

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041015.D
 Acq On : 24 Jan 2024 14:30
 Operator : SY/MD
 Sample : P1187-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024

Quant Time: Jan 25 03:18:48 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 01/25/2024
 Supervised By : Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Bromochloromethane	5.163	49	1049279	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.623	114	2731603	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2365007	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1793482	10.040	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.703	85	113621	0.490	ppbv	94
3) Chlorodifluoromethane	2.652	51	86545	0.490	ppbv	98
4) Chloromethane	2.787	50	30677	0.464	ppbv #	87
5) Vinyl Chloride	2.899	62	30137	0.465	ppbv	97
6) Bromomethane	3.092	94	14052	0.498	ppbv	93
7) Chloroethane	3.173	64	10681m	0.457	ppbv	
8) Dichlorotetrafluoroethane	2.832	85	85922	0.496	ppbv	95
9) Propene	2.668	41	27733	0.479	ppbv	98
10) Heptane	7.549	43	55432m	0.389	ppbv	
11) Trichlorofluoromethane	3.536	101	88688	0.475	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.034	101	64082m	0.473	ppbv	
13) Ethanol	3.243	45	8572	0.621	ppbv	97
14) Bromoethene	3.337	108	21960m	0.423	ppbv	
15) Acetone	3.459	43	71830	0.535	ppbv	95
16) 1,3-Butadiene	2.957	39	29844m	0.465	ppbv	
17) tert-Butyl alcohol	3.867	59	55318	0.503	ppbv	99
18) 1,1-Dichloroethene	3.854	96	26047	0.450	ppbv	93
19) Isopropyl Alcohol	3.565	45	35592	0.458	ppbv #	85
20) Methylene Chloride	3.906	84	28489	0.552	ppbv #	73
21) Allyl Chloride	3.973	41	36674	0.450	ppbv	97
22) trans-1,2-Dichloroethene	4.414	96	24966	0.418	ppbv	96
23) Vinyl Acetate	4.610	43	51415	0.372	ppbv #	91
24) 1,1-Dichloroethane	4.529	63	58830m	0.479	ppbv	
25) Ethyl Acetate	5.185	43	106035	0.436	ppbv	98
26) Hexane	5.189	57	48477m	0.467	ppbv	
27) Carbon Disulfide	4.099	76	55161	0.409	ppbv #	82
28) Methyl tert-Butyl Ether	4.568	73	36457	0.424	ppbv #	87
29) Chloroform	5.240	83	91001	0.495	ppbv	91
30) Cyclohexane	6.561	84	34440m	0.396	ppbv	
31) cis-1,2-Dichloroethene	5.050	61	46464	0.477	ppbv	90
32) 1,1,1-Trichloroethane	5.970	97	81092	0.461	ppbv	97
34) 2-Butanone	4.774	43	56305	0.433	ppbv #	90
35) Carbon Tetrachloride	6.465	117	82464	0.453	ppbv	90
36) Benzene	6.340	78	100453	0.445	ppbv #	94
37) 1,2-Dichloroethane	5.777	62	58918	0.428	ppbv	99
38) Trichloroethene	7.262	130	34724	0.384	ppbv	95
39) 1,2-Dichloropropane	7.044	63	35111	0.395	ppbv #	76
40) 1,4-Dioxane	7.288	88	15106m	0.409	ppbv	
41) Tetrahydrofuran	5.555	42	31350m	0.355	ppbv	
42) Bromodichloromethane	7.217	83	81649	0.414	ppbv	93
43) Methyl Methacrylate	7.449	69	29247m	0.336	ppbv	
44) 2,2,4-Trimethylpentane	7.291	57	159471	0.420	ppbv	94
45) t-1,3-Dichloropropene	8.680	75	16898m	0.284	ppbv	

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jan 25 03:13:06 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	23663	0.319	ppbv #	82
47) 1,1,2-Trichloroethane	8.867	97	36785m	0.384	ppbv	
48) Dibromochloromethane	9.671	129	63945	0.395	ppbv	97
49) Bromoform	12.375	173	48046	0.378	ppbv	97
50) 4-Methyl-2-Pentanone	8.172	43	76346	0.333	ppbv	93
51) 2-Hexanone	9.549	43	48890m	0.296	ppbv	
52) Tetrachloroethene	10.581	164	32031	0.428	ppbv	89
53) Toluene	9.188	91	93547	0.379	ppbv	96
54) 1,2-Dibromoethane	9.973	107	53961	0.416	ppbv #	80
56) 1,1,1,2-Tetrachloroethane	11.478	131	50459m	0.445	ppbv	
57) Chlorobenzene	11.487	112	90132	0.474	ppbv	88
58) Ethyl Benzene	12.053	91	126207m	0.397	ppbv	
59) m/p-Xylene	12.336	91	230093m	0.831	ppbv	
60) o-Xylene	13.027	91	105218m	0.396	ppbv	
61) Styrene	12.867	104	39741m	0.326	ppbv	
62) Isopropylbenzene	13.995	105	168987m	0.430	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.018	83	90411	0.438	ppbv	93
64) n-propylbenzene	14.883	120	39364	0.397	ppbv	75
65) tert-Butylbenzene	16.056	119	138732	0.404	ppbv	90
66) Benzyl Chloride	16.304	91	7983m	0.355	ppbv	
67) sec-Butylbenzene	16.603	105	199921	0.400	ppbv	98
69) p-Isopropyltoluene	16.966	119	155849	0.403	ppbv	95
70) n-Butylbenzene	17.854	91	158360	0.379	ppbv	95
71) 2-Chlorotoluene	14.767	91	121723	0.402	ppbv	99
72) 4-Ethyltoluene	15.162	105	110236	0.372	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.320	105	105447m	0.400	ppbv	
74) 1,2,4-Trimethylbenzene	16.072	105	125307	0.420	ppbv	98
75) 1,3-Dichlorobenzene	16.294	146	68398m	0.403	ppbv	
76) 1,4-Dichlorobenzene	16.439	146	71388m	0.426	ppbv	
77) 1,2-Dichlorobenzene	17.111	146	74379m	0.440	ppbv	
78) Hexachloro-1,3-Butadiene	22.587	225	52507m	0.482	ppbv	
79) Naphthalene	21.355	128	49482m	0.291	ppbv	
80) Naphthalene,2-methyl-	24.529	142	6911m	0.231	ppbv	
81) 1,2,4-Trichlorobenzene	21.117	180	31727m	0.319	ppbv	

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

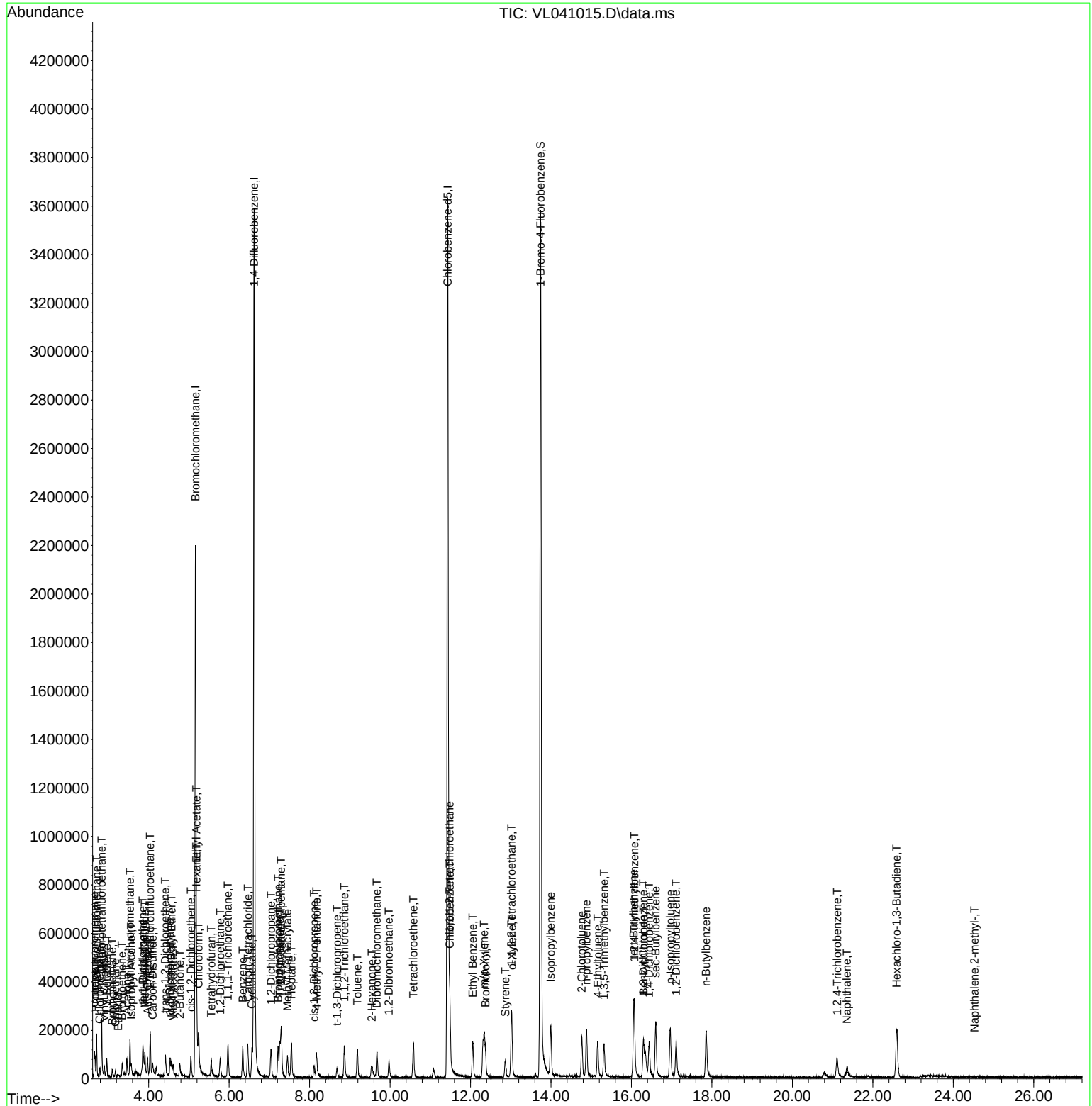
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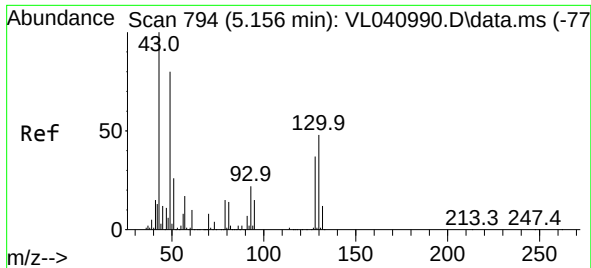
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024

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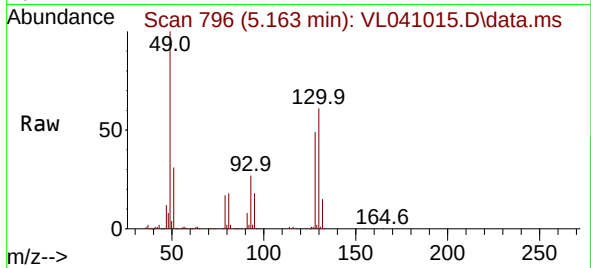
Reviewed By : Mahesh Dadoda 01/25/2024
Supervised By : Semsettin Yesilyurt 01/25/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. 0.007 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

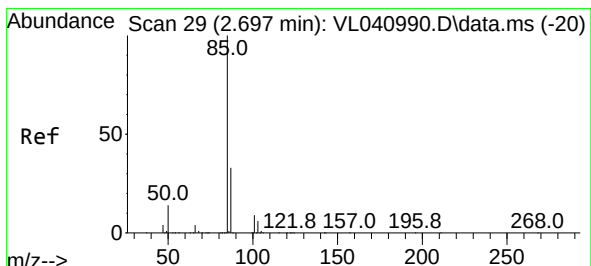
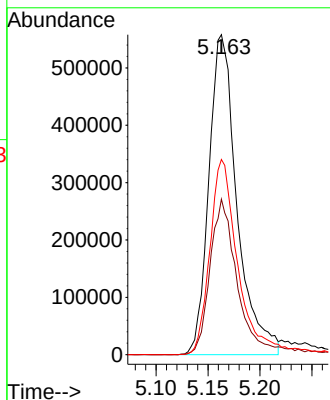
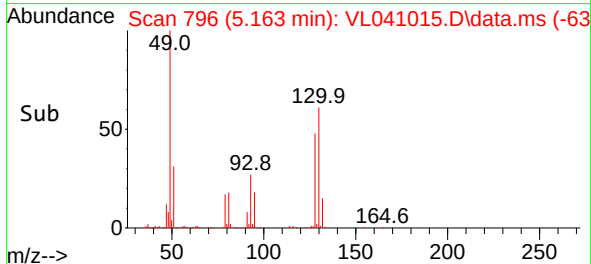
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 49 Resp: 1049279
Ion Ratio Lower Upper
49 100
128 48.5 23.9 71.7
130 64.0 31.1 93.5

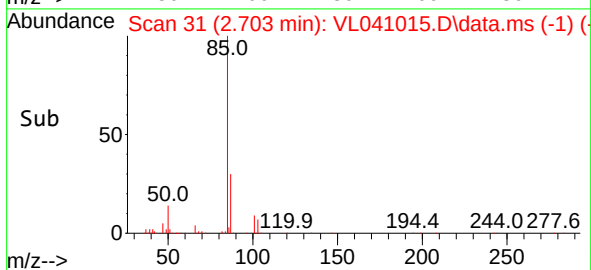
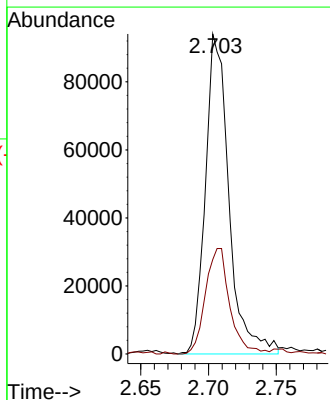
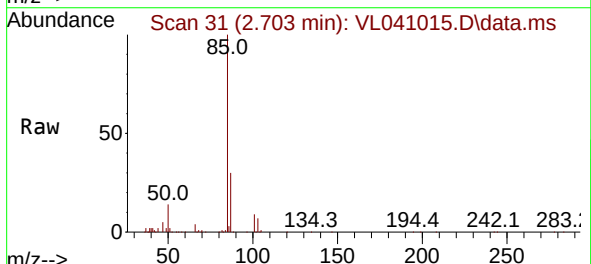
Manual Integrations
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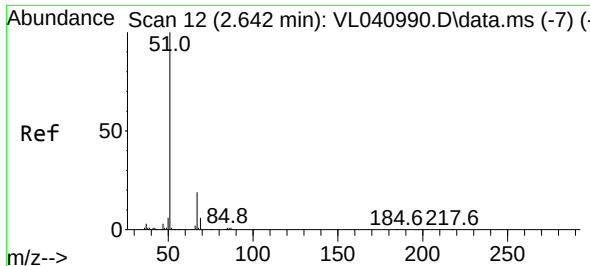
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#2
Dichlorodifluoromethane
Concen: 0.490 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

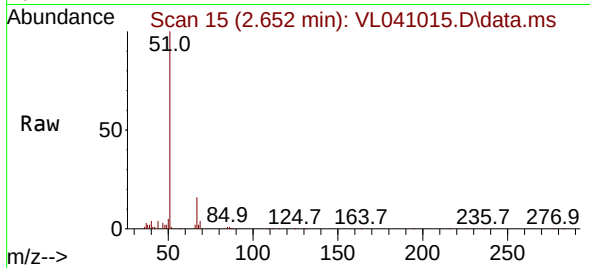
Tgt Ion: 85 Resp: 113621
Ion Ratio Lower Upper
85 100
87 29.5 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.490 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

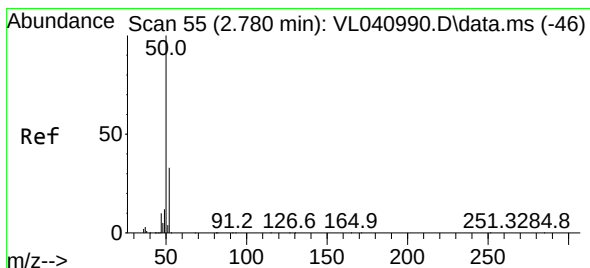
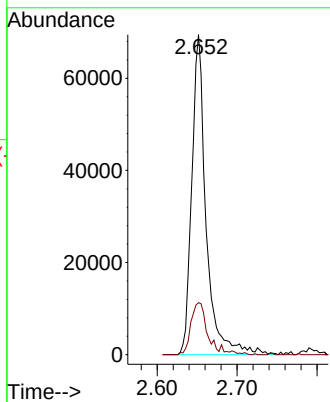
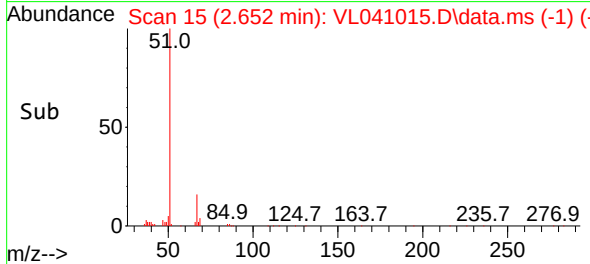
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 51 Resp: 8654
Ion Ratio Lower Upper
51 100
67 19.3 14.8 22.2

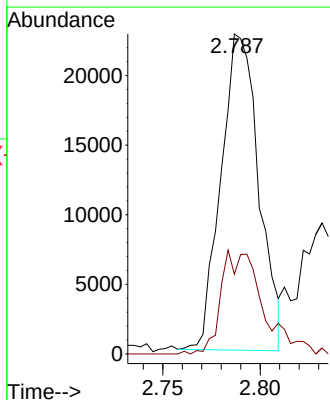
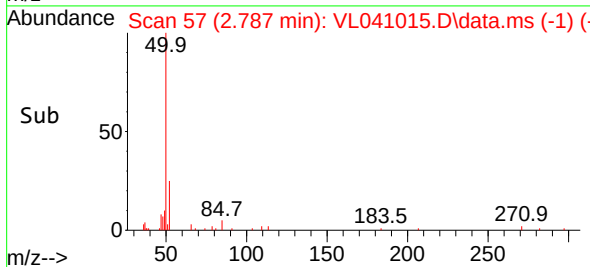
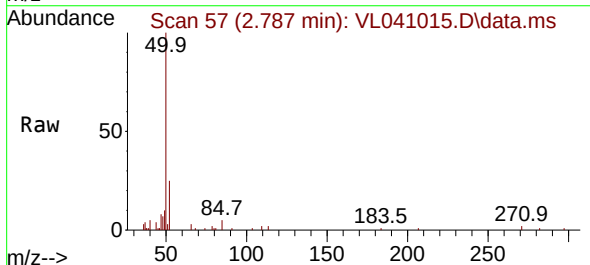
Manual Integrations
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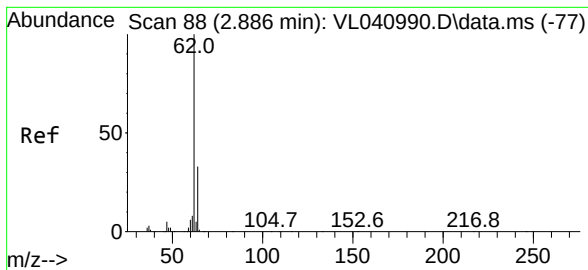
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#4
Chloromethane
Concen: 0.464 ppbv
RT: 2.787 min Scan# 57
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion: 50 Resp: 30677
Ion Ratio Lower Upper
50 100
52 25.3 26.2 39.4#





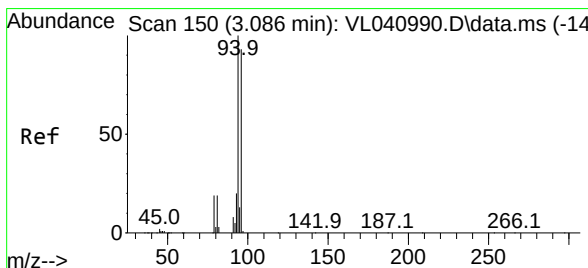
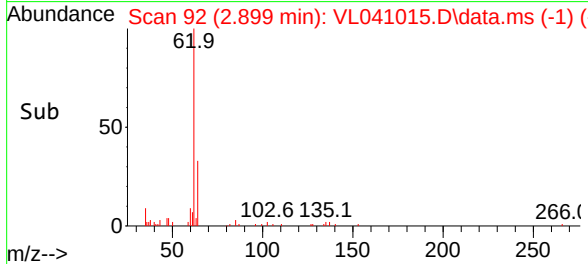
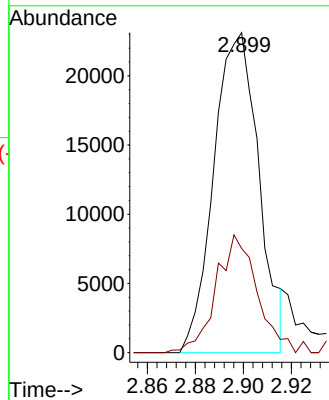
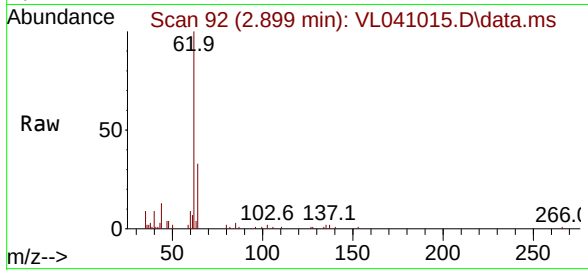
#5
 Vinyl Chloride
 Concen: 0.465 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 62 Resp: 3013
 Ion Ratio Lower Upper
 62 100
 64 31.7 26.6 40.0

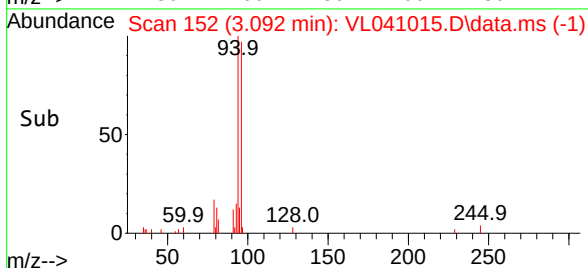
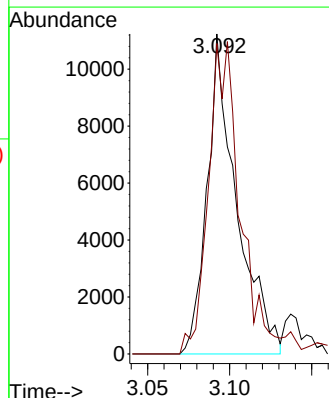
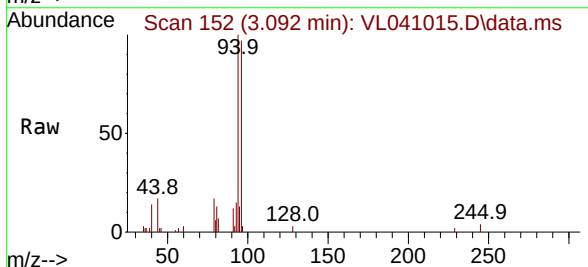
Manual Integrations
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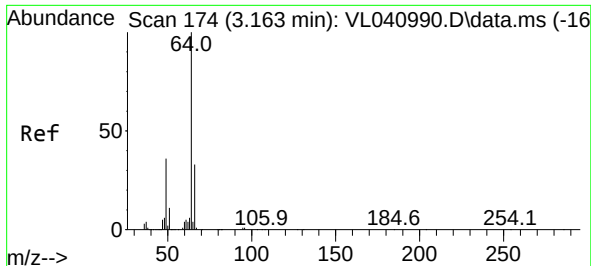
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#6
 Bromomethane
 Concen: 0.498 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. 0.003 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

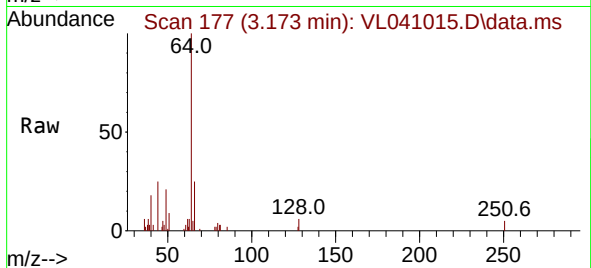
Tgt Ion: 94 Resp: 14052
 Ion Ratio Lower Upper
 94 100
 96 99.8 74.2 111.4





#7
Chloroethane
Concen: 0.457 ppbv m
RT: 3.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

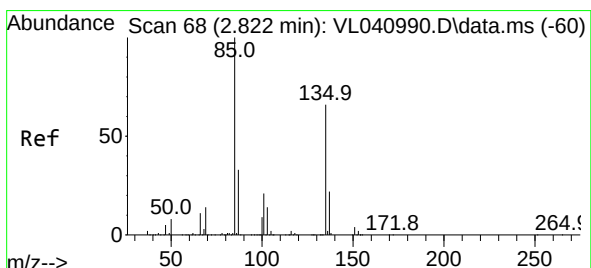
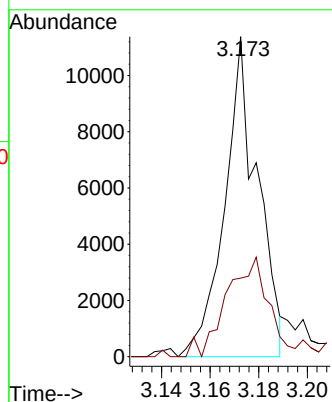
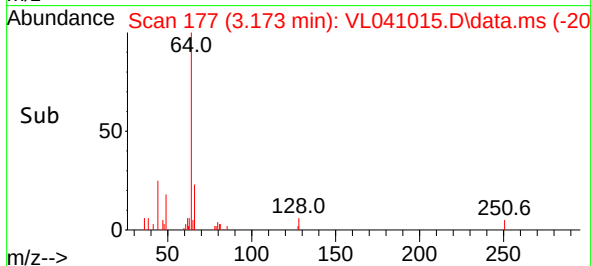
Instrument : MSVOA_L
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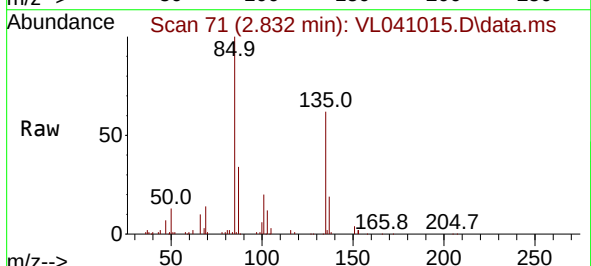
Tgt Ion: 64 Resp: 1068
Ion Ratio Lower Upper
64 100
66 24.5 26.0 39.0

Manual Integrations
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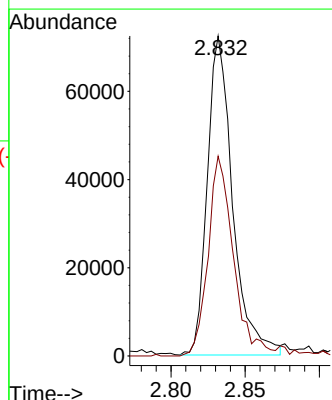
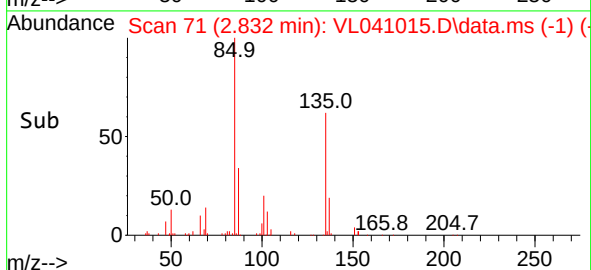
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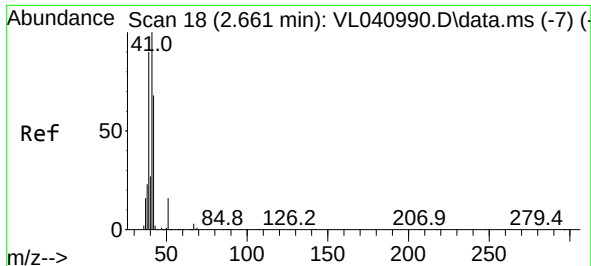


#8
Dichlorotetrafluoroethane
Concen: 0.496 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30



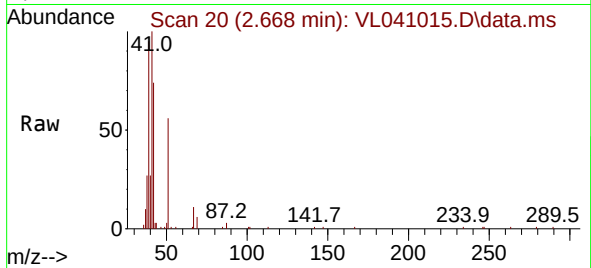
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Ion Ratio Lower Upper
85 100
135 65.1 55.0 82.6





#9
 Propene
 Concen: 0.479 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

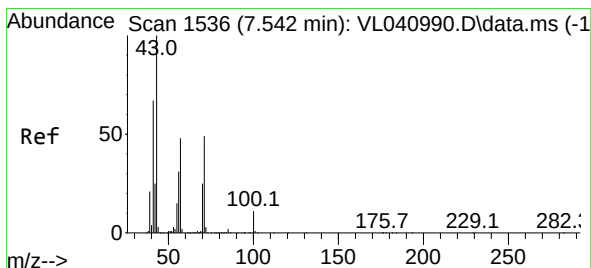
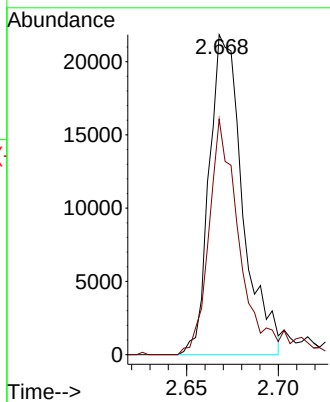
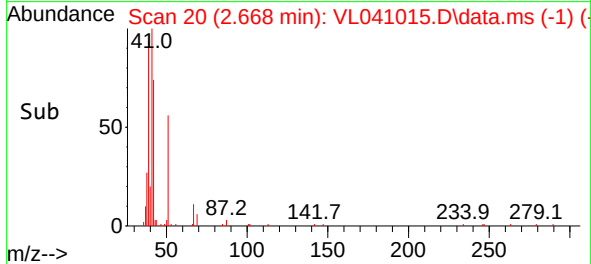
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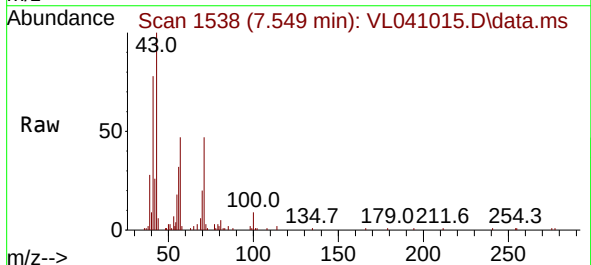
Tgt Ion: 41 Resp: 2773
 Ion Ratio Lower Upper
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 42 71.6 59.0 88.4

Manual Integrations
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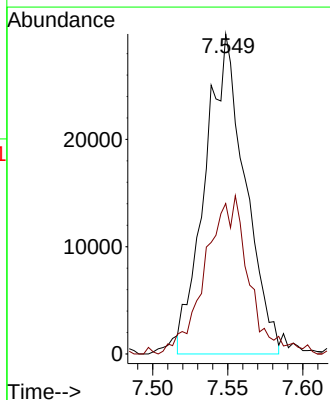
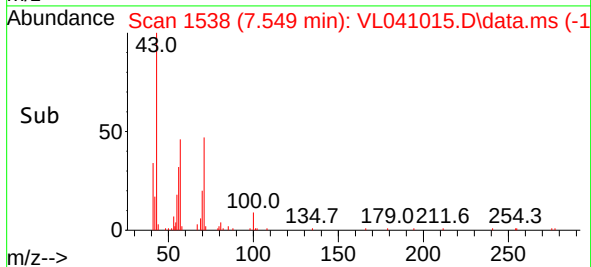
Reviewed By :Mahesh Dadoda 01/25/2024
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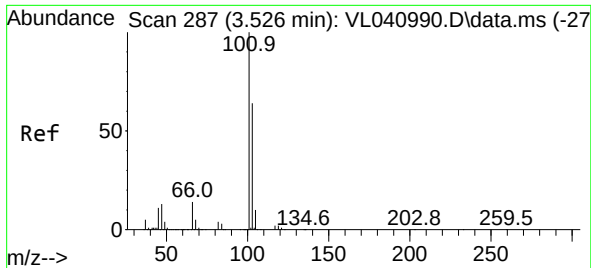


#10
 Heptane
 Concen: 0.389 ppbv m
 RT: 7.549 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30



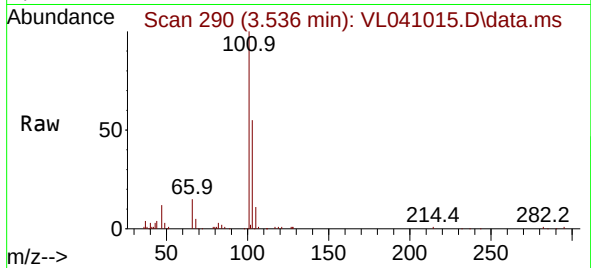
Tgt Ion: 43 Resp: 55432
 Ion Ratio Lower Upper
 43 100
 57 53.7 39.4 59.2





#11
Trichlorofluoromethane
Concen: 0.475 ppbv
RT: 3.536 min Scan# 290
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

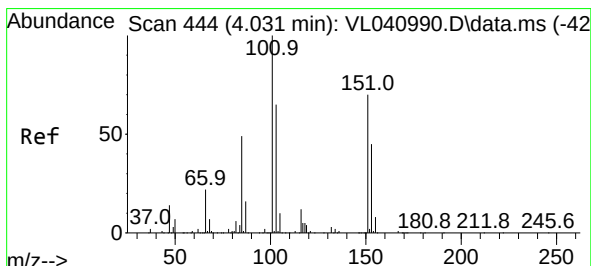
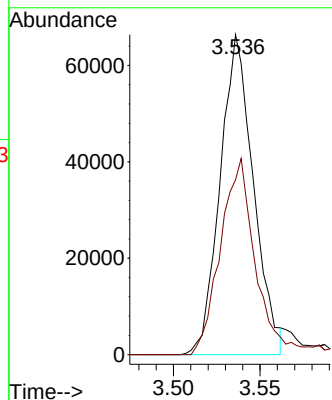
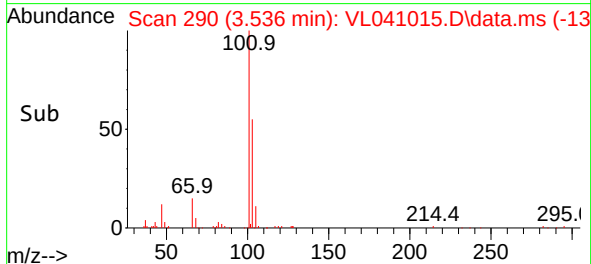
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion:101 Resp: 8868
Ion Ratio Lower Upper
101 100
103 54.7 51.4 77.2

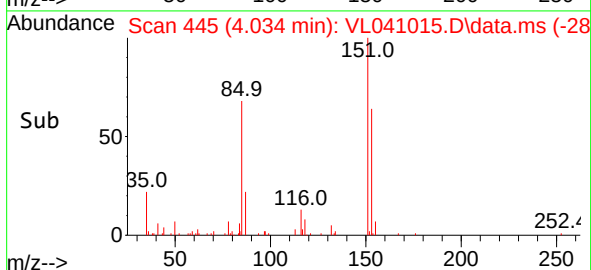
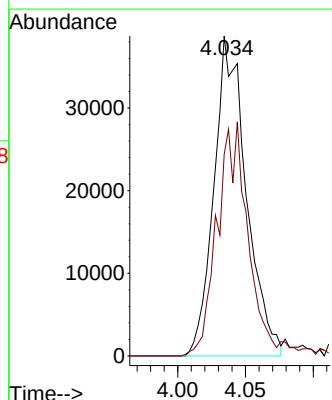
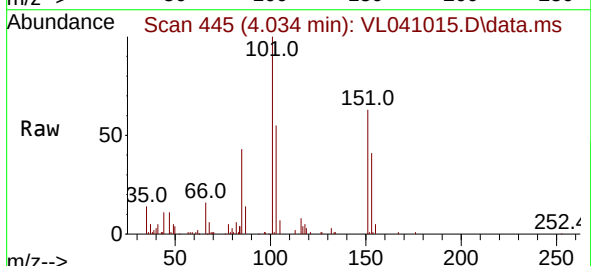
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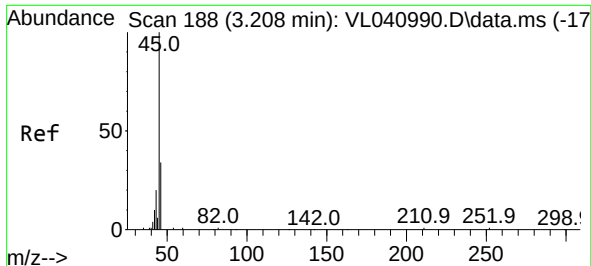
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.473 ppbv m
RT: 4.034 min Scan# 445
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

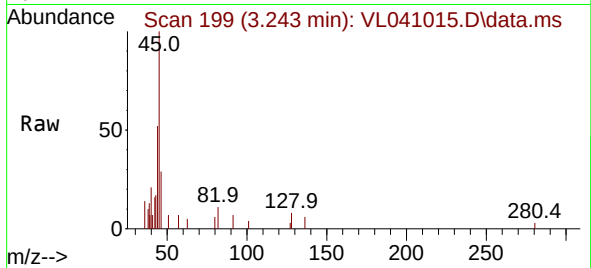
Tgt Ion:101 Resp: 64082
Ion Ratio Lower Upper
101 100
151 0.0 56.6 85.0#





#13
Ethanol
Concen: 0.621 ppbv
RT: 3.243 min Scan# 199
Delta R.T. 0.035 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

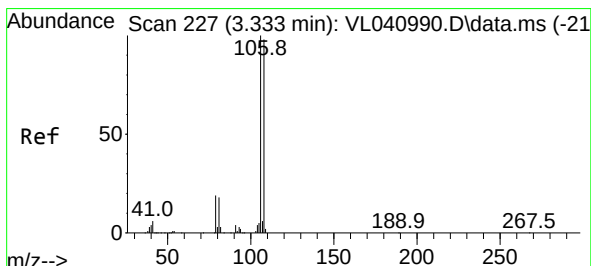
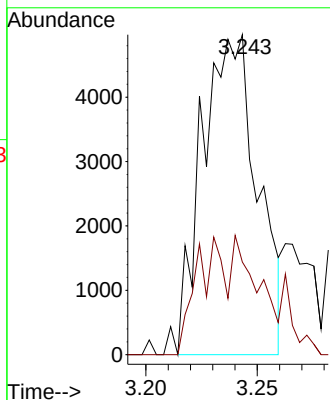
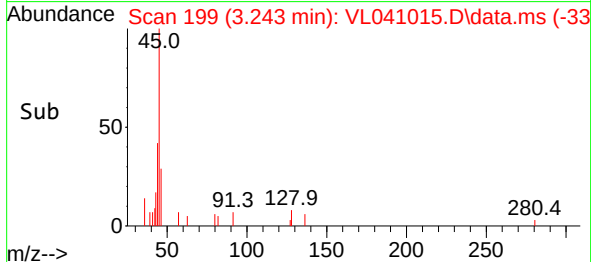
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 45 Resp: 8572
Ion Ratio Lower Upper
45 100
46 42.2 16.2 64.8

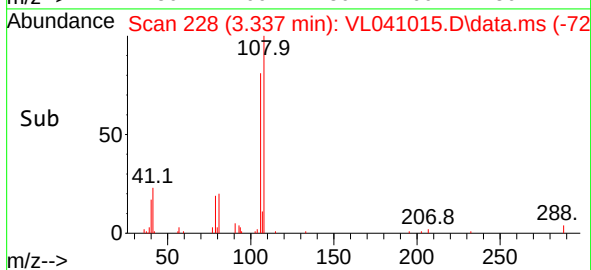
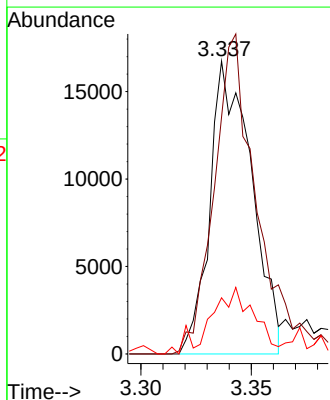
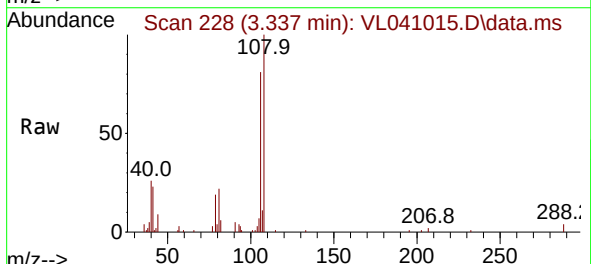
Manual Integrations
APPROVED

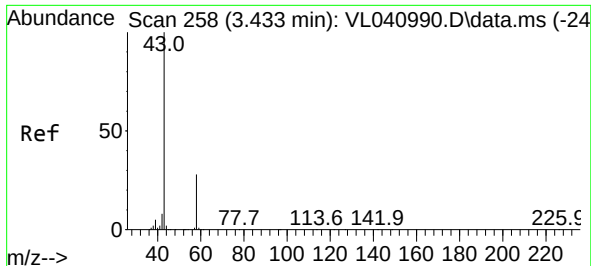
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#14
Bromoethene
Concen: 0.423 ppbv m
RT: 3.337 min Scan# 228
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

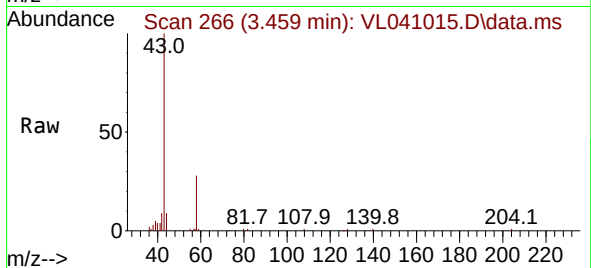
Tgt Ion:108 Resp: 21960
Ion Ratio Lower Upper
108 100
106 113.0 86.4 129.6
79 30.9 16.2 24.4#





#15
Acetone
Concen: 0.535 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.022 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

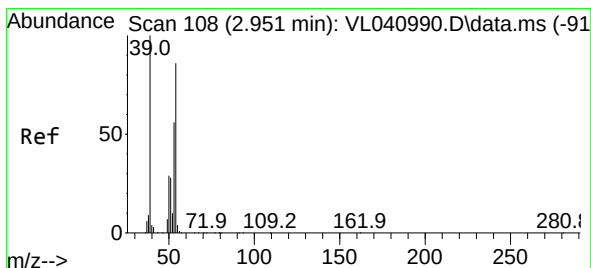
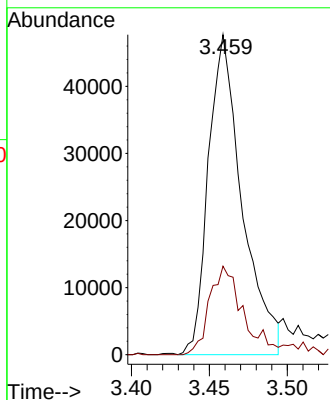
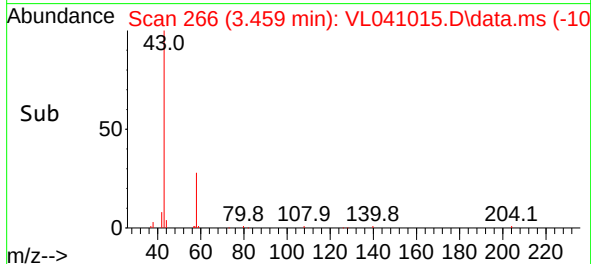
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



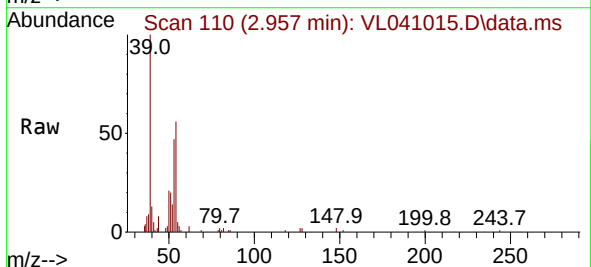
Tgt Ion: 43 Resp: 71830
Ion Ratio Lower Upper
43 100
58 30.4 22.2 33.2

Manual Integrations
APPROVED

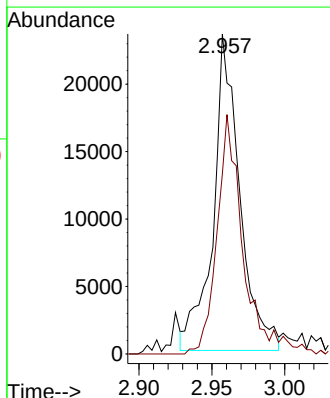
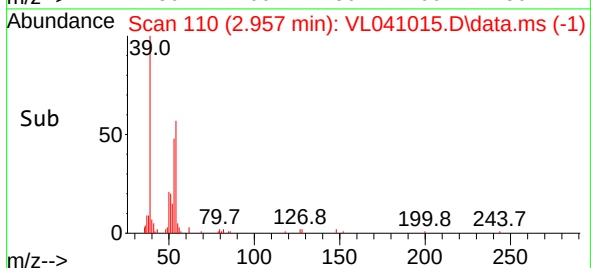
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

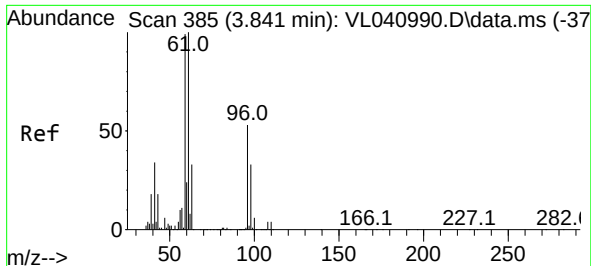


#16
1,3-Butadiene
Concen: 0.465 ppbv m
RT: 2.957 min Scan# 110
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30



Tgt Ion: 39 Resp: 29844
Ion Ratio Lower Upper
39 100
54 74.6 62.7 94.1





#17

tert-Butyl alcohol

Concen: 0.503 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.022 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

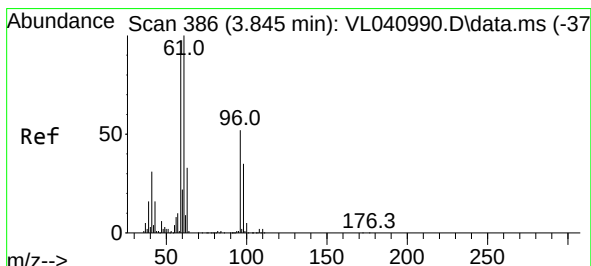
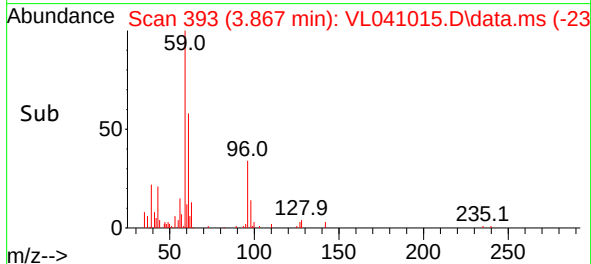
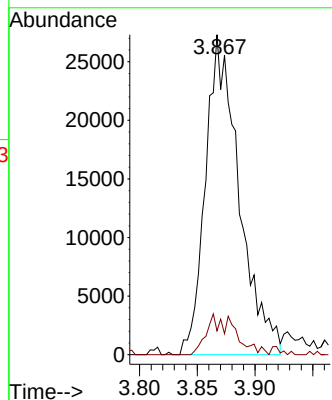
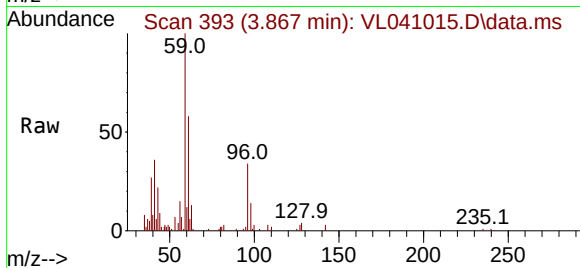
ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 59 Resp: 55318
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.7 13.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#18

1,1-Dichloroethene

Concen: 0.450 ppbv

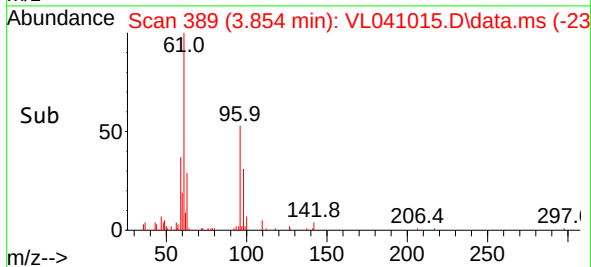
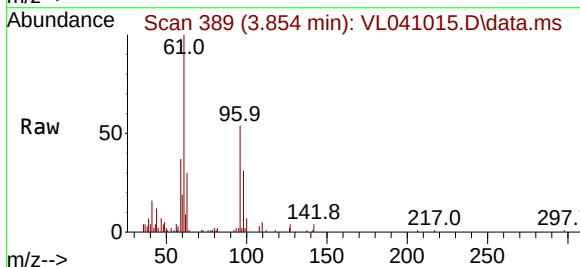
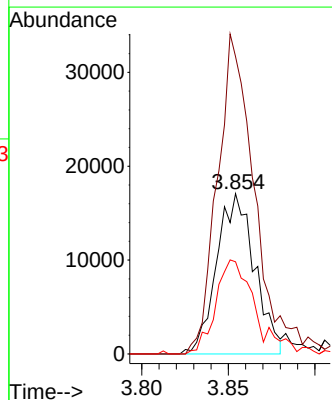
RT: 3.854 min Scan# 389

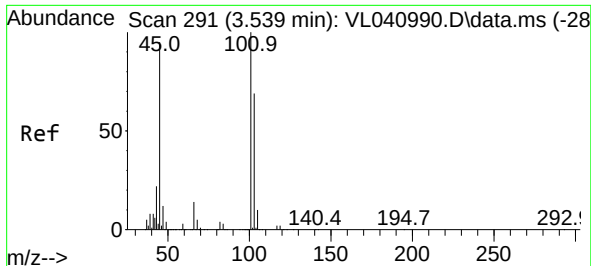
Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion: 96 Resp: 26047
 Ion Ratio Lower Upper
 96 100
 61 185.4 153.8 230.8
 98 57.5 53.7 80.5





#19

Isopropyl Alcohol

Concen: 0.458 ppbv

RT: 3.565 min Scan# 291

Delta R.T. 0.019 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

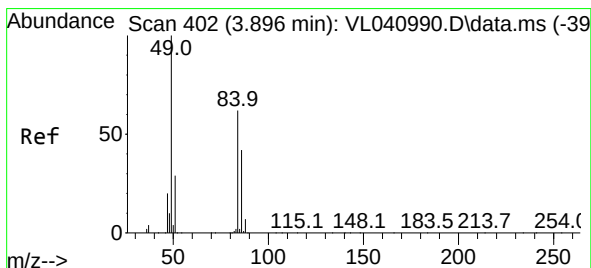
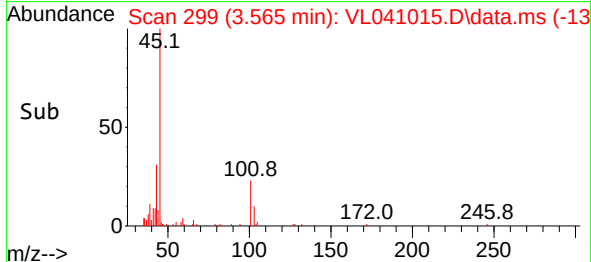
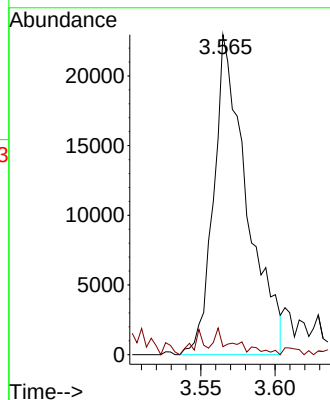
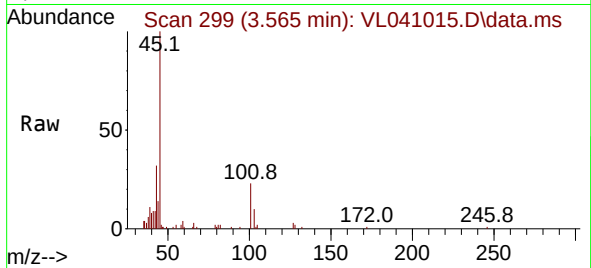
LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 45 Resp: 35592
 Ion Ratio Lower Upper
 45 100
 58 7.8 2.2 3.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#20

Methylene Chloride

Concen: 0.552 ppbv

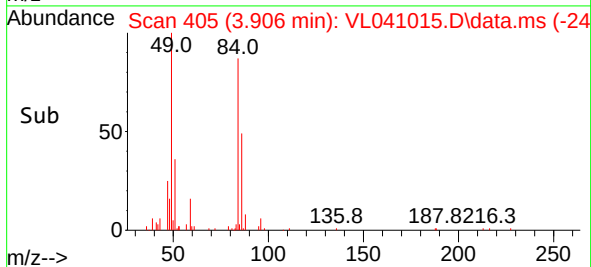
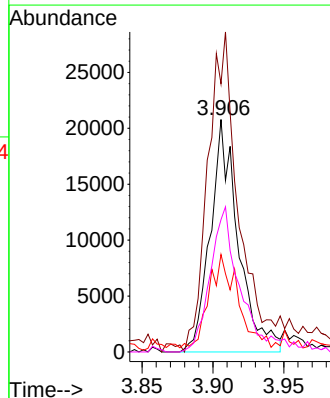
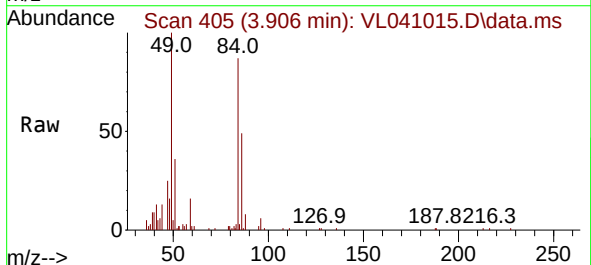
RT: 3.906 min Scan# 405

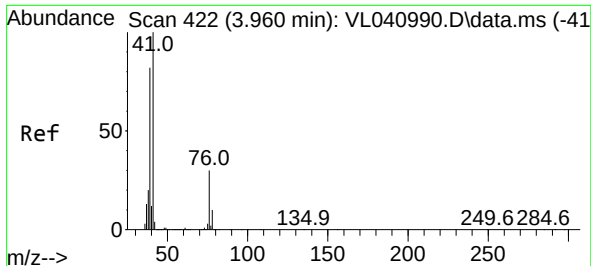
Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

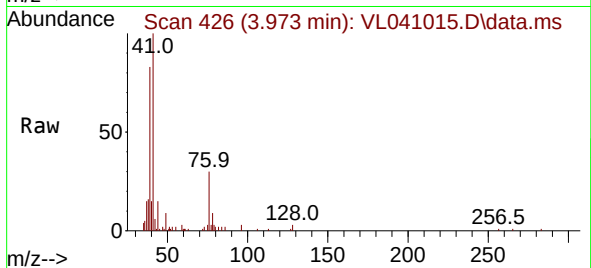
Tgt Ion: 84 Resp: 28489
 Ion Ratio Lower Upper
 84 100
 49 110.0 128.1 192.1#
 51 40.1 36.5 54.7
 86 56.9 54.1 81.1





#21
 Allyl Chloride
 Concen: 0.450 ppbv
 RT: 3.973 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

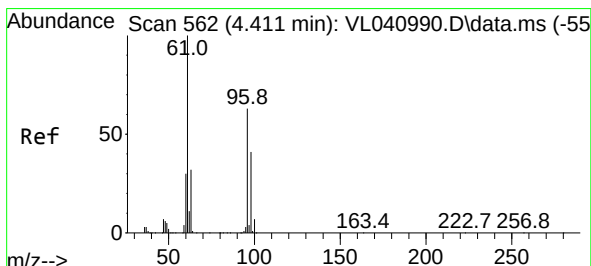
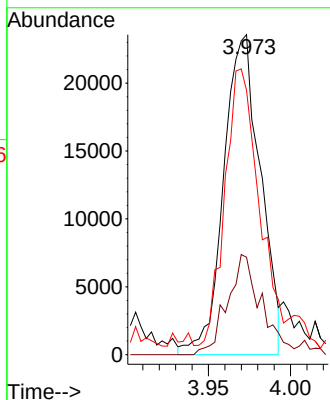
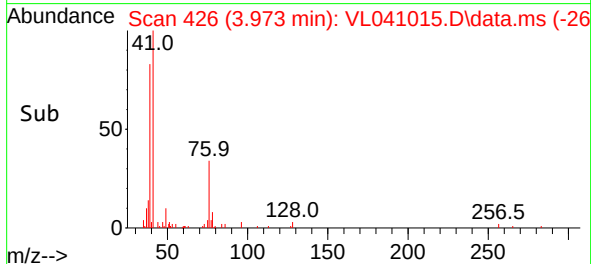
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 41 Resp: 36674
 Ion Ratio Lower Upper
 41 100
 76 30.7 25.0 37.4
 39 87.5 67.0 100.6

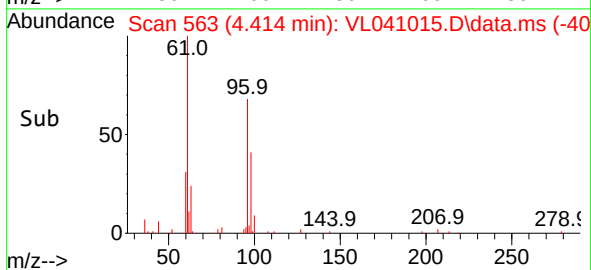
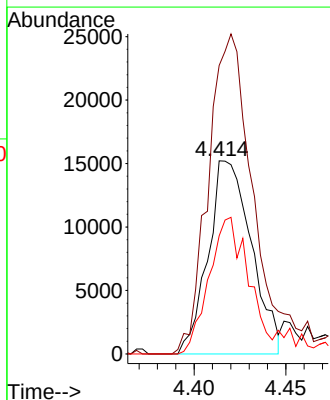
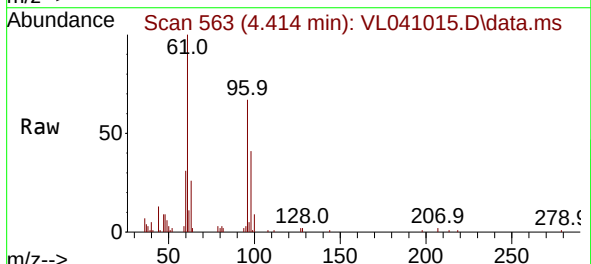
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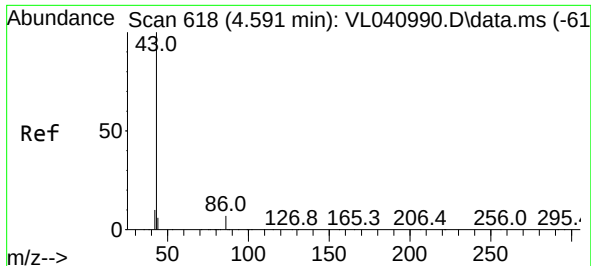
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.418 ppbv
 RT: 4.414 min Scan# 563
 Delta R.T. 0.003 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

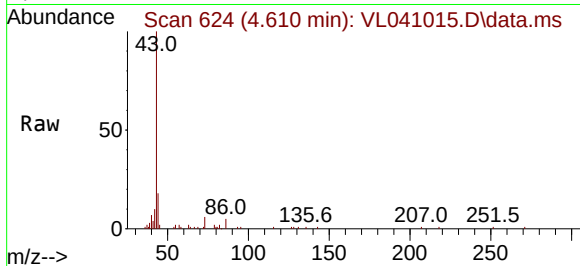
Tgt Ion: 96 Resp: 24966
 Ion Ratio Lower Upper
 96 100
 61 163.7 126.0 189.0
 98 61.2 51.2 76.8





#23
 Vinyl Acetate
 Concen: 0.372 ppbv
 RT: 4.610 min Scan# 618
 Delta R.T. 0.016 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

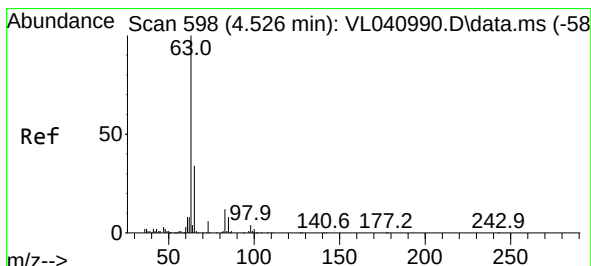
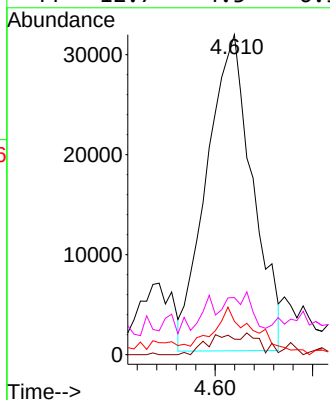
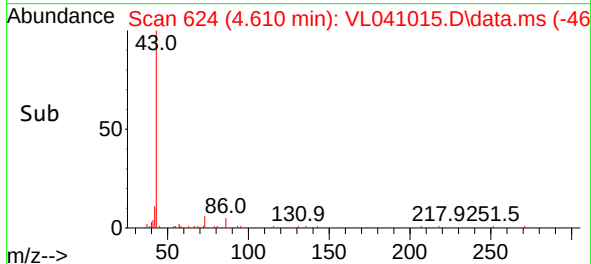
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024



Tgt Ion	Ratio	Lower	Upper
43	100		
86	5.5	5.4	8.0
42	8.7	8.6	13.0
44	12.7	4.3	6.5

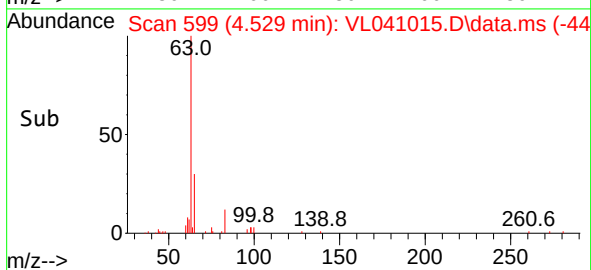
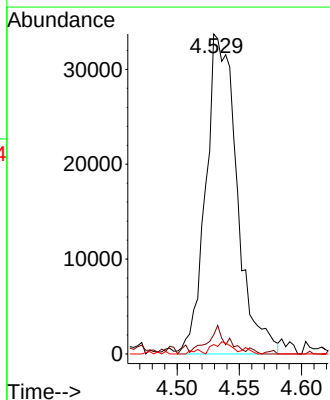
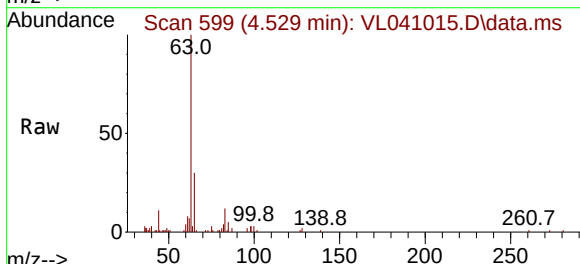
Manual Integrations
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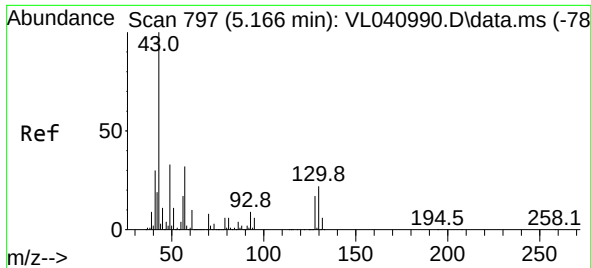
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#24
 1,1-Dichloroethane
 Concen: 0.479 ppbv m
 RT: 4.529 min Scan# 599
 Delta R.T. -0.000 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

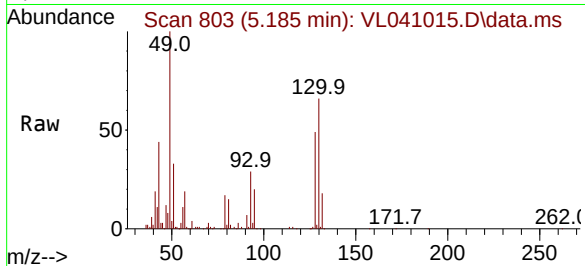
Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.0	2.1	6.3
100	2.9	1.3	3.9





#25
Ethyl Acetate
Concen: 0.436 ppbv
RT: 5.185 min Scan# 803
Delta R.T. 0.019 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

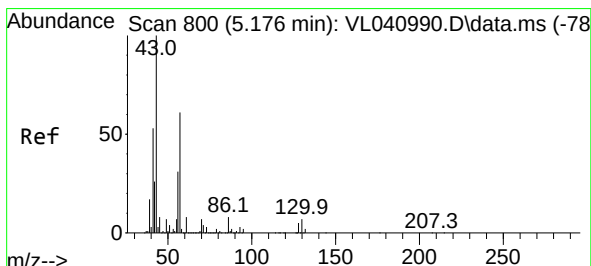
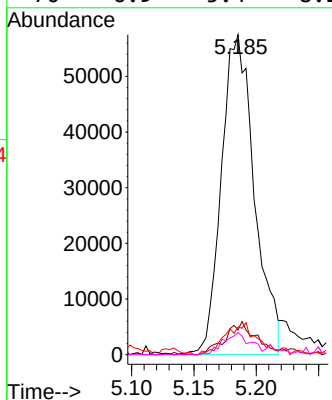
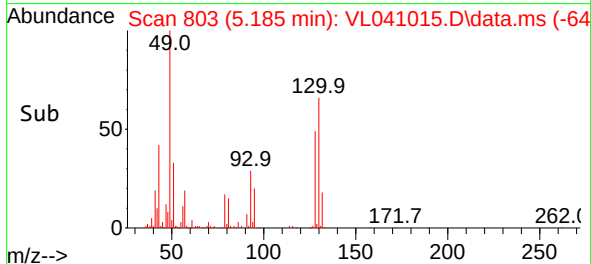
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
45 11.3 8.2 12.4
61 10.3 7.9 11.9
70 6.9 5.4 8.2

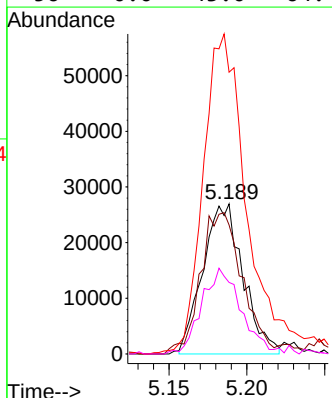
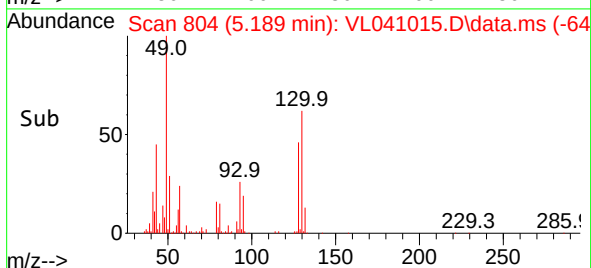
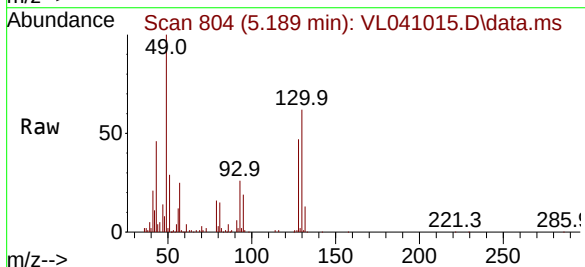
Manual Integrations
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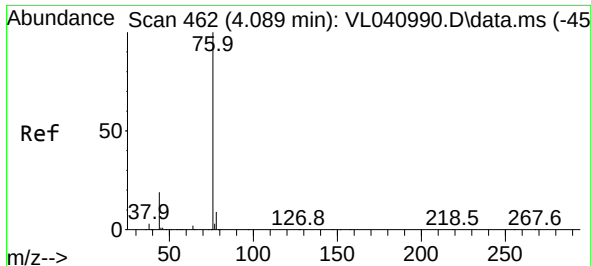
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#26
Hexane
Concen: 0.467 ppbv m
RT: 5.189 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

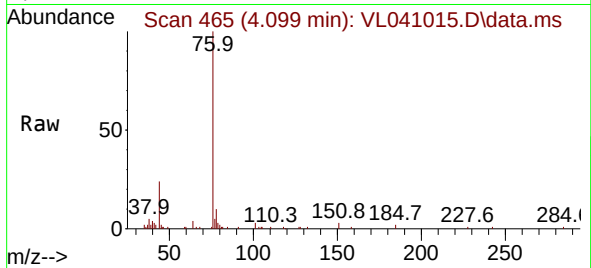
Tgt Ion: 57 Resp: 48477
Ion Ratio Lower Upper
57 100
41 106.6 74.4 111.6
43 236.1 190.6 285.8
56 0.0 43.0 64.4





#27
Carbon Disulfide
Concen: 0.409 ppbv
RT: 4.099 min Scan# 409
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

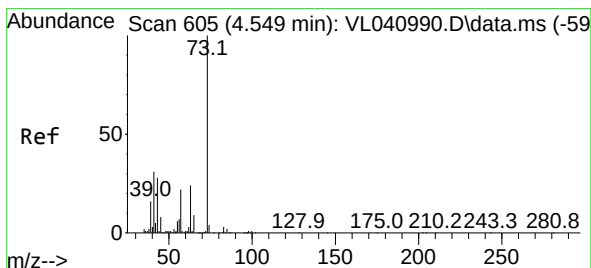
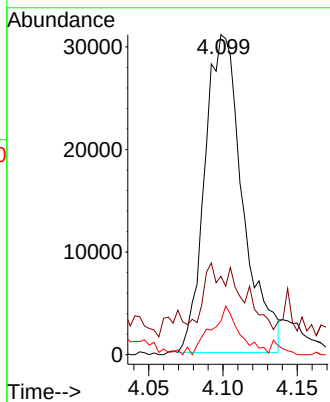
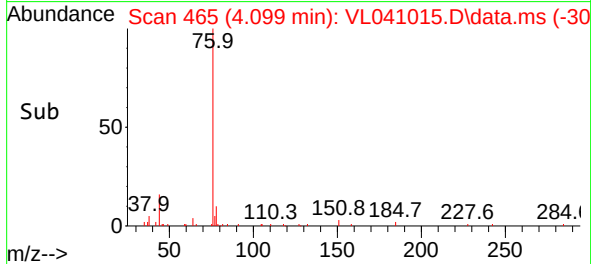
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 76 Resp: 5516
Ion Ratio Lower Upper
76 100
44 30.4 16.0 24.0
78 12.8 7.8 11.8

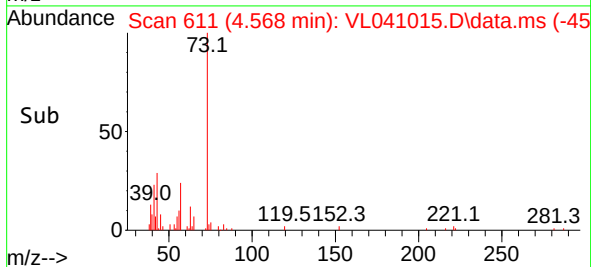
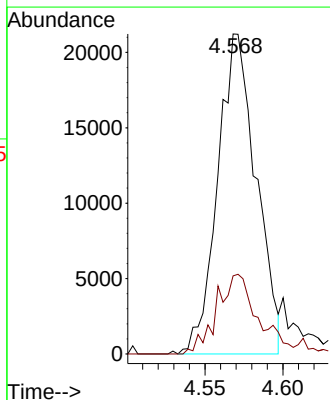
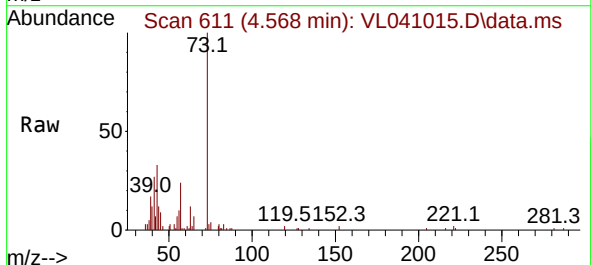
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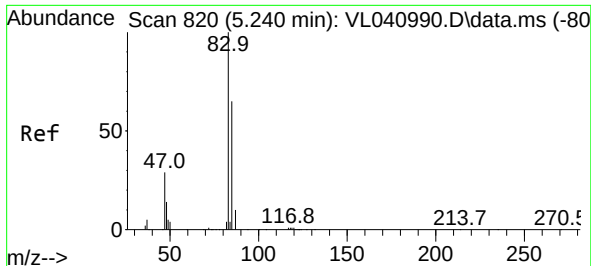
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#28
Methyl tert-Butyl Ether
Concen: 0.424 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.016 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion: 73 Resp: 36457
Ion Ratio Lower Upper
73 100
57 28.6 18.0 27.0





#29

Chloroform

Concen: 0.495 ppbv

RT: 5.240 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 83 Resp: 9100

Ion Ratio Lower Upper

83 100

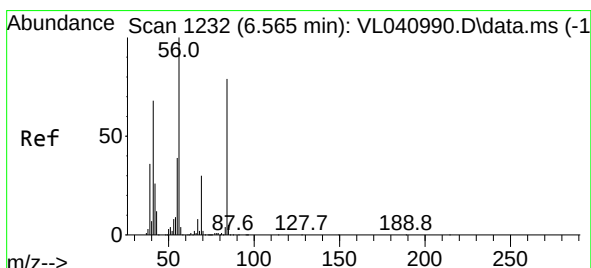
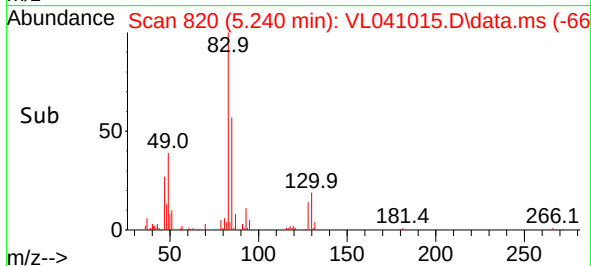
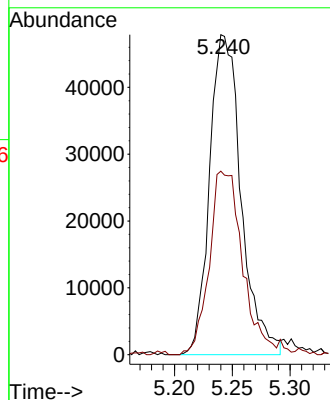
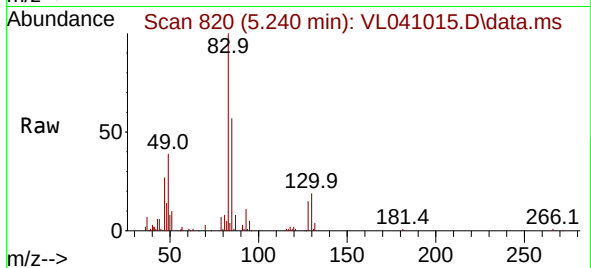
85 57.3 51.6 77.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#30

Cyclohexane

Concen: 0.396 ppbv m

RT: 6.561 min Scan# 1231

Delta R.T. -0.003 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

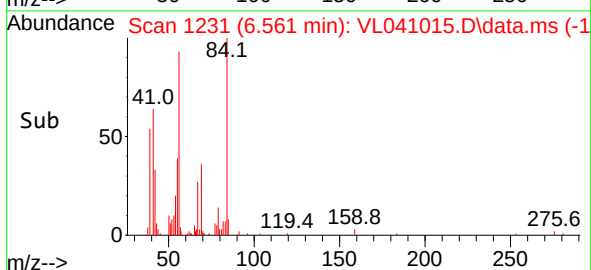
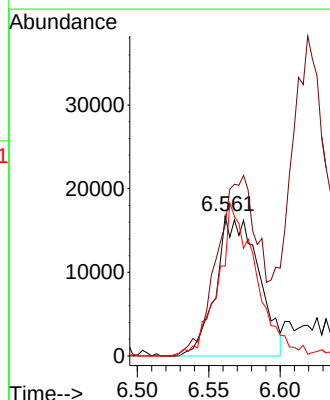
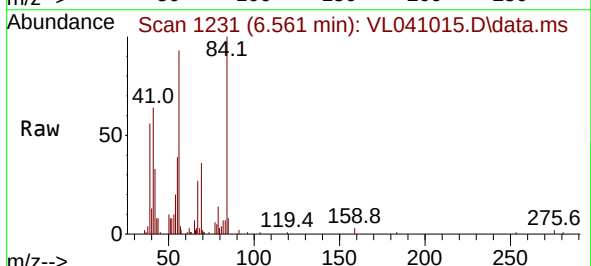
Tgt Ion: 84 Resp: 34440

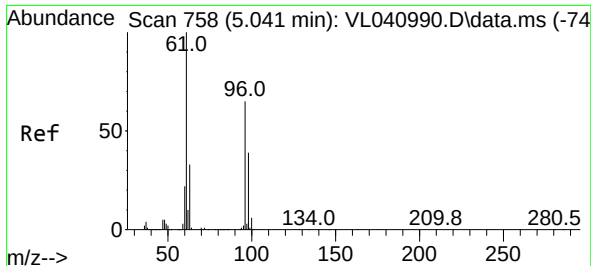
Ion Ratio Lower Upper

84 100

56 127.7 111.7 167.5

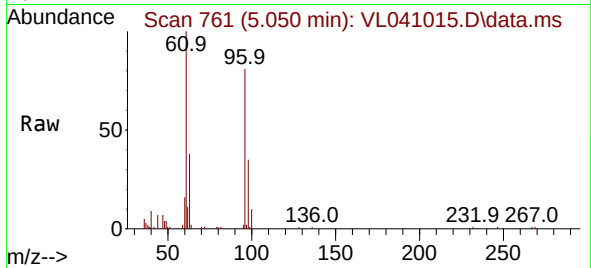
41 101.2 71.0 106.6





#31
 cis-1,2-Dichloroethene
 Concen: 0.477 ppbv
 RT: 5.050 min Scan# 758
 Delta R.T. 0.006 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

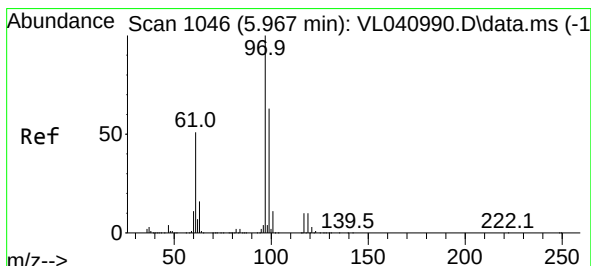
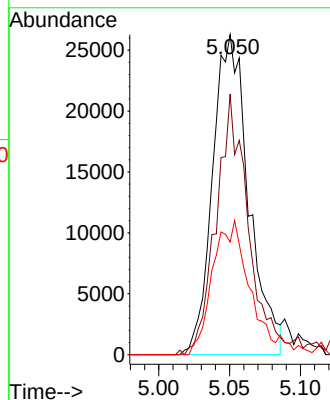
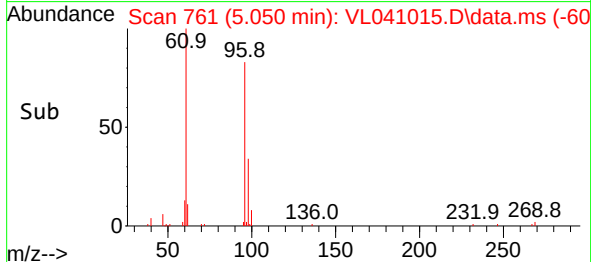
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 61 Resp: 4646
 Ion Ratio Lower Upper
 61 100
 96 72.2 51.9 77.9
 98 31.8 31.5 47.3

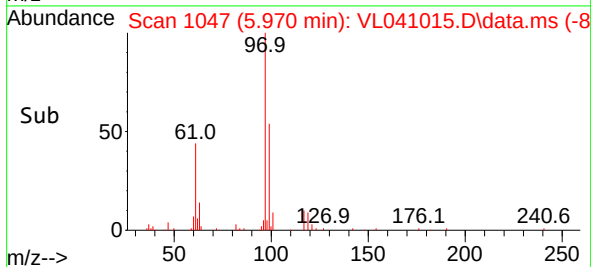
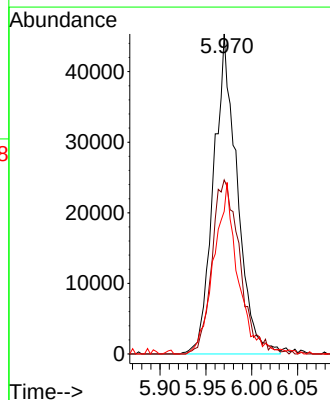
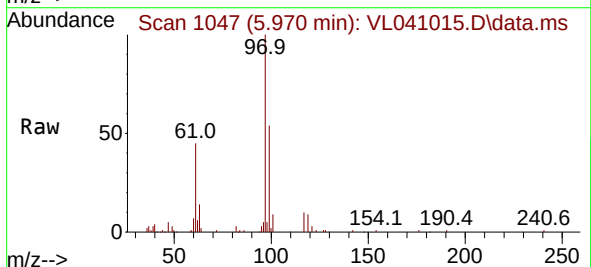
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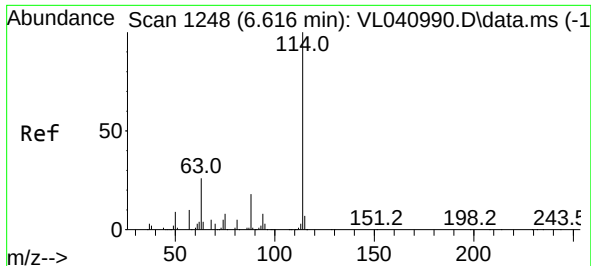
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.461 ppbv
 RT: 5.970 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

Tgt Ion: 97 Resp: 81092
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 55.4 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.623 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

Tgt Ion:114 Resp: 273160

Ion Ratio Lower Upper

114 100

63 25.6 20.8 31.2

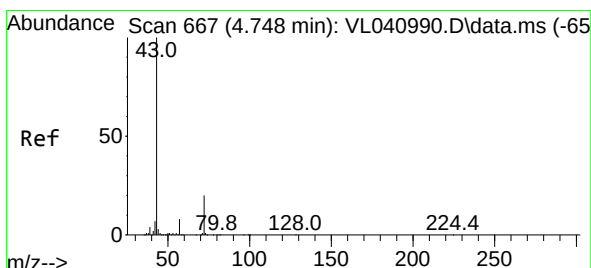
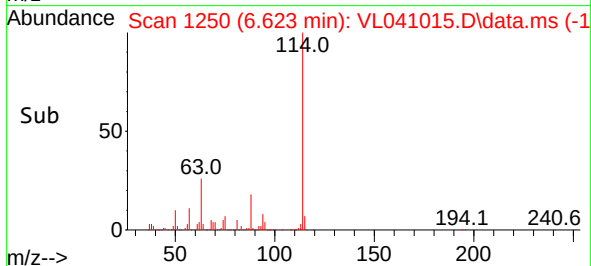
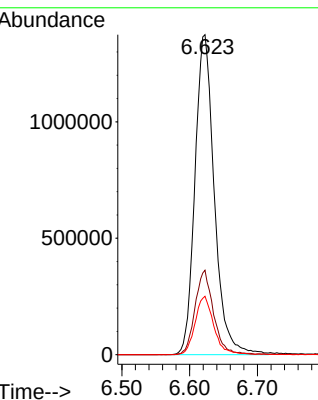
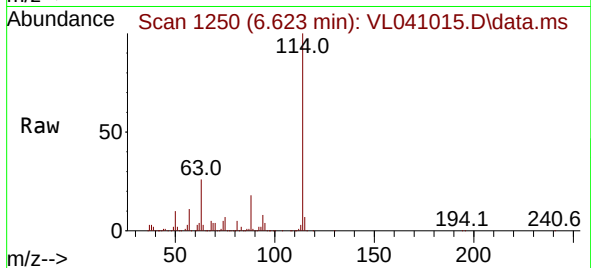
88 17.8 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#34

2-Butanone

Concen: 0.433 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.022 min

Lab File: VL041015.D

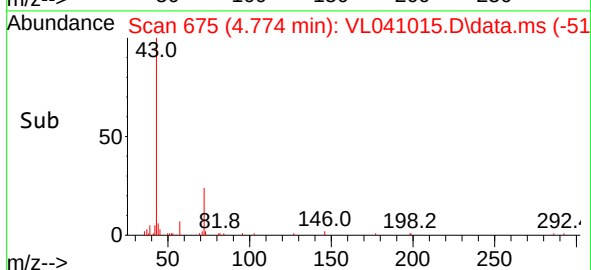
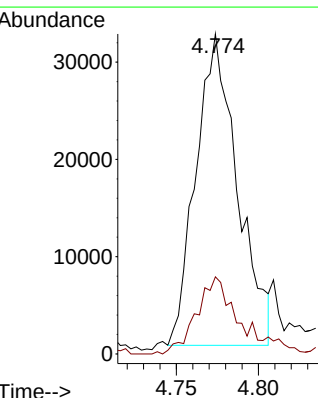
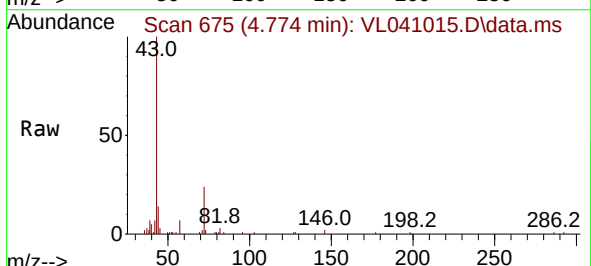
Acq: 24 Jan 2024 14:30

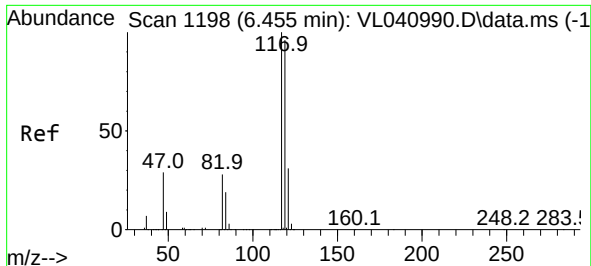
Tgt Ion: 43 Resp: 56305

Ion Ratio Lower Upper

43 100

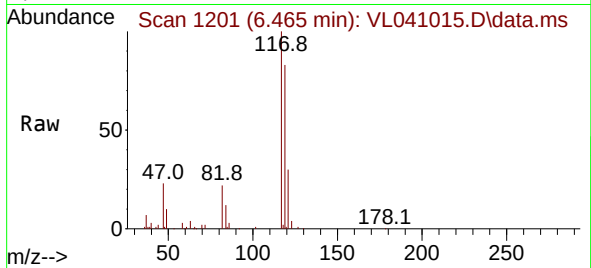
72 26.4 17.5 26.3#





#35
Carbon Tetrachloride
Concen: 0.453 ppbv
RT: 6.465 min Scan# 1198
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

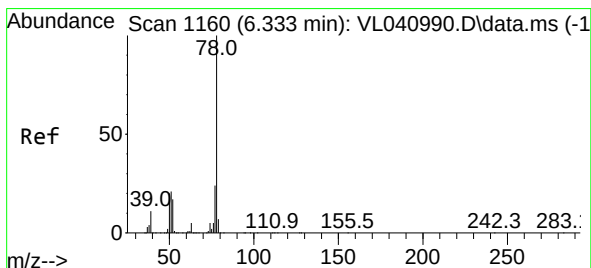
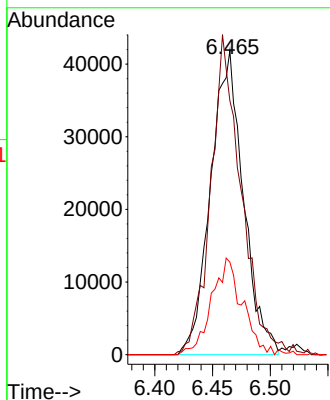
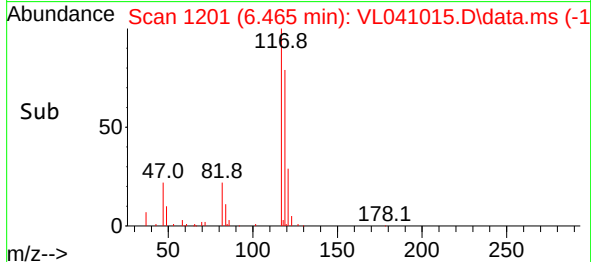
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



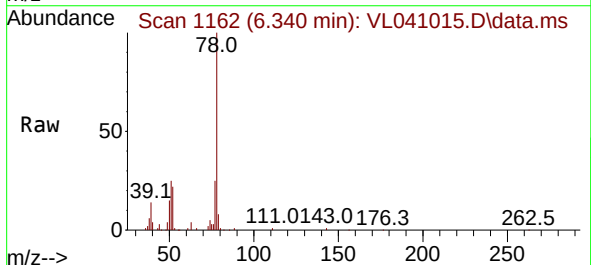
Tgt Ion: 117 Resp: 82464
Ion Ratio Lower Upper
117 100
119 83.2 76.9 115.3
121 30.4 24.7 37.1

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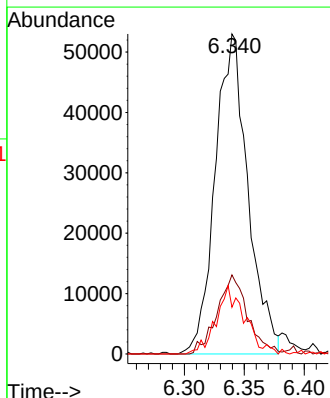
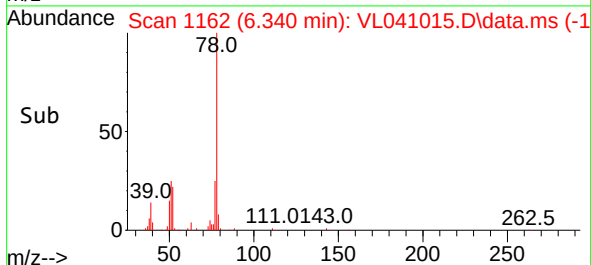
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

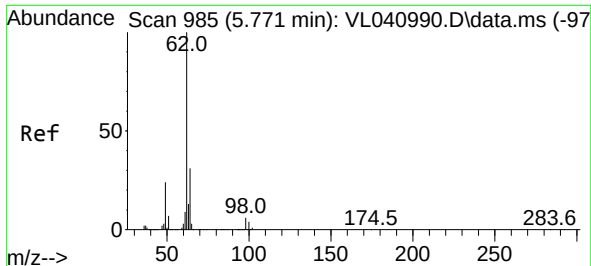


#36
Benzene
Concen: 0.445 ppbv
RT: 6.340 min Scan# 1162
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30



Tgt Ion: 78 Resp: 100453
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4
50 14.6 15.8 23.6#





#37

1,2-Dichloroethane

Concen: 0.428 ppbv

RT: 5.777 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL041015.D

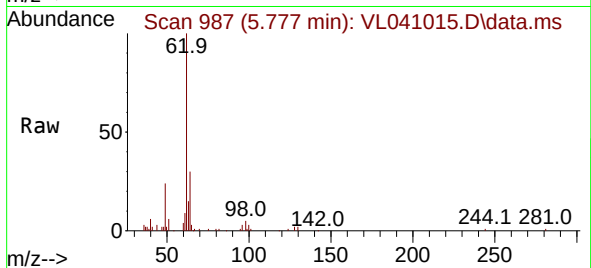
Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024



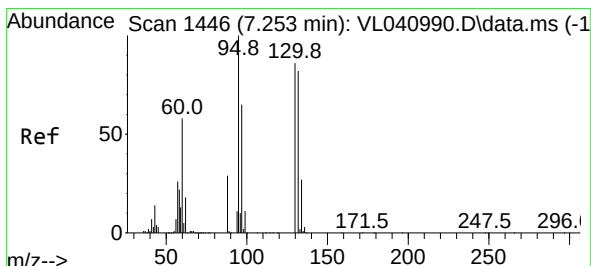
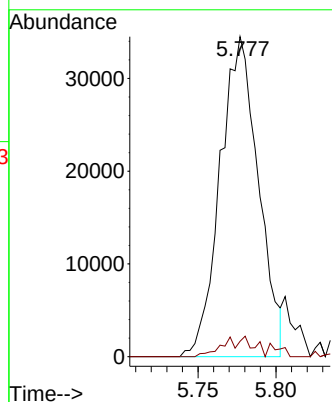
Tgt Ion: 62 Resp: 58918

Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.7	7.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#38

Trichloroethene

Concen: 0.384 ppbv

RT: 7.262 min Scan# 1449

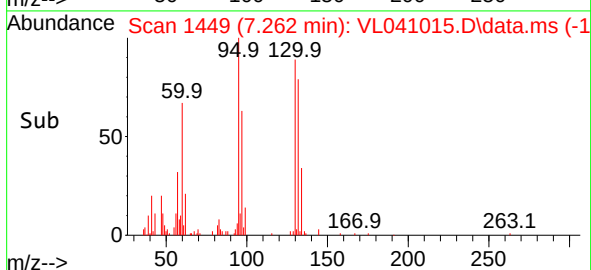
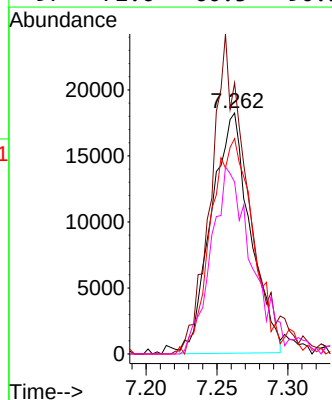
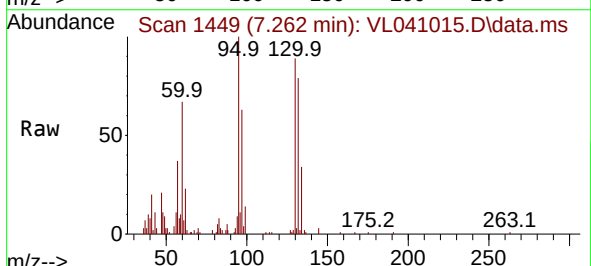
Delta R.T. 0.010 min

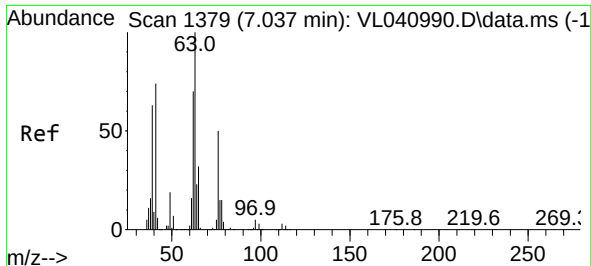
Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion:130 Resp: 34724

Ion	Ratio	Lower	Upper
130	100		
95	113.1	92.9	139.3
132	87.8	76.2	114.2
97	72.6	60.3	90.5





#39

1,2-Dichloropropane

Concen: 0.395 ppbv

RT: 7.044 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

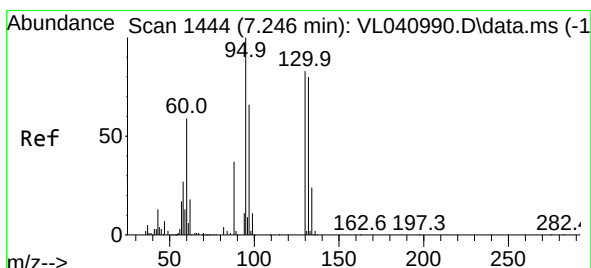
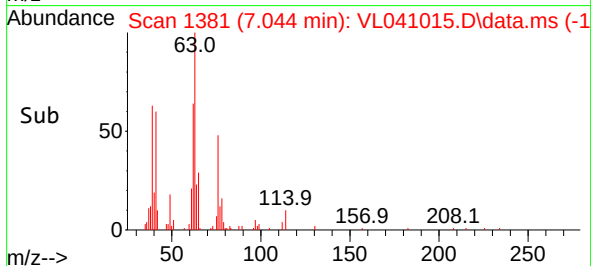
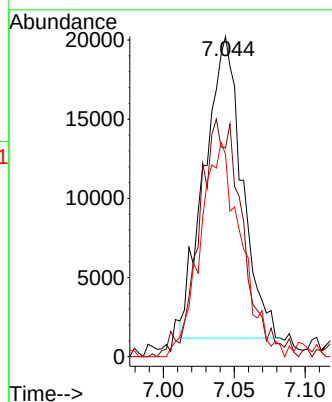
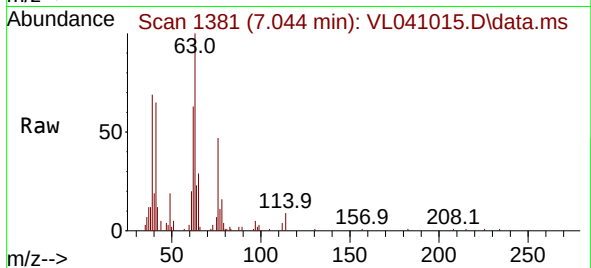
LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 63	Resp: 3511
Ion Ratio	Lower Upper
63	100
41	52.3 59.6 89.4
62	51.1 55.6 83.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40

1,4-Dioxane

Concen: 0.409 ppbv m

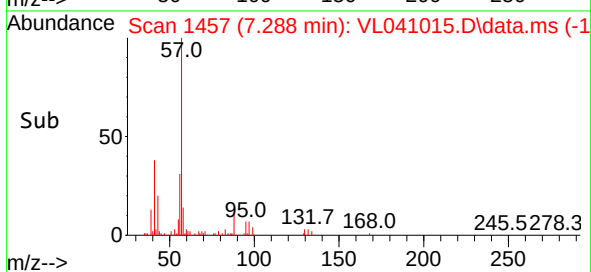
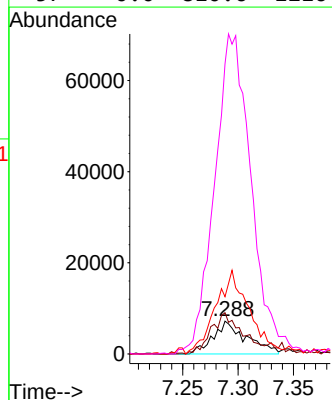
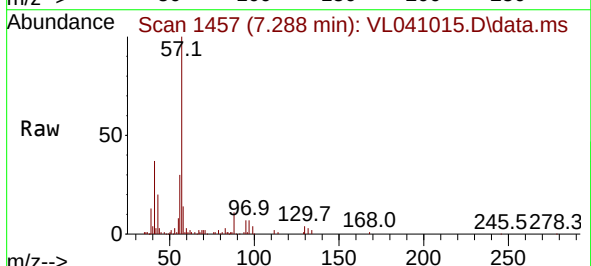
RT: 7.288 min Scan# 1457

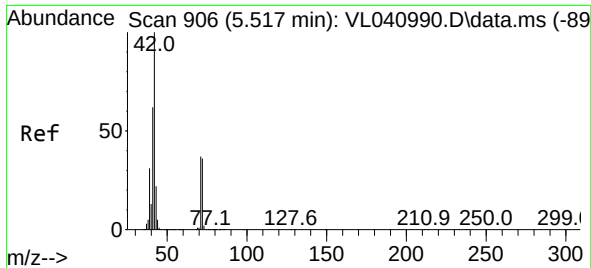
Delta R.T. 0.038 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

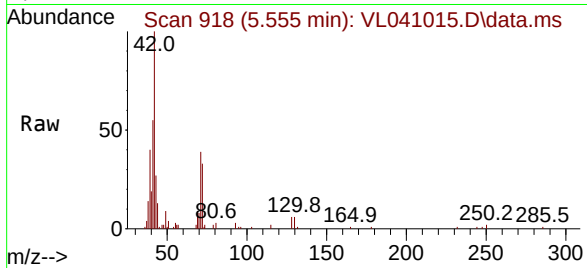
Tgt Ion: 88	Resp: 15106
Ion Ratio	Lower Upper
88	100
58	0.0 96.6 144.8#
43	0.0 191.0 286.6#
57	0.0 810.6 1216.0#





#41
Tetrahydrofuran
Concen: 0.355 ppbv m
RT: 5.555 min Scan# 918
Delta R.T. 0.035 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

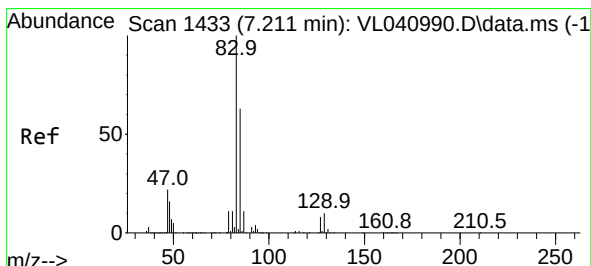
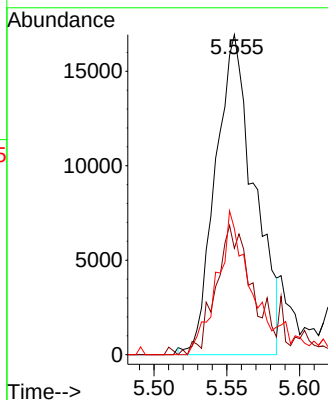
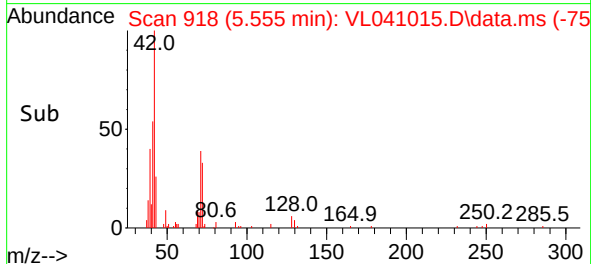
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 42 Resp: 31350
Ion Ratio Lower Upper
42 100
72 41.1 30.0 45.0
71 45.2 29.5 44.3

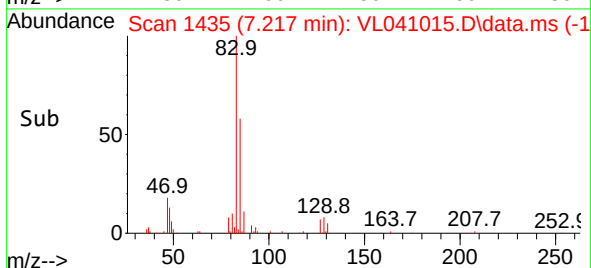
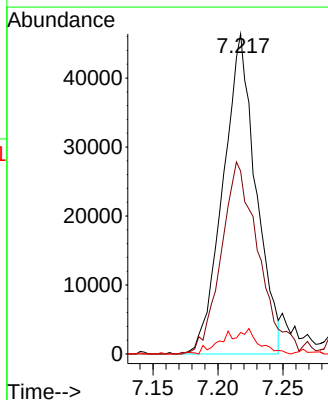
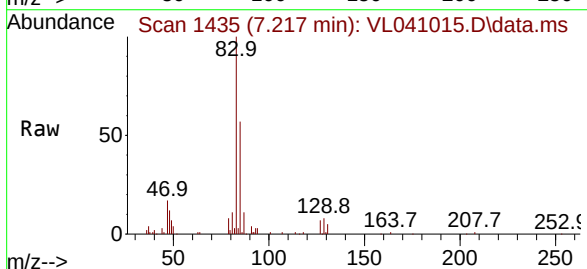
Manual Integrations
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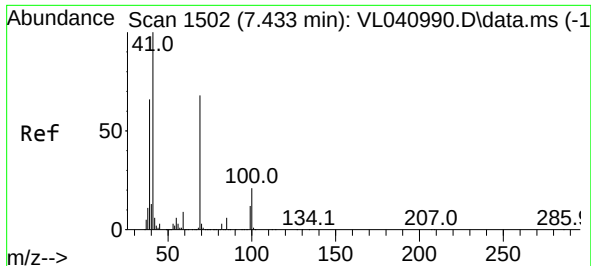
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
Bromodichloromethane
Concen: 0.414 ppbv
RT: 7.217 min Scan# 1435
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

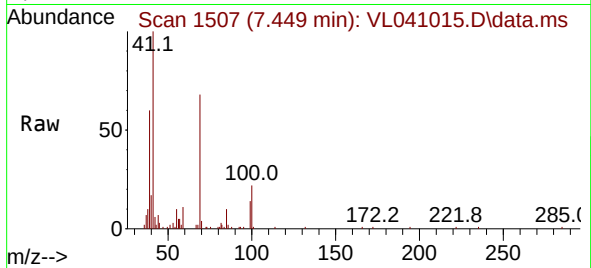
Tgt Ion: 83 Resp: 81649
Ion Ratio Lower Upper
83 100
85 57.1 50.5 75.7
127 6.7 6.4 9.6





#43
Methyl Methacrylate
Concen: 0.336 ppbv m
RT: 7.449 min Scan# 1507
Delta R.T. 0.010 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

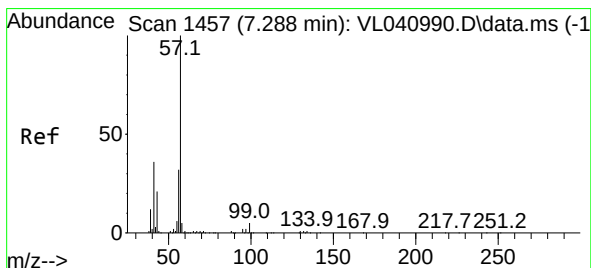
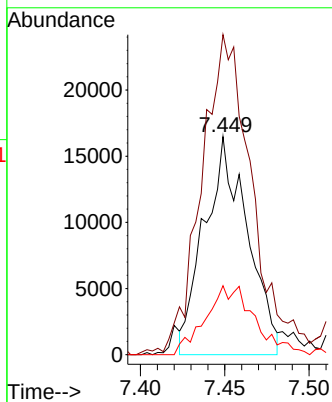
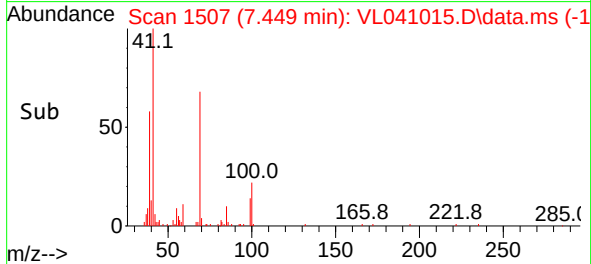
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 69 Resp: 2924
Ion Ratio Lower Upper
69 100
41 174.7 120.2 180.2
100 36.0 24.6 36.8

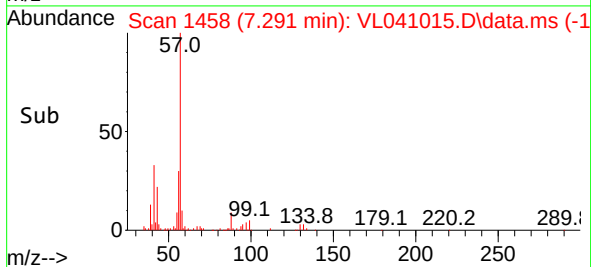
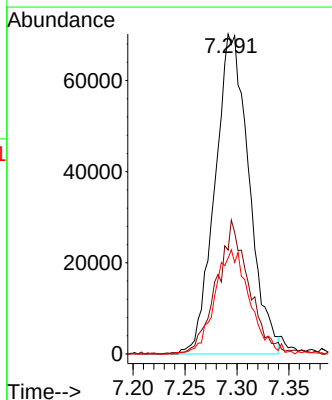
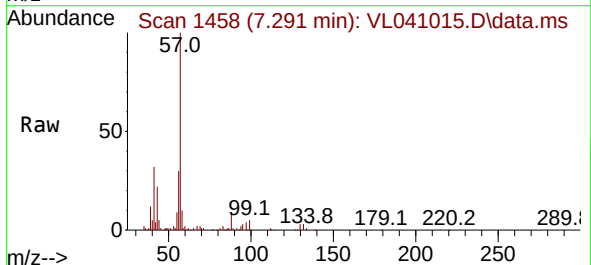
Manual Integrations
APPROVED

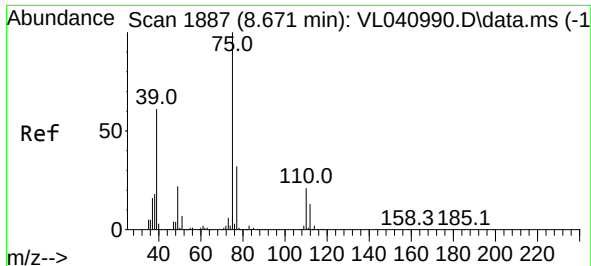
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#44
2,2,4-Trimethylpentane
Concen: 0.420 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

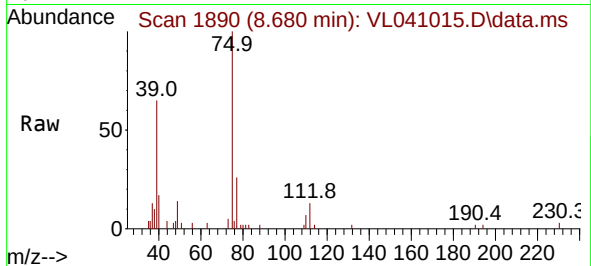
Tgt Ion: 57 Resp: 159471
Ion Ratio Lower Upper
57 100
41 40.5 28.6 43.0
56 33.9 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 0.284 ppbv m
RT: 8.680 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

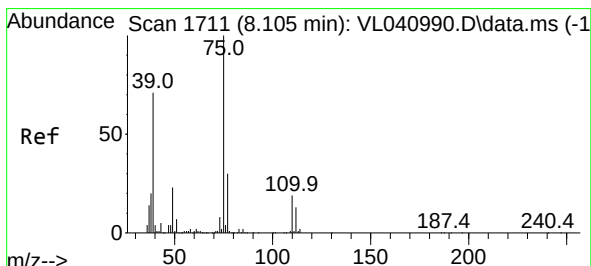
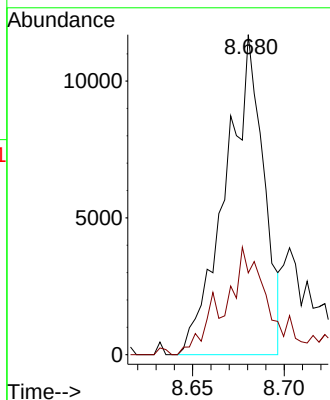
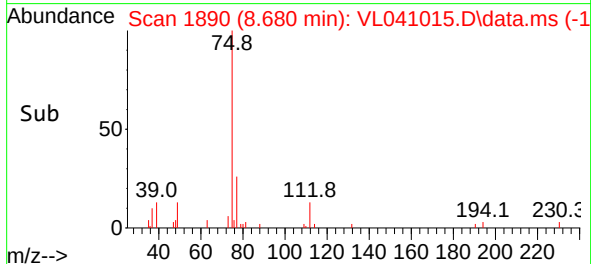
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 75 Resp: 16898
Ion Ratio Lower Upper
75 100
77 25.5 25.3 37.9

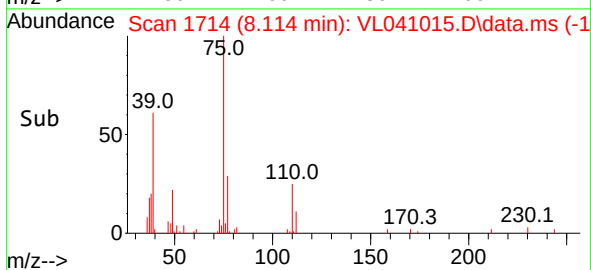
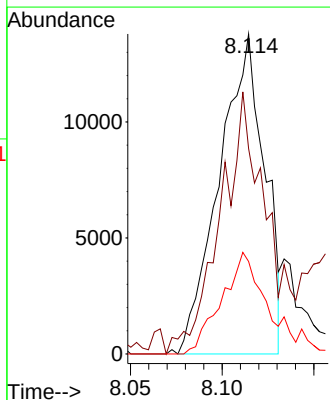
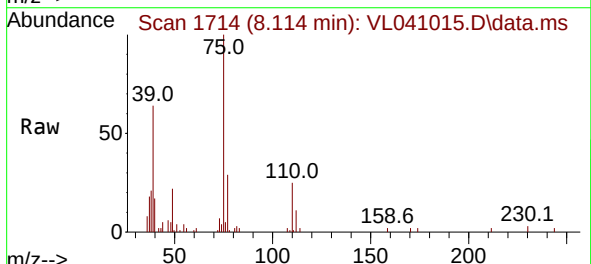
Manual Integrations
APPROVED

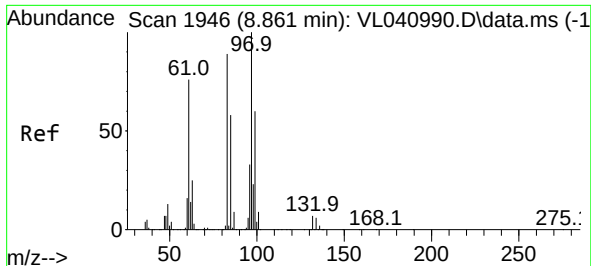
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#46
cis-1,3-Dichloropropene
Concen: 0.319 ppbv
RT: 8.114 min Scan# 1714
Delta R.T. 0.010 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion: 75 Resp: 23663
Ion Ratio Lower Upper
75 100
39 51.8 57.3 85.9#
77 28.9 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 0.384 ppbv m

RT: 8.867 min Scan# 1946

Delta R.T. 0.006 min

Lab File: VL041015.D

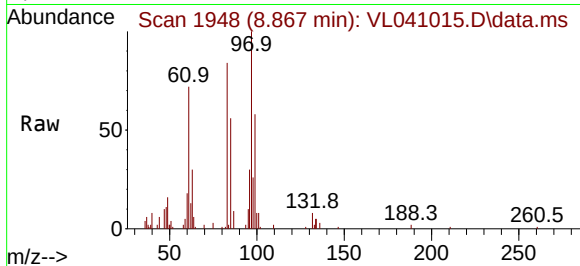
Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 97 Resp: 3678

Ion Ratio Lower Upper

97 100

83 83.6 71.5 107.3

85 56.2 46.1 69.1

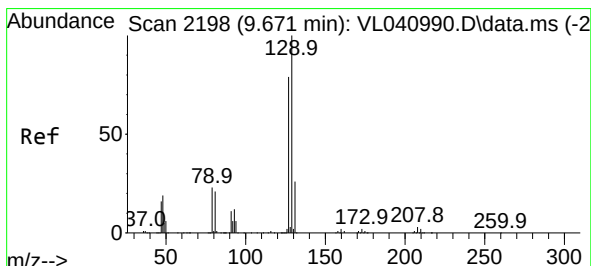
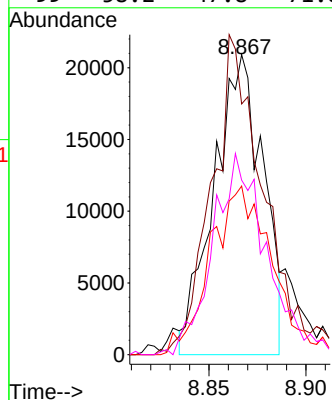
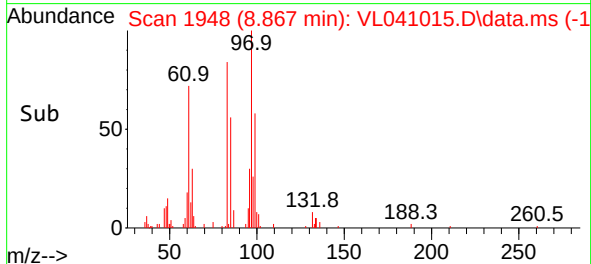
99 58.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#48

Dibromochloromethane

Concen: 0.395 ppbv

RT: 9.671 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VL041015.D

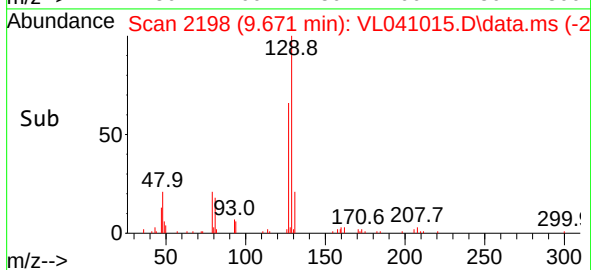
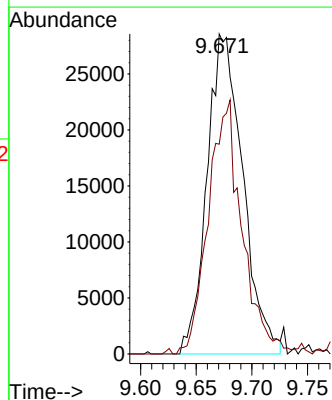
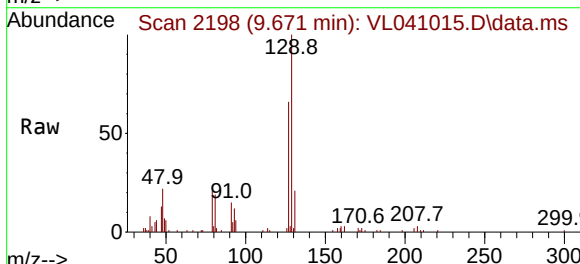
Acq: 24 Jan 2024 14:30

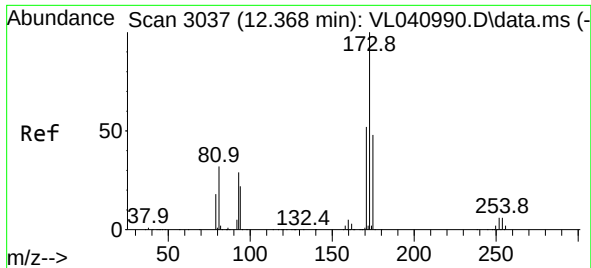
Tgt Ion:129 Resp: 63945

Ion Ratio Lower Upper

129 100

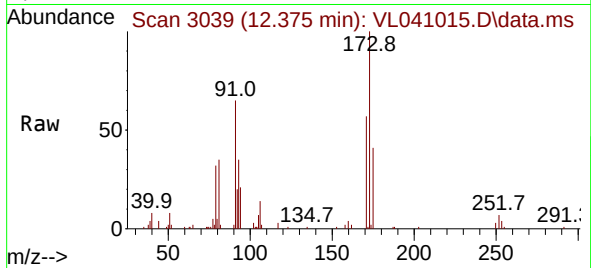
127 76.5 39.6 119.0





#49
Bromoform
Concen: 0.378 ppbv
RT: 12.375 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

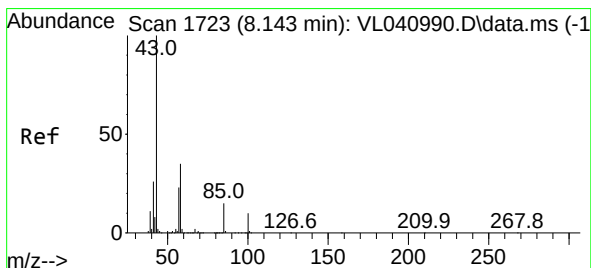
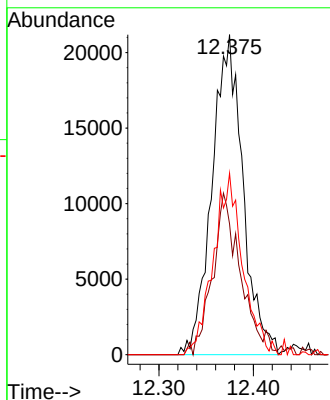
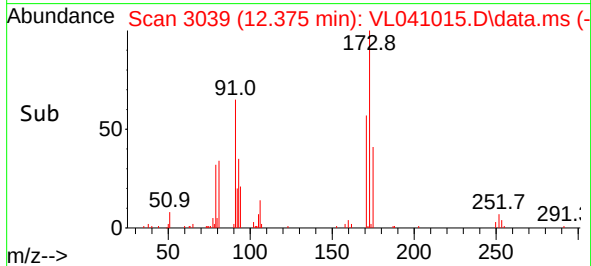
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion:173 Resp: 48040
Ion Ratio Lower Upper
173 100
175 46.3 39.0 58.4
171 54.7 42.0 63.0

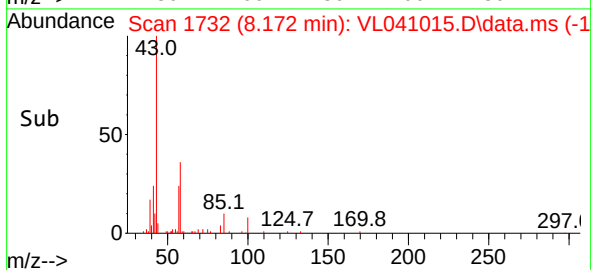
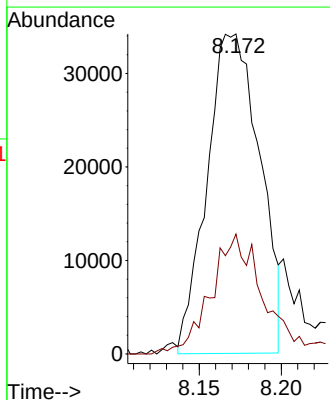
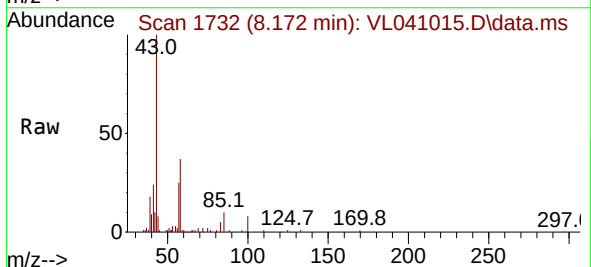
Manual Integrations
APPROVED

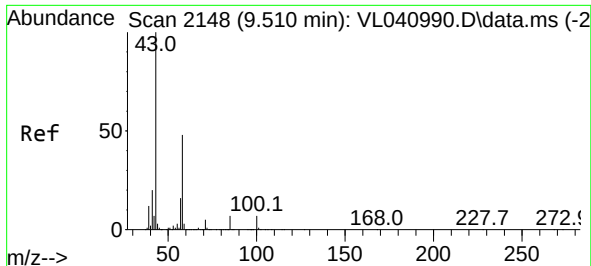
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#50
4-Methyl-2-Pentanone
Concen: 0.333 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.029 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

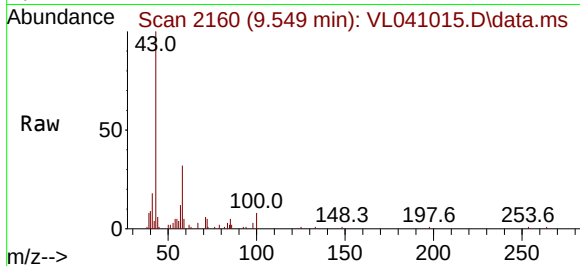
Tgt Ion: 43 Resp: 76346
Ion Ratio Lower Upper
43 100
58 38.6 27.8 41.8





#51
2-Hexanone
Concen: 0.296 ppbv m
RT: 9.549 min Scan# 2148
Delta R.T. 0.035 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

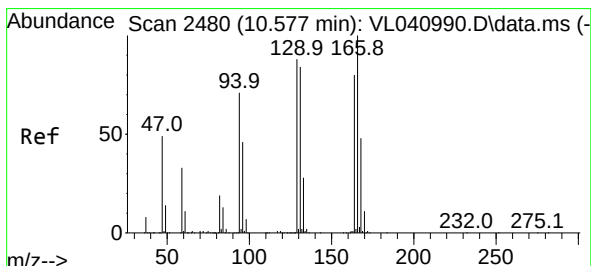
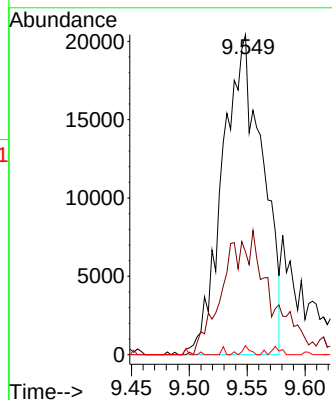
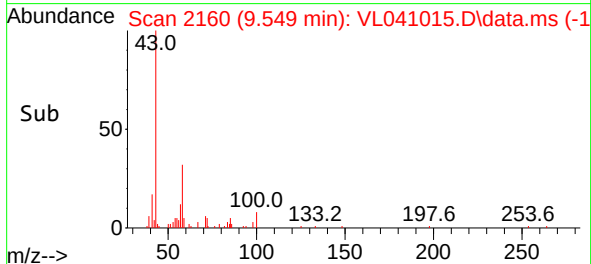
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 43 Resp: 48890
Ion Ratio Lower Upper
43 100
58 0.0 36.8 55.2
98 0.0 0.3 0.5

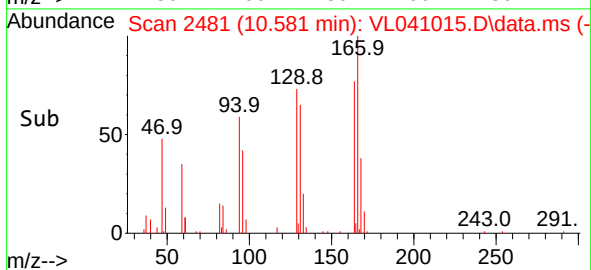
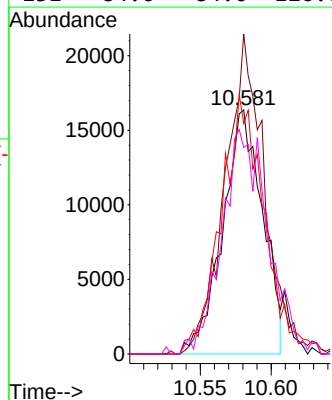
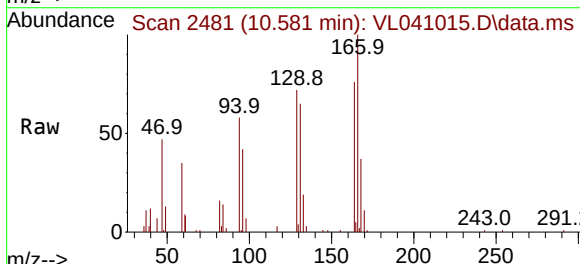
Manual Integrations
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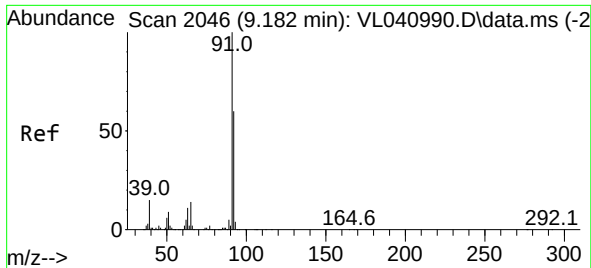
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#52
Tetrachloroethene
Concen: 0.428 ppbv
RT: 10.581 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

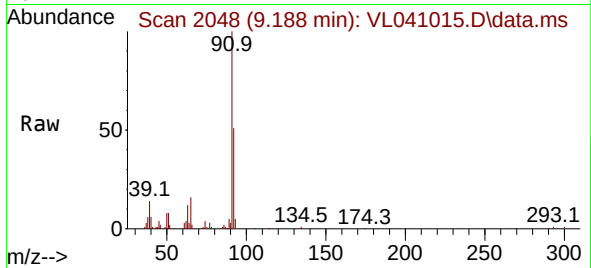
Tgt Ion:164 Resp: 32031
Ion Ratio Lower Upper
164 100
166 131.1 100.2 150.2
129 100.4 87.9 131.9
131 84.6 84.0 126.0





#53
Toluene
Concen: 0.379 ppbv
RT: 9.188 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

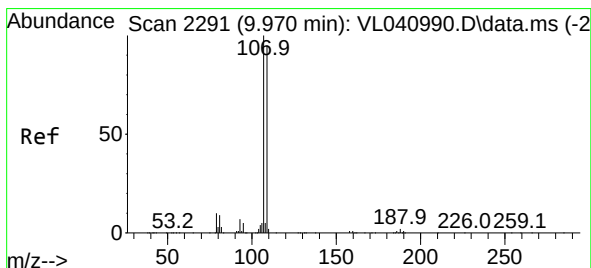
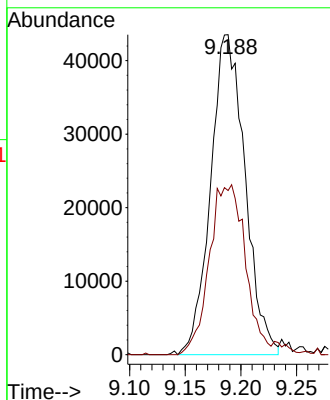
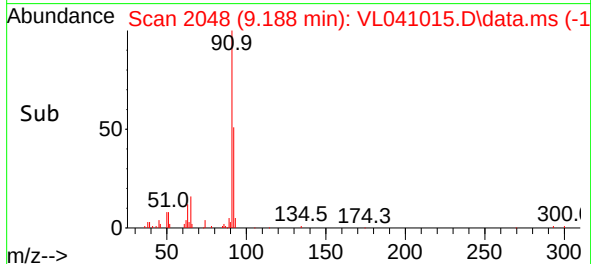
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



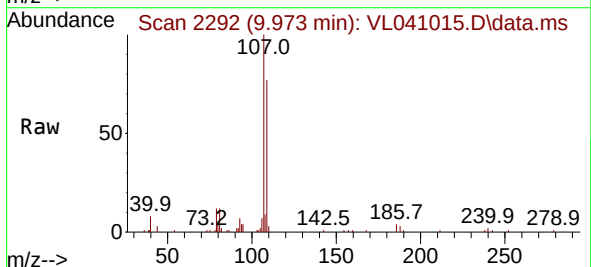
Tgt Ion: 91 Resp: 9354
Ion Ratio Lower Upper
91 100
92 57.7 48.6 72.8

Manual Integrations
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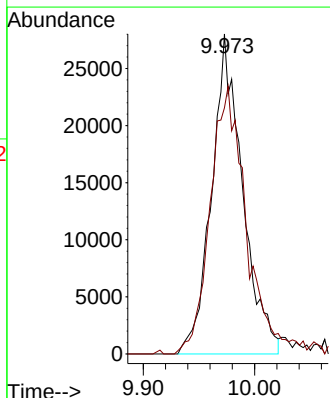
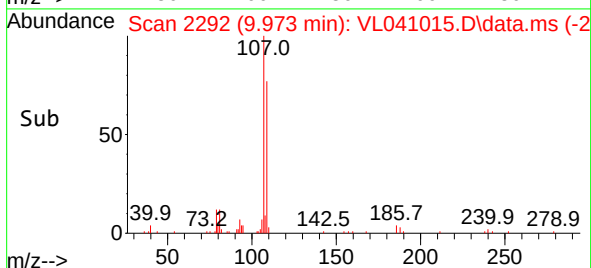
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

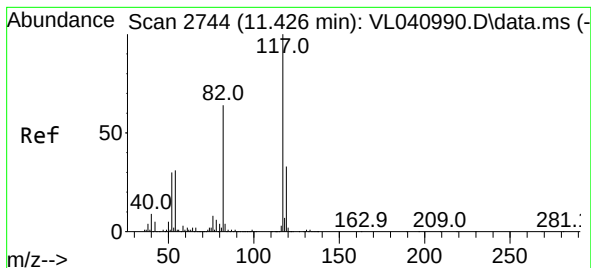


#54
1,2-Dibromoethane
Concen: 0.416 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.000 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30



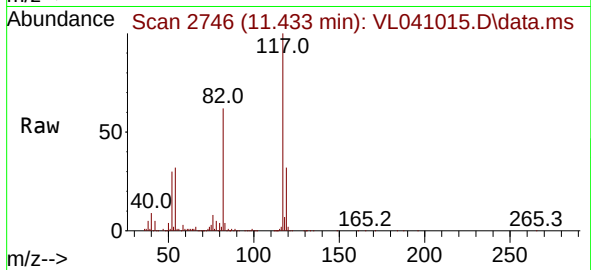
Tgt Ion:107 Resp: 53961
Ion Ratio Lower Upper
107 100
109 75.9 76.1 114.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

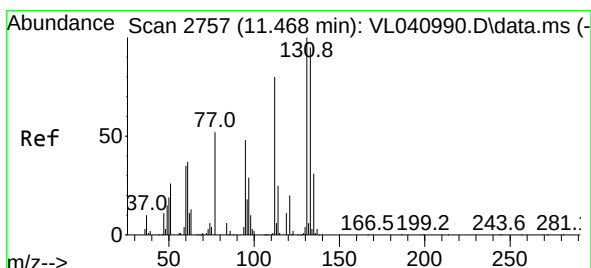
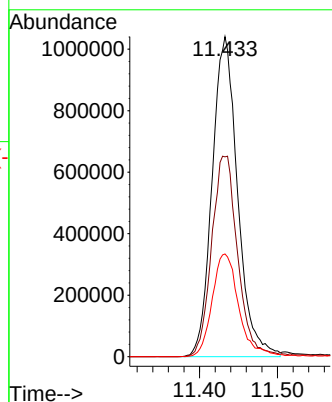
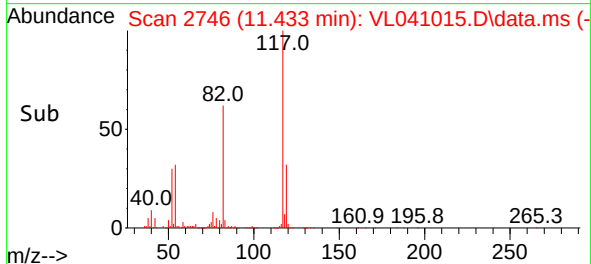
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



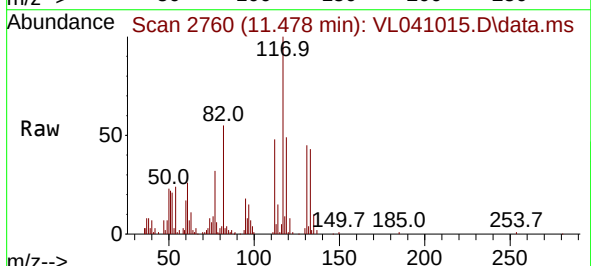
Tgt Ion:117 Resp: 236500
Ion Ratio Lower Upper
117 100
82 65.0 51.7 77.5
119 33.7 23.8 35.6

Manual Integrations
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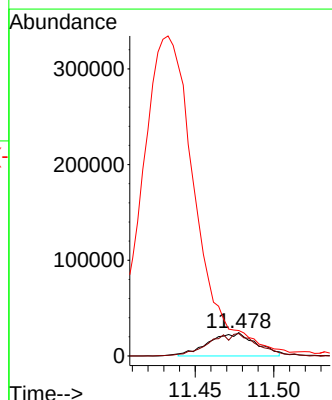
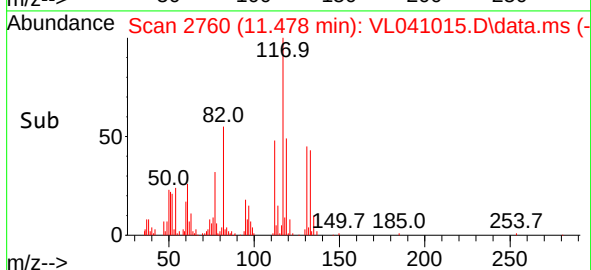
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

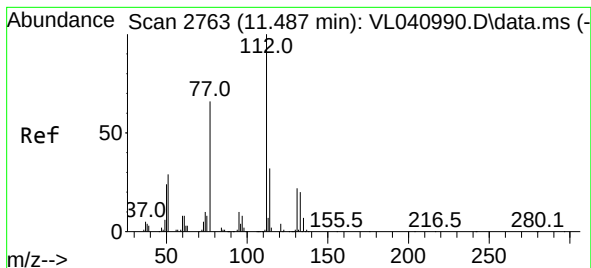


#56
1,1,1,2-Tetrachloroethane
Concen: 0.445 ppbv m
RT: 11.478 min Scan# 2760
Delta R.T. 0.010 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30



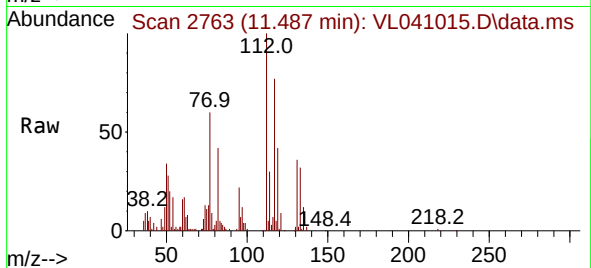
Tgt Ion:131 Resp: 50459
Ion Ratio Lower Upper
131 100
133 100.4 75.9 113.9
119 0.0 49.2 73.8#





#57
Chlorobenzene
Concen: 0.474 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

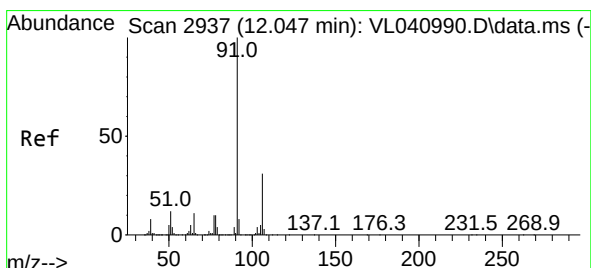
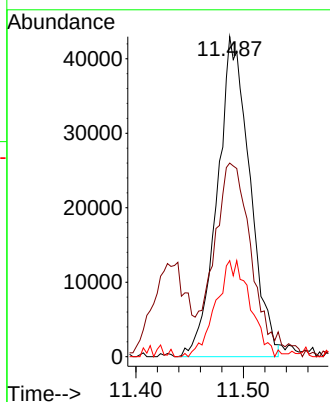
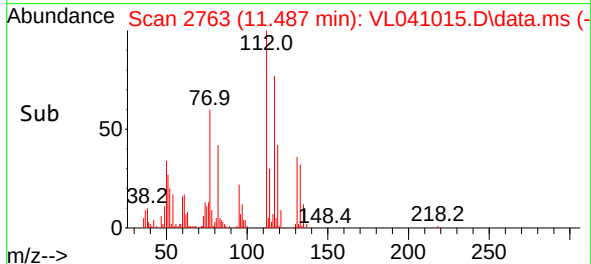
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion:112 Resp: 90132
Ion Ratio Lower Upper
112 100
77 53.7 53.4 80.0
114 30.5 29.1 35.5

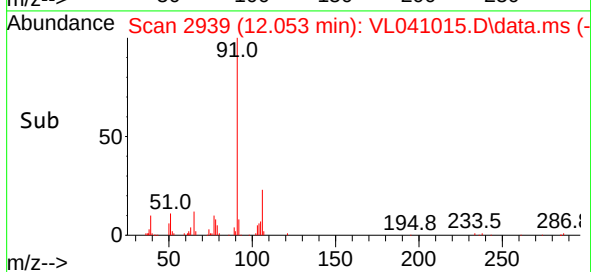
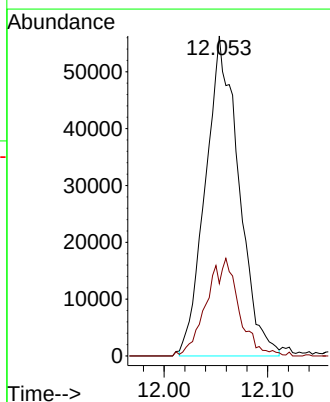
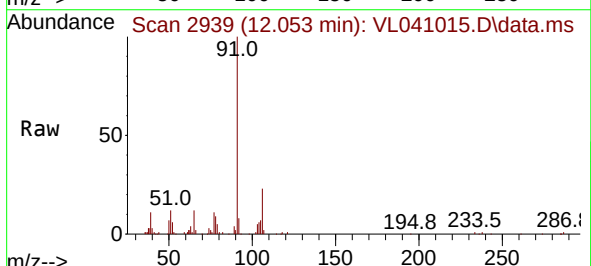
Manual Integrations
APPROVED

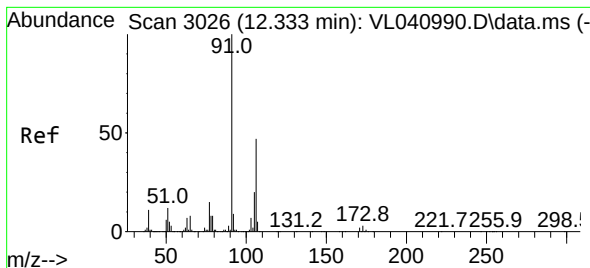
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#58
Ethyl Benzene
Concen: 0.397 ppbv m
RT: 12.053 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

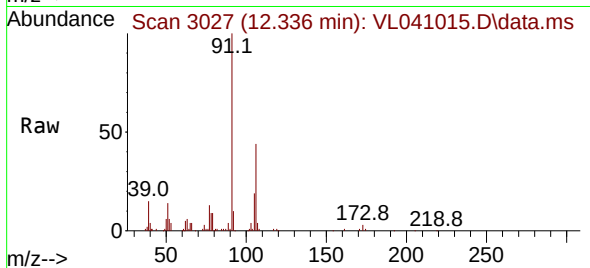
Tgt Ion: 91 Resp: 126207
Ion Ratio Lower Upper
91 100
106 22.6 24.8 37.2#





#59
m/p-Xylene
Concen: 0.831 ppbv m
RT: 12.336 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

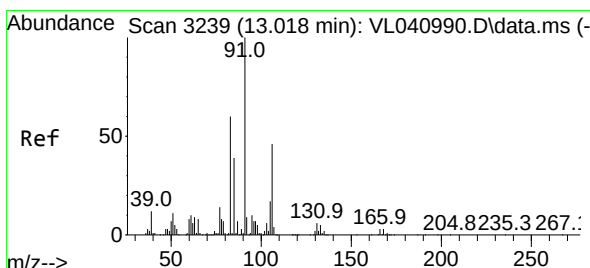
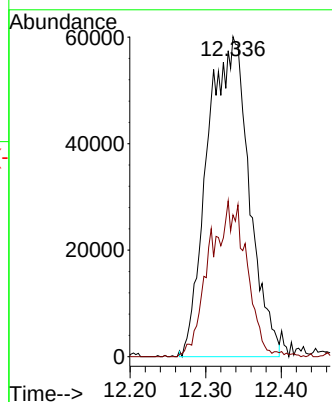
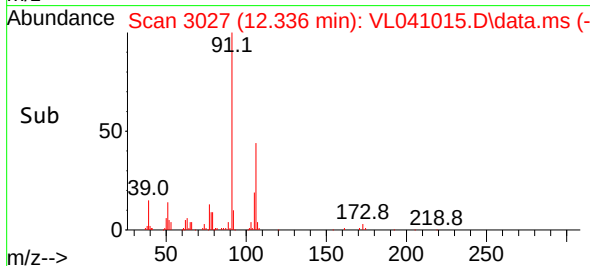
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 91 Resp: 230091
Ion Ratio Lower Upper
91 100
106 43.5 34.9 52.3

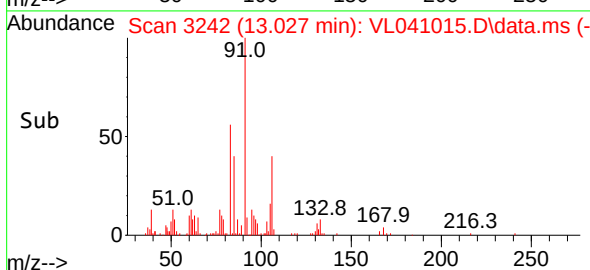
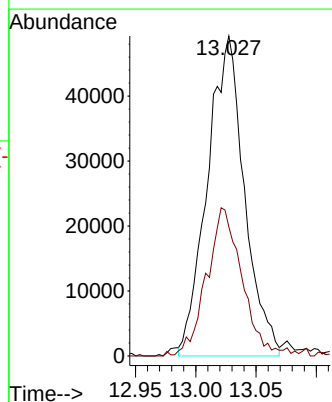
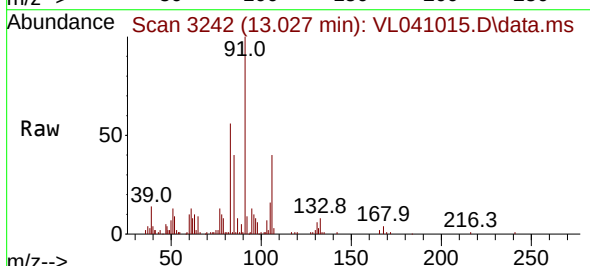
Manual Integrations
APPROVED

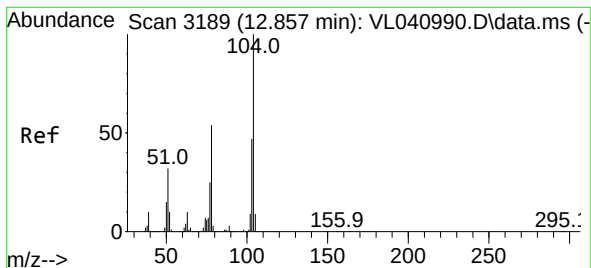
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#60
o-Xylene
Concen: 0.396 ppbv m
RT: 13.027 min Scan# 3242
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion: 91 Resp: 105218
Ion Ratio Lower Upper
91 100
106 0.0 22.6 67.7#





#61

Styrene

Concen: 0.326 ppbv m

RT: 12.867 min Scan# 3189

Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

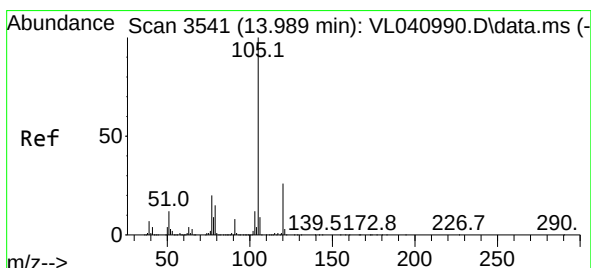
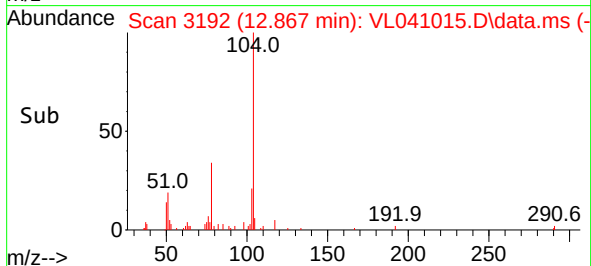
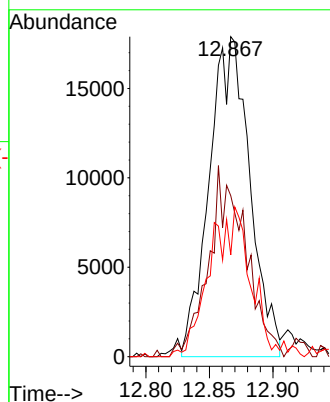
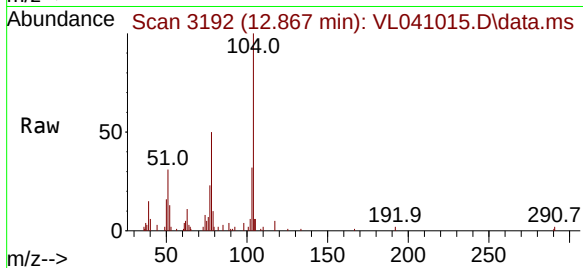
Tgt Ion:104 Resp: 3974

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.7	64.1
103	47.8	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#62

Isopropylbenzene

Concen: 0.430 ppbv m

RT: 13.995 min Scan# 3543

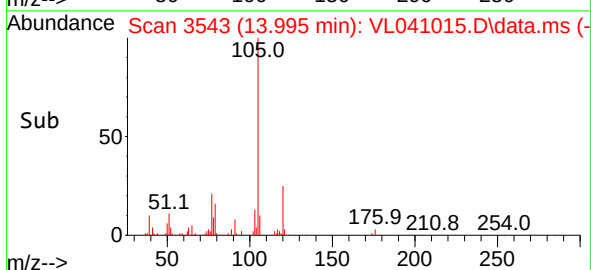
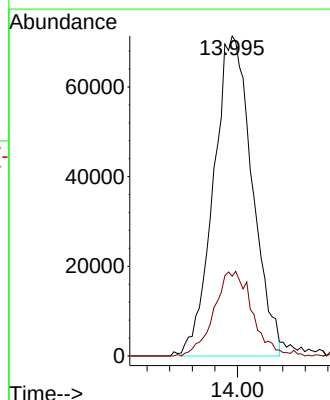
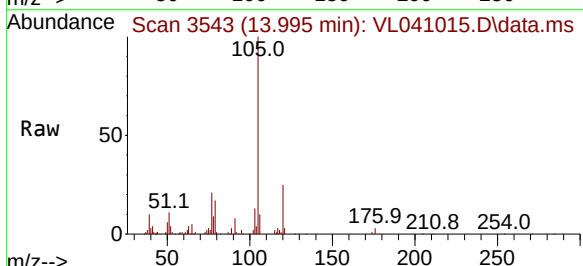
Delta R.T. 0.003 min

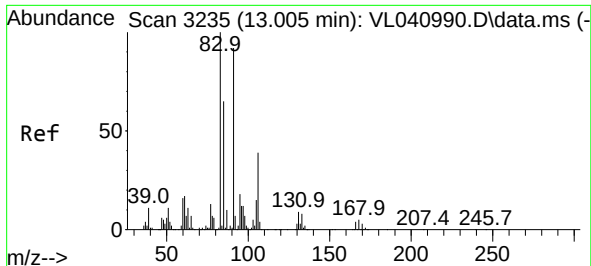
Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion:105 Resp: 168987

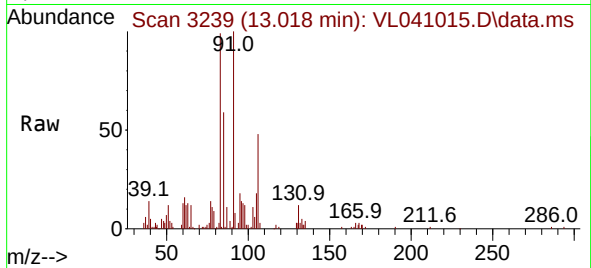
Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.9	31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.438 ppbv
RT: 13.018 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

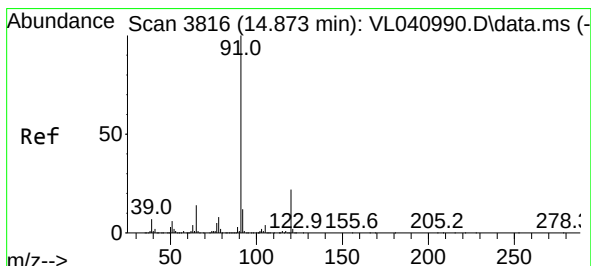
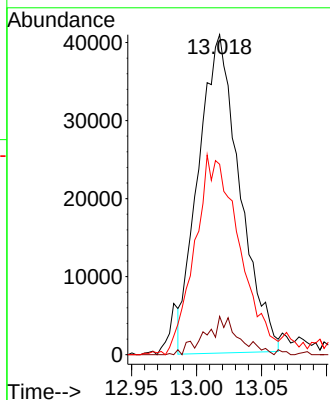
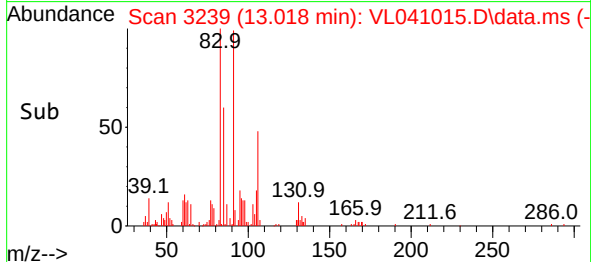
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 83 Resp: 9041
Ion Ratio Lower Upper
83 100
131 10.1 4.6 13.8
85 72.5 33.0 99.0

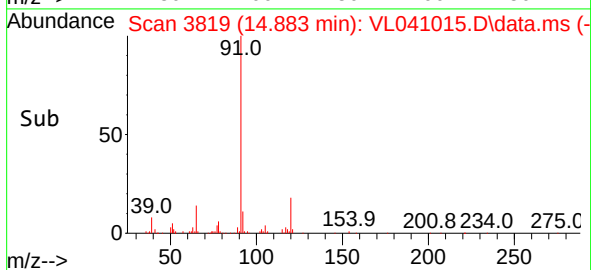
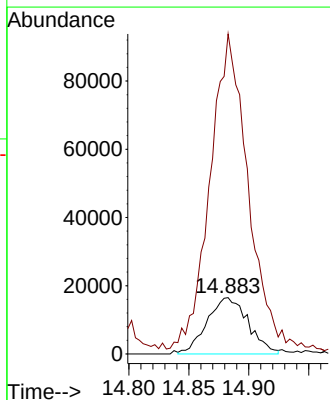
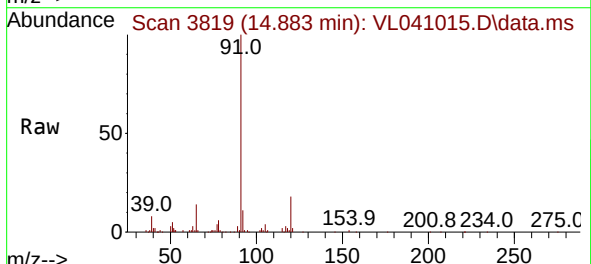
Manual Integrations
APPROVED

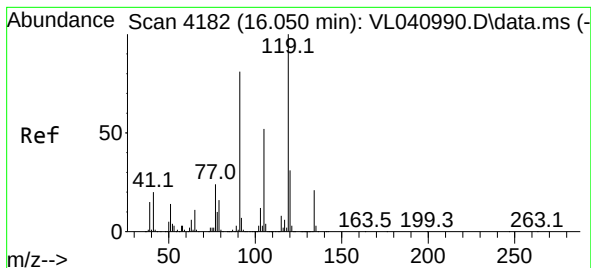
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#64
n-propylbenzene
Concen: 0.397 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. 0.003 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion:120 Resp: 39364
Ion Ratio Lower Upper
120 100
91 556.7 390.6 585.8





#65

tert-Butylbenzene

Concen: 0.404 ppbv

RT: 16.056 min Scan# 4182

Delta R.T. 0.003 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

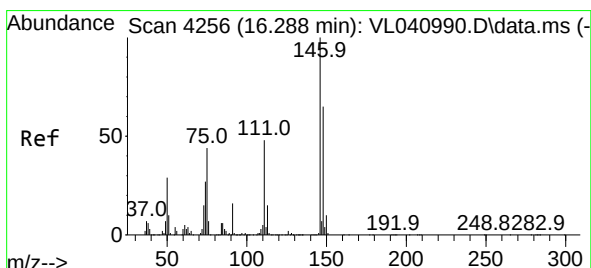
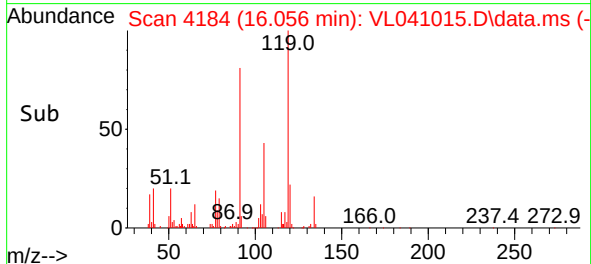
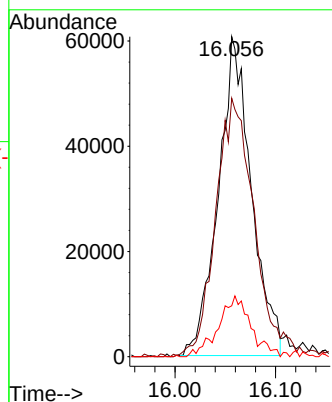
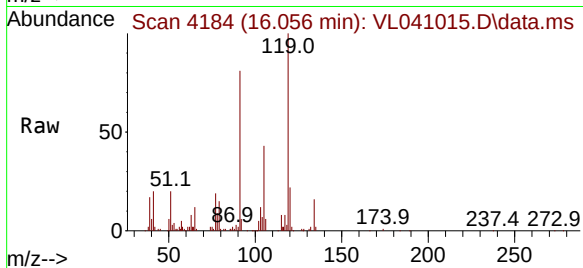
Tgt Ion: 119 Resp: 13873

Ion	Ratio	Lower	Upper
119	100		
91	95.6	67.6	101.4
134	19.5	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#66

Benzyl Chloride

Concen: 0.355 ppbv m

RT: 16.304 min Scan# 4261

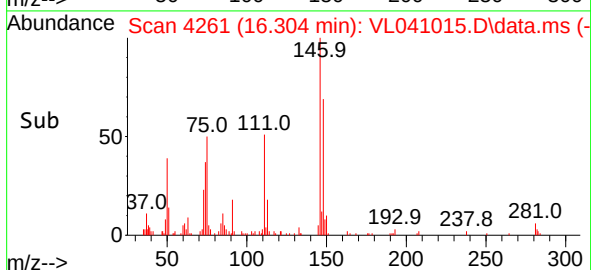
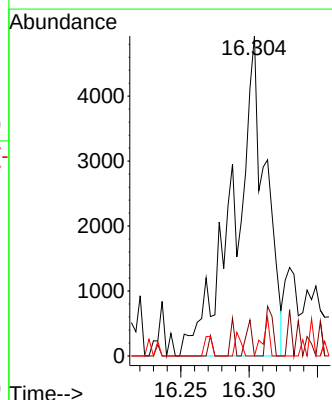
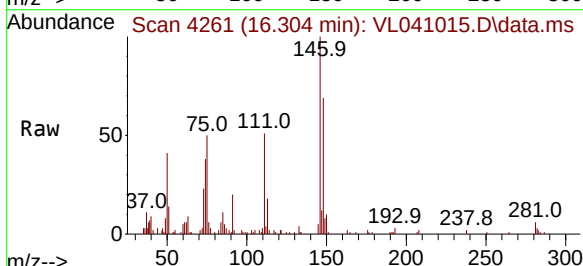
Delta R.T. 0.013 min

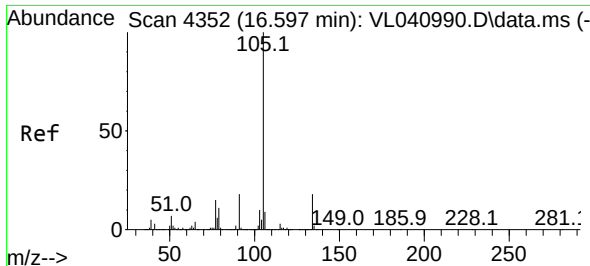
Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion: 91 Resp: 7983

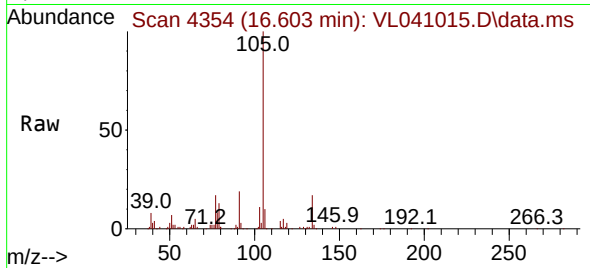
Ion	Ratio	Lower	Upper
91	100		
126	4.2	13.6	20.4#
128	1.5	4.2	6.2#





#67
 sec-Butylbenzene
 Concen: 0.400 ppbv
 RT: 16.603 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

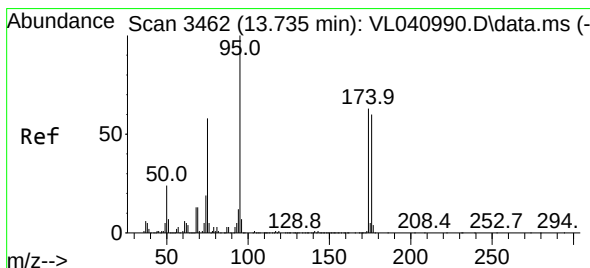
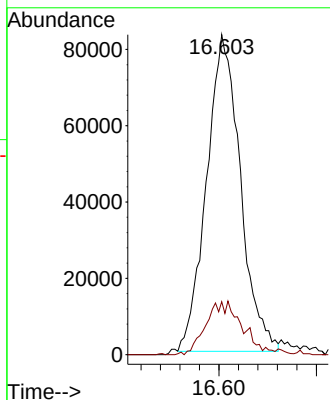
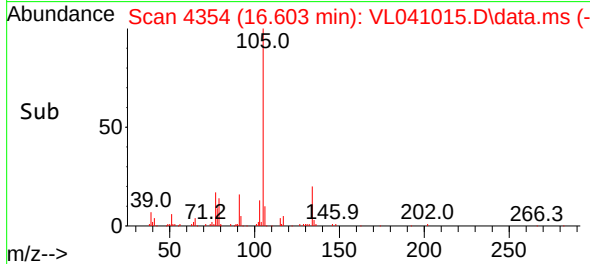
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 105 Resp: 19992
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.2 21.4

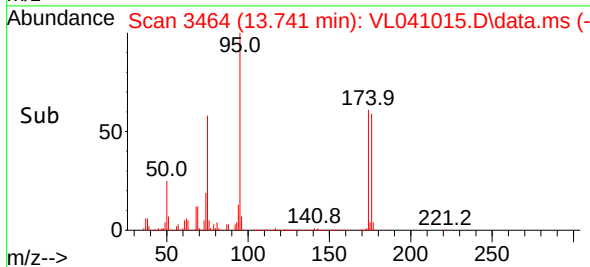
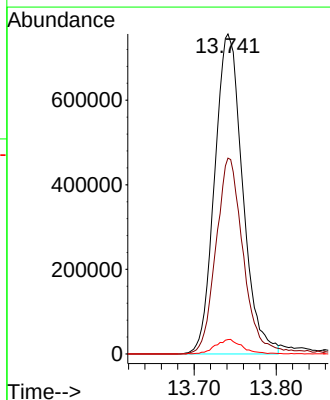
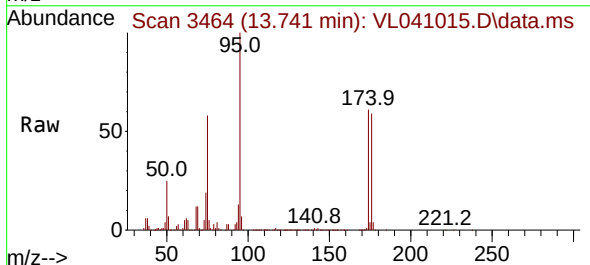
Manual Integrations
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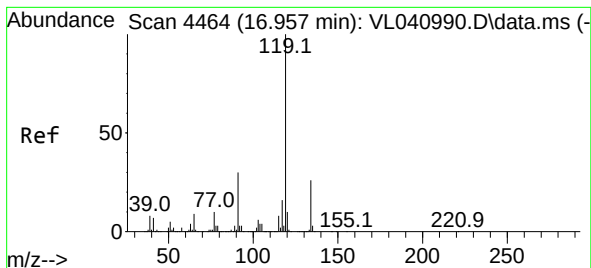
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.040 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. 0.003 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

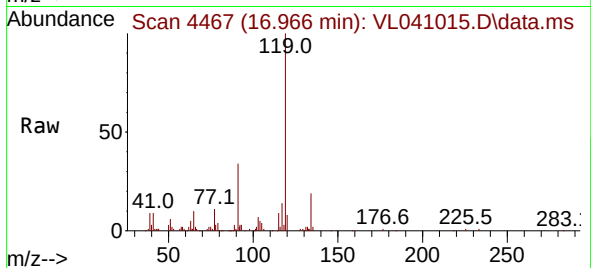
Tgt Ion: 95 Resp: 1793482
 Ion Ratio Lower Upper
 95 100
 174 61.0 49.1 73.7
 175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.403 ppbv
RT: 16.966 min Scan# 4467
Delta R.T. 0.010 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

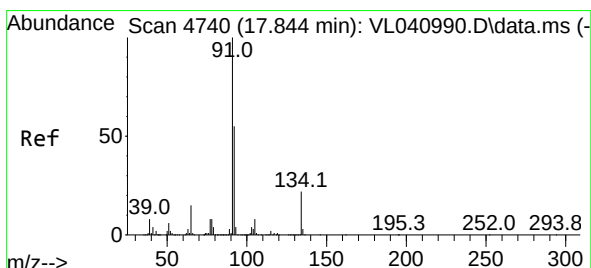
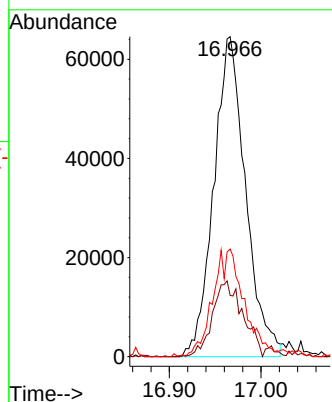
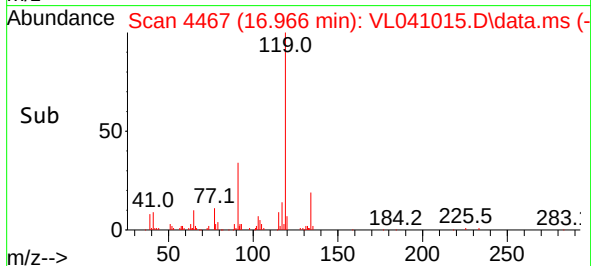
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion:119 Resp: 155849
Ion Ratio Lower Upper
119 100
134 24.2 20.6 30.8
91 34.4 24.5 36.7

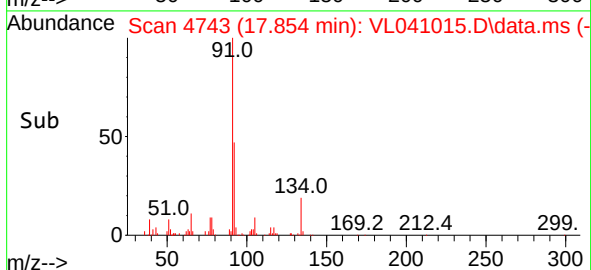
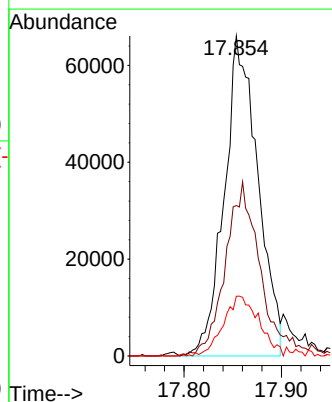
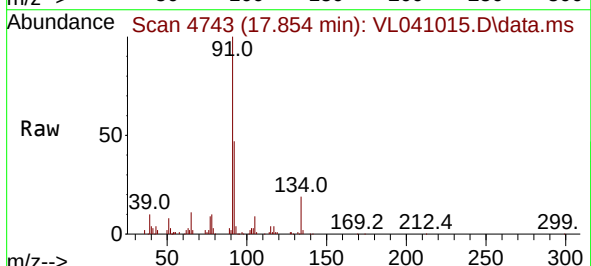
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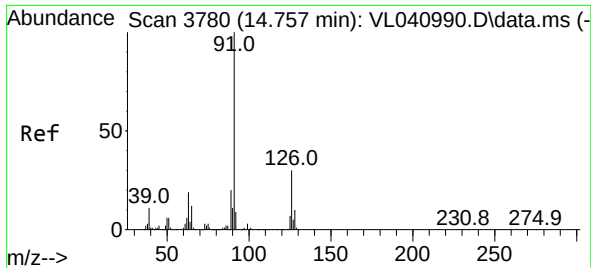
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#70
n-Butylbenzene
Concen: 0.379 ppbv
RT: 17.854 min Scan# 4743
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion: 91 Resp: 158360
Ion Ratio Lower Upper
91 100
92 57.7 43.4 65.0
134 19.9 17.4 26.0





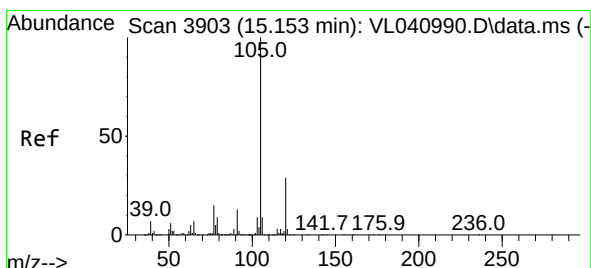
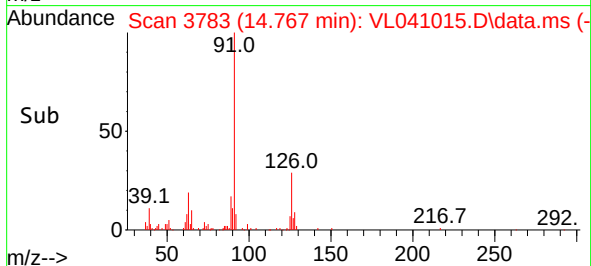
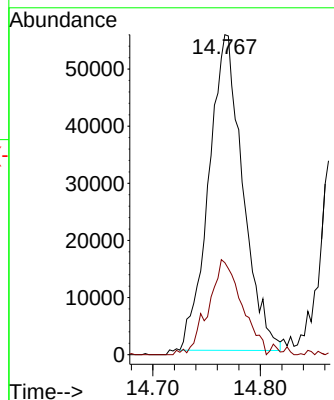
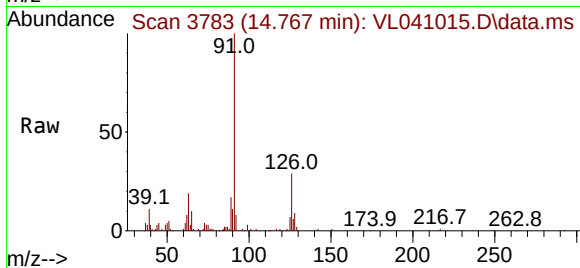
#71
2-Chlorotoluene
Concen: 0.402 ppbv
RT: 14.767 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 91 Resp: 12172
Ion Ratio Lower Upper
91 100
126 30.0 12.3 49.1

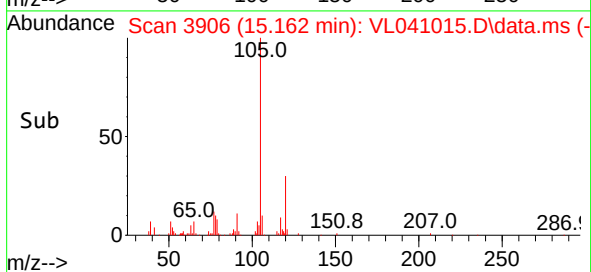
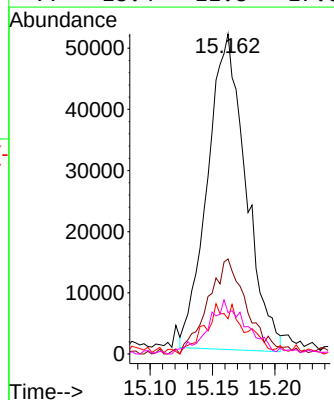
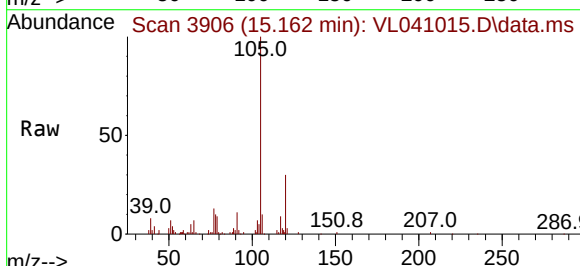
Manual Integrations
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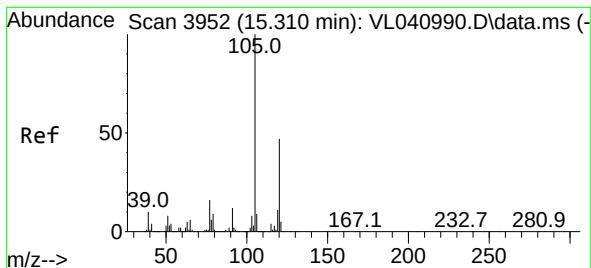
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#72
4-Ethyltoluene
Concen: 0.372 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. 0.010 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

Tgt Ion:105 Resp: 110236
Ion Ratio Lower Upper
105 100
120 32.0 24.3 36.5
91 15.6 11.0 16.4
77 18.4 11.8 17.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.400 ppbv m

RT: 15.320 min Scan# 3955

Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

Tgt Ion:105 Resp: 10544

Ion Ratio Lower Upper

105 100

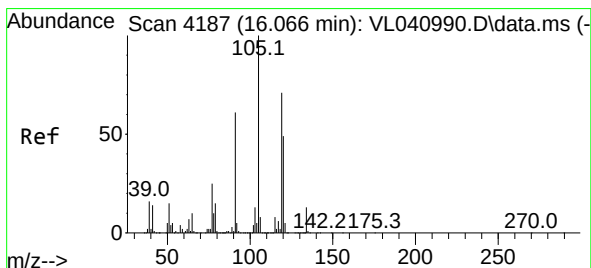
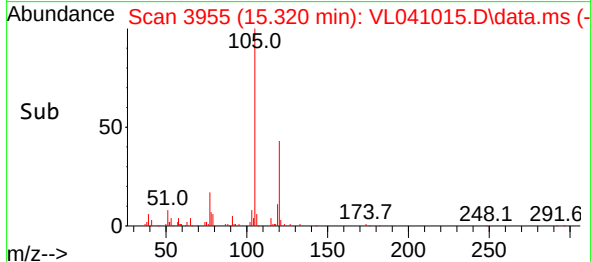
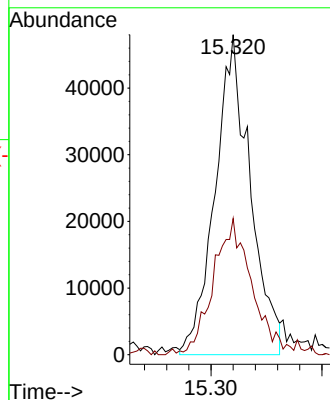
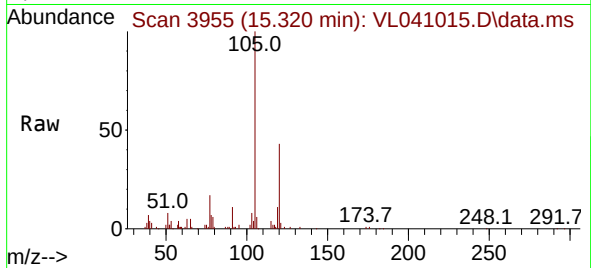
120 42.5 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.420 ppbv

RT: 16.072 min Scan# 4189

Delta R.T. 0.003 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion:105 Resp: 125307

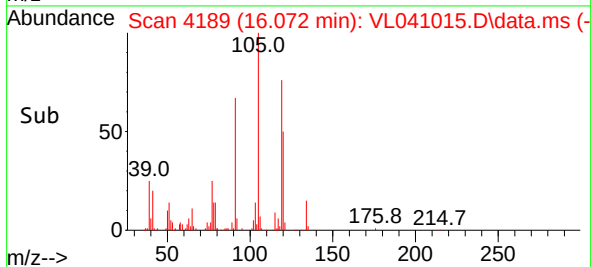
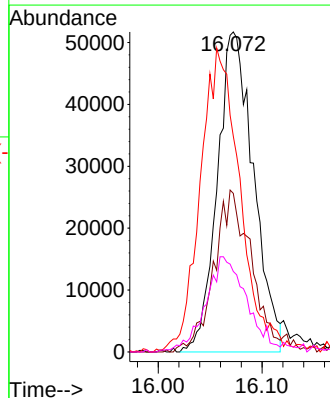
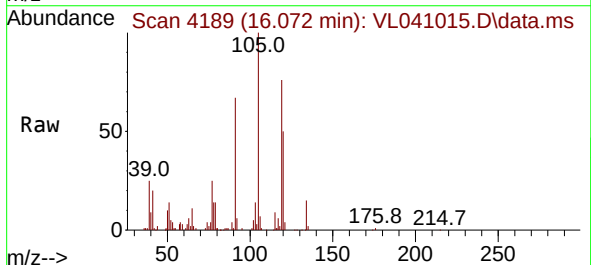
Ion Ratio Lower Upper

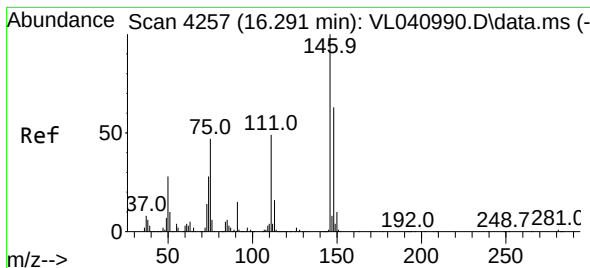
105 100

120 47.6 39.3 58.9

91 62.7 48.7 73.1

77 23.6 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 0.403 ppbv m

RT: 16.294 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

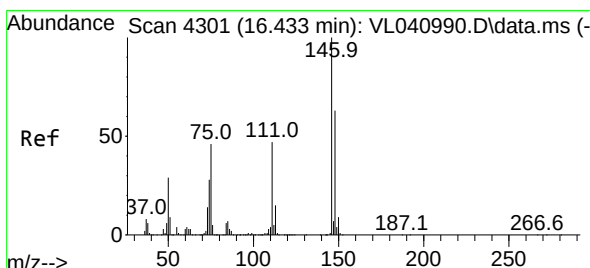
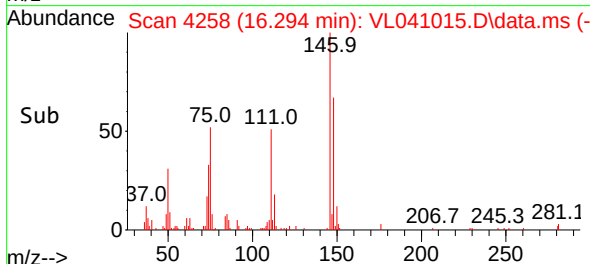
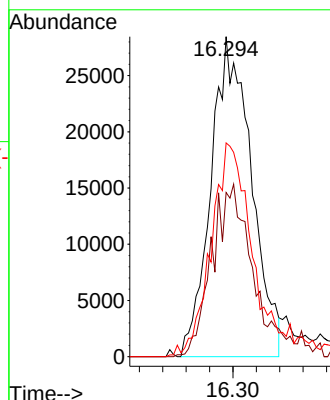
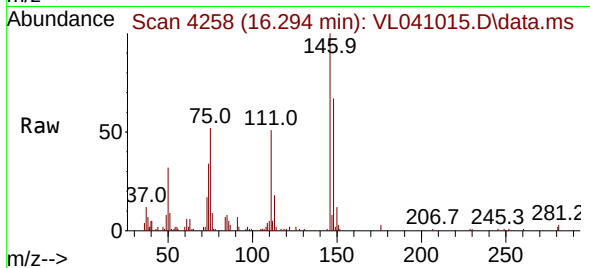
Tgt Ion:	146	Resp:	68398
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.4	73.2
148	70.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#76

1,4-Dichlorobenzene

Concen: 0.426 ppbv m

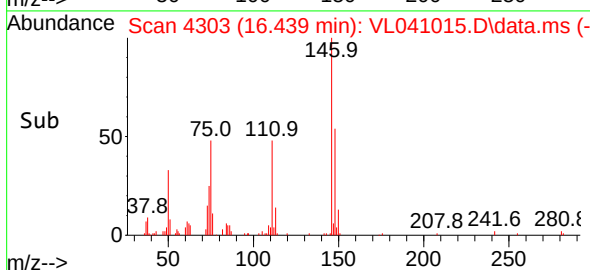
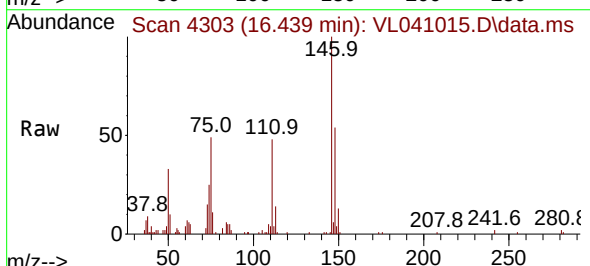
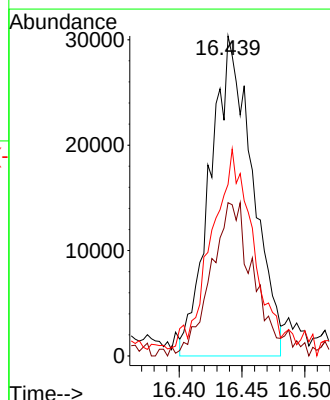
RT: 16.439 min Scan# 4303

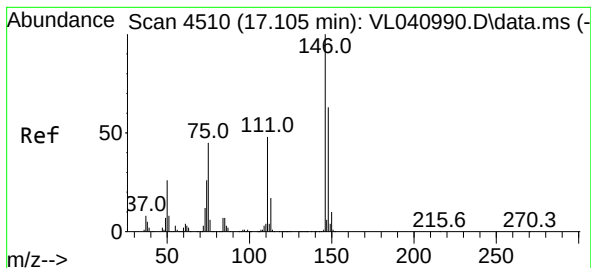
Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion:	146	Resp:	71388
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.0	72.0
148	72.1	32.9	98.7





#77

1,2-Dichlorobenzene

Concen: 0.440 ppbv m

RT: 17.111 min Scan# 4512

Delta R.T. 0.006 min

Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024

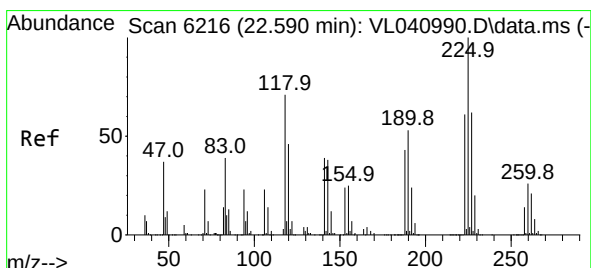
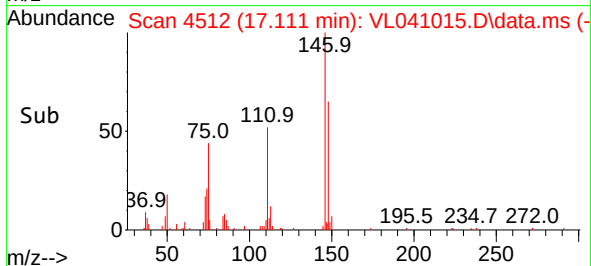
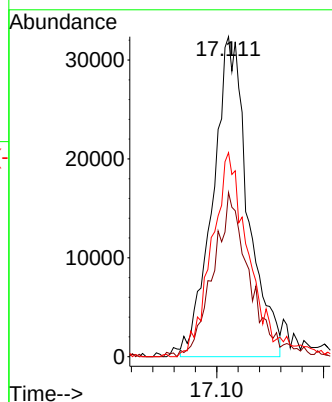
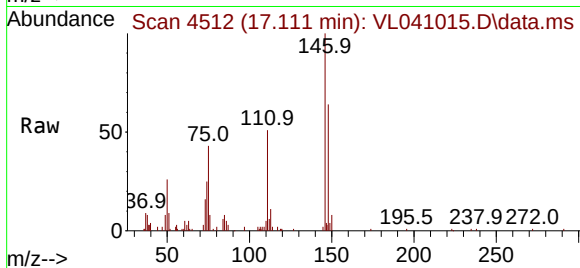
Tgt Ion:146 Resp: 74379

Ion	Ratio	Lower	Upper
146	100		
111	53.7	24.8	74.3
148	68.8	31.8	95.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.482 ppbv m

RT: 22.587 min Scan# 6215

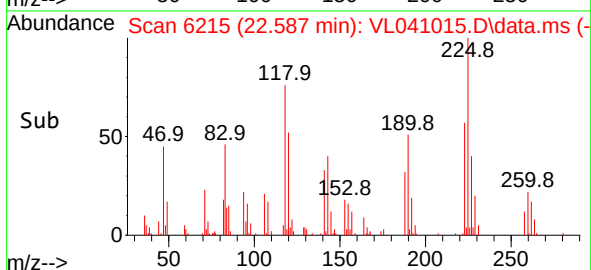
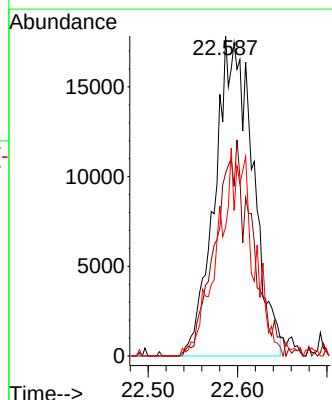
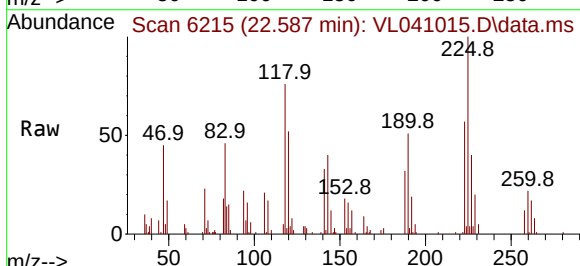
Delta R.T. -0.003 min

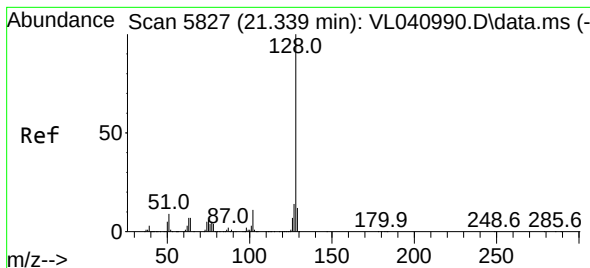
Lab File: VL041015.D

Acq: 24 Jan 2024 14:30

Tgt Ion:225 Resp: 52507

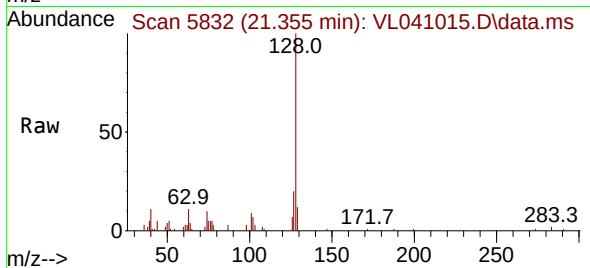
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.1	76.7
227	60.9	51.0	76.4





#79
Naphthalene
Concen: 0.291 ppbv m
RT: 21.355 min Scan# 5832
Delta R.T. 0.016 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30

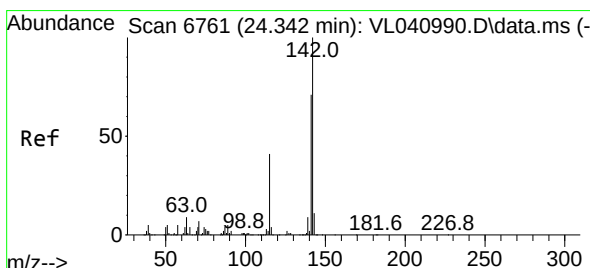
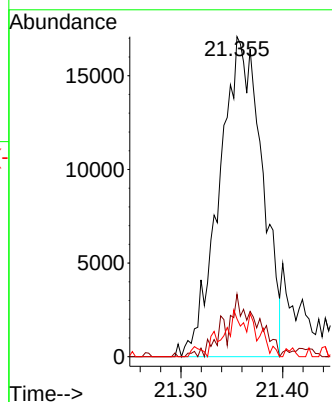
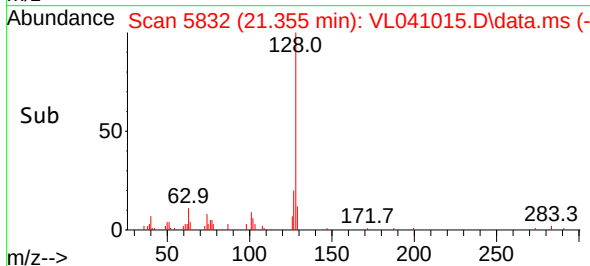
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



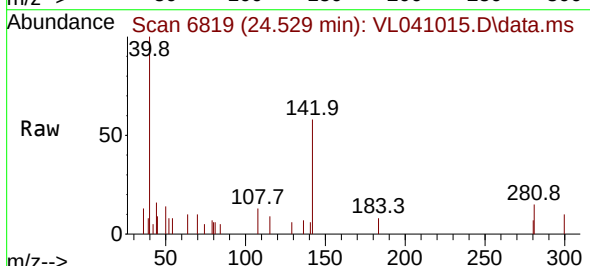
Tgt Ion:128 Resp: 4948
Ion Ratio Lower Upper
128 100
127 19.5 10.9 16.3
129 11.8 9.3 13.9

Manual Integrations
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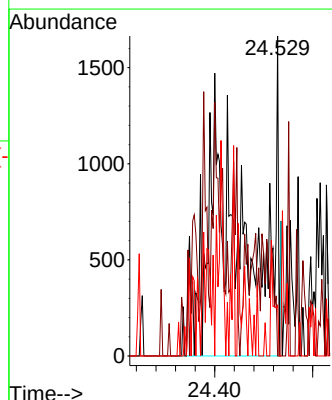
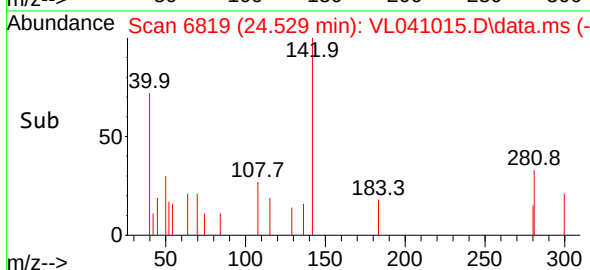
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

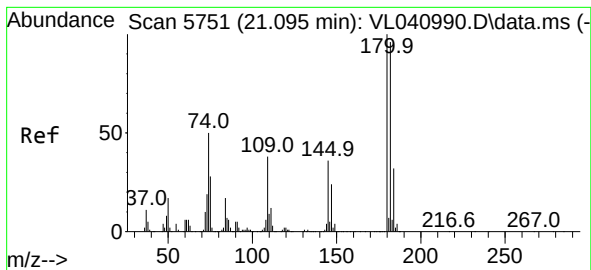


#80
Naphthalene,2-methyl-
Concen: 0.231 ppbv m
RT: 24.529 min Scan# 6819
Delta R.T. 0.186 min
Lab File: VL041015.D
Acq: 24 Jan 2024 14:30



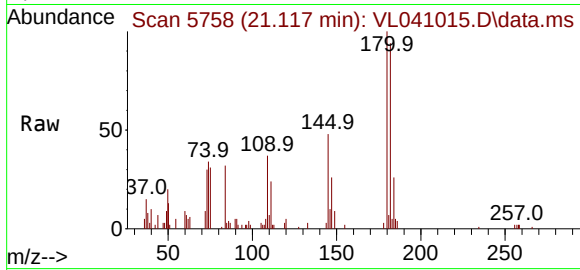
Tgt Ion:142 Resp: 6911
Ion Ratio Lower Upper
142 100
141 35.4 62.7 94.1#
115 21.5 34.0 51.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.319 ppbv m
 RT: 21.117 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL041015.D
 Acq: 24 Jan 2024 14:30

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024



Tgt Ion:180 Resp: 3172
 Ion Ratio Lower Upper
 180 100
 182 105.3 78.6 118.0
 184 35.8 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

