

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041400.D
 Acq On : 25 Jul 2024 14:40
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 25 15:37:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Thu Jul 25 14:31:18 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1187869	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3361544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3300753	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2521024 10.190 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	505198	2.492	ppbv	99
3) Chlorodifluoromethane	2.652	51	300375	1.467	ppbv	99
4) Chloromethane	2.793	50	163139	2.084	ppbv	96
5) Vinyl Chloride	2.899	62	155185	1.835	ppbv	99
6) Bromomethane	3.102	94	79103	2.956	ppbv	98
7) Chloroethane	3.176	64	53717	1.922	ppbv	94
8) Dichlorotetrafluoroethane	2.835	85	399415	2.027	ppbv	100
9) Propene	2.671	41	139773	1.972	ppbv	99
10) Heptane	7.568	43	325614	1.956	ppbv	100
11) Trichlorofluoromethane	3.546	101	388765	1.970	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	285420	2.064	ppbv	100
13) Ethanol	3.237	45	15410m	0.980	ppbv	
14) Bromoethene	3.346	108	111081	2.003	ppbv	93
15) Acetone	3.456	43	292550	1.865	ppbv	99
16) 1,3-Butadiene	2.967	39	157764	2.113	ppbv	99
17) tert-Butyl alcohol	3.861	59	234318	1.936	ppbv	99
18) 1,1-Dichloroethene	3.861	96	122348	2.013	ppbv	97
19) Isopropyl Alcohol	3.562	45	156947m	1.822	ppbv	
20) Methylene Chloride	3.915	84	105428	1.852	ppbv	98
21) Allyl Chloride	3.980	41	189033	1.998	ppbv	90
22) trans-1,2-Dichloroethene	4.427	96	122560	2.030	ppbv	90
23) Vinyl Acetate	4.613	43	223002	1.442	ppbv	# 98
24) 1,1-Dichloroethane	4.546	63	265124	1.977	ppbv	98
25) Ethyl Acetate	5.192	43	597999	2.070	ppbv	99
26) Hexane	5.198	57	250786	1.961	ppbv	98
27) Carbon Disulfide	4.108	76	275637	1.771	ppbv	94
28) Methyl tert-Butyl Ether	4.578	73	154942	1.633	ppbv	97
29) Chloroform	5.259	83	394045	1.997	ppbv	99
30) Cyclohexane	6.587	84	207896	2.040	ppbv	93
31) cis-1,2-Dichloroethene	5.063	61	242910	1.981	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	375703	1.814	ppbv	97
34) 2-Butanone	4.774	43	355170	2.002	ppbv	98
35) Carbon Tetrachloride	6.481	117	395969	1.784	ppbv	98
36) Benzene	6.359	78	532213	1.913	ppbv	97
37) 1,2-Dichloroethane	5.793	62	287587	1.802	ppbv	98
38) Trichloroethene	7.282	130	234513	1.935	ppbv	93
39) 1,2-Dichloropropane	7.060	63	203420	1.892	ppbv	96
40) 1,4-Dioxane	7.288	88	71274	2.068	ppbv	# 1
41) Tetrahydrofuran	5.552	42	207220	1.886	ppbv	99
42) Bromodichloromethane	7.237	83	418292	1.873	ppbv	98
43) Methyl Methacrylate	7.468	69	192639	1.843	ppbv	94
44) 2,2,4-Trimethylpentane	7.317	57	902570	1.909	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	166952	2.524	ppbv	95

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Manual Integrations
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 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 25 15:37:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Thu Jul 25 14:31:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	249911	2.810	ppbv	97
47) 1,1,2-Trichloroethane	8.889	97	224865	1.950	ppbv	94
48) Dibromochloromethane	9.703	129	353718	1.910	ppbv	100
49) Bromoform	12.401	173	305646	2.073	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	577958	2.029	ppbv	99
51) 2-Hexanone	9.555	43	430093	2.124	ppbv #	96
52) Tetrachloroethene	10.606	164	204374	1.829	ppbv	98
53) Toluene	9.214	91	597804	1.905	ppbv	100
54) 1,2-Dibromoethane	10.005	107	311374	2.182	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	272178	1.832	ppbv #	1
57) Chlorobenzene	11.520	112	500573	1.933	ppbv	96
58) Ethyl Benzene	12.082	91	833428	1.887	ppbv	96
59) m/p-Xylene	12.365	91	1430508m	3.743	ppbv	
60) o-Xylene	13.053	91	685320	1.900	ppbv	99
61) Styrene	12.896	104	308833	1.763	ppbv	99
62) Isopropylbenzene	14.027	105	1029899	1.850	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	428827	1.509	ppbv	98
64) n-propylbenzene	14.912	120	269236	1.852	ppbv	91
65) tert-Butylbenzene	16.085	119	956093	1.928	ppbv	100
66) Benzyl Chloride	16.326	91	52950m	1.625	ppbv	
67) sec-Butylbenzene	16.635	105	1331315	1.898	ppbv	99
69) p-Isopropyltoluene	16.992	119	1105164	1.908	ppbv	100
70) n-Butylbenzene	17.886	91	1142994	1.931	ppbv	99
71) 2-Chlorotoluene	14.799	91	762002	1.842	ppbv	99
72) 4-Ethyltoluene	15.188	105	811504	1.889	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	707827	1.925	ppbv	95
74) 1,2,4-Trimethylbenzene	16.105	105	817315	1.972	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	506675	2.061	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	472957	1.931	ppbv	97
77) 1,2-Dichlorobenzene	17.140	146	506084	2.019	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	438766	2.407	ppbv	98
79) Naphthalene	21.384	128	826782	3.710	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	601537	1025.625	ppbv	99
81) 1,2,4-Trichlorobenzene	21.140	180	426225	3.095	ppbv	94

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

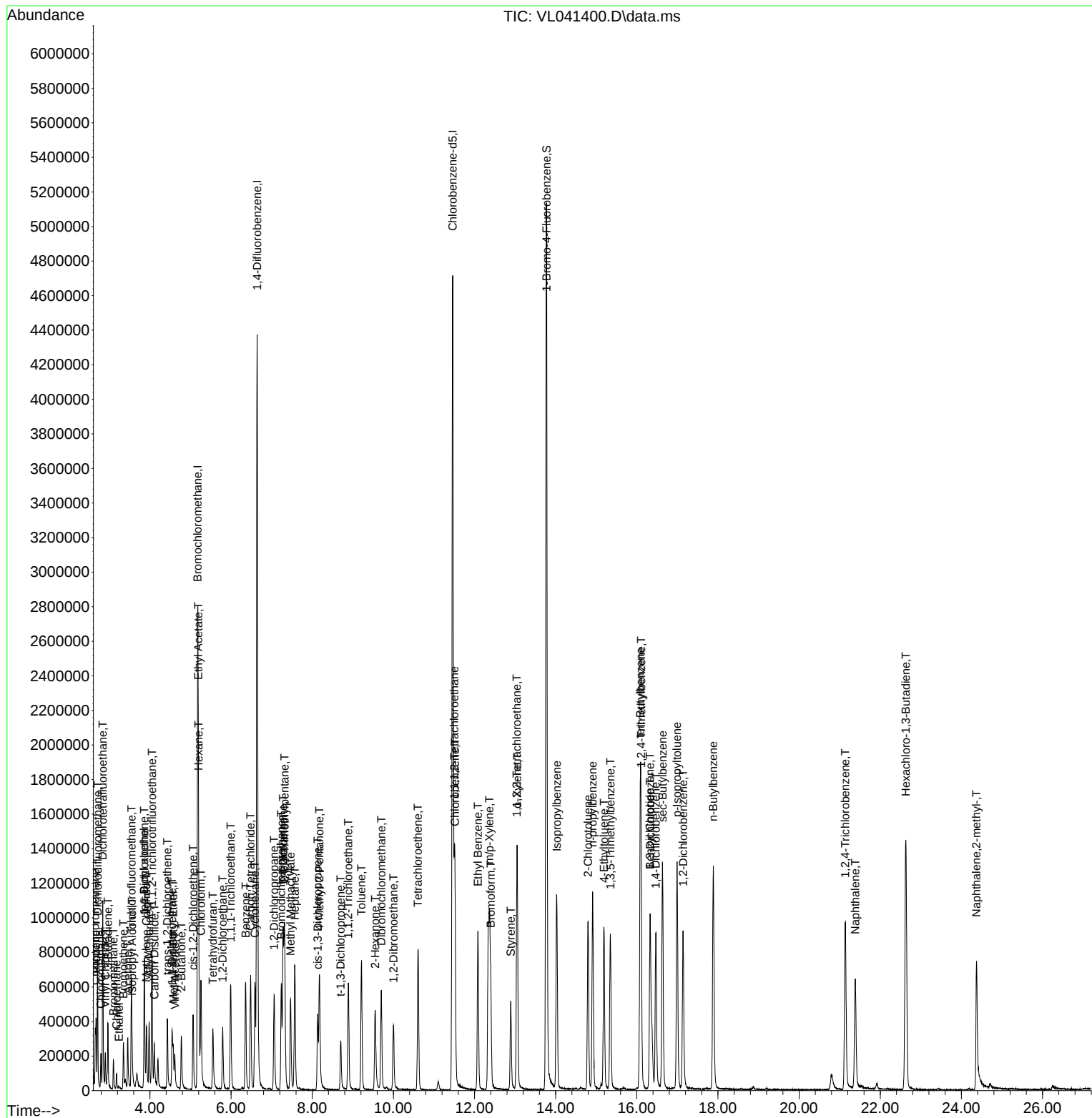
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041400.D
Acq On : 25 Jul 2024 14:40
Operator : SY/MD
Sample : VSTDIC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

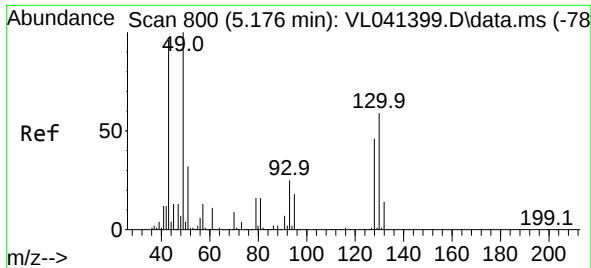
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Quant Time: Jul 25 15:37:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Jul 25 14:31:18 2024
Response via : Initial Calibration

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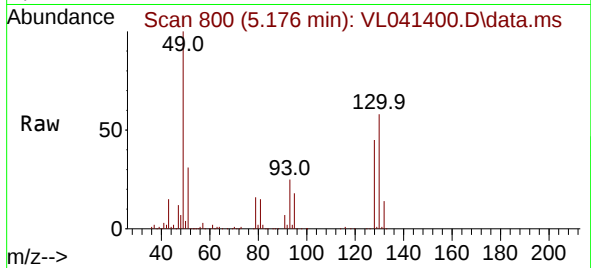
Reviewed By : Semsettin Yesilyurt 07/26/2024
Supervised By : Mahesh Dadoda 07/29/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

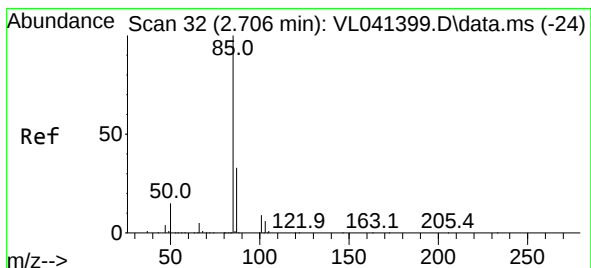
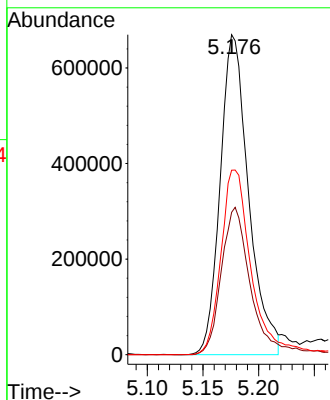
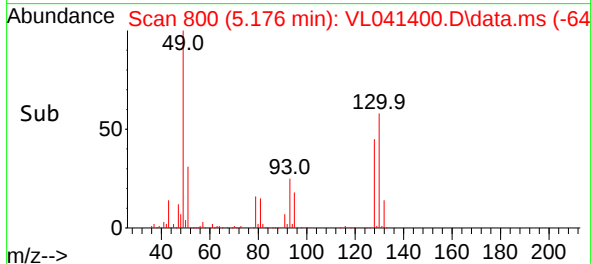
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 118786
Ion Ratio Lower Upper
49 100
128 49.5 23.8 71.4
130 63.3 30.8 92.4

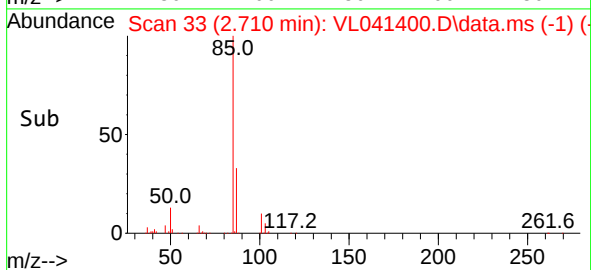
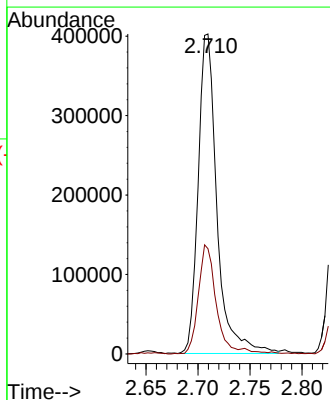
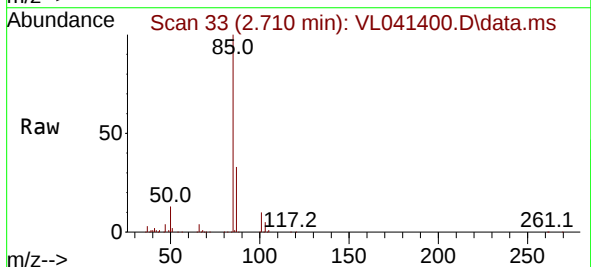
Manual Integrations
APPROVED

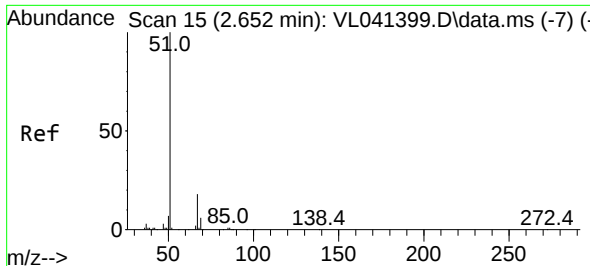
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#2
Dichlorodifluoromethane
Concen: 2.492 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

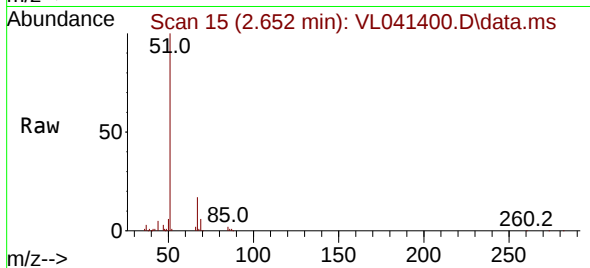
Tgt Ion: 85 Resp: 505198
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0





#3
Chlorodifluoromethane
Concen: 1.467 ppbv
RT: 2.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

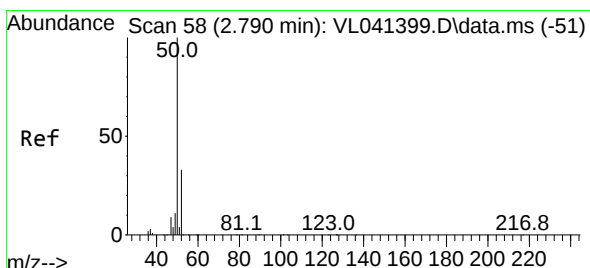
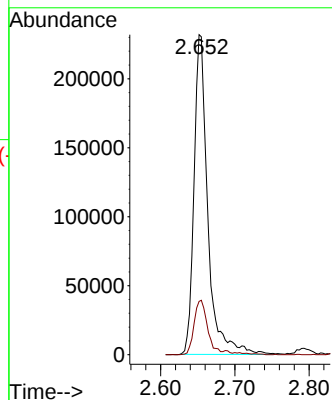
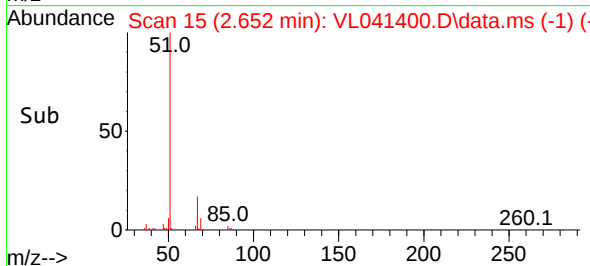
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 51 Resp: 300375
Ion Ratio Lower Upper
51 100
67 17.9 14.5 21.7

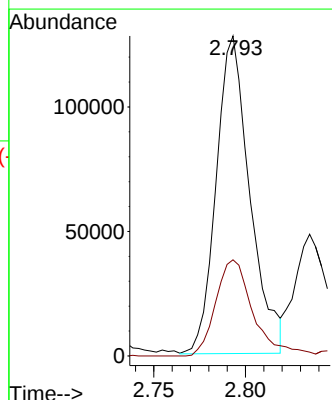
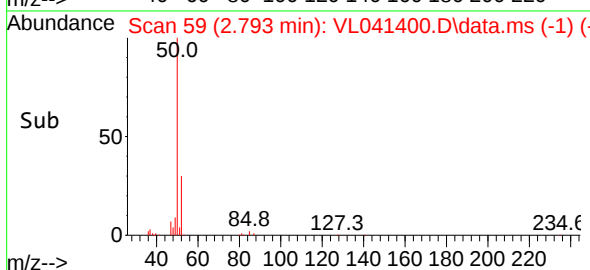
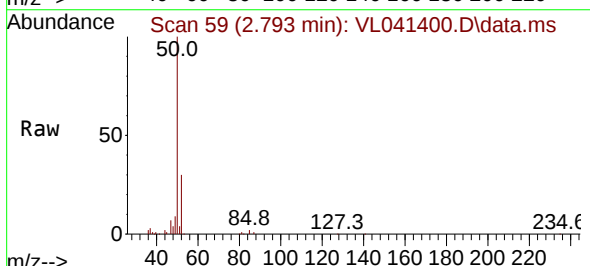
Manual Integrations
APPROVED

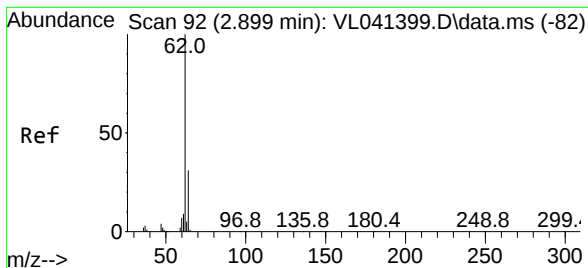
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 2.084 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

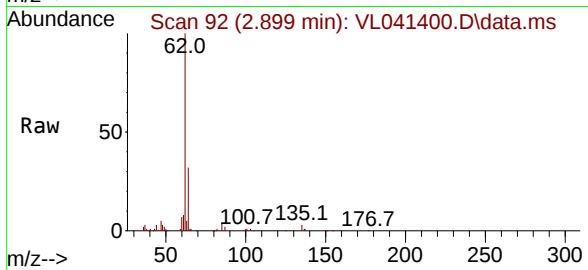
Tgt Ion: 50 Resp: 163139
Ion Ratio Lower Upper
50 100
52 30.4 26.1 39.1





#5
 Vinyl Chloride
 Concen: 1.835 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

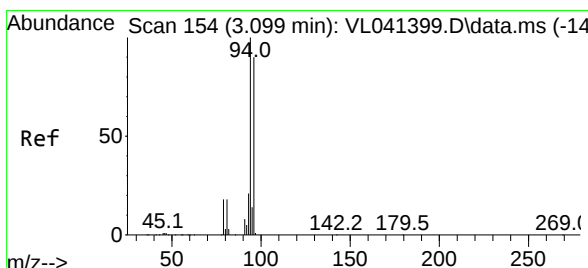
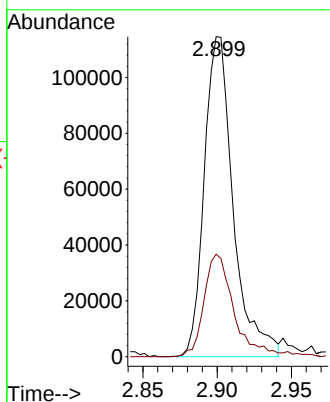
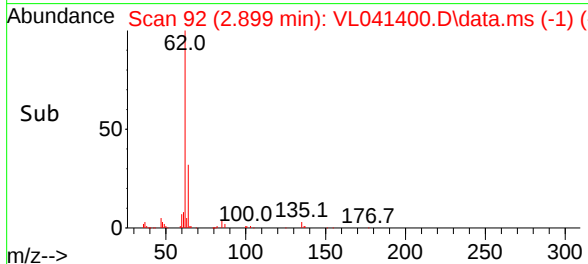
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



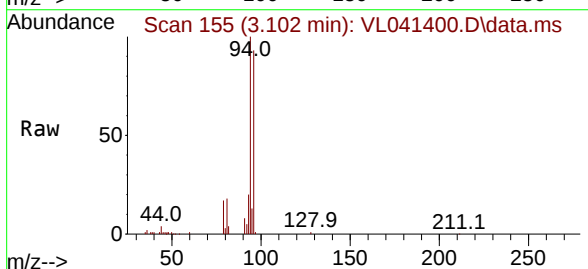
Tgt Ion: 62 Resp: 15518
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.0 37.4

Manual Integrations
 APPROVED

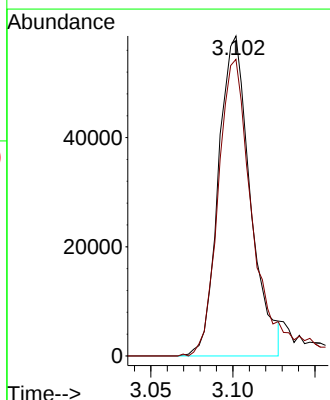
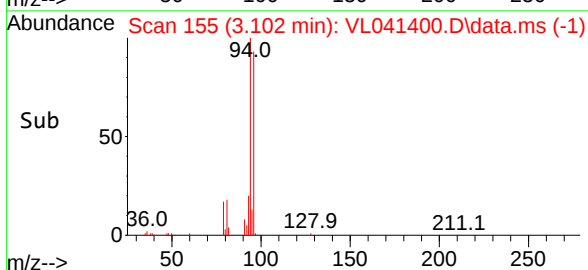
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 Supervised By :Mahesh Dadoda 07/29/2024

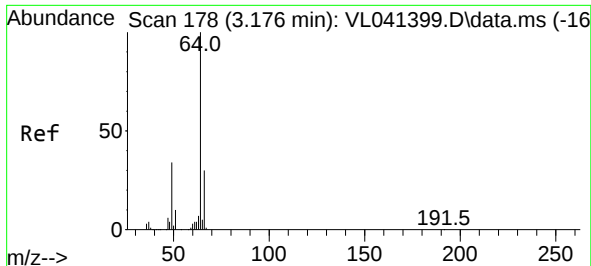


#6
 Bromomethane
 Concen: 2.956 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40



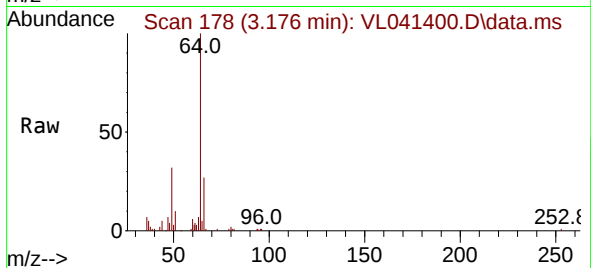
Tgt Ion: 94 Resp: 79103
 Ion Ratio Lower Upper
 94 100
 96 92.7 72.3 108.5





#7
Chloroethane
Concen: 1.922 ppbv
RT: 3.176 min Scan# 178
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

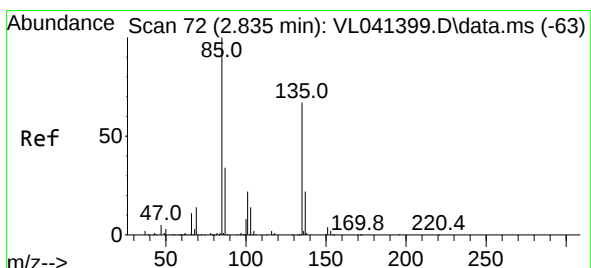
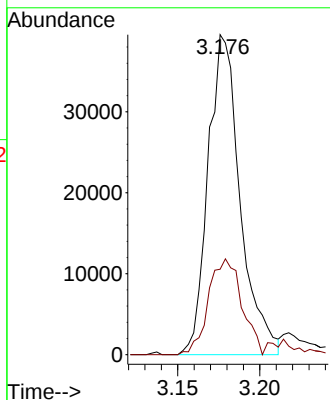
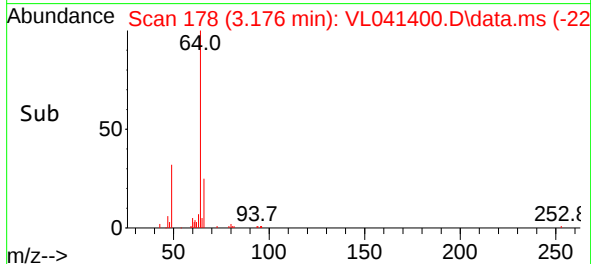
Instrument :
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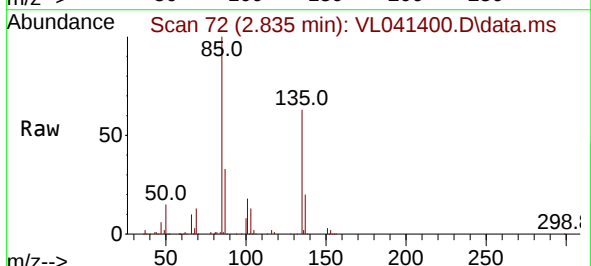
Tgt Ion: 64 Resp: 5371
Ion Ratio Lower Upper
64 100
66 26.7 24.2 36.2

Manual Integrations
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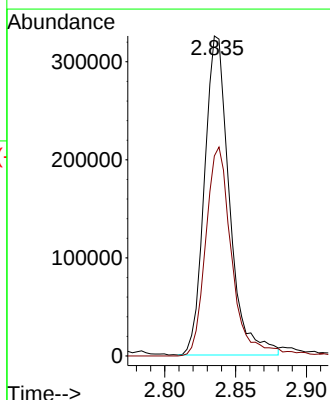
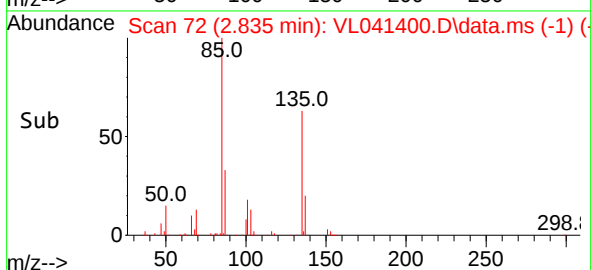
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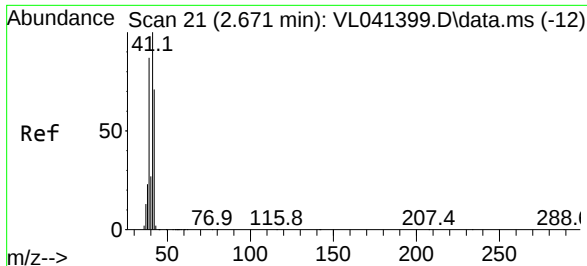


#8
Dichlorotetrafluoroethane
Concen: 2.027 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



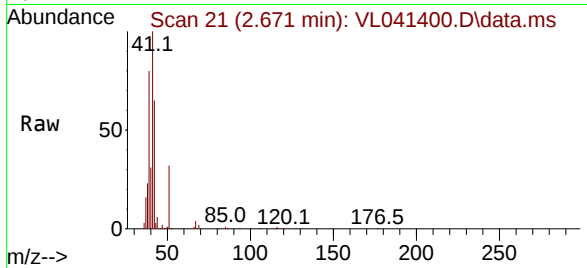
Tgt Ion: 85 Resp: 399415
Ion Ratio Lower Upper
85 100
135 69.5 55.4 83.0





#9
Propene
Concen: 1.972 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

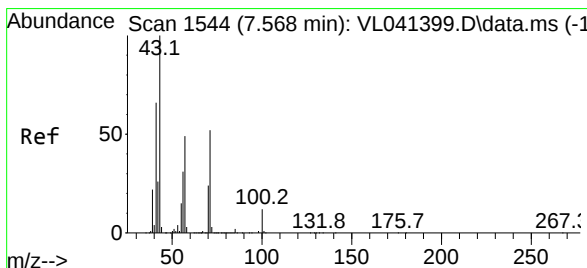
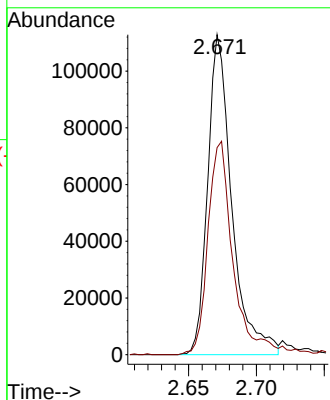
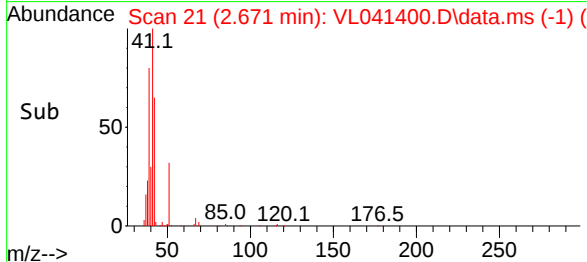
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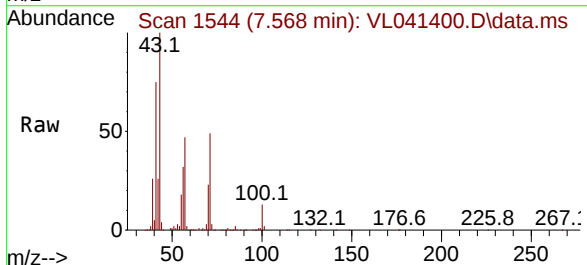
Tgt Ion: 41 Resp: 13977
Ion Ratio Lower Upper
41 100
42 71.0 55.9 83.9

Manual Integrations
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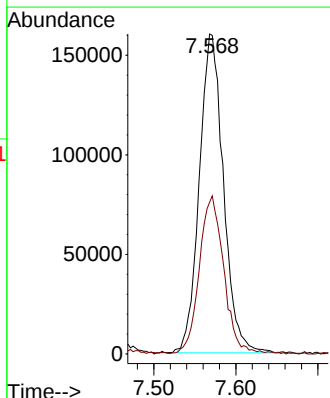
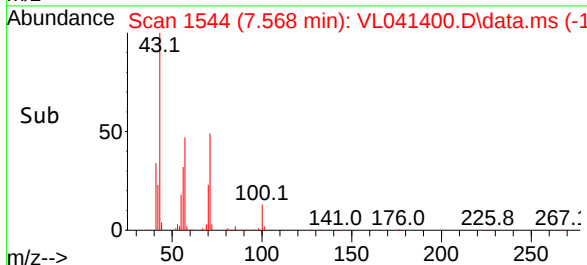
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

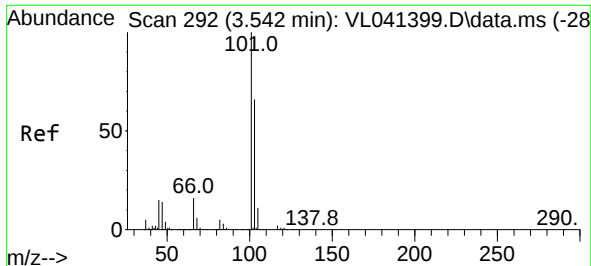


#10
Heptane
Concen: 1.956 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



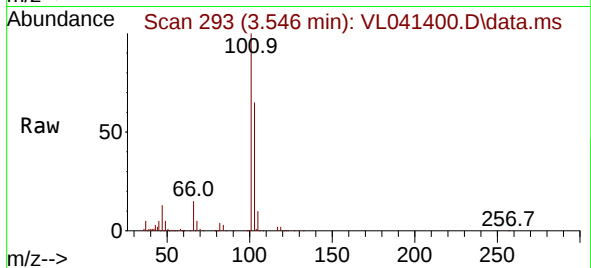
Tgt Ion: 43 Resp: 325614
Ion Ratio Lower Upper
43 100
57 50.9 40.5 60.7





#11
Trichlorofluoromethane
Concen: 1.970 ppbv
RT: 3.546 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

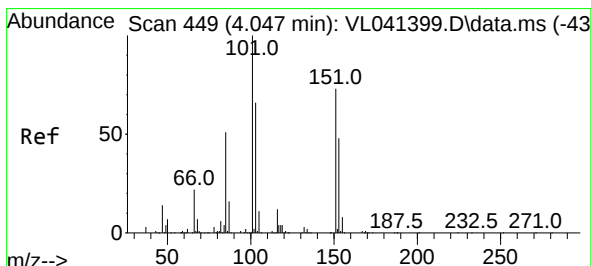
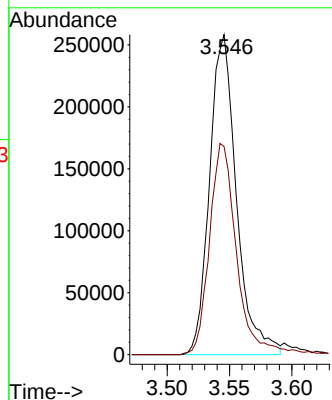
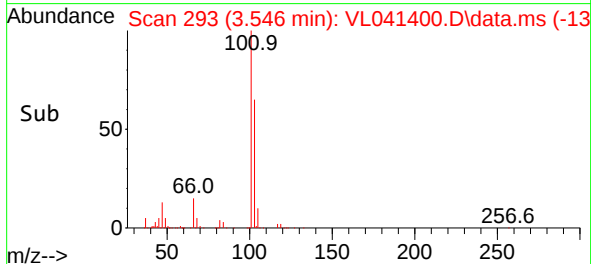
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:101 Resp: 38876
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

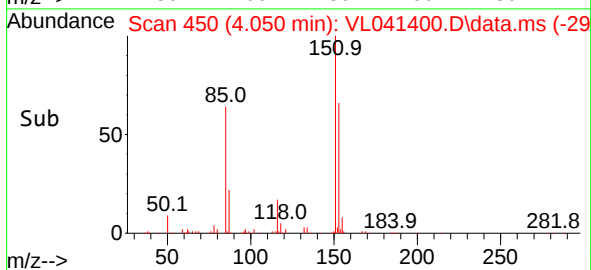
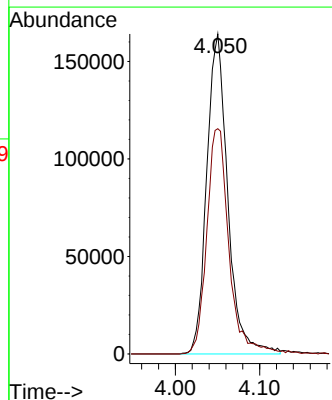
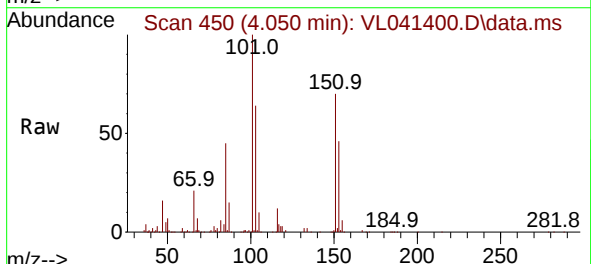
Manual Integrations
APPROVED

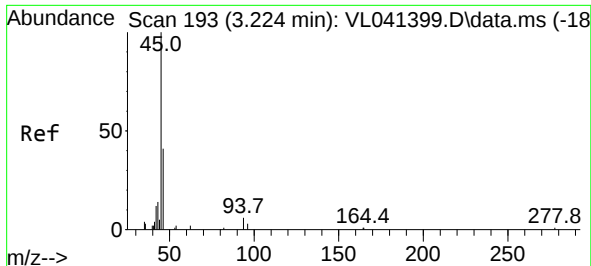
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.064 ppbv
RT: 4.050 min Scan# 450
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

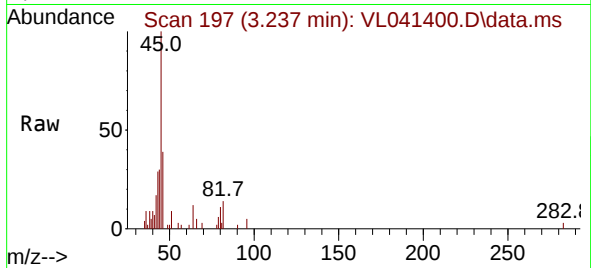
Tgt Ion:101 Resp: 285420
Ion Ratio Lower Upper
101 100
151 74.5 59.4 89.2





#13
Ethanol
Concen: 0.980 ppbv m
RT: 3.237 min Scan# 193
Delta R.T. 0.013 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

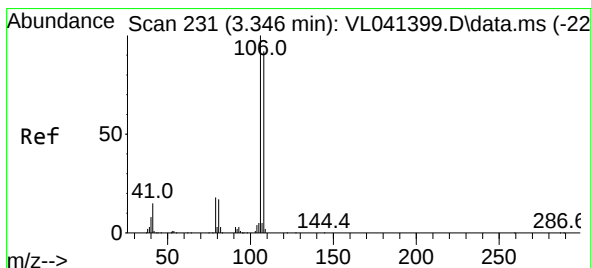
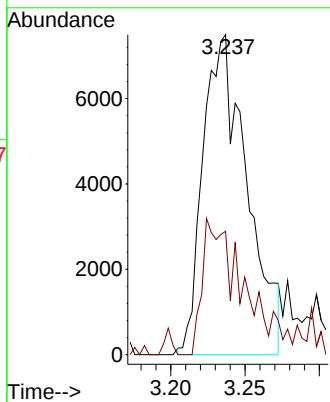
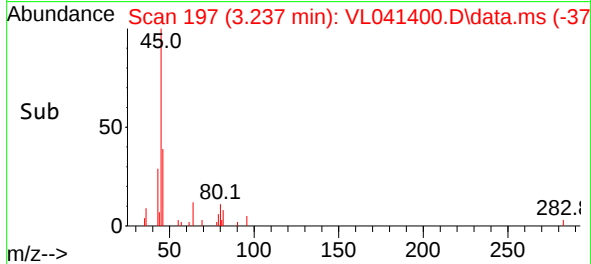
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



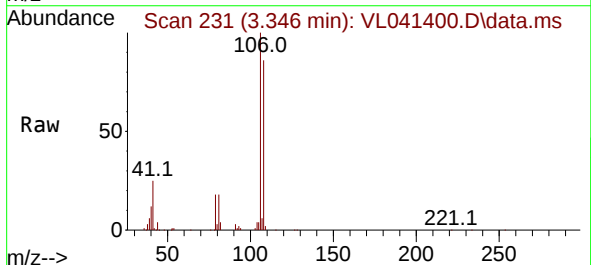
Tgt Ion: 45 Resp: 15410
Ion Ratio Lower Upper
45 100
46 42.8 13.4 53.4

Manual Integrations
APPROVED

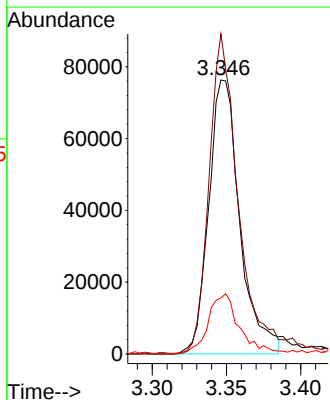
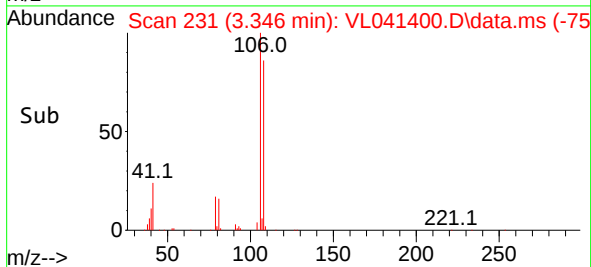
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

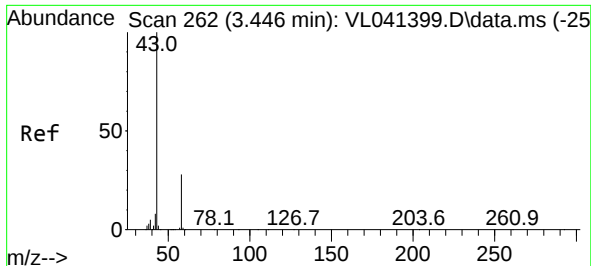


#14
Bromoethene
Concen: 2.003 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



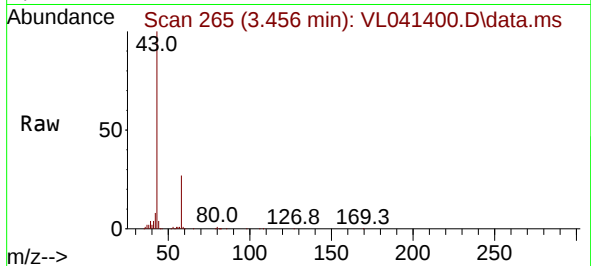
Tgt Ion:108 Resp: 111081
Ion Ratio Lower Upper
108 100
106 116.1 86.9 130.3
79 23.6 16.2 24.4





#15
Acetone
Concen: 1.865 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

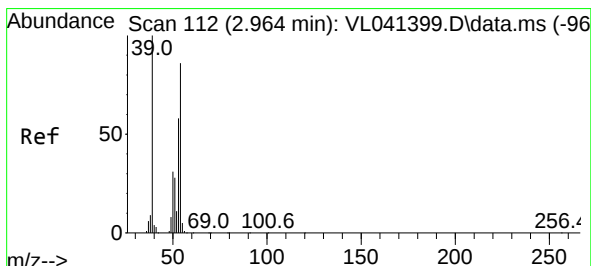
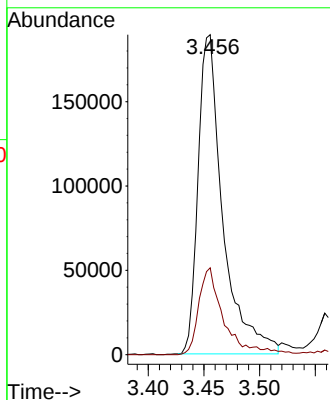
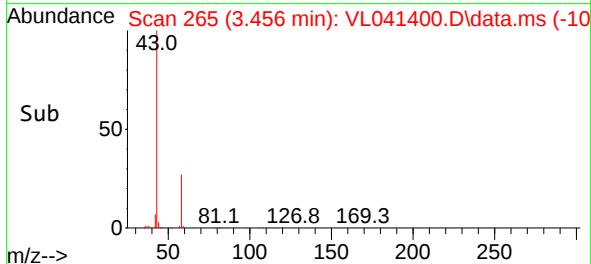
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



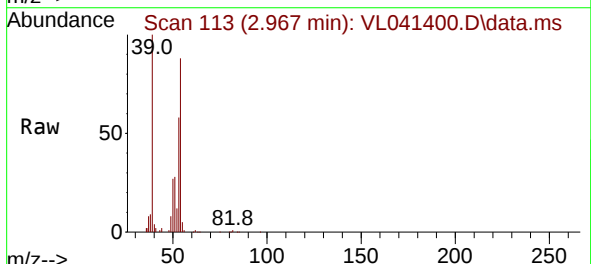
Tgt Ion: 43 Resp: 292550
Ion Ratio Lower Upper
43 100
58 27.6 21.4 32.2

Manual Integrations
APPROVED

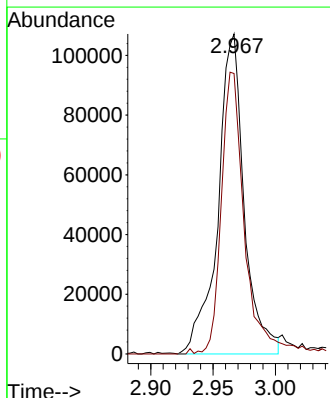
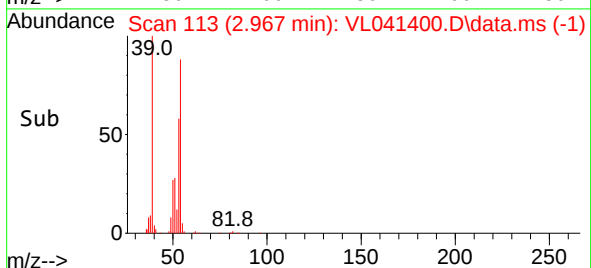
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

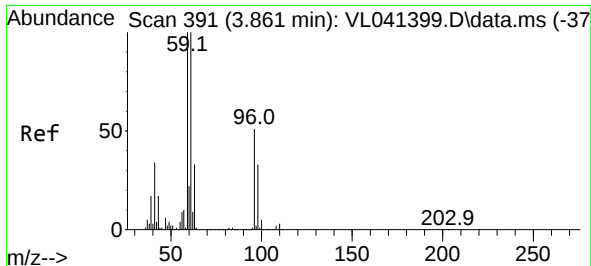


#16
1,3-Butadiene
Concen: 2.113 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



Tgt Ion: 39 Resp: 157764
Ion Ratio Lower Upper
39 100
54 79.2 62.5 93.7





#17

tert-Butyl alcohol

Concen: 1.936 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 234318

Ion Ratio Lower Upper

59 100

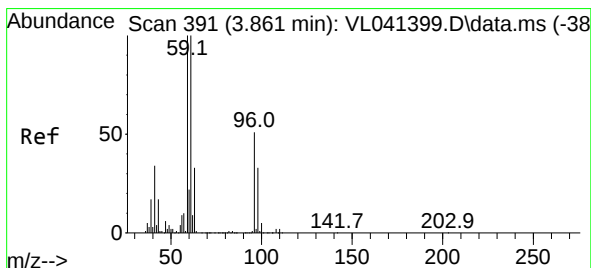
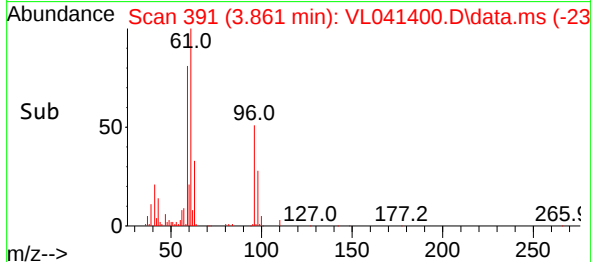
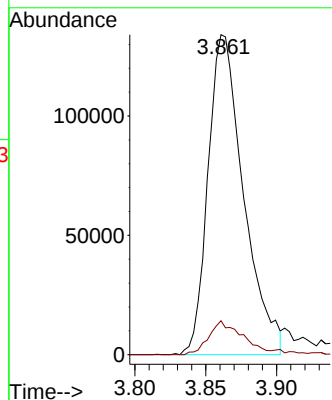
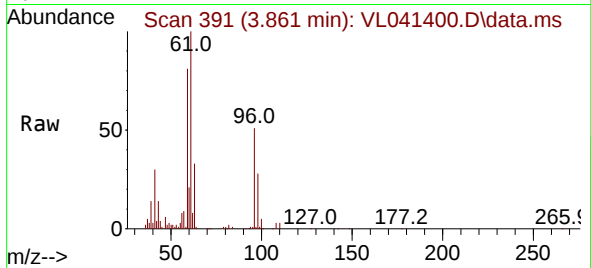
57 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#18

1,1-Dichloroethene

Concen: 2.013 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

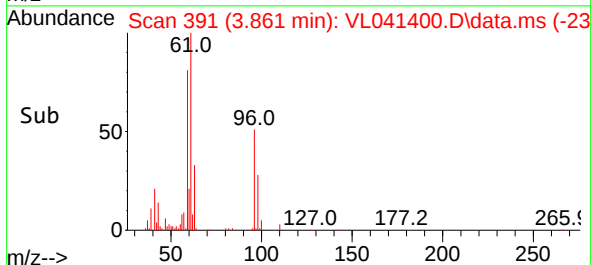
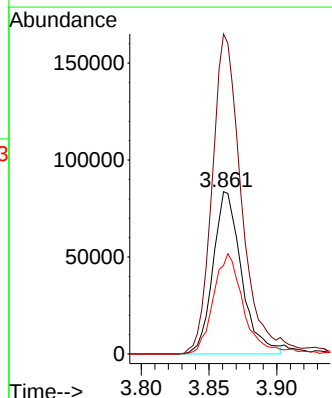
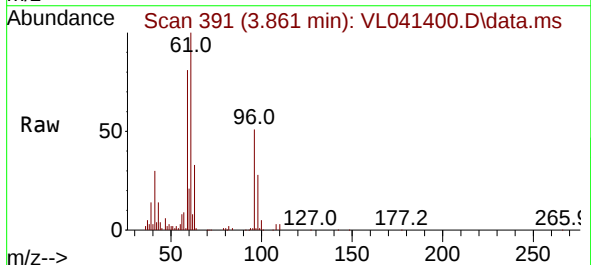
Tgt Ion: 96 Resp: 122348

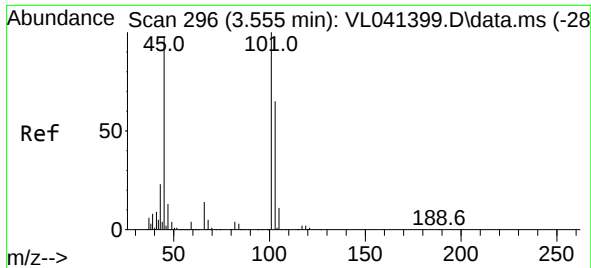
Ion Ratio Lower Upper

96 100

61 197.2 157.5 236.3

98 54.3 51.2 76.8





#19

Isopropyl Alcohol

Concen: 1.822 ppbv m

RT: 3.562 min Scan# 296

Delta R.T. 0.006 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 15694

Ion Ratio Lower Upper

45 100

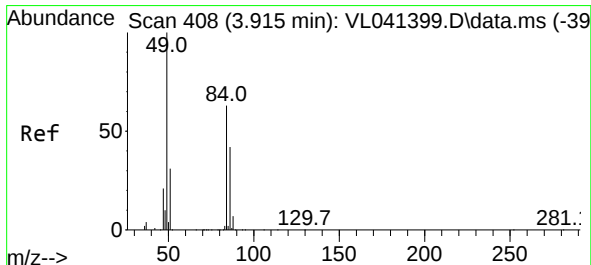
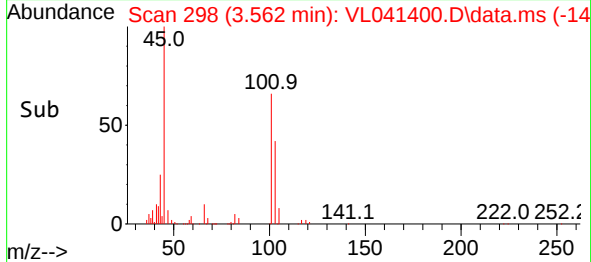
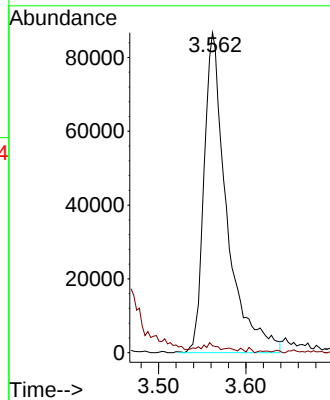
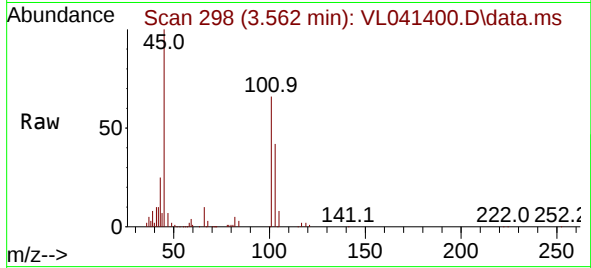
58 0.0 1.9 2.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#20

Methylene Chloride

Concen: 1.852 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Tgt Ion: 84 Resp: 105428

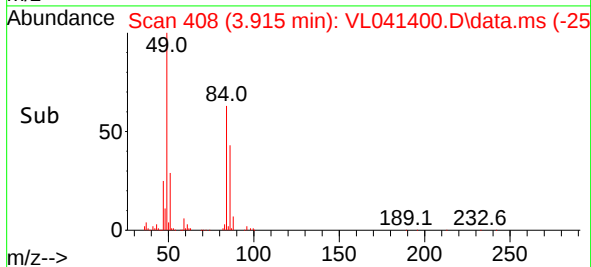
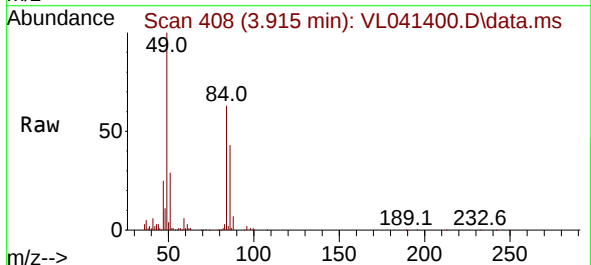
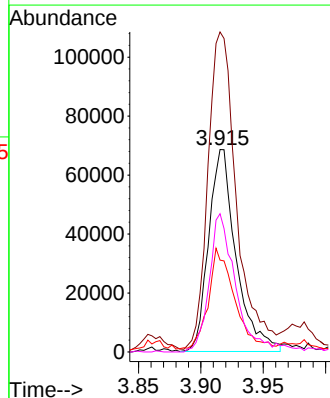
Ion Ratio Lower Upper

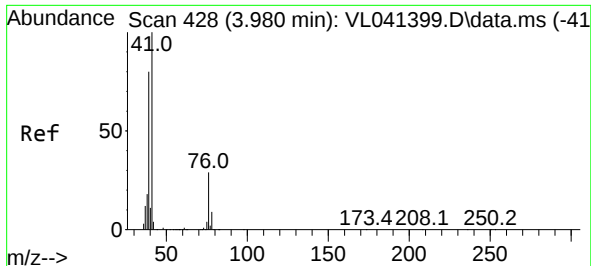
84 100

49 157.0 126.6 190.0

51 43.8 38.6 58.0

86 68.5 53.0 79.4





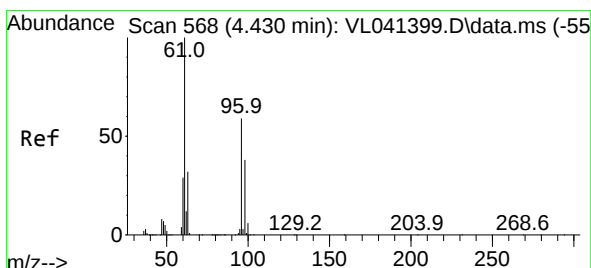
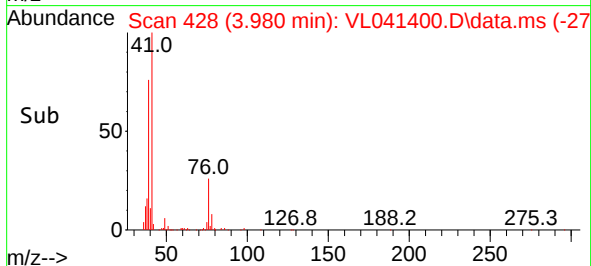
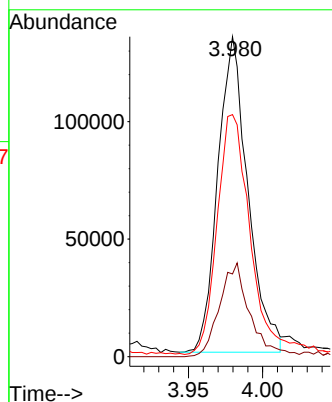
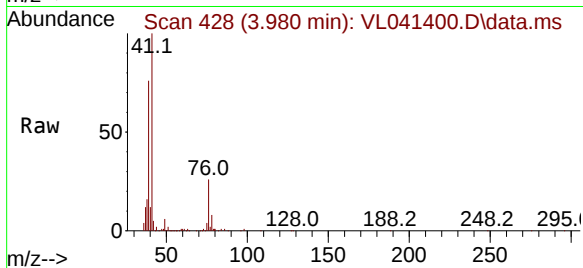
#21
 Allyl Chloride
 Concen: 1.998 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 18903
 Ion Ratio Lower Upper
 41 100
 76 31.1 23.7 35.5
 39 91.7 64.3 96.5

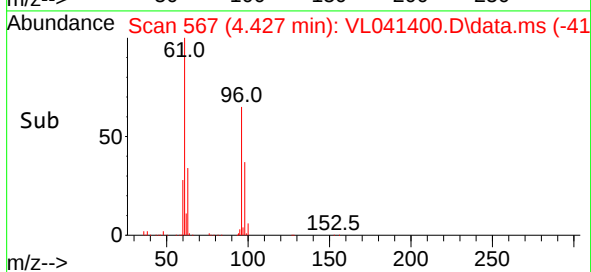
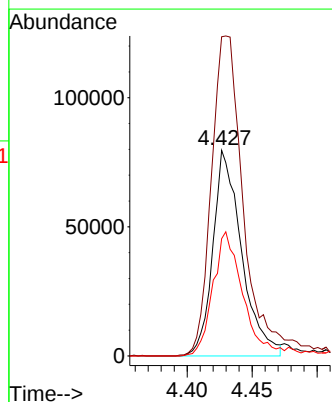
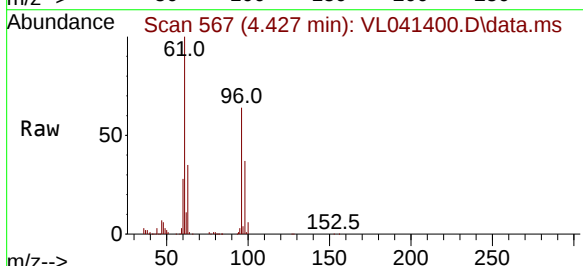
Manual Integrations
 APPROVED

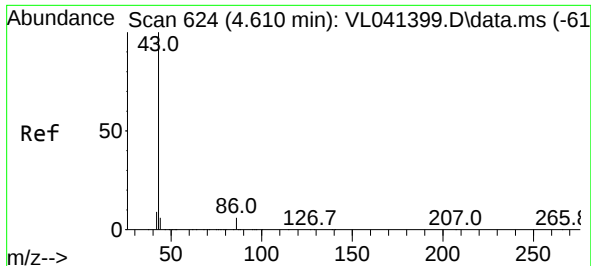
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#22
 trans-1,2-Dichloroethene
 Concen: 2.030 ppbv
 RT: 4.427 min Scan# 567
 Delta R.T. -0.003 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

Tgt Ion: 96 Resp: 122560
 Ion Ratio Lower Upper
 96 100
 61 154.7 135.4 203.2
 98 57.0 51.0 76.4





#23
 Vinyl Acetate
 Concen: 1.442 ppbv
 RT: 4.613 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

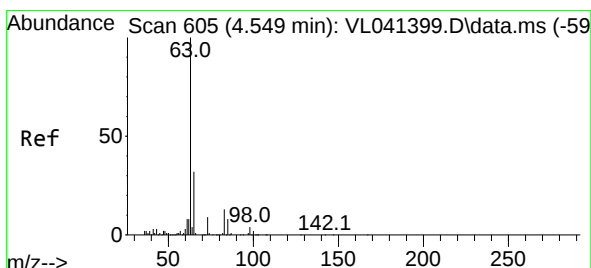
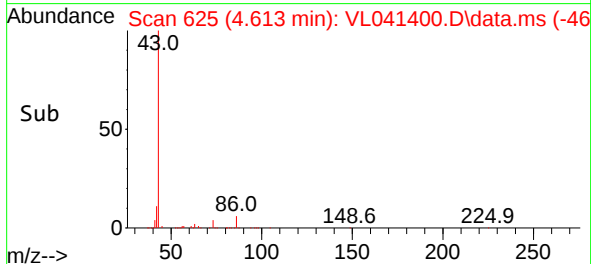
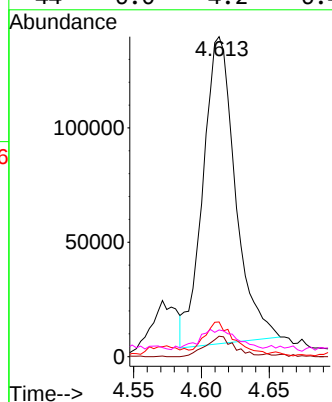
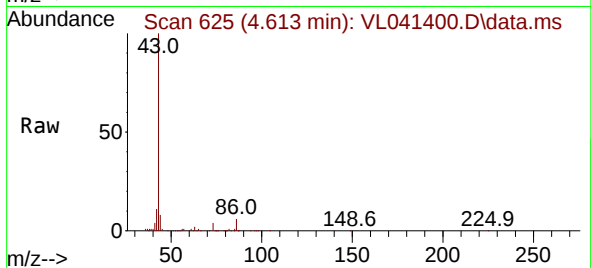
VSTDIC002

Tgt Ion: 43 Resp: 223000
 Ion Ratio Lower Upper
 43 100
 86 6.8 4.6 6.8
 42 10.3 7.9 11.9
 44 6.0 4.2 6.4

Manual Integrations

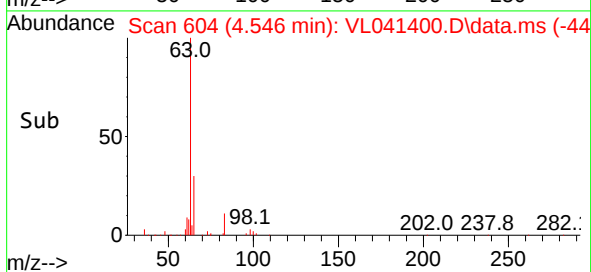
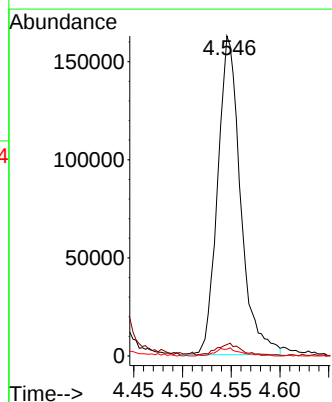
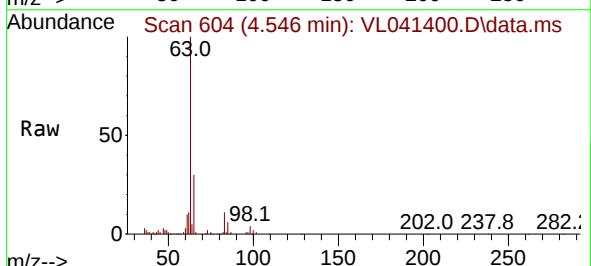
APPROVED

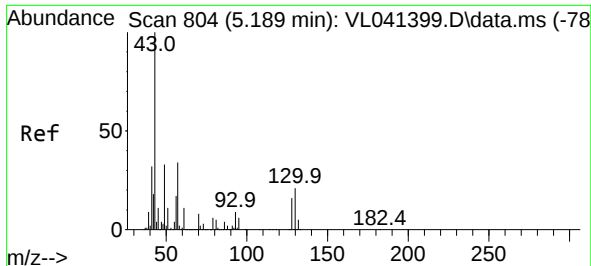
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#24
 1,1-Dichloroethane
 Concen: 1.977 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

Tgt Ion: 63 Resp: 265124
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.0 6.0
 100 2.1 1.2 3.6





#25

Ethyl Acetate

Concen: 2.070 ppbv

RT: 5.192 min Scan# 805

Delta R.T. 0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

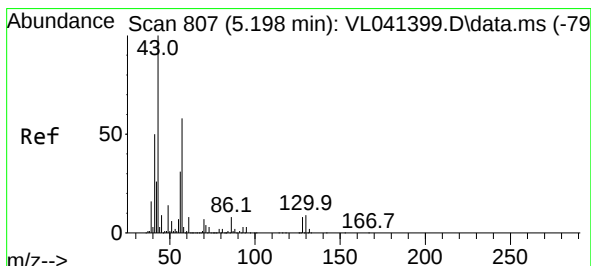
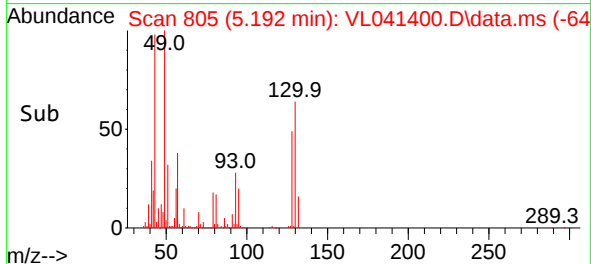
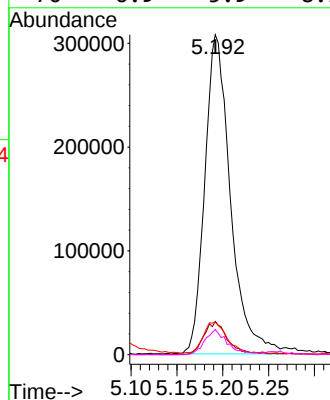
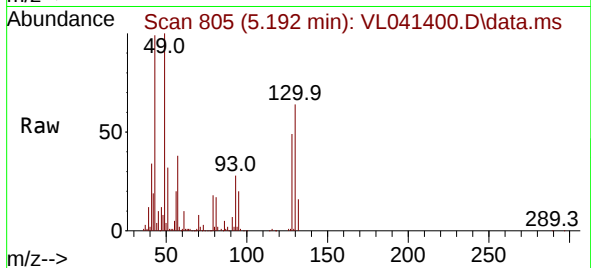
VSTDICC002

Tgt Ion: 43	Resp: 59799
Ion Ratio	Lower Upper
43 100	
45 10.1	8.5 12.7
61 9.9	8.0 12.0
70 6.9	5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#26

Hexane

Concen: 1.961 ppbv

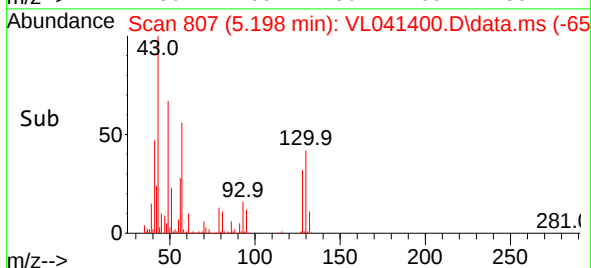
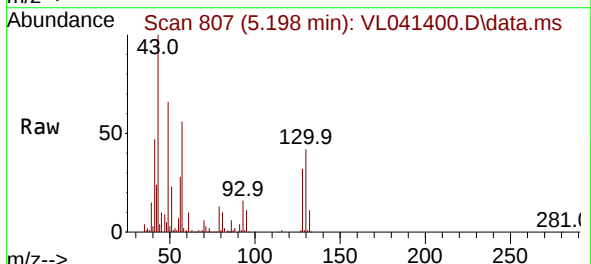
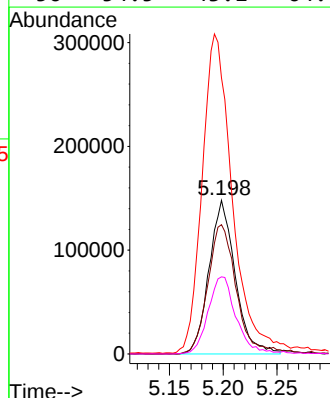
RT: 5.198 min Scan# 807

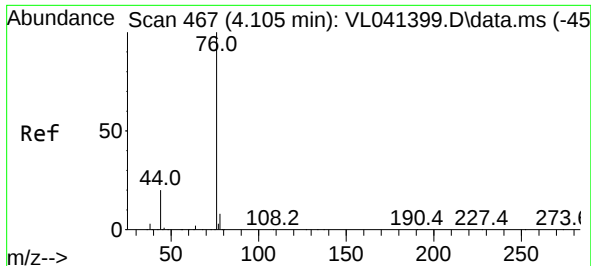
Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

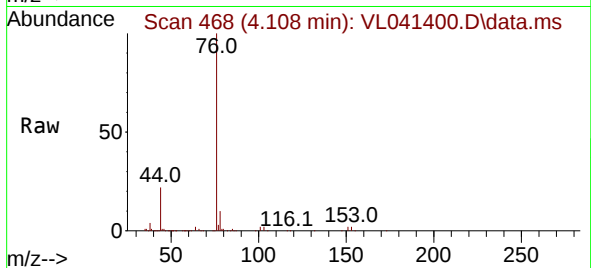
Tgt Ion: 57	Resp: 250786
Ion Ratio	Lower Upper
57 100	
41 93.3	74.0 111.0
43 245.7	193.6 290.4
56 54.5	43.1 64.7





#27
Carbon Disulfide
Concen: 1.771 ppbv
RT: 4.108 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

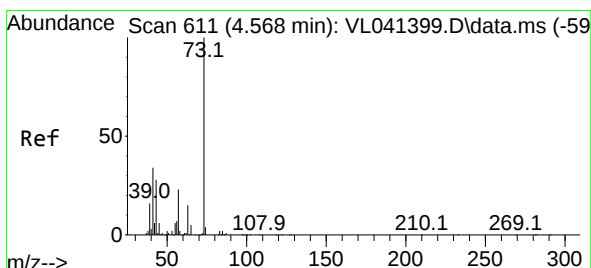
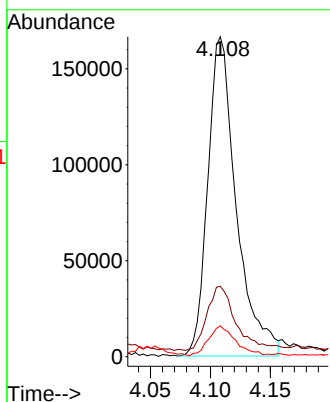
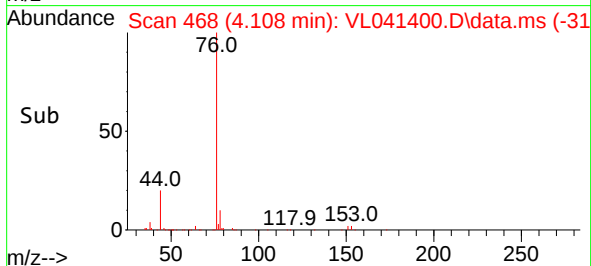
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 76 Resp: 27563
Ion Ratio Lower Upper
76 100
44 22.6 15.6 23.4
78 10.7 7.7 11.5

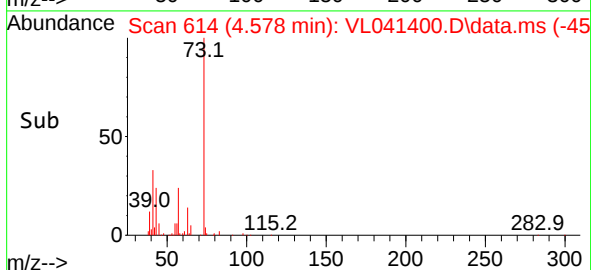
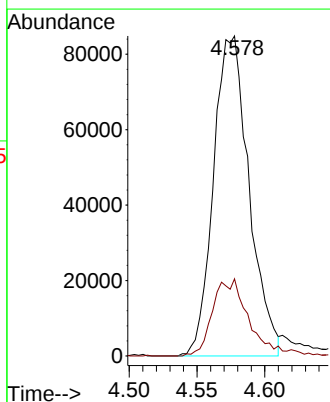
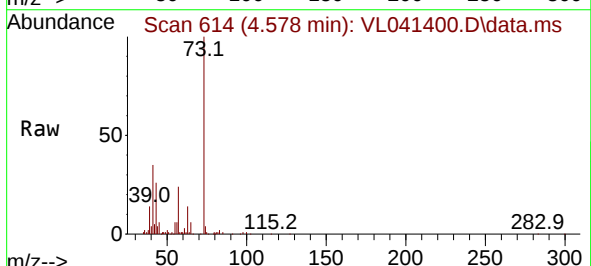
Manual Integrations
APPROVED

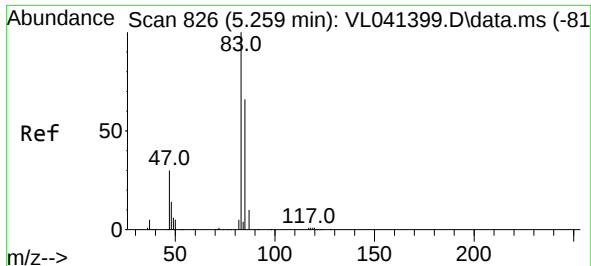
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#28
Methyl tert-Butyl Ether
Concen: 1.633 ppbv
RT: 4.578 min Scan# 614
Delta R.T. 0.010 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

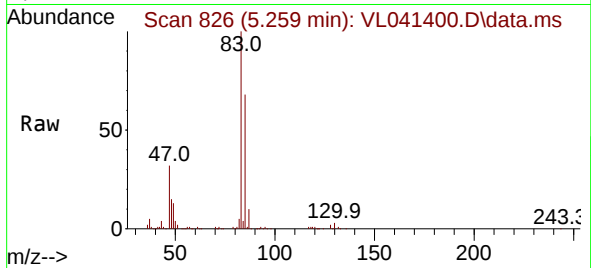
Tgt Ion: 73 Resp: 154942
Ion Ratio Lower Upper
73 100
57 25.1 18.9 28.3





#29
Chloroform
Concen: 1.997 ppbv
RT: 5.259 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

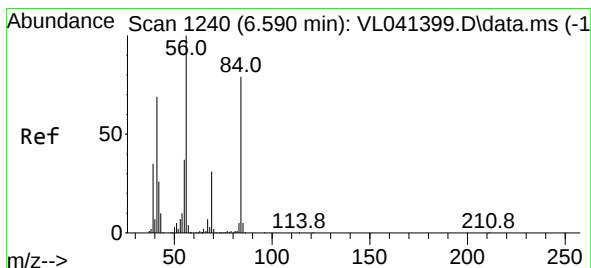
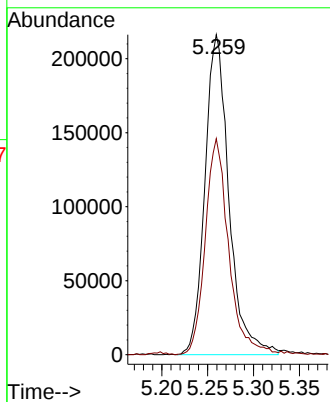
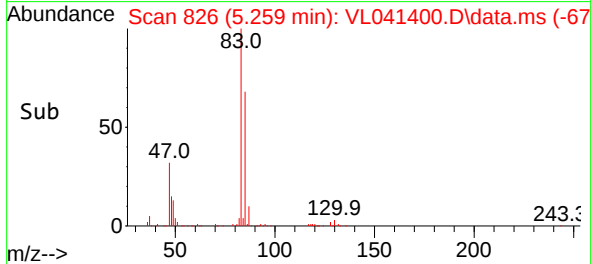
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



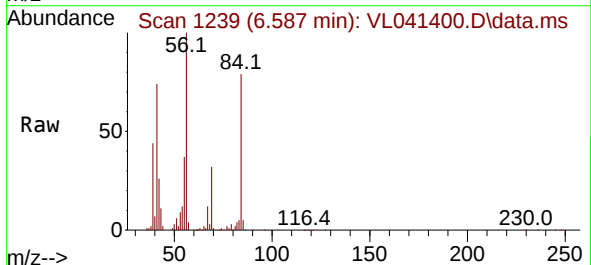
Tgt Ion: 83 Resp: 39404
Ion Ratio Lower Upper
83 100
85 67.4 53.1 79.7

Manual Integrations
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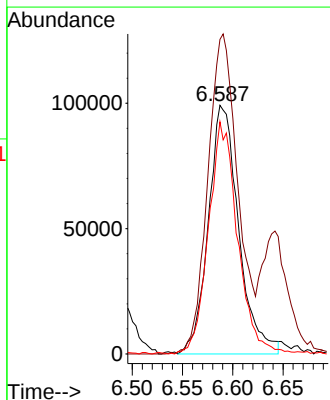
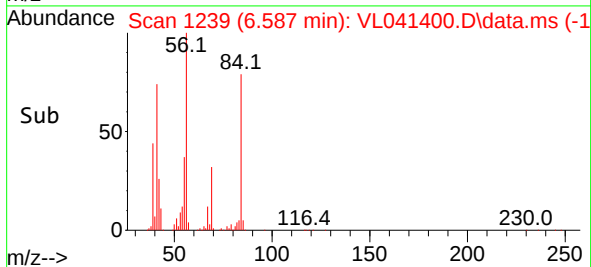
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

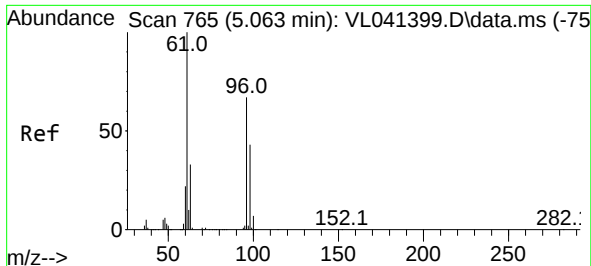


#30
Cyclohexane
Concen: 2.040 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



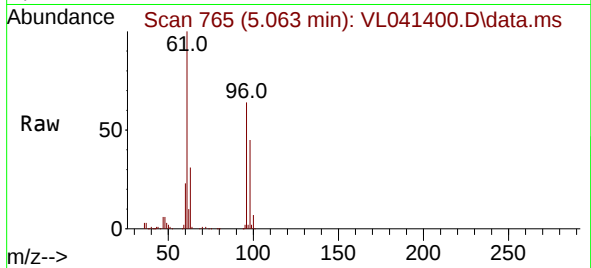
Tgt Ion: 84 Resp: 207896
Ion Ratio Lower Upper
84 100
56 125.9 111.2 166.8
41 88.7 70.3 105.5





#31
 cis-1,2-Dichloroethene
 Concen: 1.981 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

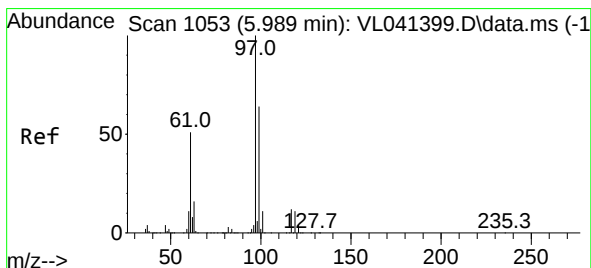
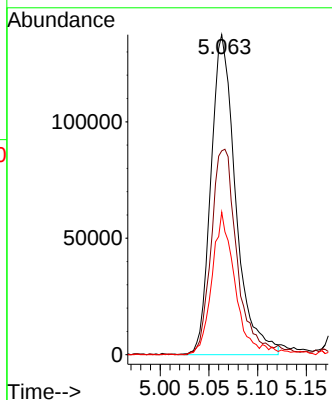
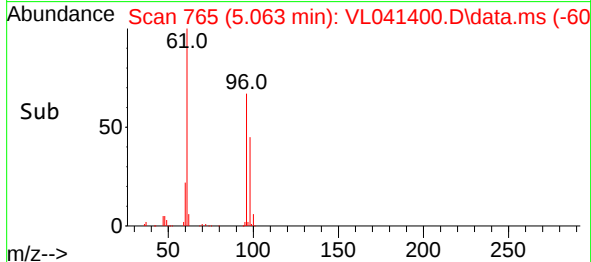
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



Tgt Ion: 61 Resp: 242910
 Ion Ratio Lower Upper
 61 100
 96 63.6 53.4 80.2
 98 44.5 34.4 51.6

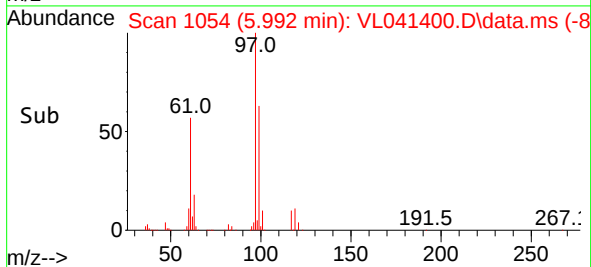
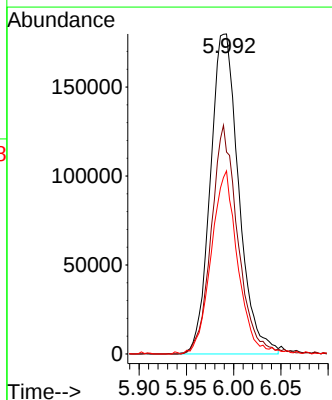
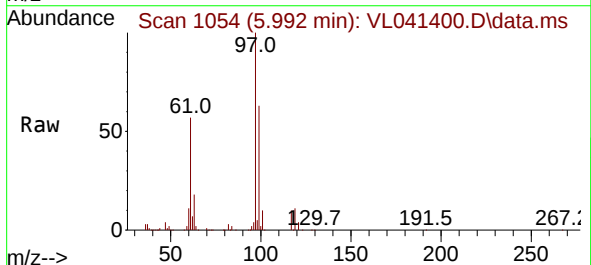
Manual Integrations
 APPROVED

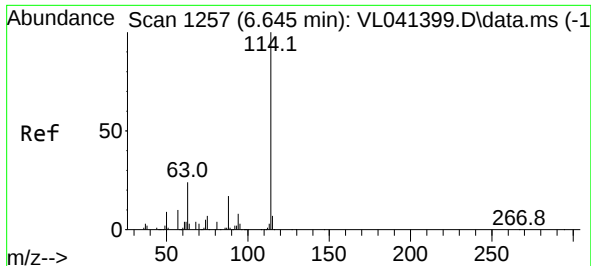
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#32
 1,1,1-Trichloroethane
 Concen: 1.814 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

Tgt Ion: 97 Resp: 375703
 Ion Ratio Lower Upper
 97 100
 99 66.9 52.0 78.0
 61 54.1 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:114 Resp: 336154

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

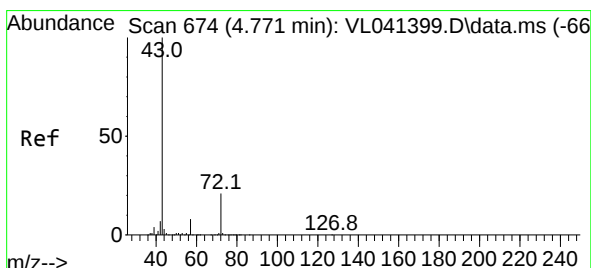
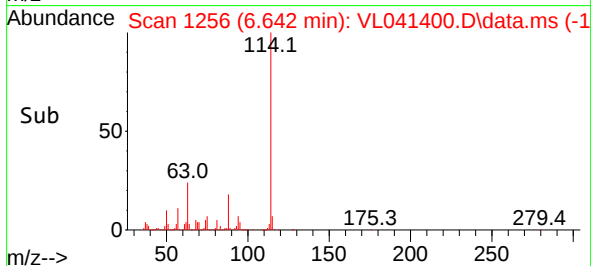
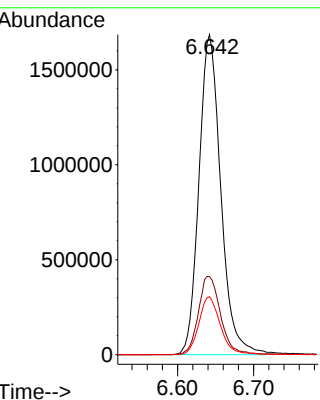
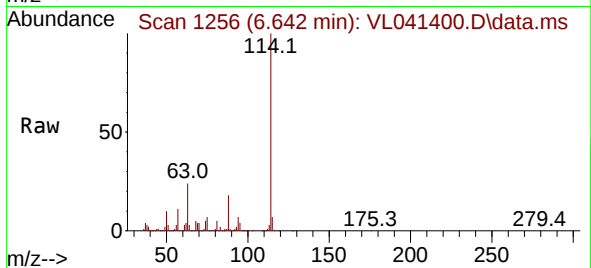
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#34

2-Butanone

Concen: 2.002 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.003 min

Lab File: VL041400.D

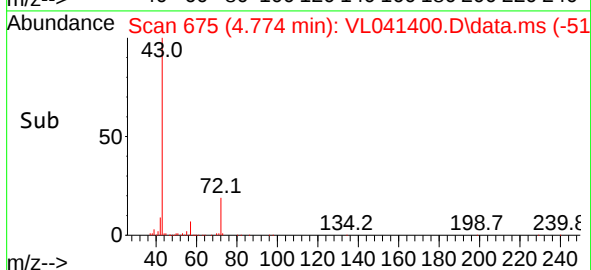
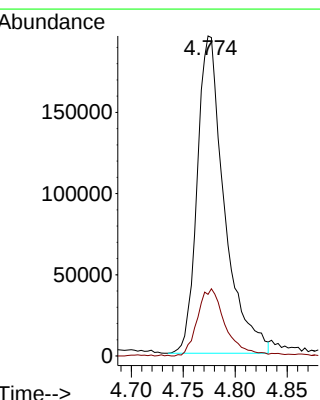
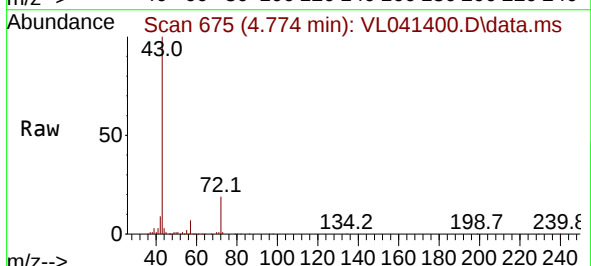
Acq: 25 Jul 2024 14:40

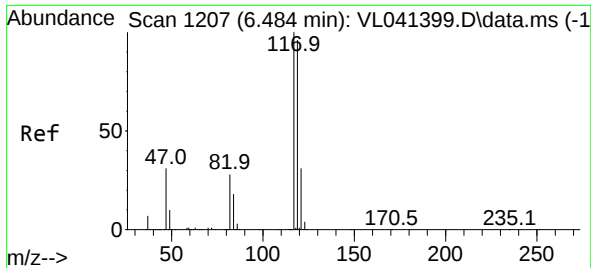
Tgt Ion: 43 Resp: 355170

Ion Ratio Lower Upper

43 100

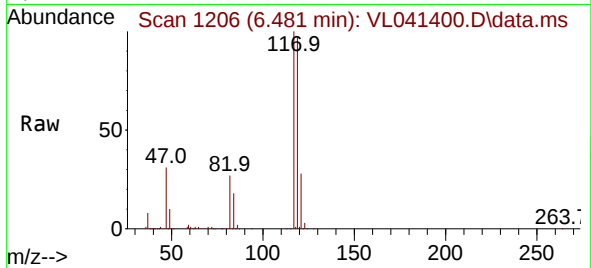
72 22.6 17.3 25.9





#35
Carbon Tetrachloride
Concen: 1.784 ppbv
RT: 6.481 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

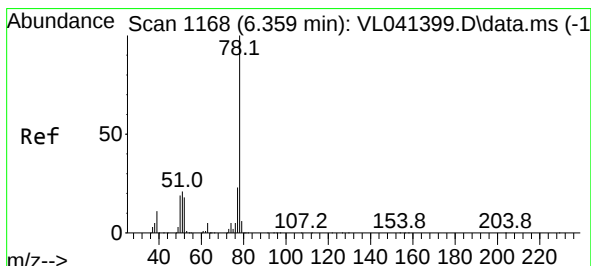
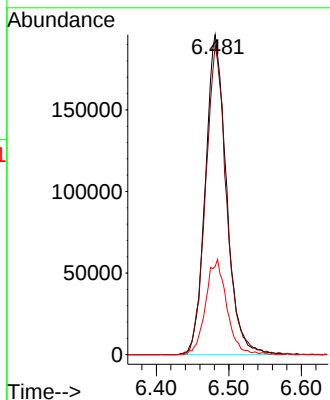
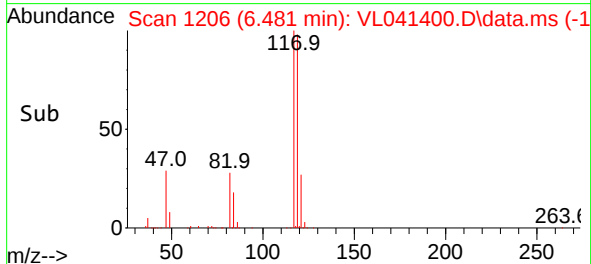
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 117 Resp: 395969
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
121 27.6 25.1 37.7

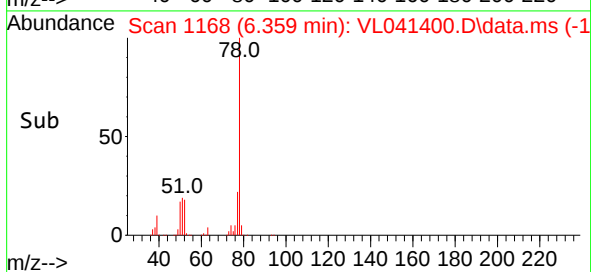
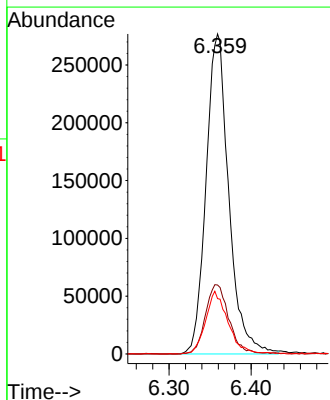
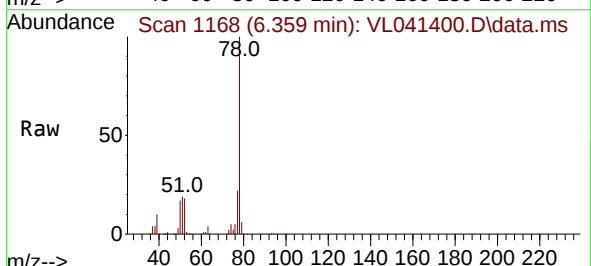
Manual Integrations
APPROVED

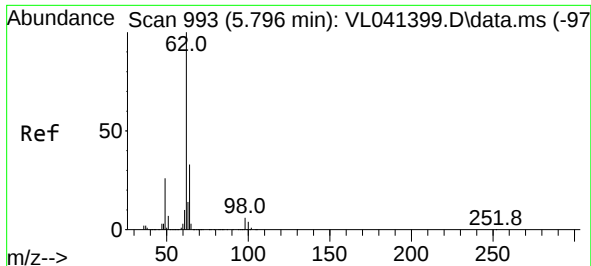
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#36
Benzene
Concen: 1.913 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion: 78 Resp: 532213
Ion Ratio Lower Upper
78 100
77 21.5 18.1 27.1
50 17.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 1.802 ppbv

RT: 5.793 min Scan# 993

Delta R.T. -0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 62 Resp: 28758

Ion Ratio Lower Upper

62 100

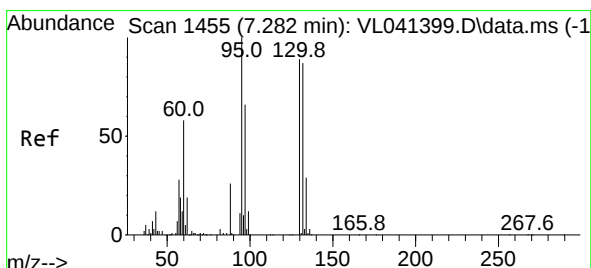
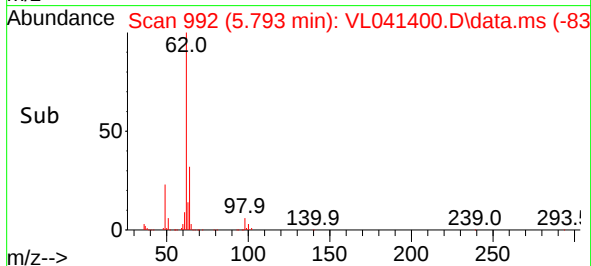
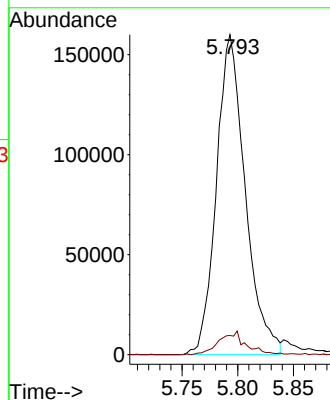
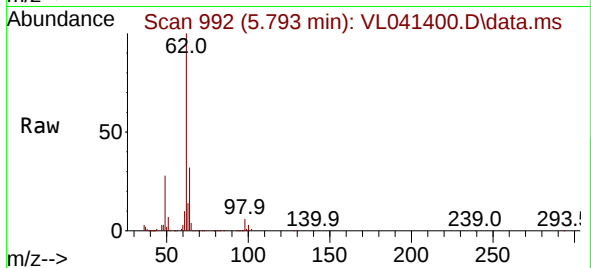
98 7.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#38

Trichloroethene

Concen: 1.935 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Tgt Ion:130 Resp: 234513

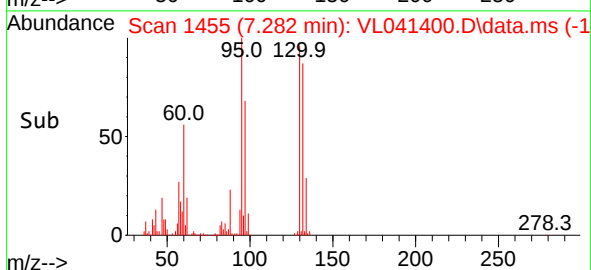
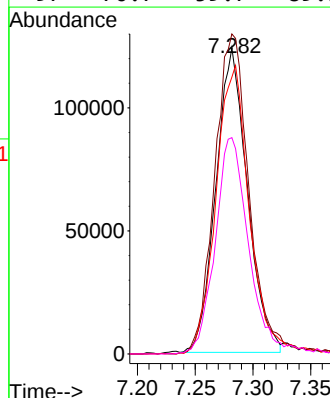
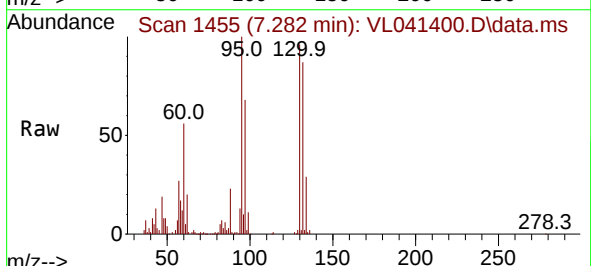
Ion Ratio Lower Upper

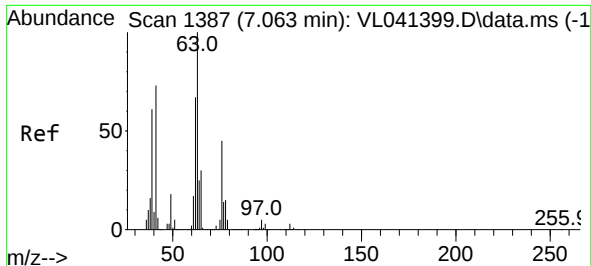
130 100

95 104.8 90.2 135.2

132 90.6 78.1 117.1

97 70.7 59.7 89.5





#39

1,2-Dichloropropane

Concen: 1.892 ppbv

RT: 7.060 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

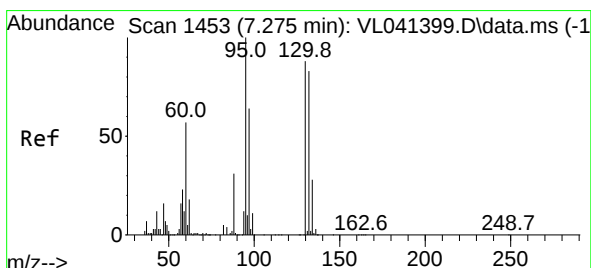
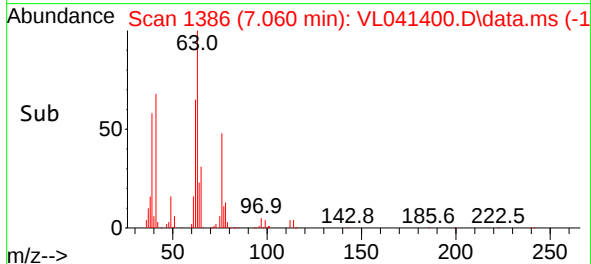
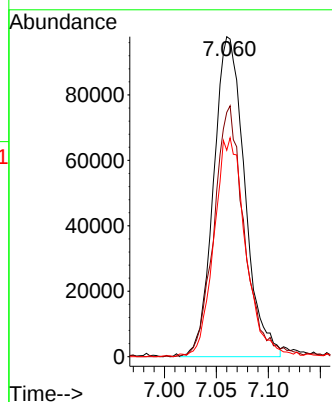
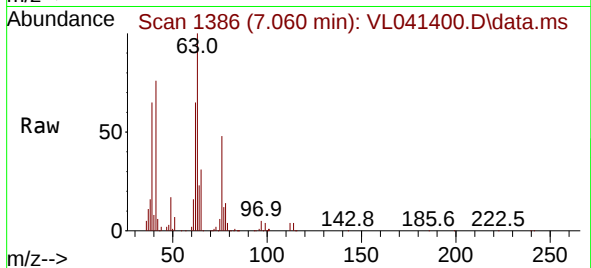
Tgt Ion: 63 Resp: 203420

Ion	Ratio	Lower	Upper
63	100		
41	75.7	58.3	87.5
62	63.7	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#40

1,4-Dioxane

Concen: 2.068 ppbv

RT: 7.288 min Scan# 1457

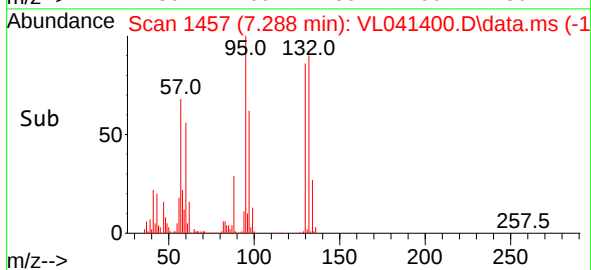
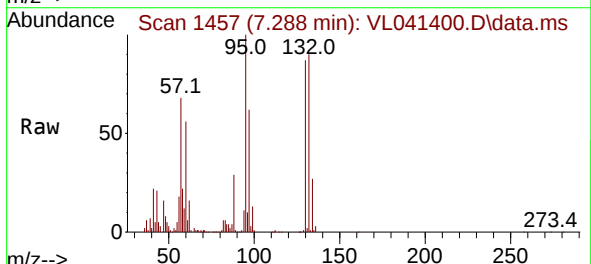
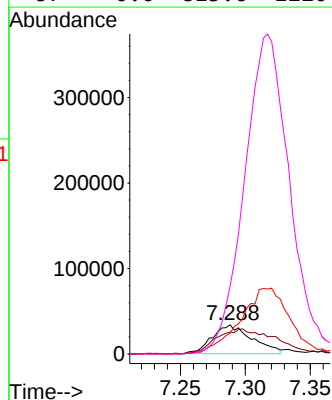
Delta R.T. 0.013 min

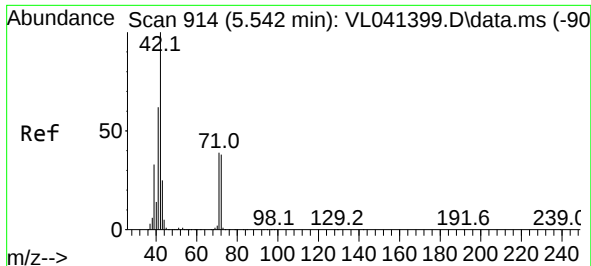
Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Tgt Ion: 88 Resp: 71274

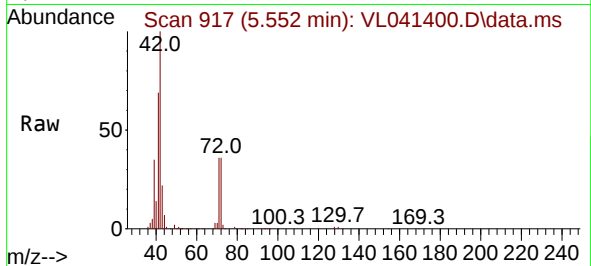
Ion	Ratio	Lower	Upper
88	100		
58	137.3	95.8	143.6
43	0.0	188.2	282.2#
57	0.0	813.6	1220.4#





#41
Tetrahydrofuran
Concen: 1.886 ppbv
RT: 5.552 min Scan# 914
Delta R.T. 0.010 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

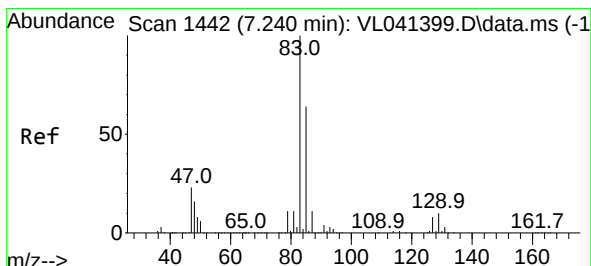
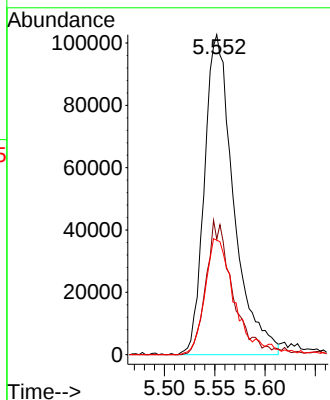
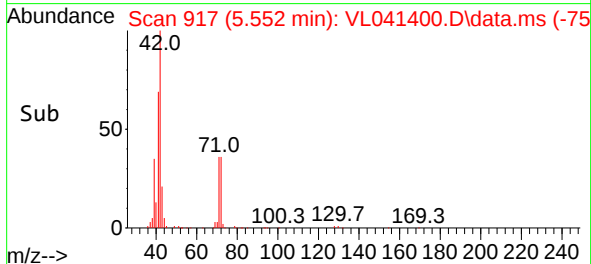
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 207220
Ion Ratio Lower Upper
42 100
72 39.1 31.2 46.8
71 37.4 30.5 45.7

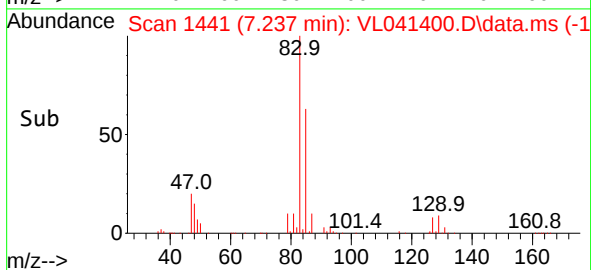
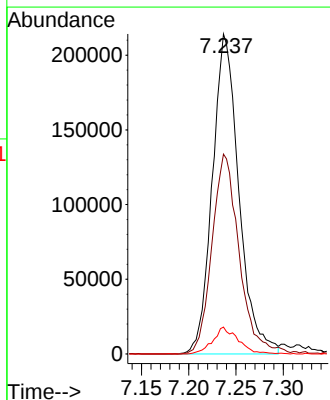
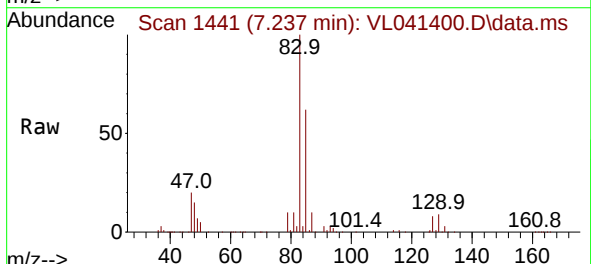
Manual Integrations
APPROVED

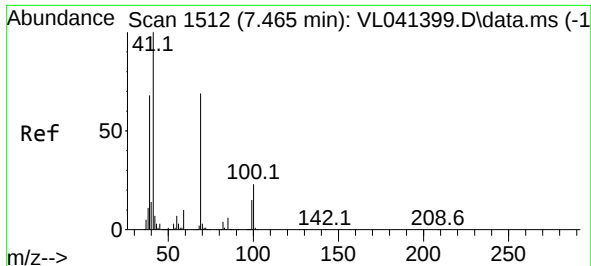
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#42
Bromodichloromethane
Concen: 1.873 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion: 83 Resp: 418292
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.0
127 8.4 6.7 10.1





#43
Methyl Methacrylate
Concen: 1.843 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

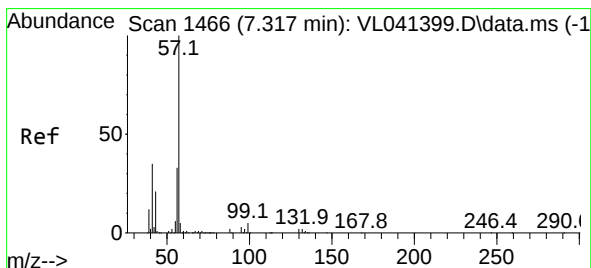
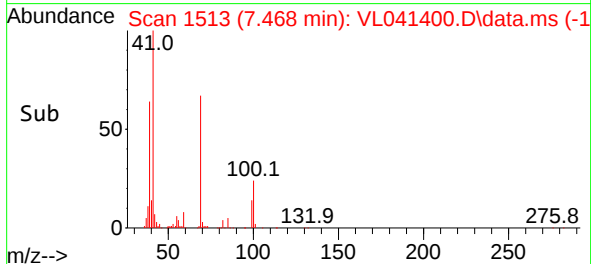
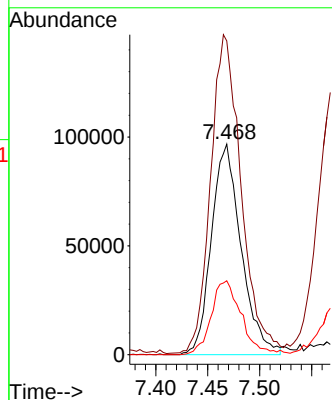
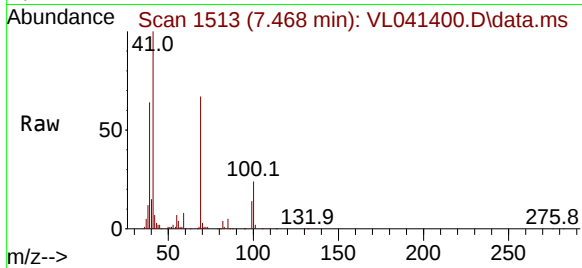
VSTDICC002

Tgt Ion: 69 Resp: 192639
Ion Ratio Lower Upper
69 100
41 156.2 118.7 178.1
100 35.7 27.0 40.4

Manual Integrations

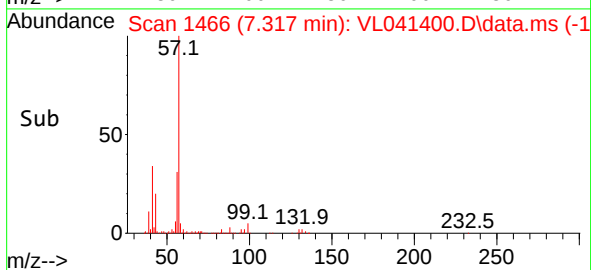
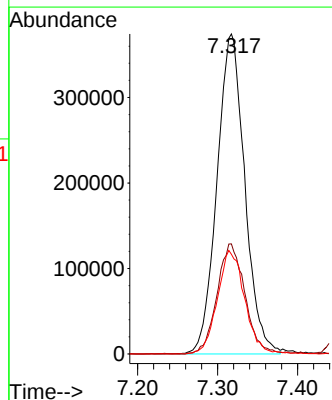
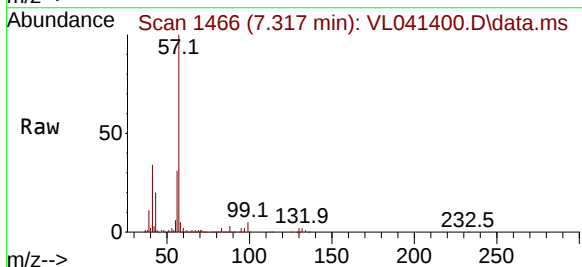
APPROVED

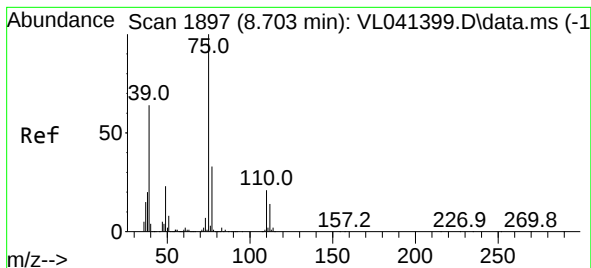
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#44
2,2,4-Trimethylpentane
Concen: 1.909 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion: 57 Resp: 902570
Ion Ratio Lower Upper
57 100
41 34.7 27.0 40.6
56 31.9 25.2 37.8





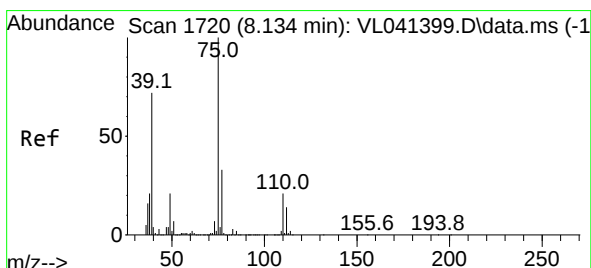
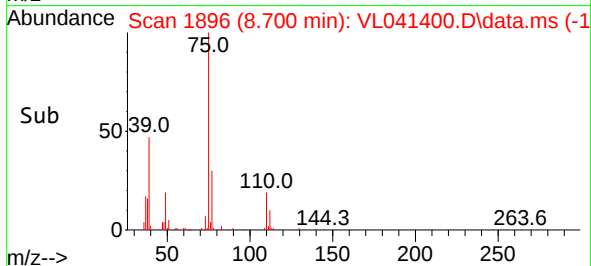
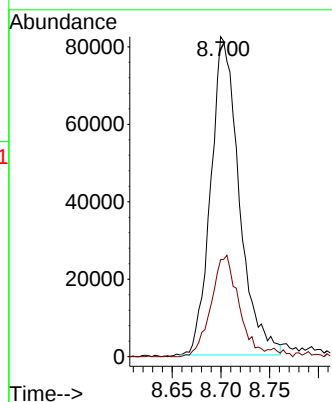
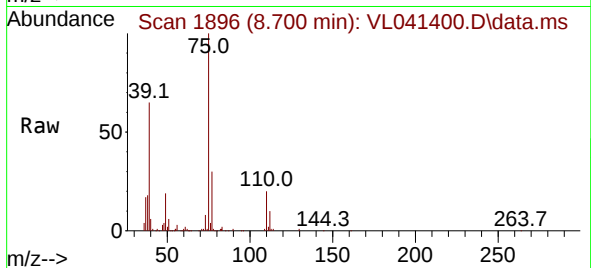
#45
t-1,3-Dichloropropene
Concen: 2.524 ppbv
RT: 8.700 min Scan# 1897
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 166952
Ion Ratio Lower Upper
75 100
77 30.4 26.5 39.7

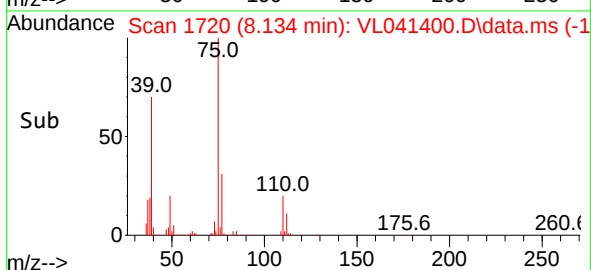
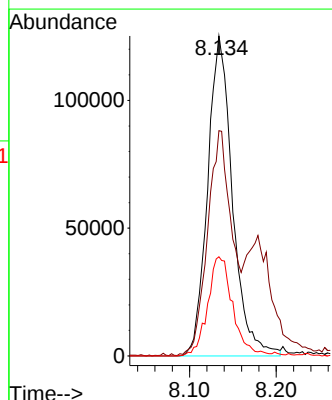
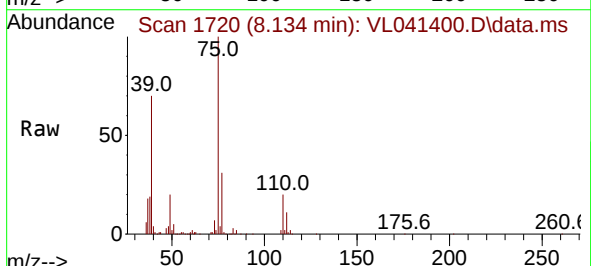
Manual Integrations
APPROVED

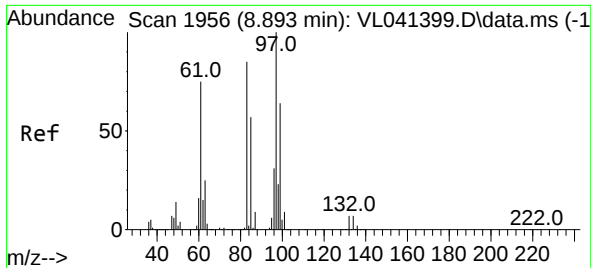
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#46
cis-1,3-Dichloropropene
Concen: 2.810 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion: 75 Resp: 249911
Ion Ratio Lower Upper
75 100
39 69.7 57.3 85.9
77 30.8 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 1.950 ppbv

RT: 8.889 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 97 Resp: 22486

Ion Ratio Lower Upper

97 100

83 91.5 67.6 101.4

85 54.5 45.9 68.9

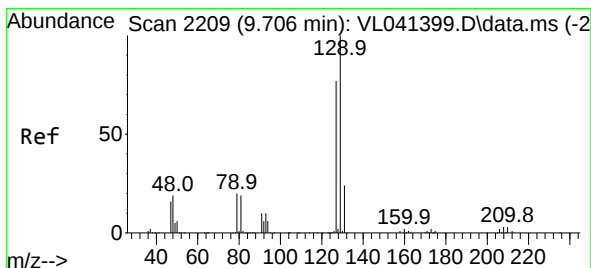
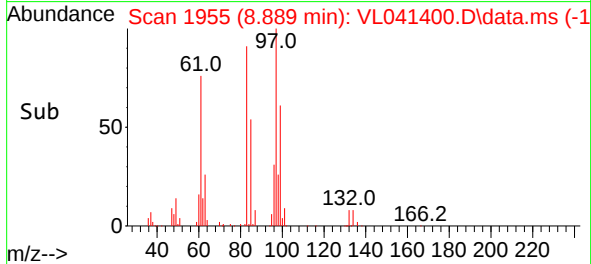
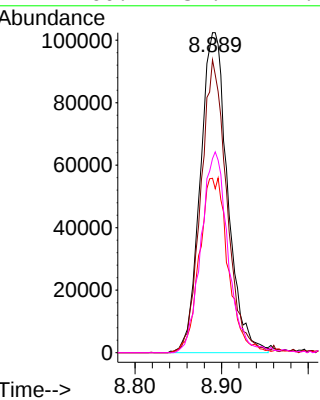
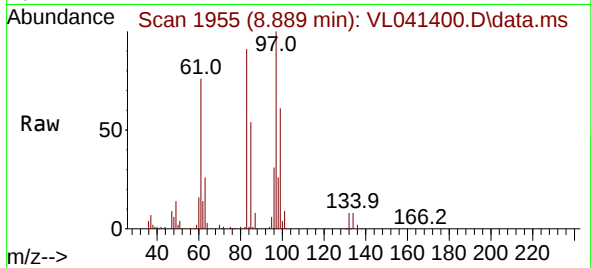
99 60.7 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#48

Dibromochloromethane

Concen: 1.910 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VL041400.D

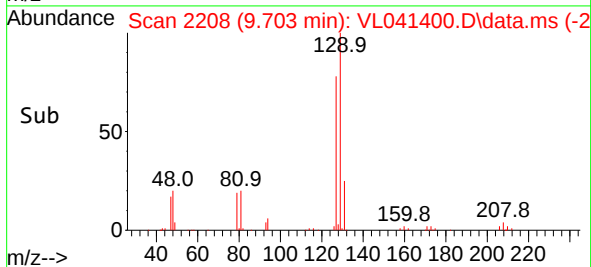
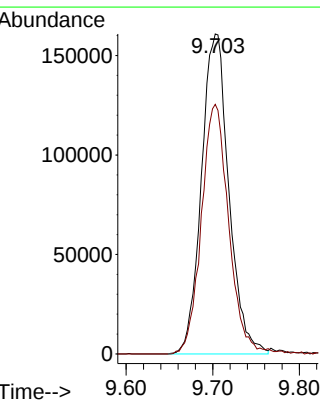
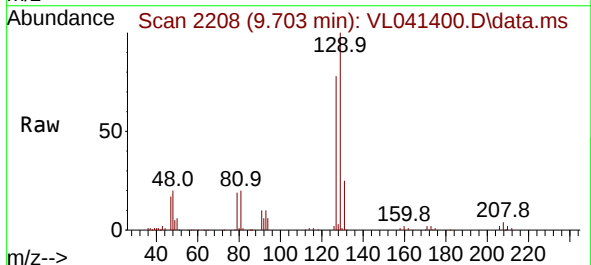
Acq: 25 Jul 2024 14:40

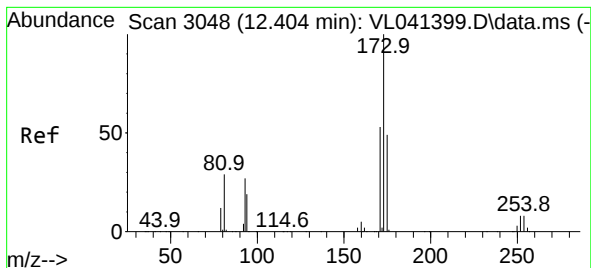
Tgt Ion:129 Resp: 353718

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.8





#49

Bromoform

Concen: 2.073 ppbv

RT: 12.401 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:173 Resp: 305640

Ion Ratio Lower Upper

173 100

175 48.5 39.9 59.9

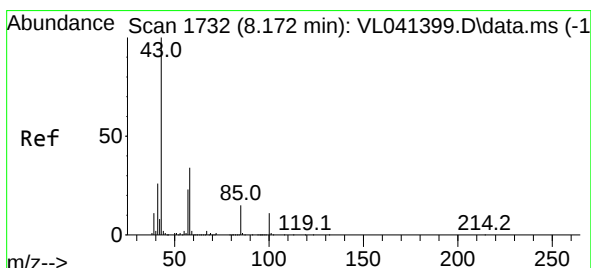
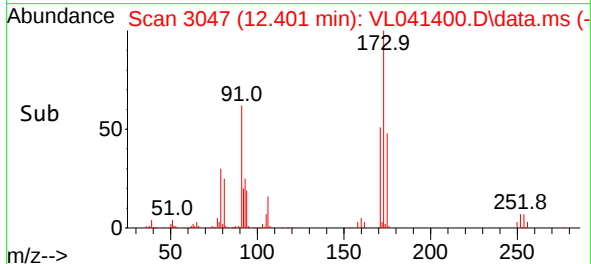
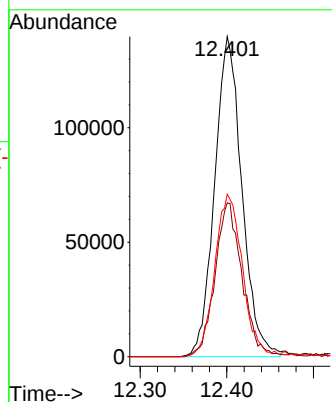
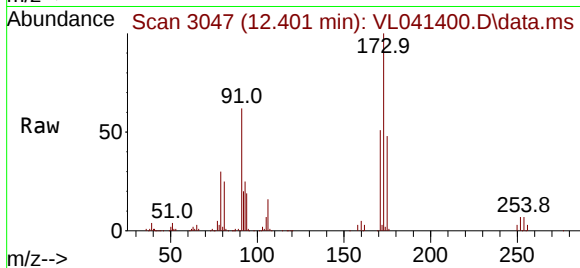
171 52.1 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#50

4-Methyl-2-Pentanone

Concen: 2.029 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.003 min

Lab File: VL041400.D

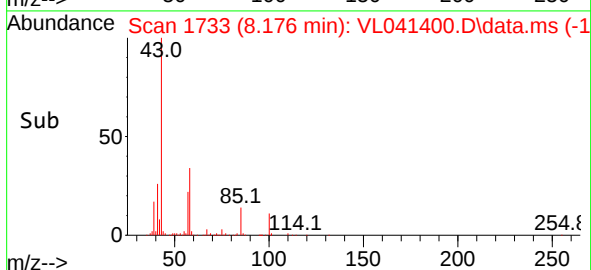
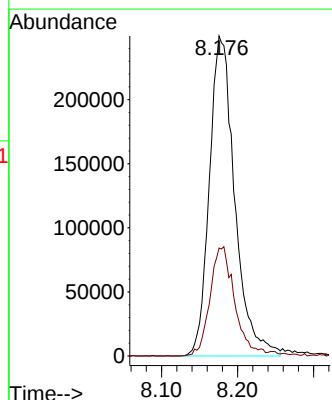
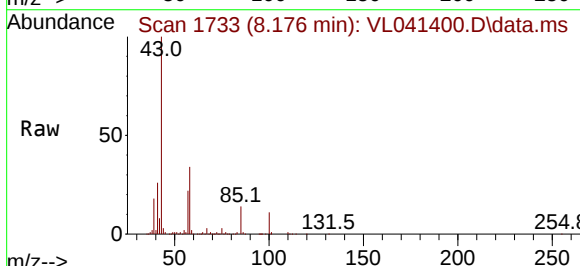
Acq: 25 Jul 2024 14:40

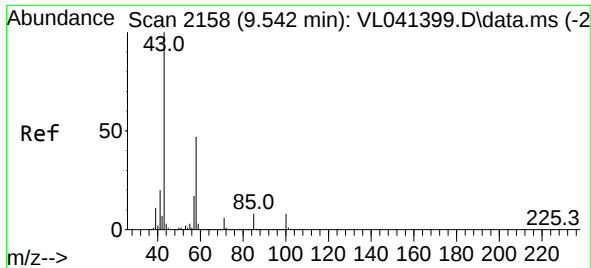
Tgt Ion: 43 Resp: 577958

Ion Ratio Lower Upper

43 100

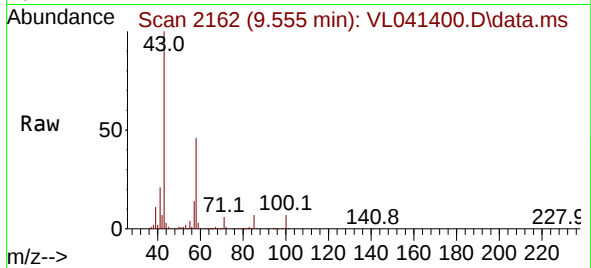
58 34.1 27.9 41.9





#51
2-Hexanone
Concen: 2.124 ppbv
RT: 9.555 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

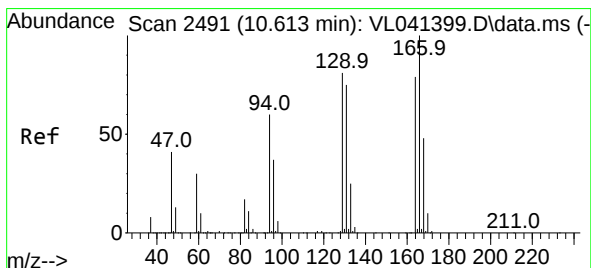
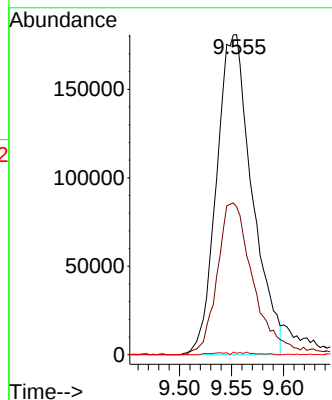
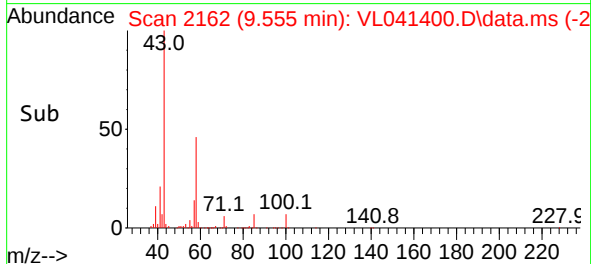
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



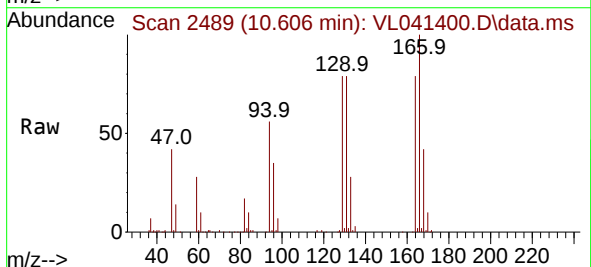
Tgt Ion: 43 Resp: 43009
Ion Ratio Lower Upper
43 100
58 50.4 38.2 57.2
98 0.3 0.3 0.5

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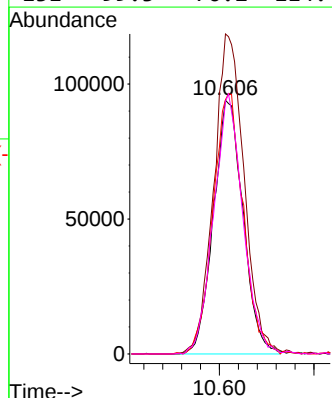
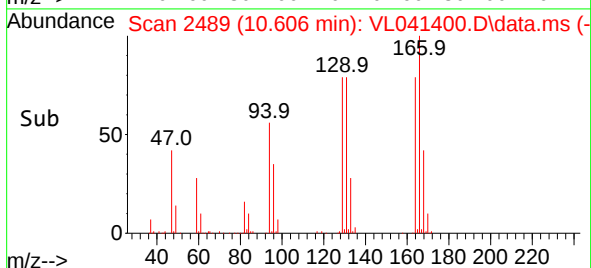
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

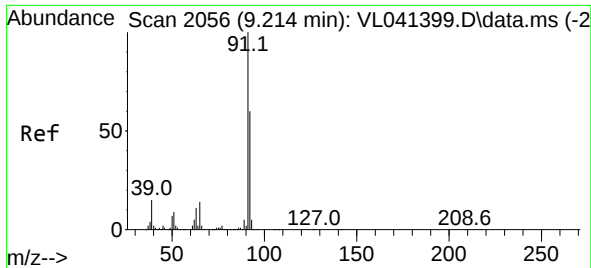


#52
Tetrachloroethene
Concen: 1.829 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.006 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



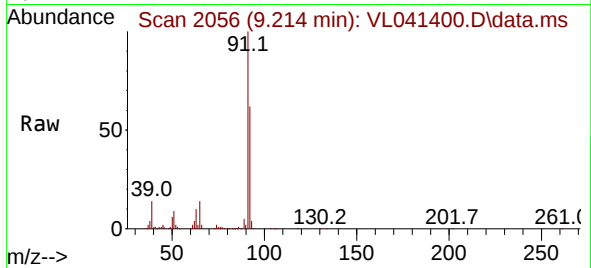
Tgt Ion:164 Resp: 204374
Ion Ratio Lower Upper
164 100
166 125.7 101.1 151.7
129 100.2 81.7 122.5
131 99.3 76.2 114.4





#53
Toluene
Concen: 1.905 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

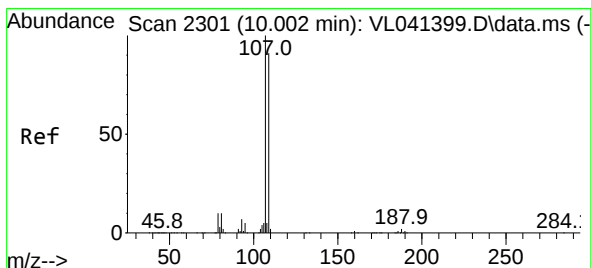
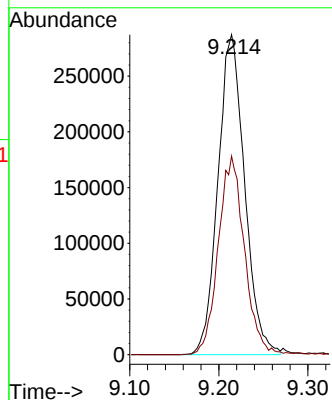
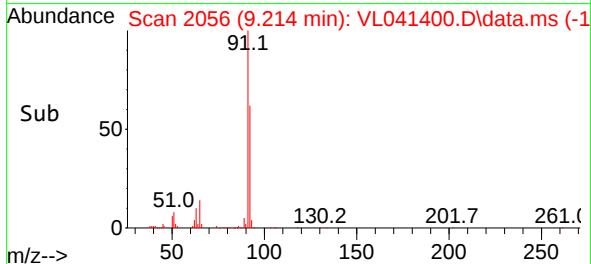
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



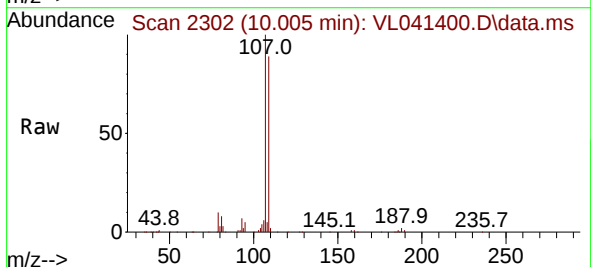
Tgt Ion: 91 Resp: 597804
Ion Ratio Lower Upper
91 100
92 61.2 48.7 73.1

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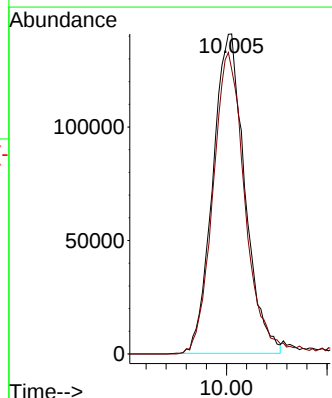
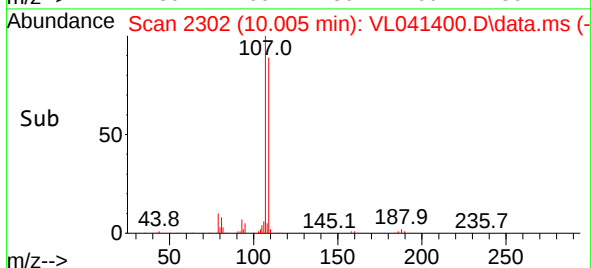
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

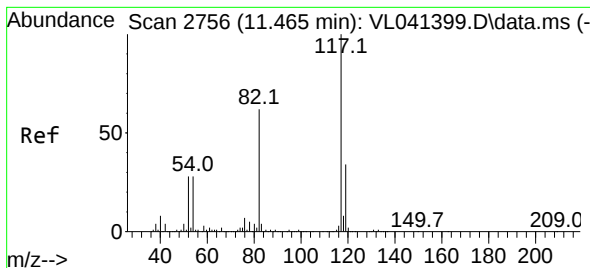


#54
1,2-Dibromoethane
Concen: 2.182 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



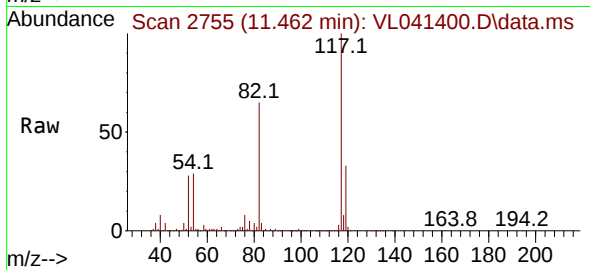
Tgt Ion:107 Resp: 311374
Ion Ratio Lower Upper
107 100
109 88.9 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

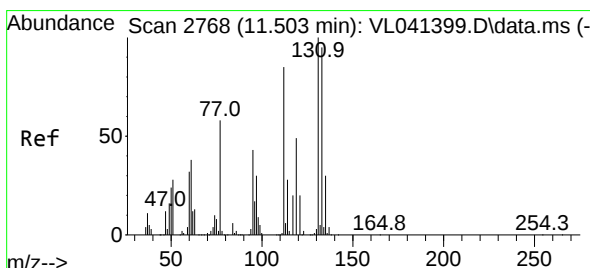
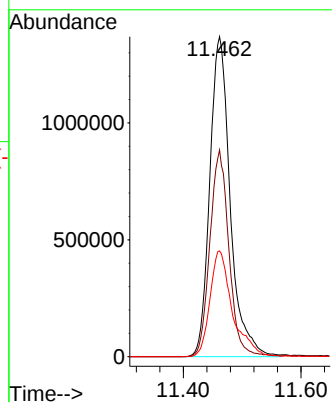
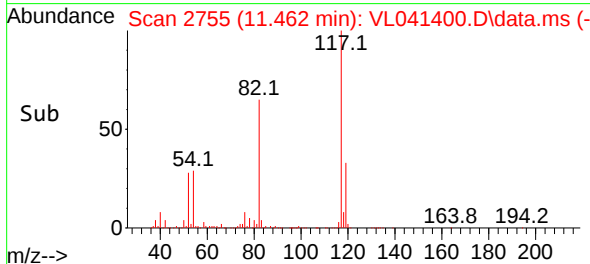
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:117 Resp: 330075
Ion Ratio Lower Upper
117 100
82 60.8 51.0 76.6
119 36.4 45.2 67.8

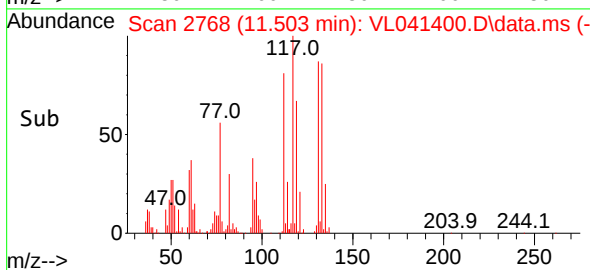
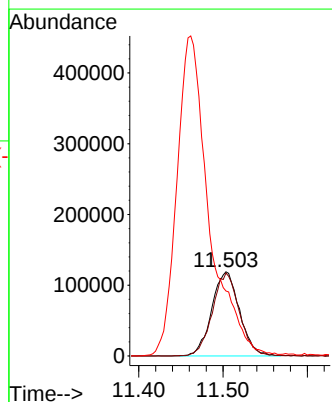
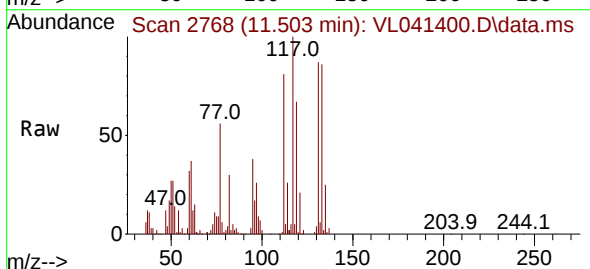
Manual Integrations
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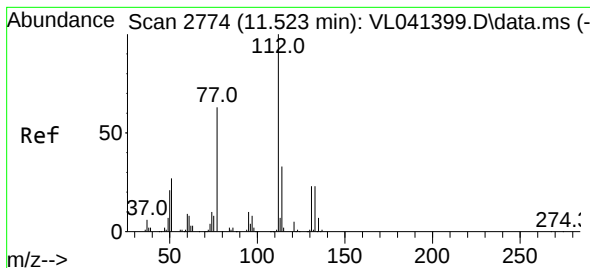
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 1.832 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion:131 Resp: 272178
Ion Ratio Lower Upper
131 100
133 95.6 77.0 115.4
119 443.1 121.5 182.3





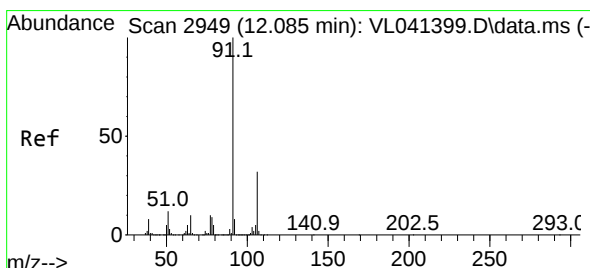
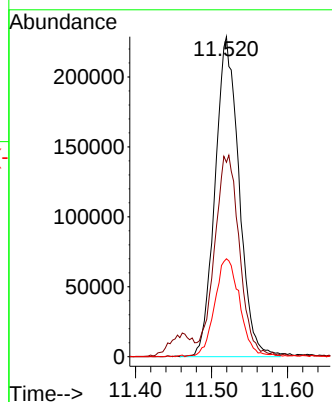
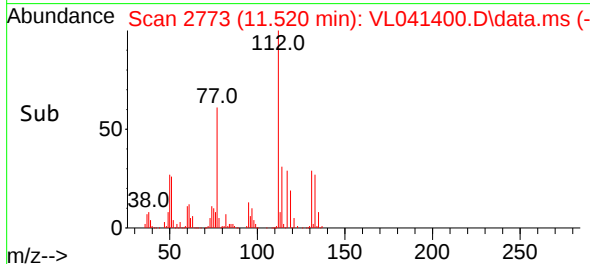
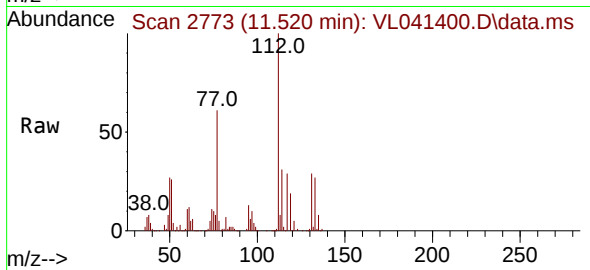
#57
Chlorobenzene
Concen: 1.933 ppbv
RT: 11.520 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:112 Resp: 50057
Ion Ratio Lower Upper
112 100
77 60.4 51.1 76.7
114 30.3 29.5 36.1

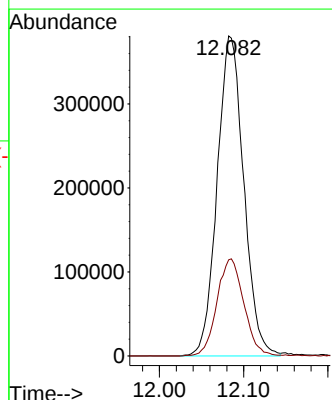
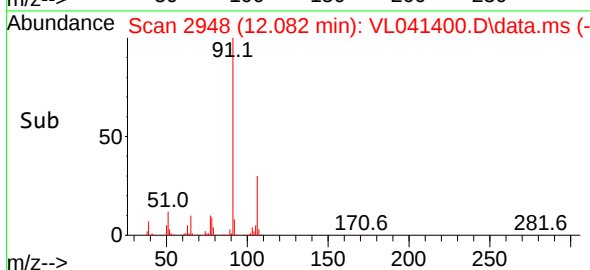
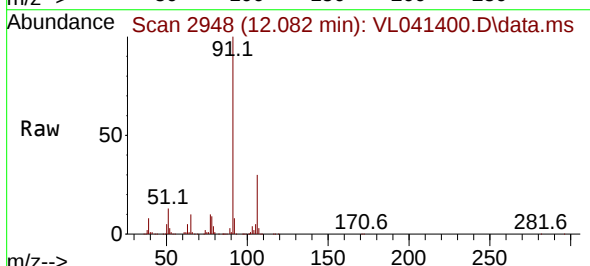
Manual Integrations
APPROVED

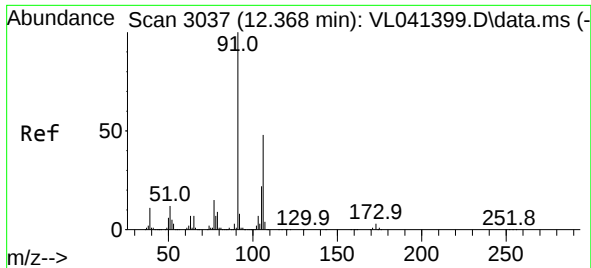
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#58
Ethyl Benzene
Concen: 1.887 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion: 91 Resp: 833428
Ion Ratio Lower Upper
91 100
106 30.0 25.8 38.8





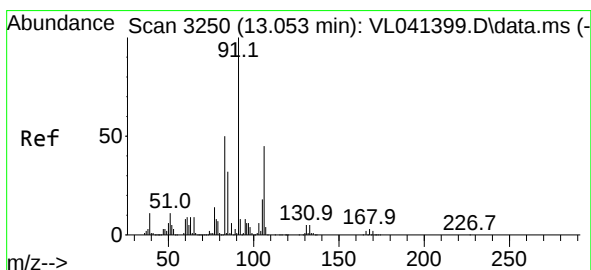
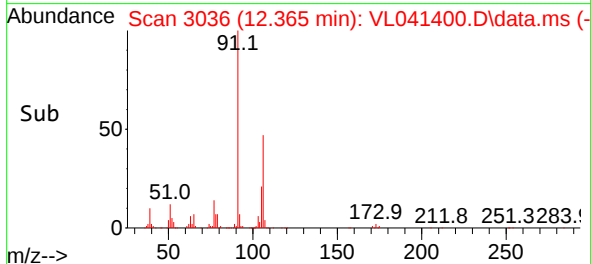
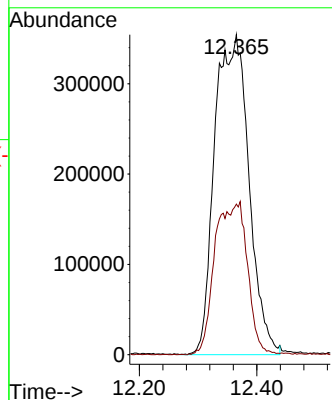
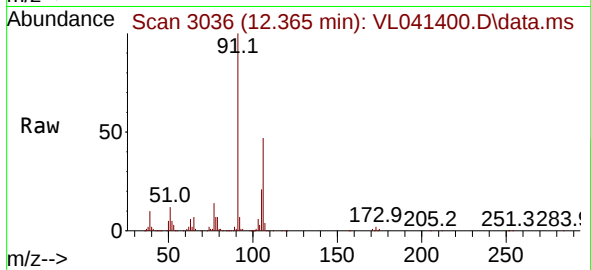
#59
m/p-Xylene
Concen: 3.743 ppbv m
RT: 12.365 min Scan# 3037
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 1430508
Ion Ratio Lower Upper
91 100
106 45.6 36.3 54.5

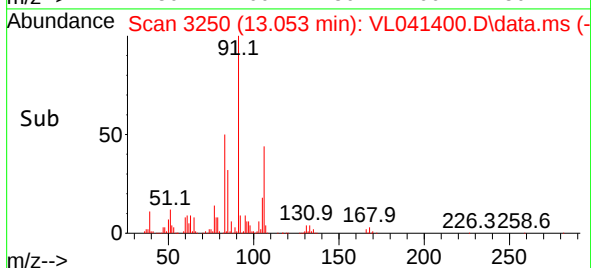
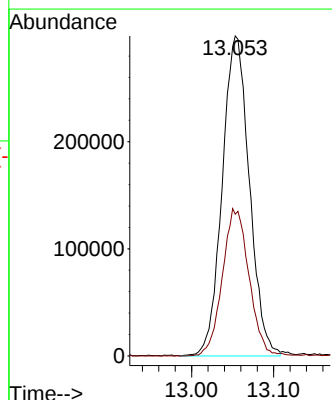
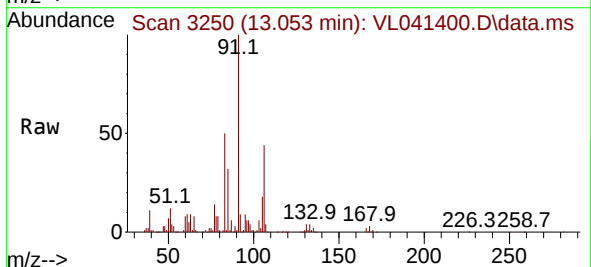
Manual Integrations
APPROVED

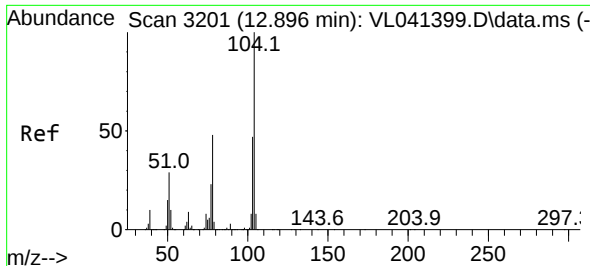
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#60
o-Xylene
Concen: 1.900 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

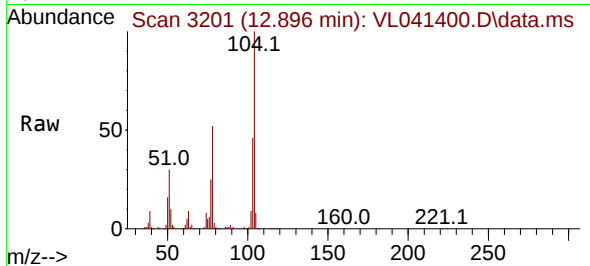
Tgt Ion: 91 Resp: 685320
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





#61
Styrene
Concen: 1.763 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

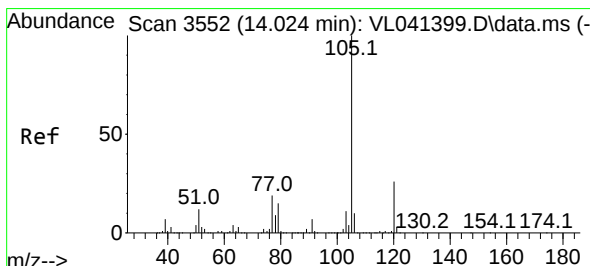
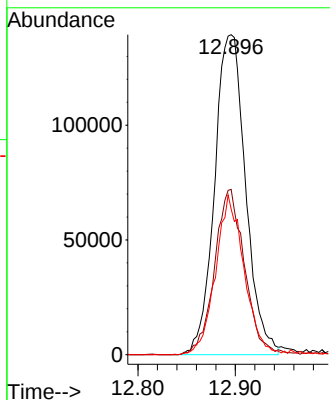
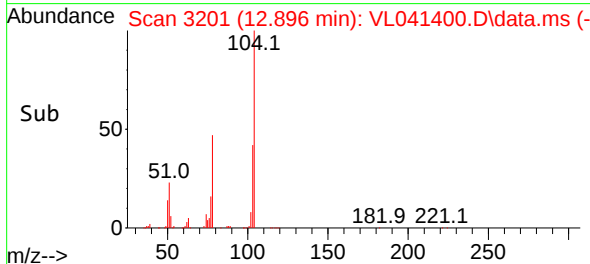
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



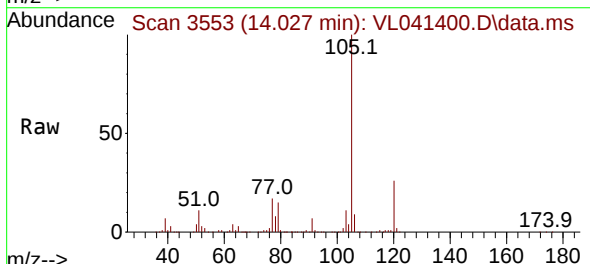
Tgt Ion:104 Resp: 308833
Ion Ratio Lower Upper
104 100
78 50.3 40.8 61.2
103 46.5 38.2 57.4

Manual Integrations
APPROVED

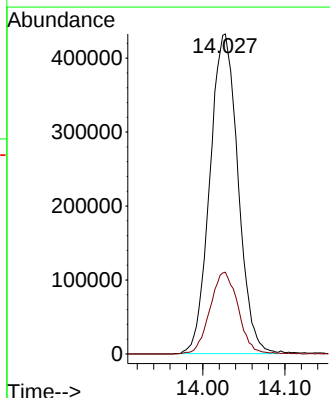
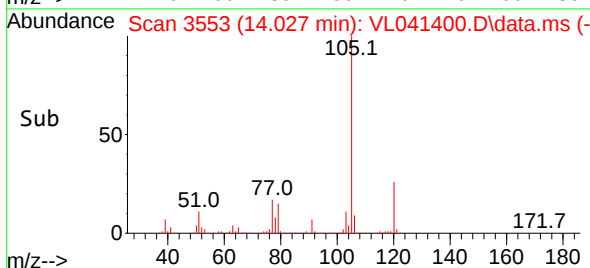
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

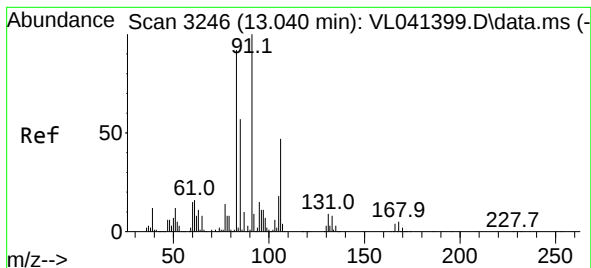


#62
Isopropylbenzene
Concen: 1.850 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



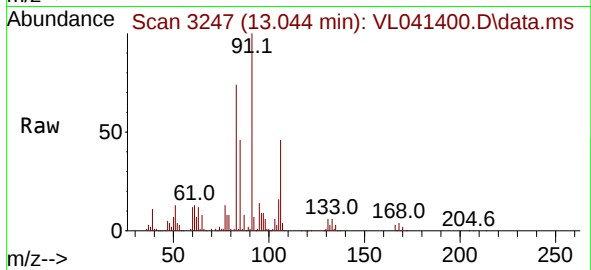
Tgt Ion:105 Resp: 1029899
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 1.509 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

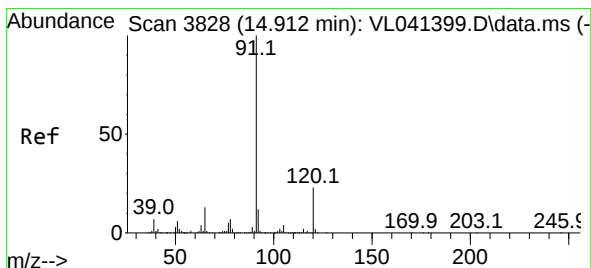
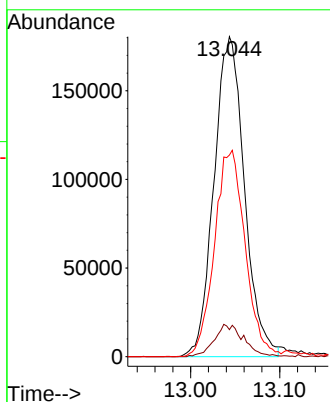
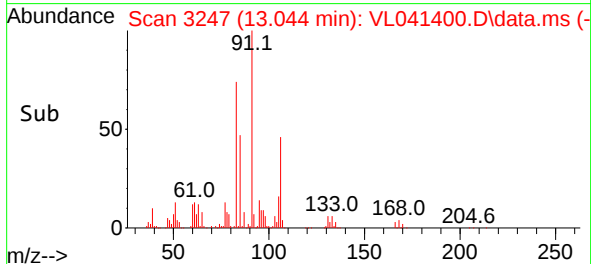
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



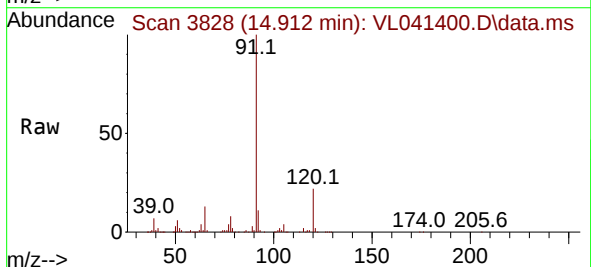
Tgt Ion: 83 Resp: 42882
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 66.8 32.6 98.0

Manual Integrations
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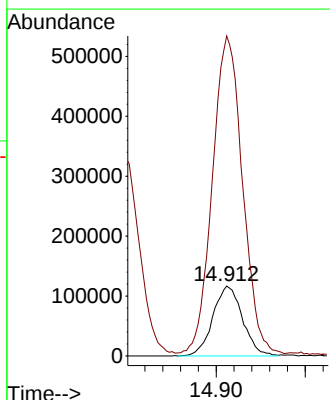
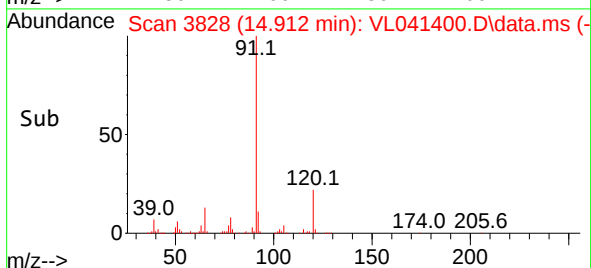
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

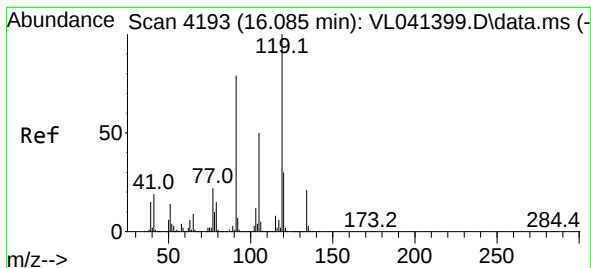


#64
n-propylbenzene
Concen: 1.852 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



Tgt Ion:120 Resp: 269236
Ion Ratio Lower Upper
120 100
91 474.9 361.4 542.0





#65

tert-Butylbenzene

Concen: 1.928 ppbv

RT: 16.085 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:119 Resp: 95609

Ion Ratio Lower Upper

119 100

91 80.5 64.2 96.2

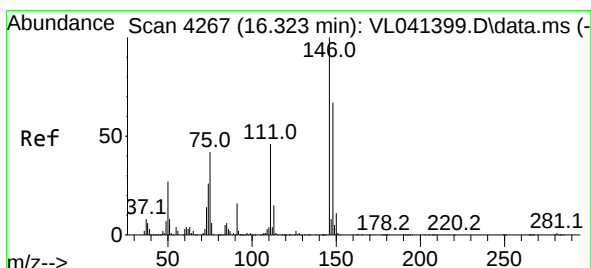
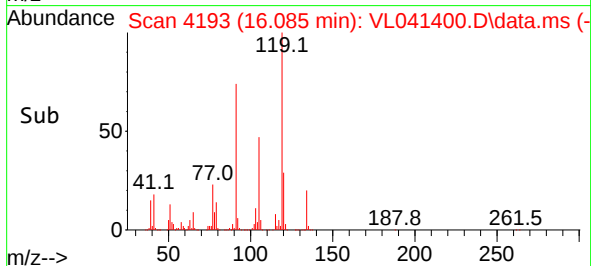
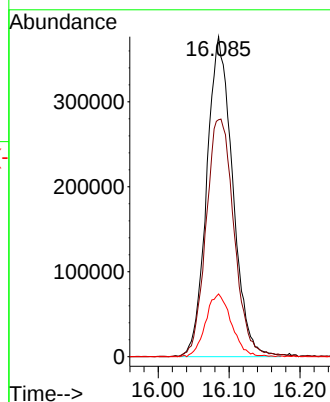
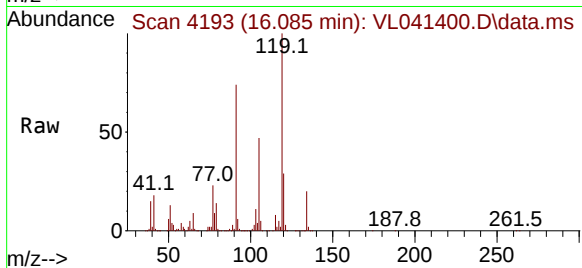
134 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#66

Benzyl Chloride

Concen: 1.625 ppbv m

RT: 16.326 min Scan# 4268

Delta R.T. 0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

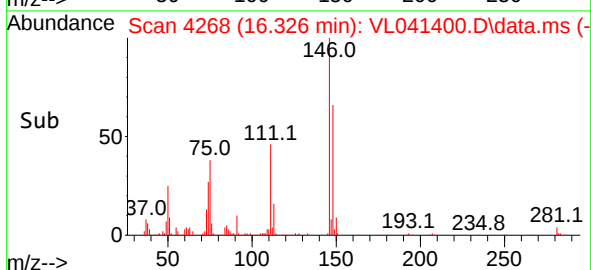
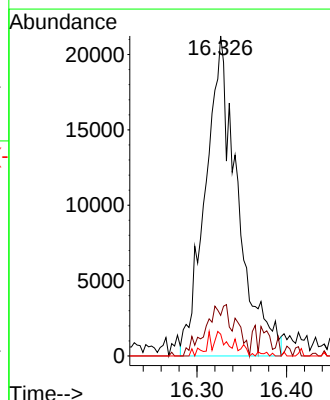
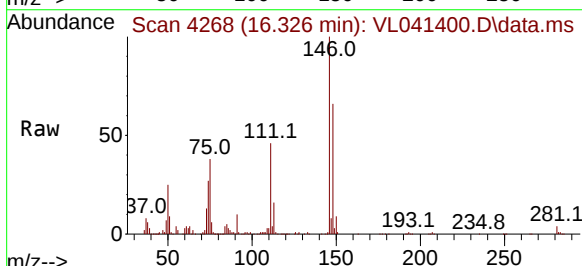
Tgt Ion: 91 Resp: 52950

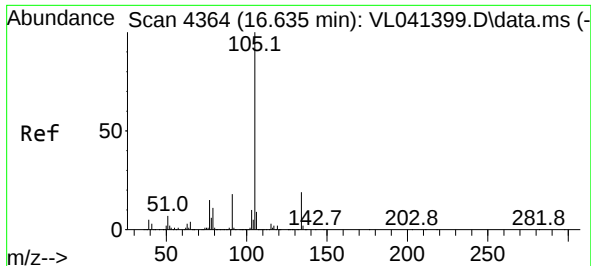
Ion Ratio Lower Upper

91 100

126 15.1 13.8 20.8

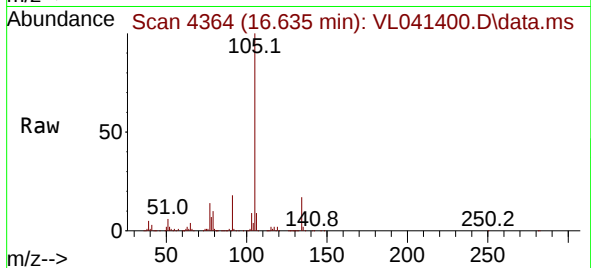
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 1.898 ppbv
 RT: 16.635 min Scan# 4364
 Delta R.T. 0.000 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

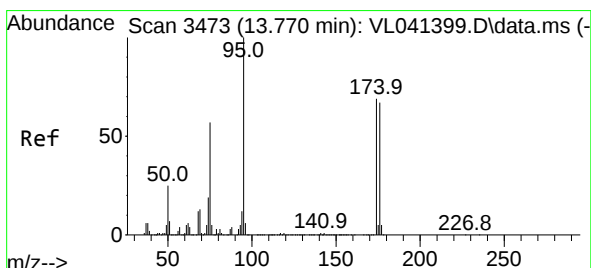
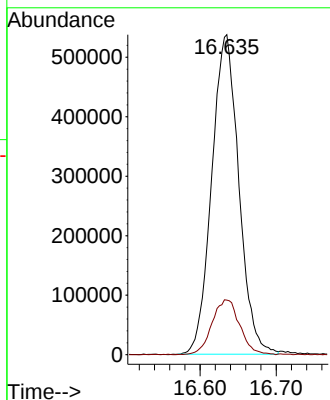
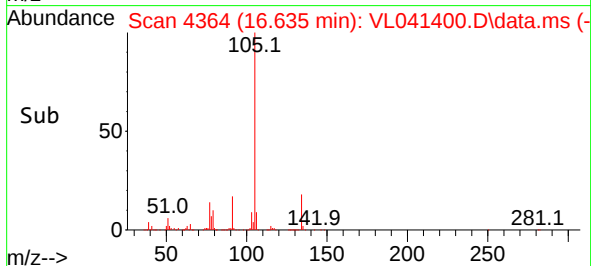
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



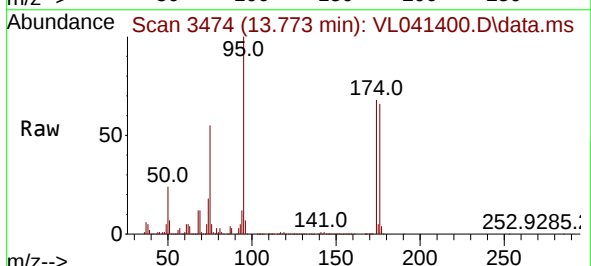
Tgt Ion:105 Resp: 133131
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.5 21.7

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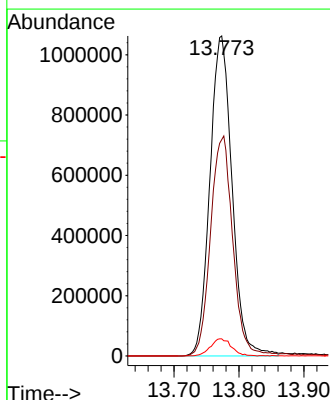
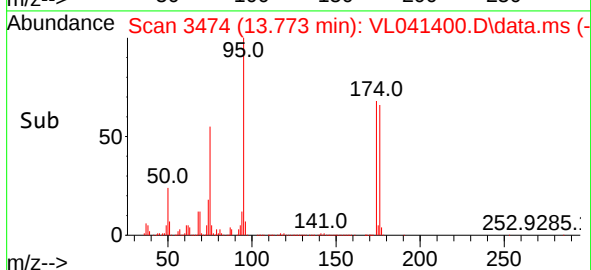
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

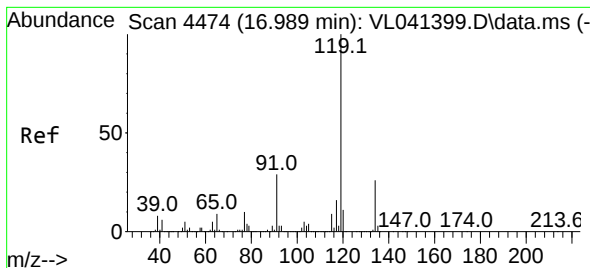


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.190 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40



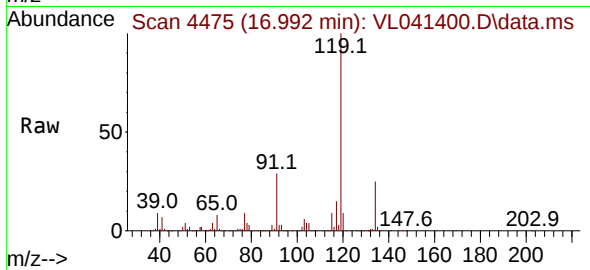
Tgt Ion: 95 Resp: 2521024
 Ion Ratio Lower Upper
 95 100
 174 70.0 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 1.908 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

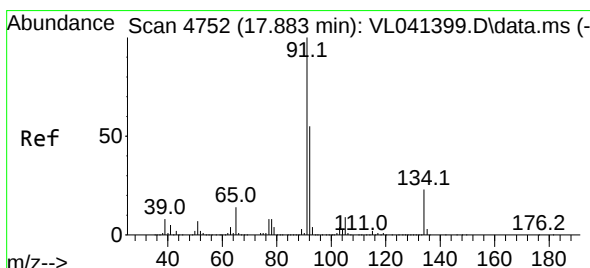
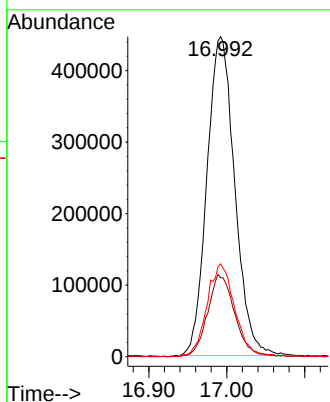
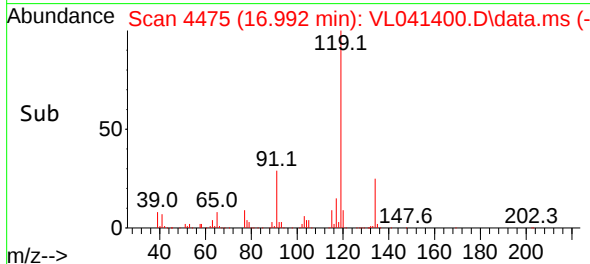
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



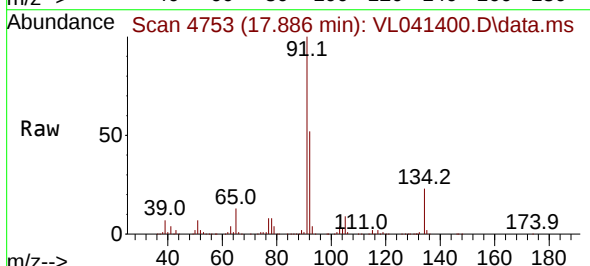
Tgt Ion: 119 Resp: 1105164
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 29.1 23.2 34.8

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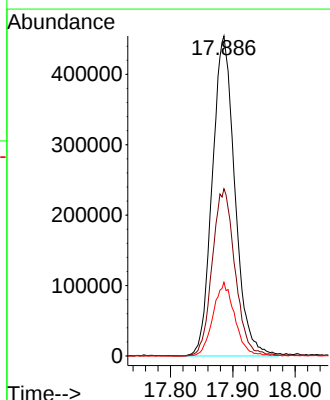
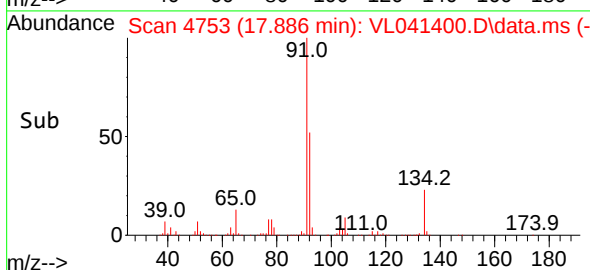
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

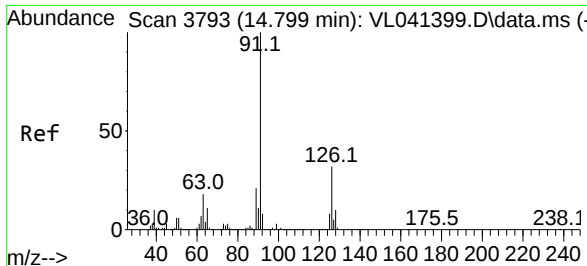


#70
n-Butylbenzene
Concen: 1.931 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



Tgt Ion: 91 Resp: 1142994
Ion Ratio Lower Upper
91 100
92 53.1 43.2 64.8
134 22.2 18.5 27.7





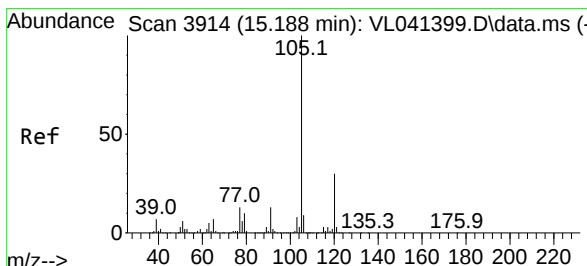
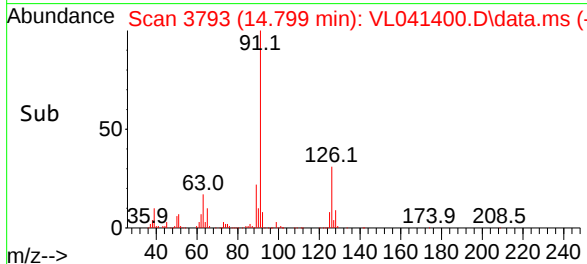
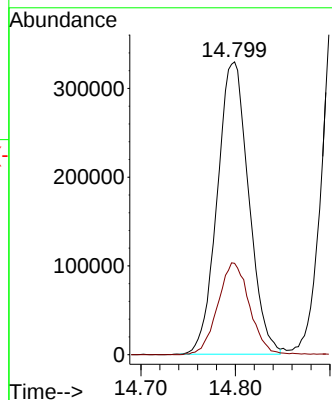
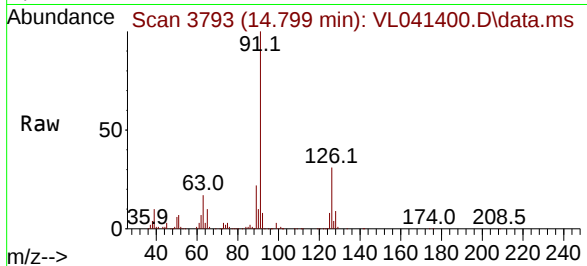
#71
2-Chlorotoluene
Concen: 1.842 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 76200
Ion Ratio Lower Upper
91 100
126 32.2 12.7 50.9

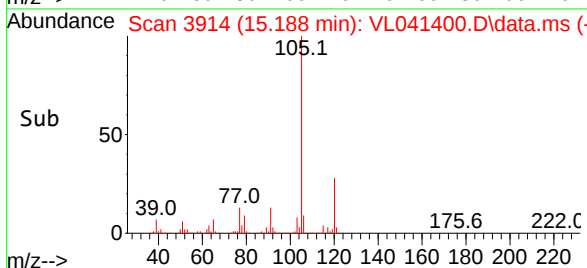
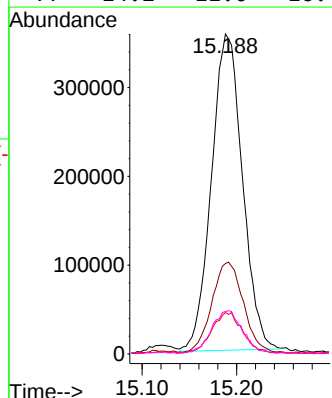
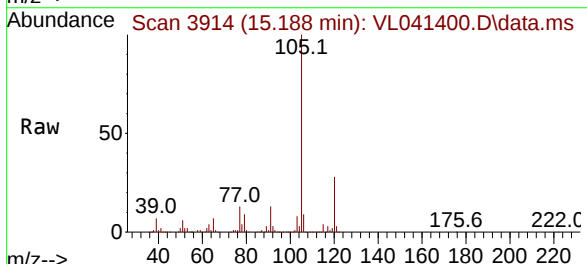
Manual Integrations
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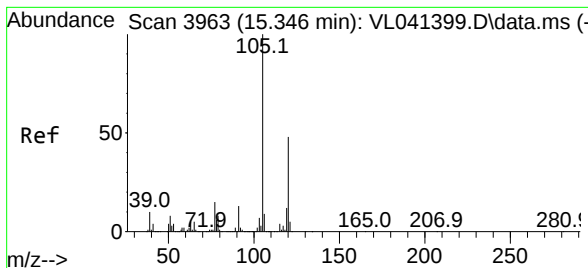
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#72
4-Ethyltoluene
Concen: 1.889 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Tgt Ion:105 Resp: 811504
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 13.1 10.4 15.6
77 14.2 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 1.925 ppbv

RT: 15.349 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 70782

Ion Ratio Lower Upper

105 100

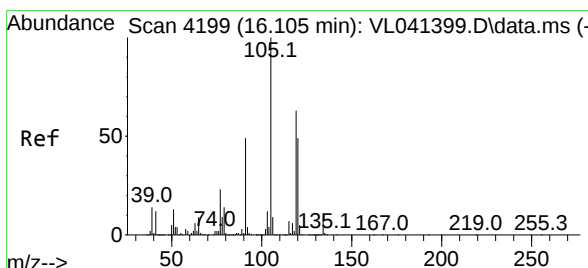
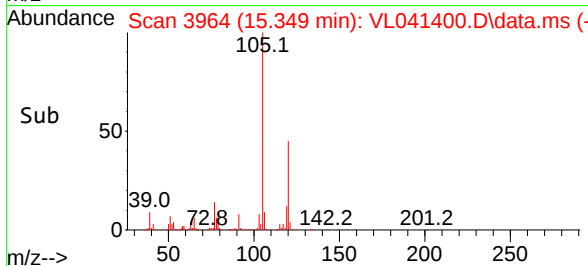
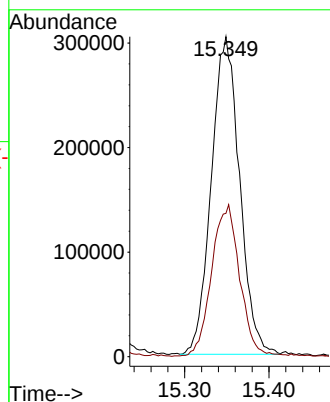
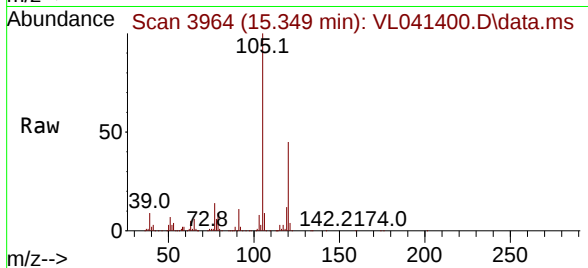
120 44.9 38.6 57.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/29/2024



#74

1,2,4-Trimethylbenzene

Concen: 1.972 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041400.D

Acq: 25 Jul 2024 14:40

Tgt Ion:105 Resp: 817315

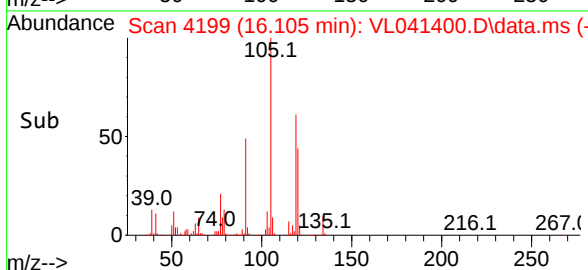
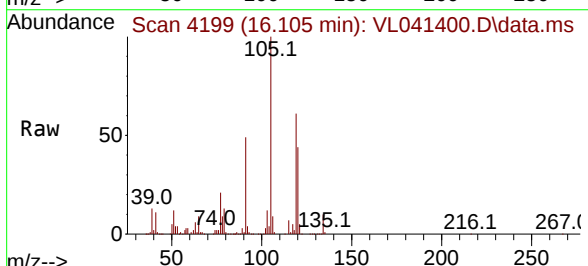
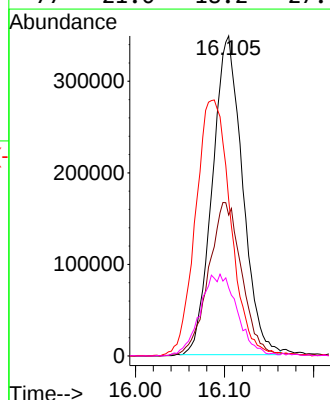
Ion Ratio Lower Upper

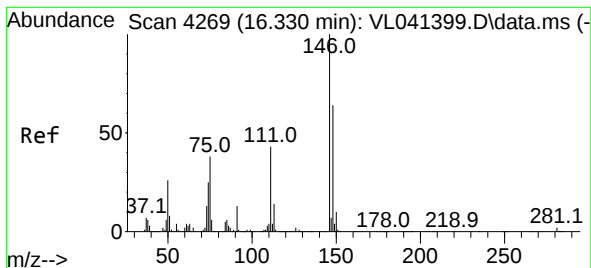
105 100

120 43.2 39.5 59.3

91 48.0 39.8 59.8

77 21.0 18.2 27.4





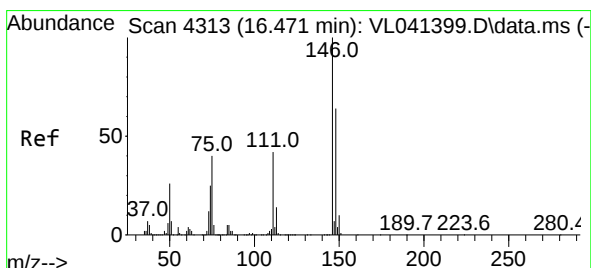
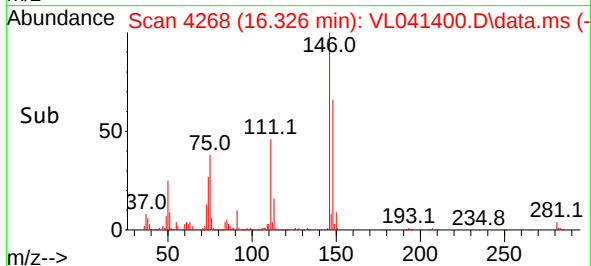
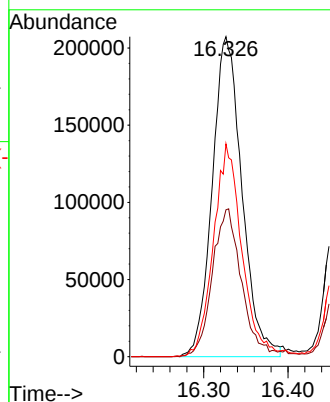
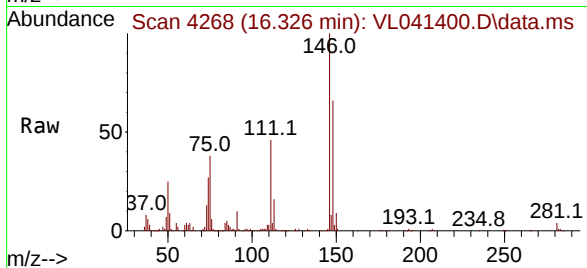
#75
1,3-Dichlorobenzene
Concen: 2.061 ppbv
RT: 16.326 min Scan# 4312
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 506679
Ion Ratio Lower Upper
146 100
111 46.0 22.6 67.8
148 64.1 32.3 96.8

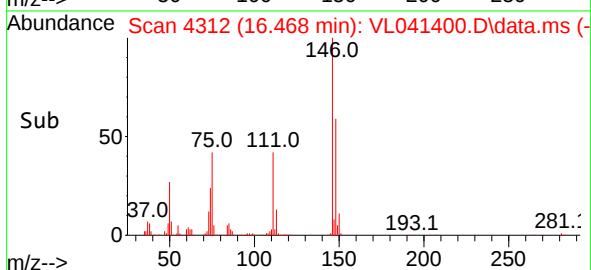
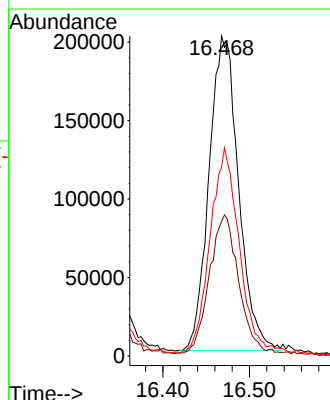
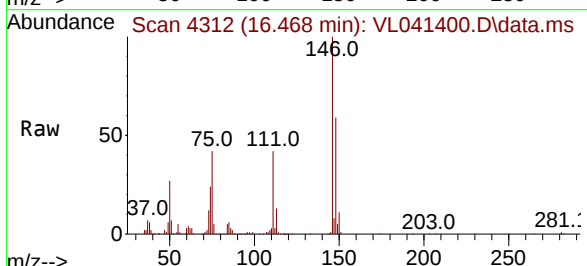
Manual Integrations
APPROVED

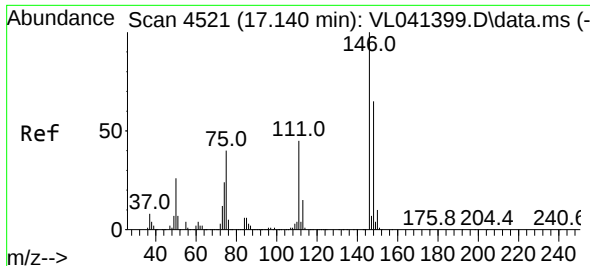
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024



#76
1,4-Dichlorobenzene
Concen: 1.931 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

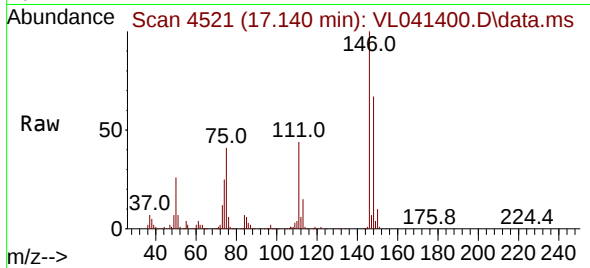
Tgt Ion:146 Resp: 472957
Ion Ratio Lower Upper
146 100
111 47.2 22.4 67.0
148 67.8 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 2.019 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

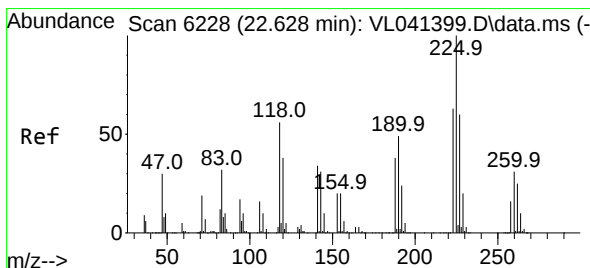
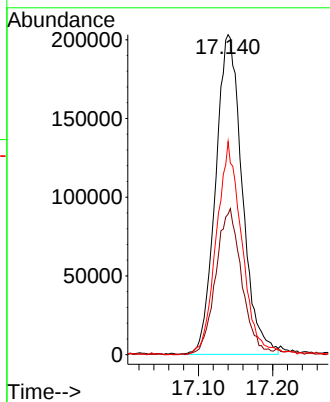
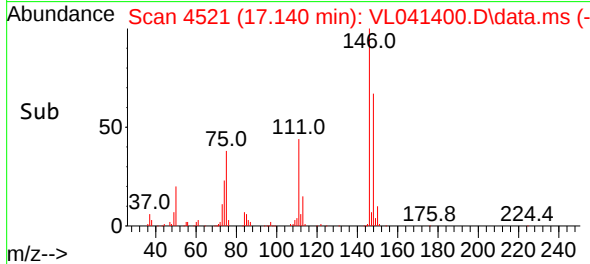
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



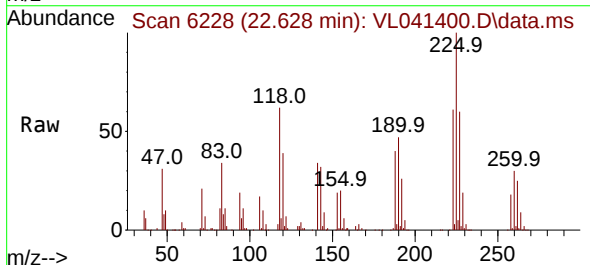
Tgt Ion:146 Resp: 506084
Ion Ratio Lower Upper
146 100
111 45.7 23.4 70.0
148 64.5 32.2 96.6

Manual Integrations
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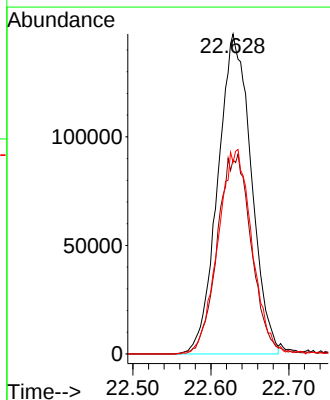
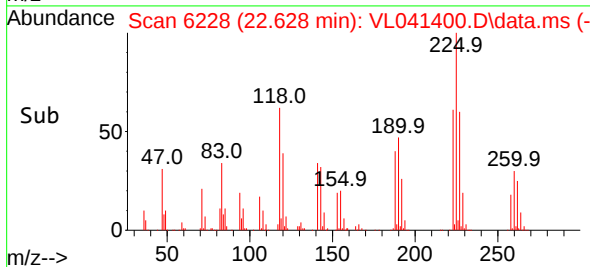
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

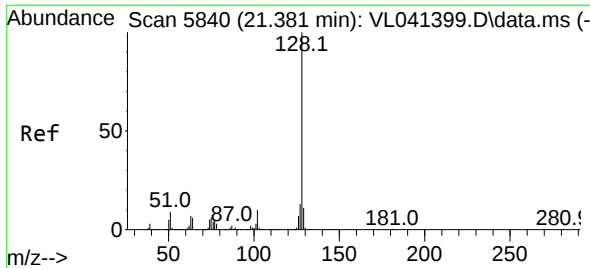


#78
Hexachloro-1,3-Butadiene
Concen: 2.407 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



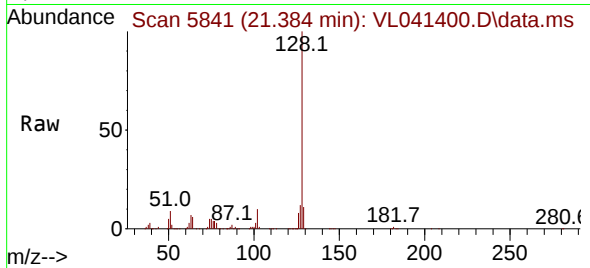
Tgt Ion:225 Resp: 438766
Ion Ratio Lower Upper
225 100
223 64.1 50.6 76.0
227 65.3 50.8 76.2





#79
Naphthalene
Concen: 3.710 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. 0.003 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40

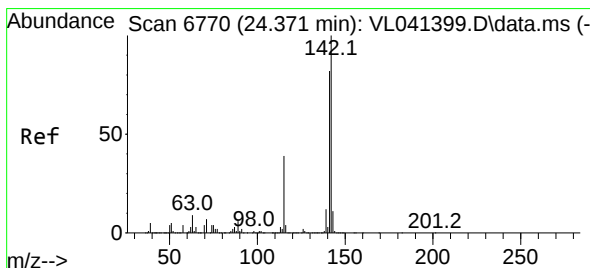
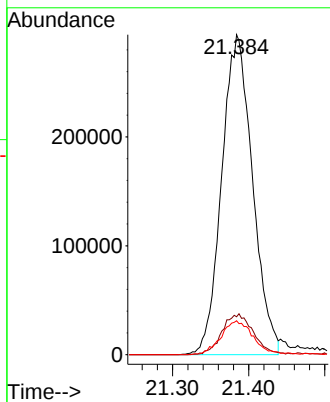
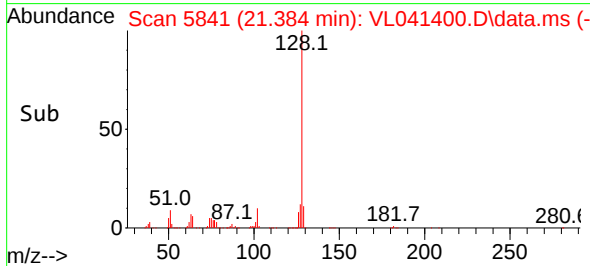
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



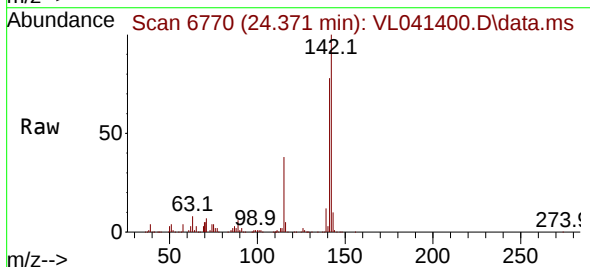
Tgt Ion:128 Resp: 82678
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.6 9.0 13.4

Manual Integrations
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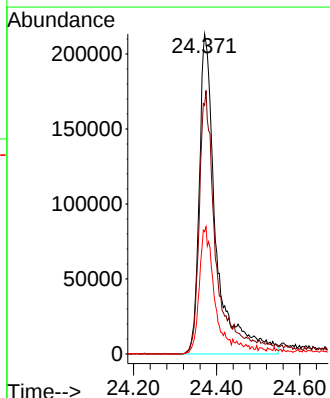
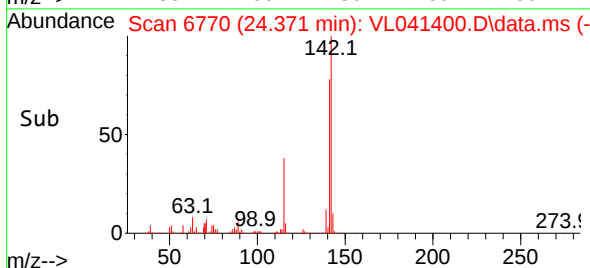
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/29/2024

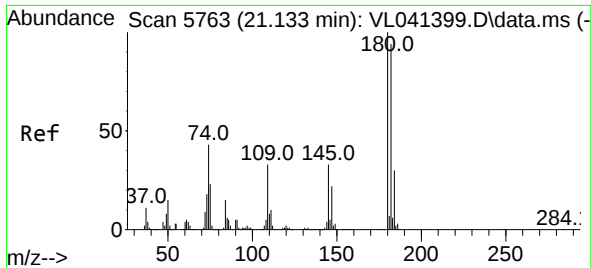


#80
Naphthalene,2-methyl-
Concen: 1025.625 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.000 min
Lab File: VL041400.D
Acq: 25 Jul 2024 14:40



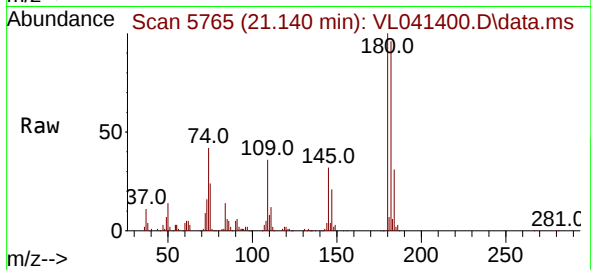
Tgt Ion:142 Resp: 601537
Ion Ratio Lower Upper
142 100
141 83.3 67.0 100.4
115 38.6 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 3.095 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041400.D
 Acq: 25 Jul 2024 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 426225
 Ion Ratio Lower Upper
 180 100
 182 102.2 76.7 115.1
 184 33.1 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/29/2024

