgt Ion:180	Resp:	57740
Ion Ratio	Lower	Upper
180	100	
182	0.0	77.1
184	0.0	24.3

Manual Integrations

APPROVED

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

