

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040328.D
 Acq On : 10 Apr 2023 17:02
 Operator : SY/MD
 Sample : 02213-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023

Quant Time: Apr 11 04:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

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

Internal Standards						
1) Bromochloromethane	5.163	49	888050	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2288126	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2080379	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1788351	10.265	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.700	85	95746	0.550	ppbv	94
3) Chlorodifluoromethane	2.645	51	55401	0.496	ppbv	98
4) Chloromethane	2.784	50	37049	0.537	ppbv	94
5) Vinyl Chloride	2.890	62	27107	0.485	ppbv	100
6) Bromomethane	3.092	94	10597	0.547	ppbv	88
7) Chloroethane	3.163	64	11082m	0.517	ppbv	
8) Dichlorotetrafluoroethane	2.825	85	81031	0.543	ppbv	99
9) Propene	2.661	41	20738	0.485	ppbv	99
10) Heptane	7.562	43	40469m	0.393	ppbv	
11) Trichlorofluoromethane	3.533	101	80743	0.511	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.038	101	58872	0.497	ppbv	97
13) Ethanol	3.231	45	2827m	0.901	ppbv	
14) Bromoethene	3.340	108	21420	0.484	ppbv #	92
15) Acetone	3.456	43	65662	0.607	ppbv #	88
16) 1,3-Butadiene	2.954	39	21862	0.445	ppbv	96
17) tert-Butyl alcohol	3.864	59	46184	0.449	ppbv #	93
18) 1,1-Dichloroethene	3.854	96	25759	0.506	ppbv	87
19) Isopropyl Alcohol	3.568	45	24863	0.480	ppbv #	82
20) Methylene Chloride	3.906	84	25257	0.555	ppbv	94
21) Allyl Chloride	3.967	41	30735	0.439	ppbv	92
22) trans-1,2-Dichloroethene	4.420	96	25074m	0.484	ppbv	
23) Vinyl Acetate	4.607	43	12879	0.428	ppbv #	72
24) 1,1-Dichloroethane	4.536	63	54510	0.508	ppbv	99
25) Ethyl Acetate	5.185	43	94059	0.465	ppbv	98
26) Hexane	5.185	57	36060	0.434	ppbv	82
27) Carbon Disulfide	4.099	76	47915	0.413	ppbv #	93
28) Methyl tert-Butyl Ether	4.565	73	44383	0.465	ppbv	97
29) Chloroform	5.243	83	76244	0.520	ppbv	96
30) Cyclohexane	6.581	84	23961m	0.366	ppbv	
31) cis-1,2-Dichloroethene	5.050	61	37159	0.459	ppbv #	88
32) 1,1,1-Trichloroethane	5.970	97	72257m	0.514	ppbv	
34) 2-Butanone	4.767	43	57348m	0.508	ppbv	
35) Carbon Tetrachloride	6.472	117	71034m	0.495	ppbv	
36) Benzene	6.343	78	73815	0.423	ppbv	95
37) 1,2-Dichloroethane	5.780	62	57733	0.509	ppbv	100
38) Trichloroethene	7.266	130	36631	0.384	ppbv	97
39) 1,2-Dichloropropane	7.047	63	29911	0.437	ppbv	99
40) 1,4-Dioxane	7.298	88	10472	0.387	ppbv #	68
41) Tetrahydrofuran	5.549	42	23698m	0.364	ppbv	
42) Bromodichloromethane	7.221	83	62491	0.403	ppbv	96
43) Methyl Methacrylate	7.459	69	22072	0.341	ppbv	91
44) 2,2,4-Trimethylpentane	7.298	57	122010m	0.420	ppbv	
45) t-1,3-Dichloropropene	8.687	75	17530m	0.310	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 04:16:14 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	24389	0.304	ppbv #	95
47) 1,1,2-Trichloroethane	8.873	97	34773m	0.476	ppbv	
48) Dibromochloromethane	9.690	129	48813m	0.406	ppbv	
49) Bromoform	12.388	173	35239m	0.391	ppbv	
50) 4-Methyl-2-Pentanone	8.172	43	69771m	0.399	ppbv	
51) 2-Hexanone	9.561	43	39714m	0.293	ppbv	
52) Tetrachloroethene	10.594	164	24673m	0.468	ppbv	
53) Toluene	9.198	91	62566m	0.342	ppbv	
54) 1,2-Dibromoethane	9.992	107	33233m	0.442	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.484	131	45869	0.524	ppbv #	1
57) Chlorobenzene	11.497	112	73167m	0.494	ppbv	
58) Ethyl Benzene	12.069	91	84263	0.356	ppbv #	87
59) m/p-Xylene	12.352	91	168654m	0.777	ppbv	
60) o-Xylene	13.034	91	78287m	0.377	ppbv	
61) Styrene	12.880	104	29022	0.276	ppbv	93
62) Isopropylbenzene	14.008	105	125092m	0.423	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.028	83	38042m	0.521	ppbv	
64) n-propylbenzene	14.899	120	28717m	0.397	ppbv	
65) tert-Butylbenzene	16.072	119	98558	0.387	ppbv	89
66) Benzyl Chloride	16.317	91	7254m	0.438	ppbv	
67) sec-Butylbenzene	16.616	105	144462	0.397	ppbv	99
69) p-Isopropyltoluene	16.979	119	107900	0.381	ppbv	97
70) n-Butylbenzene	17.870	91	120852m	0.387	ppbv	
71) 2-Chlorotoluene	14.783	91	85602	0.381	ppbv	97
72) 4-Ethyltoluene	15.175	105	82839	0.365	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.333	105	79570m	0.387	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	99162m	0.423	ppbv	
75) 1,3-Dichlorobenzene	16.310	146	56361m	0.444	ppbv	
76) 1,4-Dichlorobenzene	16.458	146	55404m	0.458	ppbv	
77) 1,2-Dichlorobenzene	17.130	146	58359m	0.478	ppbv	
78) Hexachloro-1,3-Butadiene	22.612	225	44506	0.498	ppbv	98
79) Naphthalene	21.371	128	45728m	0.330	ppbv	
80) Naphthalene,2-methyl-	24.374	142	15312m	0.436	ppbv	
81) 1,2,4-Trichlorobenzene	21.130	180	30624m	0.359	ppbv	

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

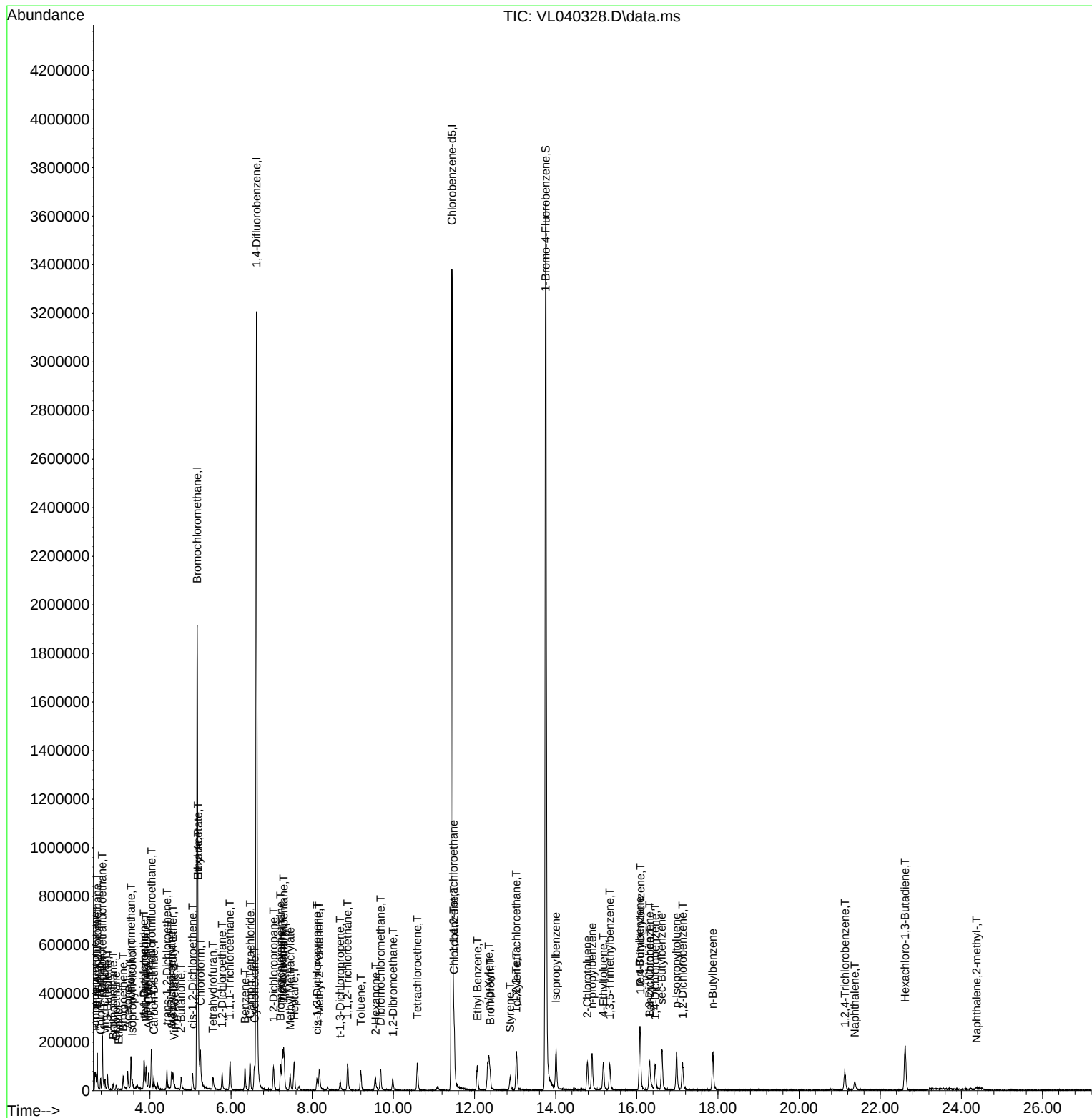
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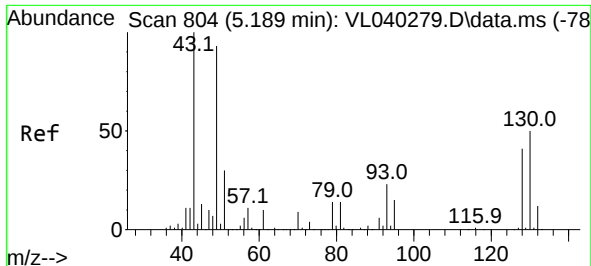
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

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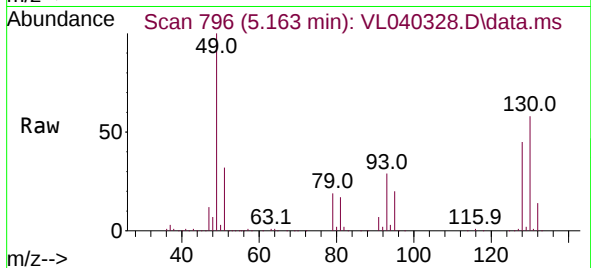
Reviewed By : Semsettin Yesilyurt 04/11/2023
Supervised By : Mahesh Dadoda 04/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. 0.007 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

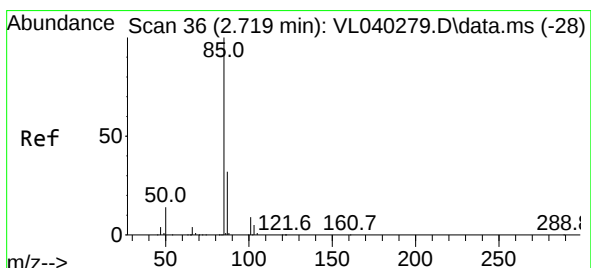
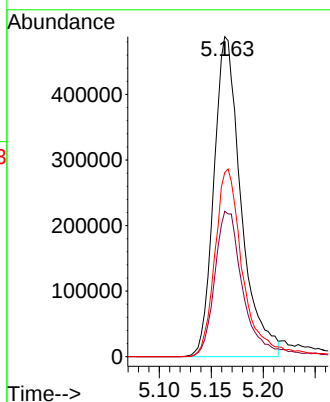
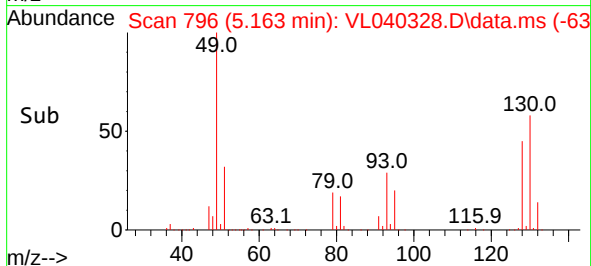
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 49 Resp: 888050
Ion Ratio Lower Upper
49 100
128 49.8 22.4 67.3
130 62.1 28.7 86.1

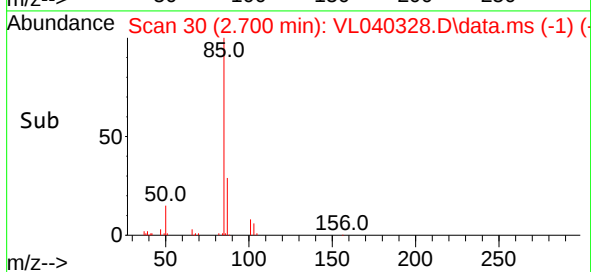
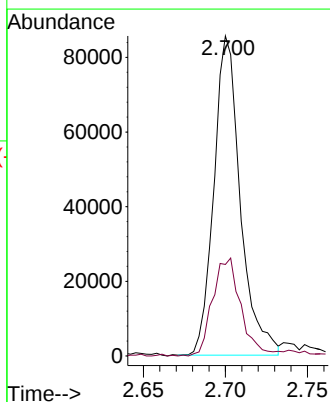
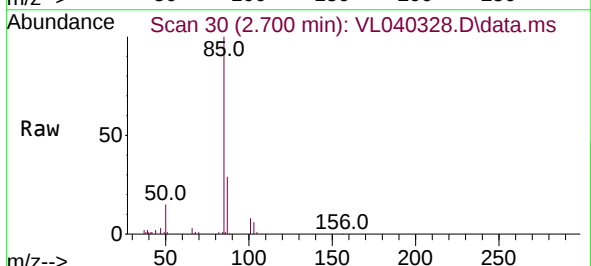
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#2
Dichlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

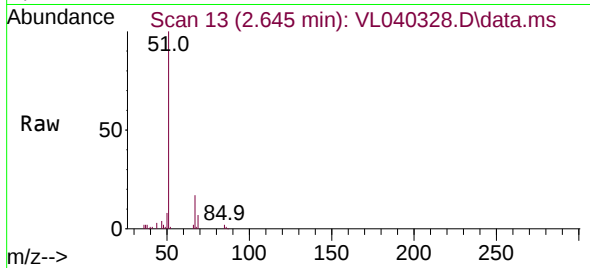
Tgt Ion: 85 Resp: 95746
Ion Ratio Lower Upper
85 100
87 28.7 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.496 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

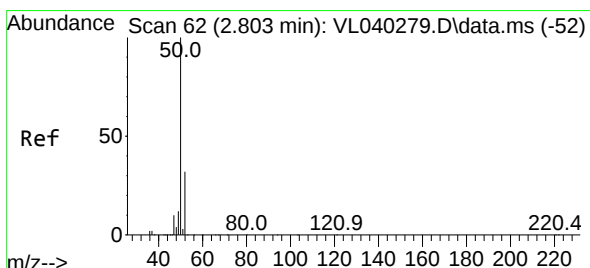
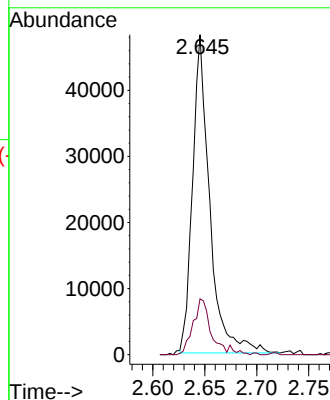
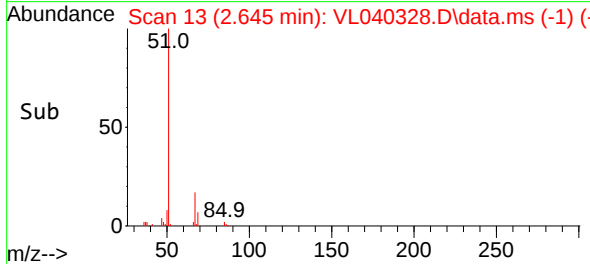
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 51 Resp: 5540
Ion Ratio Lower Upper
51 100
67 18.9 16.0 24.0

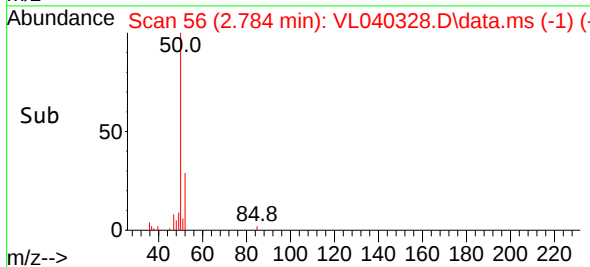
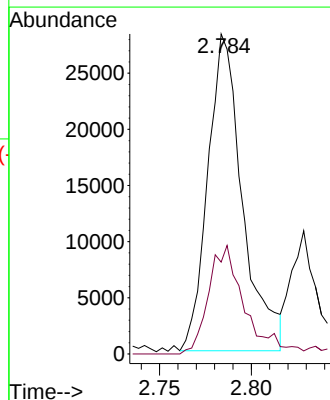
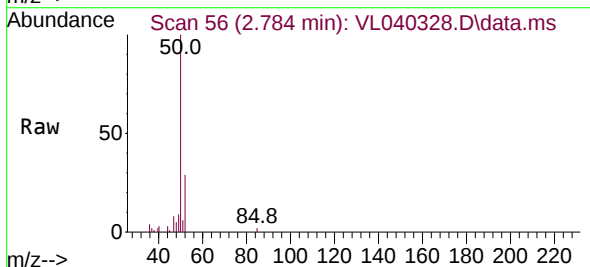
Manual Integrations
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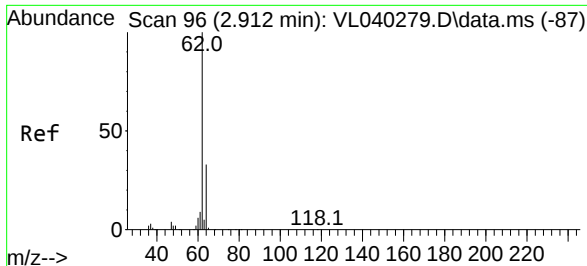
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#4
Chloromethane
Concen: 0.537 ppbv
RT: 2.784 min Scan# 56
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

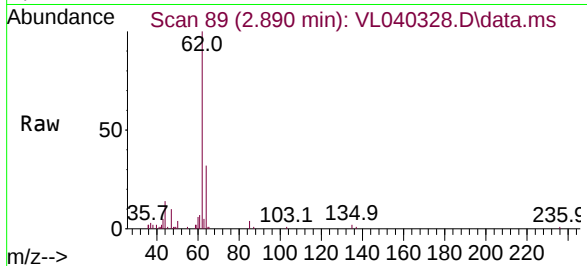
Tgt Ion: 50 Resp: 37049
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.485 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

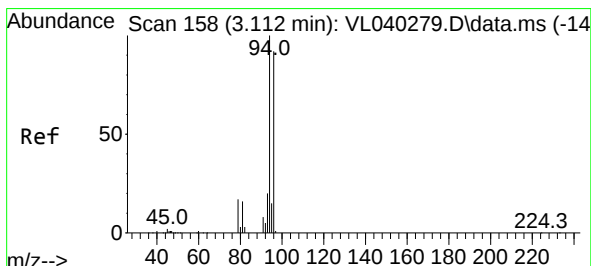
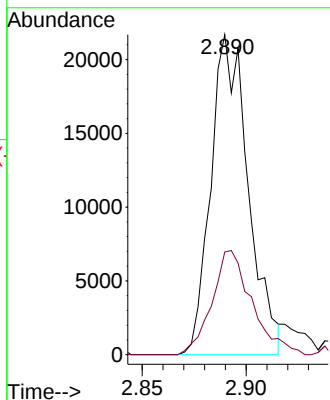
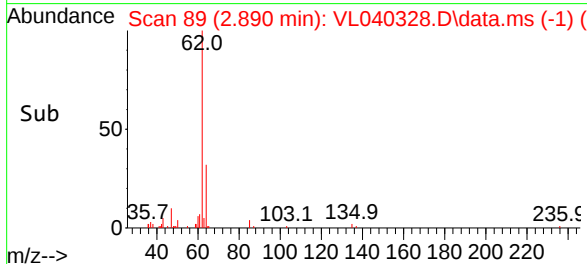
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 62 Resp: 2710
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.4 39.6

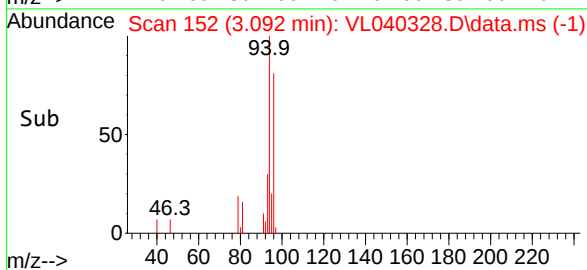
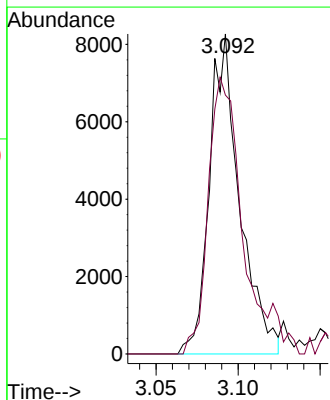
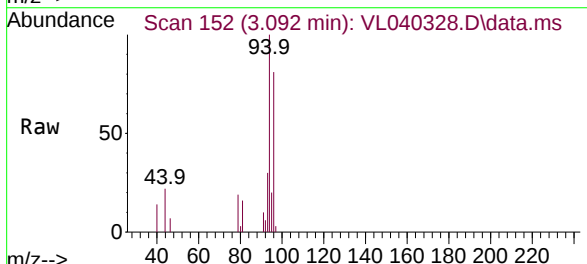
Manual Integrations
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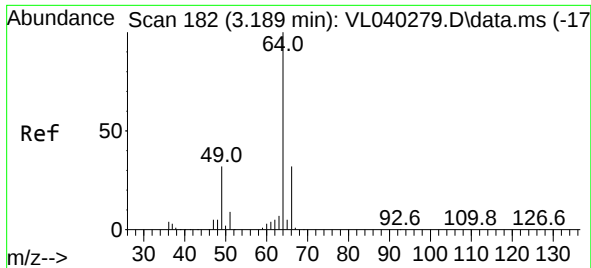
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 0.547 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. 0.010 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

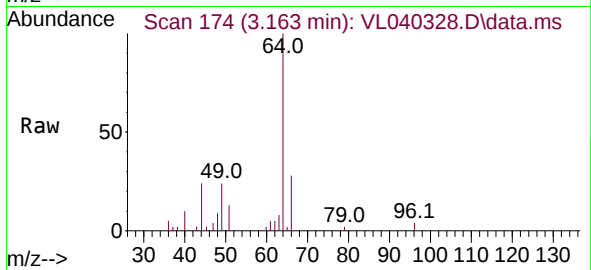
Tgt Ion: 94 Resp: 10597
 Ion Ratio Lower Upper
 94 100
 96 80.9 73.7 110.5





#7
Chloroethane
Concen: 0.517 ppbv m
RT: 3.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

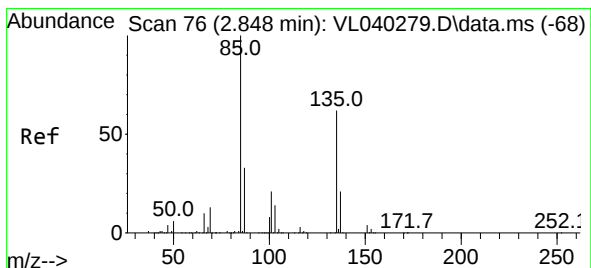
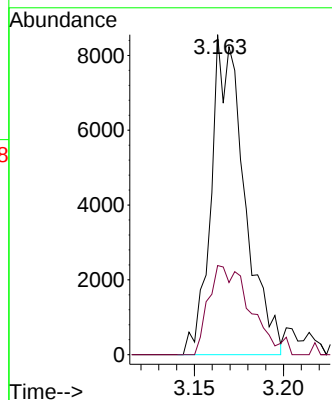
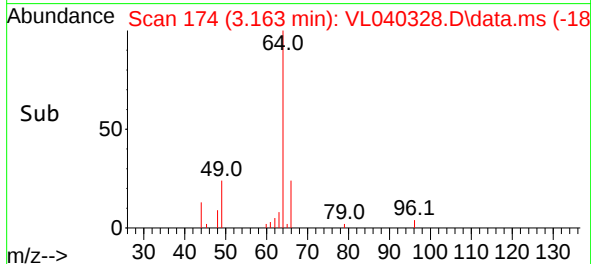
Instrument :
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ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 64 Resp: 1108
Ion Ratio Lower Upper
64 100
66 27.8 25.5 38.3

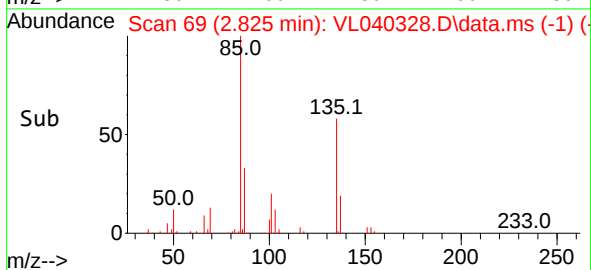
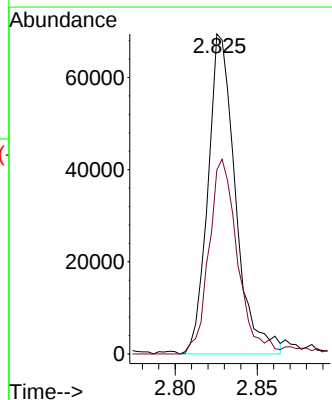
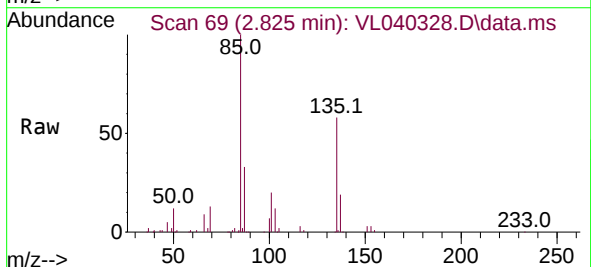
Manual Integrations
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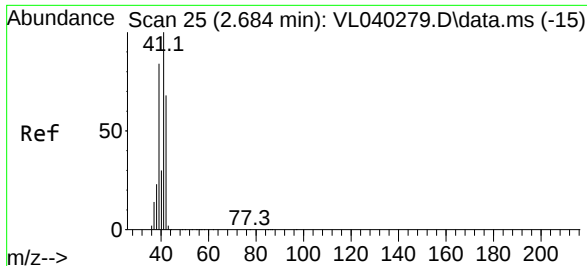
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#8
Dichlorotetrafluoroethane
Concen: 0.543 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.003 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

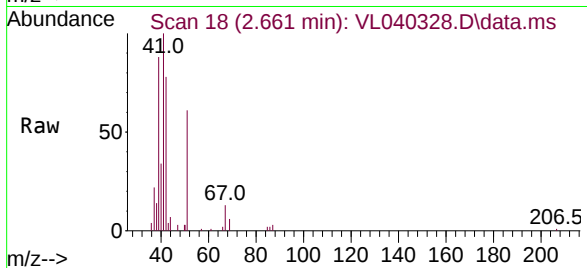
Tgt Ion: 85 Resp: 81031
Ion Ratio Lower Upper
85 100
135 65.9 52.0 78.0





#9
 Propene
 Concen: 0.485 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

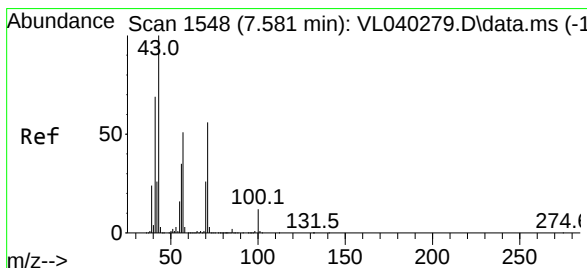
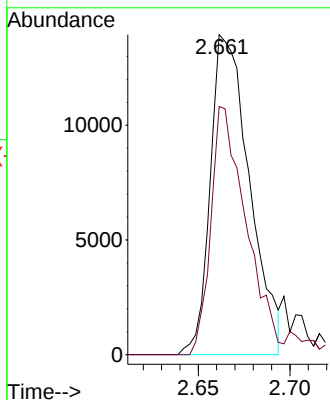
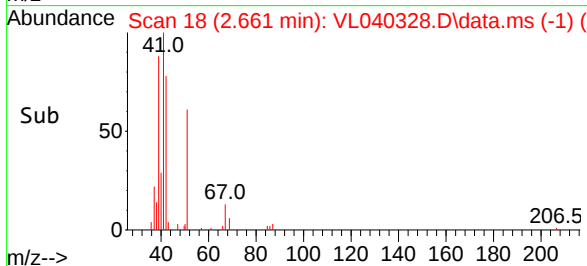
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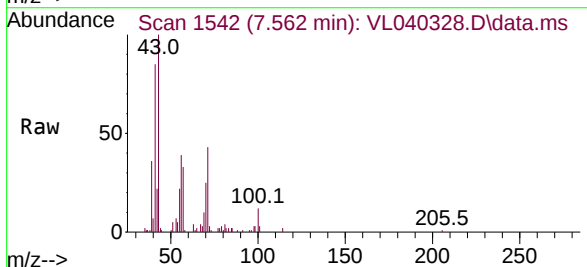
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 Ion Ratio Lower Upper
 41 100
 42 74.6 59.0 88.4

Manual Integrations
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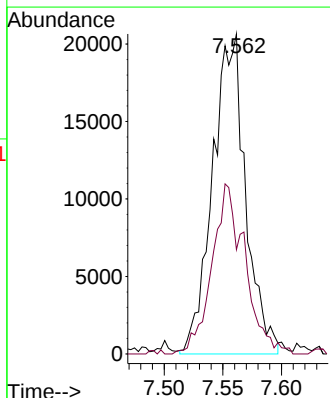
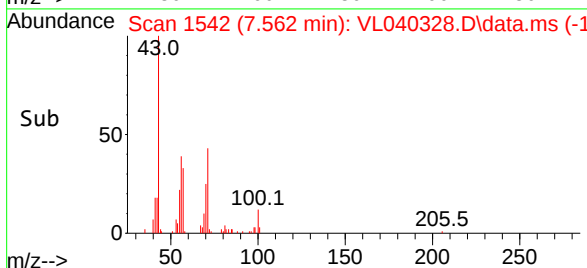
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#10
 Heptane
 Concen: 0.393 ppbv m
 RT: 7.562 min Scan# 1542
 Delta R.T. 0.016 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02



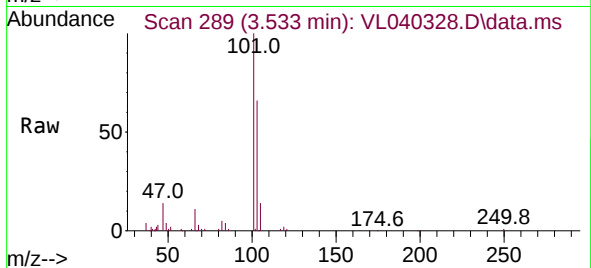
Tgt Ion: 43 Resp: 40469
 Ion Ratio Lower Upper
 43 100
 57 53.4 41.7 62.5





#11
Trichlorofluoromethane
Concen: 0.511 ppbv
RT: 3.533 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

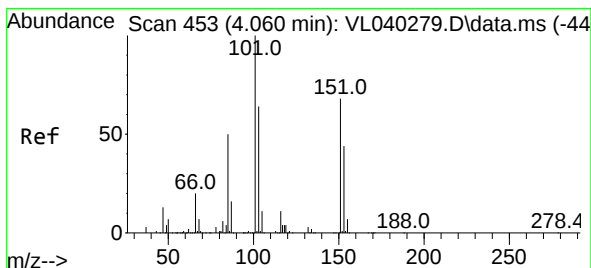
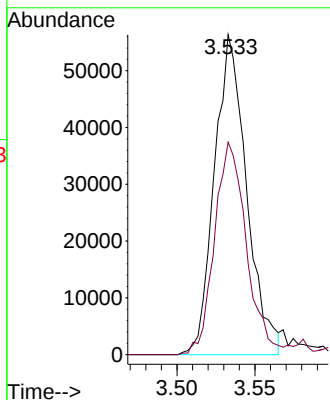
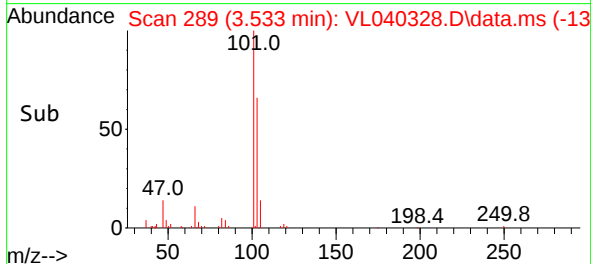
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



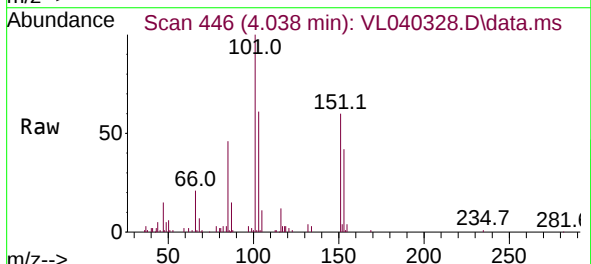
Tgt Ion:101 Resp: 8074
Ion Ratio Lower Upper
101 100
103 66.4 53.1 79.7

Manual Integrations
APPROVED

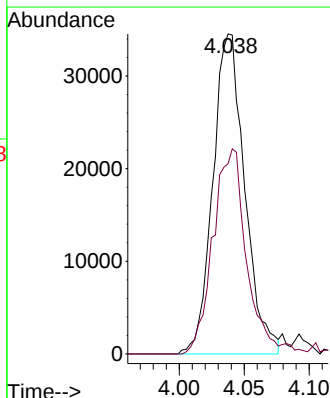
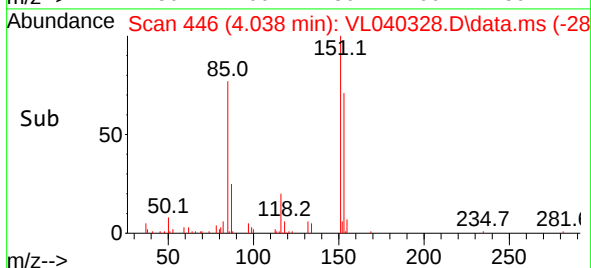
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

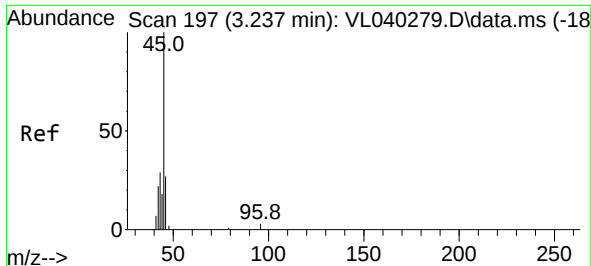


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.497 ppbv
RT: 4.038 min Scan# 446
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02



Tgt Ion:101 Resp: 58872
Ion Ratio Lower Upper
101 100
151 68.7 53.2 79.8





#13

Ethanol

Concen: 0.901 ppbv

RT: 3.231 min Scan# 197

Delta R.T. 0.019 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

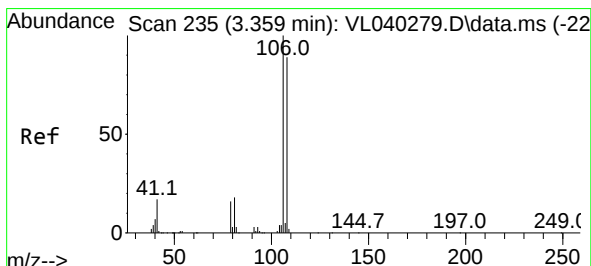
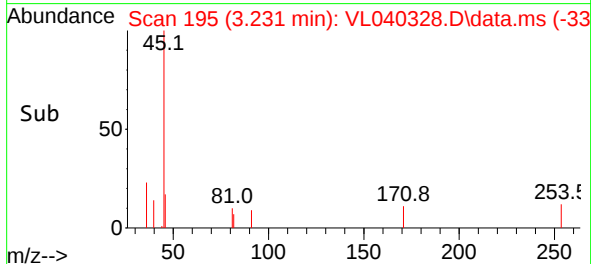
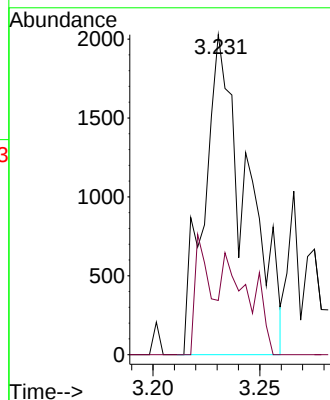
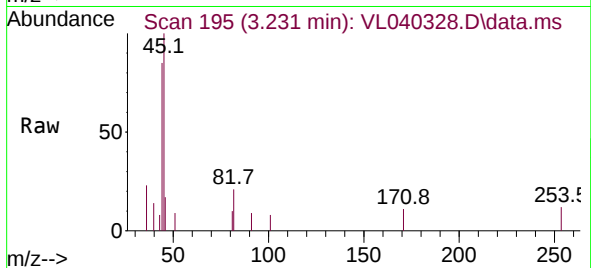
Tgt Ion: 45 Resp: 282

Ion	Ratio	Lower	Upper
45	100		
46	34.1	15.0	60.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#14

Bromoethene

Concen: 0.484 ppbv

RT: 3.340 min Scan# 229

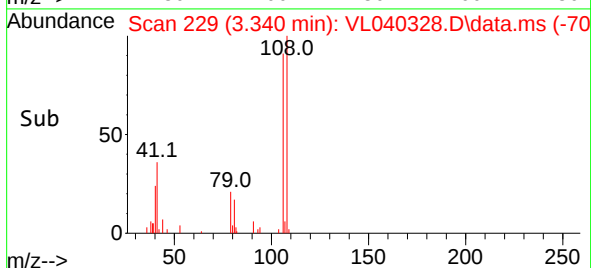
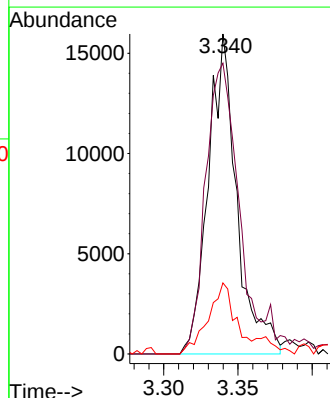
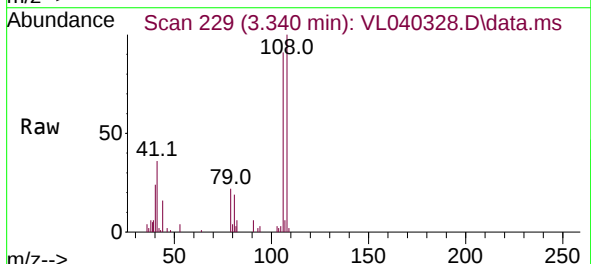
Delta R.T. 0.010 min

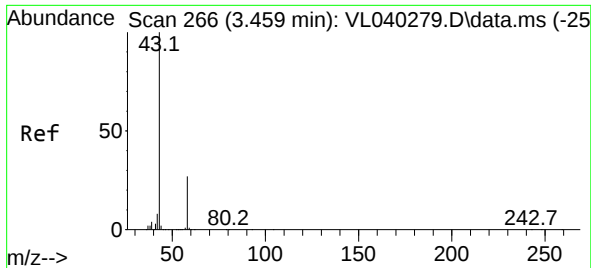
Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:108 Resp: 21420

Ion	Ratio	Lower	Upper
108	100		
106	114.5	85.8	128.8
79	24.6	15.8	23.6





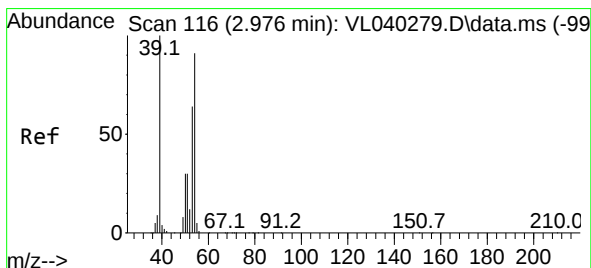
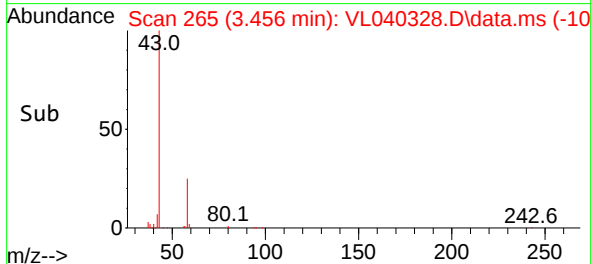
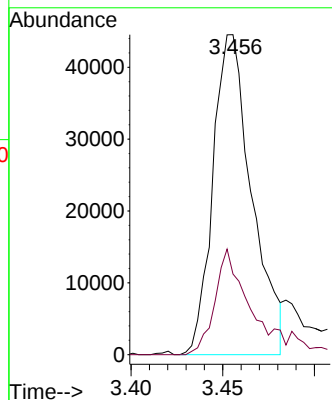
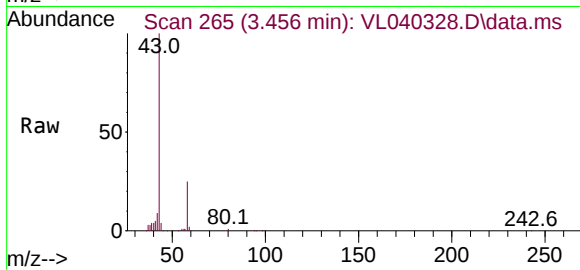
#15
Acetone
Concen: 0.607 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 43 Resp: 65662
Ion Ratio Lower Upper
43 100
58 33.8 21.8 32.8

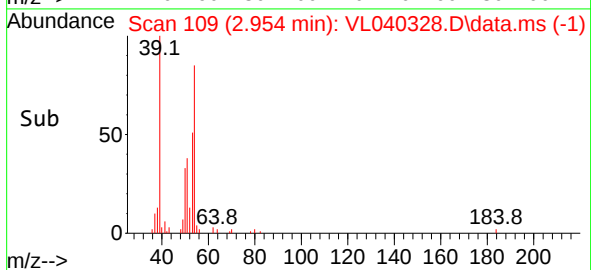
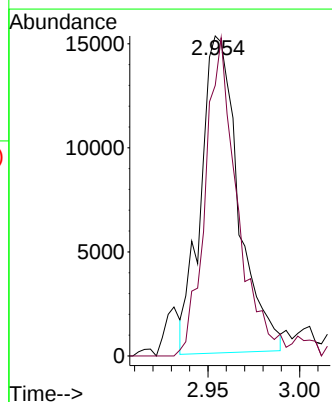
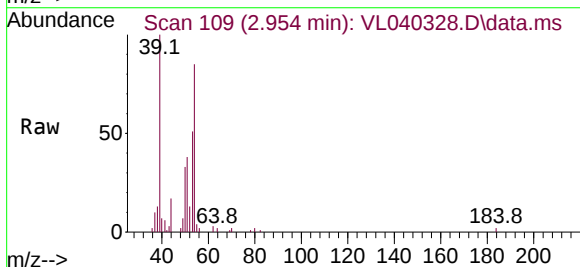
Manual Integrations
APPROVED

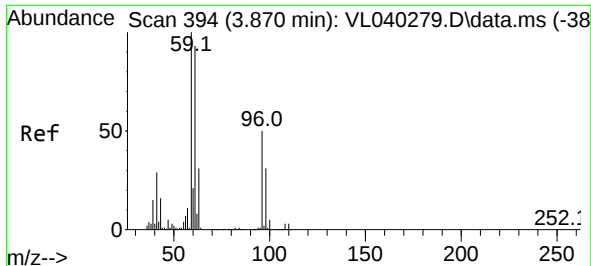
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#16
1,3-Butadiene
Concen: 0.445 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 39 Resp: 21862
Ion Ratio Lower Upper
39 100
54 89.1 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.449 ppbv

RT: 3.864 min Scan# 389

Delta R.T. 0.026 min

Lab File: VL040328.D

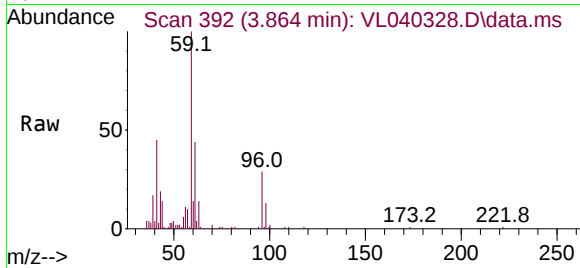
Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 59 Resp: 46184

Ion Ratio Lower Upper

59 100

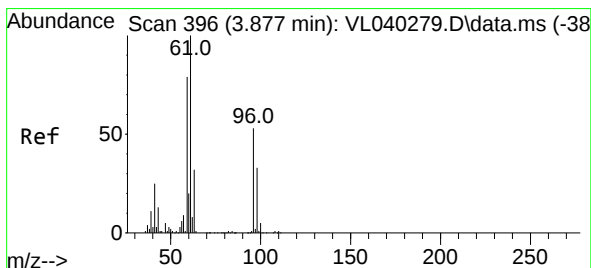
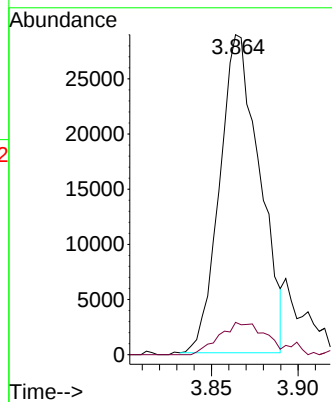
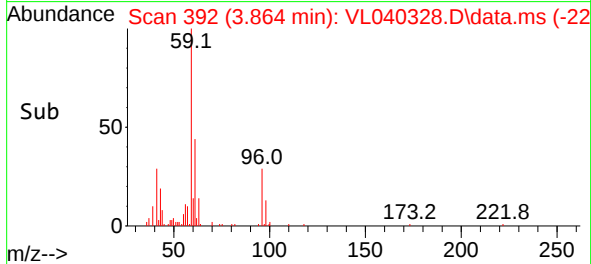
57 13.2 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#18

1,1-Dichloroethene

Concen: 0.506 ppbv

RT: 3.854 min Scan# 389

Delta R.T. 0.010 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

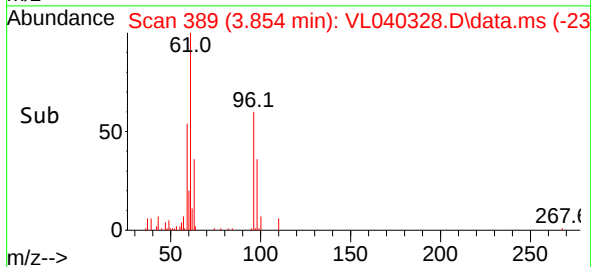
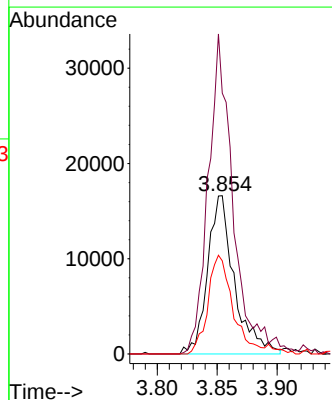
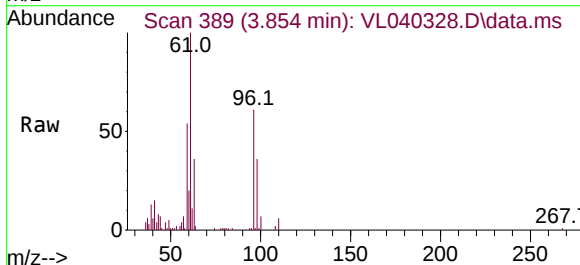
Tgt Ion: 96 Resp: 25759

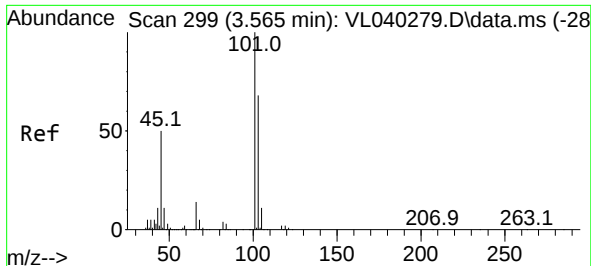
Ion Ratio Lower Upper

96 100

61 164.9 150.6 226.0

98 58.8 50.3 75.5





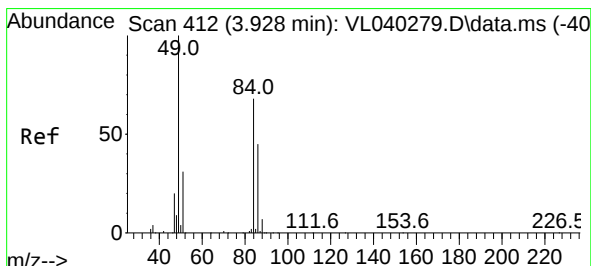
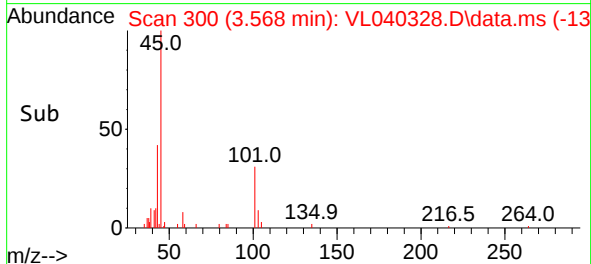
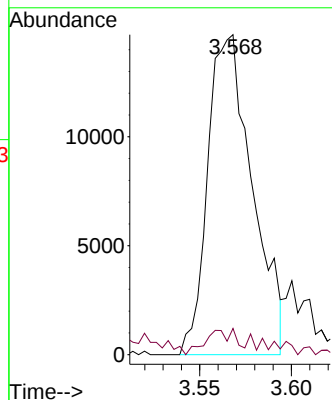
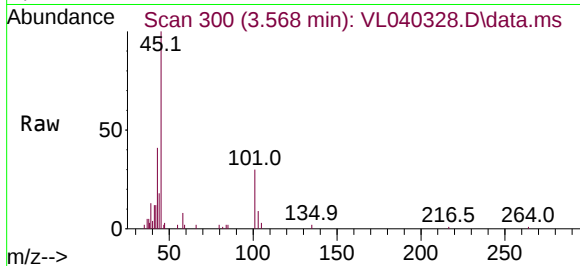
#19
Isopropyl Alcohol
Concen: 0.480 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 45 Resp: 2486
Ion Ratio Lower Upper
45 100
58 9.2 2.7 4.1

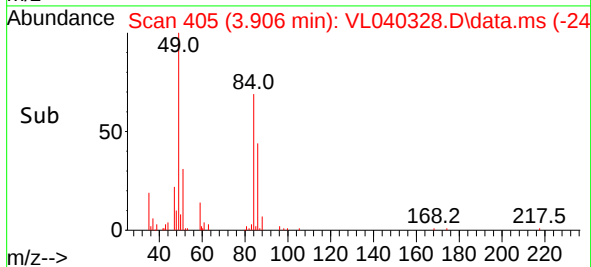
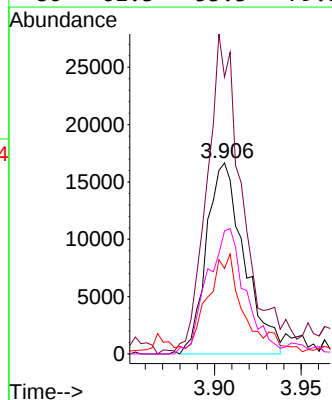
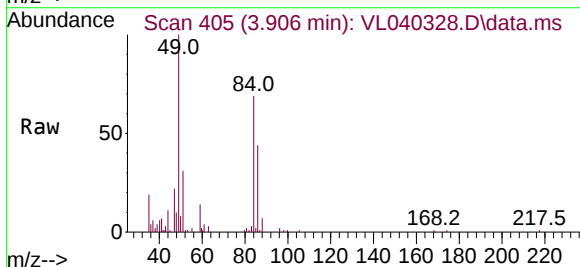
Manual Integrations
APPROVED

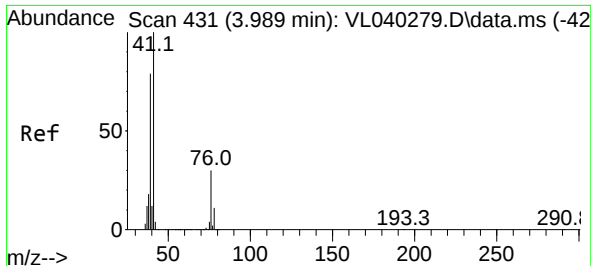
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#20
Methylene Chloride
Concen: 0.555 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

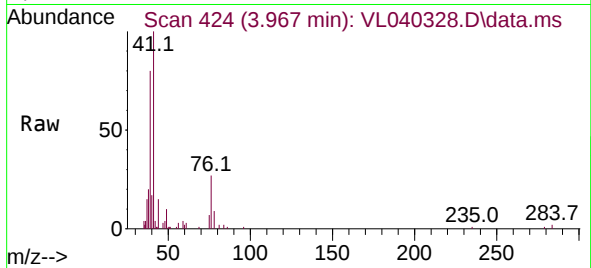
Tgt Ion: 84 Resp: 25257
Ion Ratio Lower Upper
84 100
49 139.5 117.5 176.3
51 40.8 36.9 55.3
86 61.3 53.3 79.9





#21
 Allyl Chloride
 Concen: 0.439 ppbv
 RT: 3.967 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

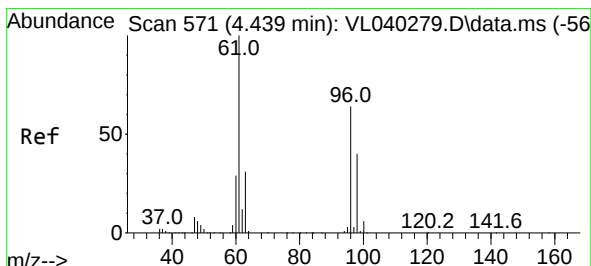
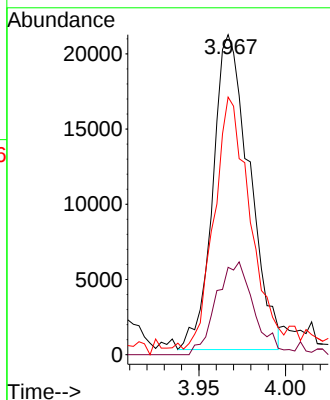
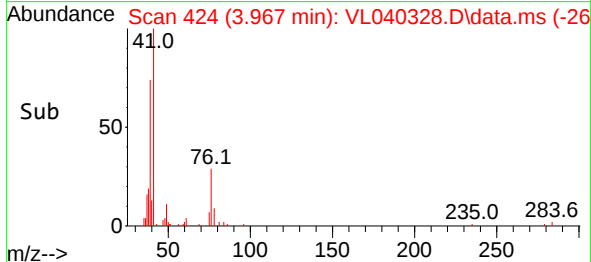
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 41 Resp: 30735
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.4 38.0
 39 92.0 65.4 98.2

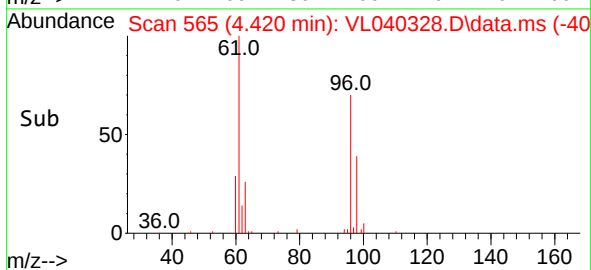
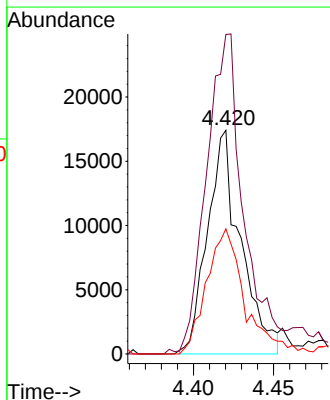
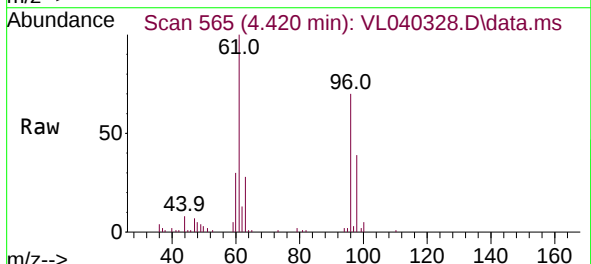
Manual Integrations
 APPROVED

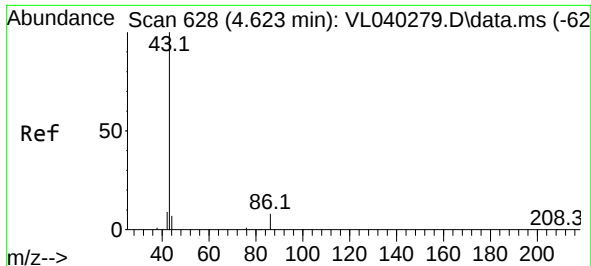
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.484 ppbv m
 RT: 4.420 min Scan# 565
 Delta R.T. 0.013 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

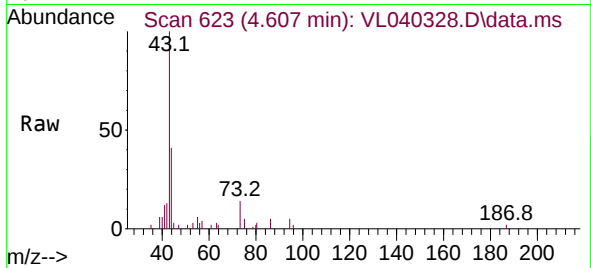
Tgt Ion: 96 Resp: 25074
 Ion Ratio Lower Upper
 96 100
 61 142.8 125.4 188.2
 98 55.9 49.8 74.6





#23
 Vinyl Acetate
 Concen: 0.428 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

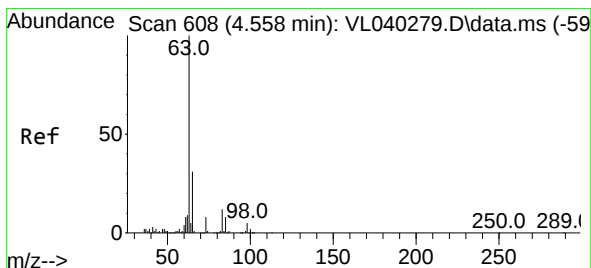
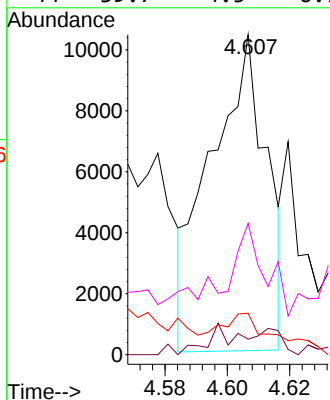
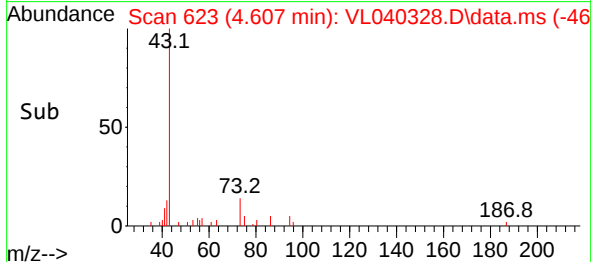
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 43 Resp: 12879
 Ion Ratio Lower Upper
 43 100
 86 9.0 5.0 7.4
 42 12.4 9.1 13.7
 44 39.7 4.5 6.7#

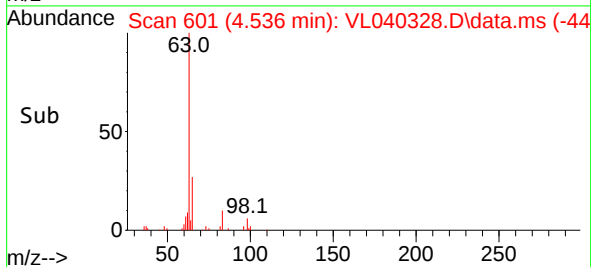
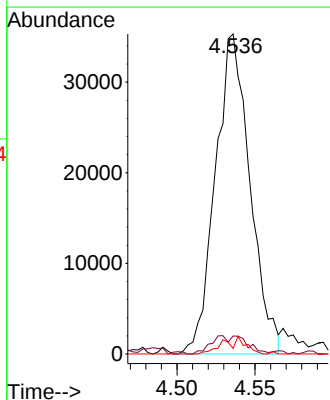
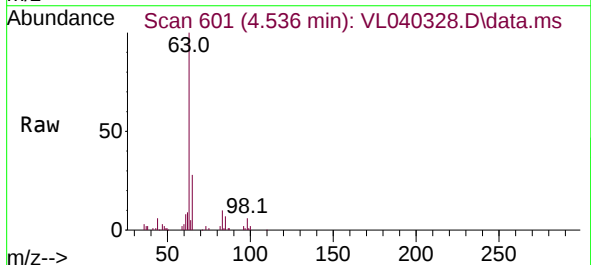
Manual Integrations
 APPROVED

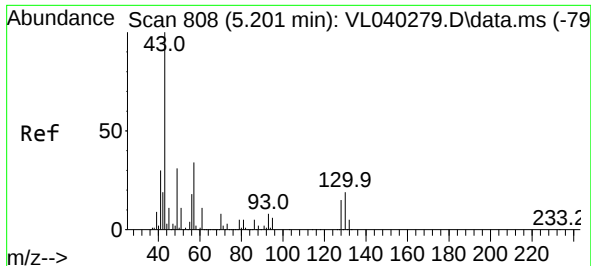
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#24
 1,1-Dichloroethane
 Concen: 0.508 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. 0.010 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Tgt Ion: 63 Resp: 54510
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.4 7.2
 100 1.7 1.2 3.6





#25

Ethyl Acetate

Concen: 0.465 ppbv

RT: 5.185 min Scan# 803

Delta R.T. 0.019 min

Lab File: VL040328.D

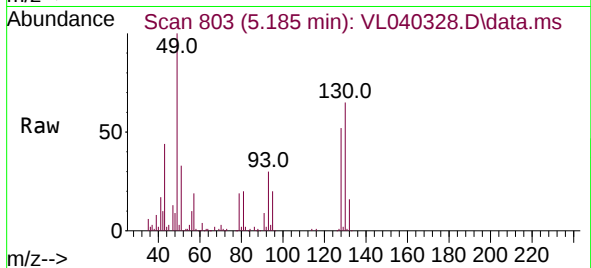
Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

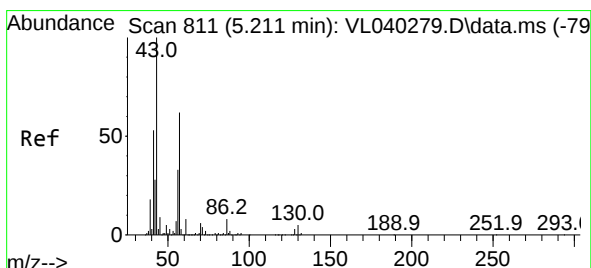
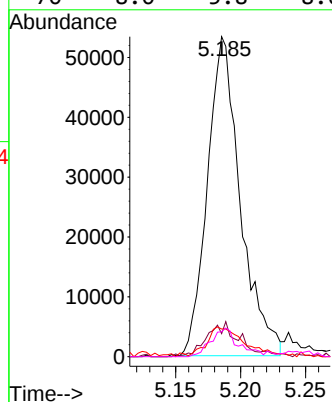
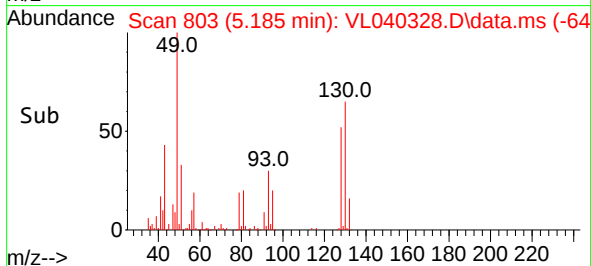
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:	43	Resp:	9405
Ion Ratio	Lower	Upper	
43	100		
45	11.0	8.6	12.8
61	11.3	8.4	12.6
70	8.0	5.8	8.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#26

Hexane

Concen: 0.434 ppbv

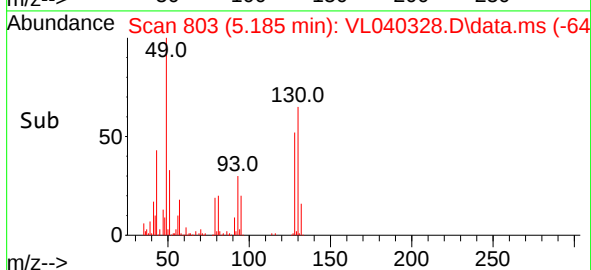
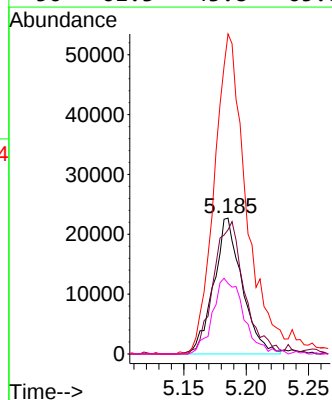
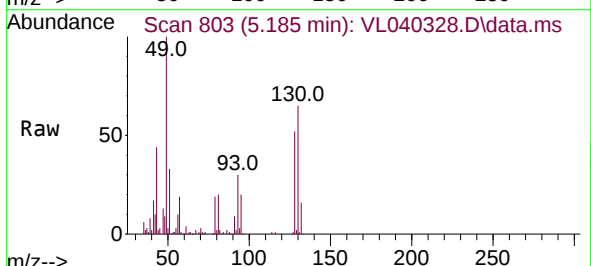
RT: 5.185 min Scan# 803

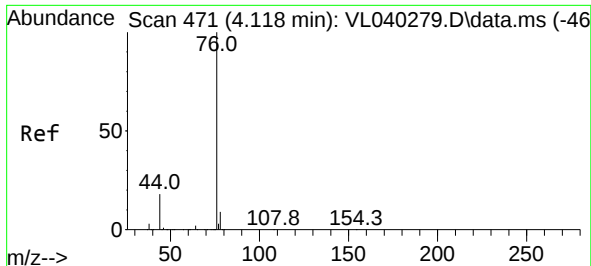
Delta R.T. 0.006 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:	57	Resp:	36060
Ion Ratio	Lower	Upper	
57	100		
41	109.6	73.5	110.3
43	279.1	196.3	294.5
56	61.3	43.8	65.8





#27

Carbon Disulfide

Concen: 0.413 ppbv

RT: 4.099 min Scan# 4

Delta R.T. 0.010 min

Lab File: VL040328.D

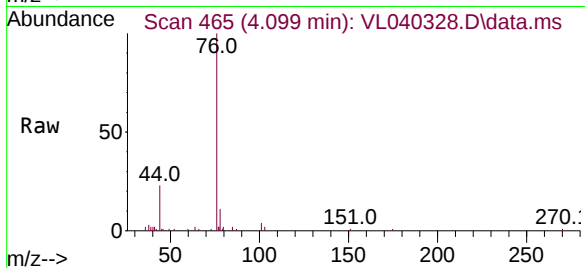
Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

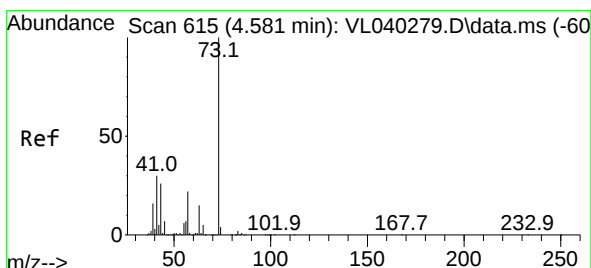
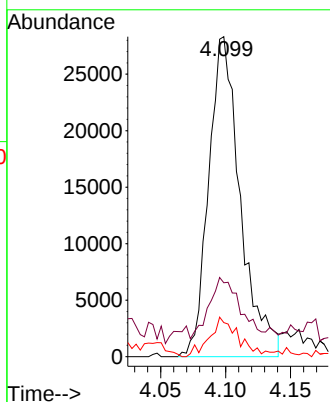
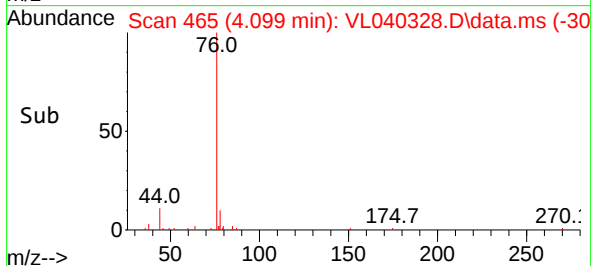


Tgt Ion:	76	Resp:	47915
Ion Ratio	100	Lower	Upper
76	100		
44	21.7	15.2	22.8
78	12.3	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#28

Methyl tert-Butyl Ether

Concen: 0.465 ppbv

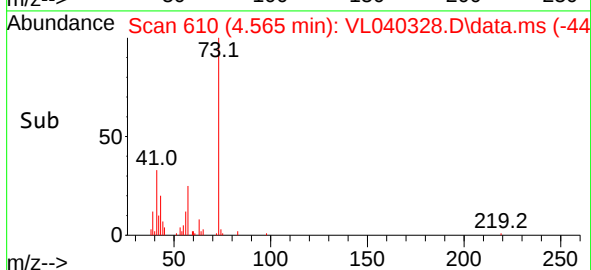
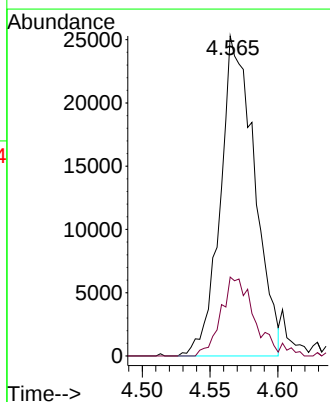
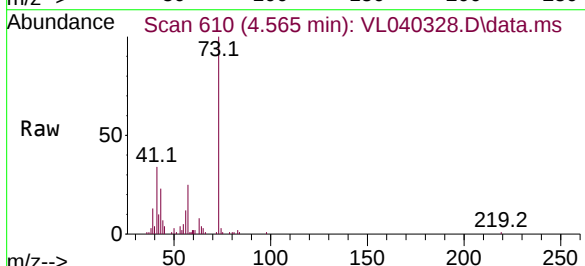
RT: 4.565 min Scan# 610

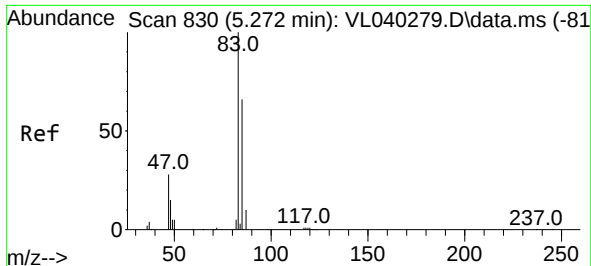
Delta R.T. 0.016 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:	73	Resp:	44383
Ion Ratio	100	Lower	Upper
73	100		
57	24.5	18.4	27.6





#29

Chloroform

Concen: 0.520 ppbv

RT: 5.243 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 83 Resp: 76244

Ion Ratio Lower Upper

83 100

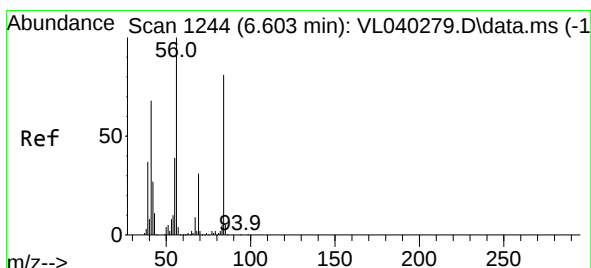
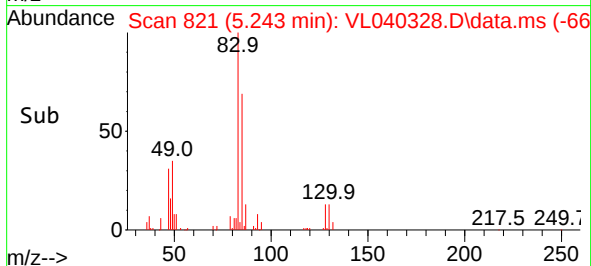
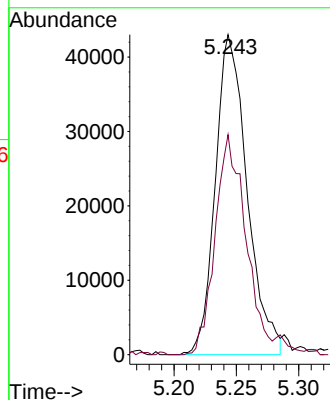
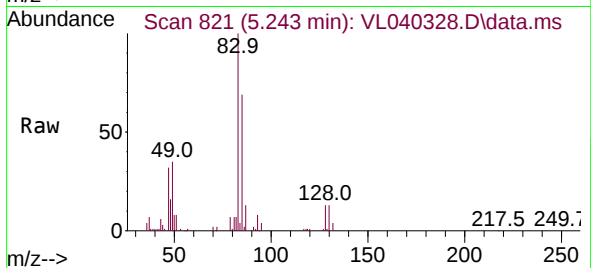
85 69.1 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#30

Cyclohexane

Concen: 0.366 ppbv m

RT: 6.581 min Scan# 1237

Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

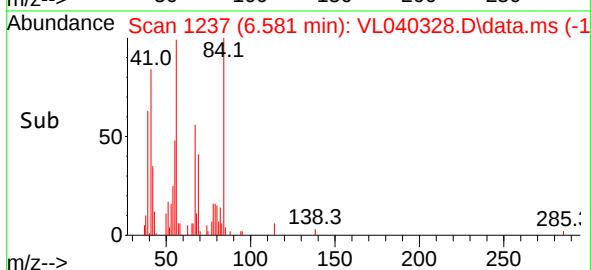
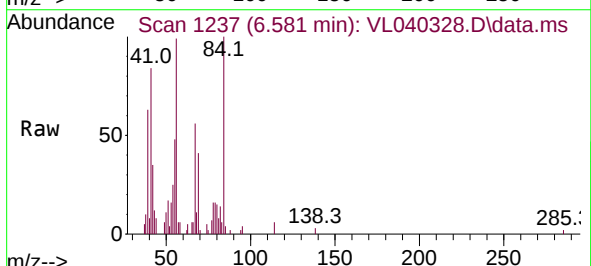
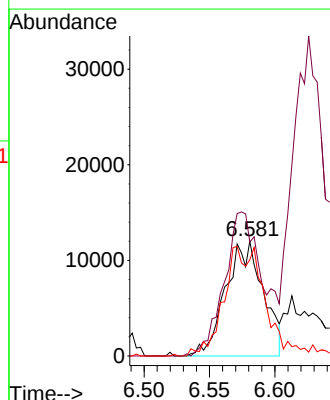
Tgt Ion: 84 Resp: 23961

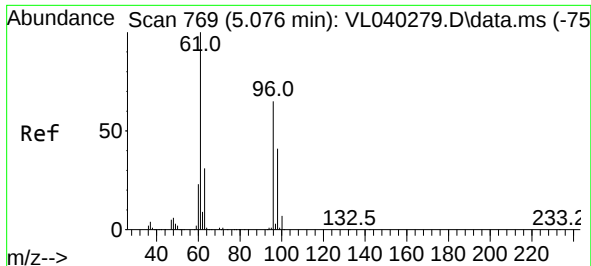
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

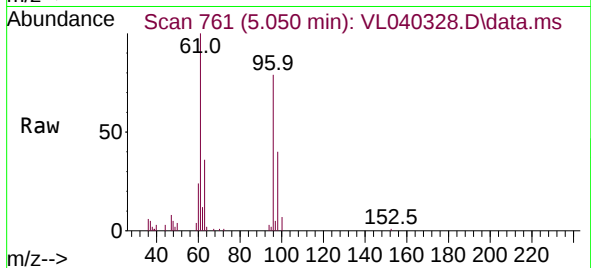
41 0.0 67.9 101.9#





#31
 cis-1,2-Dichloroethene
 Concen: 0.459 ppbv
 RT: 5.050 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

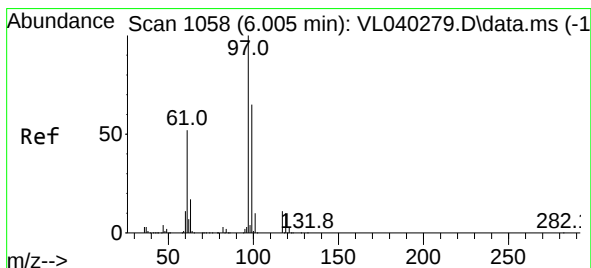
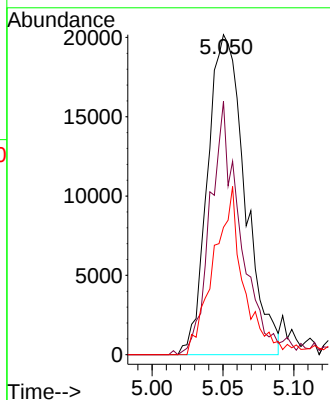
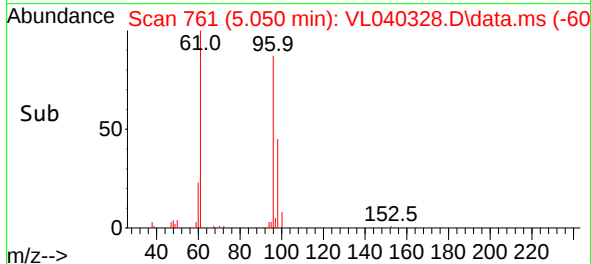
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



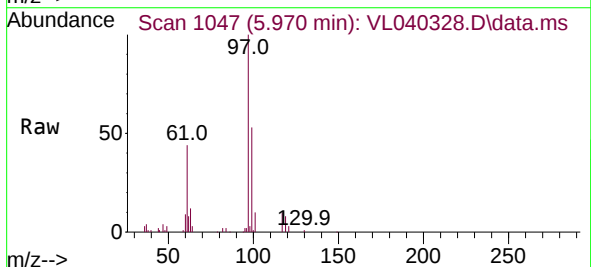
Tgt Ion: 61 Resp: 37159
 Ion Ratio Lower Upper
 61 100
 96 79.1 51.8 77.8
 98 39.8 32.5 48.7

Manual Integrations
 APPROVED

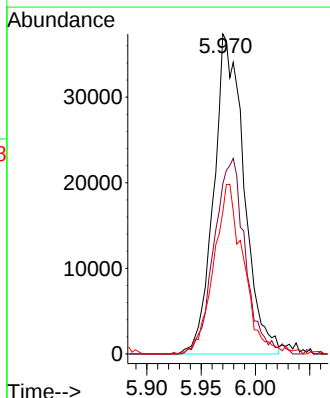
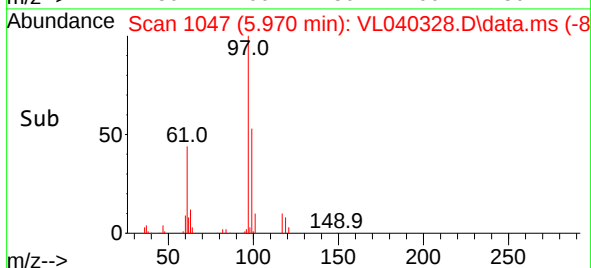
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

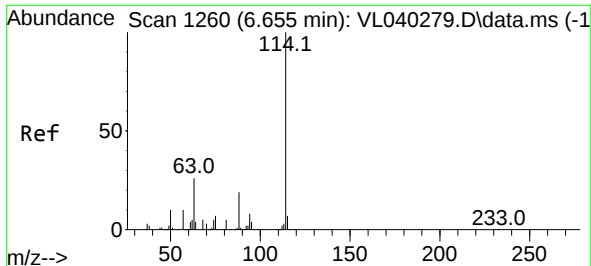


#32
 1,1,1-Trichloroethane
 Concen: 0.514 ppbv m
 RT: 5.970 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02



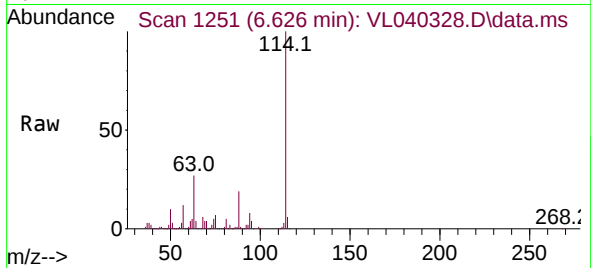
Tgt Ion: 97 Resp: 72257
 Ion Ratio Lower Upper
 97 100
 99 63.2 52.2 78.2
 61 53.3 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

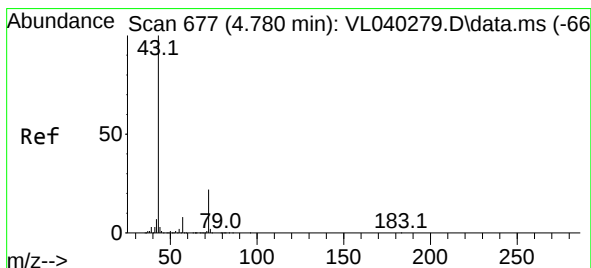
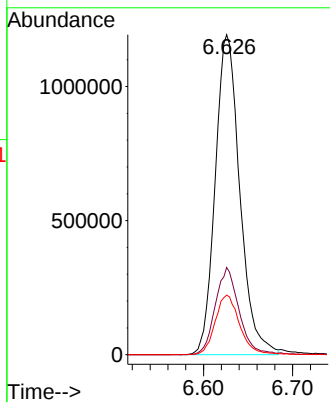
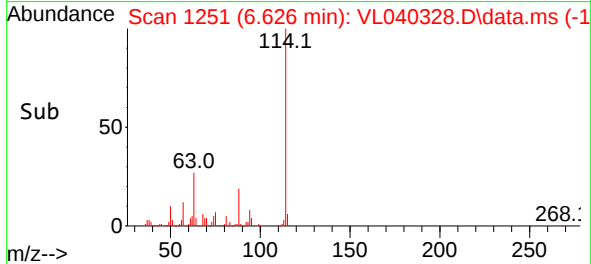
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:114 Resp: 2288120
Ion Ratio Lower Upper
114 100
63 26.7 21.2 31.8
88 18.7 14.5 21.7

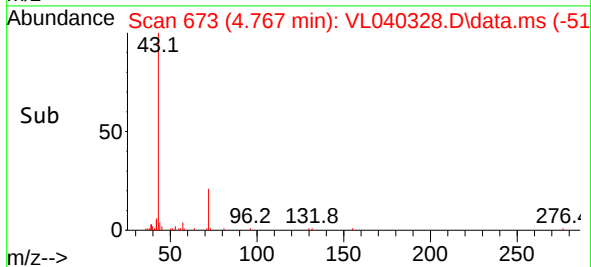
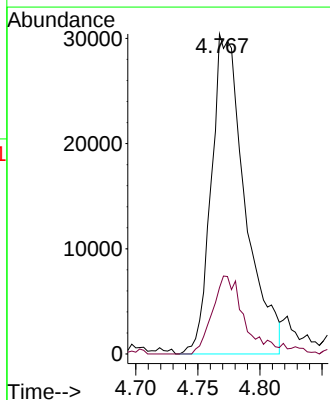
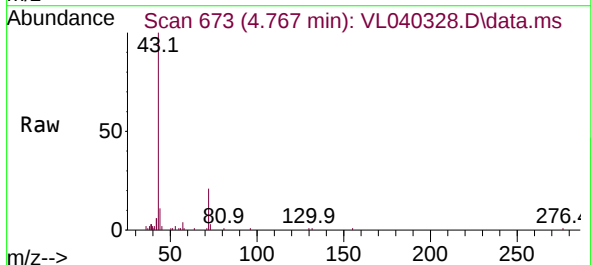
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APPROVED

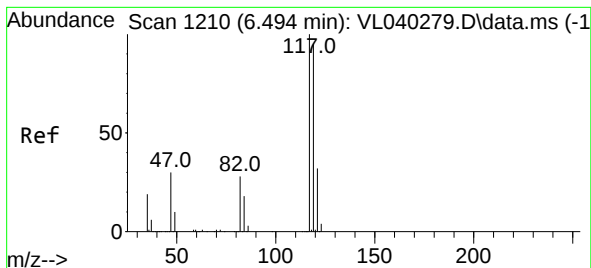
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#34
2-Butanone
Concen: 0.508 ppbv m
RT: 4.767 min Scan# 673
Delta R.T. 0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 43 Resp: 57348
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5#





#35

Carbon Tetrachloride

Concen: 0.495 ppbv m

RT: 6.472 min Scan# 1163

Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

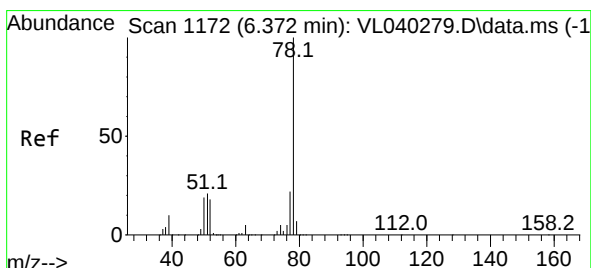
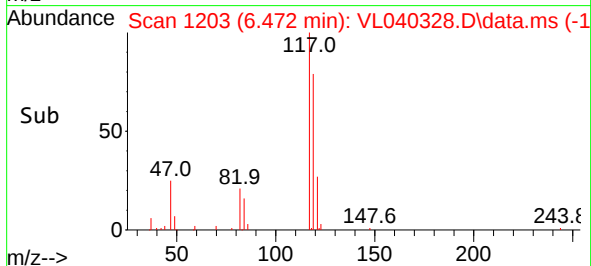
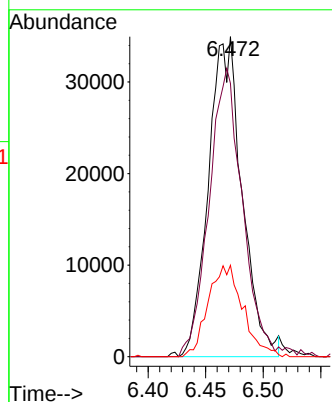
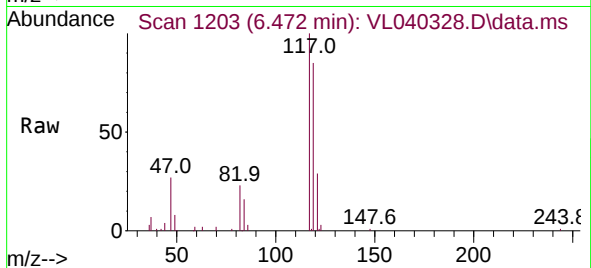
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:117	Resp:	71034
Ion Ratio	Lower	Upper
117	100	
119	85.4	76.4 114.6
121	28.5	25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#36

Benzene

Concen: 0.423 ppbv

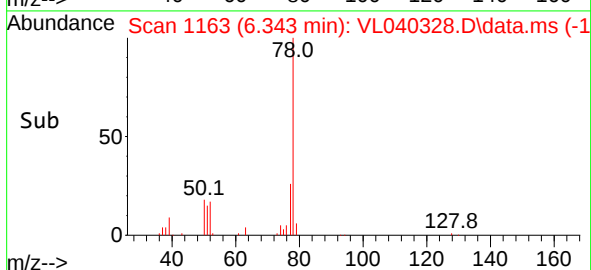
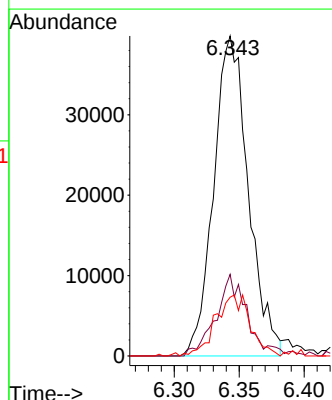
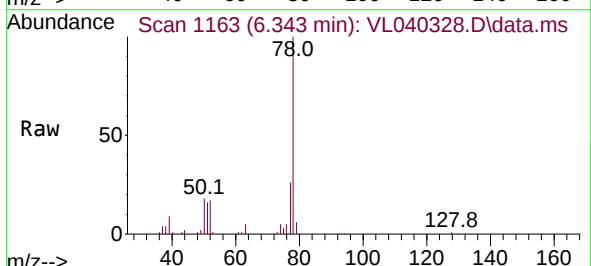
RT: 6.343 min Scan# 1163

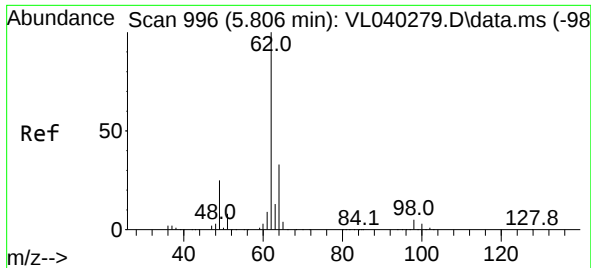
Delta R.T. 0.006 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion: 78	Resp:	73815
Ion Ratio	Lower	Upper
78	100	
77	25.5	17.8 26.8
50	18.3	15.4 23.2





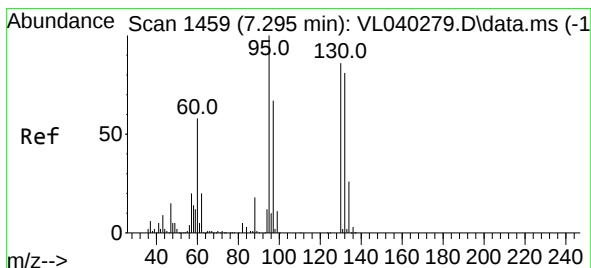
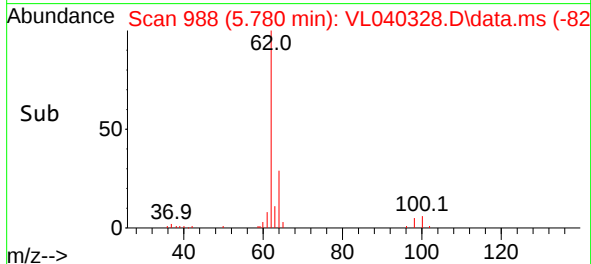
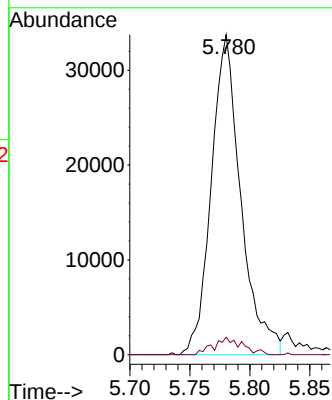
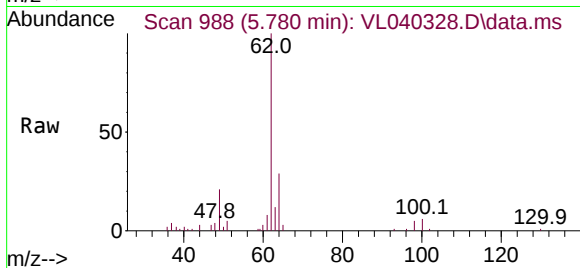
#37
1,2-Dichloroethane
Concen: 0.509 ppbv
RT: 5.780 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 62 Resp: 5773
Ion Ratio Lower Upper
62 100
98 5.2 4.3 6.5

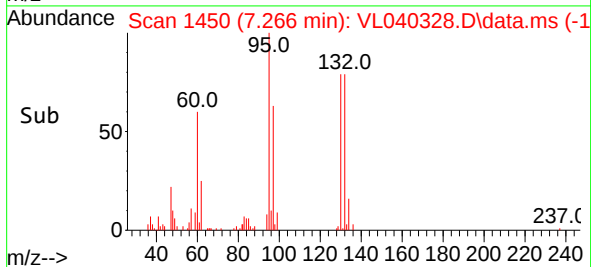
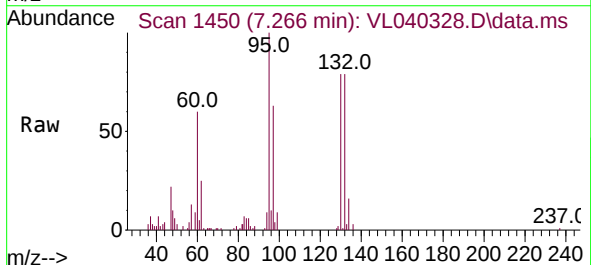
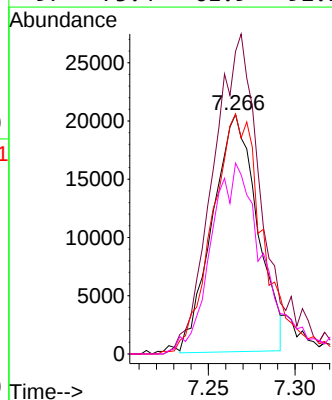
Manual Integrations
APPROVED

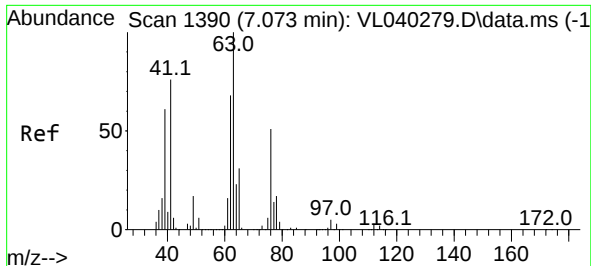
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Trichloroethene
Concen: 0.384 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:130 Resp: 36631
Ion Ratio Lower Upper
130 100
95 119.8 93.0 139.4
132 95.9 75.3 112.9
97 73.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.437 ppbv

RT: 7.047 min Scan# 1390

Delta R.T. 0.010 min

Lab File: VL040328.D

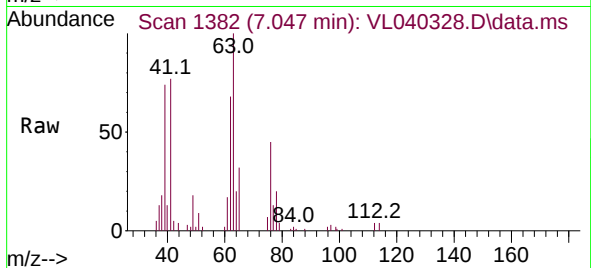
Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

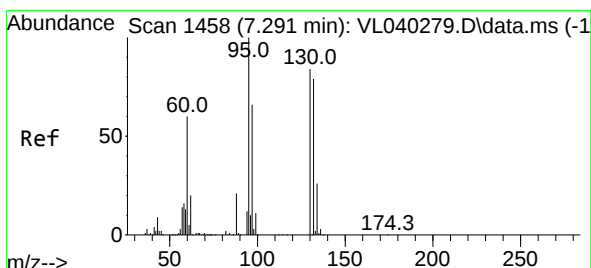
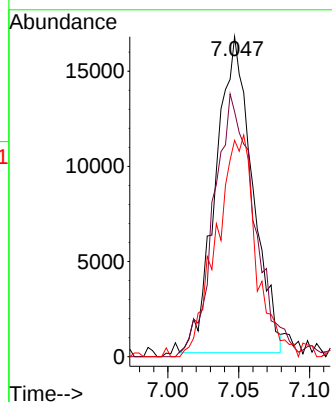
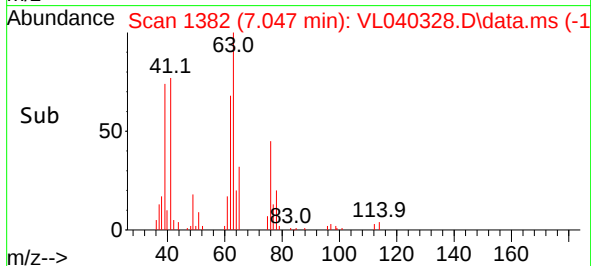


Tgt Ion:	63	Resp:	2991
Ion Ratio	Lower	Upper	
63	100		
41	75.8	60.8	91.2
62	68.5	54.1	81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#40

1,4-Dioxane

Concen: 0.387 ppbv

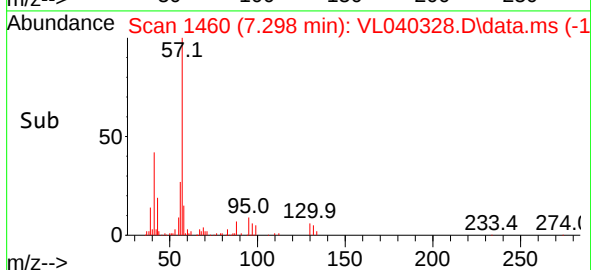
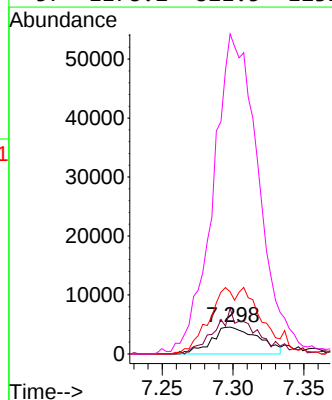
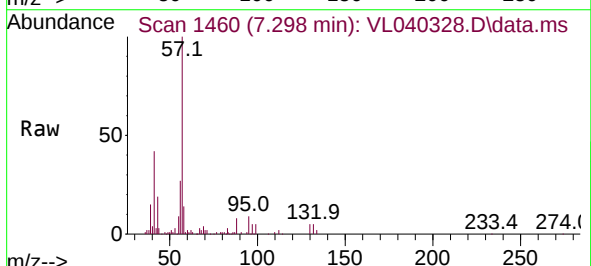
RT: 7.298 min Scan# 1460

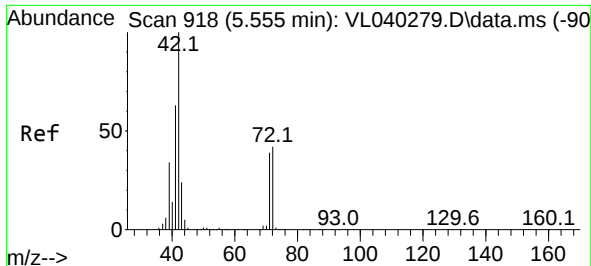
Delta R.T. 0.048 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:	88	Resp:	10472
Ion Ratio	Lower	Upper	
88	100		
58	154.1	96.0	144.0#
43	277.0	187.6	281.4
57	1178.2	821.5	1232.3





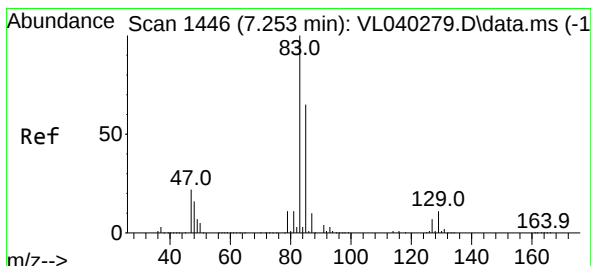
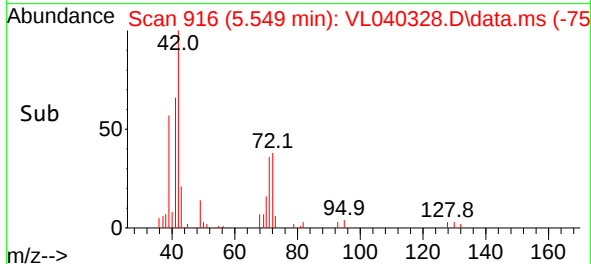
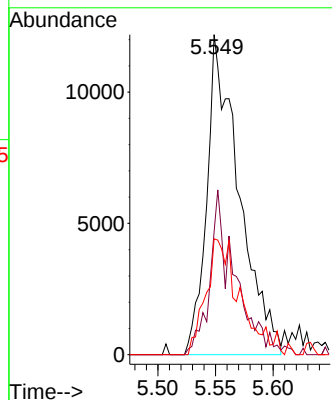
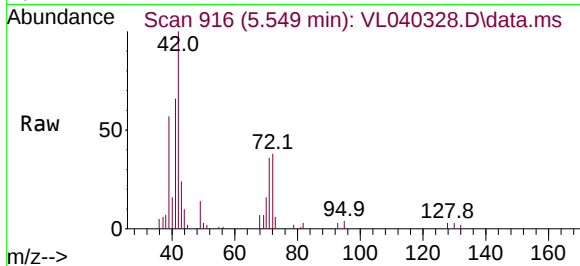
#41
Tetrahydrofuran
Concen: 0.364 ppbv m
RT: 5.549 min Scan# 918
Delta R.T. 0.029 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 42 Resp: 23698
Ion Ratio Lower Upper
42 100
72 41.0 32.6 49.0
71 39.9 31.0 46.4

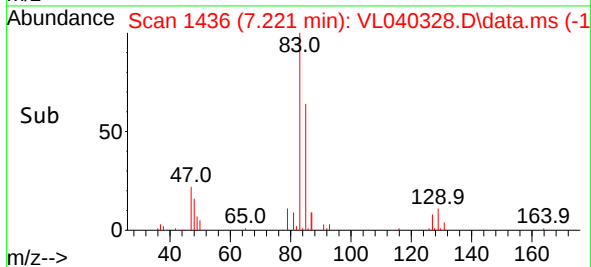
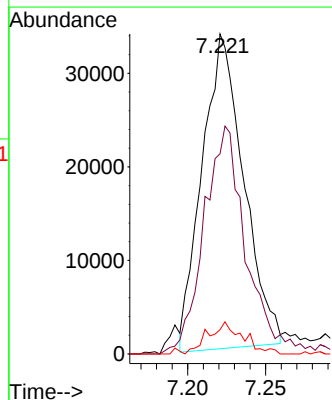
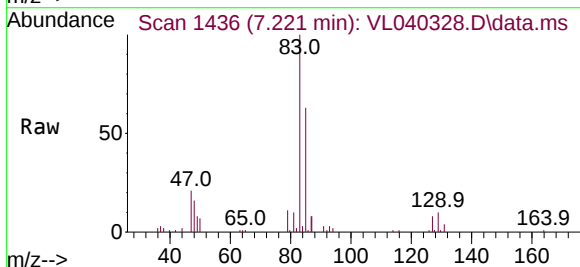
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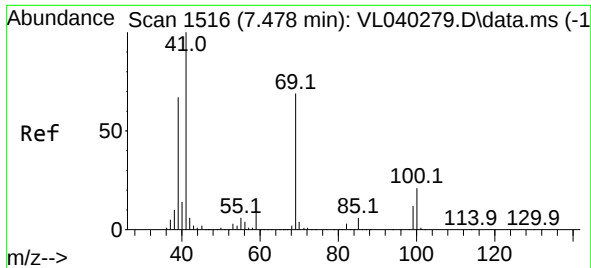
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#42
Bromodichloromethane
Concen: 0.403 ppbv
RT: 7.221 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

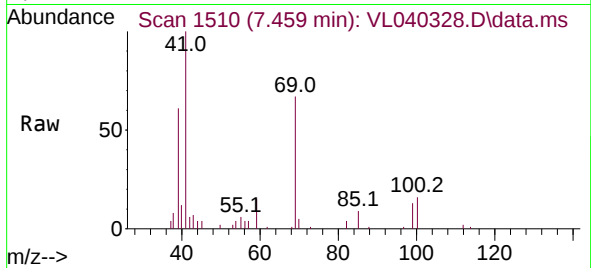
Tgt Ion: 83 Resp: 62491
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1
127 8.1 5.8 8.6





#43
Methyl Methacrylate
Concen: 0.341 ppbv
RT: 7.459 min Scan# 1510
Delta R.T. 0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

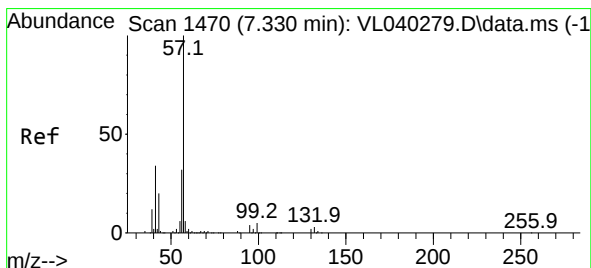
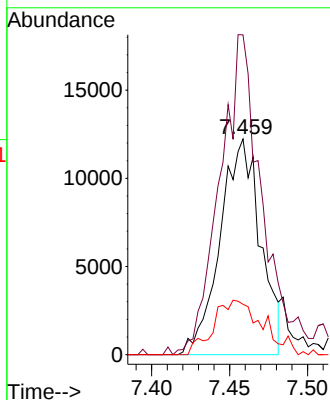
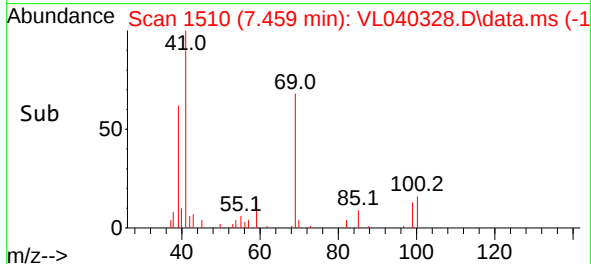
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 69 Resp: 22072
Ion Ratio Lower Upper
69 100
41 159.4 116.9 175.3
100 31.1 24.2 36.4

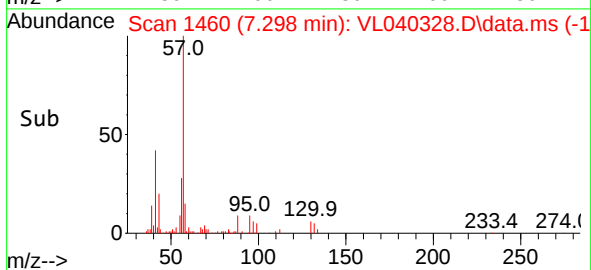
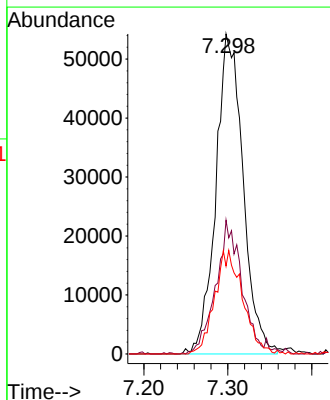
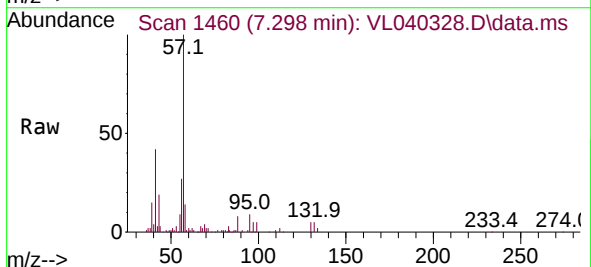
Manual Integrations
APPROVED

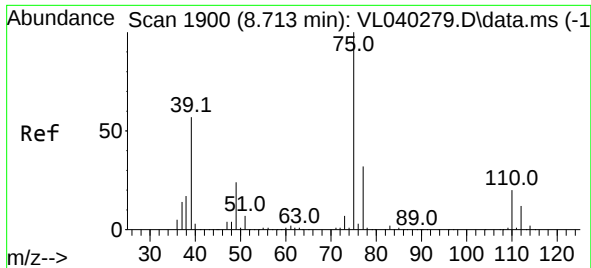
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#44
2,2,4-Trimethylpentane
Concen: 0.420 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

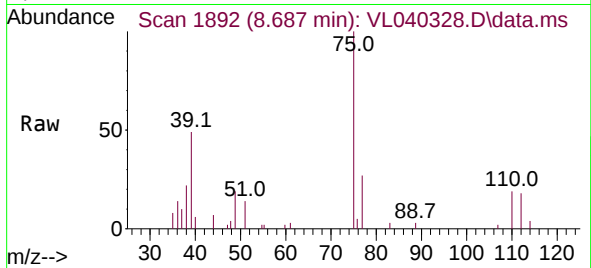
Tgt Ion: 57 Resp: 122010
Ion Ratio Lower Upper
57 100
41 41.2 26.8 40.2#
56 33.5 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.310 ppbv
RT: 8.687 min Scan# 1715
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

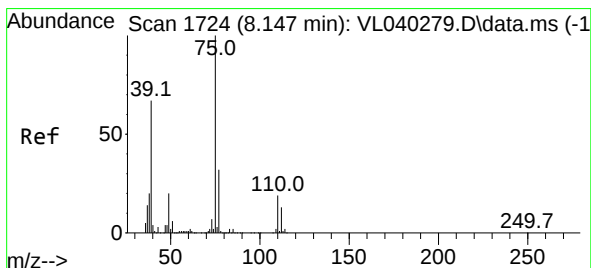
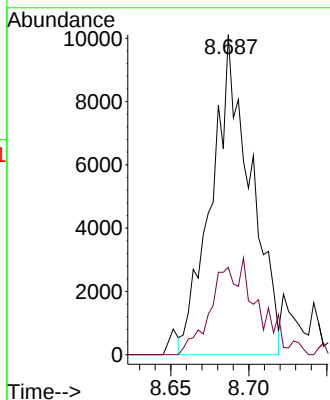
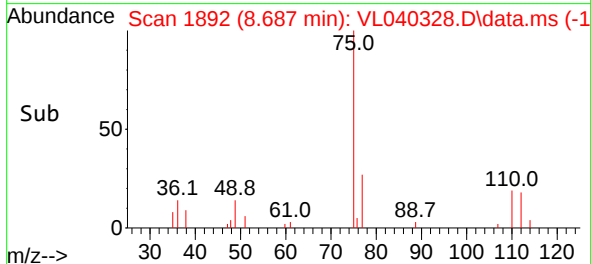
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 75 Resp: 17530
Ion Ratio Lower Upper
75 100
77 27.3 25.4 38.0

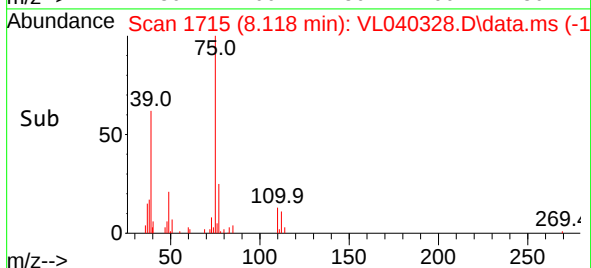
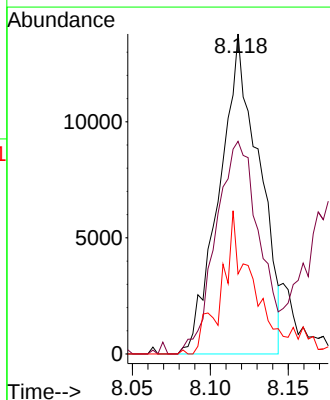
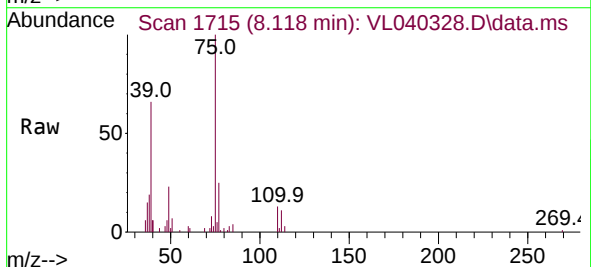
Manual Integrations
APPROVED

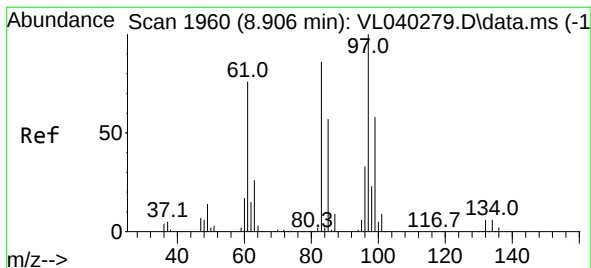
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#46
cis-1,3-Dichloropropene
Concen: 0.304 ppbv
RT: 8.118 min Scan# 1715
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 75 Resp: 24389
Ion Ratio Lower Upper
75 100
39 66.4 53.9 80.9
77 25.0 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.476 ppbv m

RT: 8.873 min Scan# 1960

Delta R.T. 0.010 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

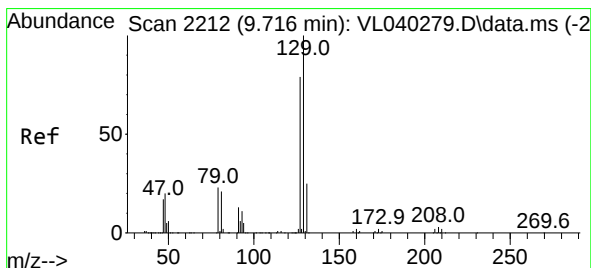
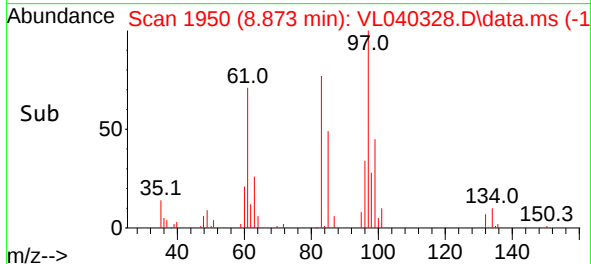
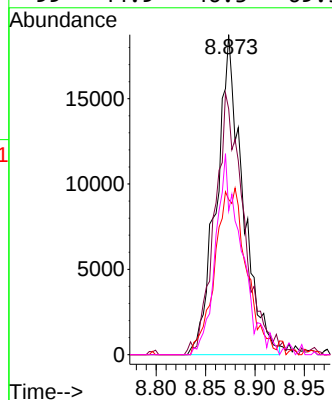
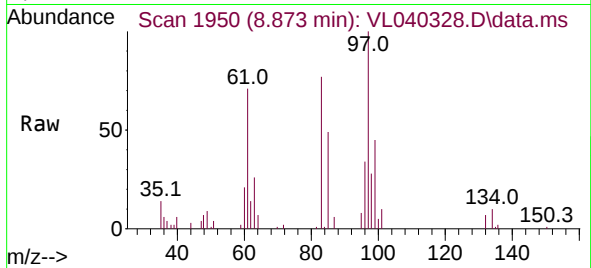
Tgt Ion: 97	Resp: 3477
Ion Ratio	Lower Upper
97 100	
83 76.8	68.6 103.0
85 48.5	46.0 69.0
99 44.9	46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#48

Dibromochloromethane

Concen: 0.406 ppbv m

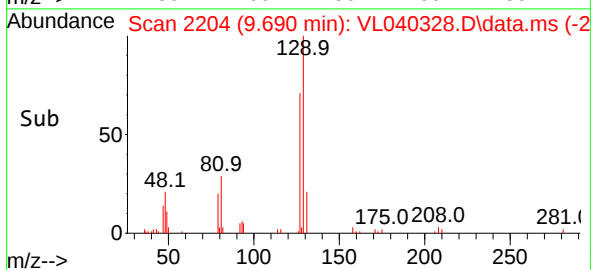
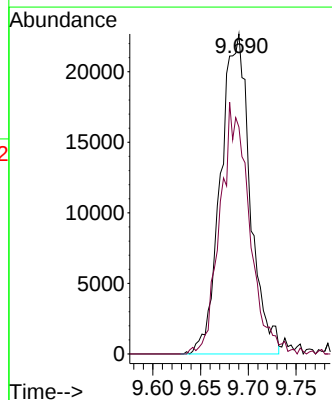
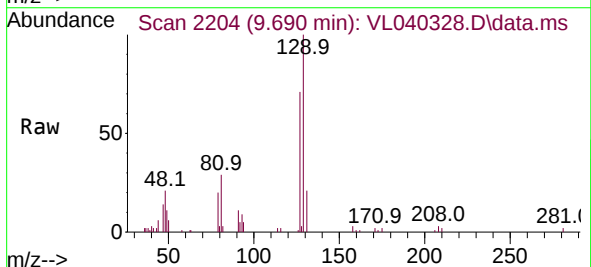
RT: 9.690 min Scan# 2204

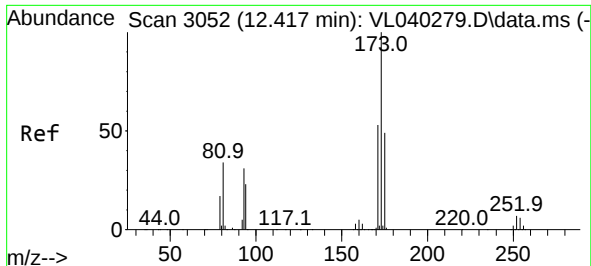
Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

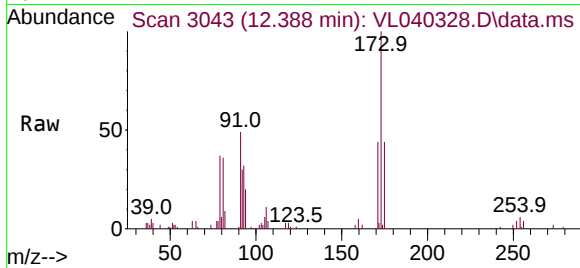
Tgt Ion: 129	Resp: 48813
Ion Ratio	Lower Upper
129 100	
127 78.2	39.1 117.5





#49
Bromoform
Concen: 0.391 ppbv m
RT: 12.388 min Scan# 3052
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

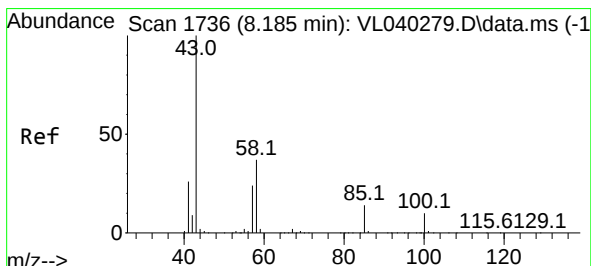
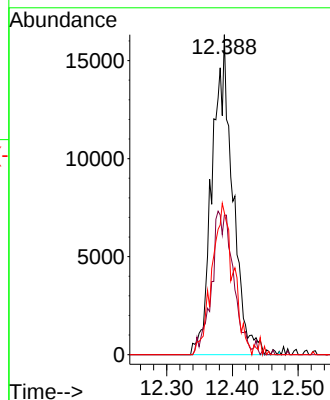
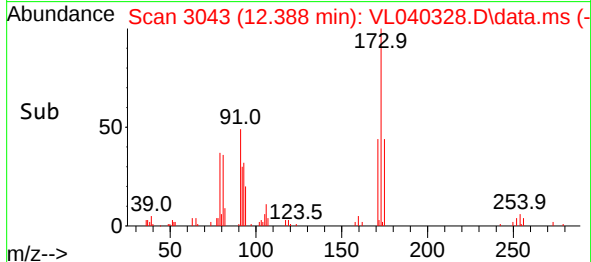
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 173 Resp: 35239
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8
171 50.0 42.2 63.4

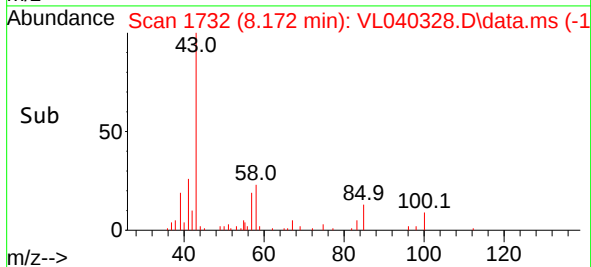
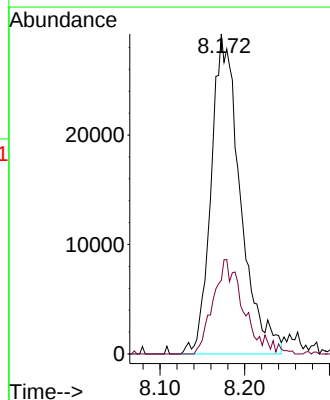
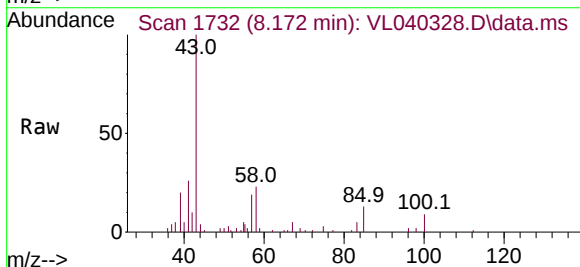
Manual Integrations
APPROVED

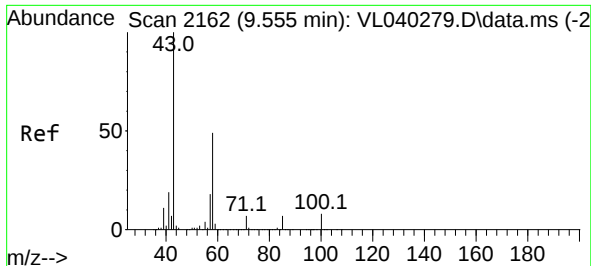
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#50
4-Methyl-2-Pentanone
Concen: 0.399 ppbv m
RT: 8.172 min Scan# 1732
Delta R.T. 0.026 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

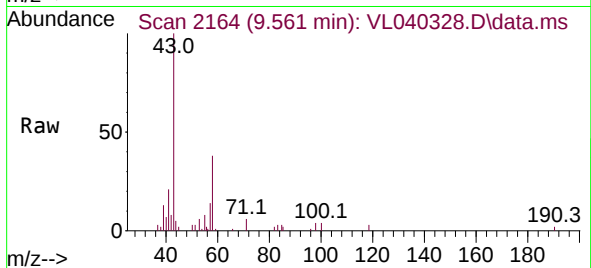
Tgt Ion: 43 Resp: 69771
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8





#51
2-Hexanone
Concen: 0.293 ppbv m
RT: 9.561 min Scan# 2164
Delta R.T. 0.045 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

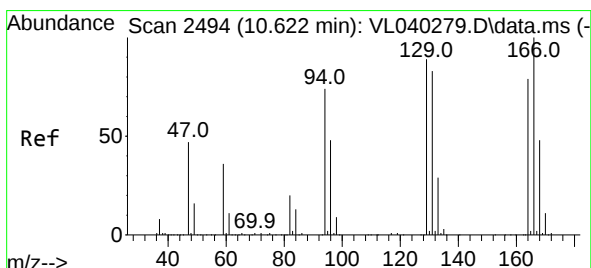
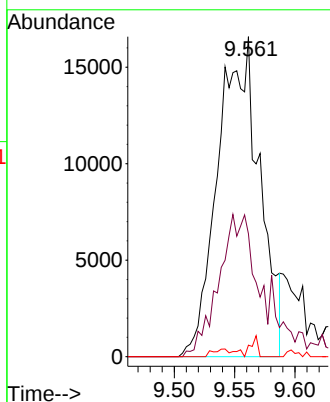
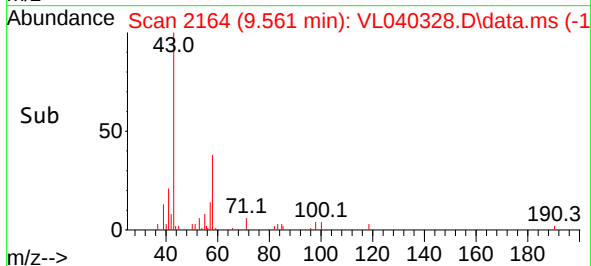
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



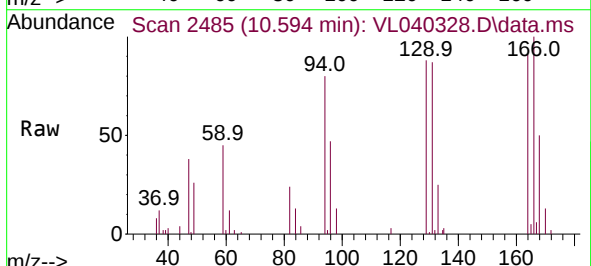
Tgt Ion: 43 Resp: 39714
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0
98 0.0 0.5 0.7

Manual Integrations
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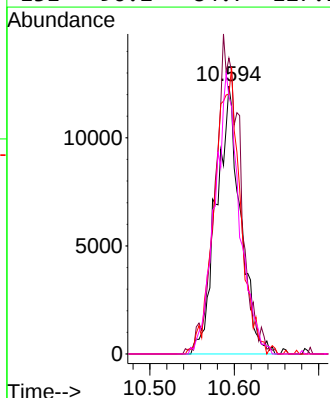
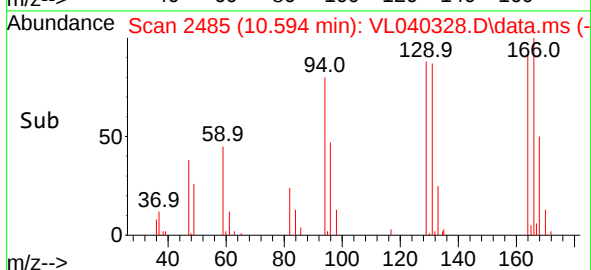
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

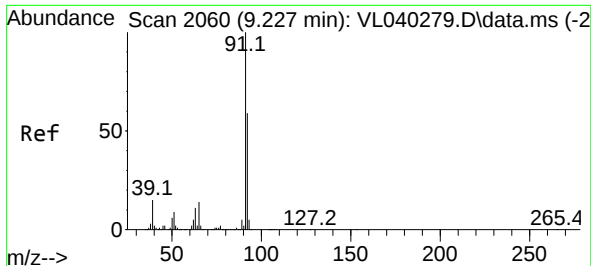


#52
Tetrachloroethene
Concen: 0.468 ppbv m
RT: 10.594 min Scan# 2485
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02



Tgt Ion:164 Resp: 24673
Ion Ratio Lower Upper
164 100
166 110.4 101.8 152.6
129 96.9 90.2 135.2
131 96.2 84.7 127.1





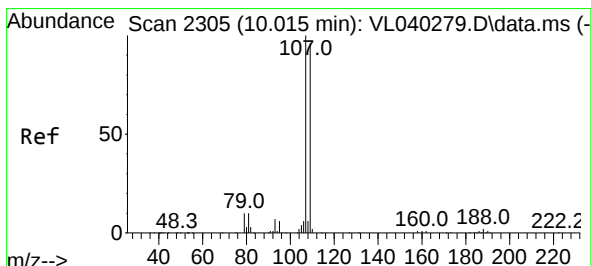
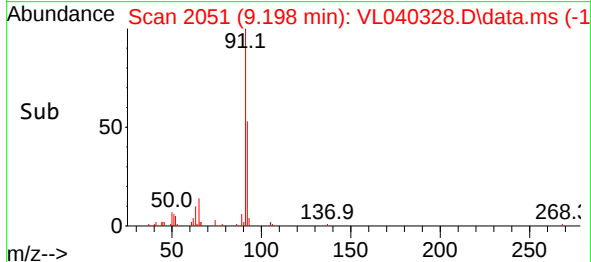
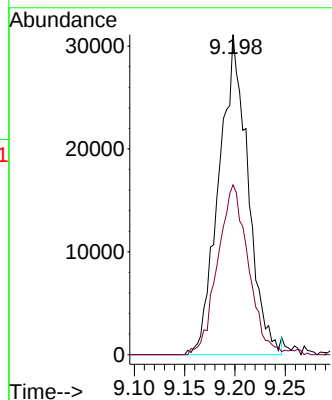
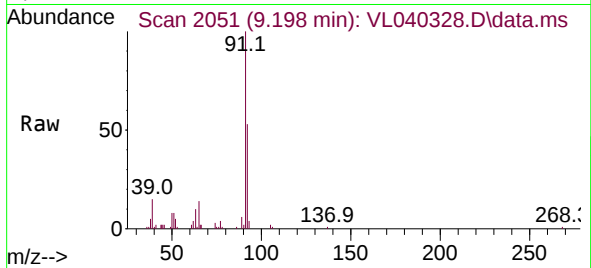
#53
Toluene
Concen: 0.342 ppbv m
RT: 9.198 min Scan# 2060
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 91 Resp: 62560
Ion Ratio Lower Upper
91 100
92 56.7 48.0 72.0

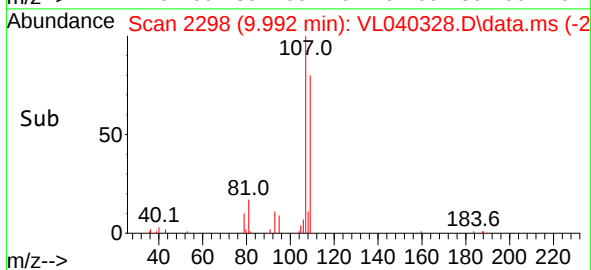
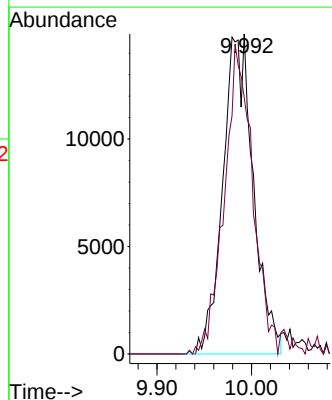
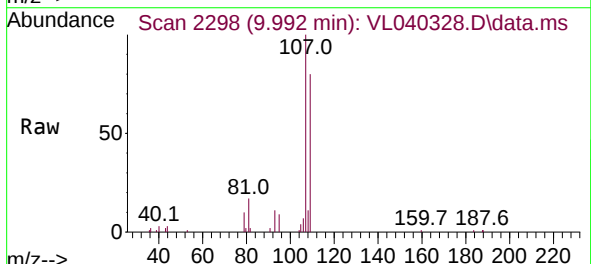
Manual Integrations
APPROVED

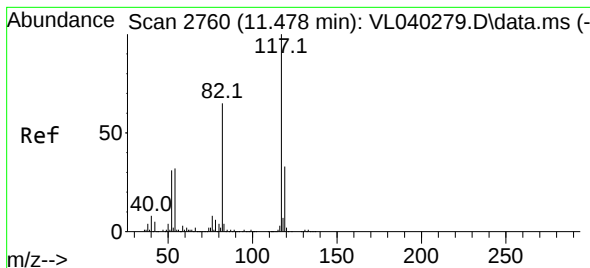
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#54
1,2-Dibromoethane
Concen: 0.442 ppbv m
RT: 9.992 min Scan# 2298
Delta R.T. 0.019 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

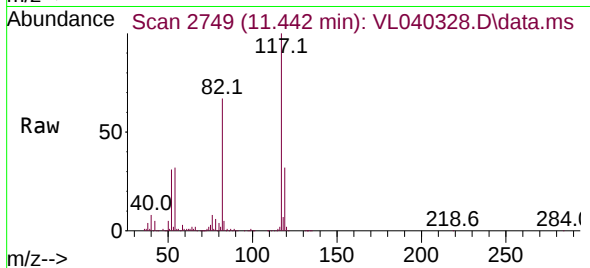
Tgt Ion:107 Resp: 33233
Ion Ratio Lower Upper
107 100
109 80.2 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

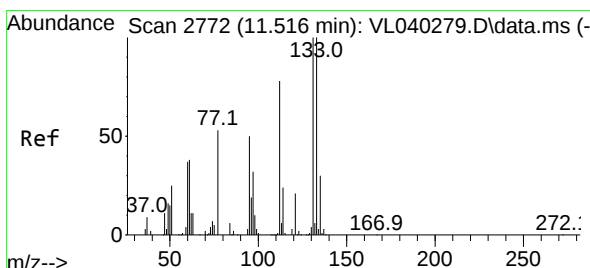
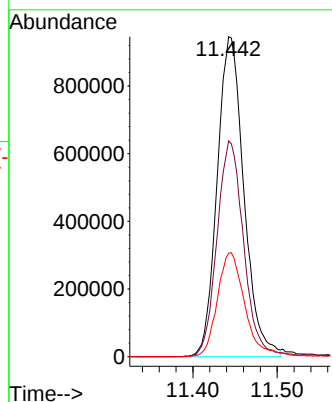
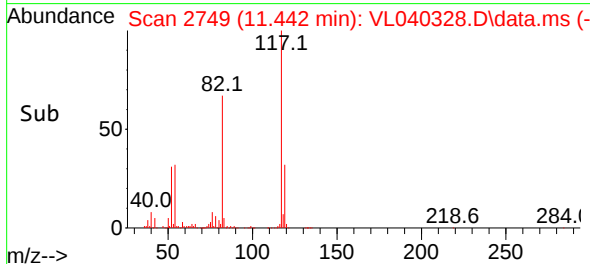
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



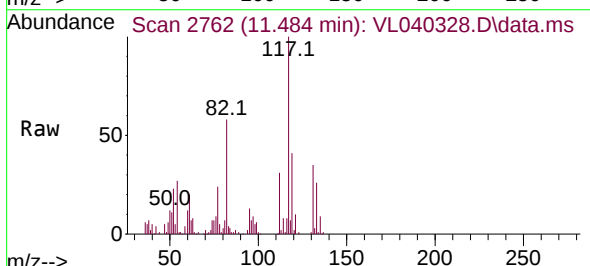
Tgt Ion:117 Resp: 2080379
Ion Ratio Lower Upper
117 100
82 68.2 51.4 77.2
119 33.6 24.0 36.0

Manual Integrations
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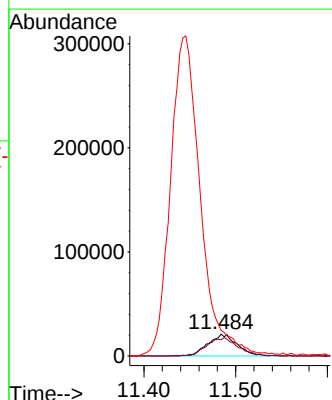
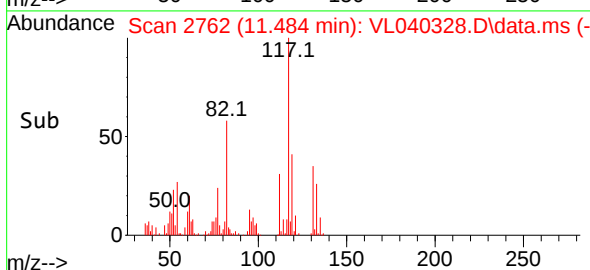
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

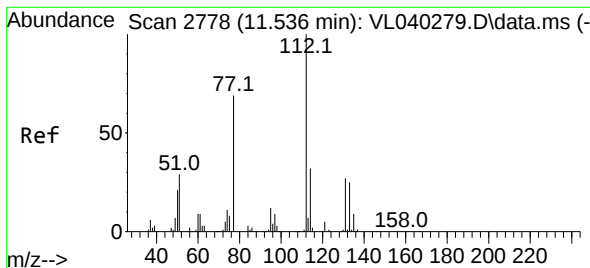


#56
1,1,1,2-Tetrachloroethane
Concen: 0.524 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.010 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02



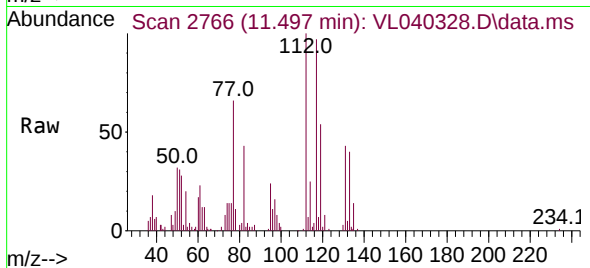
Tgt Ion:131 Resp: 45869
Ion Ratio Lower Upper
131 100
133 90.0 76.5 114.7
119 1522.5 47.9 71.9#





#57
Chlorobenzene
Concen: 0.494 ppbv m
RT: 11.497 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

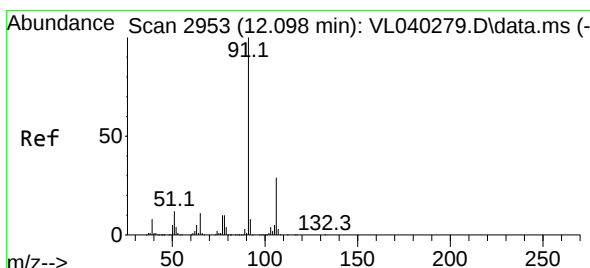
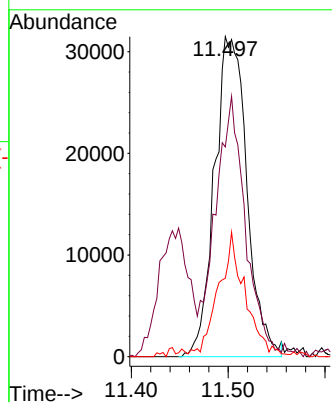
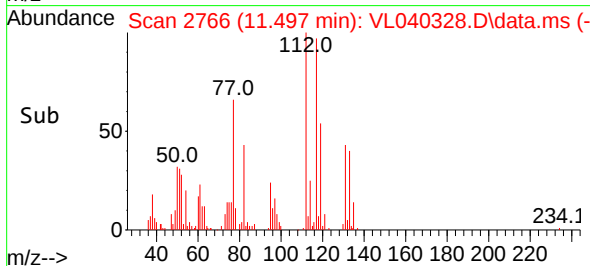
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion: 112 Resp: 7316
Ion Ratio Lower Upper
112 100
77 65.6 56.2 84.2
114 24.5 29.0 35.4

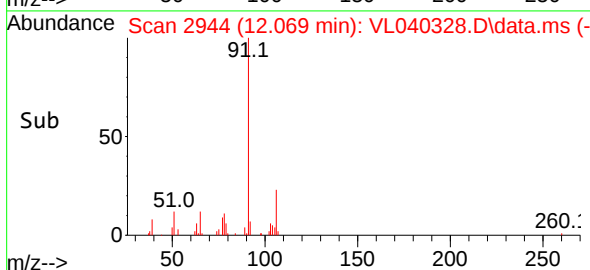
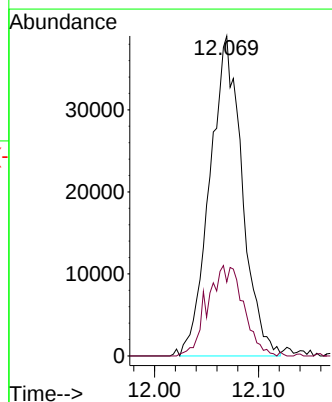
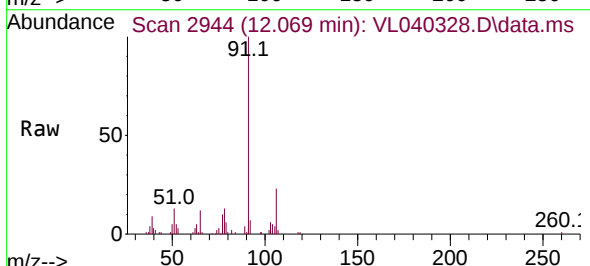
Manual Integrations
APPROVED

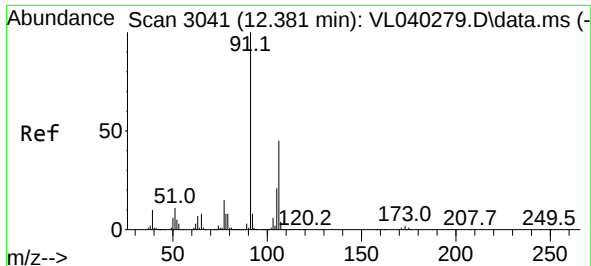
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#58
Ethyl Benzene
Concen: 0.356 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion: 91 Resp: 84263
Ion Ratio Lower Upper
91 100
106 22.4 23.4 35.2#





#59

m/p-Xylene

Concen: 0.777 ppbv m

RT: 12.352 min Scan# 3041

Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 91 Resp: 168654

Ion Ratio Lower Upper

91 100

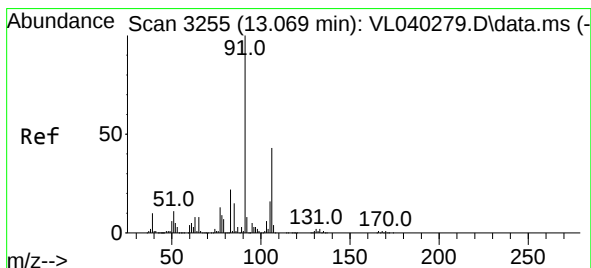
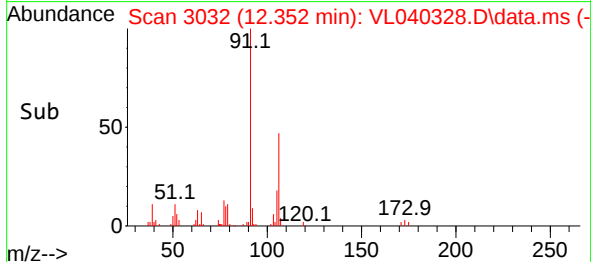
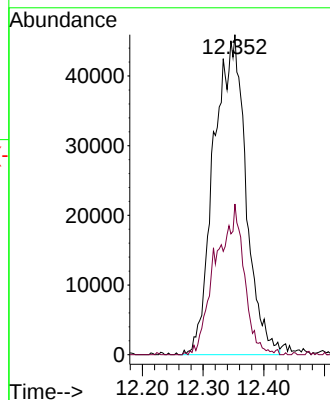
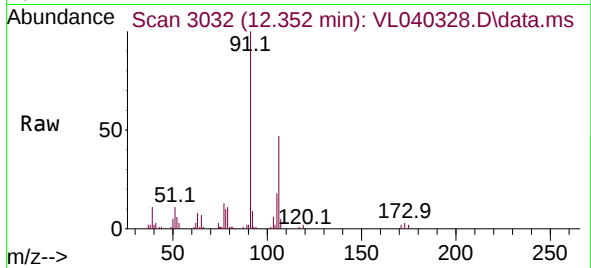
106 41.7 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#60

o-Xylene

Concen: 0.377 ppbv m

RT: 13.034 min Scan# 3244

Delta R.T. 0.010 min

Lab File: VL040328.D

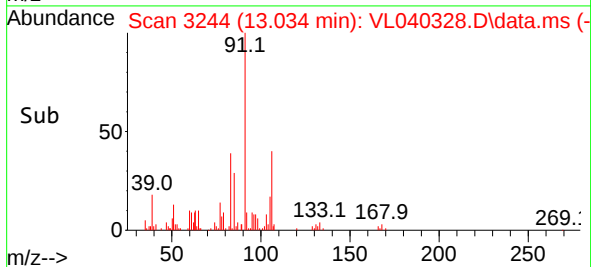
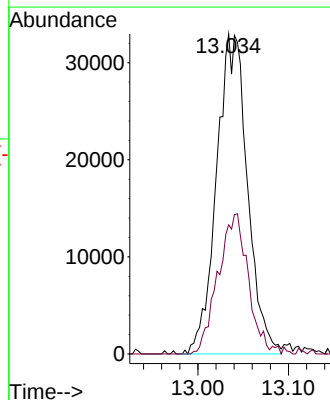
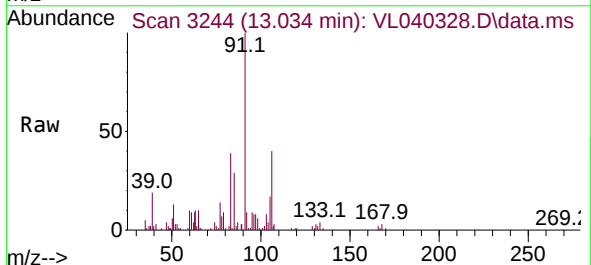
Acq: 10 Apr 2023 17:02

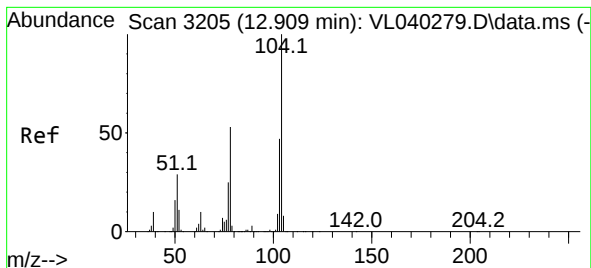
Tgt Ion: 91 Resp: 78287

Ion Ratio Lower Upper

91 100

106 0.0 21.7 65.1#





#61

Styrene

Concen: 0.276 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. 0.016 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

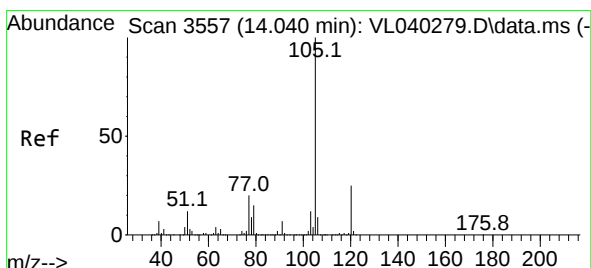
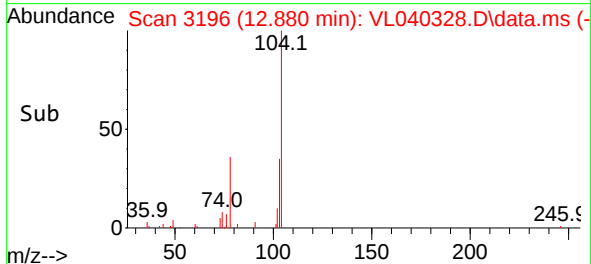
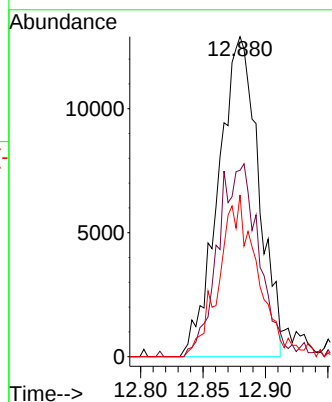
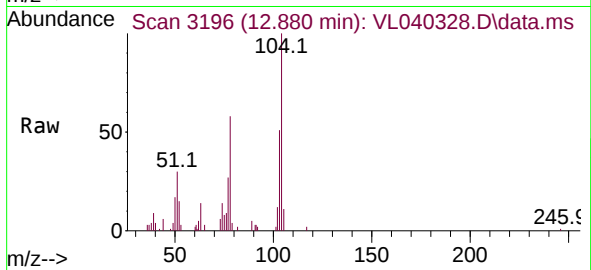
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:	104	Resp:	2902
Ion Ratio	Lower	Upper	
104	100		
78	62.6	43.7	65.5
103	49.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#62

Isopropylbenzene

Concen: 0.423 ppbv m

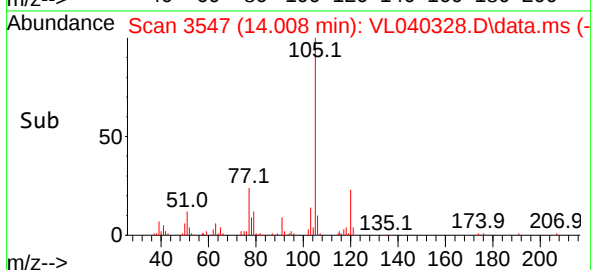
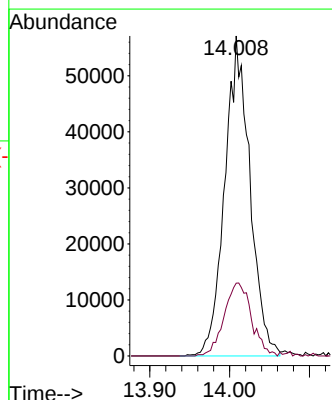
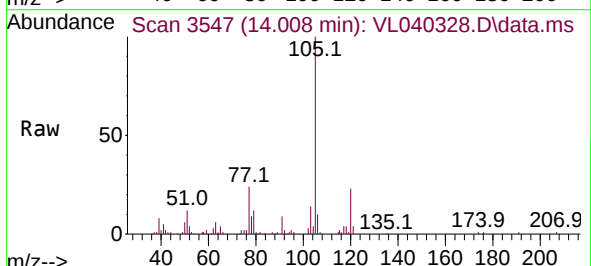
RT: 14.008 min Scan# 3547

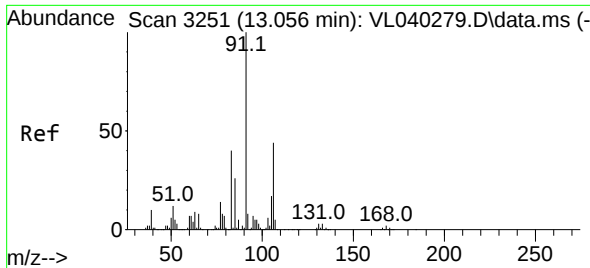
Delta R.T. 0.010 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

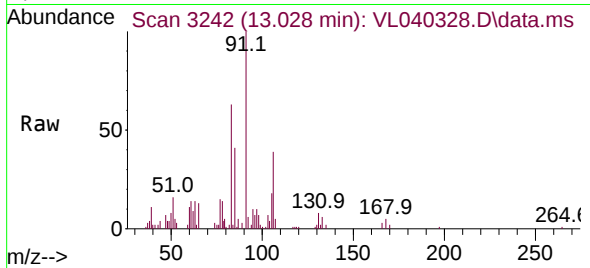
Tgt Ion:	105	Resp:	125092
Ion Ratio	Lower	Upper	
105	100		
120	25.3	19.9	29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.521 ppbv m
RT: 13.028 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

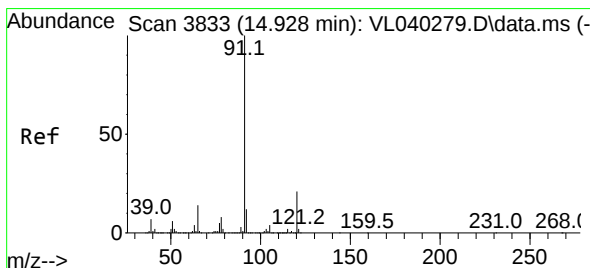
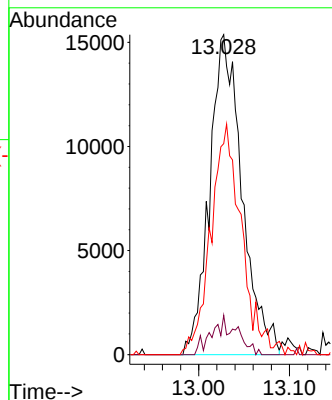
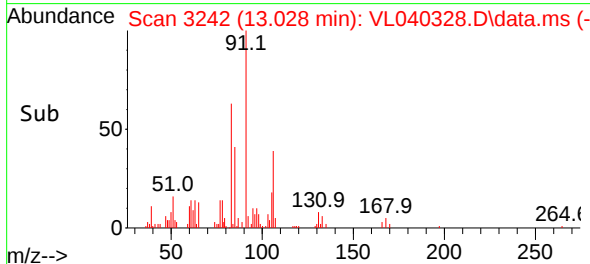
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



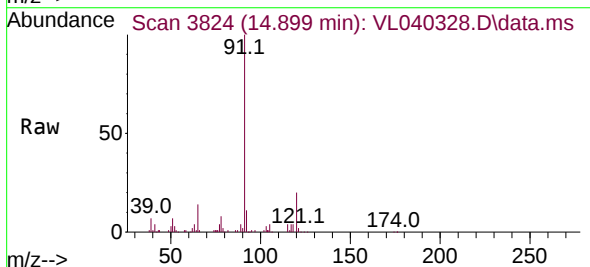
Tgt Ion: 83 Resp: 3804
Ion Ratio Lower Upper
83 100
131 9.4 4.3 12.9
85 69.6 32.7 98.1

Manual Integrations
APPROVED

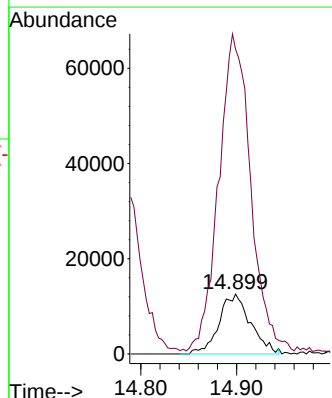
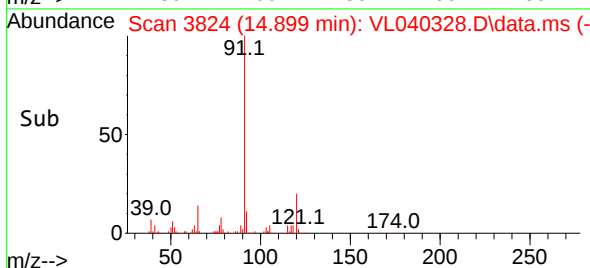
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

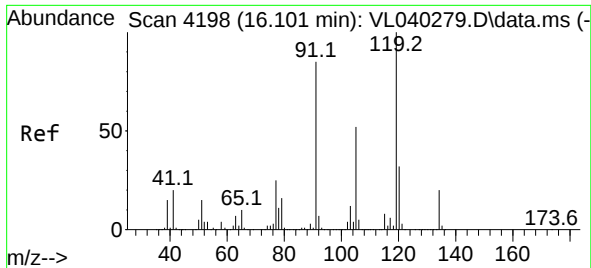


#64
n-propylbenzene
Concen: 0.397 ppbv m
RT: 14.899 min Scan# 3824
Delta R.T. 0.016 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02



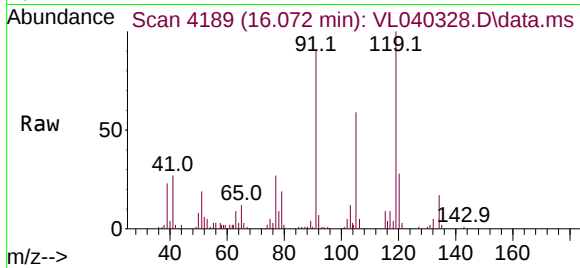
Tgt Ion:120 Resp: 28717
Ion Ratio Lower Upper
120 100
91 552.9 399.0 598.6





#65
tert-Butylbenzene
Concen: 0.387 ppbv
RT: 16.072 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

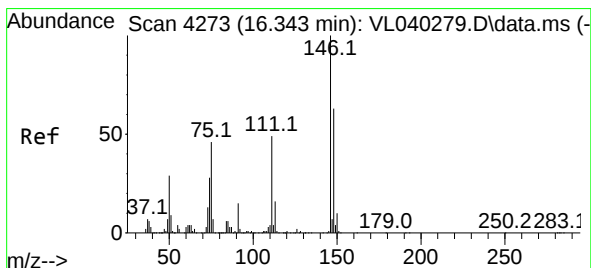
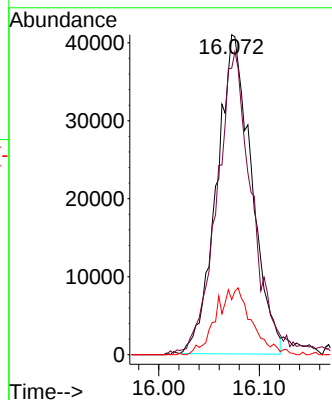
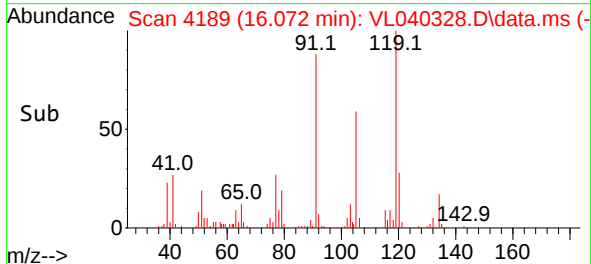
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



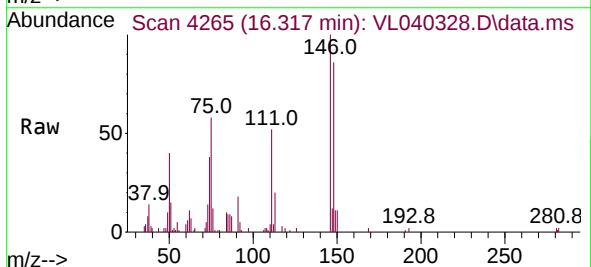
Tgt Ion: 119 Resp: 98558
Ion Ratio Lower Upper
119 100
91 98.3 69.4 104.2
134 21.5 15.8 23.6

Manual Integrations
APPROVED

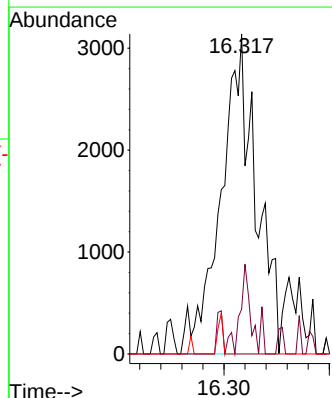
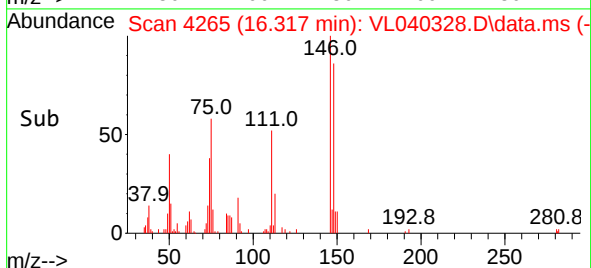
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

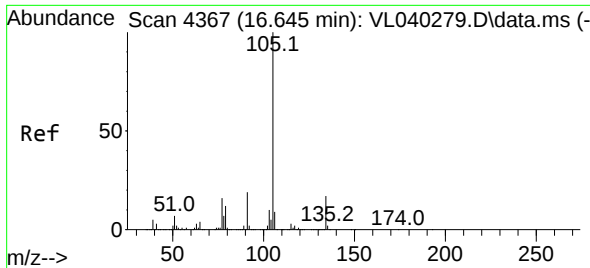


#66
Benzyl Chloride
Concen: 0.438 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.023 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02



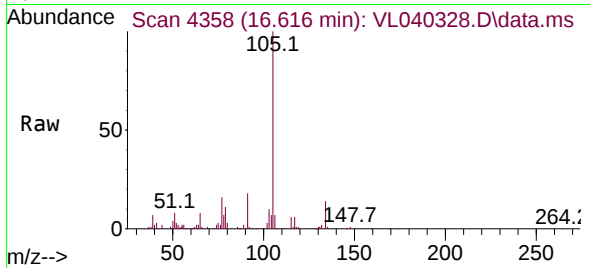
Tgt Ion: 91 Resp: 7254
Ion Ratio Lower Upper
91 100
126 9.4 12.1 18.1#
128 0.0 3.8 5.6#





#67
 sec-Butylbenzene
 Concen: 0.397 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

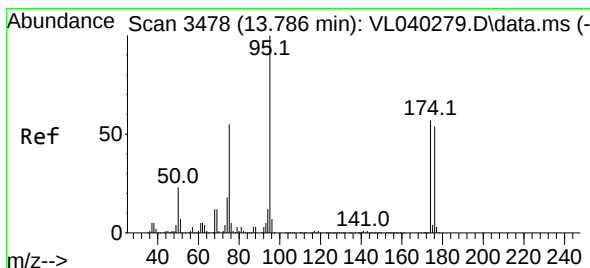
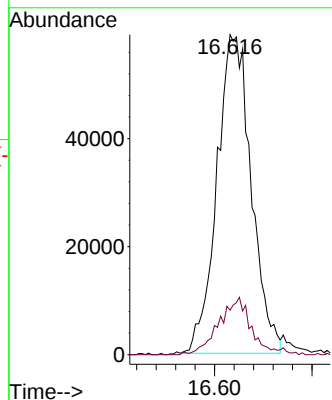
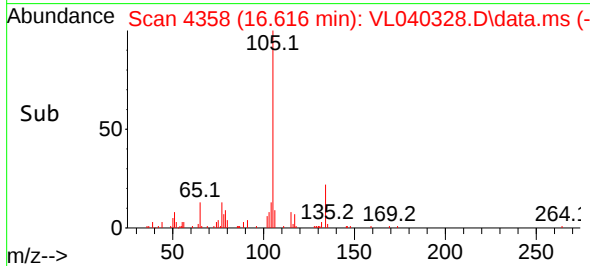
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion:105 Resp: 144462
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.0 21.0

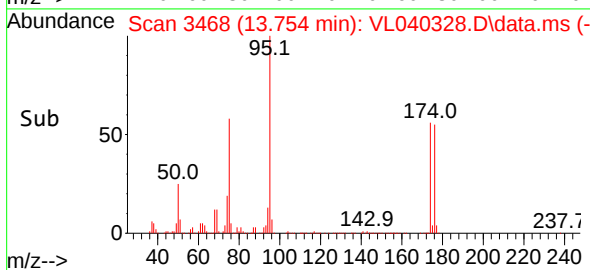
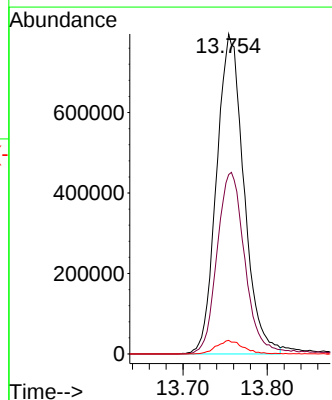
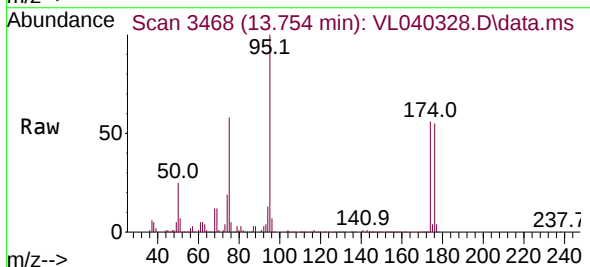
Manual Integrations
 APPROVED

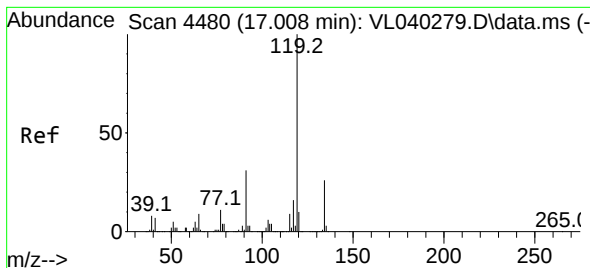
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.265 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. 0.013 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

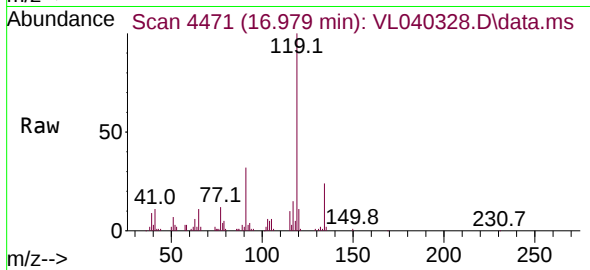
Tgt Ion: 95 Resp: 1788351
 Ion Ratio Lower Upper
 95 100
 174 58.4 47.0 70.6
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.381 ppbv
RT: 16.979 min Scan# 4480
Delta R.T. 0.016 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

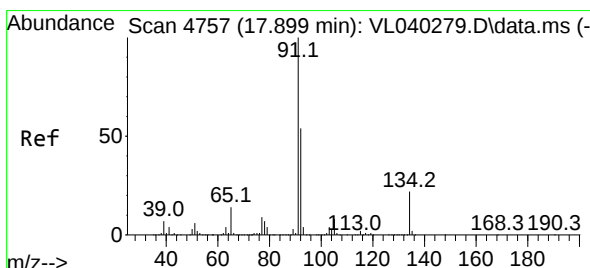
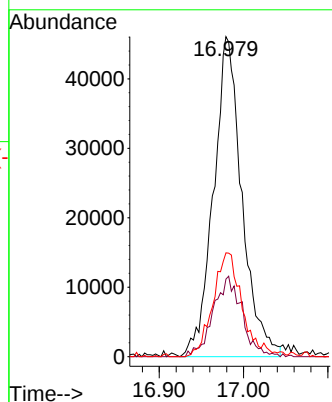
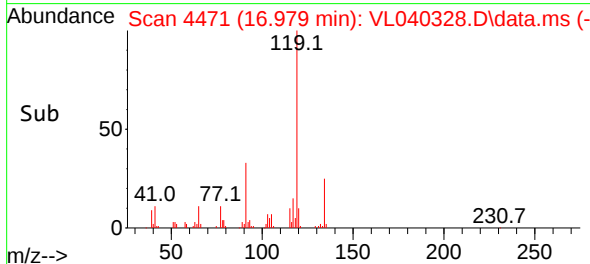
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



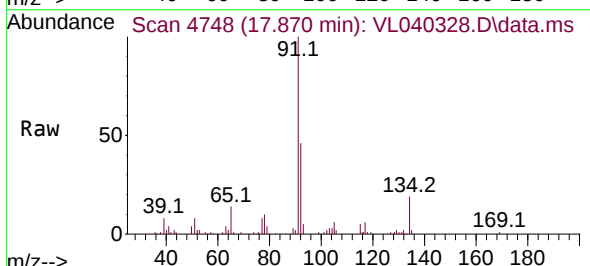
Tgt Ion: 119 Resp: 107900
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.2
91 34.0 25.1 37.7

Manual Integrations
APPROVED

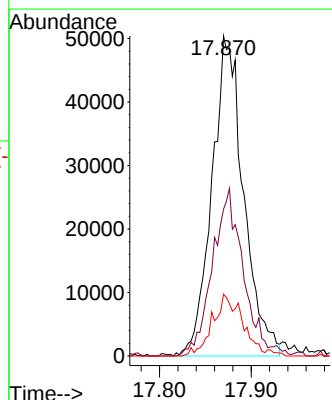
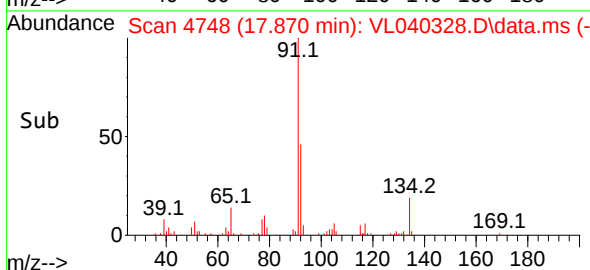
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

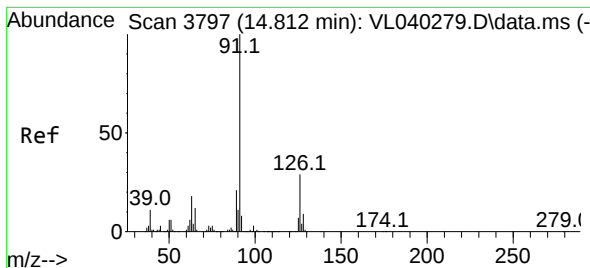


#70
n-Butylbenzene
Concen: 0.387 ppbv m
RT: 17.870 min Scan# 4748
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02



Tgt Ion: 91 Resp: 120852
Ion Ratio Lower Upper
91 100
92 0.0 42.9 64.3#
134 18.7 16.8 25.2





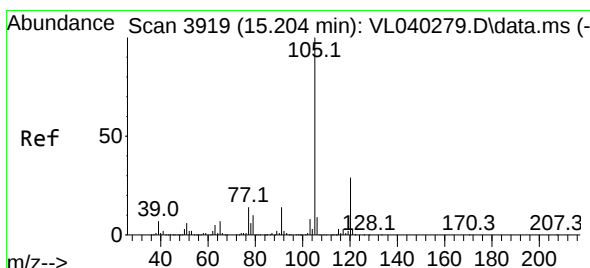
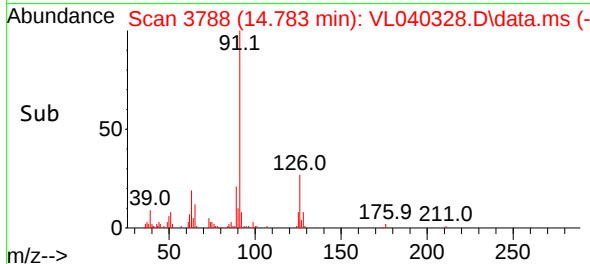
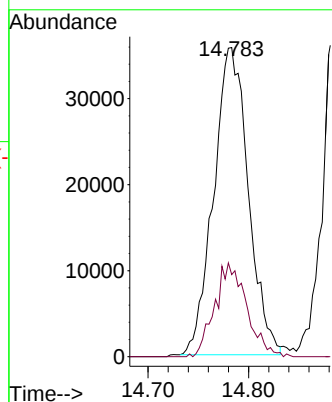
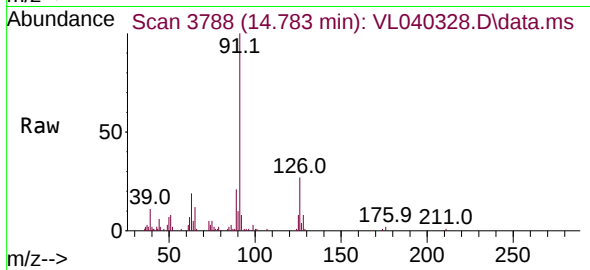
#71
2-Chlorotoluene
Concen: 0.381 ppbv
RT: 14.783 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023

Tgt Ion: 91 Resp: 8560
Ion Ratio Lower Upper
91 100
126 28.0 11.8 47.4

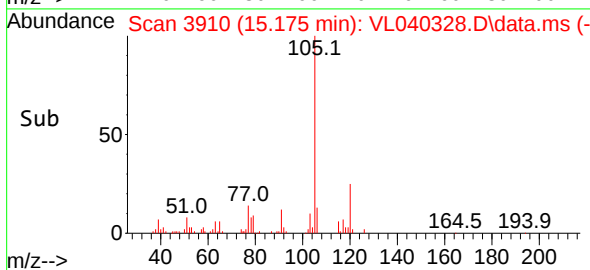
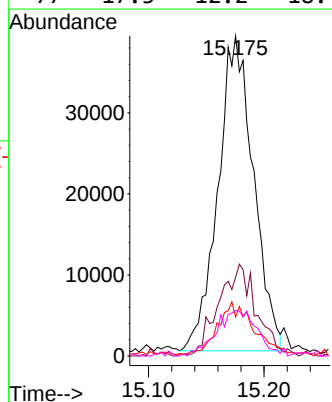
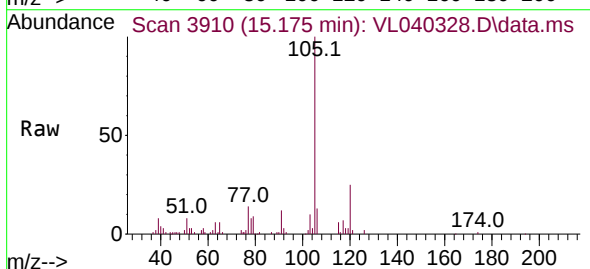
Manual Integrations
APPROVED

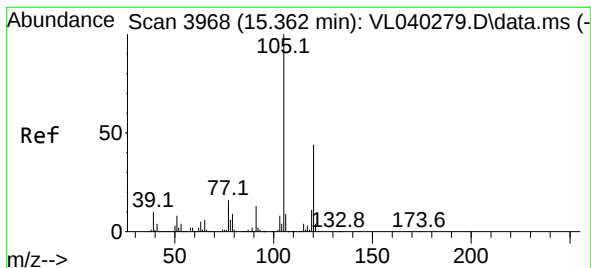
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#72
4-Ethyltoluene
Concen: 0.365 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. 0.013 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

Tgt Ion:105 Resp: 82839
Ion Ratio Lower Upper
105 100
120 32.2 23.7 35.5
91 19.3 11.6 17.4#
77 17.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.387 ppbv m

RT: 15.333 min Scan# 3959

Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2023

Tgt Ion:105 Resp: 79570

Ion Ratio Lower Upper

105 100

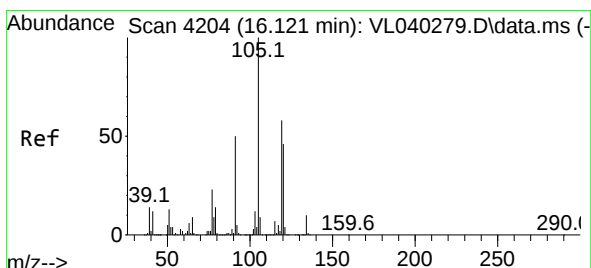
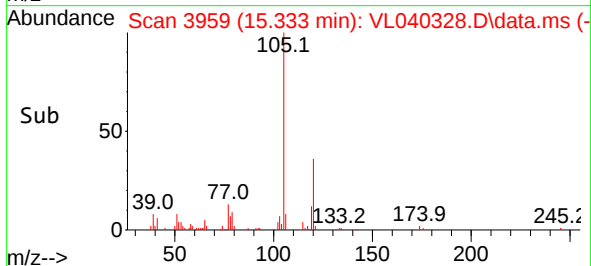
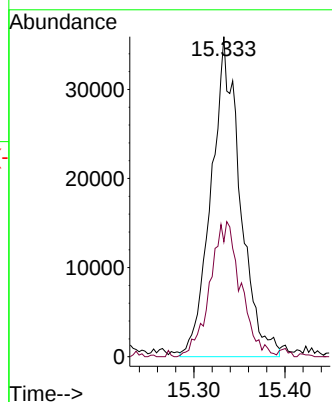
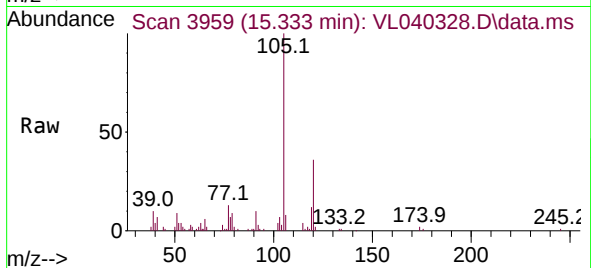
120 35.9 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.423 ppbv m

RT: 16.092 min Scan# 4195

Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:105 Resp: 99162

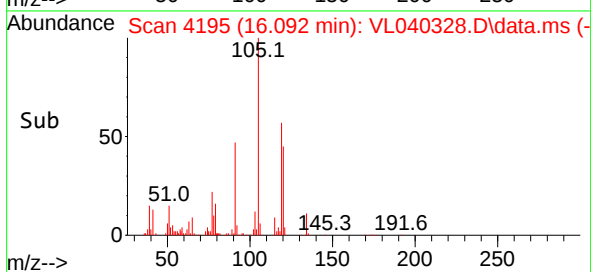
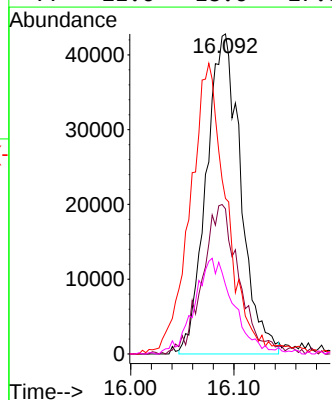
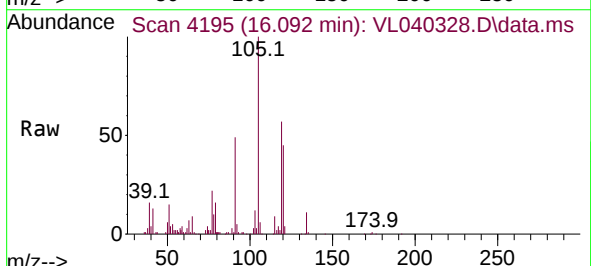
Ion Ratio Lower Upper

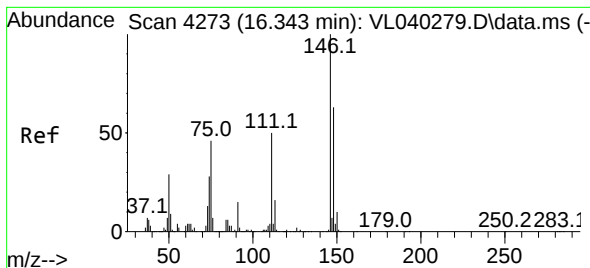
105 100

120 45.3 36.6 54.8

91 48.6 39.9 59.9

77 21.6 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 0.444 ppbv m

RT: 16.310 min Scan# 4309

Delta R.T. 0.013 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

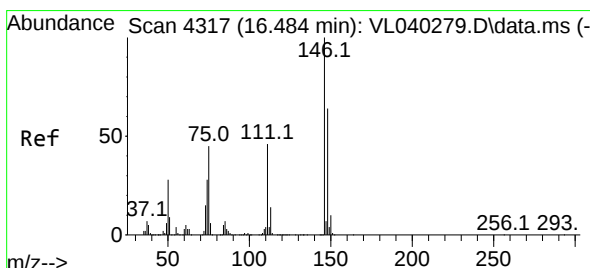
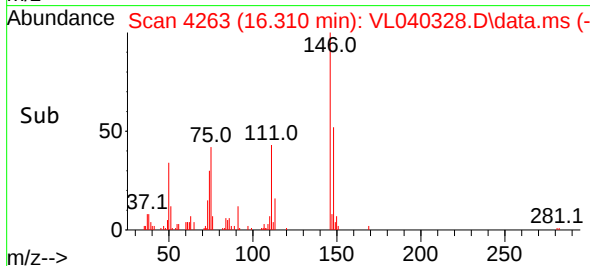
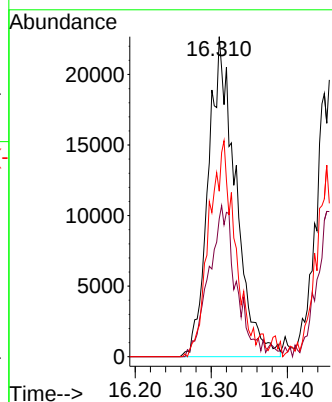
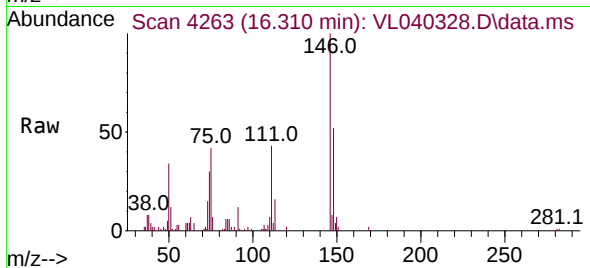
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:146	Resp:	5636
Ion Ratio	Lower	Upper
146	100	
111	49.0	24.3 73.0
148	0.0	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#76

1,4-Dichlorobenzene

Concen: 0.458 ppbv m

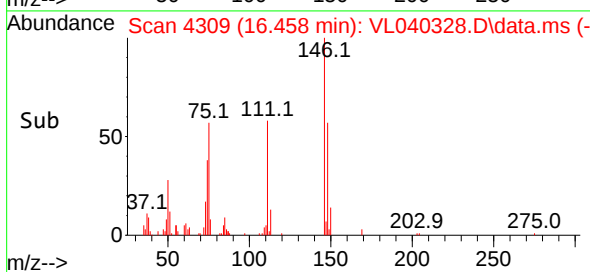
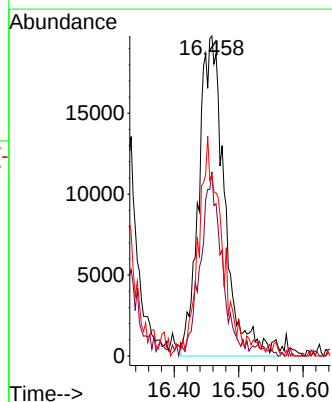
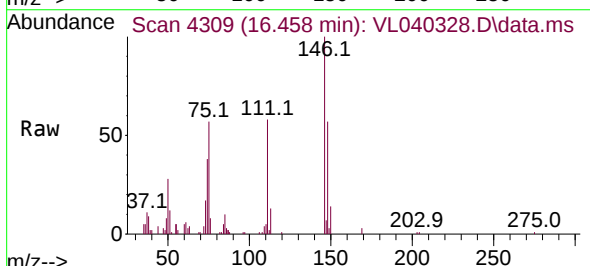
RT: 16.458 min Scan# 4309

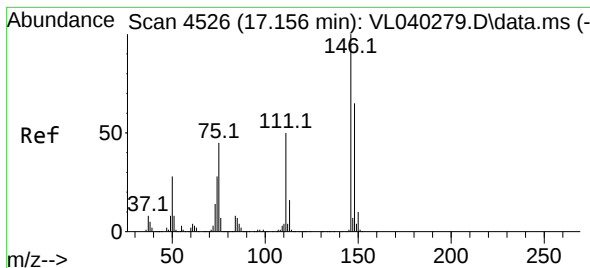
Delta R.T. 0.016 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Tgt Ion:146	Resp:	55404
Ion Ratio	Lower	Upper
146	100	
111	50.1	23.8 71.2
148	0.0	32.5 97.5





#77

1,2-Dichlorobenzene

Concen: 0.478 ppbv m

RT: 17.130 min Scan# 4

Delta R.T. 0.019 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

Instrument :

MSVOA_L

ClientSampleId :

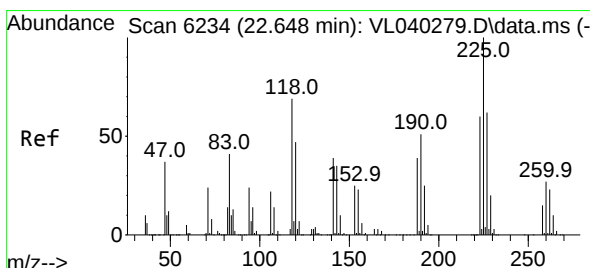
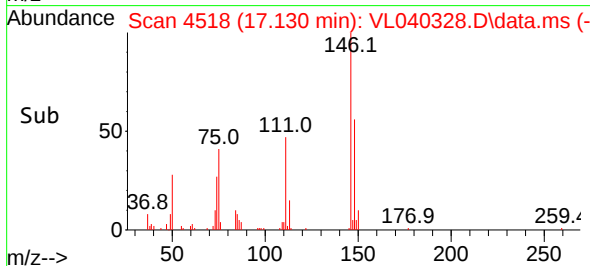
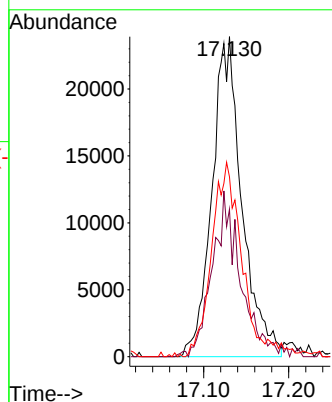
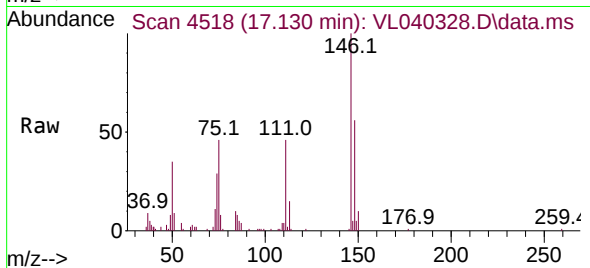
LOD-MDL-AIR-01-QT2-2023

Tgt Ion:146	Resp:	5835
Ion Ratio	Lower	Upper
146	100	
111	49.9	25.2 75.6
148	0.0	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#78

Hexachloro-1,3-Butadiene

Concen: 0.498 ppbv

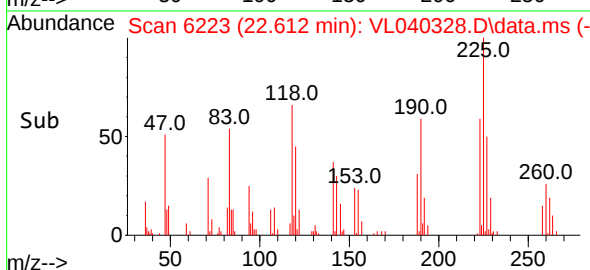
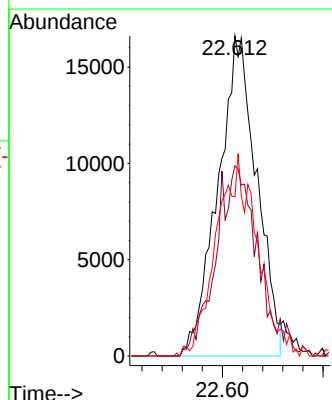
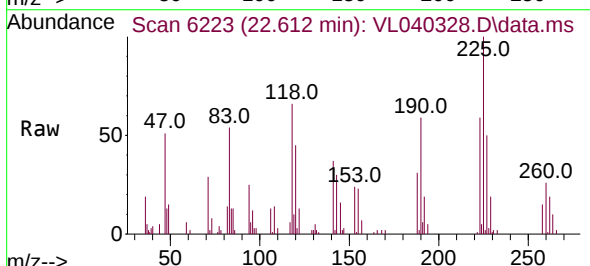
RT: 22.612 min Scan# 6223

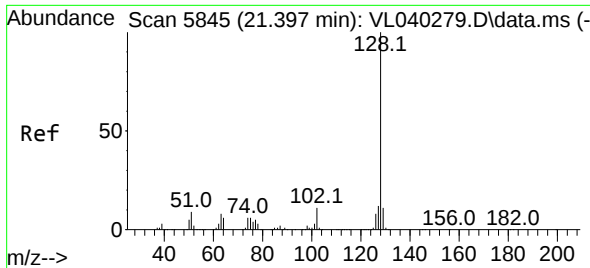
Delta R.T. 0.010 min

Lab File: VL040328.D

Acq: 10 Apr 2023 17:02

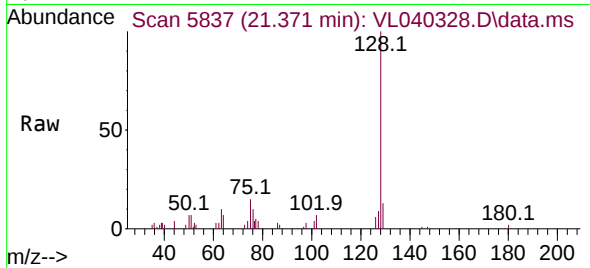
Tgt Ion:225	Resp:	44506
Ion Ratio	Lower	Upper
225	100	
223	65.1	51.0 76.6
227	66.5	51.4 77.2





#79
Naphthalene
Concen: 0.330 ppbv m
RT: 21.371 min Scan# 5837
Delta R.T. 0.023 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

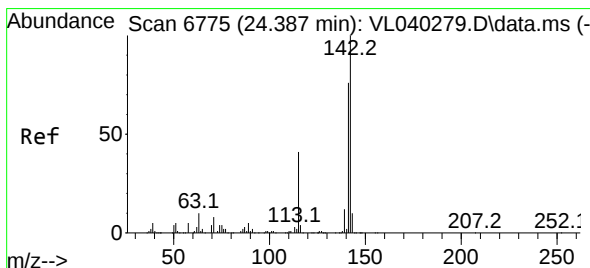
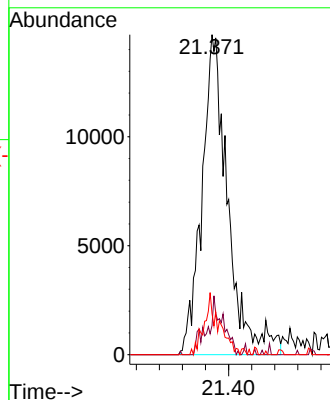
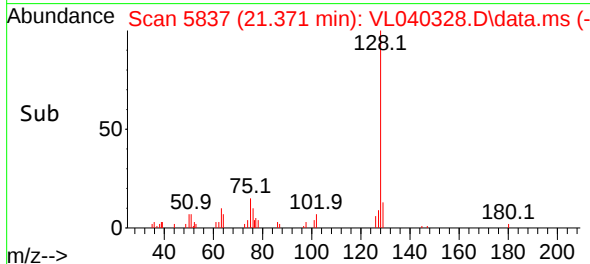
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2023



Tgt Ion:128 Resp: 45728
Ion Ratio Lower Upper
128 100
127 9.1 9.6 14.4#
129 12.8 8.6 13.0#

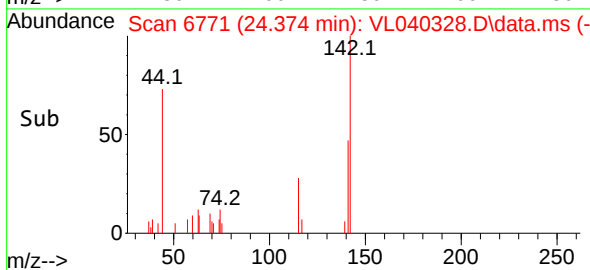
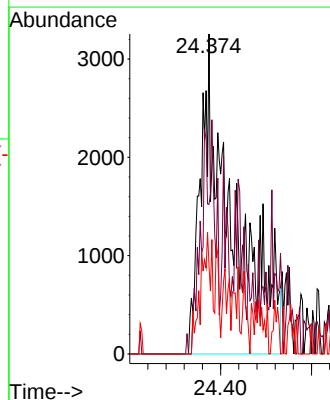
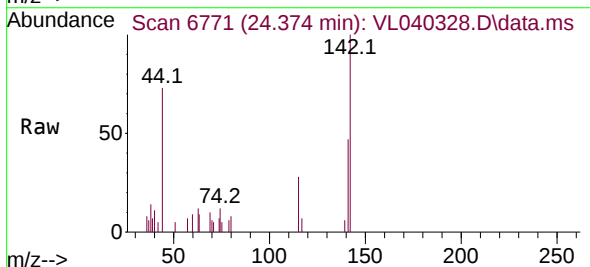
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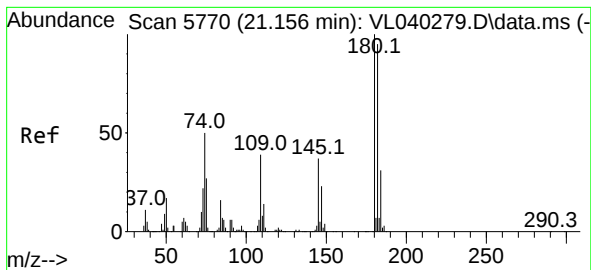
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#80
Naphthalene,2-methyl-
Concen: 0.436 ppbv m
RT: 24.374 min Scan# 6771
Delta R.T. 0.023 min
Lab File: VL040328.D
Acq: 10 Apr 2023 17:02

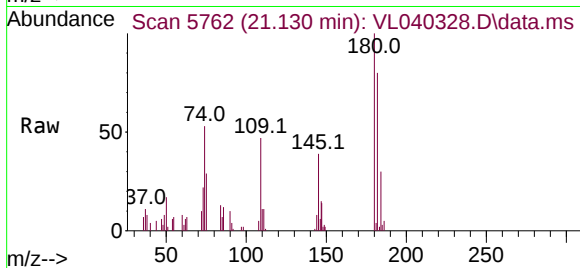
Tgt Ion:142 Resp: 15312
Ion Ratio Lower Upper
142 100
141 41.8 65.5 98.3#
115 13.1 33.5 50.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.359 ppbv m
 RT: 21.130 min Scan# 51
 Delta R.T. 0.023 min
 Lab File: VL040328.D
 Acq: 10 Apr 2023 17:02

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2023



Tgt Ion:180 Resp: 30624
 Ion Ratio Lower Upper
 180 100
 182 92.4 76.1 114.1
 184 28.9 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

