

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039760.D
 Acq On : 24 Oct 2022 15:13
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 16:52:15 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1007742	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2656435	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2343726	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1691131 10.165 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	129110	0.765	ppbv	95
3) Chlorodifluoromethane	2.697	51	125253	0.976	ppbv	97
4) Chloromethane	2.832	50	75322	0.938	ppbv	100
5) Vinyl Chloride	2.938	62	60161	0.954	ppbv	89
6) Bromomethane	3.134	94	23396m	1.002	ppbv	
7) Chloroethane	3.214	64	22670	0.970	ppbv	96
8) Dichlorotetrafluoroethane	2.873	85	150640	0.962	ppbv	99
9) Propene	2.713	41	51211	0.873	ppbv	92
10) Heptane	7.574	43	118442	0.871	ppbv	100
11) Trichlorofluoromethane	3.578	101	147375	0.938	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.082	101	114416	0.905	ppbv	99
13) Ethanol	3.275	45	3730	0.934	ppbv	82
14) Bromoethene	3.385	108	43828	0.911	ppbv	97
15) Acetone	3.491	43	126862	1.043	ppbv	96
16) 1,3-Butadiene	3.002	39	59691m	0.977	ppbv	
17) tert-Butyl alcohol	3.902	59	93213m	0.902	ppbv	
18) 1,1-Dichloroethene	3.896	96	48051	0.886	ppbv	97
19) Isopropyl Alcohol	3.607	45	53939	0.908	ppbv #	86
20) Methylene Chloride	3.944	84	44945	0.919	ppbv	92
21) Allyl Chloride	4.008	41	71763	0.855	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	50591m	0.919	ppbv	
23) Vinyl Acetate	4.635	43	43786	0.853	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	107510	0.918	ppbv #	98
25) Ethyl Acetate	5.217	43	221053	0.907	ppbv #	95
26) Hexane	5.221	57	94770	0.955	ppbv	92
27) Carbon Disulfide	4.140	76	109183	0.878	ppbv #	90
28) Methyl tert-Butyl Ether	4.603	73	82407	0.875	ppbv	99
29) Chloroform	5.275	83	155694	0.978	ppbv	86
30) Cyclohexane	6.610	84	72286m	0.866	ppbv	
31) cis-1,2-Dichloroethene	5.089	61	95388	1.071	ppbv	93
32) 1,1,1-Trichloroethane	6.008	97	139922	1.014	ppbv	98
34) 2-Butanone	4.806	43	121483	0.991	ppbv	97
35) Carbon Tetrachloride	6.491	117	150873	1.096	ppbv	92
36) Benzene	6.378	78	200832m	1.002	ppbv	
37) 1,2-Dichloroethane	5.806	62	109608	1.015	ppbv	99
38) Trichloroethene	7.294	130	107374	0.999	ppbv	99
39) 1,2-Dichloropropane	7.073	63	73410	0.955	ppbv	92
40) 1,4-Dioxane	7.317	88	28944m	0.983	ppbv	
41) Tetrahydrofuran	5.584	42	68216m	0.868	ppbv	
42) Bromodichloromethane	7.249	83	146503	0.988	ppbv	88
43) Methyl Methacrylate	7.484	69	63699	0.883	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	339747	1.000	ppbv	97
45) t-1,3-Dichloropropene	8.709	75	45775m	0.767	ppbv	

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

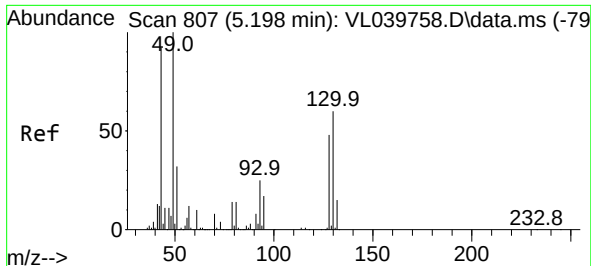
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Sat Oct 22 02:12:34 2022

Response via : Initial Calibration

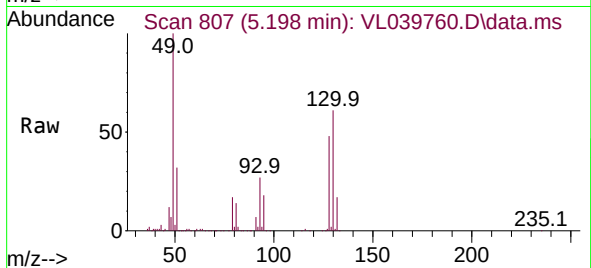
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	71991m	0.851	ppbv	
47) 1,1,2-Trichloroethane	8.892	97	84916m	1.017	ppbv	
48) Dibromochloromethane	9.700	129	127075m	1.009	ppbv	
49) Bromoform	12.397	173	96895	0.955	ppbv	97
50) 4-Methyl-2-Pentanone	8.195	43	169233	0.847	ppbv	99
51) 2-Hexanone	9.571	43	128436m	0.897	ppbv	
52) Tetrachloroethene	10.609	164	72250m	0.998	ppbv	
53) Toluene	9.220	91	192732	0.890	ppbv	98
54) 1,2-Dibromoethane	9.999	107	80326	0.956	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.500	131	100431	1.056	ppbv #	1
57) Chlorobenzene	11.523	112	185426	1.078	ppbv	99
58) Ethyl Benzene	12.088	91	245478	0.907	ppbv	99
59) m/p-Xylene	12.368	91	490921m	2.052	ppbv	
60) o-Xylene	13.053	91	222689	0.973	ppbv	99
61) Styrene	12.892	104	99843m	0.834	ppbv	
62) Isopropylbenzene	14.021	105	346303	1.016	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	94241m	1.077	ppbv	
64) n-propylbenzene	14.912	120	87656m	1.023	ppbv	
65) tert-Butylbenzene	16.082	119	304644	1.020	ppbv	96
66) Benzyl Chloride	16.323	91	18455m	0.884	ppbv	
67) sec-Butylbenzene	16.628	105	426498	1.032	ppbv	99
69) p-Isopropyltoluene	16.985	119	352349	1.058	ppbv	99
70) n-Butylbenzene	17.879	91	328534	1.025	ppbv	97
71) 2-Chlorotoluene	14.796	91	233172	0.961	ppbv	97
72) 4-Ethyltoluene	15.182	105	254452m	0.996	ppbv	
73) 1,3,5-Trimethylbenzene	15.342	105	233408	0.981	ppbv	99
74) 1,2,4-Trimethylbenzene	16.104	105	275038	1.053	ppbv	93
75) 1,3-Dichlorobenzene	16.323	146	165289	1.057	ppbv	98
76) 1,4-Dichlorobenzene	16.465	146	150681	0.986	ppbv	94
77) 1,2-Dichlorobenzene	17.133	146	153855	1.012	ppbv	96
78) Hexachloro-1,3-Butadiene	22.622	225	130163m	1.185	ppbv	
79) Naphthalene	21.374	128	157227	1.028	ppbv #	96
80) Naphthalene,2-methyl-	24.381	142	38331	0.839	ppbv	95
81) 1,2,4-Trichlorobenzene	21.127	180	100729	0.983	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
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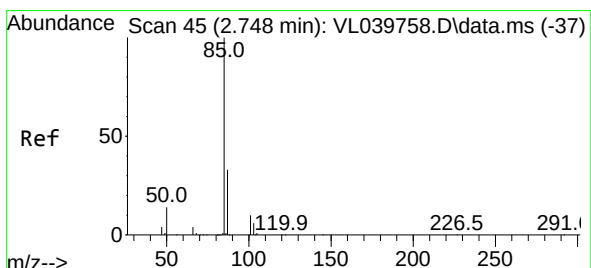
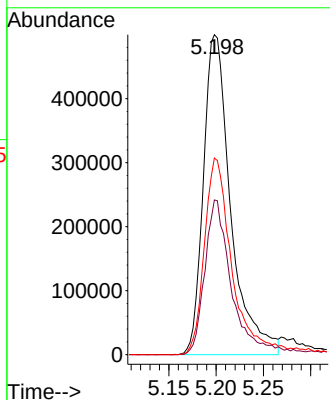
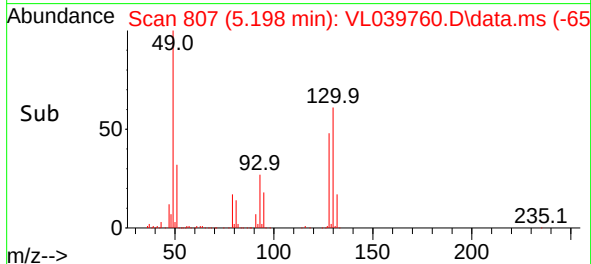
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



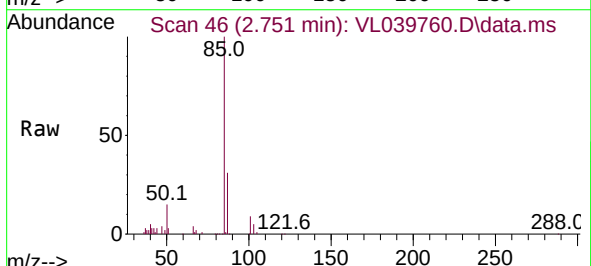
Tgt Ion: 49 Resp: 100774
Ion Ratio Lower Upper
49 100
128 49.3 22.6 67.8
130 64.7 29.0 87.0

Manual Integrations
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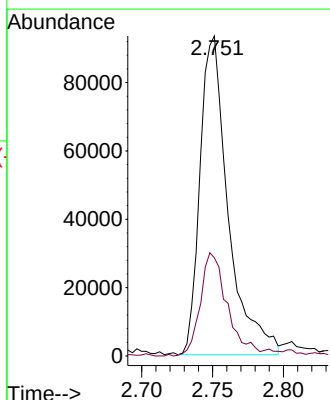
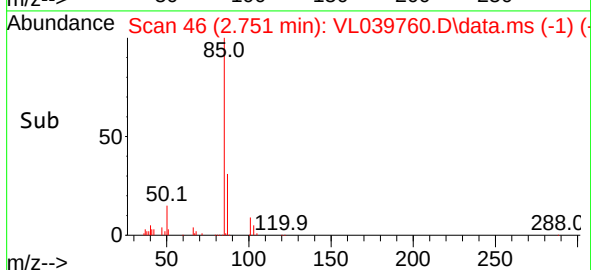
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

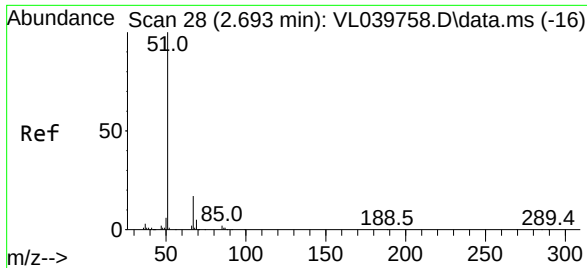


#2
Dichlorodifluoromethane
Concen: 0.765 ppbv
RT: 2.751 min Scan# 46
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



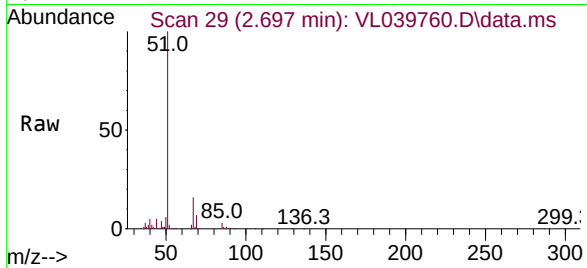
Tgt Ion: 85 Resp: 129110
Ion Ratio Lower Upper
85 100
87 30.6 26.6 40.0





#3
Chlorodifluoromethane
Concen: 0.976 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

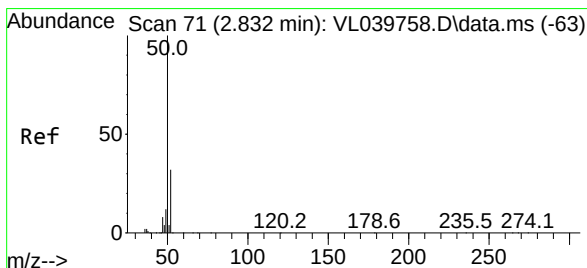
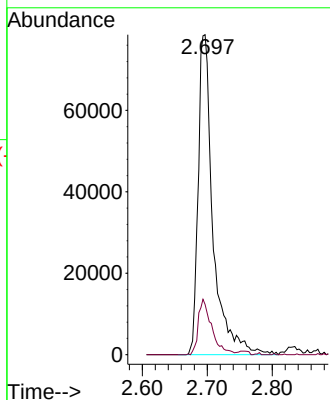
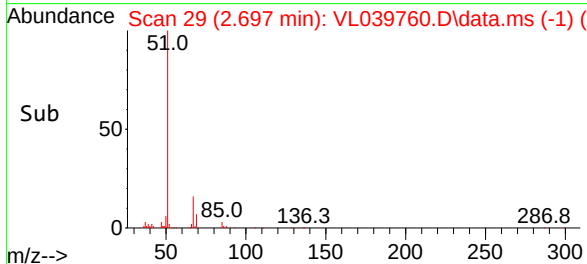
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



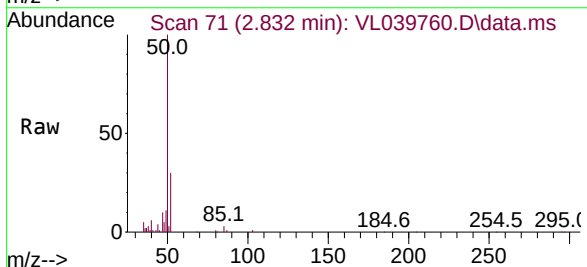
Tgt Ion: 51 Resp: 12525
Ion Ratio Lower Upper
51 100
67 16.7 14.6 21.8

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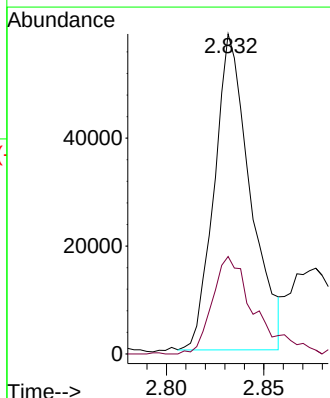
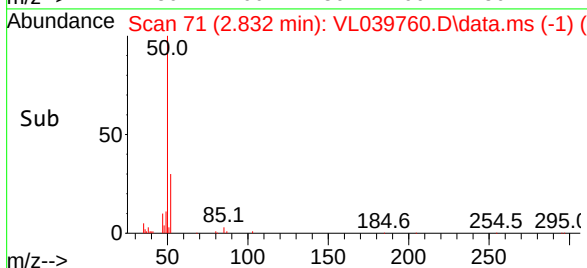
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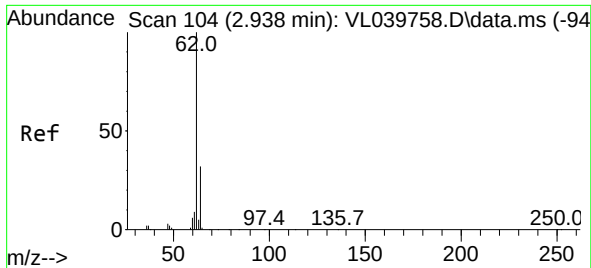


#4
Chloromethane
Concen: 0.938 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



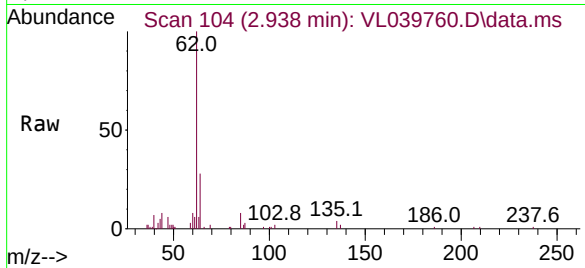
Tgt Ion: 50 Resp: 75322
Ion Ratio Lower Upper
50 100
52 30.8 24.8 37.2





#5
 Vinyl Chloride
 Concen: 0.954 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

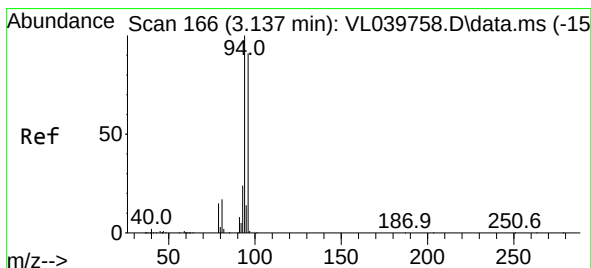
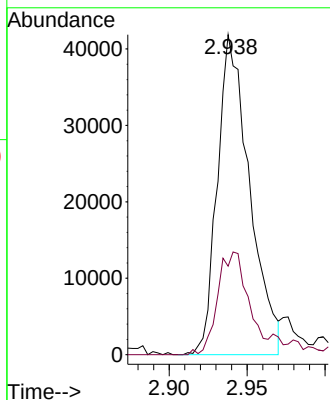
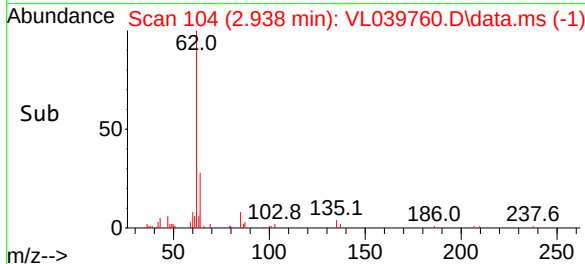
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



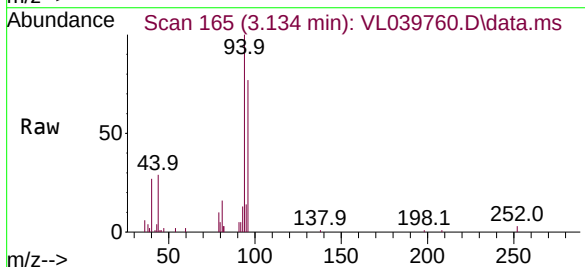
Tgt Ion: 62 Resp: 6016
 Ion Ratio Lower Upper
 62 100
 64 27.7 27.1 40.7

Manual Integrations
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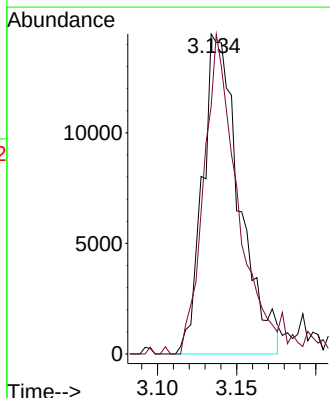
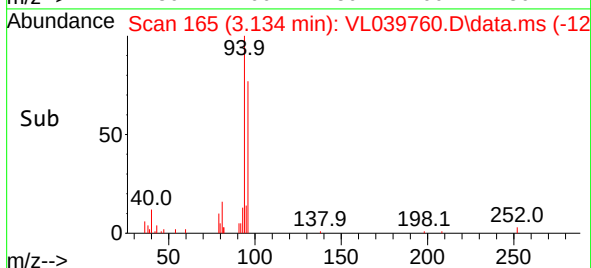
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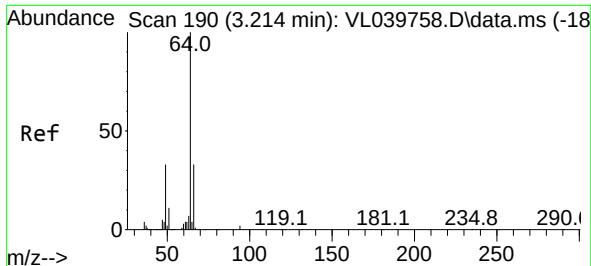


#6
 Bromomethane
 Concen: 1.002 ppbv m
 RT: 3.134 min Scan# 165
 Delta R.T. -0.006 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13



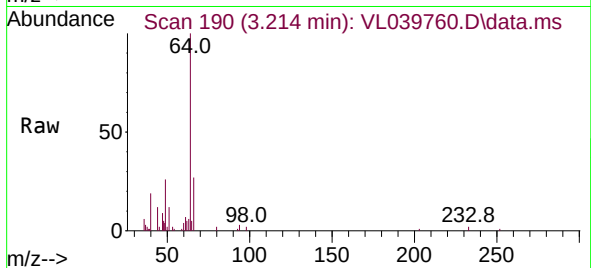
Tgt Ion: 94 Resp: 23396
 Ion Ratio Lower Upper
 94 100
 96 77.4 70.5 105.7





#7
Chloroethane
Concen: 0.970 ppbv
RT: 3.214 min Scan# 190
Delta R.T. -0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

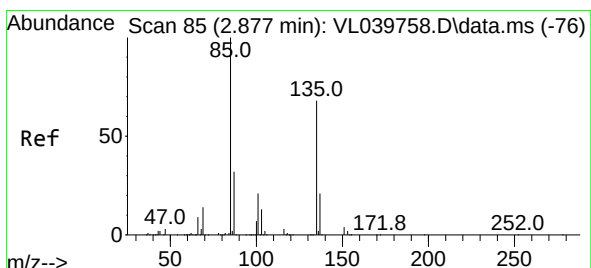
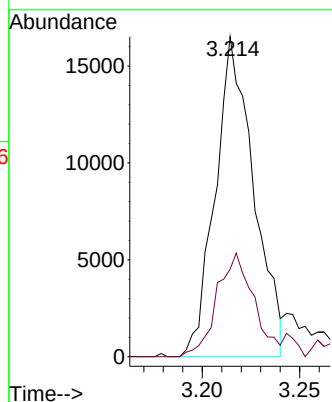
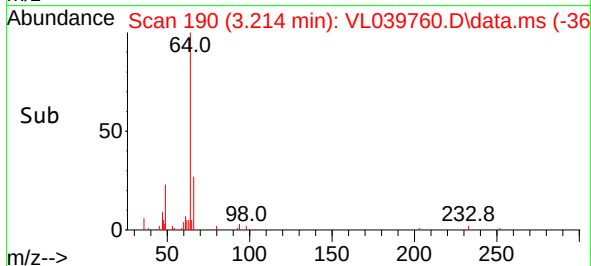
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



Tgt Ion: 64 Resp: 22670
Ion Ratio Lower Upper
64 100
66 26.0 22.6 34.0

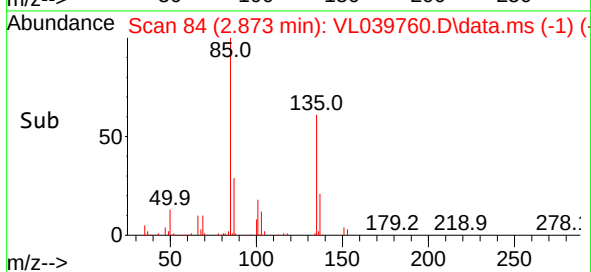
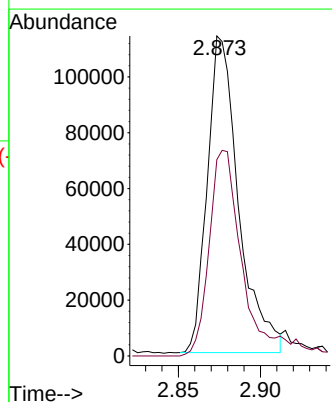
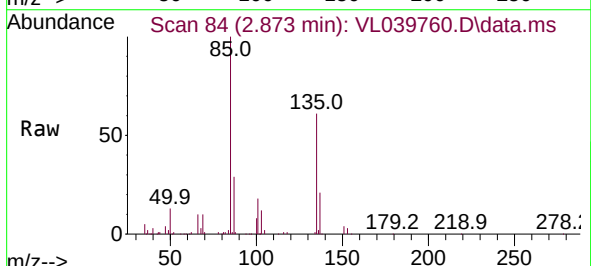
Manual Integrations
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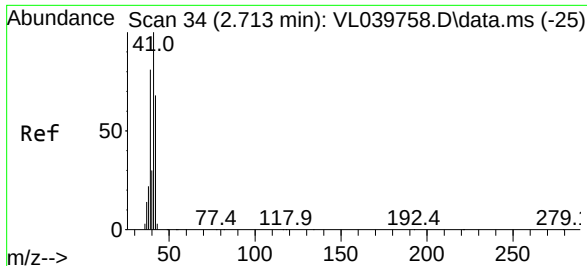
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 0.962 ppbv
RT: 2.873 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

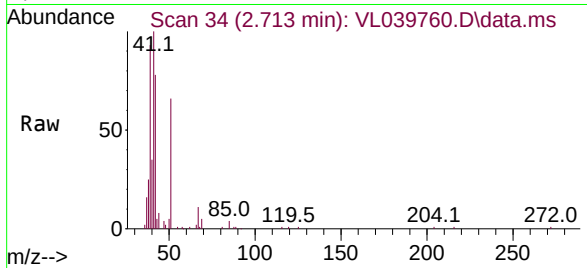
Tgt Ion: 85 Resp: 150640
Ion Ratio Lower Upper
85 100
135 70.7 56.1 84.1





#9
 Propene
 Concen: 0.873 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

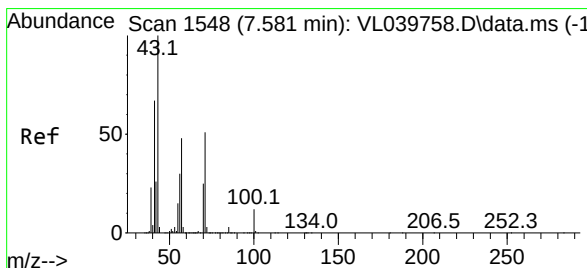
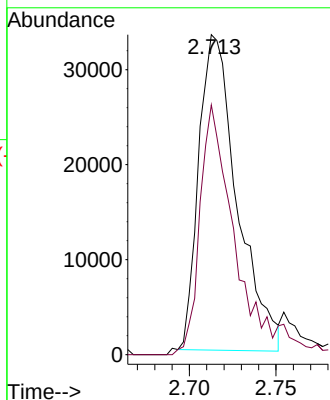
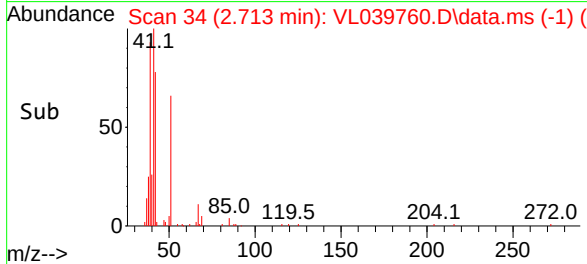
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



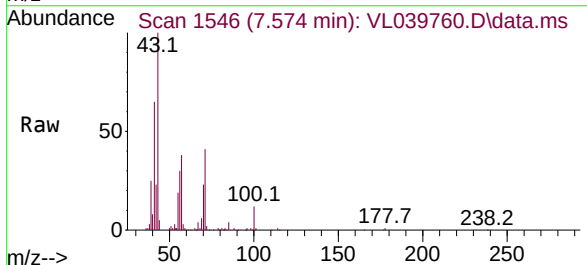
Tgt Ion: 41 Resp: 5121
 Ion Ratio Lower Upper
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 42 74.8 54.4 81.6

Manual Integrations
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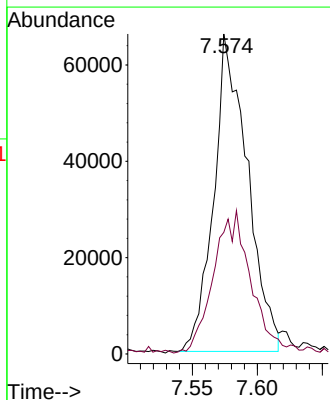
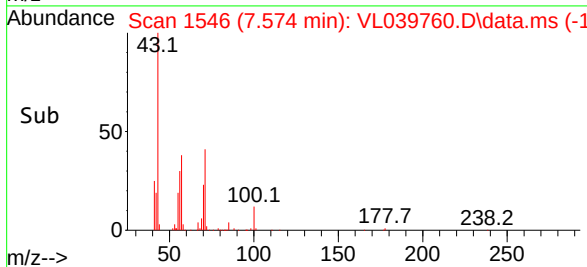
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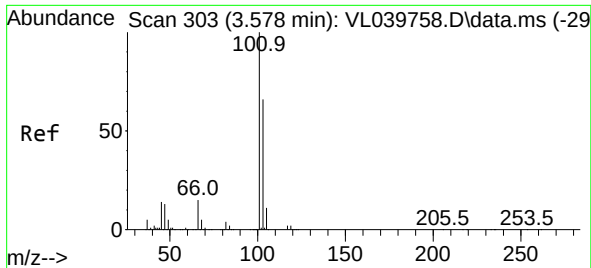


#10
 Heptane
 Concen: 0.871 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.003 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13



Tgt Ion: 43 Resp: 118442
 Ion Ratio Lower Upper
 43 100
 57 49.8 40.0 60.0





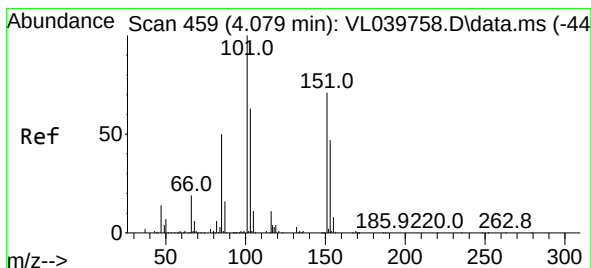
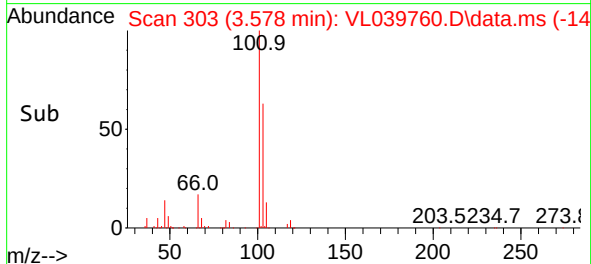
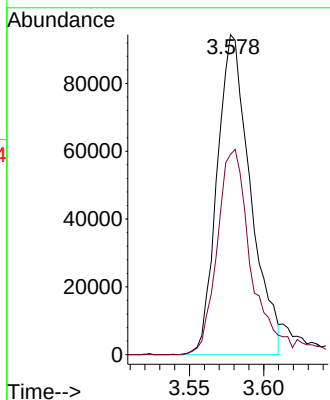
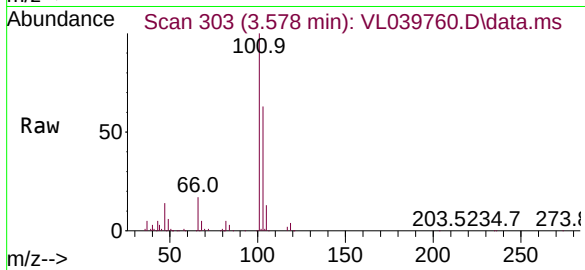
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Trichlorofluoromethane
Concen: 0.938 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 147375
Ion Ratio Lower Upper
101 100
103 62.6 53.2 79.8

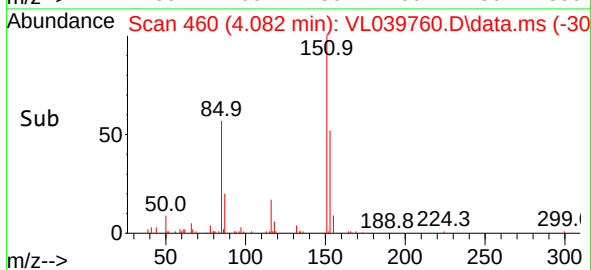
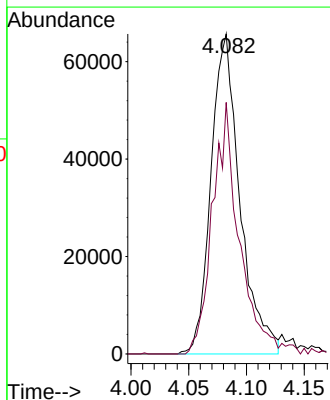
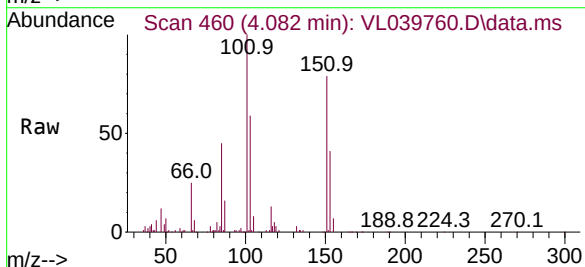
Manual Integrations
APPROVED

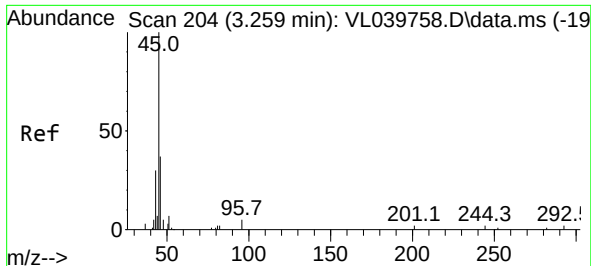
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.905 ppbv
RT: 4.082 min Scan# 460
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

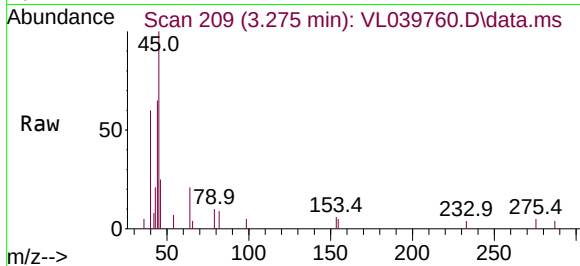
Tgt Ion:101 Resp: 114416
Ion Ratio Lower Upper
101 100
151 73.7 58.0 87.0





#13
Ethanol
Concen: 0.934 ppbv
RT: 3.275 min Scan# 204
Delta R.T. 0.013 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

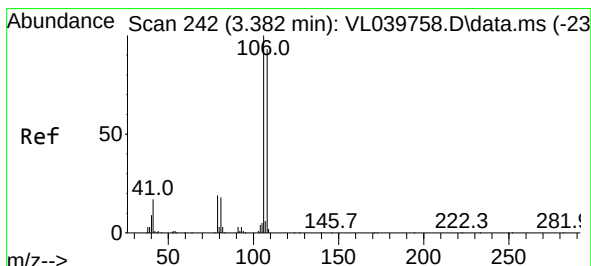
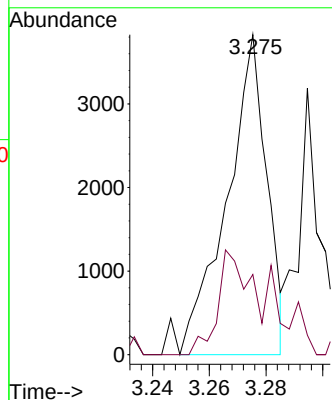
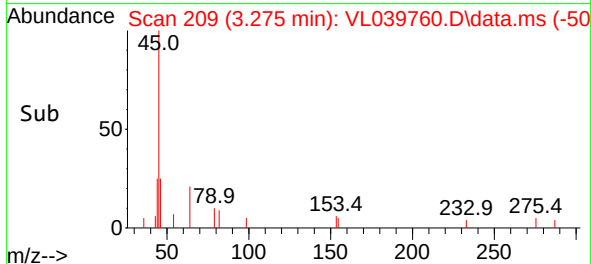
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



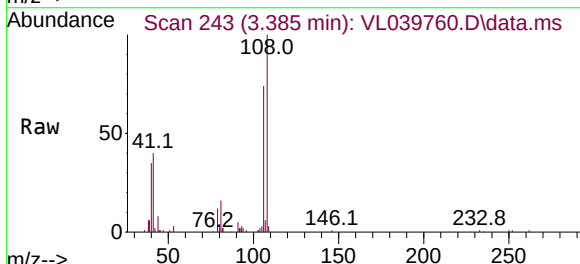
Tgt Ion: 45 Resp: 3730
Ion Ratio Lower Upper
45 100
46 47.8 14.8 59.2

Manual Integrations
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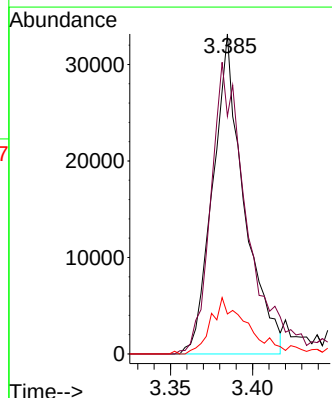
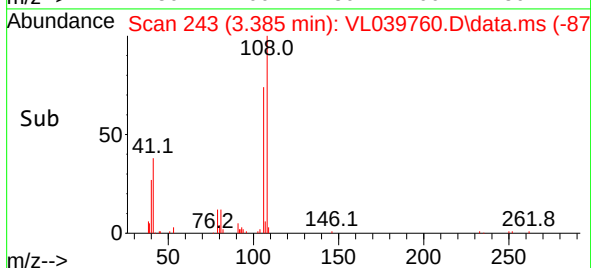
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

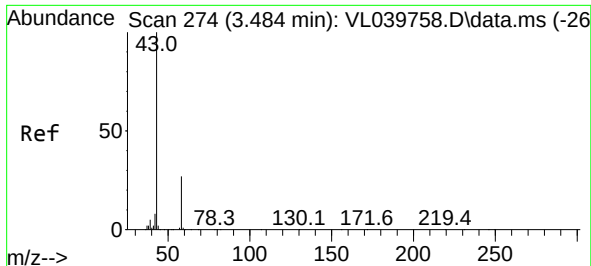


#14
Bromoethene
Concen: 0.911 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



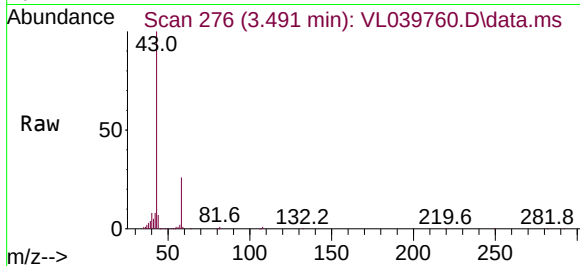
Tgt Ion:108 Resp: 43828
Ion Ratio Lower Upper
108 100
106 109.7 90.2 135.4
79 21.6 16.2 24.2





#15
Acetone
Concen: 1.043 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

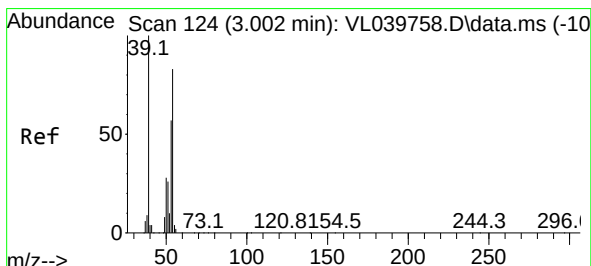
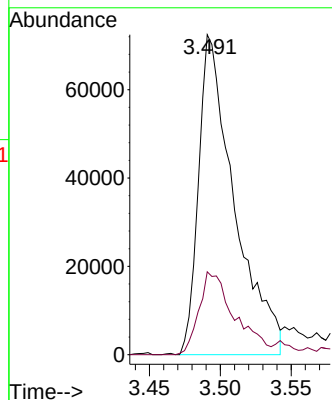
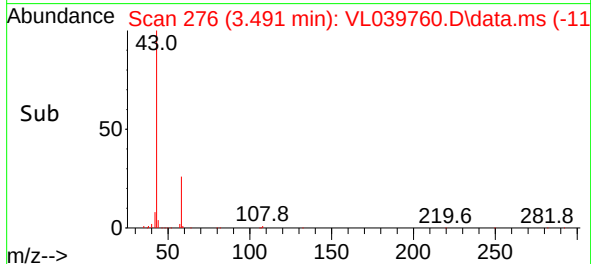
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



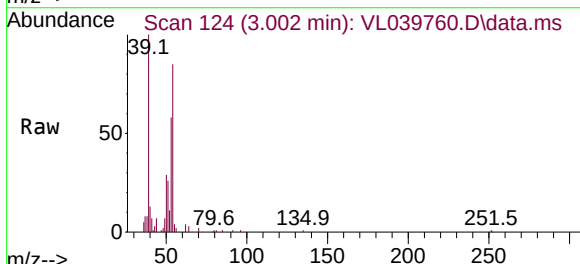
Tgt Ion: 43 Resp: 126862
Ion Ratio Lower Upper
43 100
58 28.4 20.9 31.3

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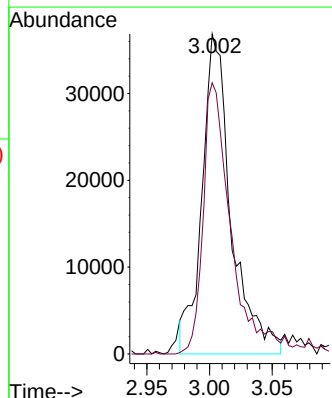
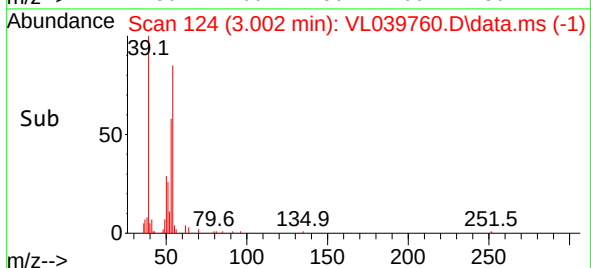
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

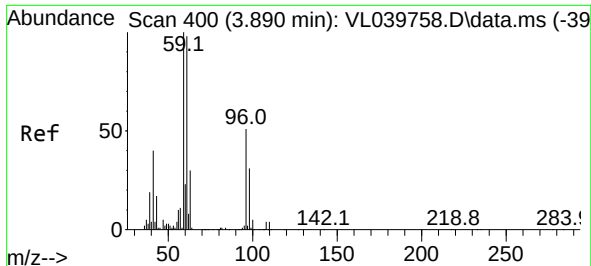


#16
1,3-Butadiene
Concen: 0.977 ppbv m
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion: 39 Resp: 59691
Ion Ratio Lower Upper
39 100
54 84.9 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.902 ppbv m

RT: 3.902 min Scan# 400

Delta R.T. 0.013 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 9321

Ion Ratio Lower Upper

59 100

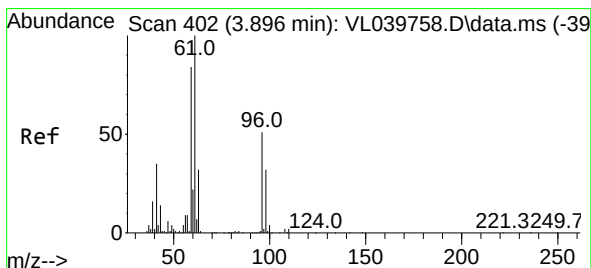
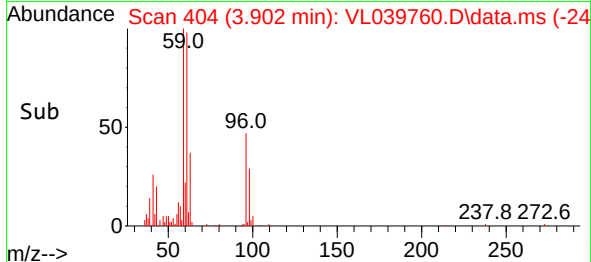
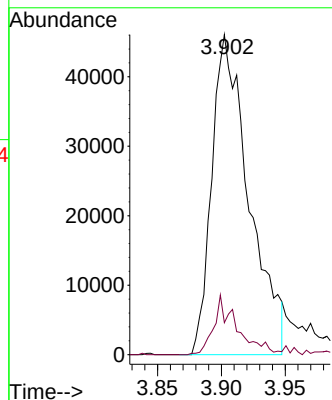
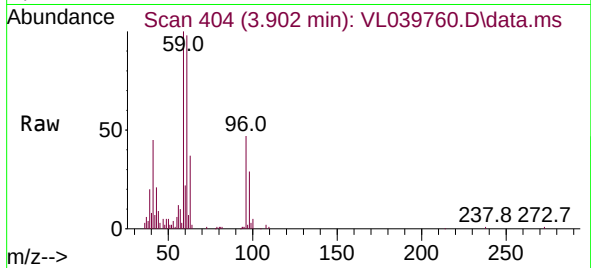
57 12.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 0.886 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.003 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

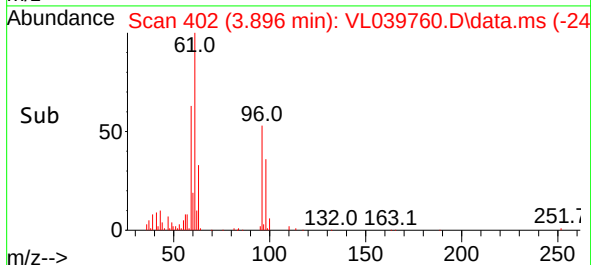
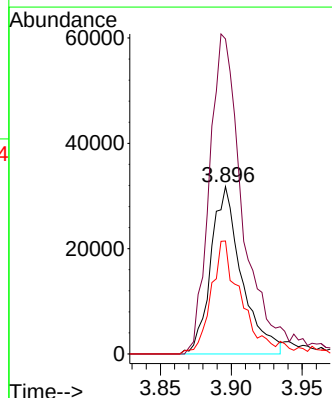
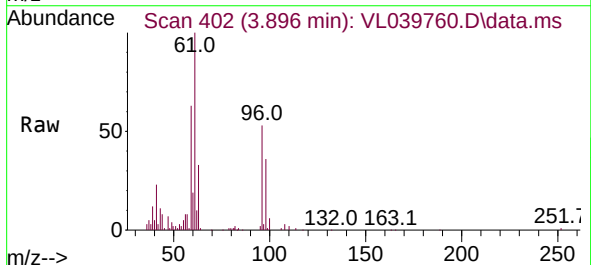
Tgt Ion: 96 Resp: 48051

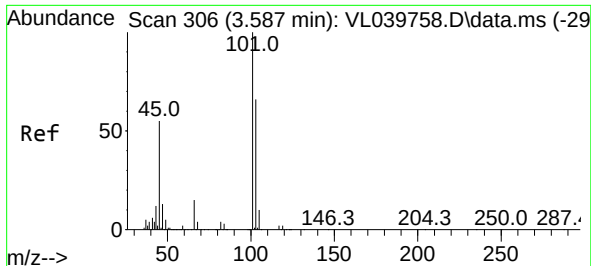
Ion Ratio Lower Upper

96 100

61 188.2 152.7 229.1

98 67.5 50.2 75.2





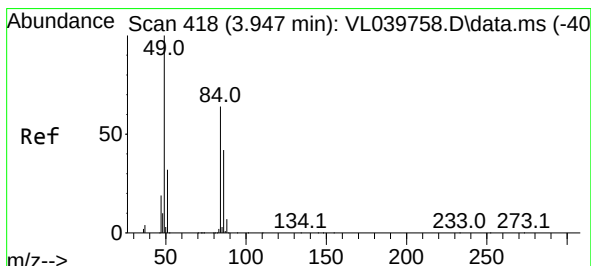
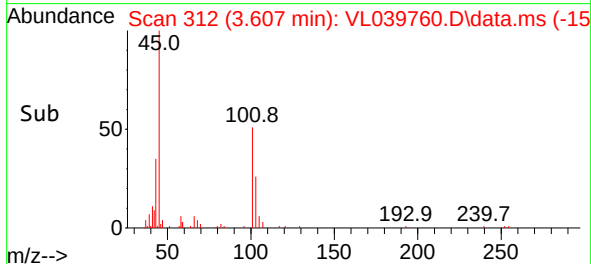
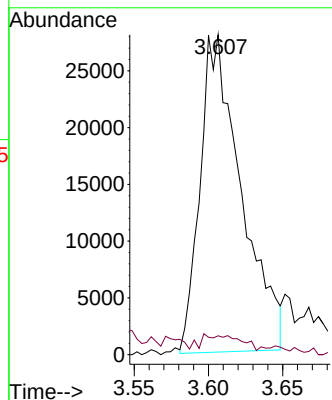
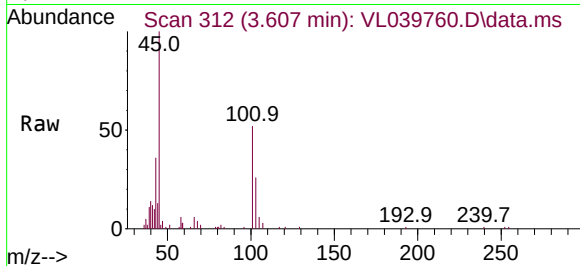
#19
Isopropyl Alcohol
Concen: 0.908 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.016 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 53939
Ion Ratio Lower Upper
45 100
58 8.8 3.3 4.9

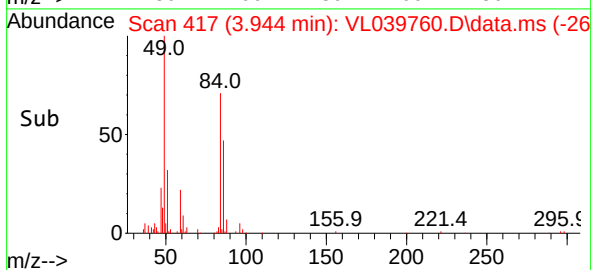
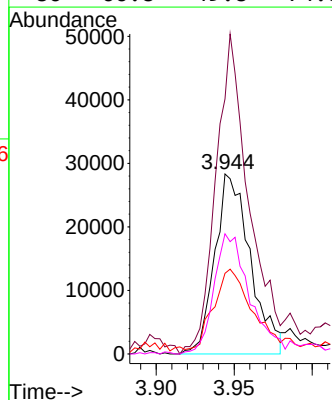
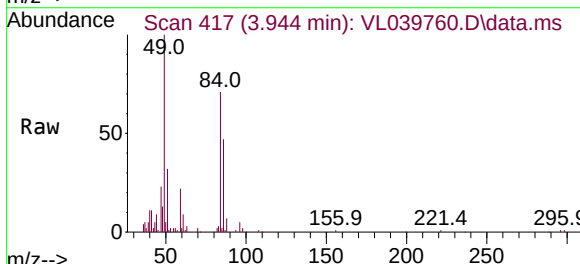
Manual Integrations
APPROVED

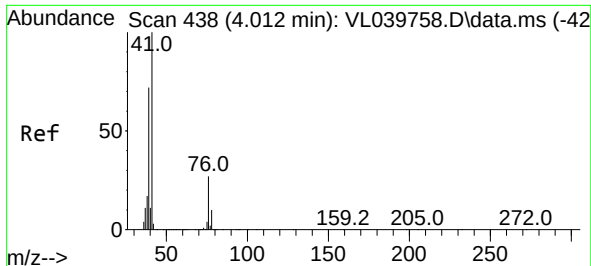
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 0.919 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

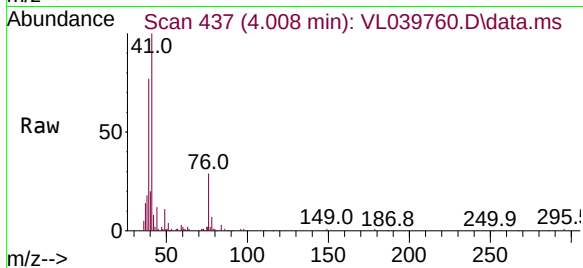
Tgt Ion: 84 Resp: 44945
Ion Ratio Lower Upper
84 100
49 141.7 124.2 186.4
51 42.2 36.6 54.8
86 66.8 49.8 74.8





#21
 Allyl Chloride
 Concen: 0.855 ppbv
 RT: 4.008 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

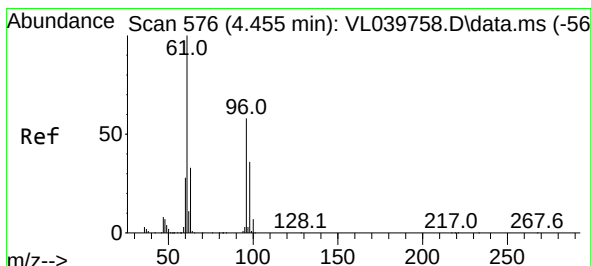
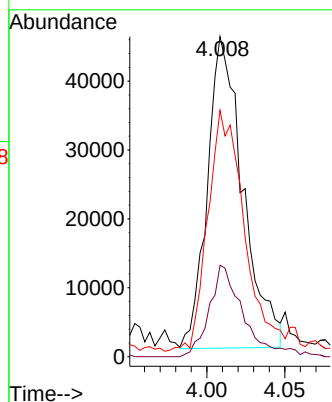
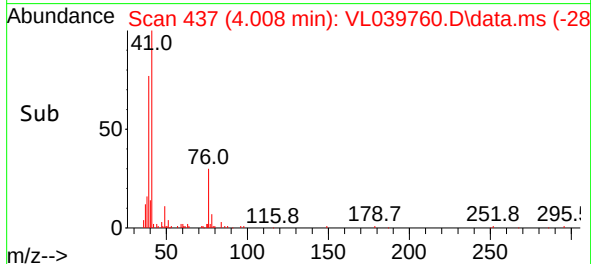
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



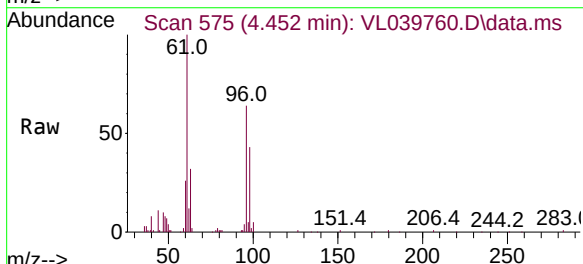
Tgt Ion: 41 Resp: 7176
 Ion Ratio Lower Upper
 41 100
 76 28.4 23.5 35.3
 39 89.5 67.4 101.2

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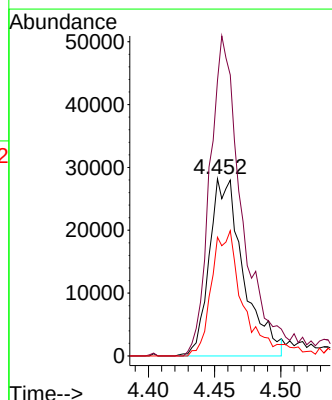
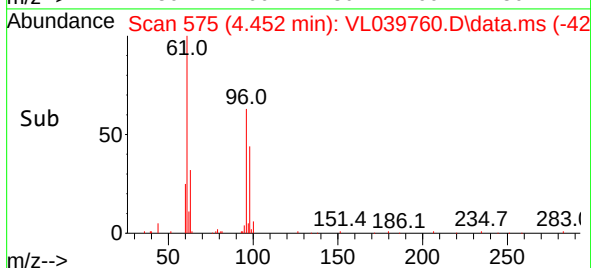
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022

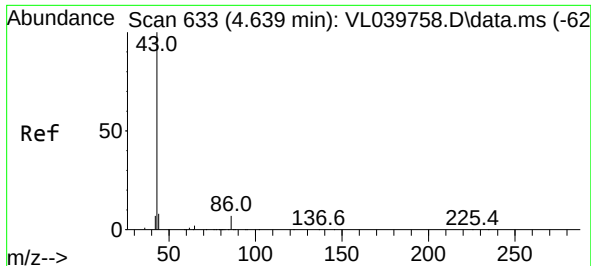


#22
 trans-1,2-Dichloroethene
 Concen: 0.919 ppbv m
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13



Tgt Ion: 96 Resp: 50591
 Ion Ratio Lower Upper
 96 100
 61 155.4 132.9 199.3
 98 67.1 51.6 77.4





#23
 Vinyl Acetate
 Concen: 0.853 ppbv
 RT: 4.635 min Scan# 613
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

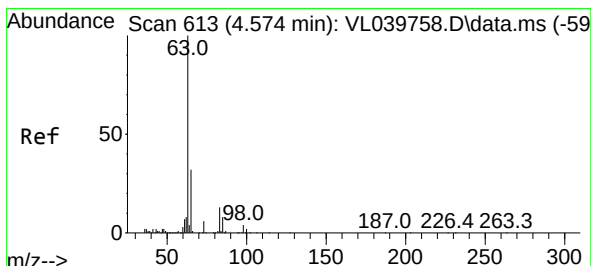
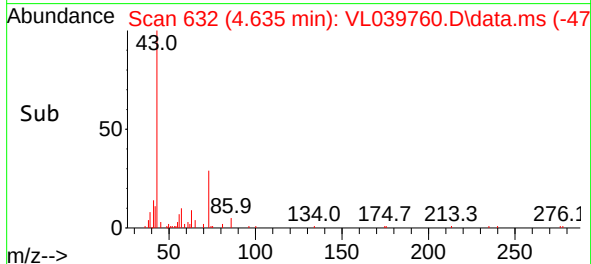
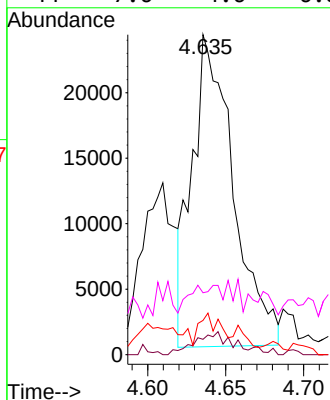
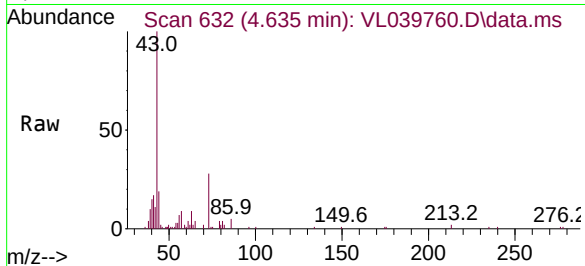
VSTDICC001

Tgt Ion: 43 Resp: 43780
 Ion Ratio Lower Upper
 43 100
 86 5.3 4.3 6.5
 42 8.0 7.9 11.9
 44 7.6 4.6 6.8#

Manual Integrations

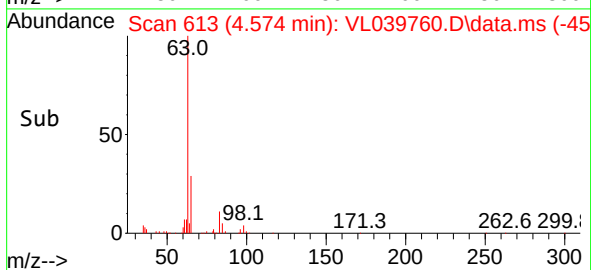
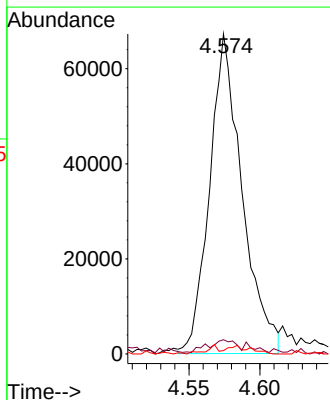
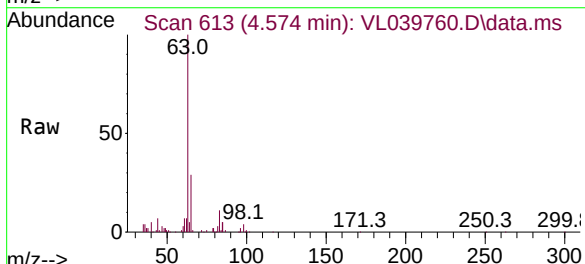
APPROVED

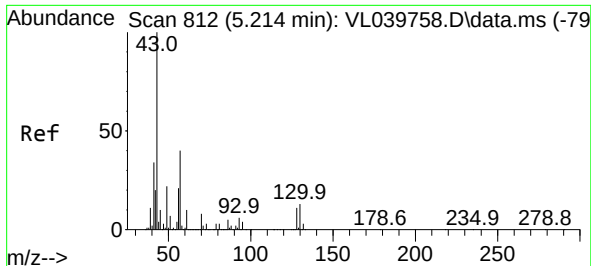
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 0.918 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

Tgt Ion: 63 Resp: 107510
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.1 6.5
 100 1.1 1.2 3.6#





#25

Ethyl Acetate

Concen: 0.907 ppbv

RT: 5.217 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 22105

Ion Ratio Lower Upper

43 100

45 11.8 8.1 12.1

61 11.5 7.5 11.3

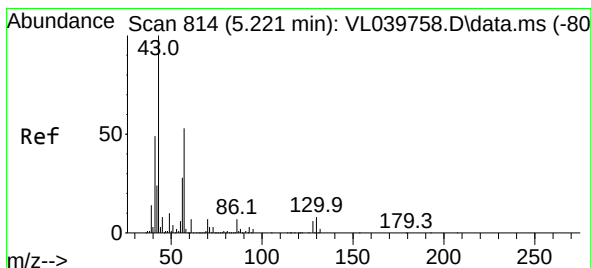
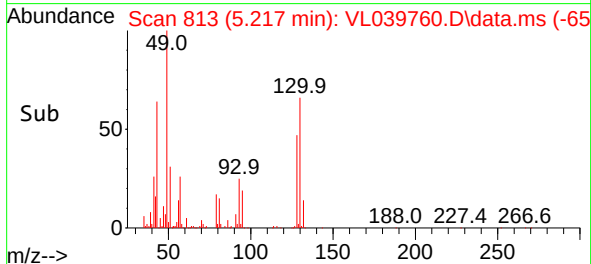
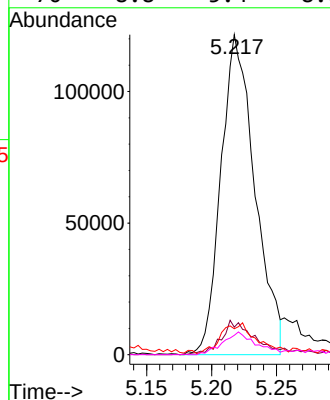
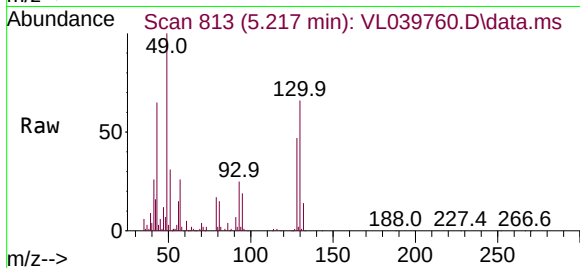
70 8.8 5.4 8.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#26

Hexane

Concen: 0.955 ppbv

RT: 5.221 min Scan# 814

Delta R.T. -0.000 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Tgt Ion: 57 Resp: 94770

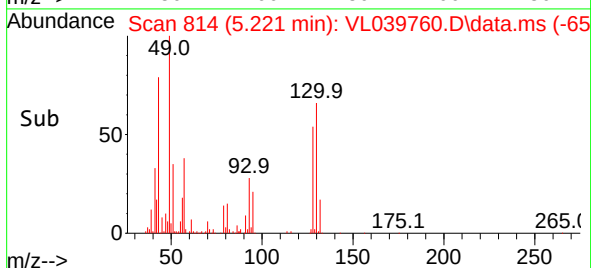
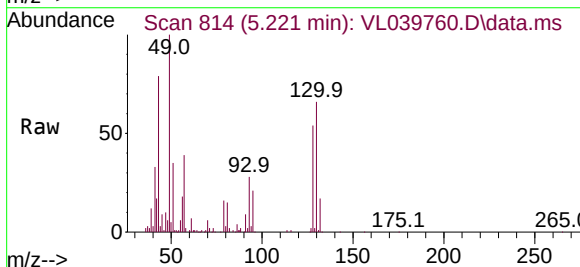
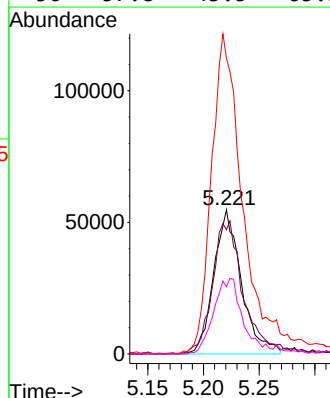
Ion Ratio Lower Upper

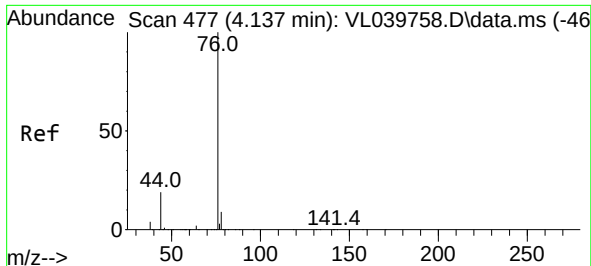
57 100

41 106.3 76.8 115.2

43 265.0 201.0 301.4

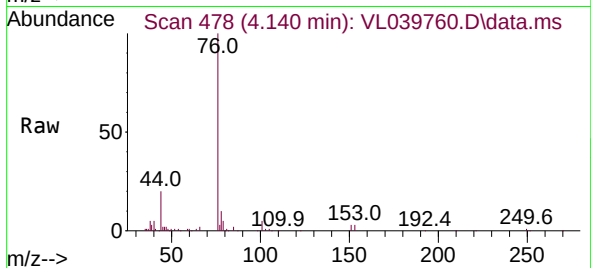
56 57.8 43.5 65.3





#27
Carbon Disulfide
Concen: 0.878 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

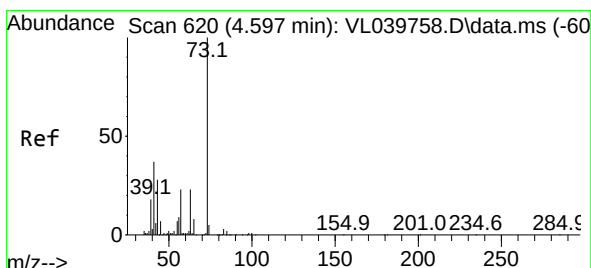
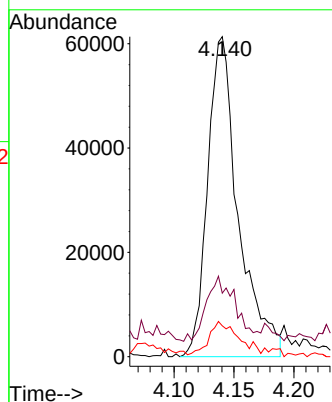
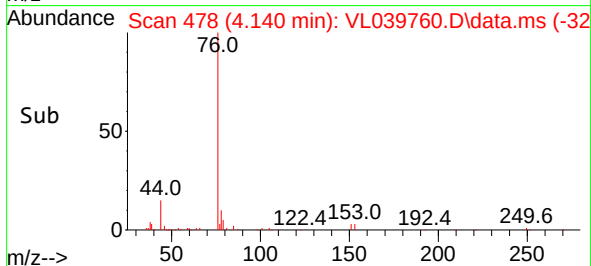
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



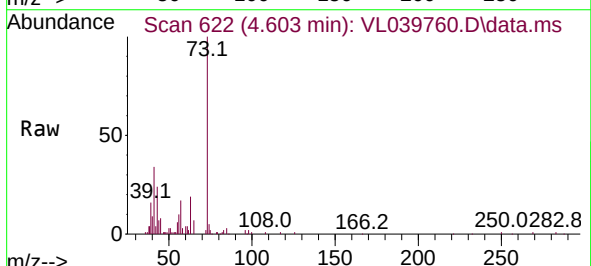
Tgt Ion: 76 Resp: 10918
Ion Ratio Lower Upper
76 100
44 22.7 14.5 21.7
78 13.1 8.1 12.1

Manual Integrations
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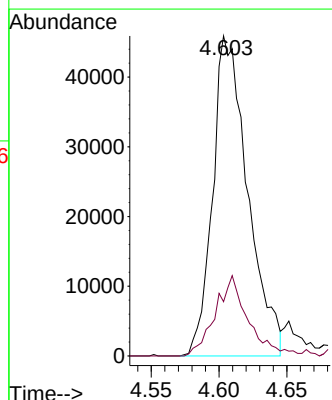
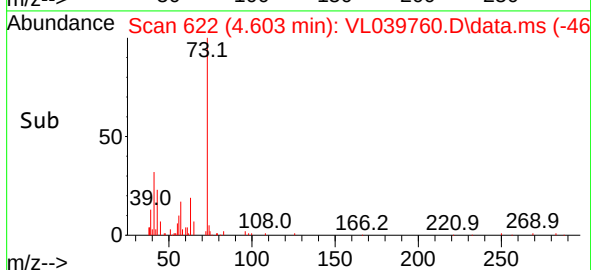
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

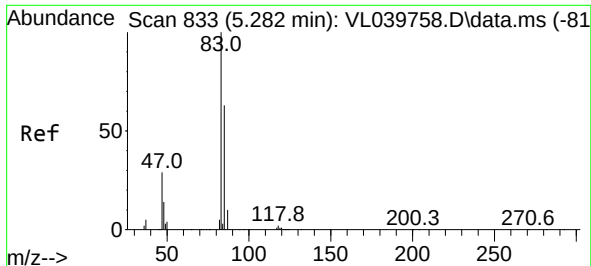


#28
Methyl tert-Butyl Ether
Concen: 0.875 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.006 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion: 73 Resp: 82407
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.2





#29

Chloroform

Concen: 0.978 ppbv

RT: 5.275 min Scan# 831

Delta R.T. -0.006 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 155694

Ion Ratio Lower Upper

83 100

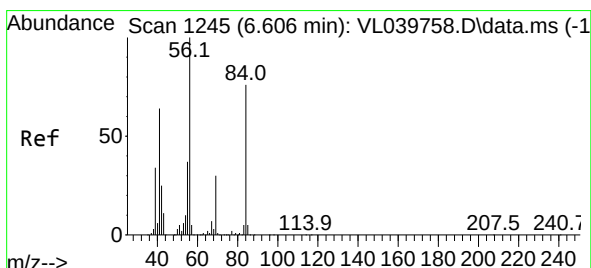
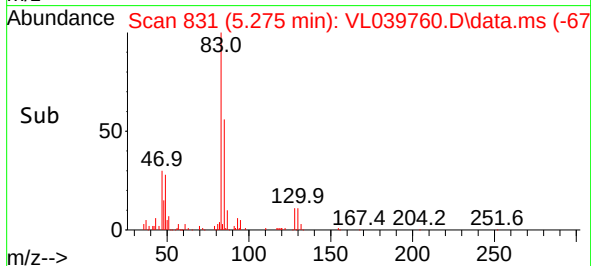
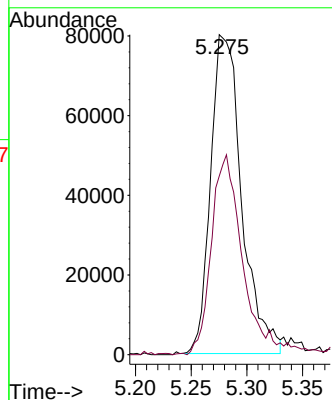
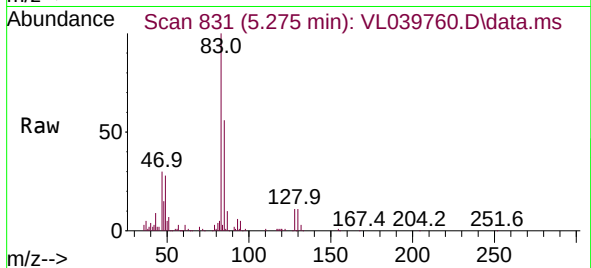
85 55.6 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 0.866 ppbv m

RT: 6.610 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

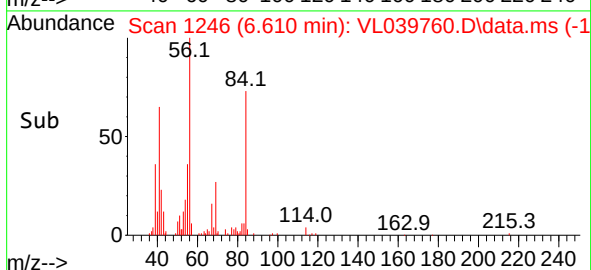
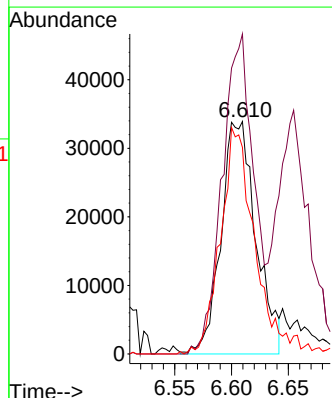
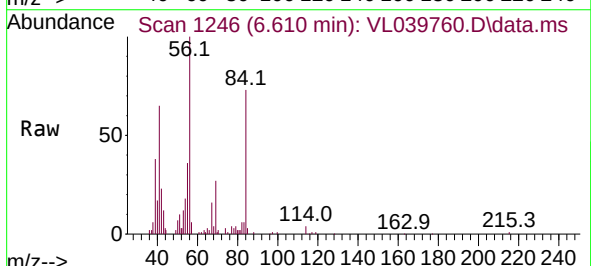
Tgt Ion: 84 Resp: 72286

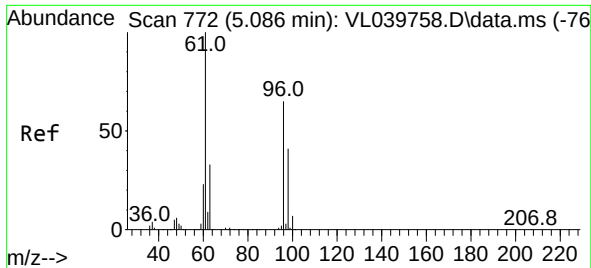
Ion Ratio Lower Upper

84 100

56 0.0 114.2 171.4#

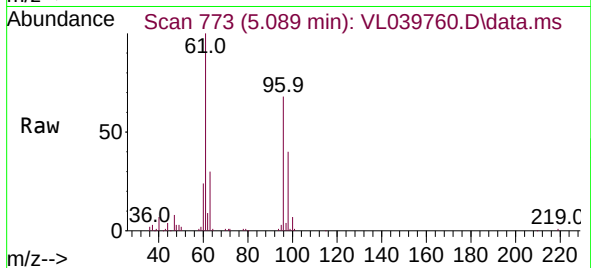
41 97.2 74.2 111.2





#31
 cis-1,2-Dichloroethene
 Concen: 1.071 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

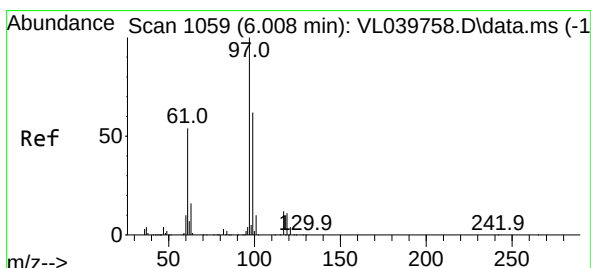
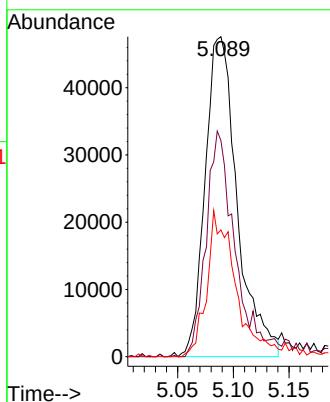
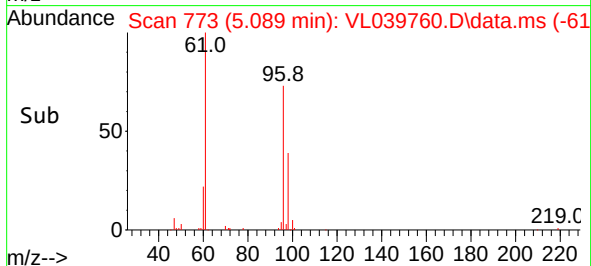
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 61 Resp: 9538
 Ion Ratio Lower Upper
 61 100
 96 67.6 48.3 72.5
 98 39.6 33.2 49.8

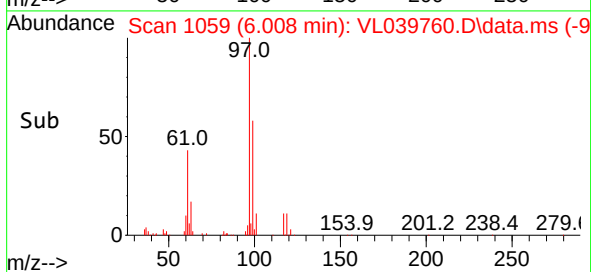
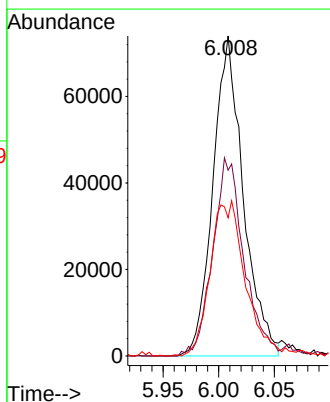
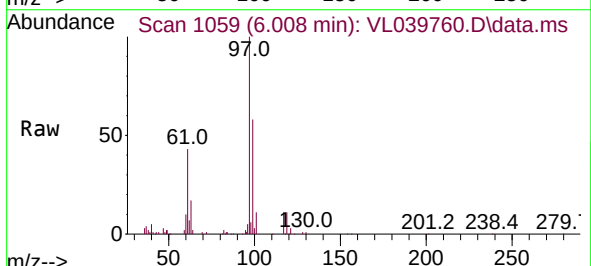
Manual Integrations
 APPROVED

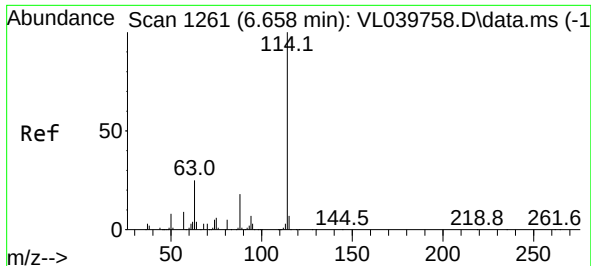
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 1.014 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

Tgt Ion: 97 Resp: 139922
 Ion Ratio Lower Upper
 97 100
 99 65.9 53.0 79.4
 61 57.6 43.3 64.9





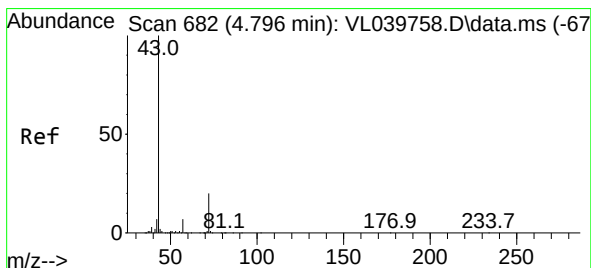
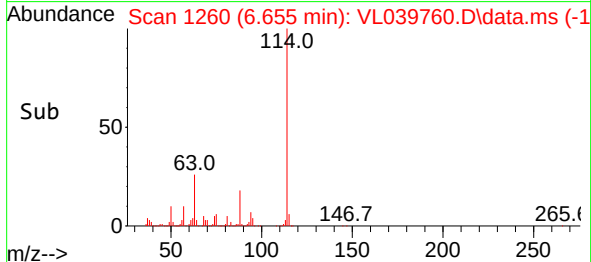
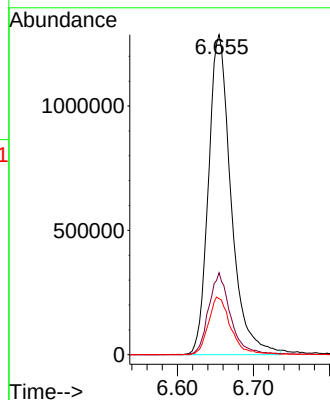
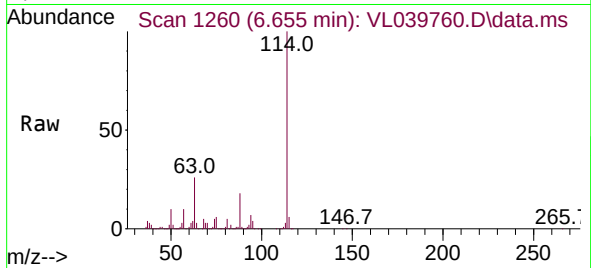
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:114 Resp: 265643
Ion Ratio Lower Upper
114 100
63 25.2 19.8 29.6
88 18.0 14.2 21.4

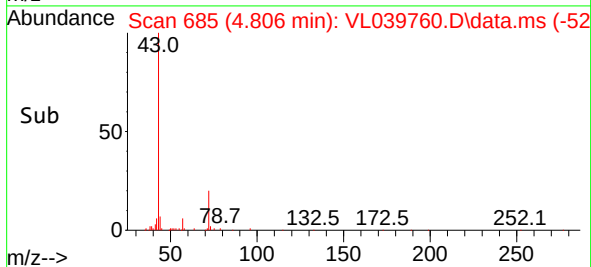
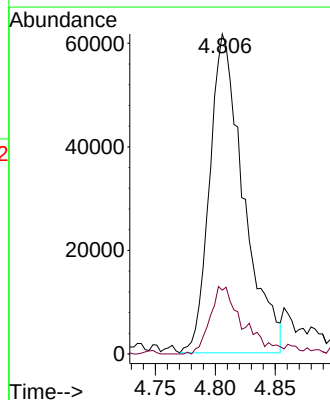
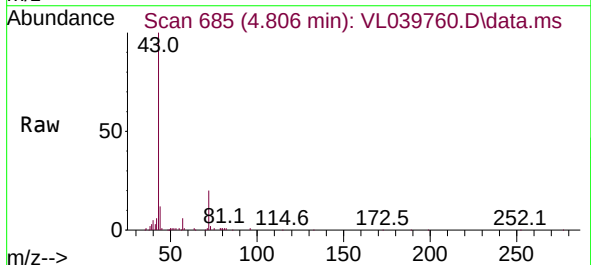
Manual Integrations
APPROVED

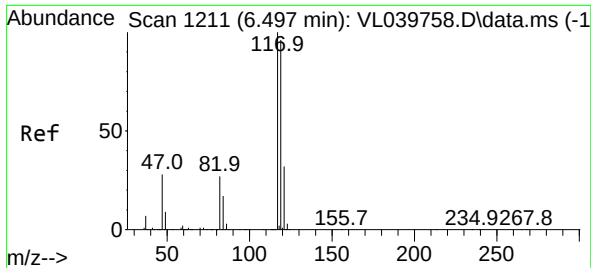
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#34
2-Butanone
Concen: 0.991 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.010 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

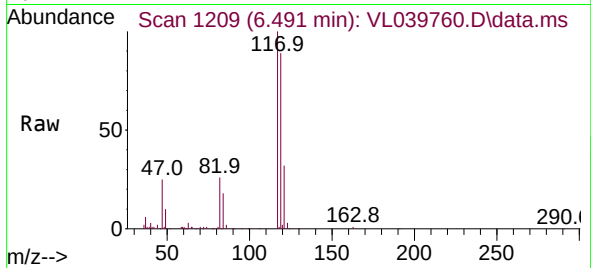
Tgt Ion: 43 Resp: 121483
Ion Ratio Lower Upper
43 100
72 22.8 17.1 25.7





#35
Carbon Tetrachloride
Concen: 1.096 ppbv
RT: 6.491 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

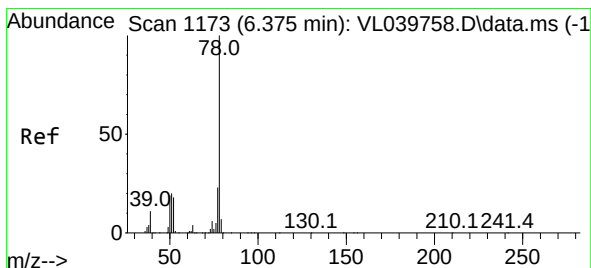
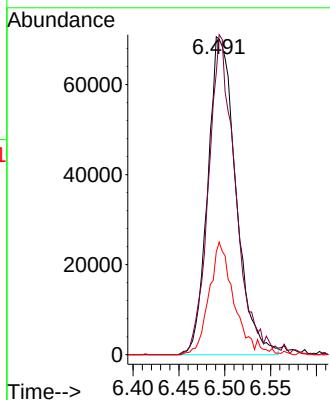
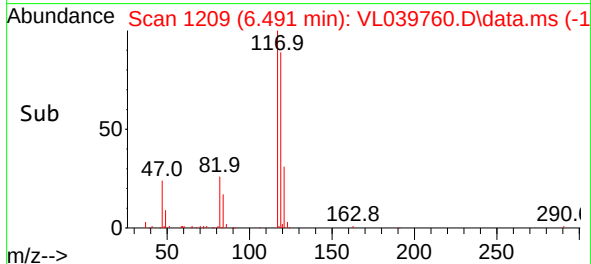
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 15087
Ion Ratio Lower Upper
117 100
119 88.7 79.2 118.8
121 32.3 25.0 37.6

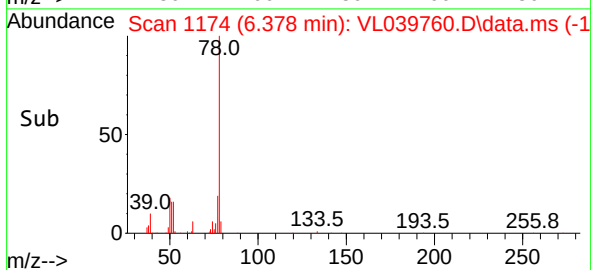
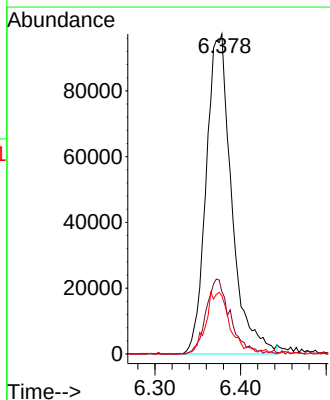
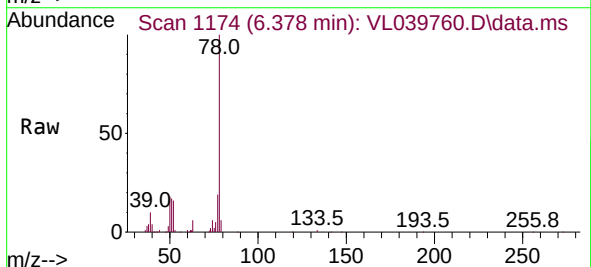
Manual Integrations
APPROVED

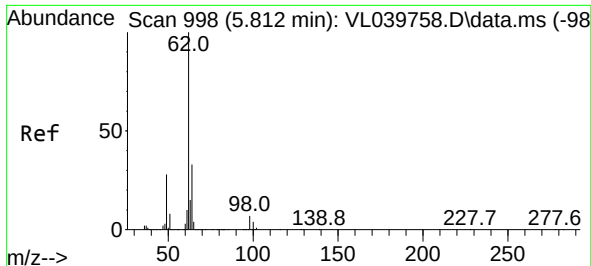
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 1.002 ppbv m
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Tgt Ion: 78 Resp: 200832
Ion Ratio Lower Upper
78 100
77 19.5 17.3 25.9
50 18.2 14.9 22.3





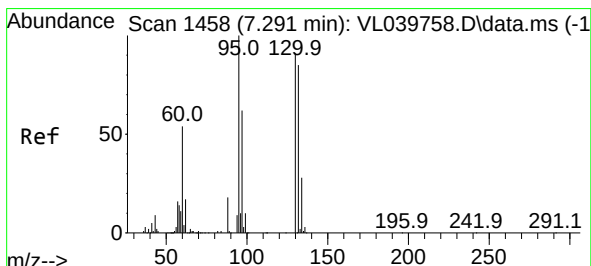
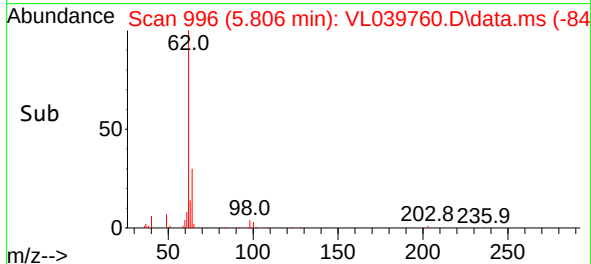
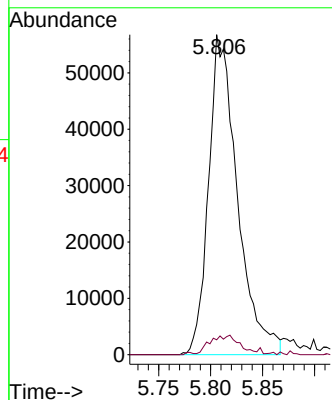
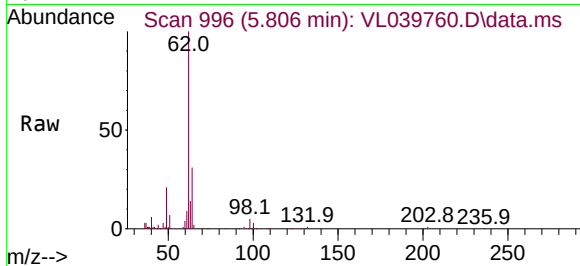
#37
1,2-Dichloroethane
Concen: 1.015 ppbv
RT: 5.806 min Scan# 998
Delta R.T. -0.006 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 109608
Ion Ratio Lower Upper
62 100
98 7.1 5.4 8.0

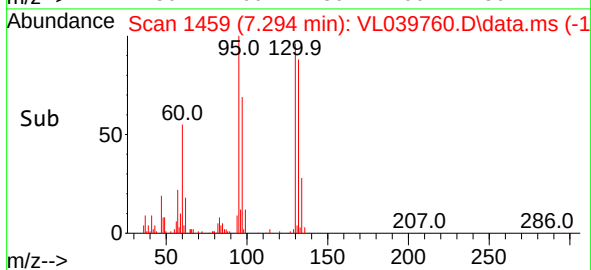
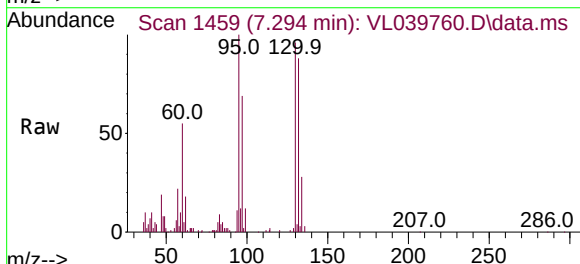
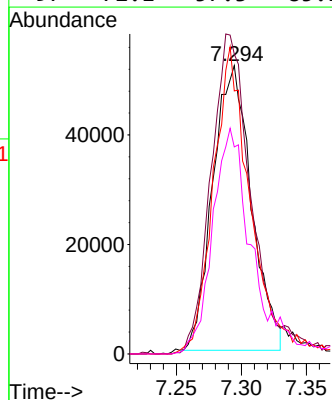
Manual Integrations
APPROVED

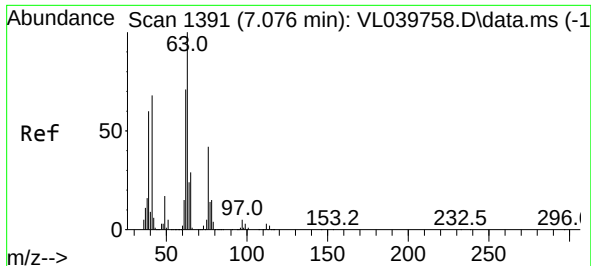
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Trichloroethene
Concen: 0.999 ppbv
RT: 7.294 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Tgt Ion:130 Resp: 107374
Ion Ratio Lower Upper
130 100
95 104.9 85.4 128.2
132 91.1 73.0 109.6
97 72.1 57.3 85.9





#39

1,2-Dichloropropane

Concen: 0.955 ppbv

RT: 7.073 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

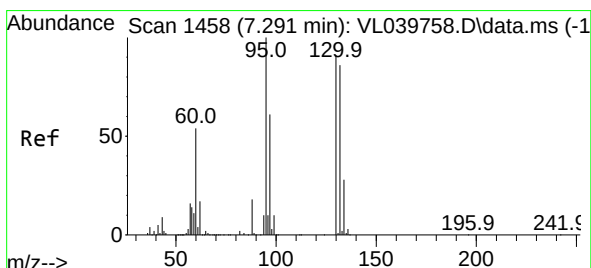
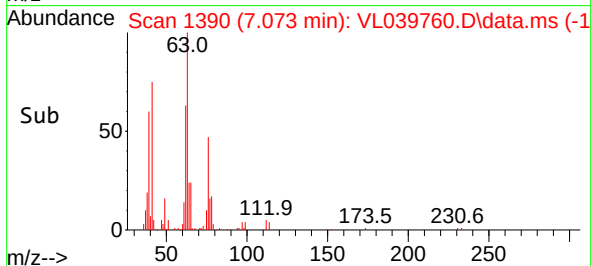
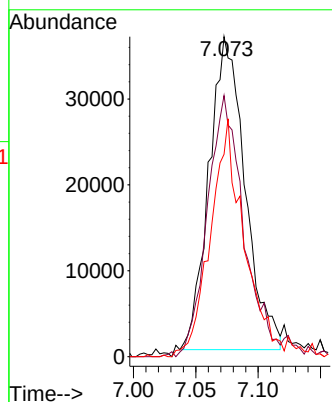
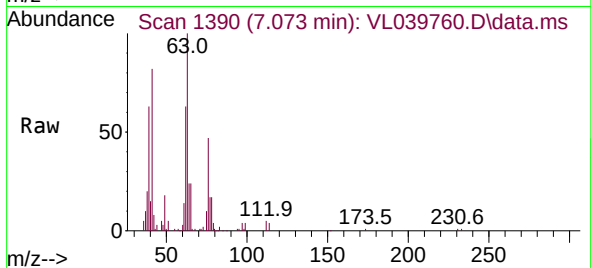
VSTDIC001

Tgt Ion:	63	Resp:	73410
Ion	Ratio	Lower	Upper
63	100		
41	82.0	59.5	89.3
62	62.5	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#40

1,4-Dioxane

Concen: 0.983 ppbv m

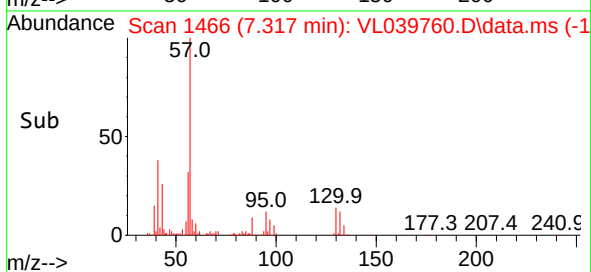
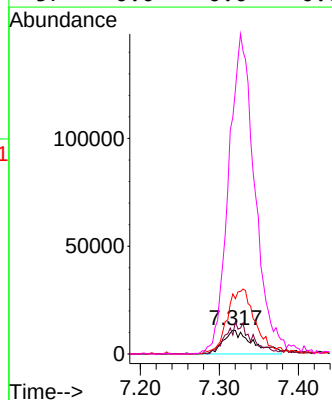
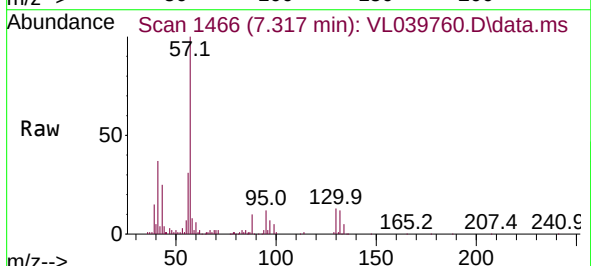
RT: 7.317 min Scan# 1466

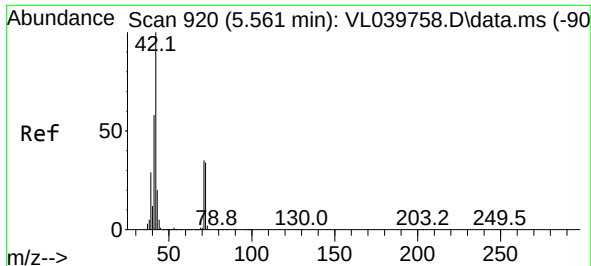
Delta R.T. 0.035 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

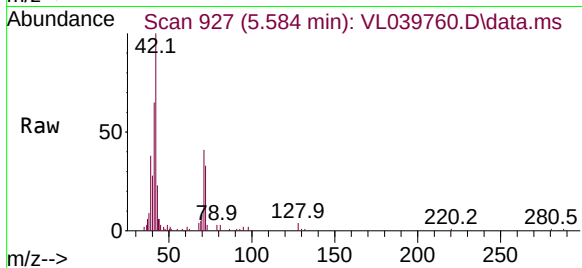
Tgt Ion:	88	Resp:	28944
Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.6	152.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.868 ppbv m
RT: 5.584 min Scan# 91
Delta R.T. 0.022 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

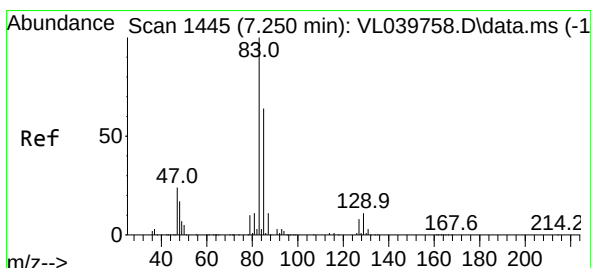
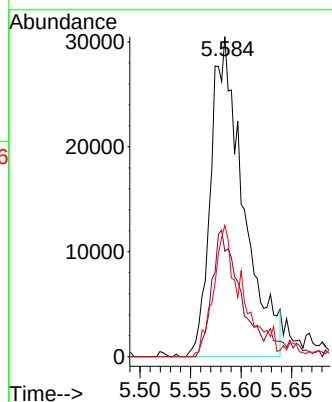
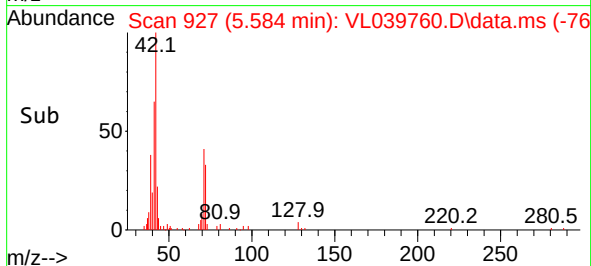
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



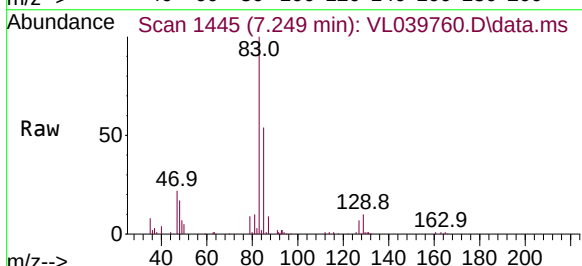
Tgt Ion: 42 Resp: 68210
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0
71 0.0 29.3 43.9

Manual Integrations
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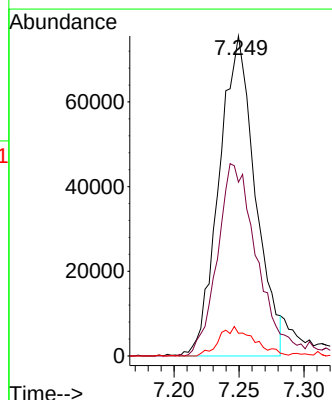
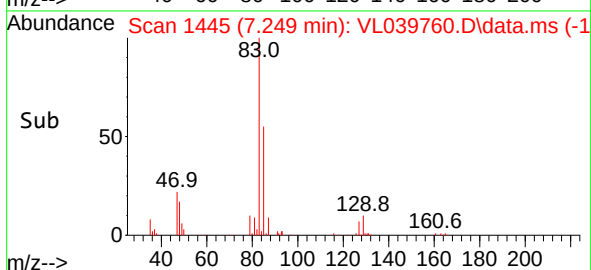
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

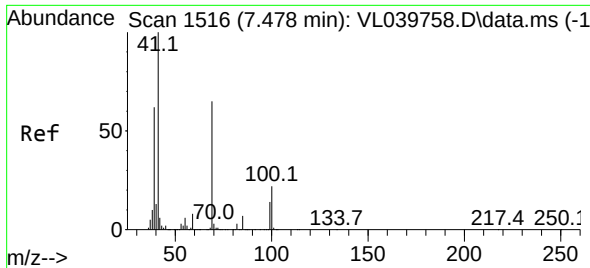


#42
Bromodichloromethane
Concen: 0.988 ppbv
RT: 7.249 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



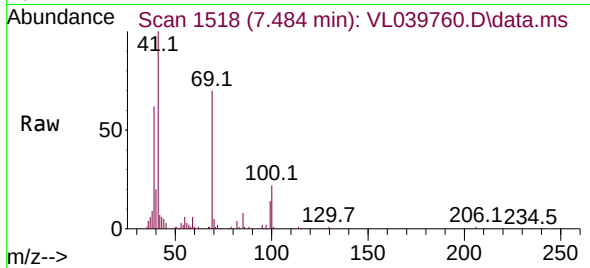
Tgt Ion: 83 Resp: 146503
Ion Ratio Lower Upper
83 100
85 53.8 51.0 76.6
127 7.1 6.5 9.7





#43
Methyl Methacrylate
Concen: 0.883 ppbv
RT: 7.484 min Scan# 1469
Delta R.T. 0.010 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

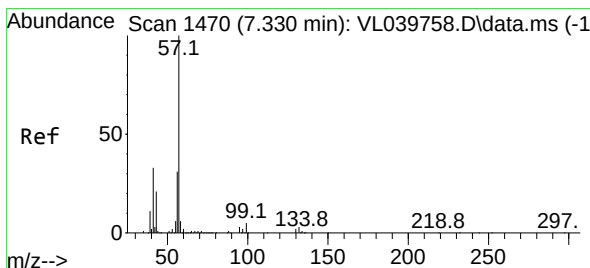
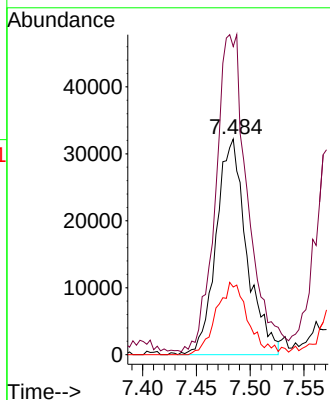
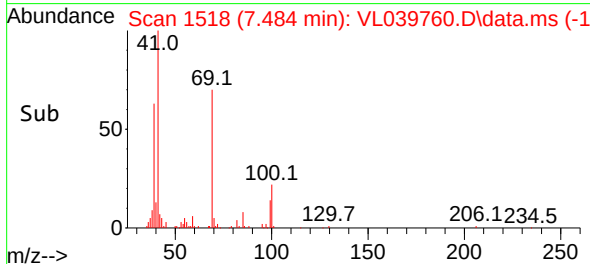
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 6369
Ion Ratio Lower Upper
69 100
41 157.5 124.6 186.8
100 35.4 27.5 41.3

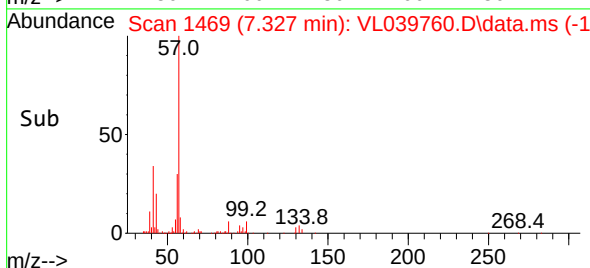
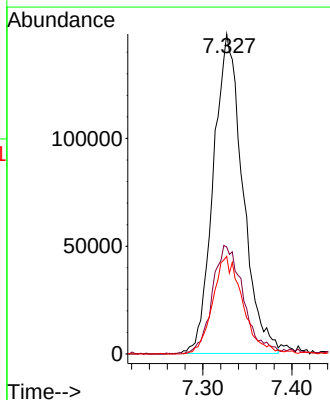
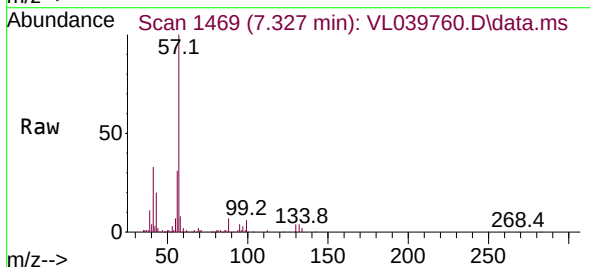
Manual Integrations
APPROVED

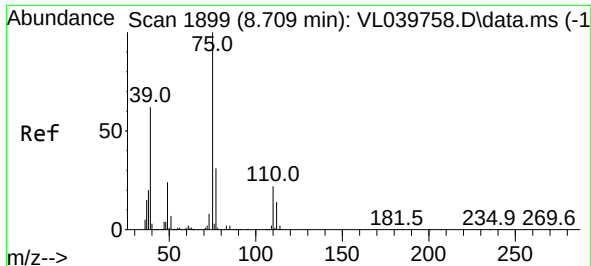
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 1.000 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Tgt Ion: 57 Resp: 339747
Ion Ratio Lower Upper
57 100
41 37.0 27.1 40.7
56 31.7 25.2 37.8





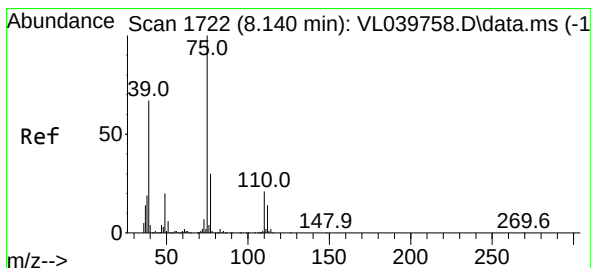
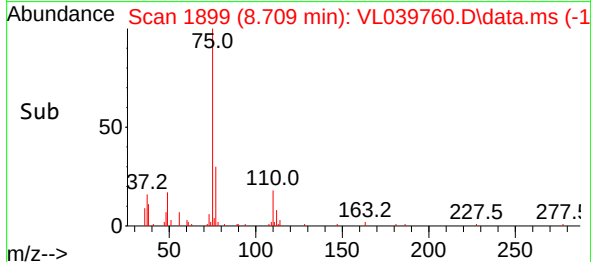
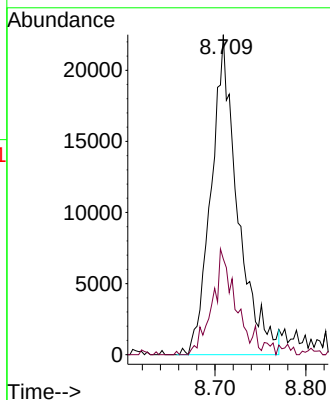
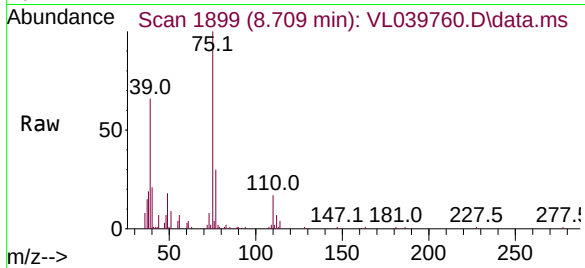
#45
 t-1,3-Dichloropropene
 Concen: 0.767 ppbv m
 RT: 8.709 min Scan# 1899
 Delta R.T. 0.003 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 45775
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.6 39.8

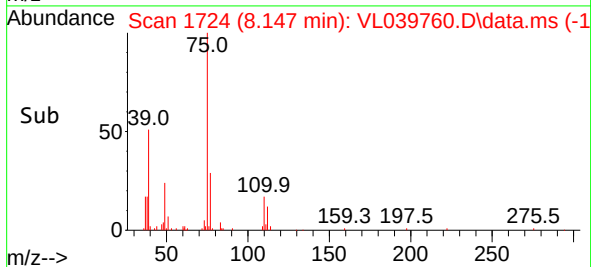
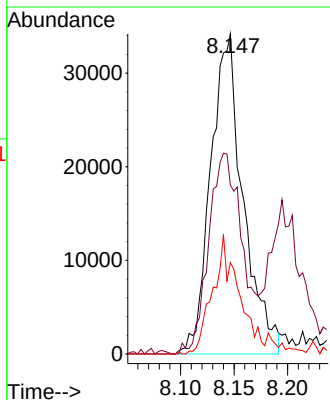
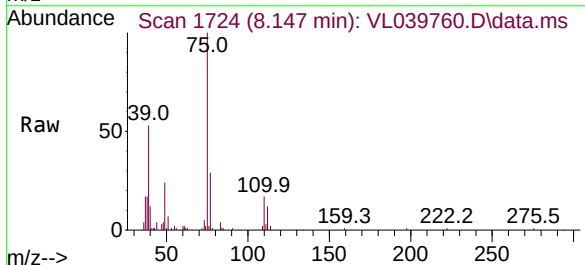
Manual Integrations
 APPROVED

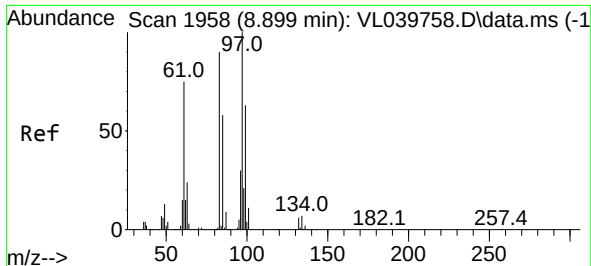
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#46
 cis-1,3-Dichloropropene
 Concen: 0.851 ppbv m
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.006 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

Tgt Ion: 75 Resp: 71991
 Ion Ratio Lower Upper
 75 100
 39 52.7 52.2 78.4
 77 28.6 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 1.017 ppbv m

RT: 8.892 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

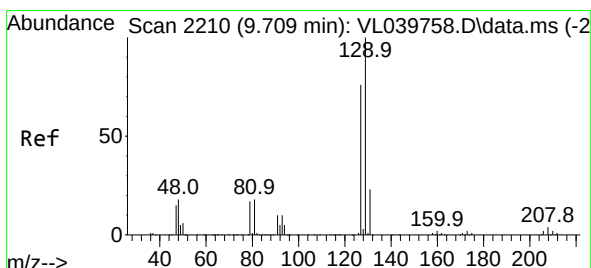
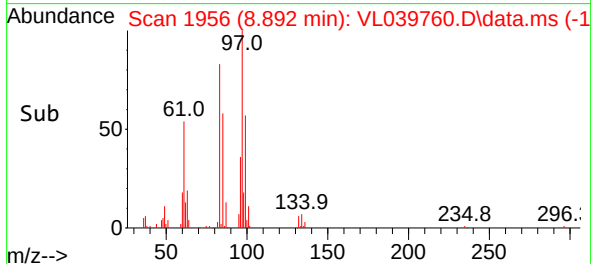
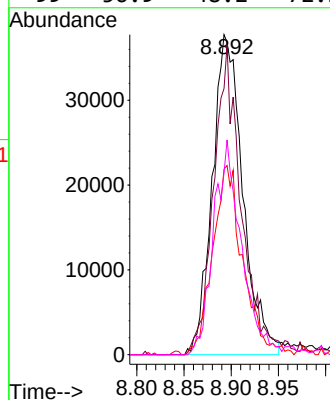
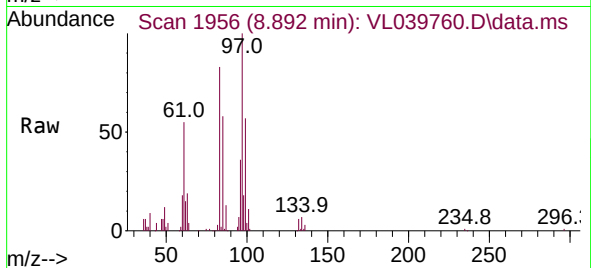
VSTDICC001

Tgt Ion:	97	Resp:	84910
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.8	103.2
85	58.0	44.8	67.2
99	56.9	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48

Dibromochloromethane

Concen: 1.009 ppbv m

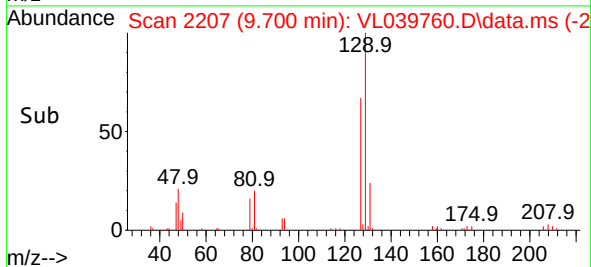
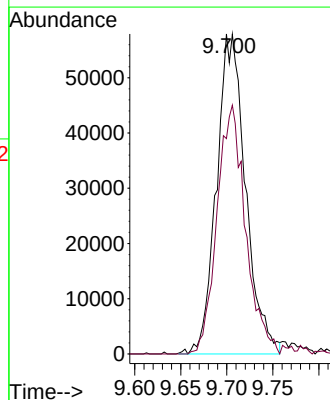
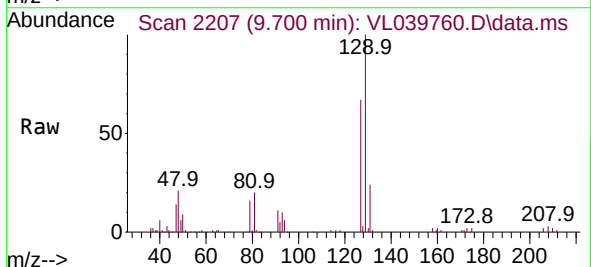
RT: 9.700 min Scan# 2207

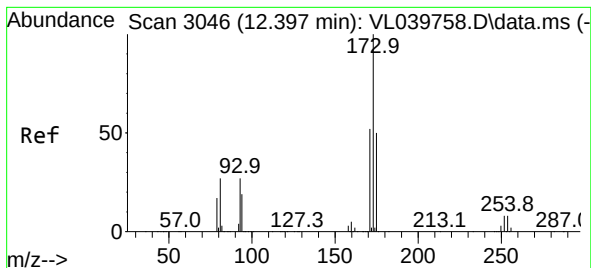
Delta R.T. -0.003 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Tgt Ion:	129	Resp:	127075
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6





#49

Bromoform

Concen: 0.955 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

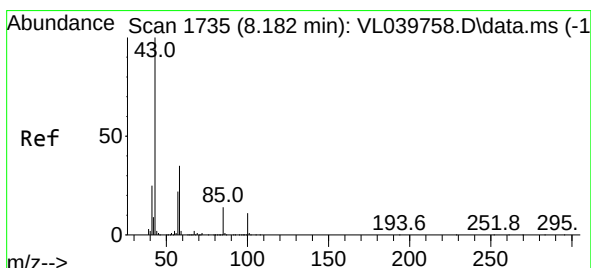
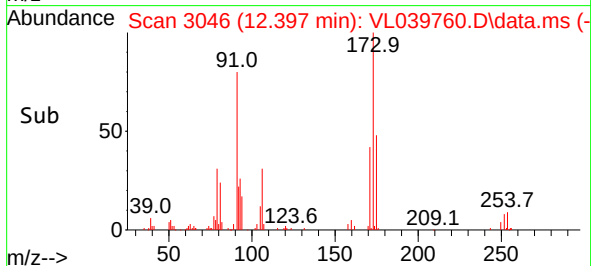
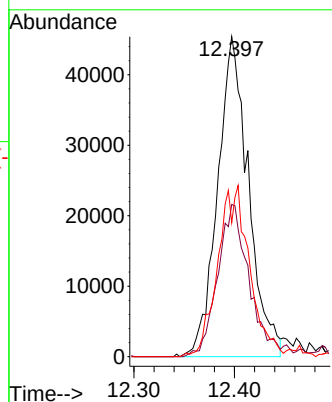
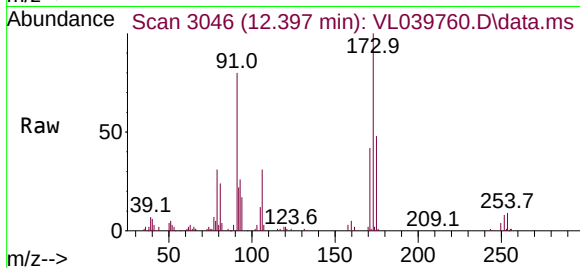
VSTDICC001

Tgt Ion:	173	Resp:	9689
Ion Ratio	Lower	Upper	
173	100		
175	49.7	39.4	59.0
171	56.3	41.6	62.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50

4-Methyl-2-Pentanone

Concen: 0.847 ppbv

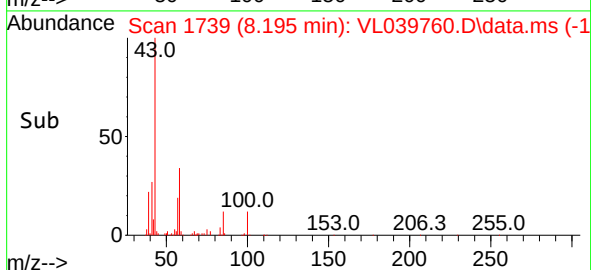
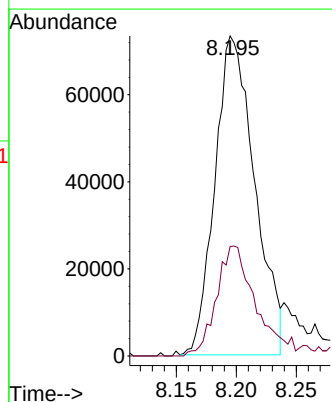
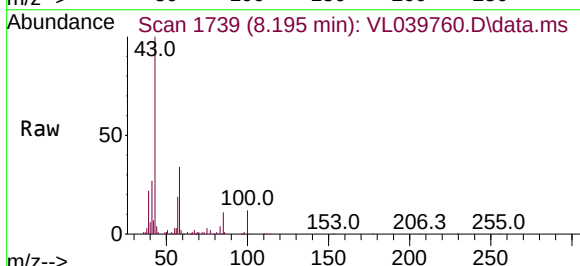
RT: 8.195 min Scan# 1739

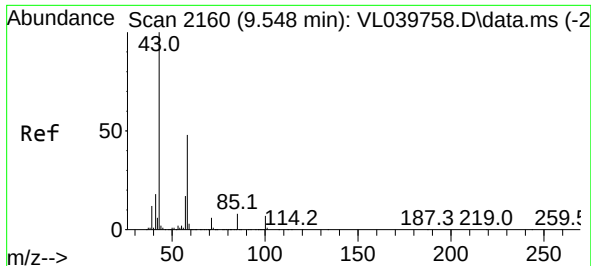
Delta R.T. 0.016 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

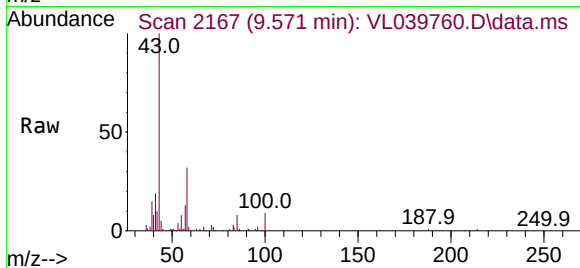
Tgt Ion:	43	Resp:	169233
Ion Ratio	Lower	Upper	
43	100		
58	35.8	28.0	42.0





#51
2-Hexanone
Concen: 0.897 ppbv m
RT: 9.571 min Scan# 2160
Delta R.T. 0.022 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

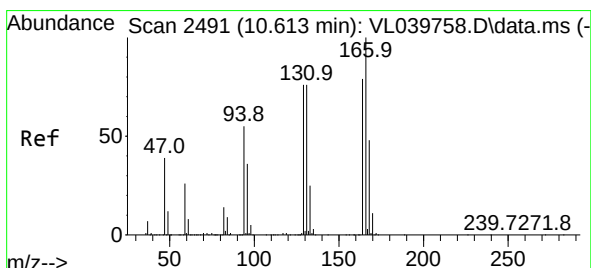
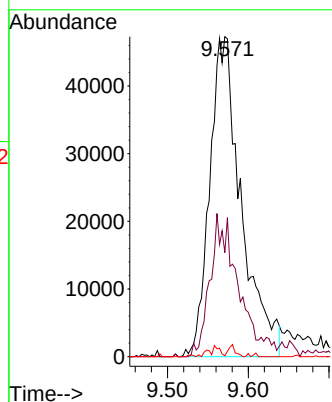
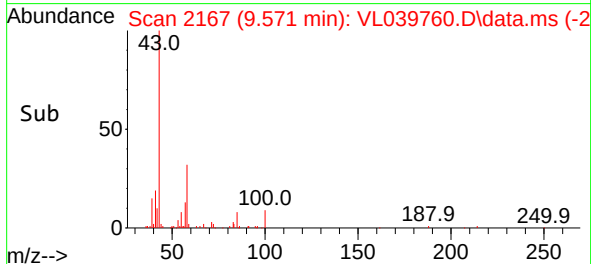
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 128430
Ion Ratio Lower Upper
43 100
58 41.9 37.6 56.4
98 0.0 0.6 0.8

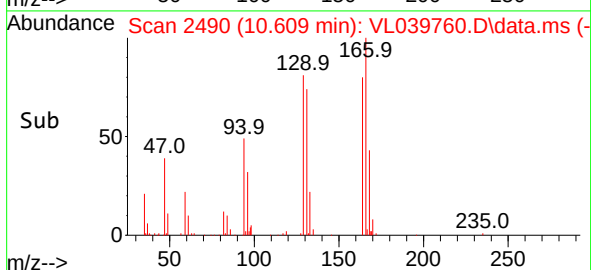
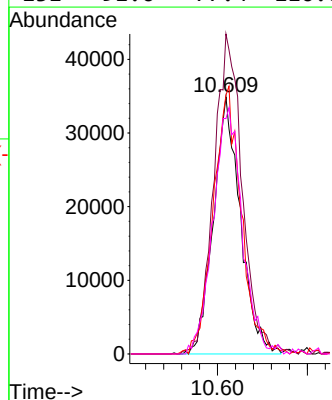
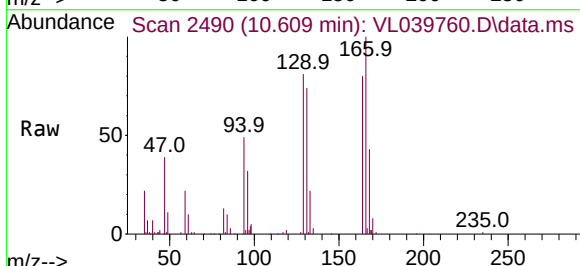
Manual Integrations
APPROVED

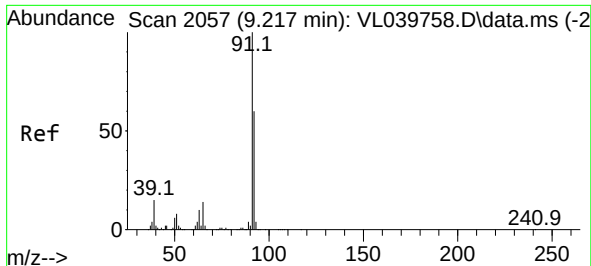
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 0.998 ppbv m
RT: 10.609 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Tgt Ion:164 Resp: 72250
Ion Ratio Lower Upper
164 100
166 124.6 100.0 150.0
129 100.8 82.1 123.1
131 91.6 77.4 116.0





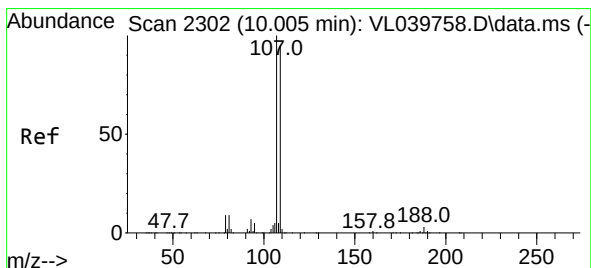
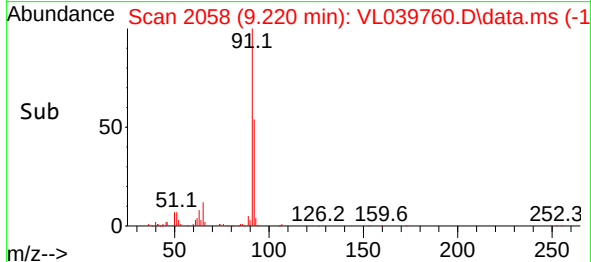
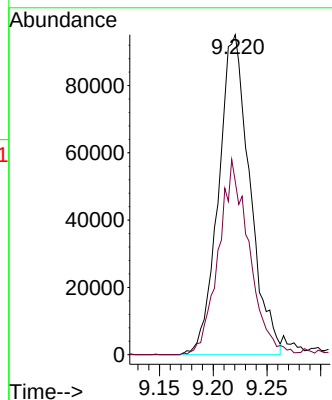
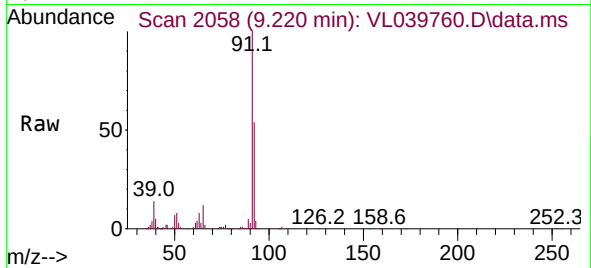
#53
Toluene
Concen: 0.890 ppbv
RT: 9.220 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 192732
Ion Ratio Lower Upper
91 100
92 61.3 47.7 71.5

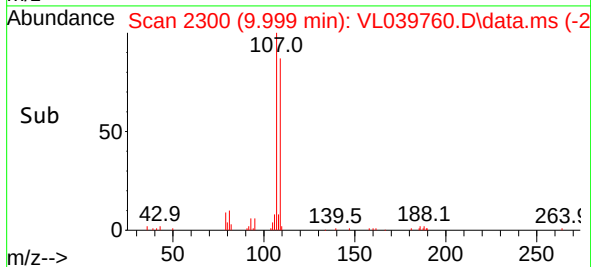
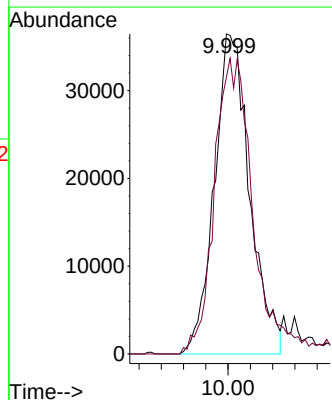
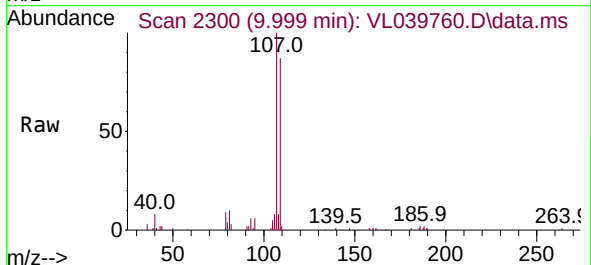
Manual Integrations
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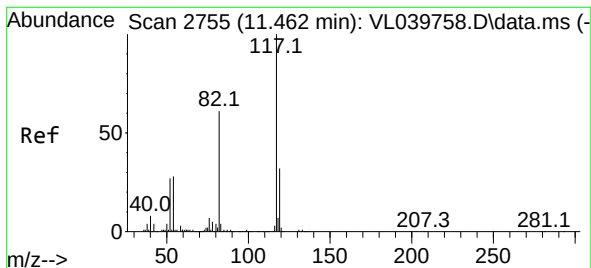
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 0.956 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

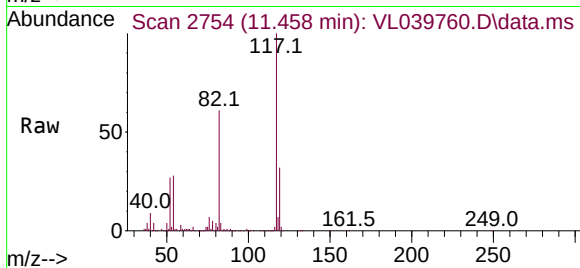
Tgt Ion:107 Resp: 80326
Ion Ratio Lower Upper
107 100
109 86.5 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

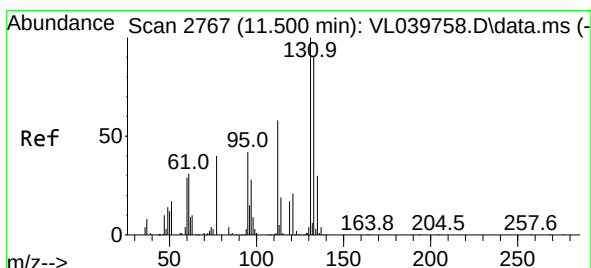
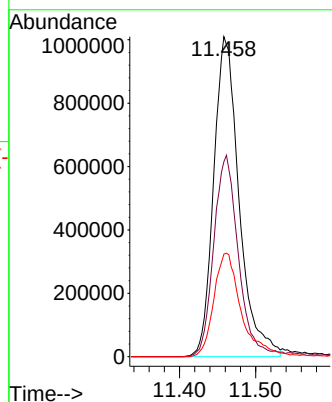
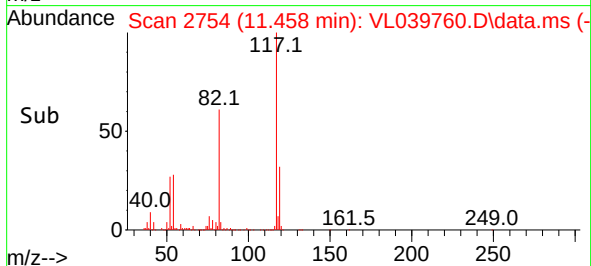
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



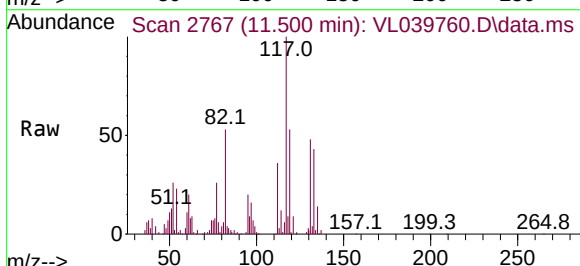
Tgt Ion:117 Resp: 2343720
Ion Ratio Lower Upper
117 100
82 62.8 51.4 77.0
119 35.2 24.6 36.8

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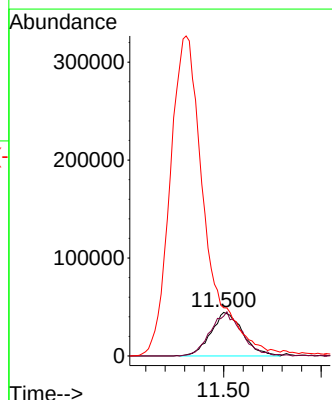
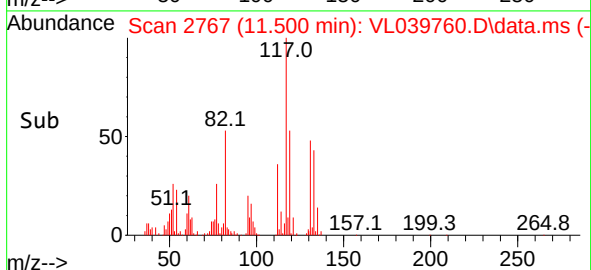
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

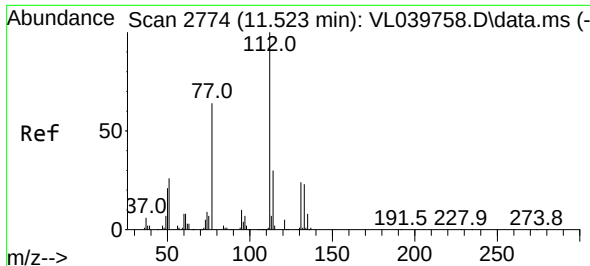


#56
1,1,1,2-Tetrachloroethane
Concen: 1.056 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion:131 Resp: 100431
Ion Ratio Lower Upper
131 100
133 101.1 77.2 115.8
119 824.8 55.5 83.3#





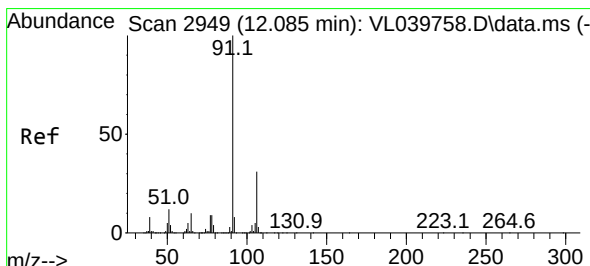
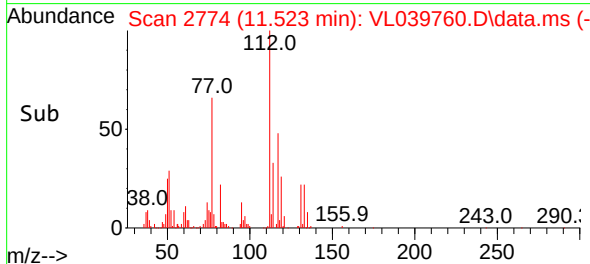
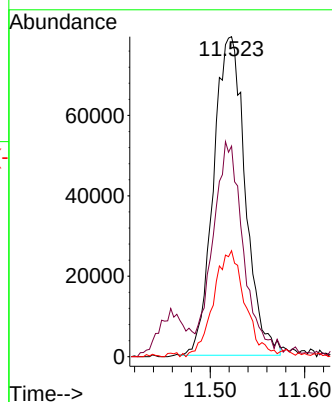
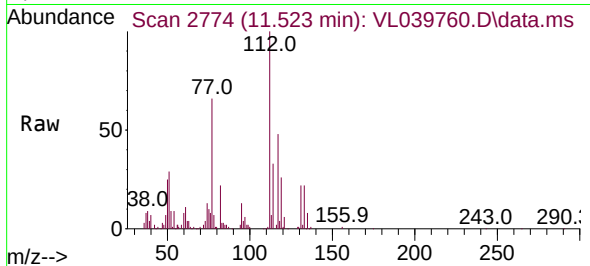
#57
Chlorobenzene
Concen: 1.078 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 185420
Ion Ratio Lower Upper
112 100
77 62.8 51.4 77.2
114 33.3 30.0 36.6

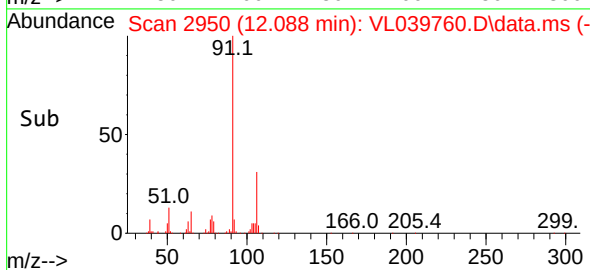
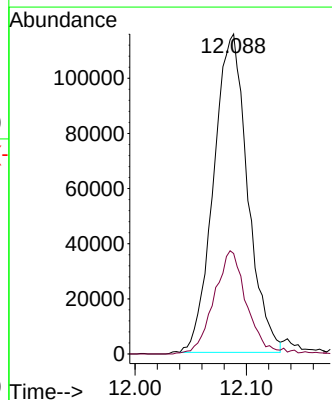
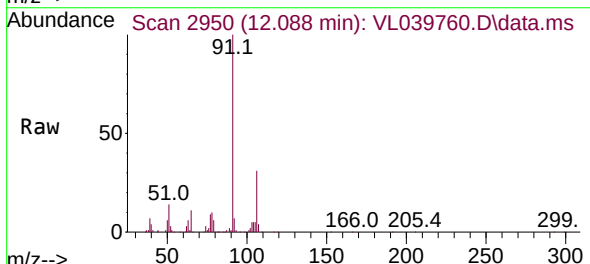
Manual Integrations
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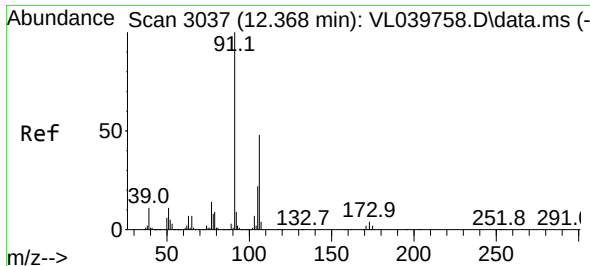
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 0.907 ppbv
RT: 12.088 min Scan# 2950
Delta R.T. 0.010 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Tgt Ion: 91 Resp: 245478
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8





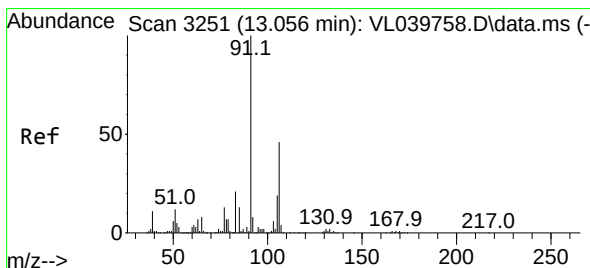
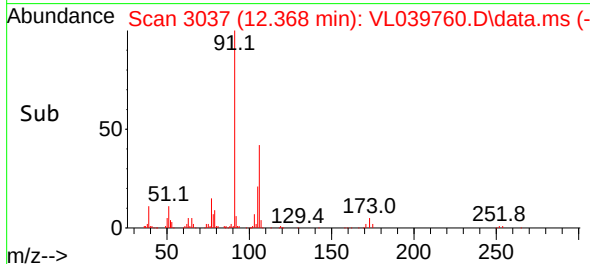
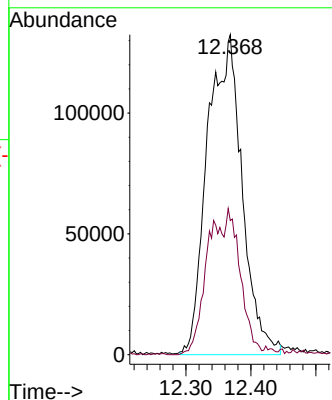
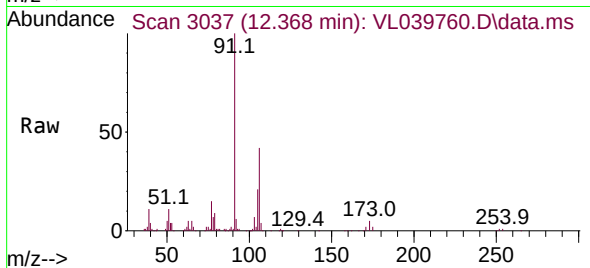
#59
m/p-Xylene
Concen: 2.052 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 49092
Ion Ratio Lower Upper
91 100
106 43.7 36.2 54.4

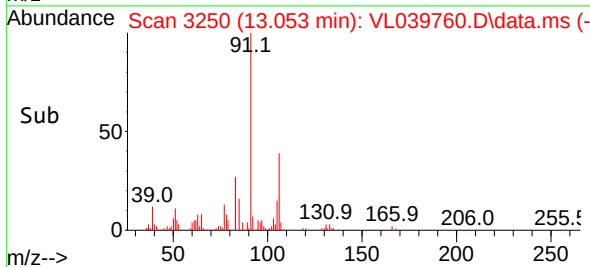
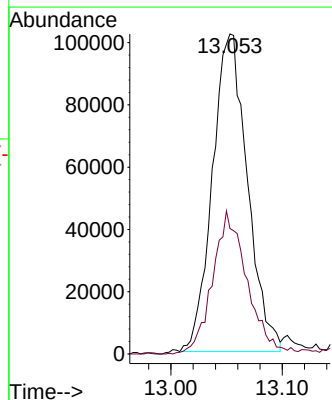
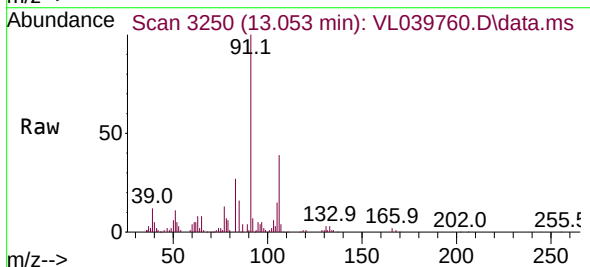
Manual Integrations
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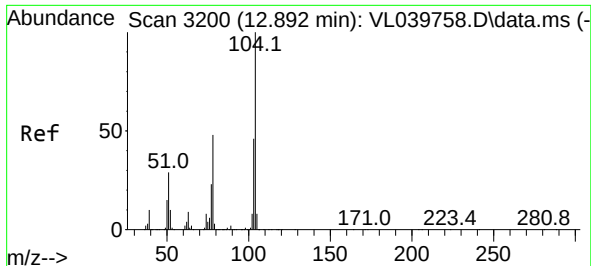
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 0.973 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

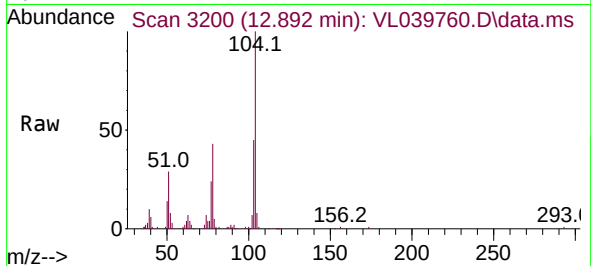
Tgt Ion: 91 Resp: 222689
Ion Ratio Lower Upper
91 100
106 45.3 22.4 67.0





#61
Styrene
Concen: 0.834 ppbv m
RT: 12.892 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

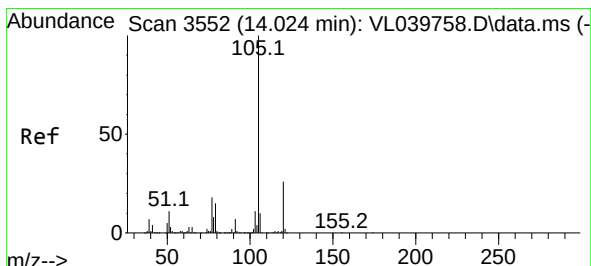
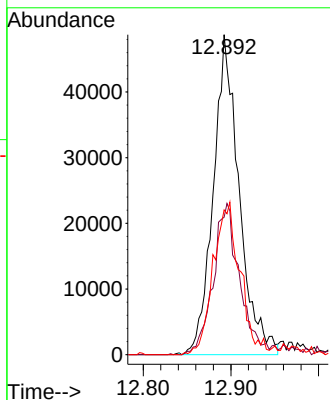
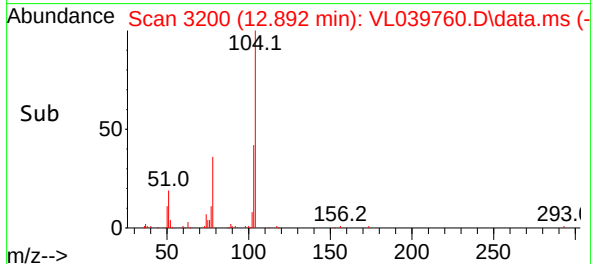
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



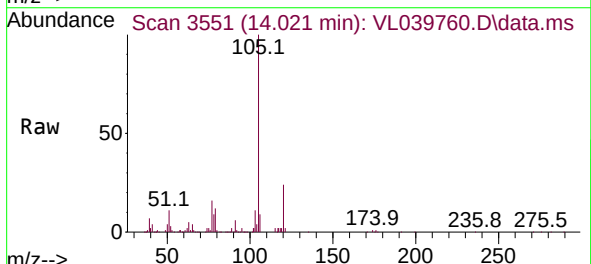
Tgt Ion:104 Resp: 9984
Ion Ratio Lower Upper
104 100
78 49.4 39.6 59.4
103 49.9 38.1 57.1

Manual Integrations
APPROVED

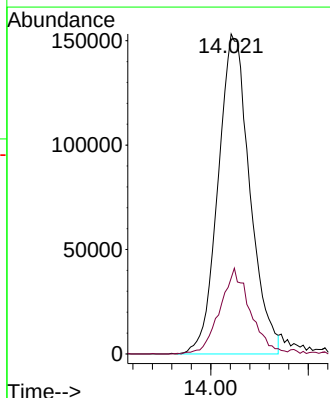
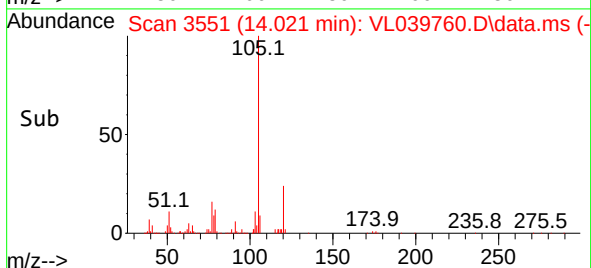
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

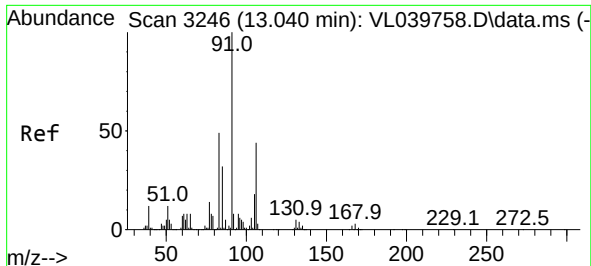


#62
Isopropylbenzene
Concen: 1.016 ppbv
RT: 14.021 min Scan# 3551
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion:105 Resp: 346303
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.4





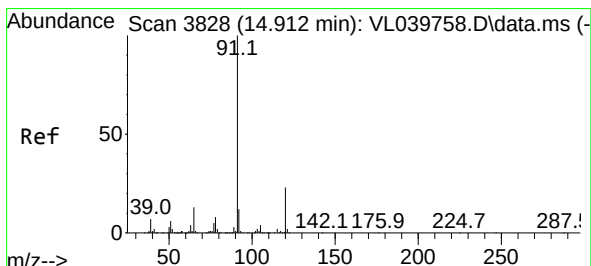
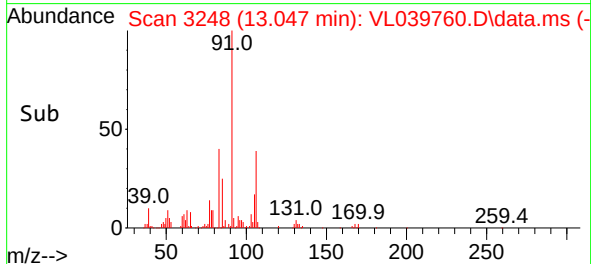
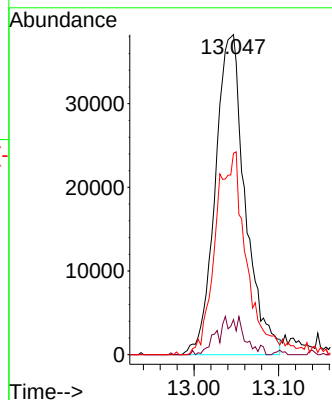
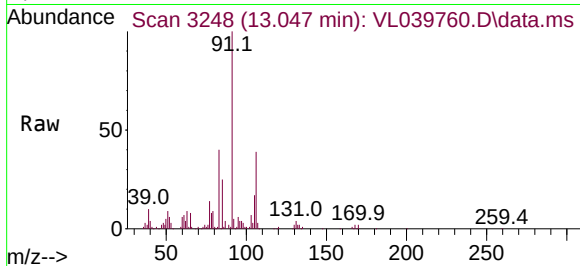
#63
1,1,2,2-Tetrachloroethane
Concen: 1.077 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 9424
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 66.1 32.8 98.4

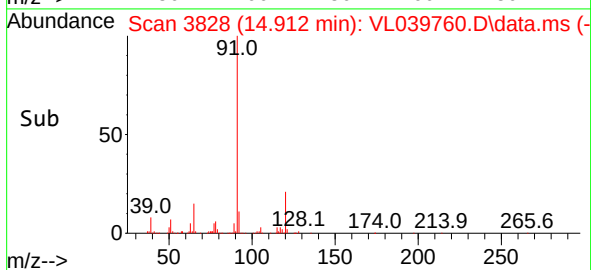
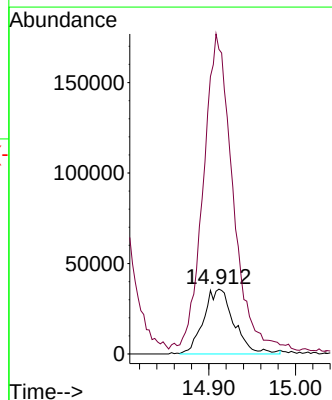
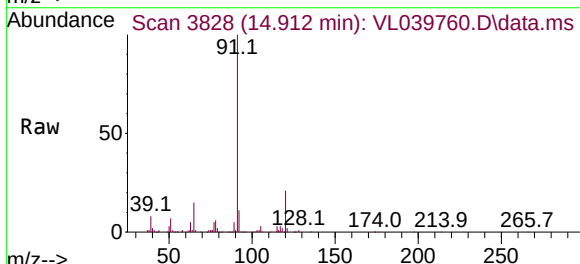
Manual Integrations
APPROVED

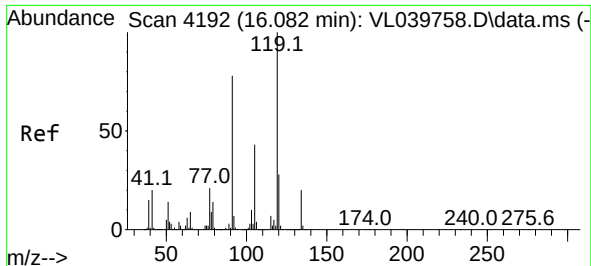
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
n-propylbenzene
Concen: 1.023 ppbv m
RT: 14.912 min Scan# 3828
Delta R.T. 0.006 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

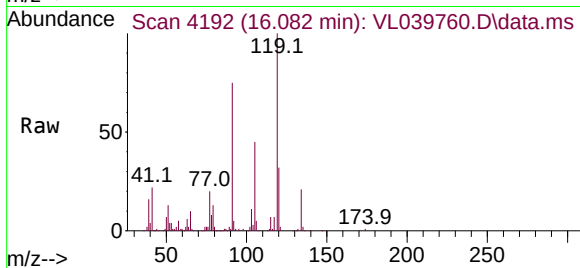
Tgt Ion:120 Resp: 87656
Ion Ratio Lower Upper
120 100
91 494.9 376.2 564.2





#65
tert-Butylbenzene
Concen: 1.020 ppbv
RT: 16.082 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

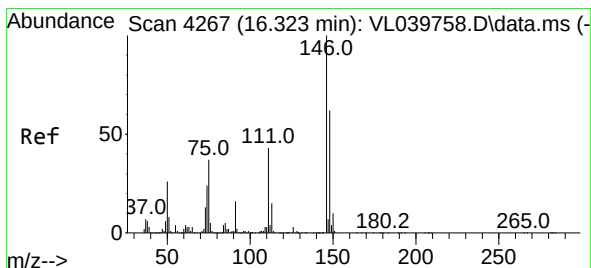
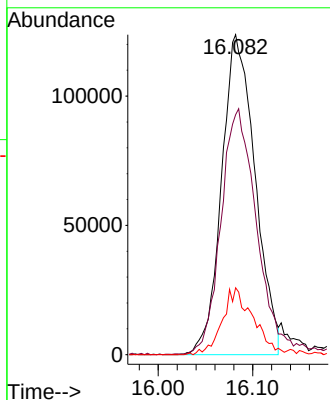
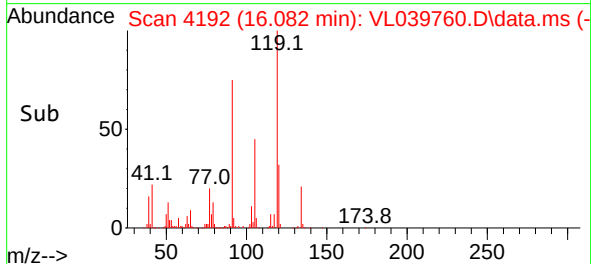
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



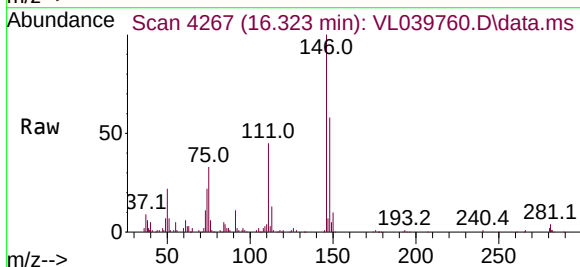
Tgt Ion: 119 Resp: 30464
Ion Ratio Lower Upper
119 100
91 84.6 64.2 96.2
134 20.1 15.5 23.3

Manual Integrations
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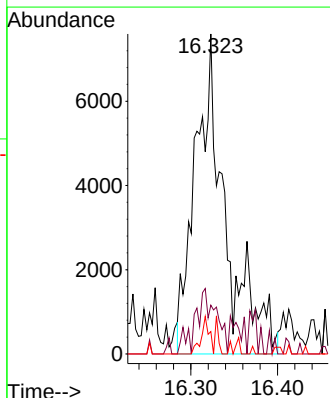
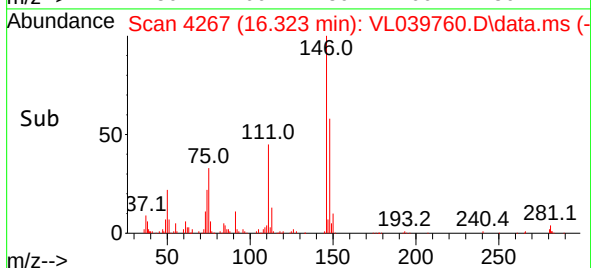
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

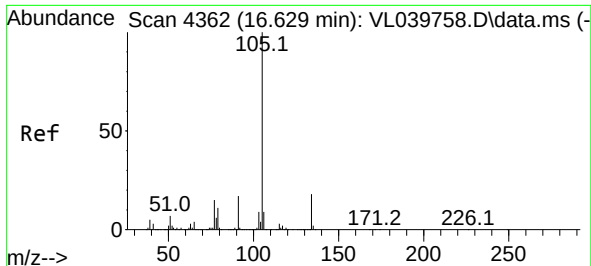


#66
Benzyl Chloride
Concen: 0.884 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.006 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



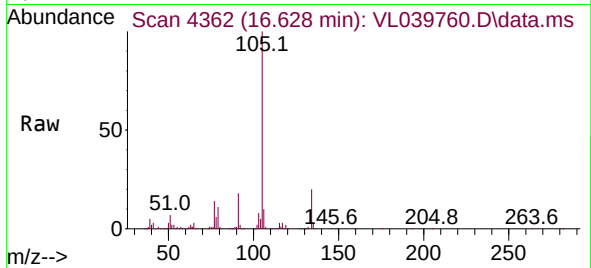
Tgt Ion: 91 Resp: 18455
Ion Ratio Lower Upper
91 100
126 19.2 12.6 18.8#
128 0.0 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 1.032 ppbv
 RT: 16.628 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

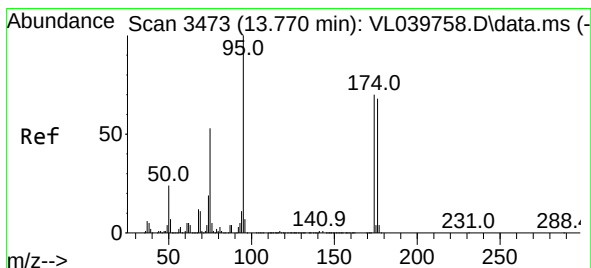
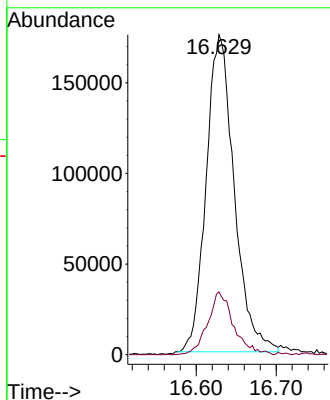
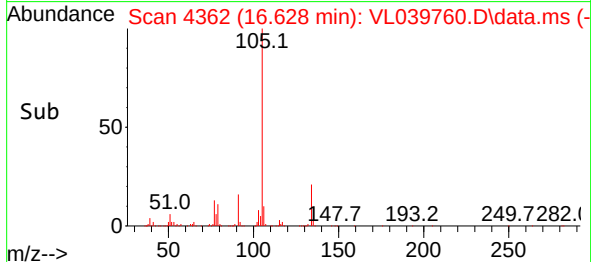
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 426498
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.2 21.4

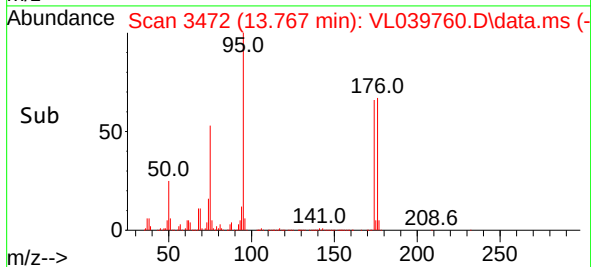
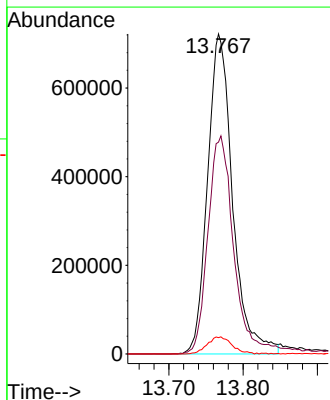
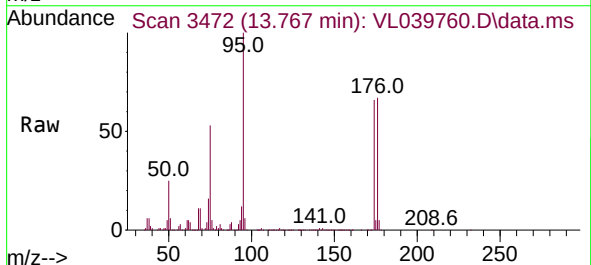
Manual Integrations
 APPROVED

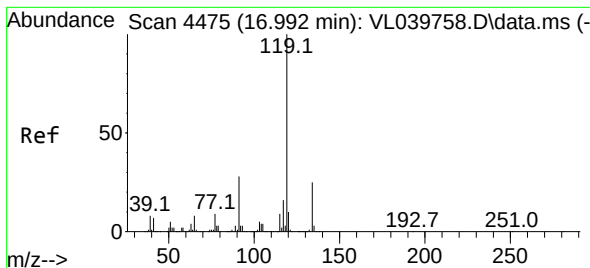
Reviewed By :Semsettin Yesilyurt 10/26/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.165 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. -0.000 min
 Lab File: VL039760.D
 Acq: 24 Oct 2022 15:13

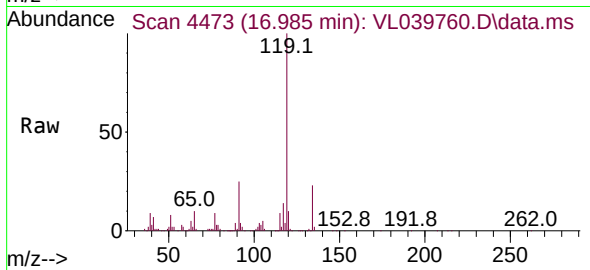
Tgt Ion: 95 Resp: 1691131
 Ion Ratio Lower Upper
 95 100
 174 72.8 56.5 84.7
 175 5.4 4.2 6.4





#69
p-Isopropyltoluene
Concen: 1.058 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

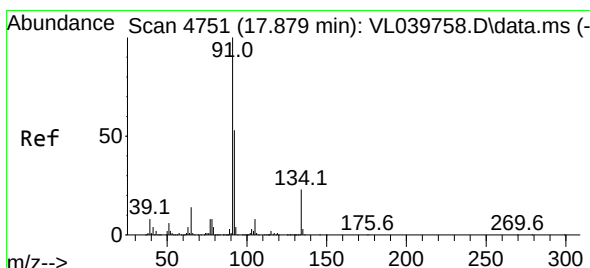
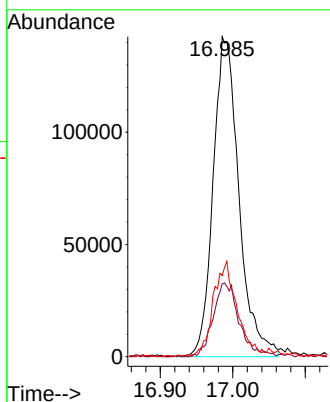
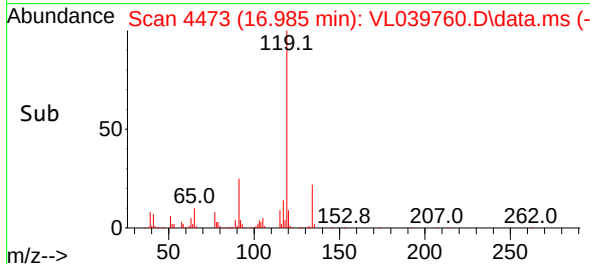
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



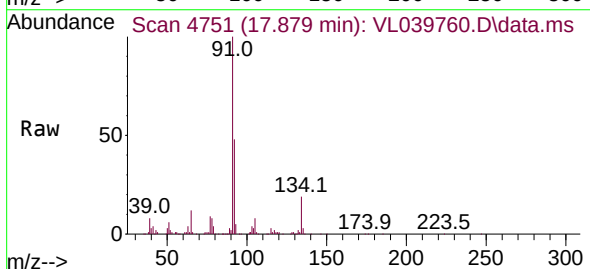
Tgt Ion: 119 Resp: 352349
Ion Ratio Lower Upper
119 100
134 23.7 19.8 29.8
91 28.9 22.7 34.1

Manual Integrations
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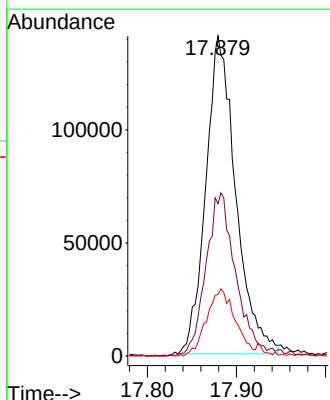
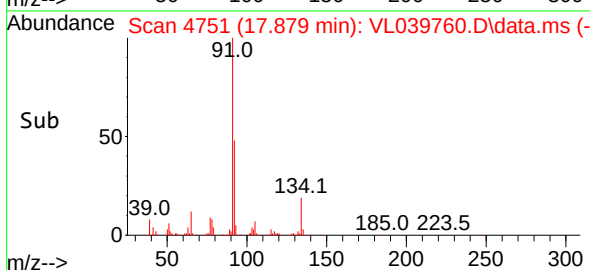
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

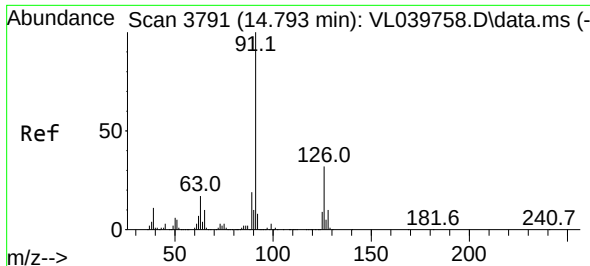


#70
n-Butylbenzene
Concen: 1.025 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



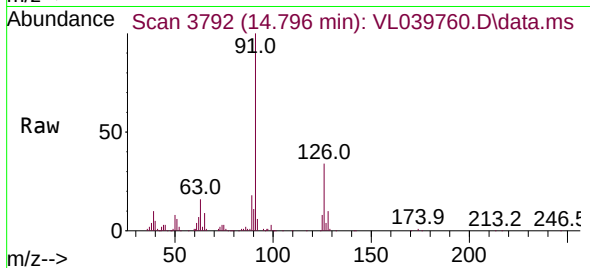
Tgt Ion: 91 Resp: 328534
Ion Ratio Lower Upper
91 100
92 52.0 43.3 64.9
134 21.8 18.4 27.6





#71
2-Chlorotoluene
Concen: 0.961 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

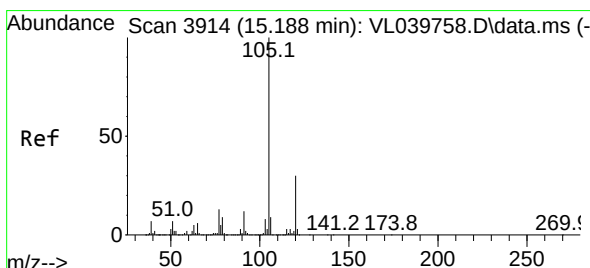
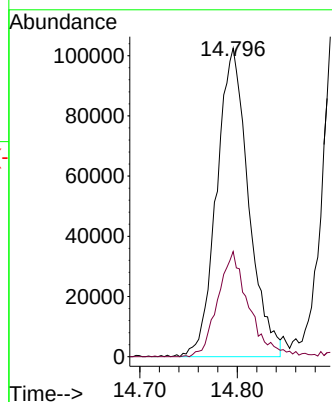
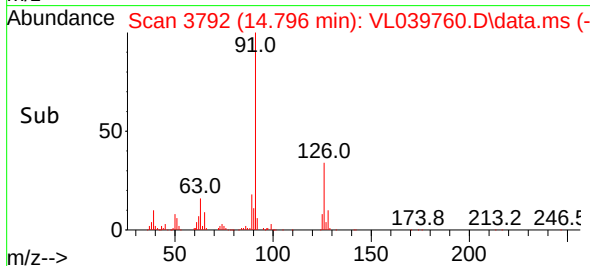
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



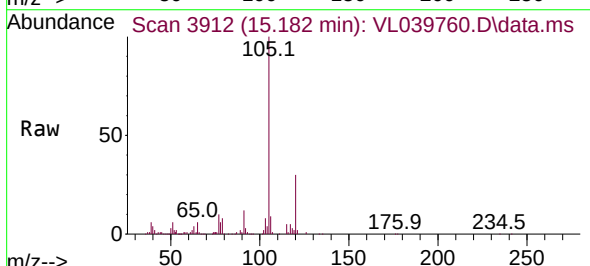
Tgt Ion: 91 Resp: 233172
Ion Ratio Lower Upper
91 100
126 33.6 12.7 50.7

Manual Integrations
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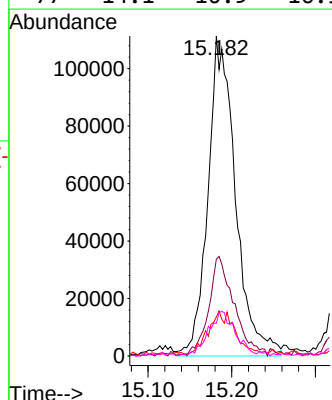
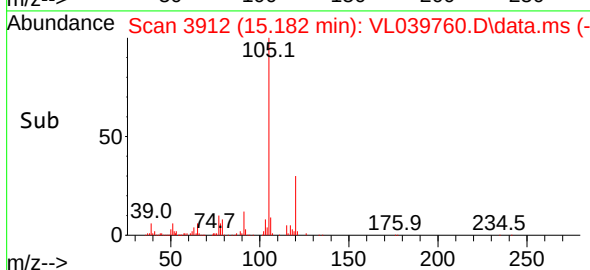
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

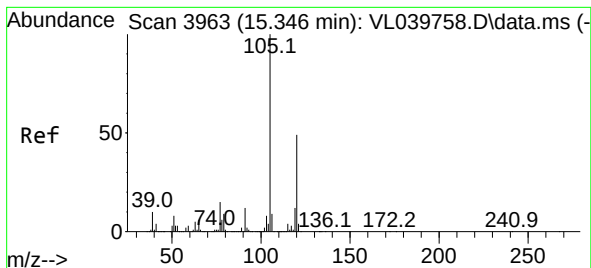


#72
4-Ethyltoluene
Concen: 0.996 ppbv m
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion:105 Resp: 254452
Ion Ratio Lower Upper
105 100
120 29.3 23.9 35.9
91 13.3 10.3 15.5
77 14.1 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 0.981 ppbv

RT: 15.342 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 233408

Ion Ratio Lower Upper

105 100

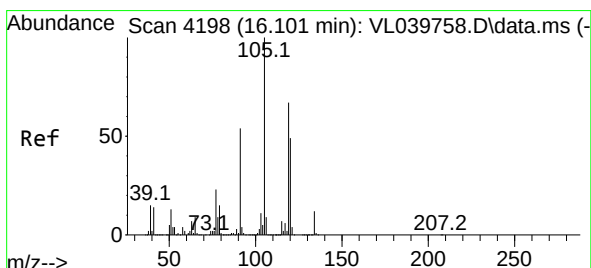
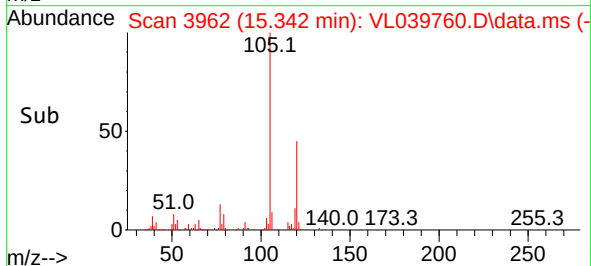
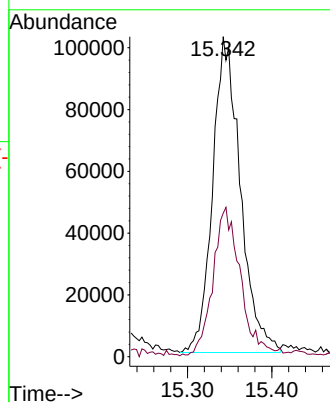
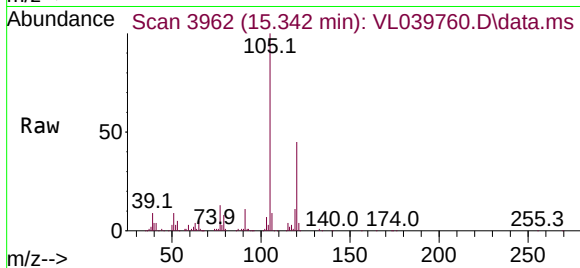
120 45.2 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 1.053 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.006 min

Lab File: VL039760.D

Acq: 24 Oct 2022 15:13

Tgt Ion:105 Resp: 275038

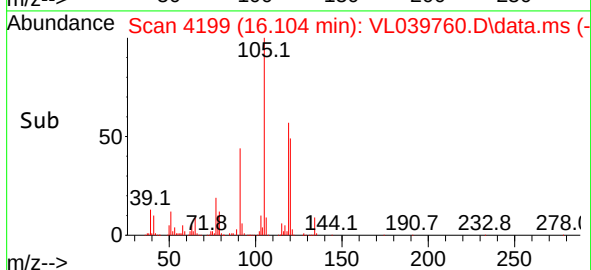
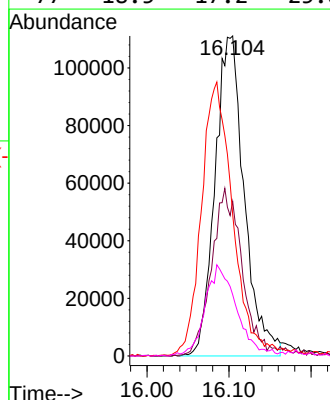
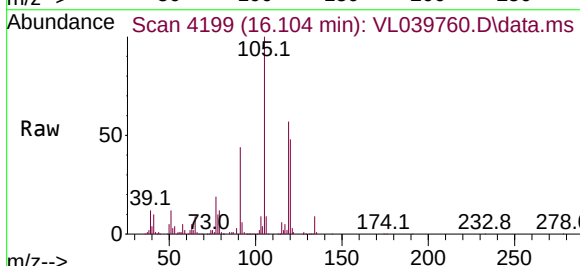
Ion Ratio Lower Upper

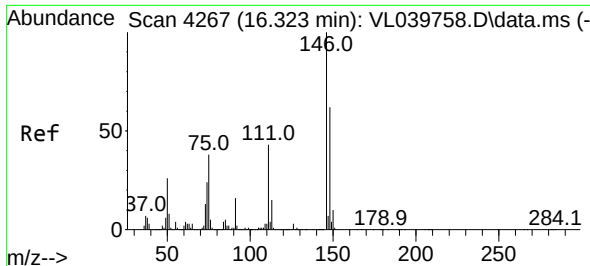
105 100

120 48.0 37.6 56.4

91 42.1 40.1 60.1

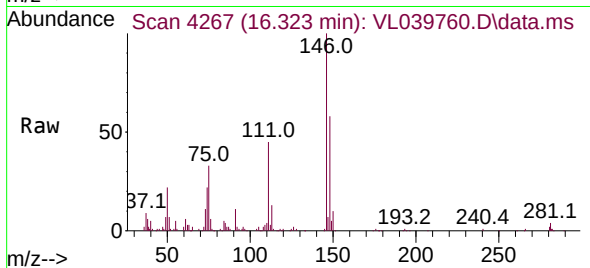
77 18.5 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 1.057 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

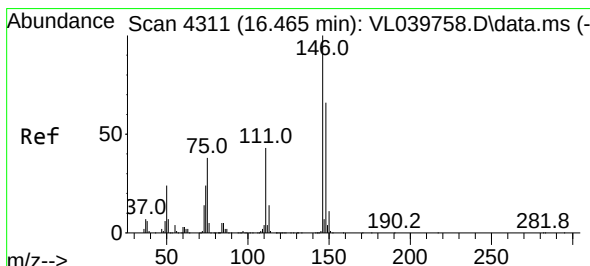
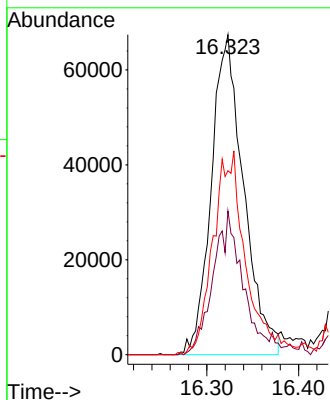
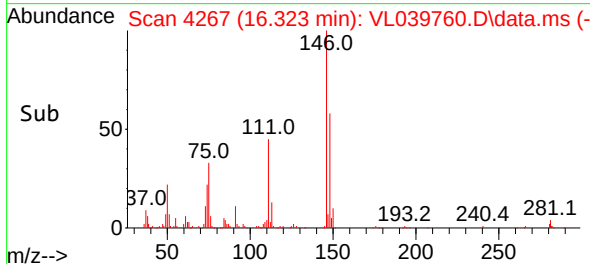
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



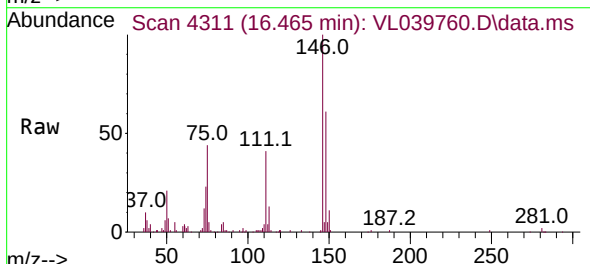
Tgt Ion:146 Resp: 165289
Ion Ratio Lower Upper
146 100
111 43.7 22.8 68.3
148 64.0 32.6 97.7

Manual Integrations
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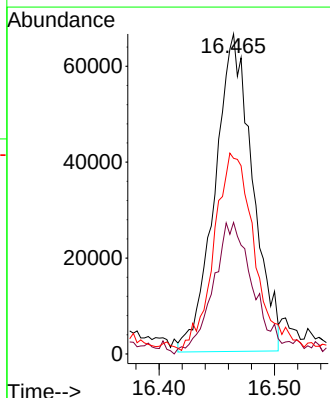
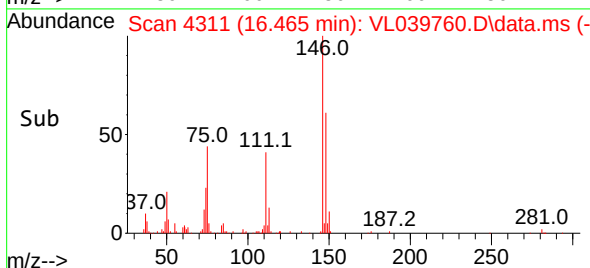
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

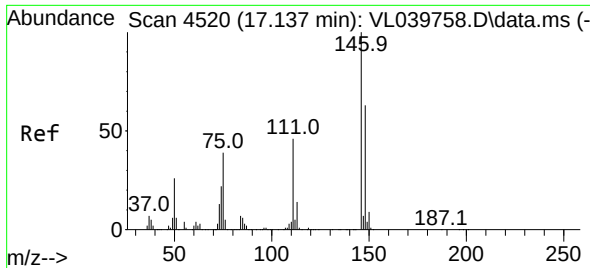


#76
1,4-Dichlorobenzene
Concen: 0.986 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion:146 Resp: 150681
Ion Ratio Lower Upper
146 100
111 47.0 22.1 66.5
148 72.2 33.2 99.6





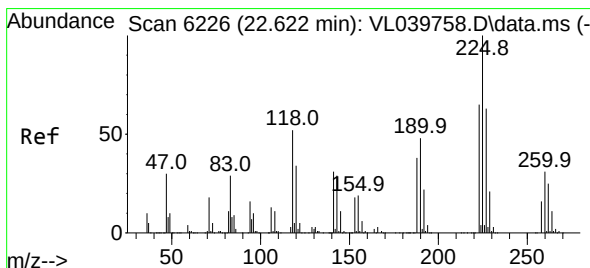
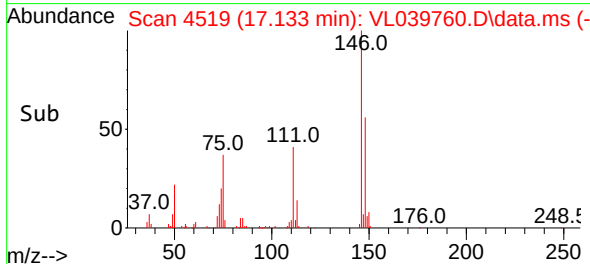
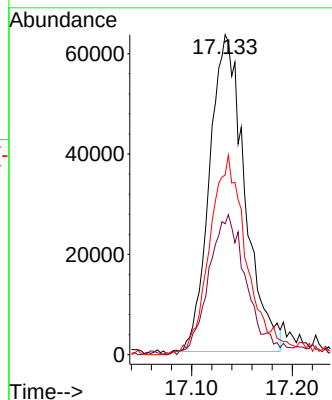
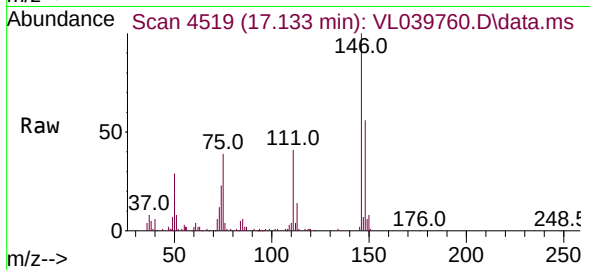
#77
1,2-Dichlorobenzene
Concen: 1.012 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. 0.003 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 15385
Ion Ratio Lower Upper
146 100
111 50.9 23.6 70.8
148 68.4 32.8 98.3

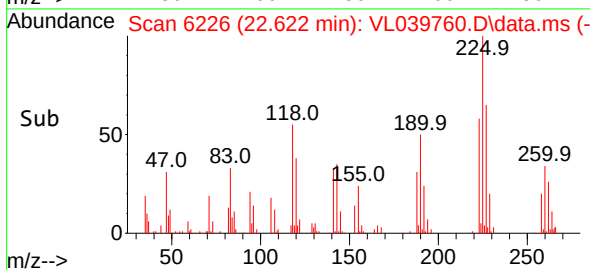
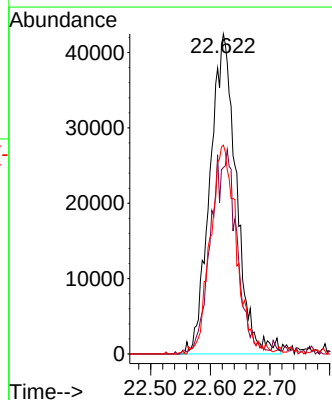
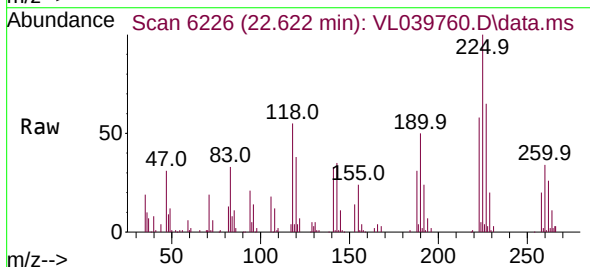
Manual Integrations
APPROVED

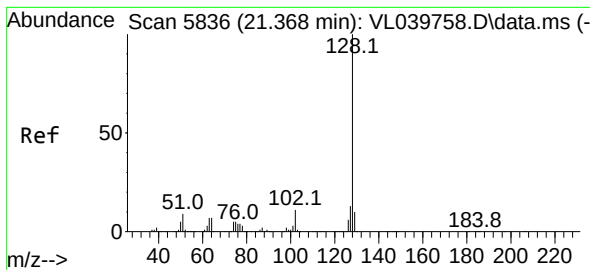
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
Hexachloro-1,3-Butadiene
Concen: 1.185 ppbv m
RT: 22.622 min Scan# 6226
Delta R.T. -0.000 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

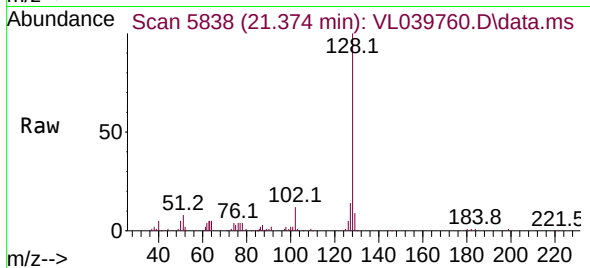
Tgt Ion:225 Resp: 130163
Ion Ratio Lower Upper
225 100
223 63.3 52.4 78.6
227 64.4 52.7 79.1





#79
Naphthalene
Concen: 1.028 ppbv
RT: 21.374 min Scan# 5836
Delta R.T. 0.006 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13

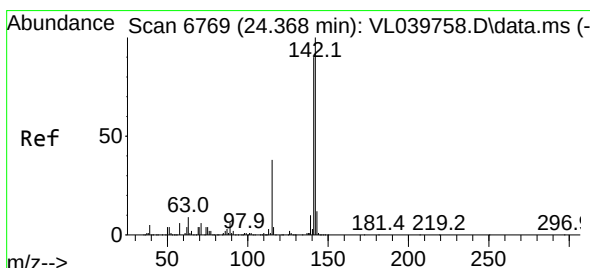
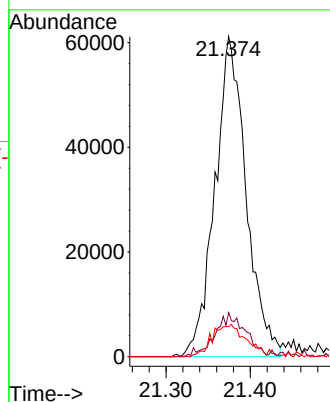
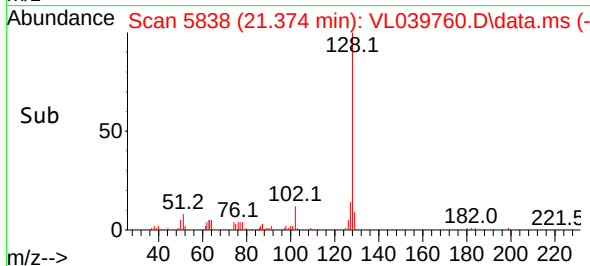
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



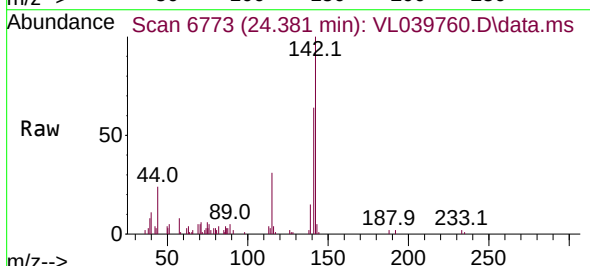
Tgt Ion:128 Resp: 15722
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 9.1 9.4 14.0

Manual Integrations
APPROVED

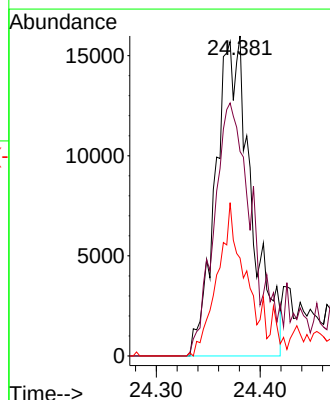
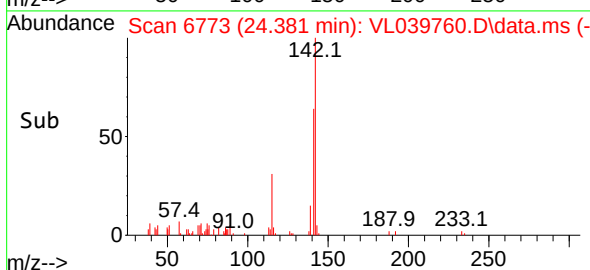
Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

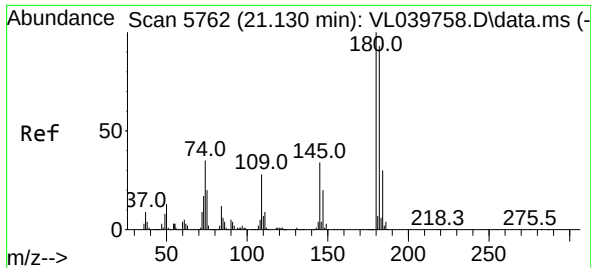


#80
Naphthalene,2-methyl-
Concen: 0.839 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.010 min
Lab File: VL039760.D
Acq: 24 Oct 2022 15:13



Tgt Ion:142 Resp: 38331
Ion Ratio Lower Upper
142 100
141 93.7 70.0 105.0
115 40.5 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.983 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL039760.D

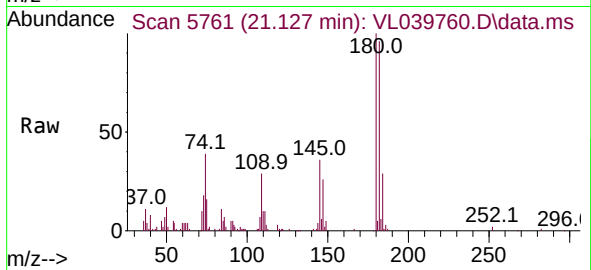
Acq: 24 Oct 2022 15:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:	180	Resp:	100729
Ion	Ratio	Lower	Upper
180	100		
182	105.7	0.0	0.0
184	30.7	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2022
Supervised By :Mahesh Dadoda 10/31/2022

