

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039842.D
 Acq On : 7 Nov 2022 16:35
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/08/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:14:46 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1044436	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2537971	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2485714m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1985568m 10.672 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1193247	6.767	ppbv	100
3) Chlorodifluoromethane	2.690	51	1152301	9.254	ppbv	96
4) Chloromethane	2.829	50	594278	7.665	ppbv	100
5) Vinyl Chloride	2.935	62	555806	8.855	ppbv	95
6) Bromomethane	3.134	94	219122	9.787	ppbv	98
7) Chloroethane	3.214	64	180963	7.693	ppbv	98
8) Dichlorotetrafluoroethane	2.874	85	1341804	8.929	ppbv	94
9) Propene	2.710	41	507255	7.819	ppbv	96
10) Heptane	7.578	43	1315294	8.463	ppbv	100
11) Trichlorofluoromethane	3.575	101	1379425	9.592	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	914279	8.803	ppbv	98
13) Ethanol	3.266	45	29221m	6.373	ppbv	
14) Bromoethene	3.378	108	397672	8.551	ppbv	98
15) Acetone	3.481	43	888715	6.991	ppbv	98
16) 1,3-Butadiene	2.999	39	509921	8.625	ppbv	95
17) tert-Butyl alcohol	3.886	59	974369	8.048	ppbv	98
18) 1,1-Dichloroethene	3.890	96	422307	8.868	ppbv	90
19) Isopropyl Alcohol	3.587	45	457916	7.277	ppbv #	32
20) Methylene Chloride	3.941	84	323606	7.115	ppbv	93
21) Allyl Chloride	4.009	41	603842	7.509	ppbv	98
22) trans-1,2-Dichloroethene	4.452	96	398671	8.248	ppbv	88
23) Vinyl Acetate	4.636	43	231575m	4.572	ppbv	
24) 1,1-Dichloroethane	4.568	63	835714	8.078	ppbv	99
25) Ethyl Acetate	5.211	43	2515680	9.607	ppbv	98
26) Hexane	5.218	57	958124	8.206	ppbv	88
27) Carbon Disulfide	4.131	76	962751	7.853	ppbv	97
28) Methyl tert-Butyl Ether	4.594	73	794590	7.519	ppbv	99
29) Chloroform	5.279	83	1561872	9.514	ppbv	99
30) Cyclohexane	6.603	84	827831	8.479	ppbv	98
31) cis-1,2-Dichloroethene	5.082	61	964248	9.057	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1565608	9.579	ppbv	98
34) 2-Butanone	4.793	43	1162572	11.104	ppbv	95
35) Carbon Tetrachloride	6.494	117	1529011	10.336	ppbv	98
36) Benzene	6.369	78	2049109	9.571	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1169018	11.381	ppbv	97
38) Trichloroethene	7.288	130	855818	7.468	ppbv	94
39) 1,2-Dichloropropane	7.070	63	830958	9.962	ppbv	96
40) 1,4-Dioxane	7.285	88	300936	9.421	ppbv #	1
41) Tetrahydrofuran	5.562	42	851230	9.728	ppbv	98
42) Bromodichloromethane	7.250	83	1749588	10.664	ppbv	99
43) Methyl Methacrylate	7.478	69	863283	10.203	ppbv	96
44) 2,2,4-Trimethylpentane	7.324	57	3483877	9.641	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	674976	8.328	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

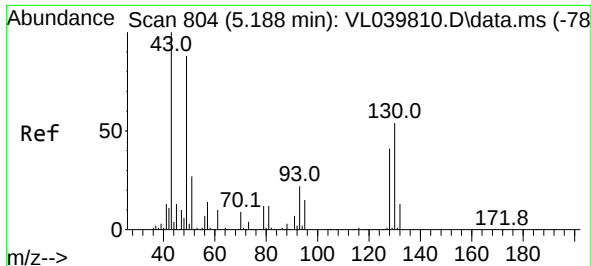
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

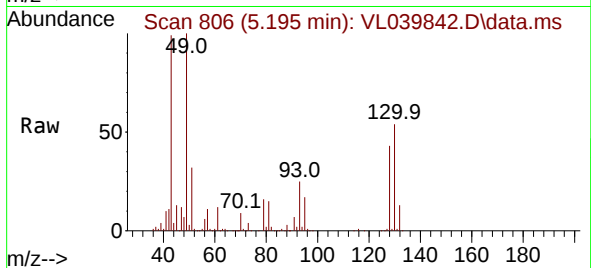
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	972238	8.788	ppbv	97
47) 1,1,2-Trichloroethane	8.896	97	824344	9.760	ppbv	94
48) Dibromochloromethane	9.703	129	1389521	9.655	ppbv	100
49) Bromoform	12.401	173	1113236	9.623	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2138667	9.977	ppbv	100
51) 2-Hexanone	9.549	43	1670064	9.992	ppbv	99
52) Tetrachloroethene	10.610	164	669212	8.343	ppbv	97
53) Toluene	9.221	91	2279361	9.281	ppbv	99
54) 1,2-Dibromoethane	10.002	107	1083170	11.555	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1016220	9.562	ppbv	99
57) Chlorobenzene	11.523	112	1624613	8.616	ppbv	93
58) Ethyl Benzene	12.082	91	3088576	9.190	ppbv	96
59) m/p-Xylene	12.368	91	5134974m	18.303	ppbv	
60) o-Xylene	13.053	91	2462658	9.265	ppbv	97
61) Styrene	12.892	104	1421939	8.694	ppbv	97
62) Isopropylbenzene	14.024	105	3706886	9.560	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.040	83	1449300	14.642	ppbv	99
64) n-propylbenzene	14.912	120	946506	9.126	ppbv	84
65) tert-Butylbenzene	16.085	119	3104204	9.118	ppbv	93
66) Benzyl Chloride	16.323	91	167926m	4.242	ppbv	
67) sec-Butylbenzene	16.632	105	4484717	9.677	ppbv	97
69) p-Isopropyltoluene	16.992	119	3537907	9.204	ppbv	97
70) n-Butylbenzene	17.883	91	3825179	10.293	ppbv	98
71) 2-Chlorotoluene	14.796	91	2866107	9.838	ppbv	96
72) 4-Ethyltoluene	15.188	105	2829163	9.453	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2518106	9.491	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	2659480	9.434	ppbv	97
75) 1,3-Dichlorobenzene	16.323	146	1456384	8.848	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1397538	8.653	ppbv	98
77) 1,2-Dichlorobenzene	17.137	146	1422098	9.165	ppbv	99
78) Hexachloro-1,3-Butadiene	22.628	225	935096	8.134	ppbv	99
79) Naphthalene	21.374	128	1908129	9.310	ppbv	98
80) Naphthalene,2-methyl-	24.378	142	501329	5.769	ppbv	93
81) 1,2,4-Trichlorobenzene	21.133	180	1024611m	8.937	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

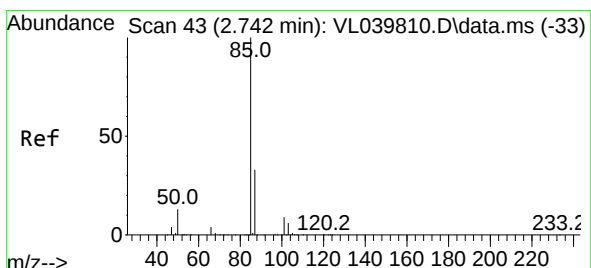
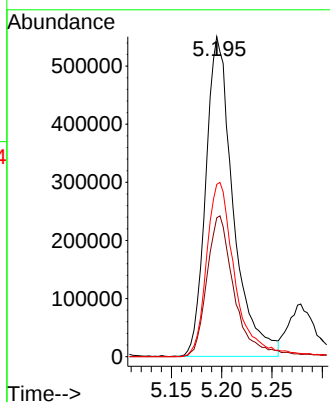
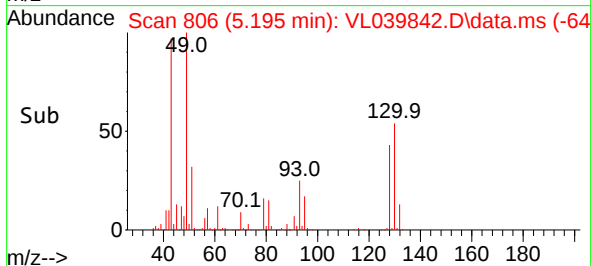
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



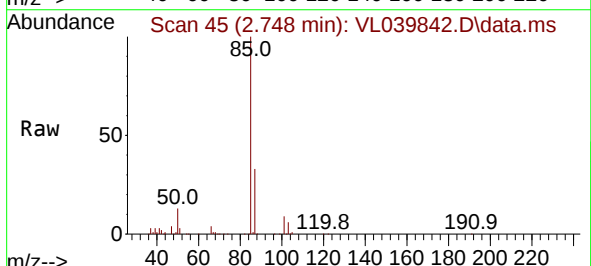
Tgt Ion: 49 Resp: 1044436
Ion Ratio Lower Upper
49 100
128 44.8 24.6 73.6
130 57.1 31.1 93.2

Manual Integrations
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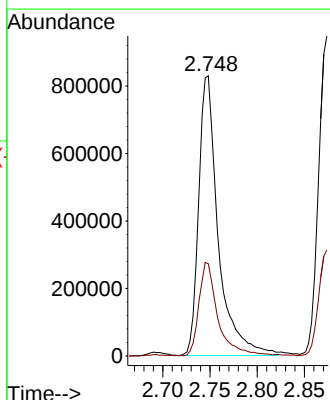
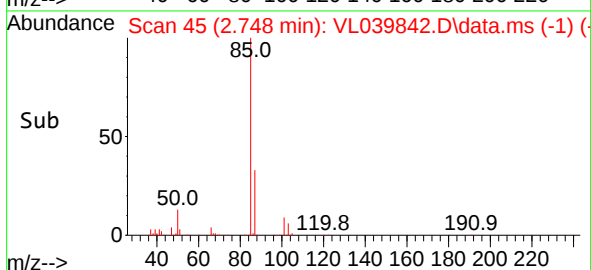
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

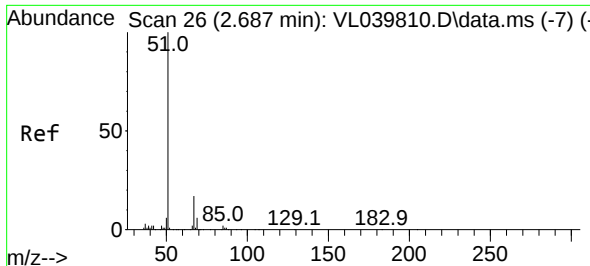


#2
Dichlorodifluoromethane
Concen: 6.767 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



Tgt Ion: 85 Resp: 1193247
Ion Ratio Lower Upper
85 100
87 32.9 26.4 39.6





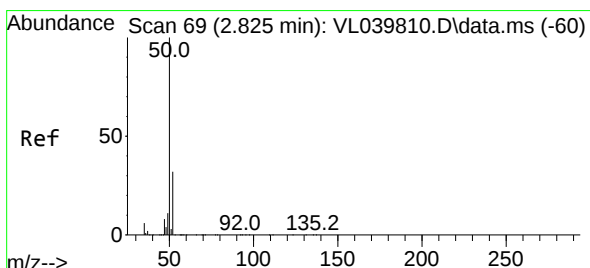
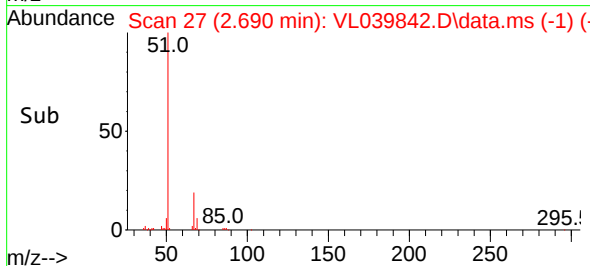
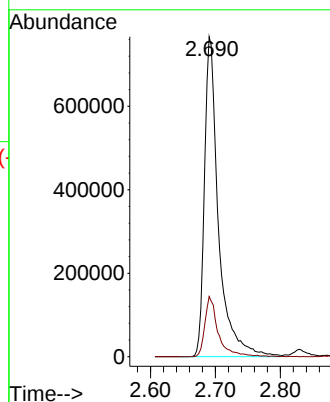
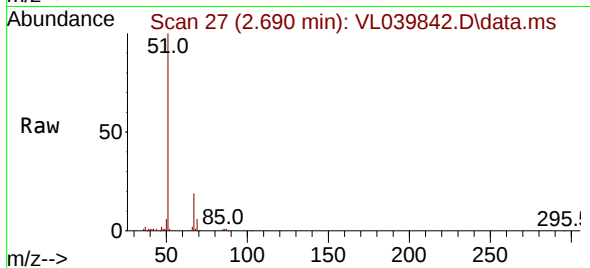
#3
Chlorodifluoromethane
Concen: 9.254 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 115230
Ion Ratio Lower Upper
51 100
67 18.1 13.2 19.8

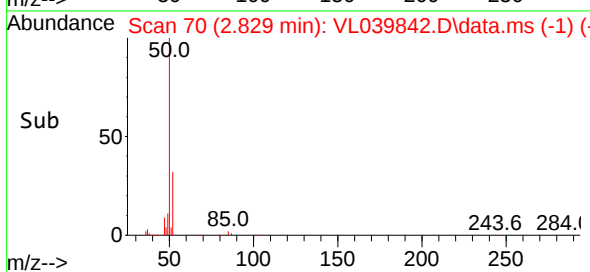
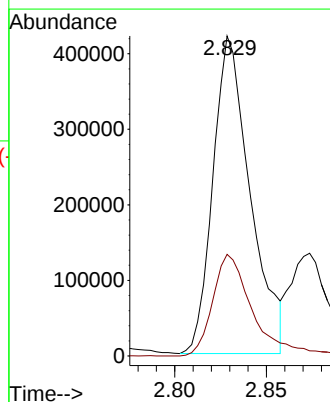
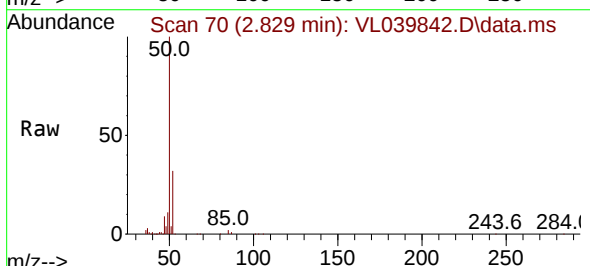
Manual Integrations
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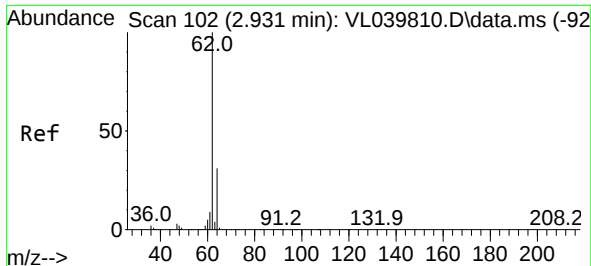
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#4
Chloromethane
Concen: 7.665 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

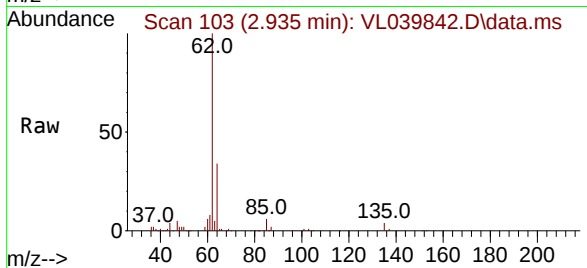
Tgt Ion: 50 Resp: 594278
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3





#5
 Vinyl Chloride
 Concen: 8.855 ppbv
 RT: 2.935 min Scan# 102
 Delta R.T. 0.003 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

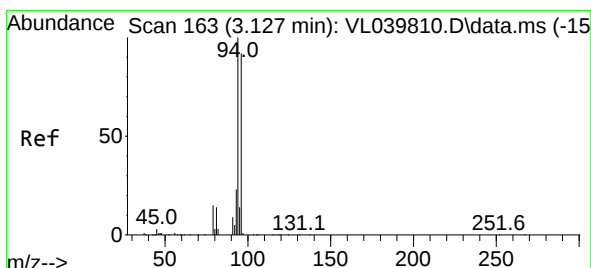
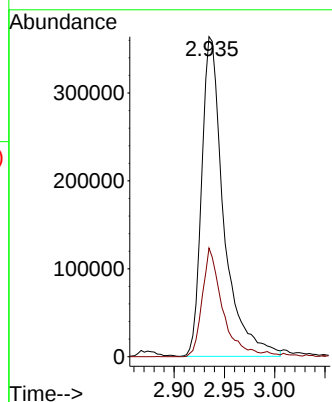
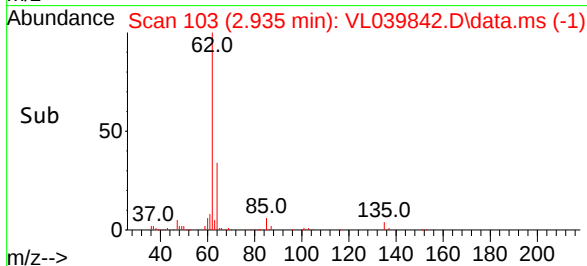
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



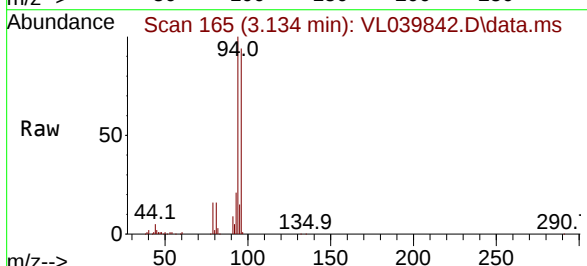
Tgt Ion: 62 Resp: 555800
 Ion Ratio Lower Upper
 62 100
 64 34.0 25.0 37.4

Manual Integrations
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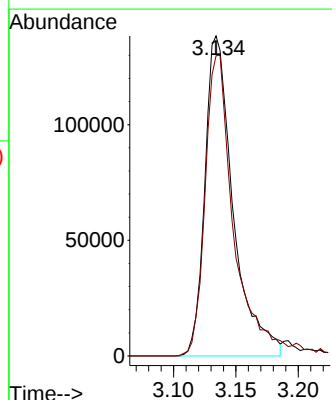
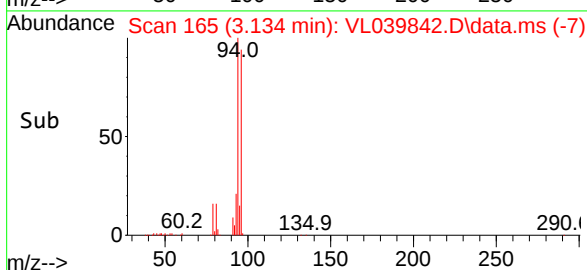
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

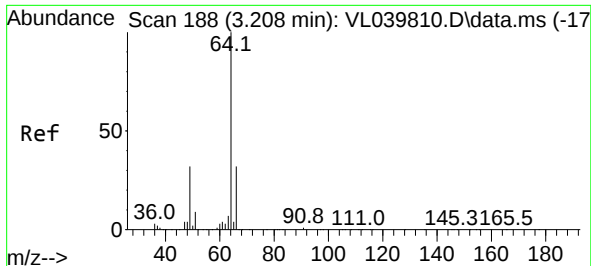


#6
 Bromomethane
 Concen: 9.787 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.007 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35



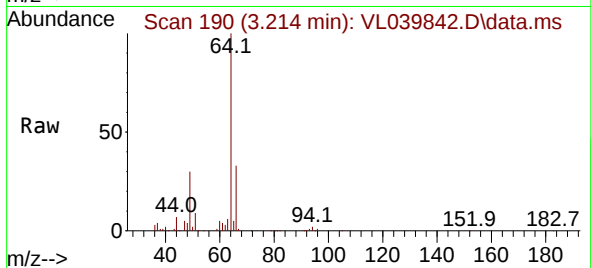
Tgt Ion: 94 Resp: 219122
 Ion Ratio Lower Upper
 94 100
 96 93.6 73.5 110.3





#7
Chloroethane
Concen: 7.693 ppbv
RT: 3.214 min Scan# 188
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

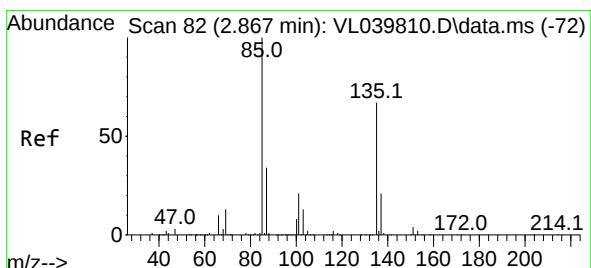
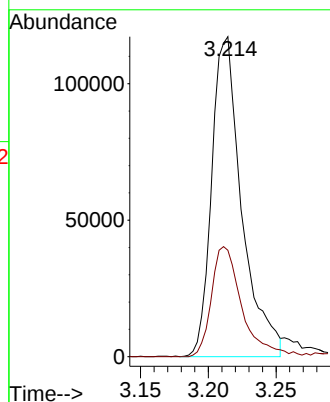
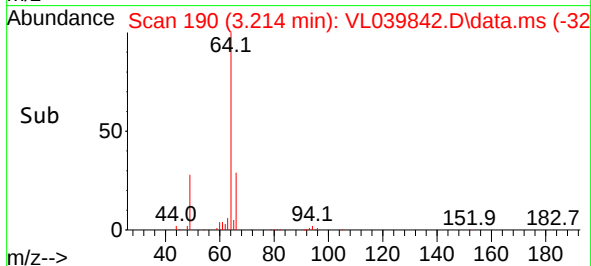
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 18096
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3

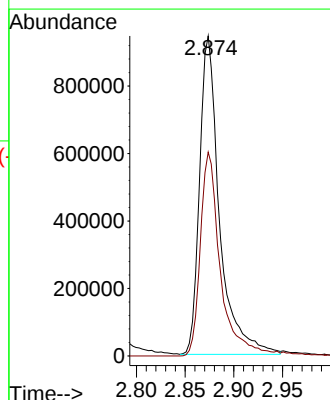
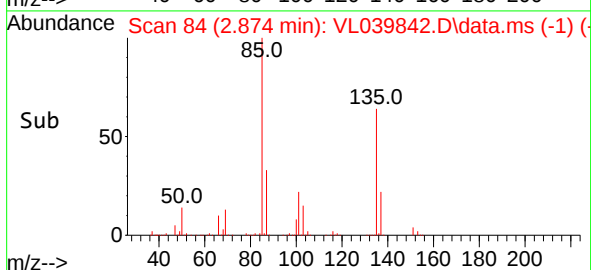
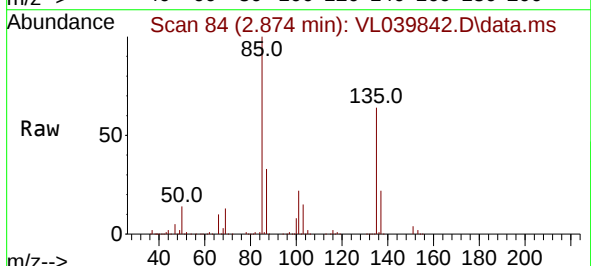
Manual Integrations
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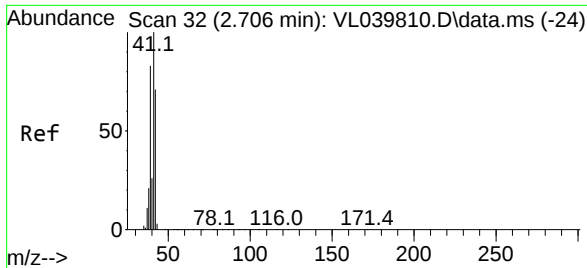
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#8
Dichlorotetrafluoroethane
Concen: 8.929 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Tgt Ion: 85 Resp: 1341804
Ion Ratio Lower Upper
85 100
135 65.8 56.7 85.1





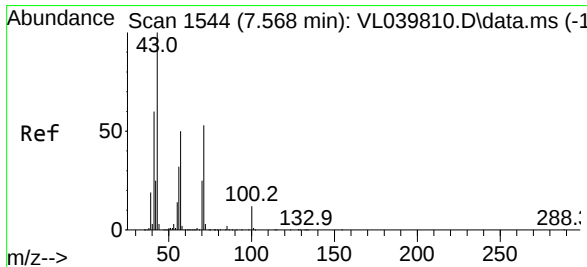
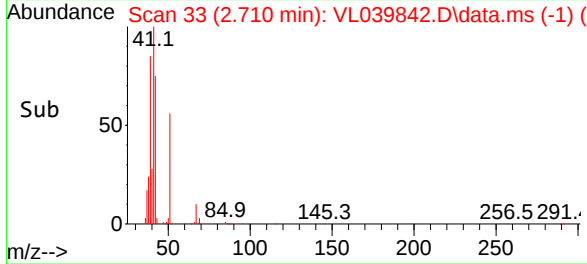
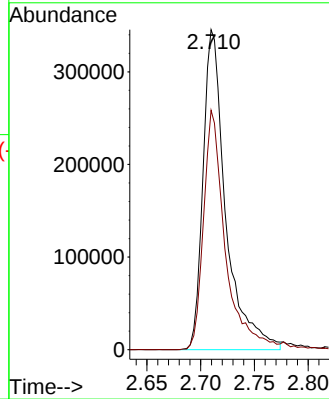
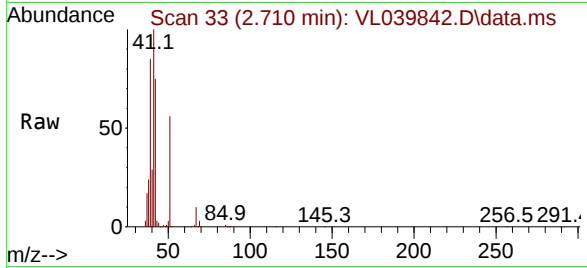
#9
 Propene
 Concen: 7.819 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 50725
 Ion Ratio Lower Upper
 41 100
 42 73.6 56.3 84.5

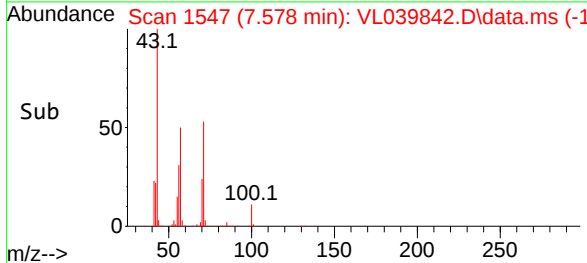
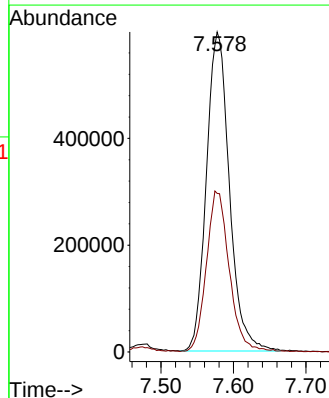
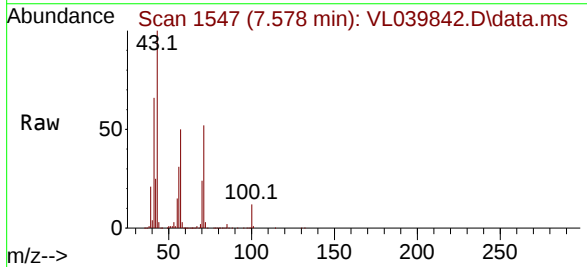
Manual Integrations
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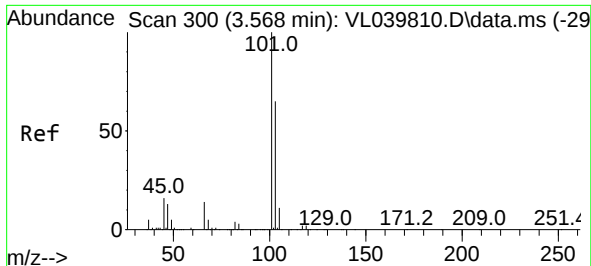
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#10
 Heptane
 Concen: 8.463 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

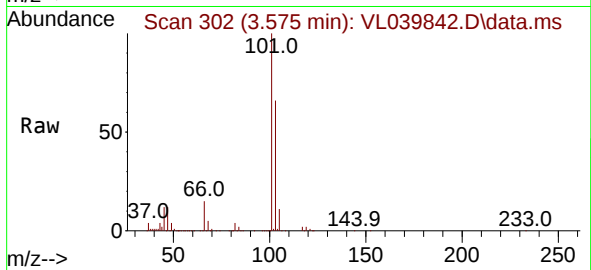
Tgt Ion: 43 Resp: 1315294
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.592 ppbv
RT: 3.575 min Scan# 300
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

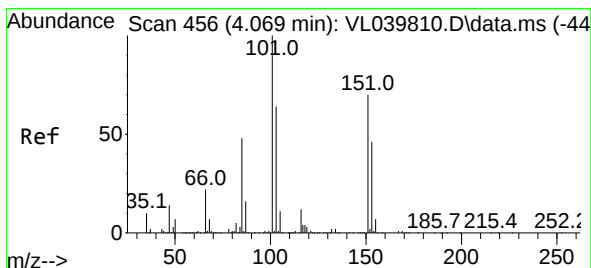
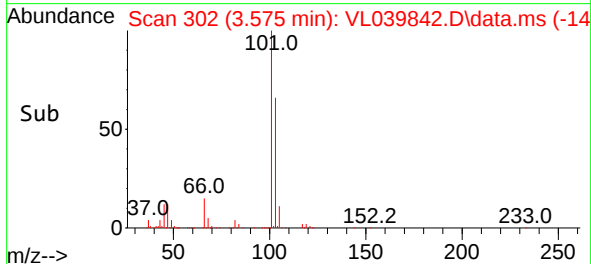
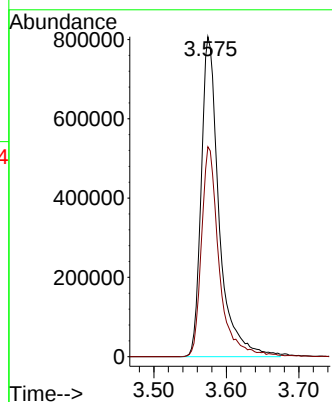
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 137942
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2

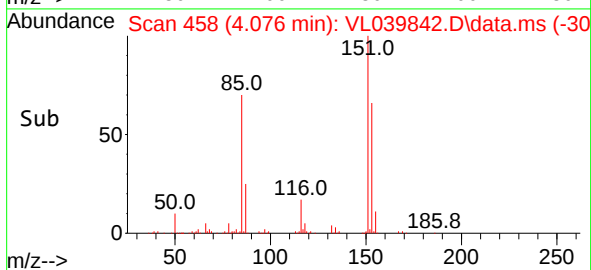
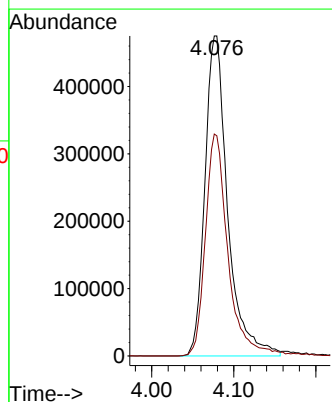
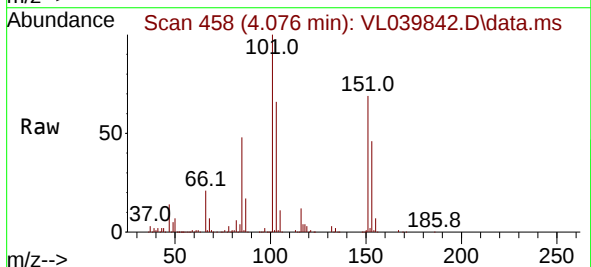
Manual Integrations
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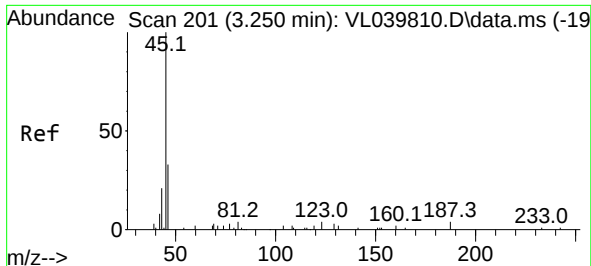
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.803 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Tgt Ion:101 Resp: 914279
Ion Ratio Lower Upper
101 100
151 69.6 57.2 85.8





#13

Ethanol

Concen: 6.373 ppbv m

RT: 3.266 min Scan# 206

Delta R.T. 0.016 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 2922

Ion Ratio Lower Upper

45 100

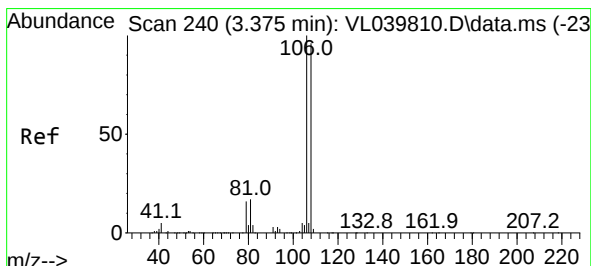
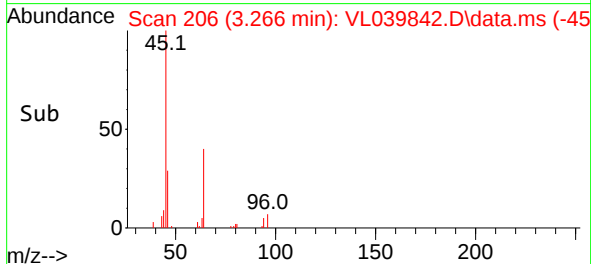
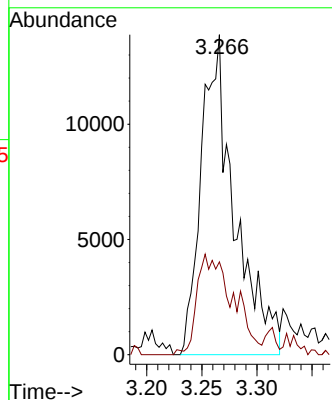
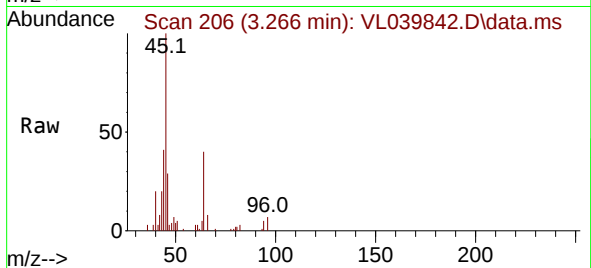
46 33.9 16.5 65.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#14

Bromoethene

Concen: 8.551 ppbv

RT: 3.378 min Scan# 241

Delta R.T. 0.003 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

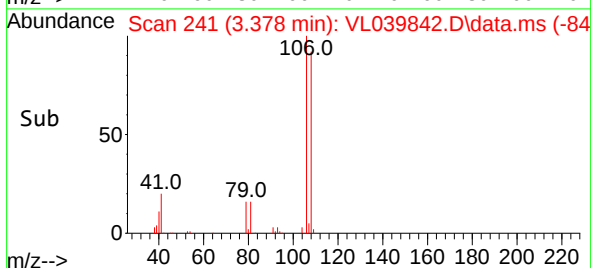
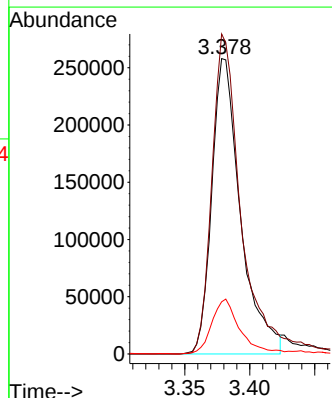
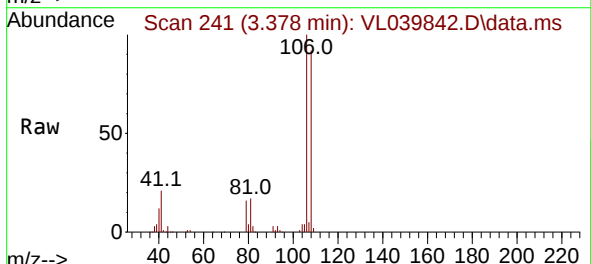
Tgt Ion:108 Resp: 397672

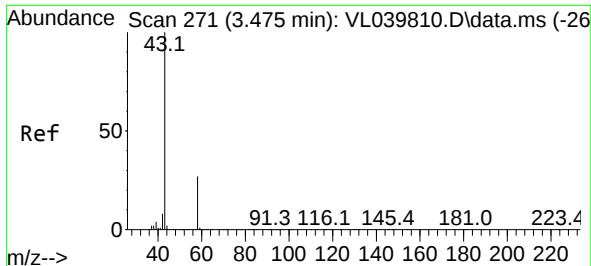
Ion Ratio Lower Upper

108 100

106 112.4 87.8 131.8

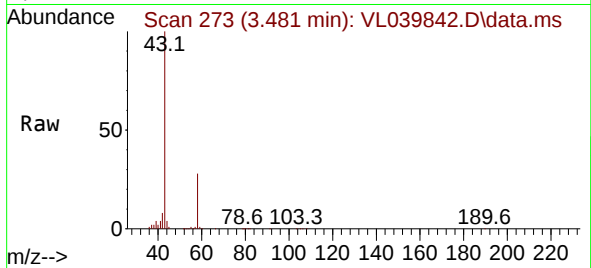
79 19.0 14.5 21.7





#15
Acetone
Concen: 6.991 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

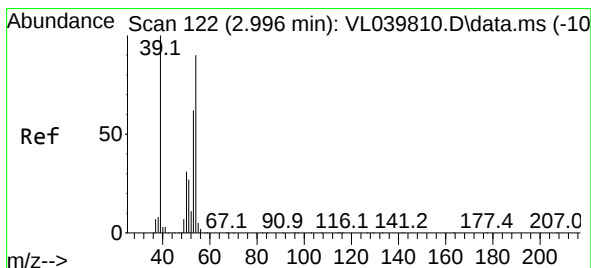
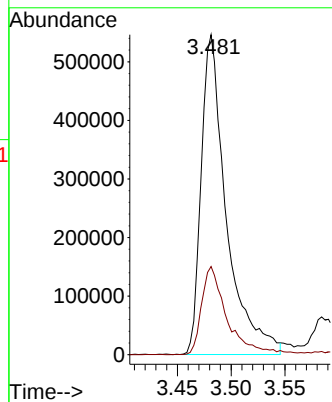
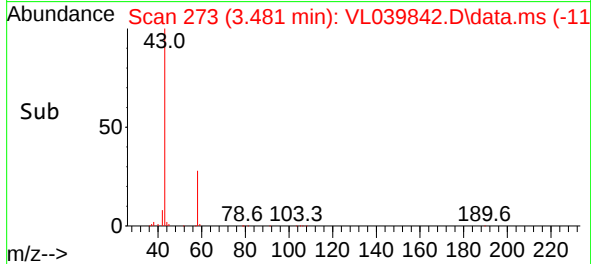
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



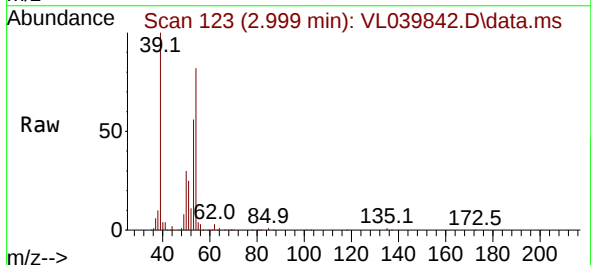
Tgt Ion: 43 Resp: 888715
Ion Ratio Lower Upper
43 100
58 28.1 23.2 34.8

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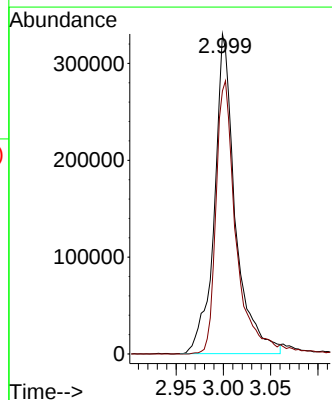
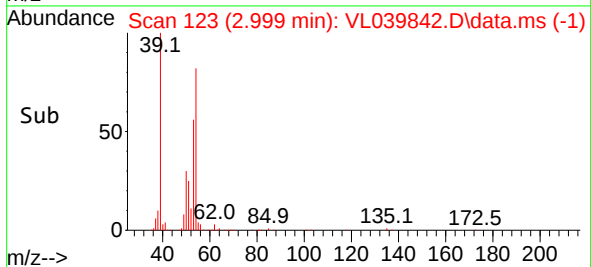
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

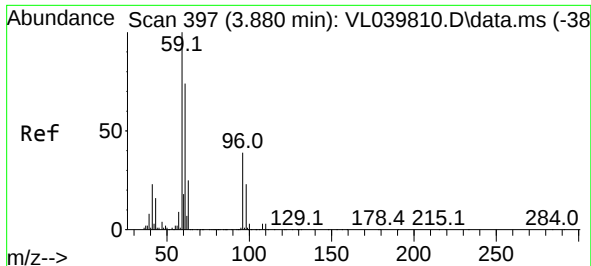


#16
1,3-Butadiene
Concen: 8.625 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



Tgt Ion: 39 Resp: 509921
Ion Ratio Lower Upper
39 100
54 84.2 71.0 106.4





#17

tert-Butyl alcohol

Concen: 8.048 ppbv

RT: 3.886 min Scan# 397

Delta R.T. 0.007 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 974369

Ion Ratio Lower Upper

59 100

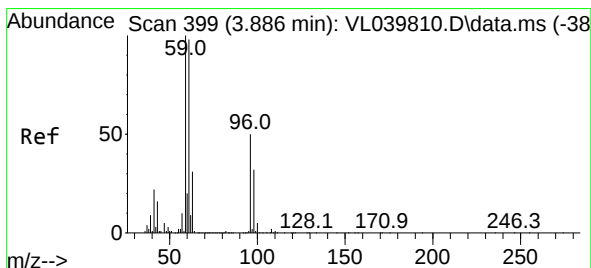
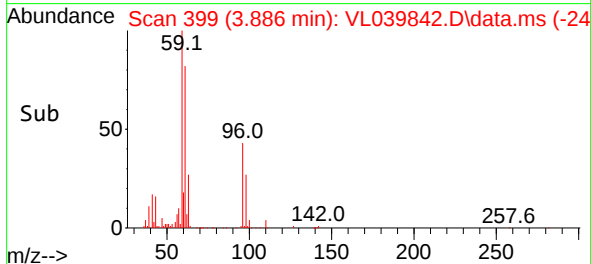
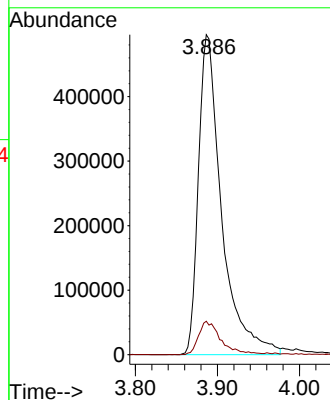
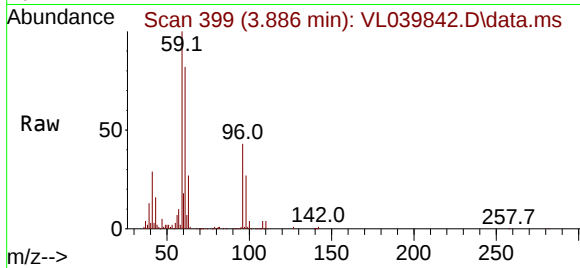
57 10.5 9.0 13.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#18

1,1-Dichloroethene

Concen: 8.868 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

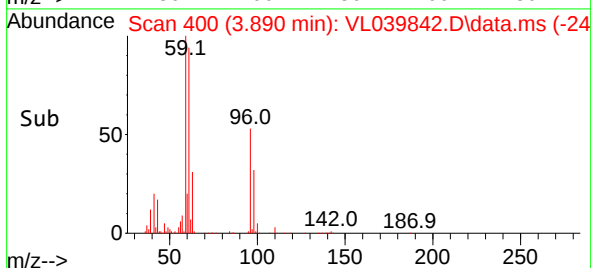
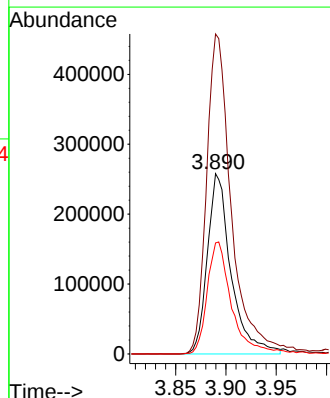
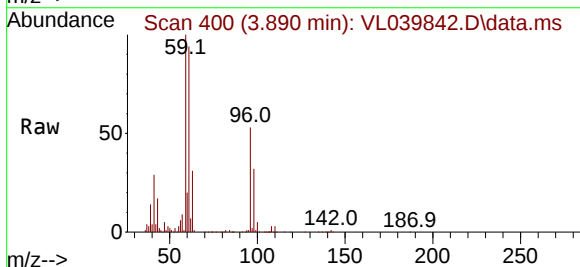
Tgt Ion: 96 Resp: 422307

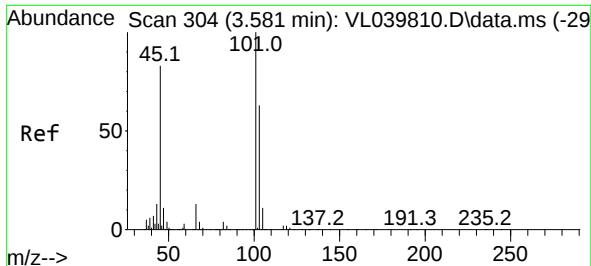
Ion Ratio Lower Upper

96 100

61 177.5 156.9 235.3

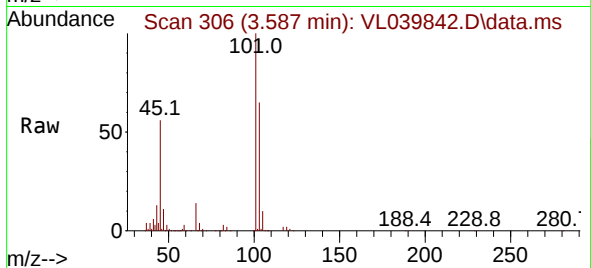
98 61.6 50.6 75.8





#19
Isopropyl Alcohol
Concen: 7.277 ppbv
RT: 3.587 min Scan# 304
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

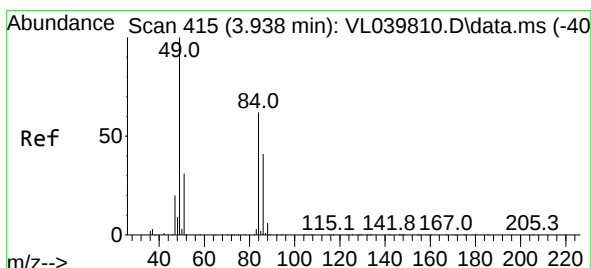
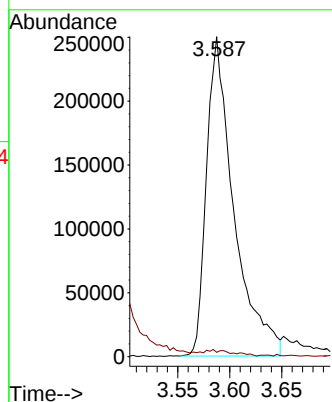
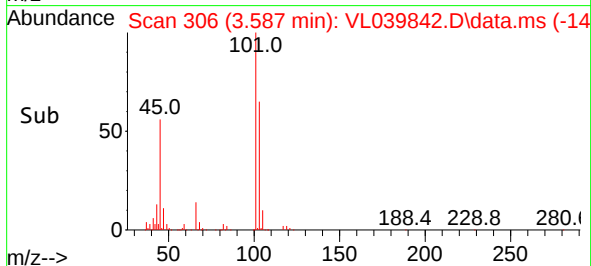
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



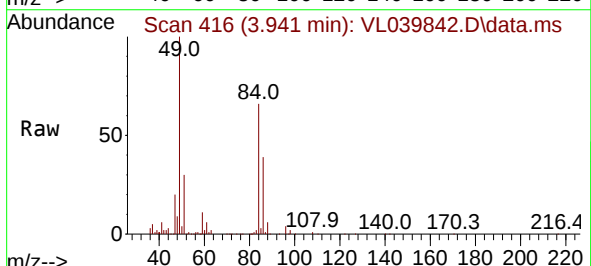
Tgt Ion: 45 Resp: 457910
Ion Ratio Lower Upper
45 100
58 2.0 38.3 57.5

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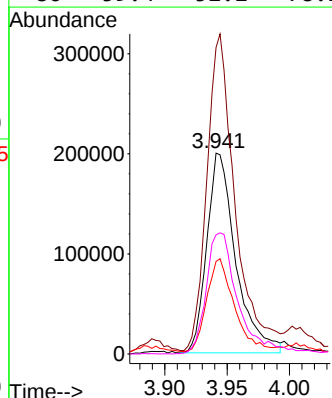
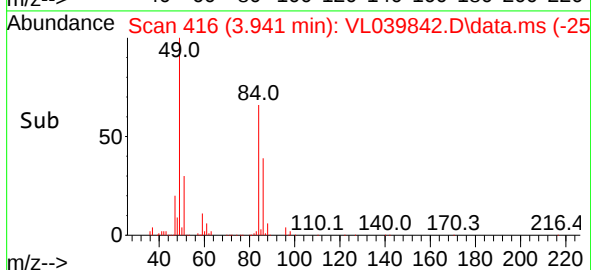
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

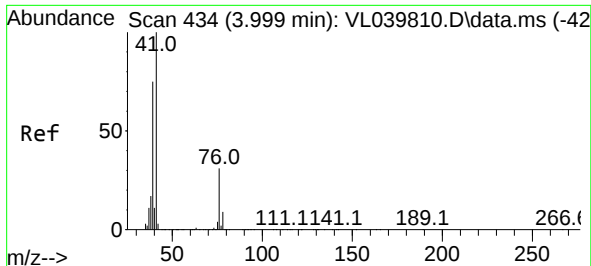


#20
Methylene Chloride
Concen: 7.115 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



Tgt Ion: 84 Resp: 323606
Ion Ratio Lower Upper
84 100
49 151.6 128.6 192.8
51 45.0 40.2 60.4
86 59.4 52.2 78.2





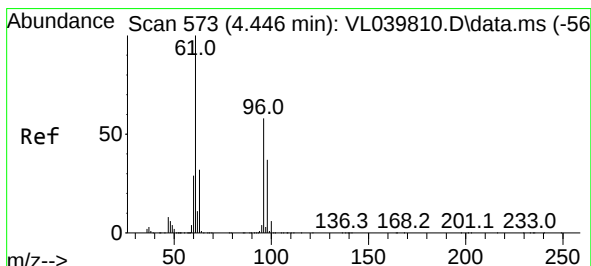
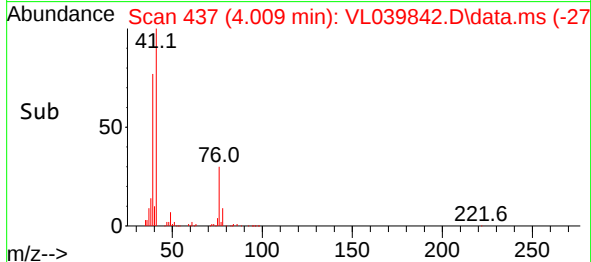
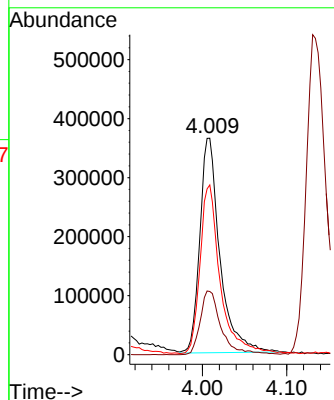
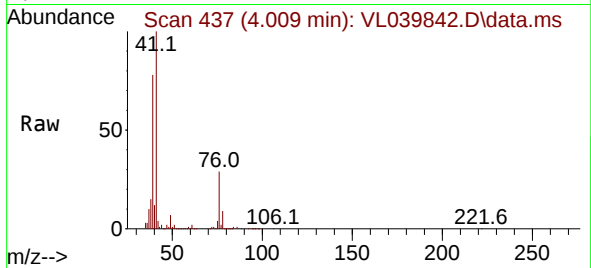
#21
 Allyl Chloride
 Concen: 7.509 ppbv
 RT: 4.009 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 60384
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.1 36.1
 39 82.4 64.3 96.5

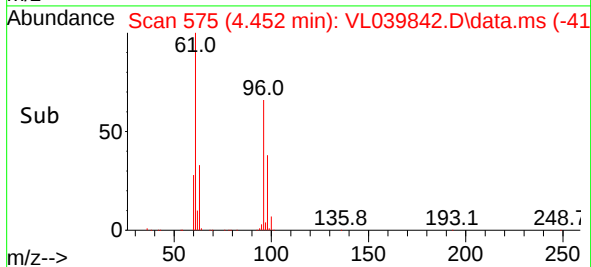
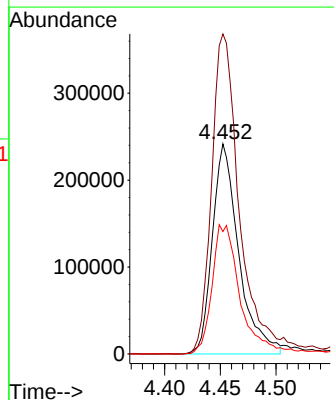
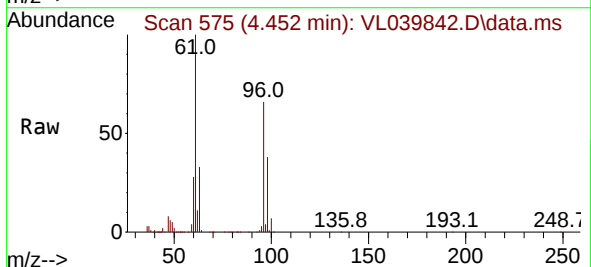
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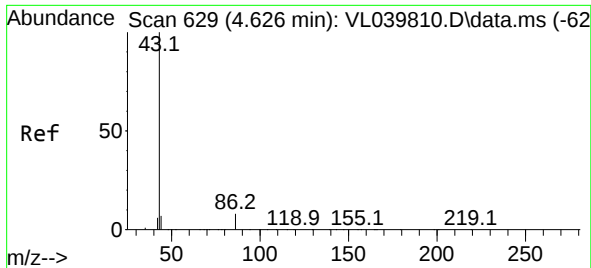
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.248 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.007 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

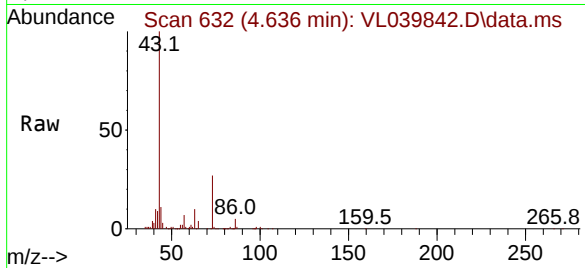
Tgt Ion: 96 Resp: 398671
 Ion Ratio Lower Upper
 96 100
 61 152.4 137.6 206.4
 98 58.3 51.2 76.8





#23
 Vinyl Acetate
 Concen: 4.572 ppbv m
 RT: 4.636 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

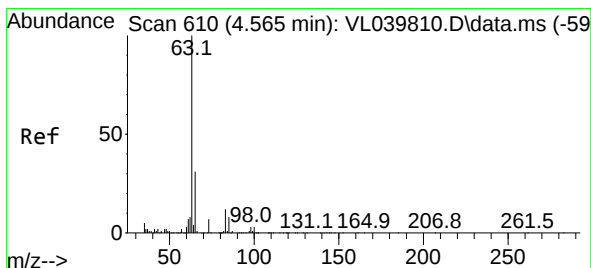
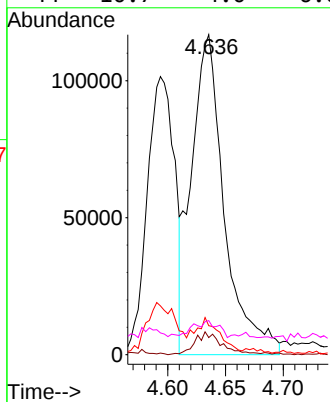
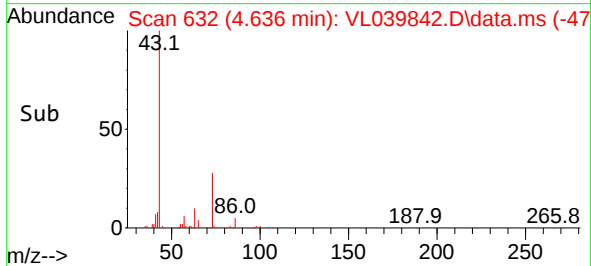
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



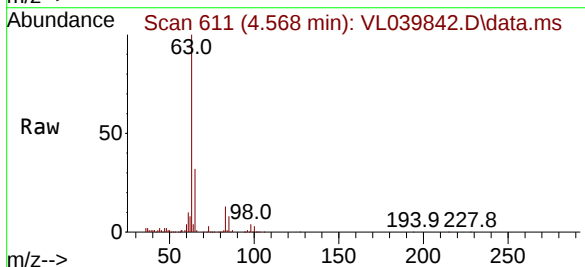
Tgt Ion: 43 Resp: 231579
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.0 7.4
 42 9.1 6.8 10.2
 44 10.7 4.0 6.0#

Manual Integrations
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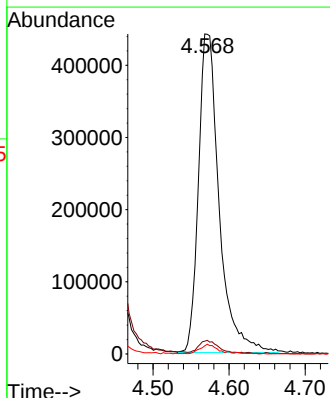
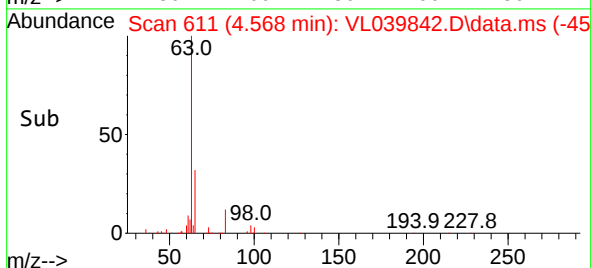
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

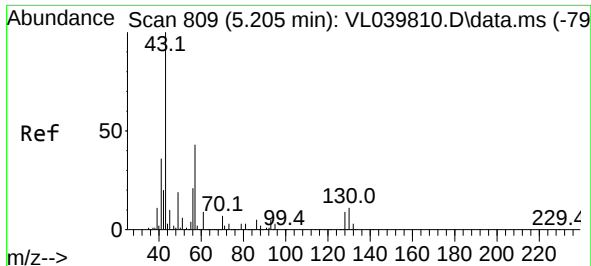


#24
 1,1-Dichloroethane
 Concen: 8.078 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35



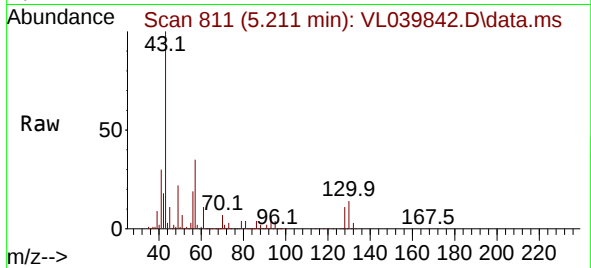
Tgt Ion: 63 Resp: 835714
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.4
 100 2.5 1.5 4.4





#25
Ethyl Acetate
Concen: 9.607 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

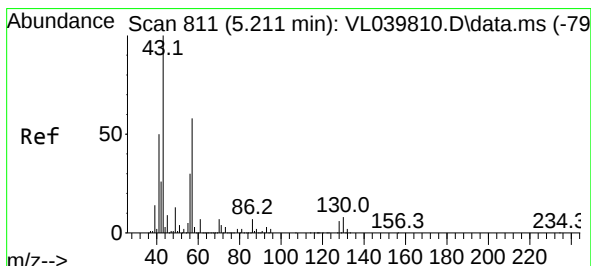
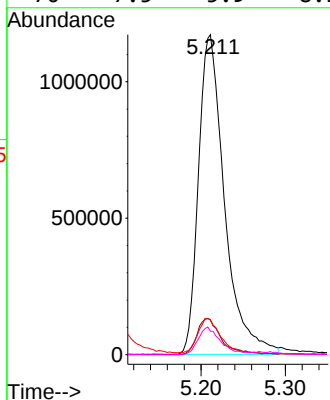
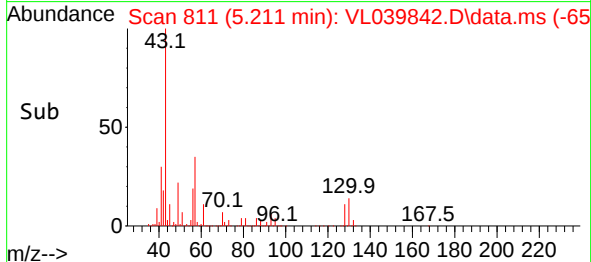
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 251568
Ion Ratio Lower Upper
43 100
45 11.0 8.2 12.2
61 11.1 8.1 12.1
70 7.5 5.9 8.9

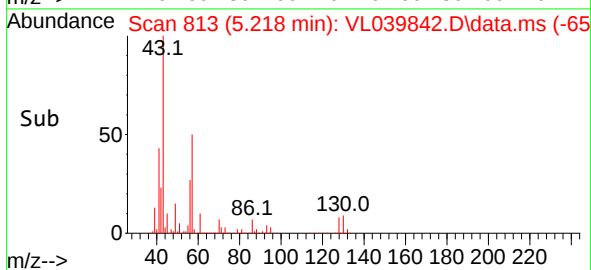
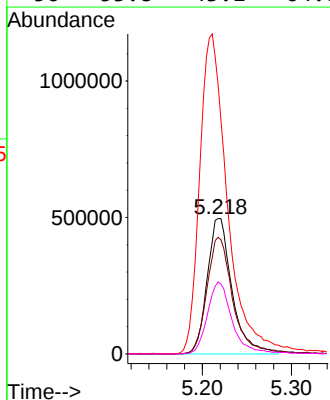
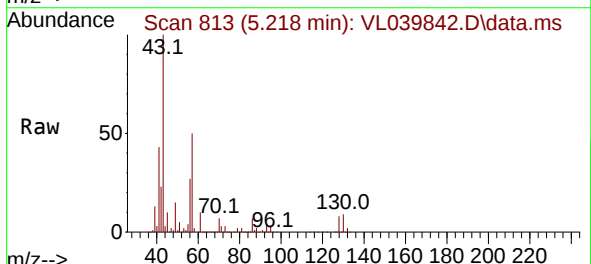
Manual Integrations
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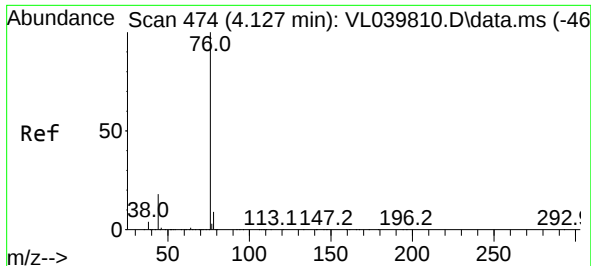
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#26
Hexane
Concen: 8.206 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

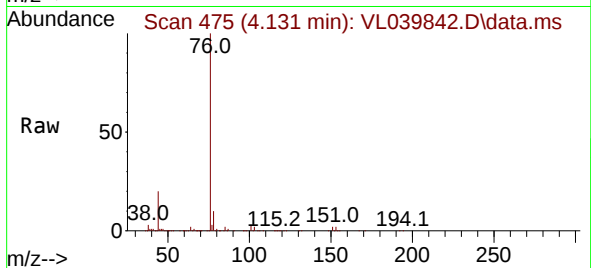
Tgt Ion: 57 Resp: 958124
Ion Ratio Lower Upper
57 100
41 91.8 73.7 110.5
43 268.6 189.8 284.8
56 53.8 43.1 64.7





#27
Carbon Disulfide
Concen: 7.853 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

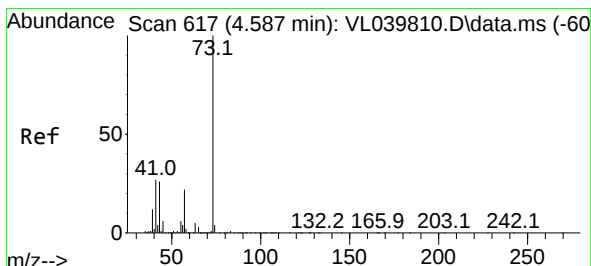
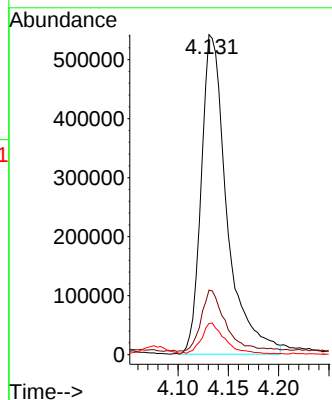
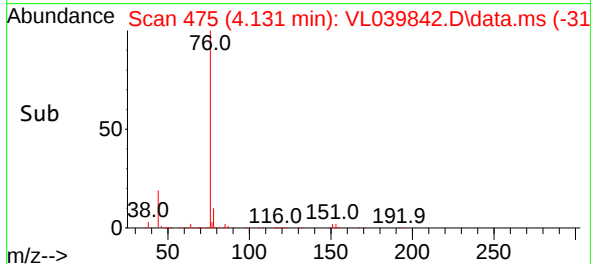
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 96275
Ion Ratio Lower Upper
76 100
44 20.0 14.6 22.0
78 10.1 7.6 11.4

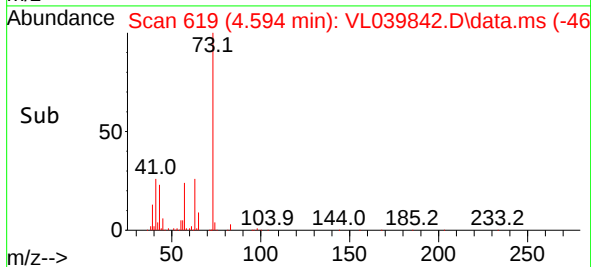
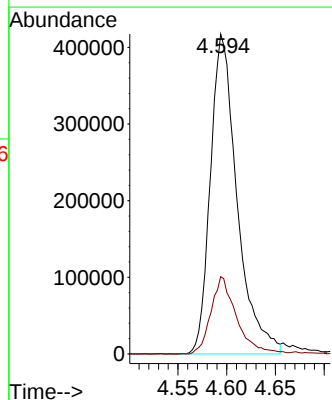
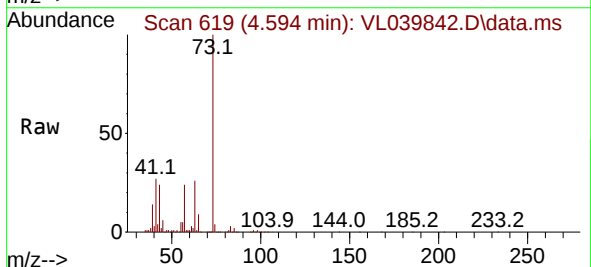
Manual Integrations
APPROVED

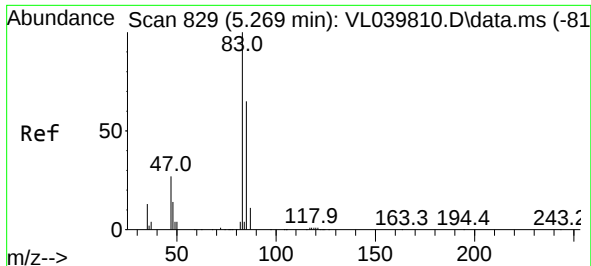
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#28
Methyl tert-Butyl Ether
Concen: 7.519 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Tgt Ion: 73 Resp: 794590
Ion Ratio Lower Upper
73 100
57 23.7 19.4 29.2





#29

Chloroform

Concen: 9.514 ppbv

RT: 5.279 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 156187

Ion Ratio Lower Upper

83 100

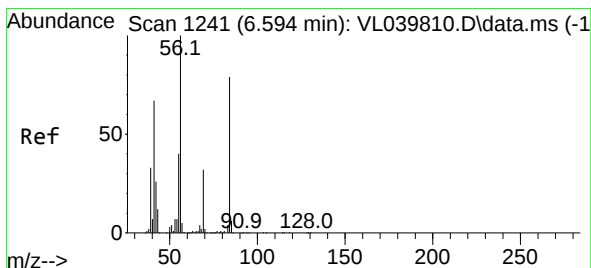
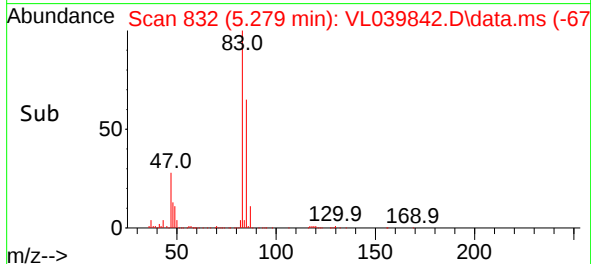
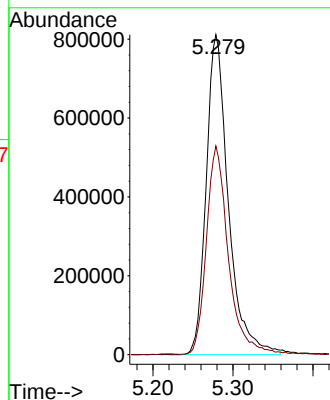
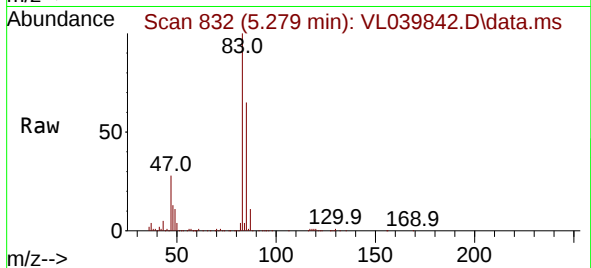
85 65.1 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#30

Cyclohexane

Concen: 8.479 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.010 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

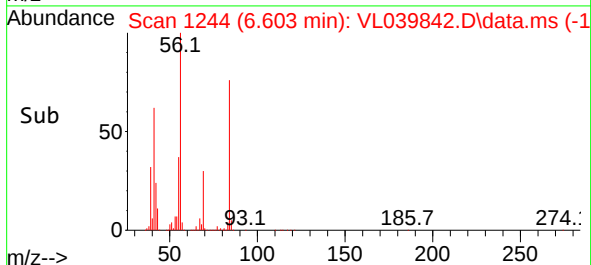
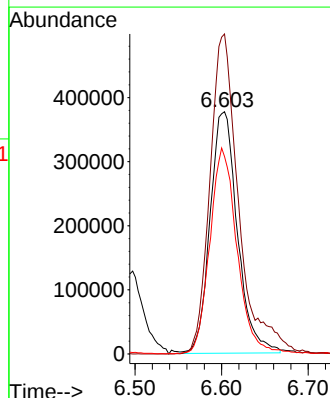
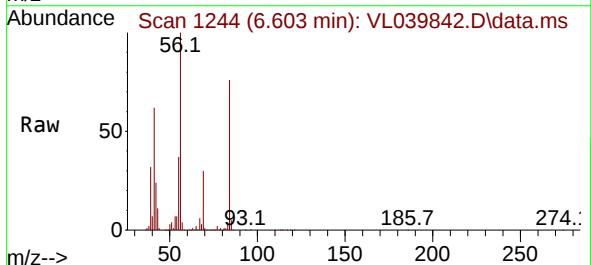
Tgt Ion: 84 Resp: 827831

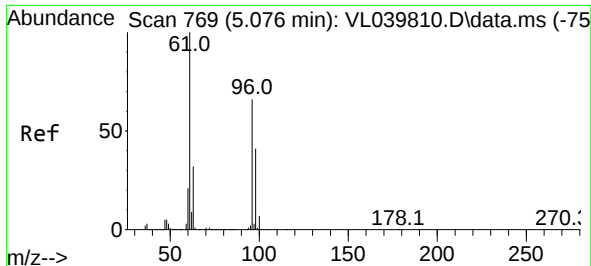
Ion Ratio Lower Upper

84 100

56 140.6 114.8 172.2

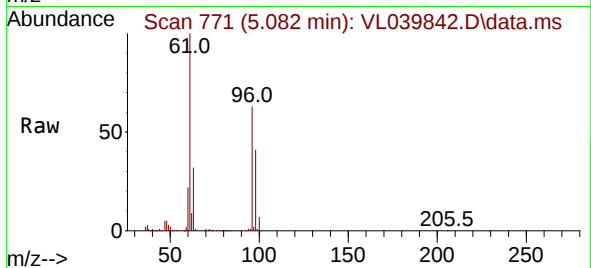
41 84.8 68.6 103.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.057 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

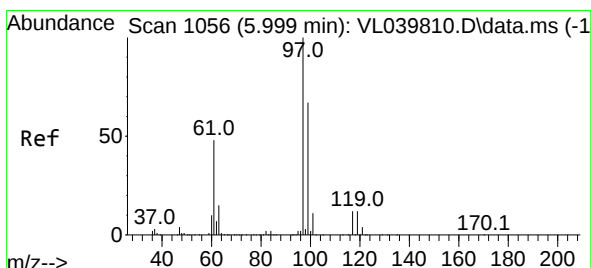
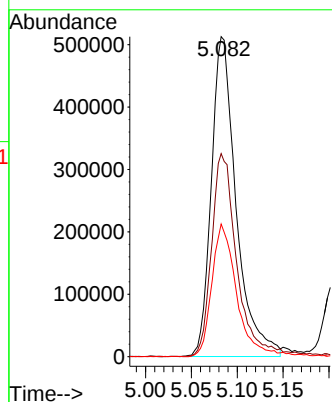
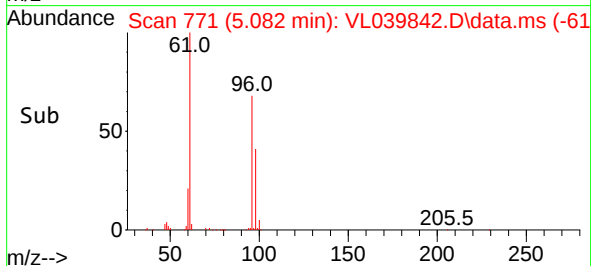
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



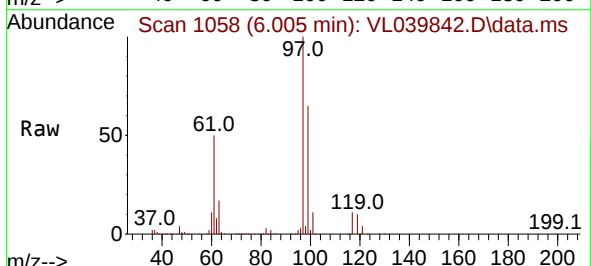
Tgt Ion: 61 Resp: 964248
 Ion Ratio Lower Upper
 61 100
 96 63.5 52.6 78.8
 98 41.4 32.6 48.8

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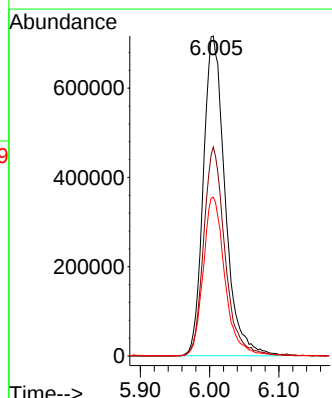
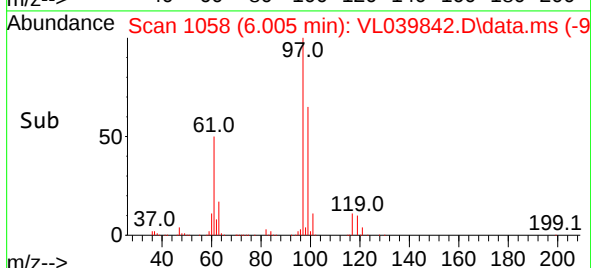
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

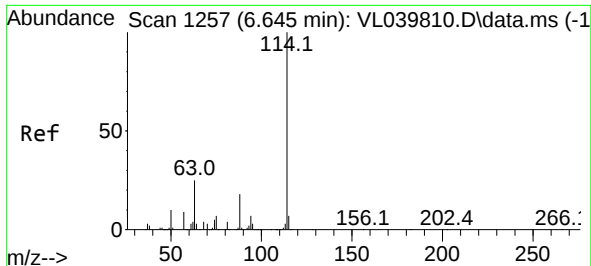


#32
 1,1,1-Trichloroethane
 Concen: 9.579 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.007 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35



Tgt Ion: 97 Resp: 1565608
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.7 79.1
 61 49.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 253797

Ion Ratio Lower Upper

114 100

63 26.4 19.8 29.6

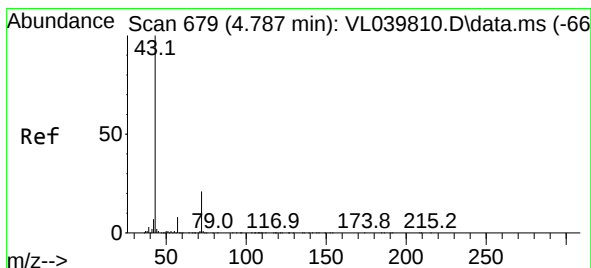
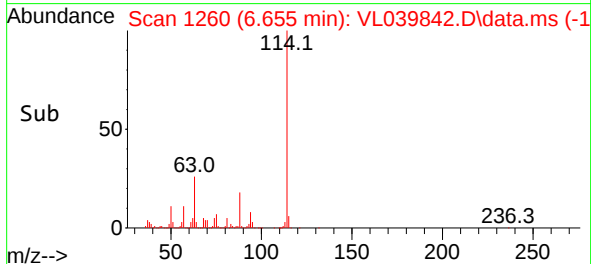
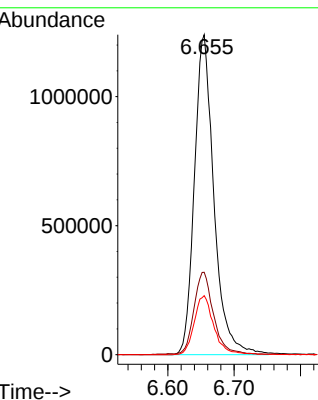
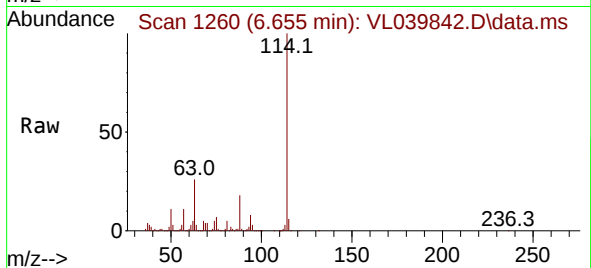
88 18.7 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#34

2-Butanone

Concen: 11.104 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.007 min

Lab File: VL039842.D

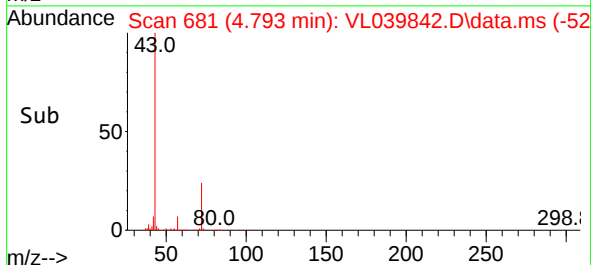
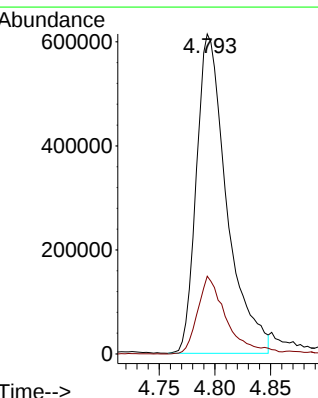
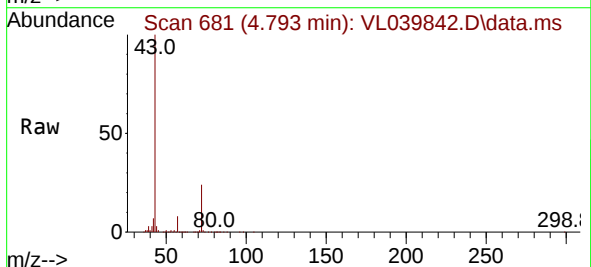
Acq: 7 Nov 2022 16:35

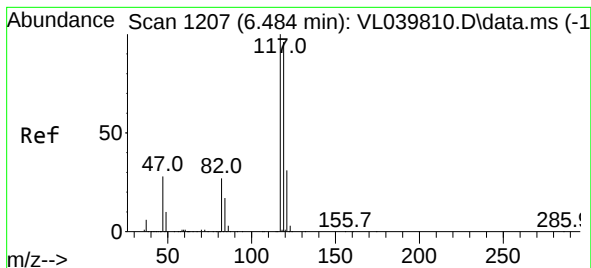
Tgt Ion: 43 Resp: 1162572

Ion Ratio Lower Upper

43 100

72 24.3 17.5 26.3





#35

Carbon Tetrachloride

Concen: 10.336 ppbv

RT: 6.494 min Scan# 1171

Delta R.T. 0.010 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 152901

Ion Ratio Lower Upper

117 100

119 93.2 76.5 114.7

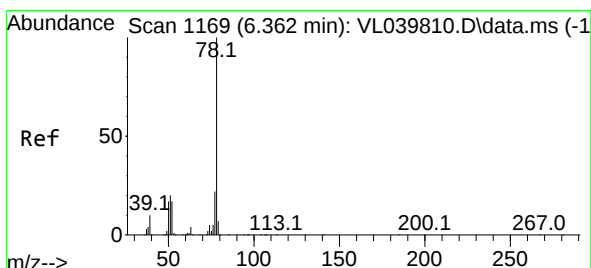
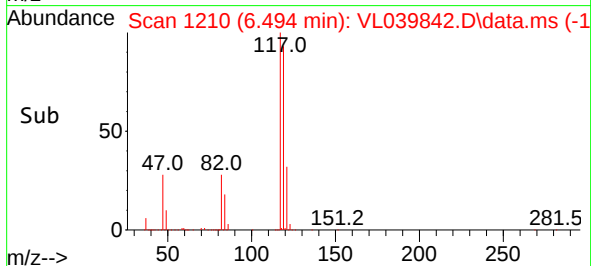
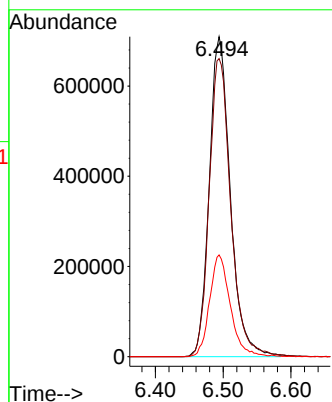
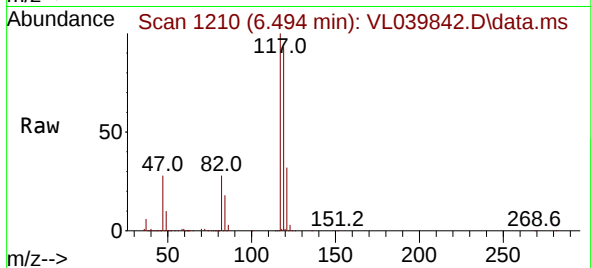
121 31.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#36

Benzene

Concen: 9.571 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.007 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

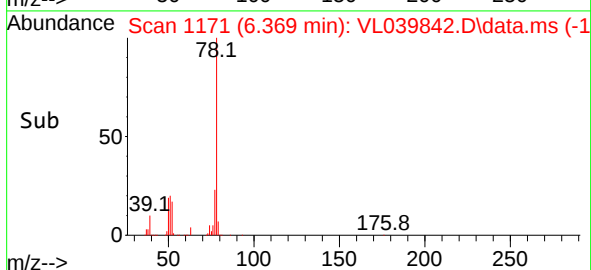
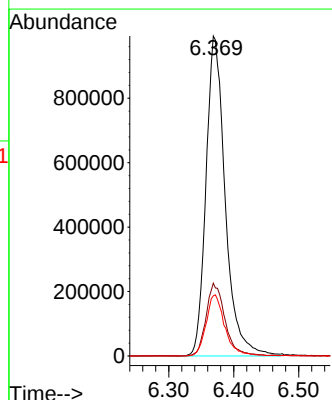
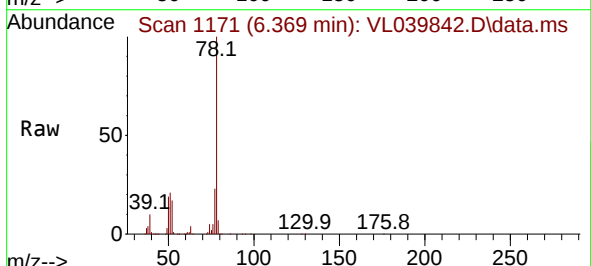
Tgt Ion: 78 Resp: 2049109

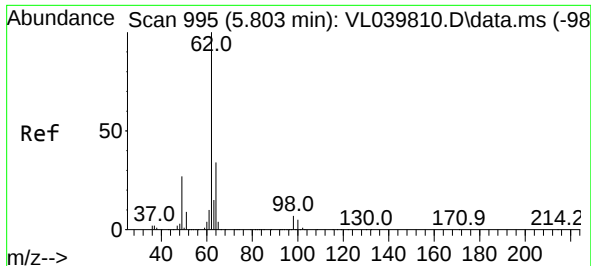
Ion Ratio Lower Upper

78 100

77 22.7 17.4 26.2

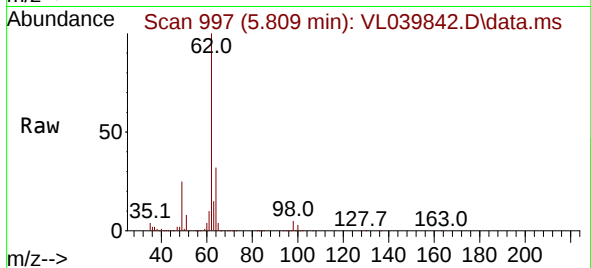
50 18.8 13.9 20.9





#37
1,2-Dichloroethane
Concen: 11.381 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

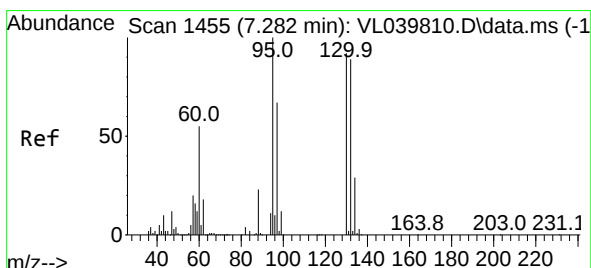
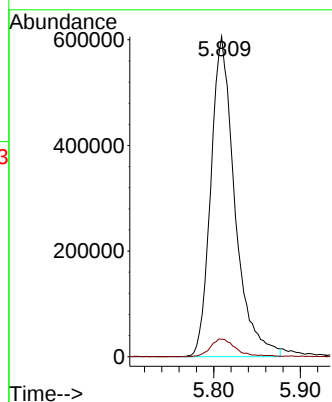
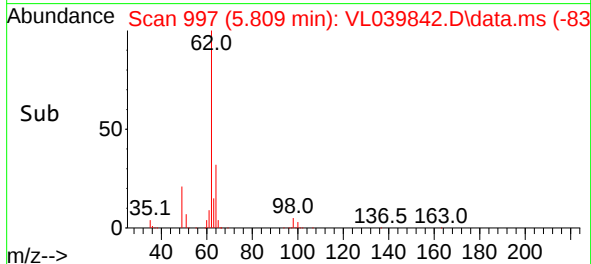
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



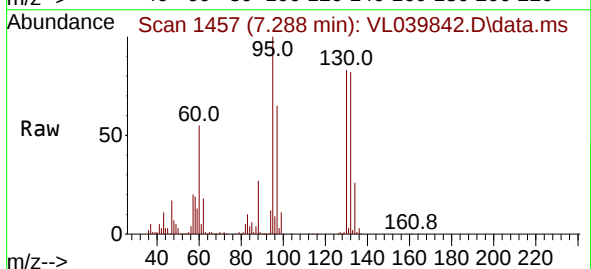
Tgt Ion: 62 Resp: 1169018
Ion Ratio Lower Upper
62 100
98 5.9 5.4 8.2

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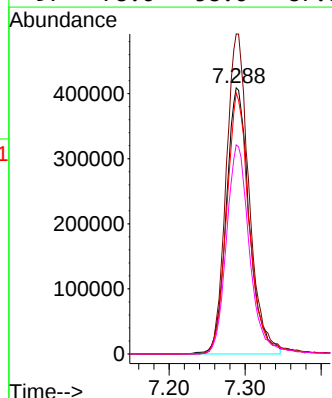
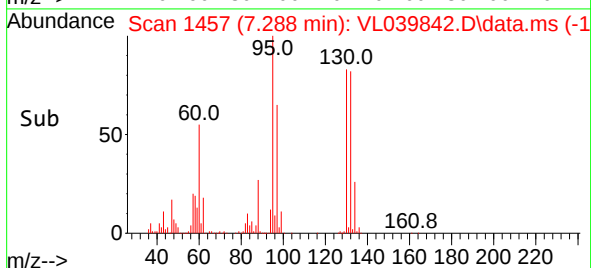
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

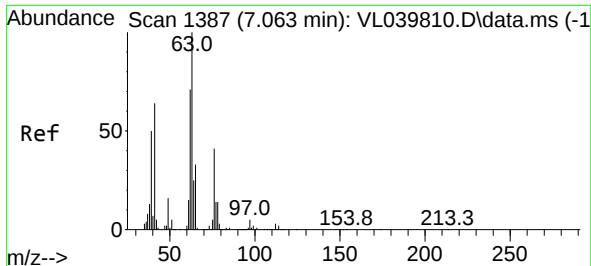


#38
Trichloroethene
Concen: 7.468 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



Tgt Ion:130 Resp: 855818
Ion Ratio Lower Upper
130 100
95 120.3 87.4 131.2
132 98.1 77.7 116.5
97 78.6 58.6 87.8





#39

1,2-Dichloropropane

Concen: 9.962 ppbv

RT: 7.070 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 830958

Ion Ratio Lower Upper

63 100

41 67.6 51.0 76.4

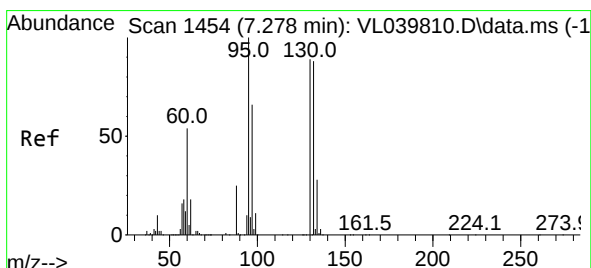
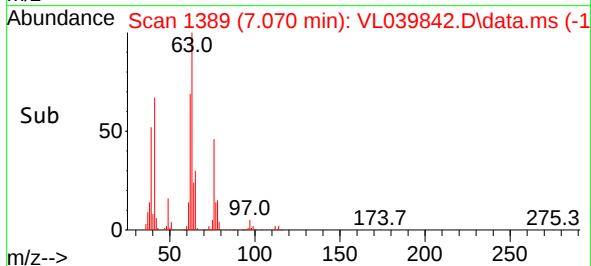
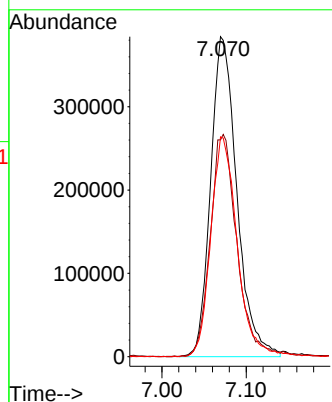
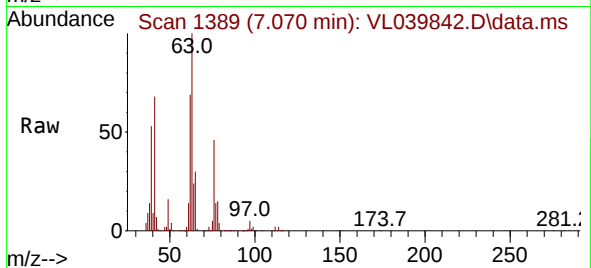
62 68.6 56.6 85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#40

1,4-Dioxane

Concen: 9.421 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.007 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Tgt Ion: 88 Resp: 300936

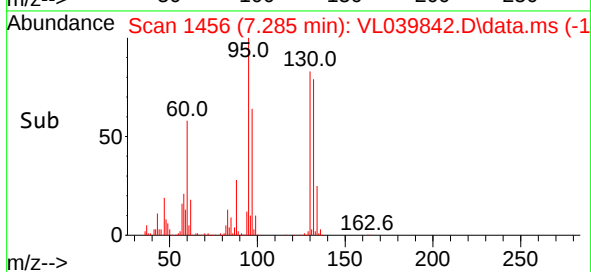
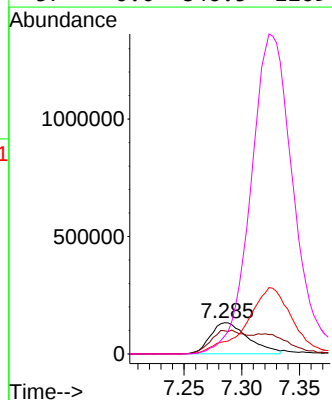
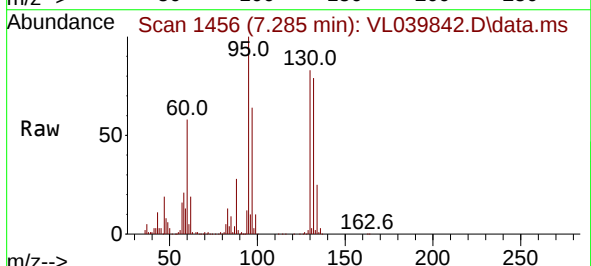
Ion Ratio Lower Upper

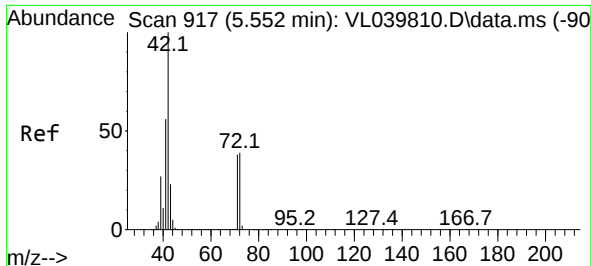
88 100

58 134.2 99.5 149.3

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 9.728 ppbv

RT: 5.562 min Scan# 917

Delta R.T. 0.010 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

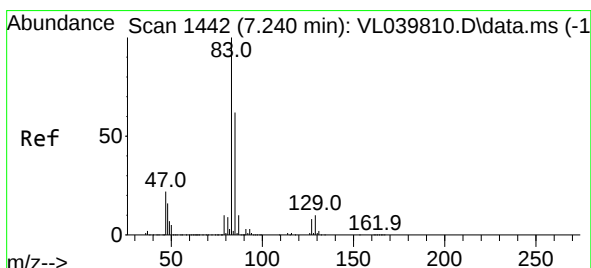
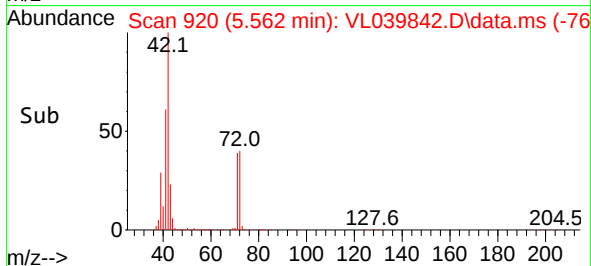
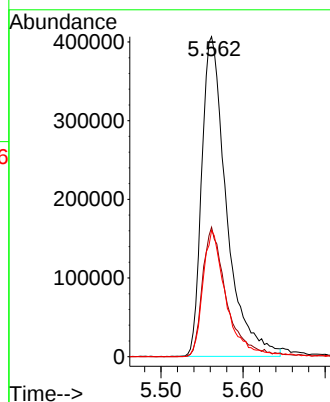
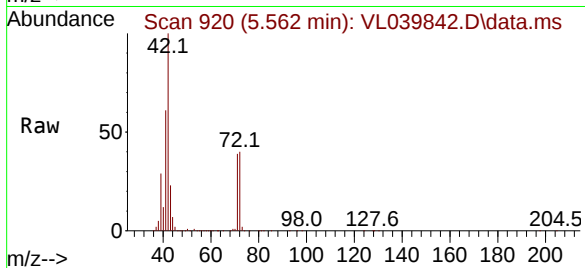
VSTDCCC010EC

Tgt Ion:	42	Resp:	851230
Ion Ratio	Lower	Upper	
42	100		
72	40.0	31.4	47.2
71	37.7	31.5	47.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#42

Bromodichloromethane

Concen: 10.664 ppbv

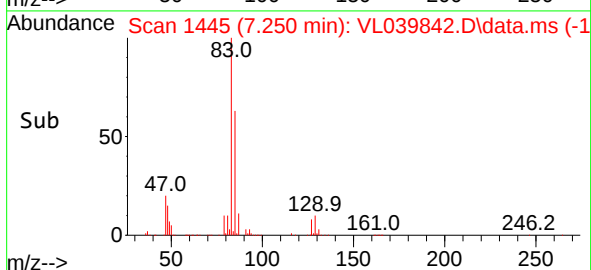
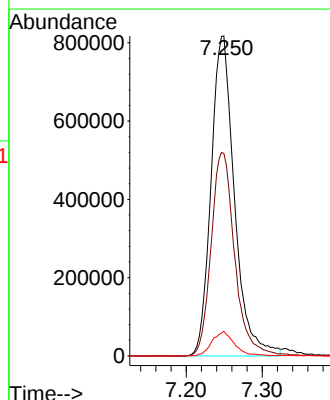
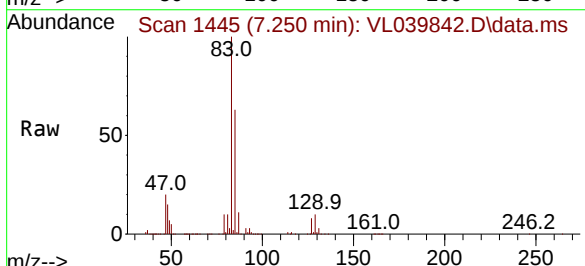
RT: 7.250 min Scan# 1445

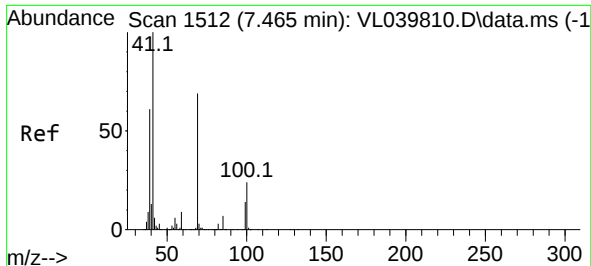
Delta R.T. 0.010 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

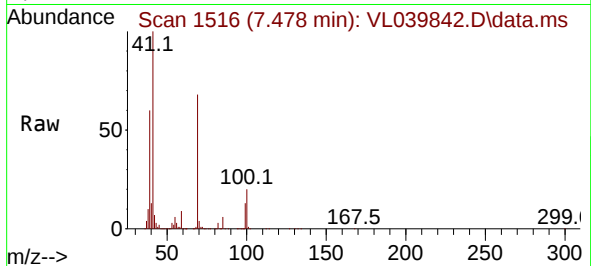
Tgt Ion:	83	Resp:	1749588
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.9	74.9
127	7.7	6.4	9.6





#43
Methyl Methacrylate
Concen: 10.203 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.013 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

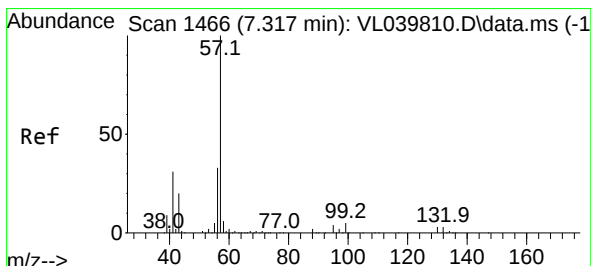
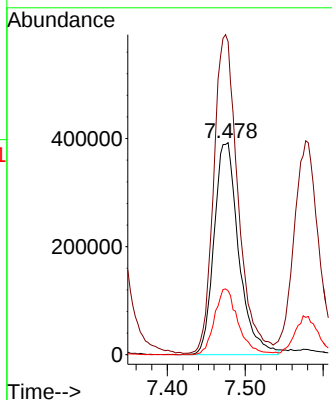
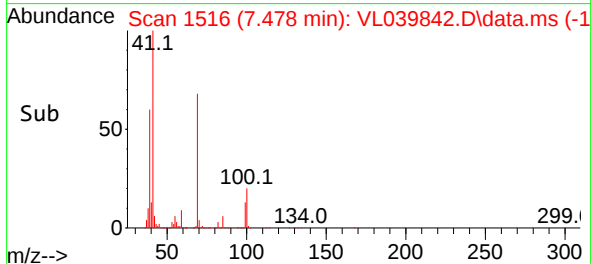
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 86328
Ion Ratio Lower Upper
69 100
41 149.0 115.7 173.5
100 29.7 25.9 38.9

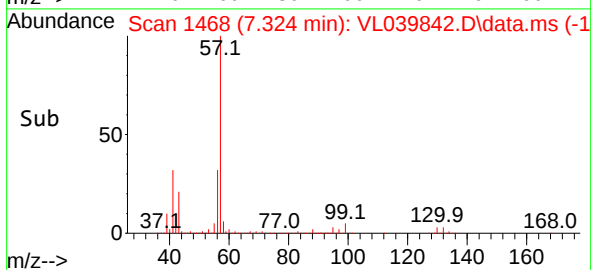
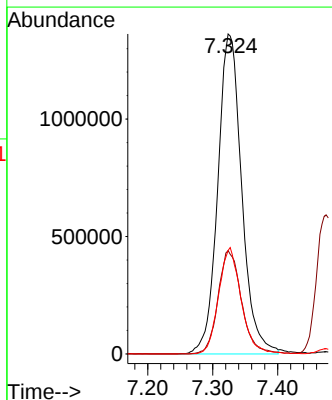
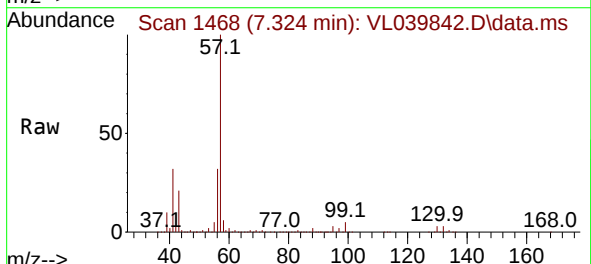
Manual Integrations
APPROVED

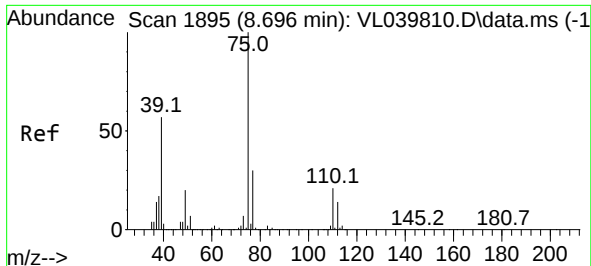
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#44
2,2,4-Trimethylpentane
Concen: 9.641 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

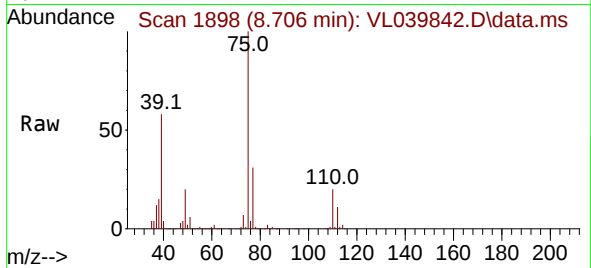
Tgt Ion: 57 Resp: 3483877
Ion Ratio Lower Upper
57 100
41 31.7 24.6 36.8
56 31.4 25.4 38.0





#45
 t-1,3-Dichloropropene
 Concen: 8.328 ppbv
 RT: 8.706 min Scan# 1721
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

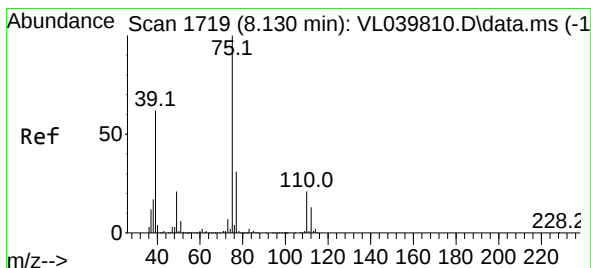
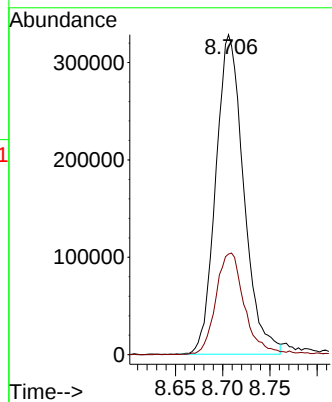
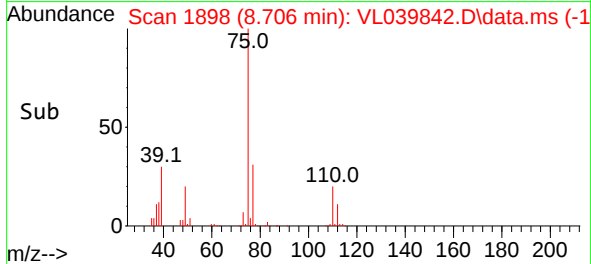
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 674970
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.4 36.6

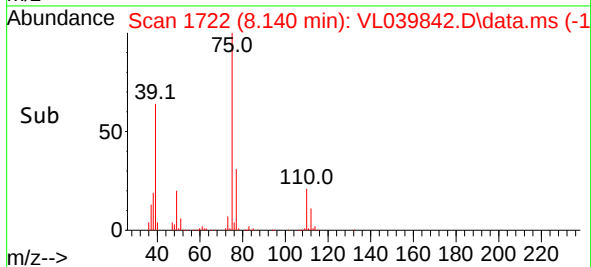
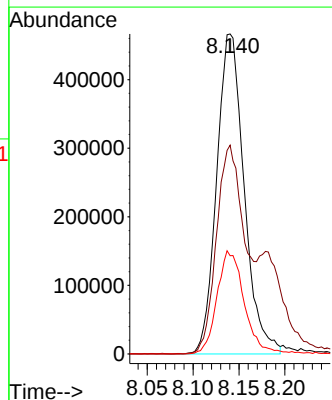
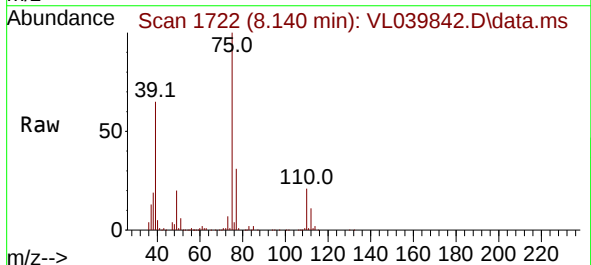
Manual Integrations
 APPROVED

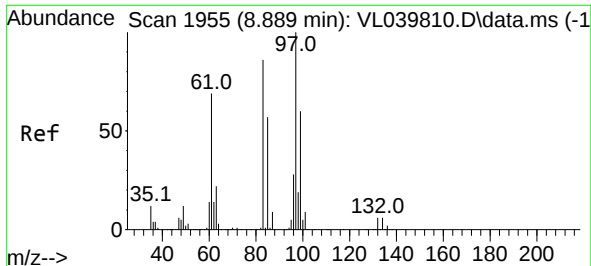
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#46
 cis-1,3-Dichloropropene
 Concen: 8.788 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

Tgt Ion: 75 Resp: 972238
 Ion Ratio Lower Upper
 75 100
 39 65.1 50.0 75.0
 77 30.7 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.760 ppbv

RT: 8.896 min Scan# 1955

Delta R.T. 0.007 min

Lab File: VL039842.D

Acq: 7 Nov 2022 16:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 82434

Ion Ratio Lower Upper

97 100

83 95.1 68.8 103.2

85 57.1 45.8 68.6

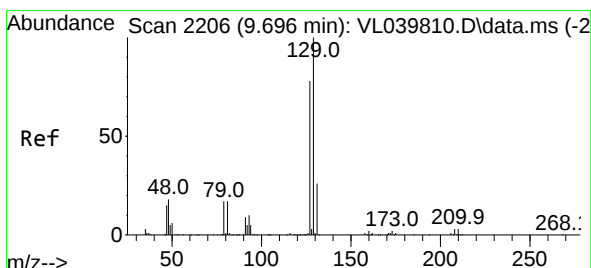
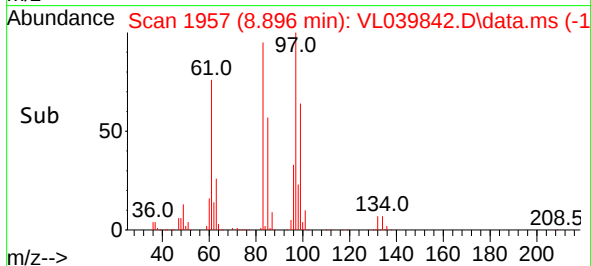
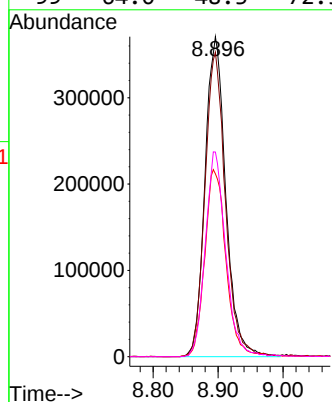
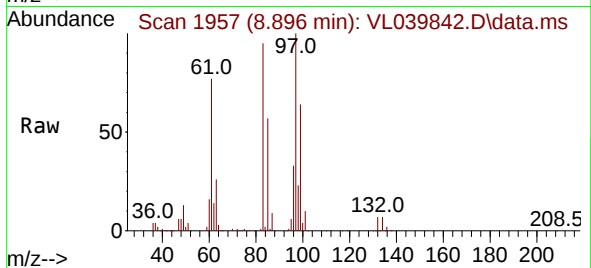
99 64.0 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#48

Dibromochloromethane

Concen: 9.655 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.007 min

Lab File: VL039842.D

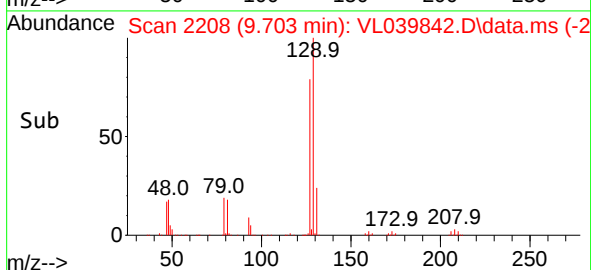
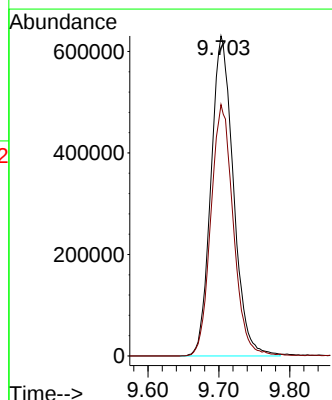
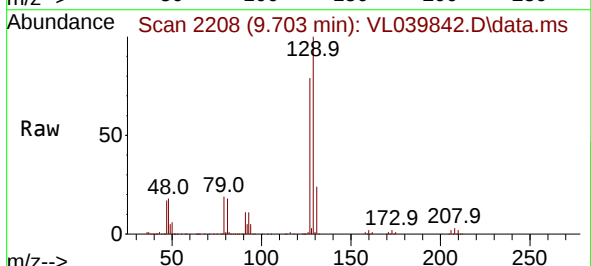
Acq: 7 Nov 2022 16:35

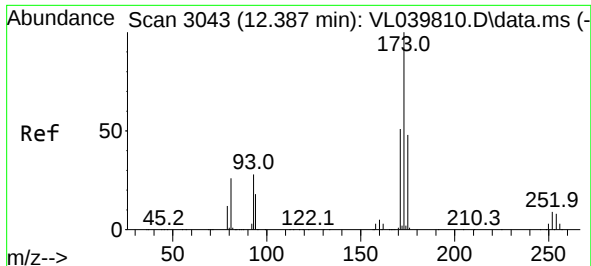
Tgt Ion:129 Resp: 1389521

Ion Ratio Lower Upper

129 100

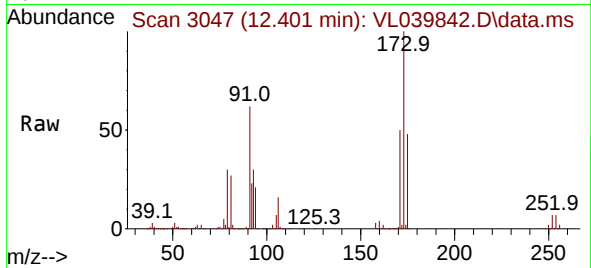
127 78.3 39.4 118.1





#49
Bromoform
Concen: 9.623 ppbv
RT: 12.401 min Scan# 3043
Delta R.T. 0.013 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

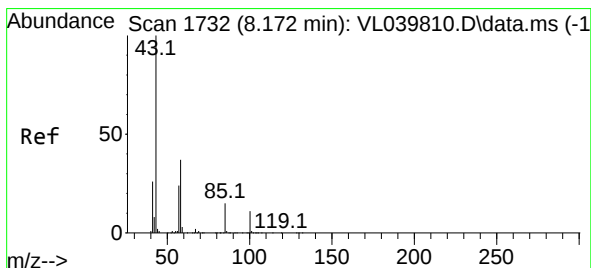
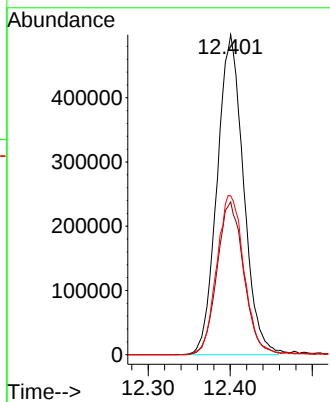
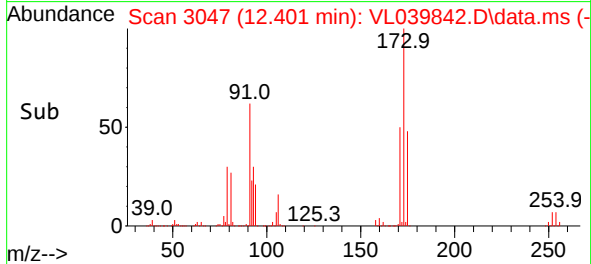
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 1113230
Ion Ratio Lower Upper
173 100
175 48.9 39.7 59.5
171 52.2 41.7 62.5

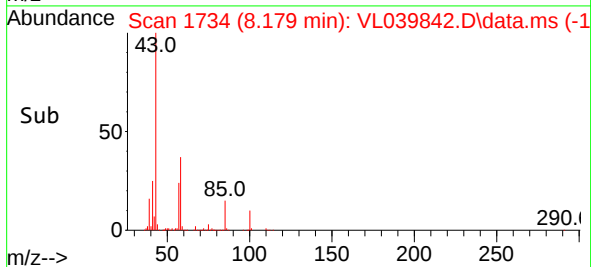
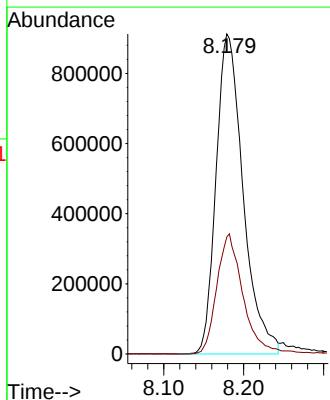
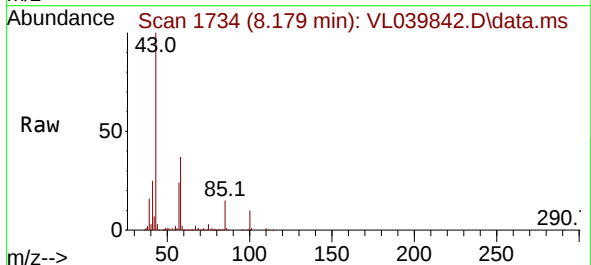
Manual Integrations
APPROVED

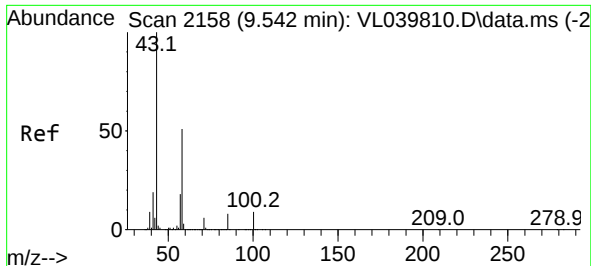
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#50
4-Methyl-2-Pentanone
Concen: 9.977 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

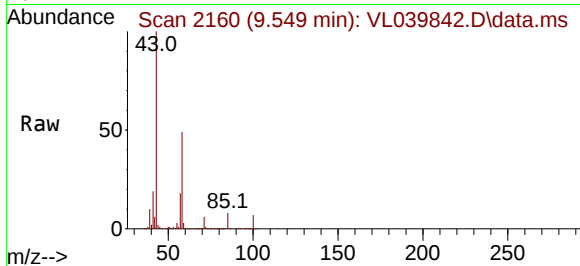
Tgt Ion: 43 Resp: 2138667
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6





#51
2-Hexanone
Concen: 9.992 ppbv
RT: 9.549 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

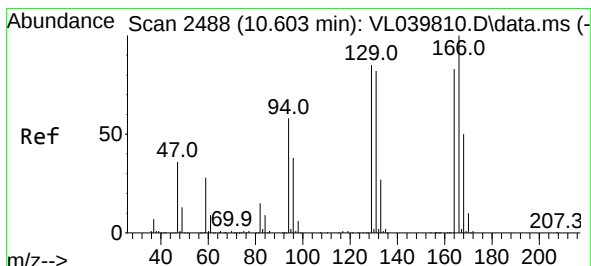
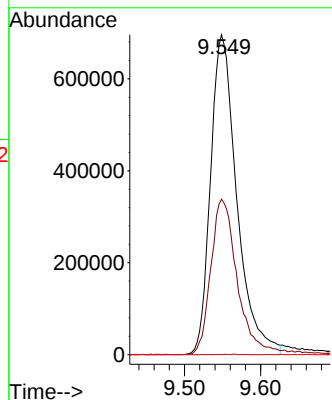
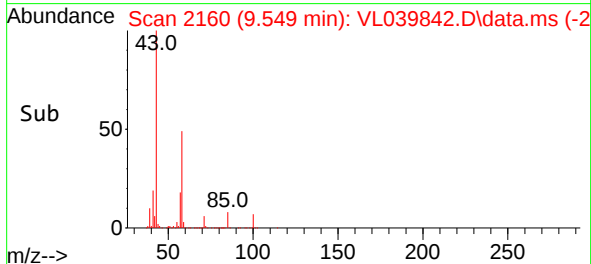
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1670064
Ion Ratio Lower Upper
43 100
58 50.2 40.5 60.7
98 0.1 0.1 0.1

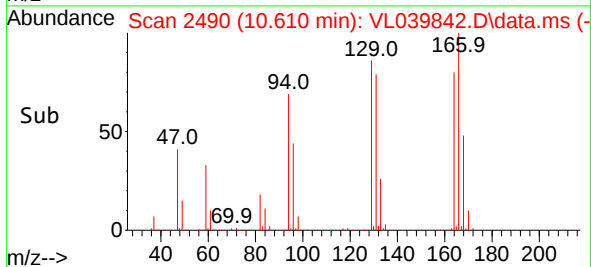
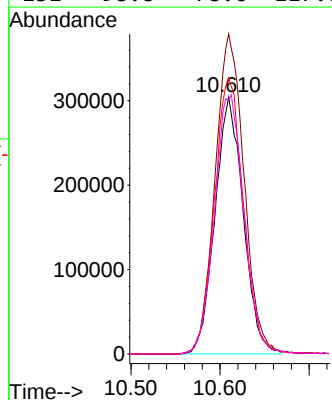
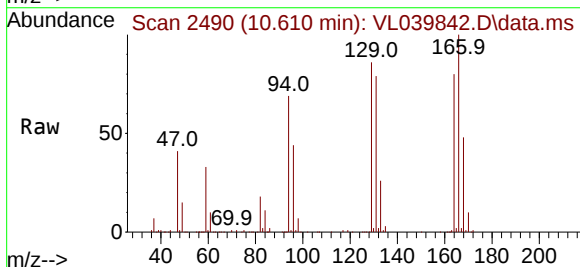
Manual Integrations
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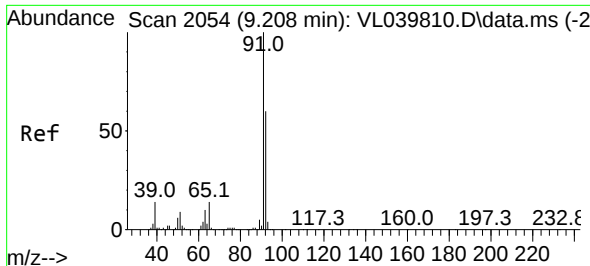
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Tetrachloroethene
Concen: 8.343 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

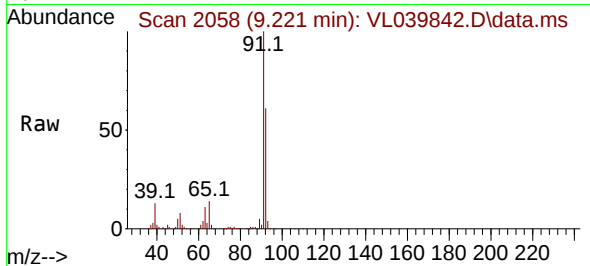
Tgt Ion:164 Resp: 669212
Ion Ratio Lower Upper
164 100
166 124.5 96.0 144.0
129 107.4 81.4 122.2
131 98.8 78.6 117.8





#53
Toluene
Concen: 9.281 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.013 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

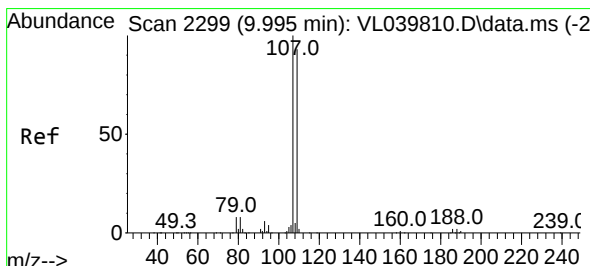
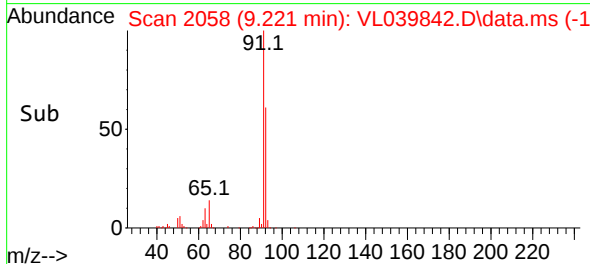
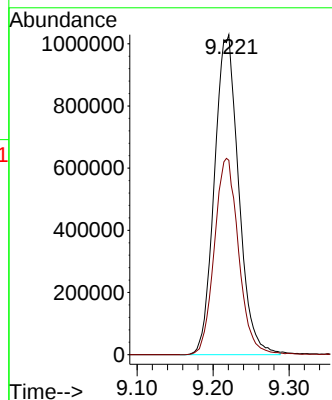
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 227936
Ion Ratio Lower Upper
91 100
92 61.5 49.6 74.4

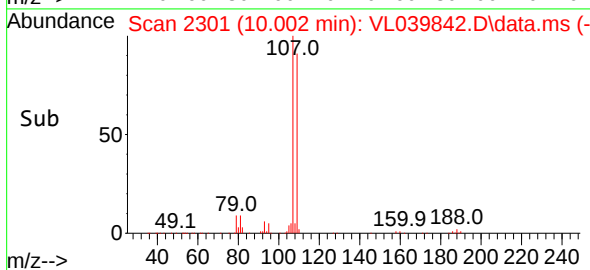
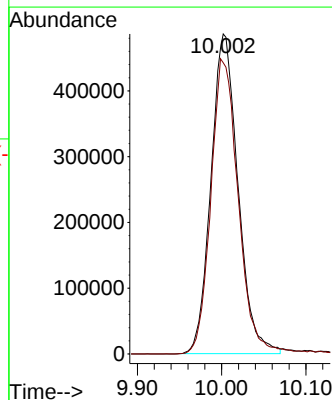
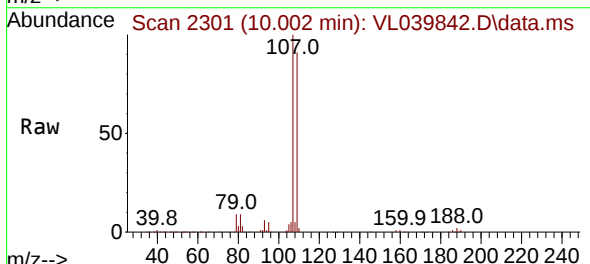
Manual Integrations
APPROVED

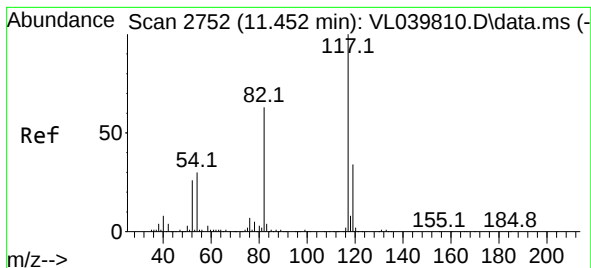
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#54
1,2-Dibromoethane
Concen: 11.555 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

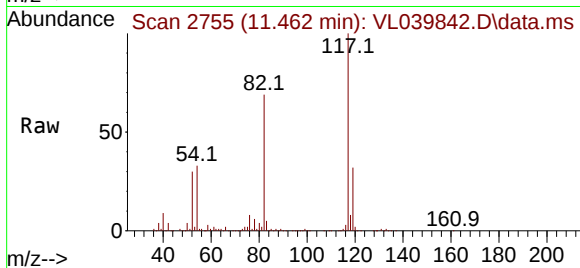
Tgt Ion:107 Resp: 1083170
Ion Ratio Lower Upper
107 100
109 91.0 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 2752
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

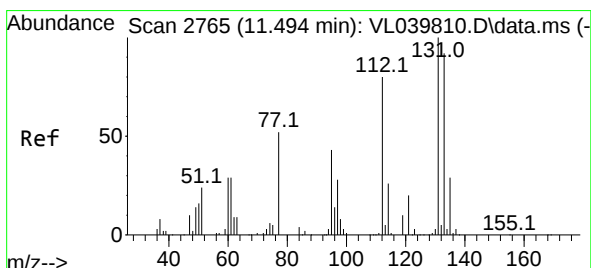
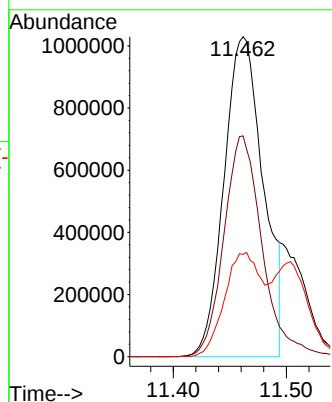
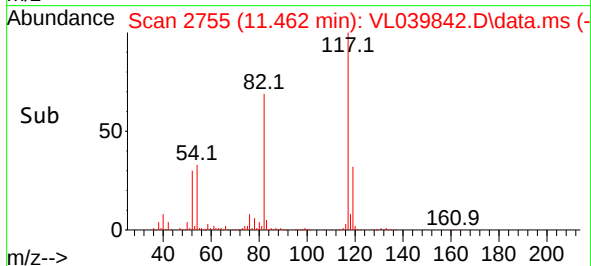
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



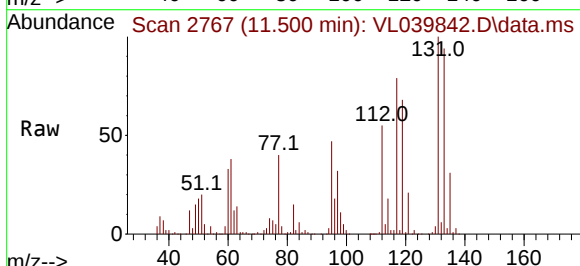
Tgt Ion:117 Resp: 2485714
Ion Ratio Lower Upper
117 100
82 67.7 51.0 76.6
119 33.4 24.7 37.1

Manual Integrations
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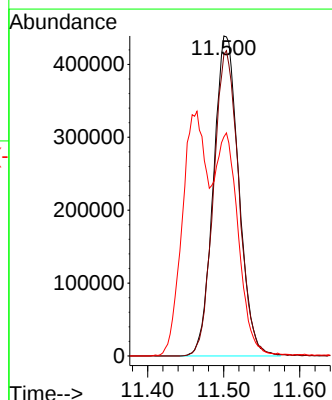
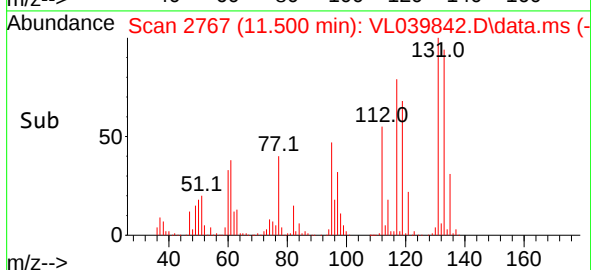
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

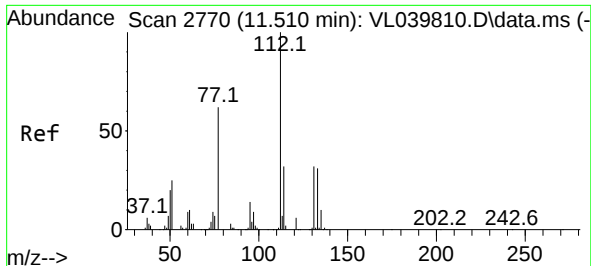


#56
1,1,1,2-Tetrachloroethane
Concen: 9.562 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



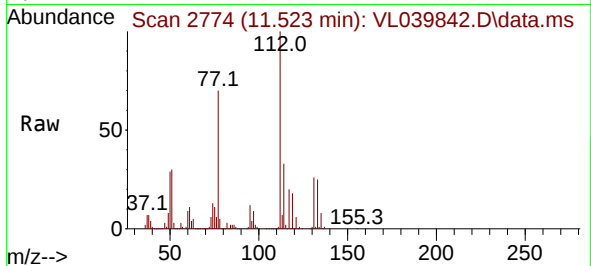
Tgt Ion:131 Resp: 1016220
Ion Ratio Lower Upper
131 100
133 95.7 76.9 115.3
119 62.9 52.2 78.2





#57
Chlorobenzene
Concen: 8.616 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

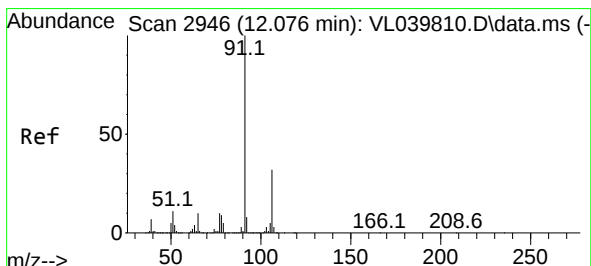
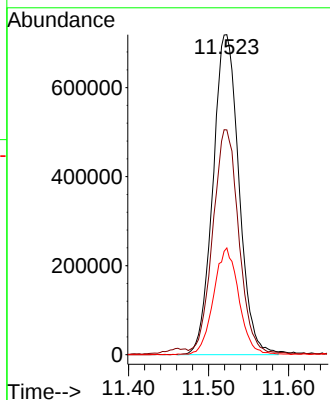
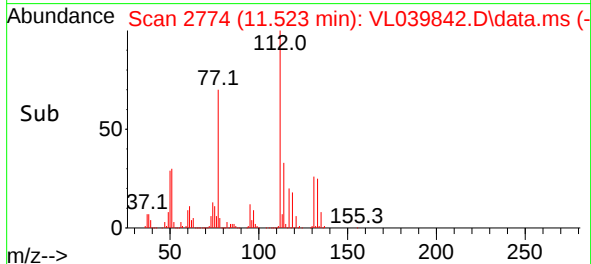
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 162461
Ion Ratio Lower Upper
112 100
77 69.4 49.8 74.6
114 33.2 29.0 35.4

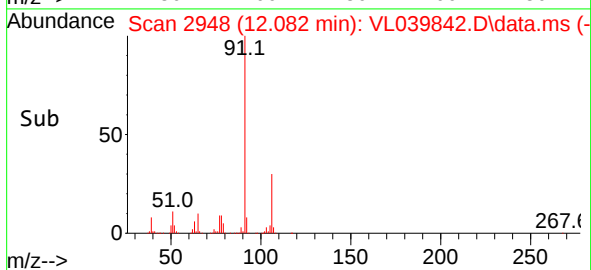
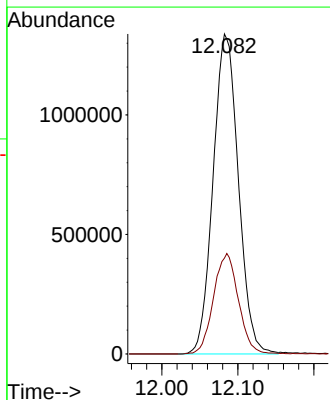
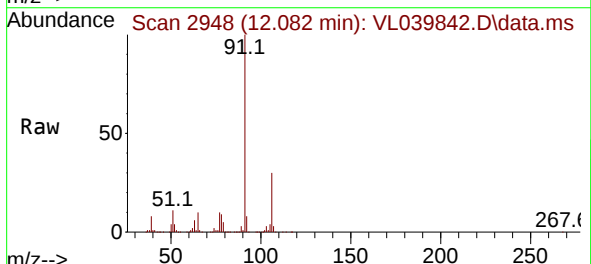
Manual Integrations
APPROVED

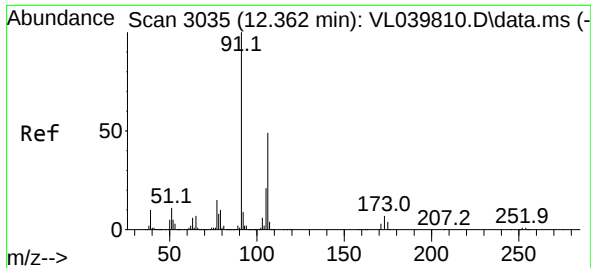
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#58
Ethyl Benzene
Concen: 9.190 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Tgt Ion: 91 Resp: 3088576
Ion Ratio Lower Upper
91 100
106 29.9 25.9 38.9





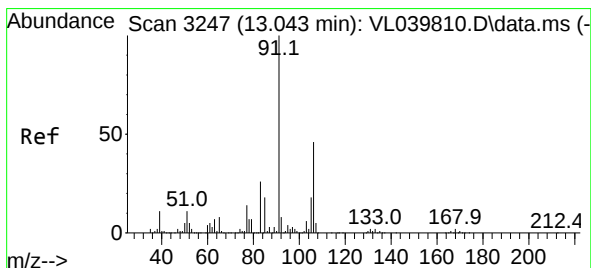
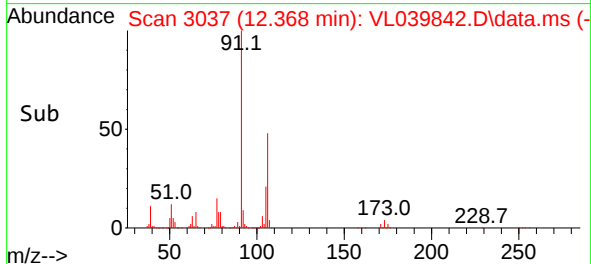
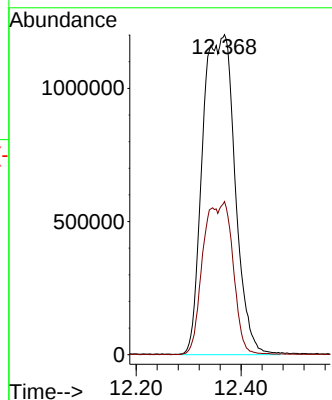
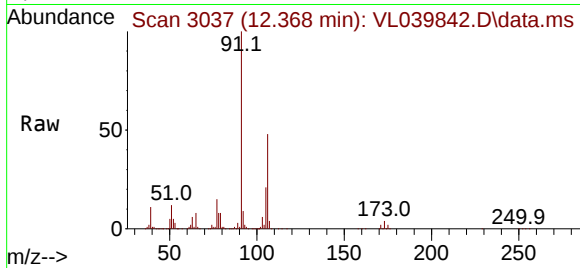
#59
m/p-Xylene
Concen: 18.303 ppbv m
RT: 12.368 min Scan# 3035
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5134974
Ion Ratio Lower Upper
91 100
106 44.4 37.6 56.4

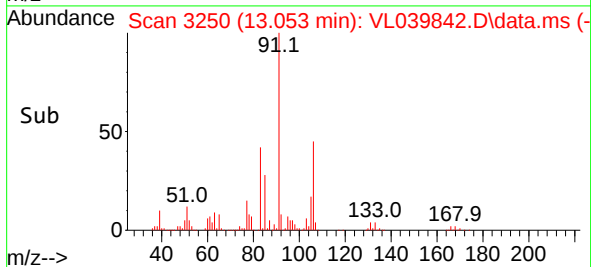
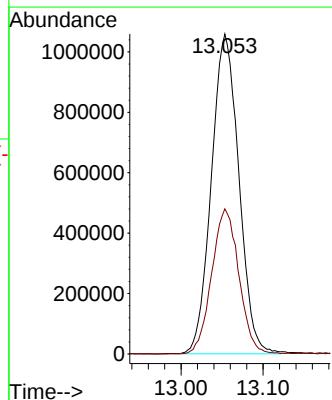
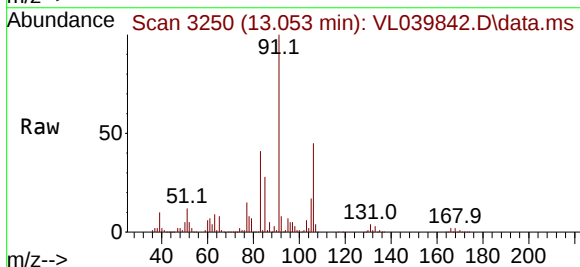
Manual Integrations
APPROVED

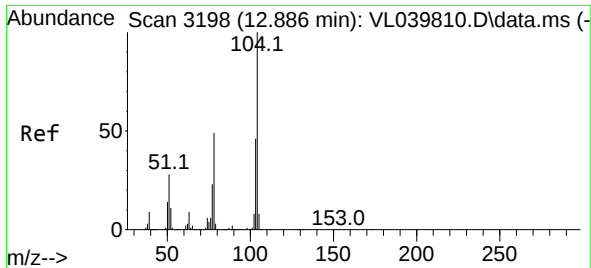
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
o-Xylene
Concen: 9.265 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

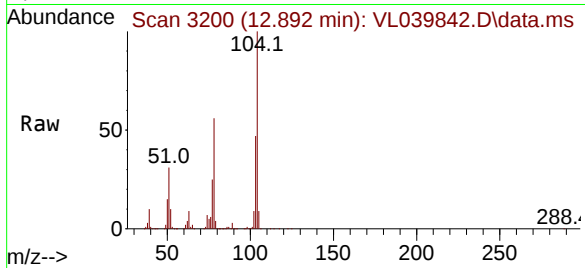
Tgt Ion: 91 Resp: 2462658
Ion Ratio Lower Upper
91 100
106 45.0 23.6 70.8





#61
Styrene
Concen: 8.694 ppbv
RT: 12.892 min Scan# 3198
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

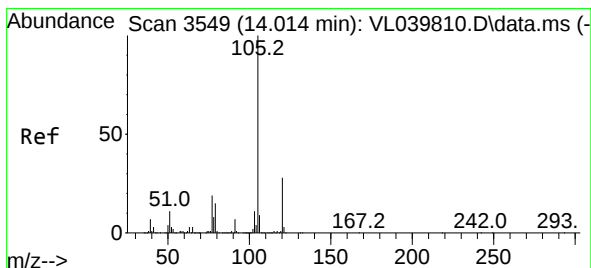
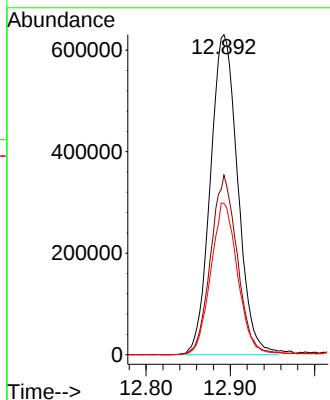
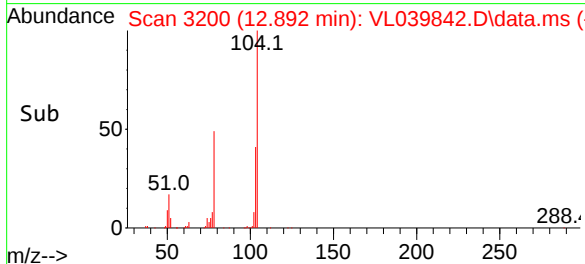
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



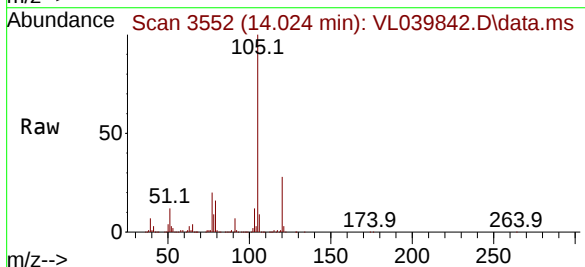
Tgt Ion:104 Resp: 1421939
Ion Ratio Lower Upper
104 100
78 54.6 40.2 60.2
103 46.7 37.5 56.3

Manual Integrations
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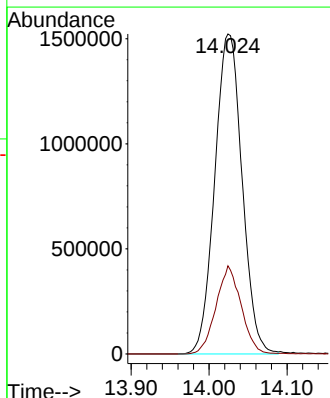
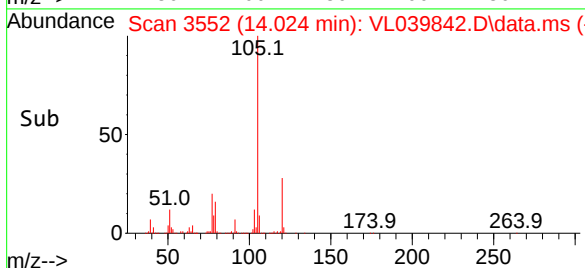
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

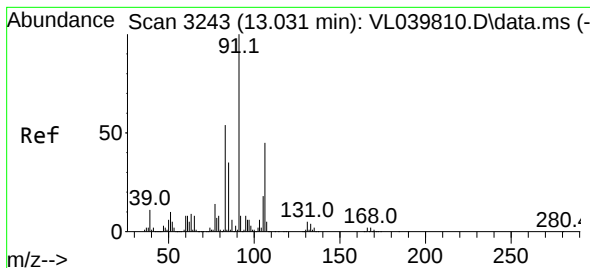


#62
Isopropylbenzene
Concen: 9.560 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



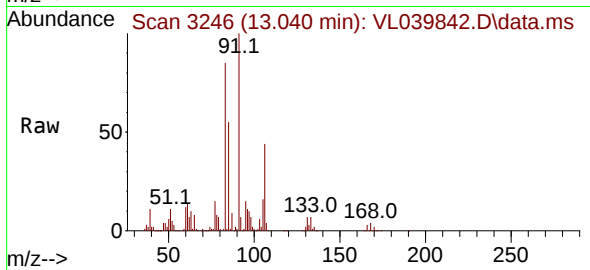
Tgt Ion:105 Resp: 3706886
Ion Ratio Lower Upper
105 100
120 25.4 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 14.642 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

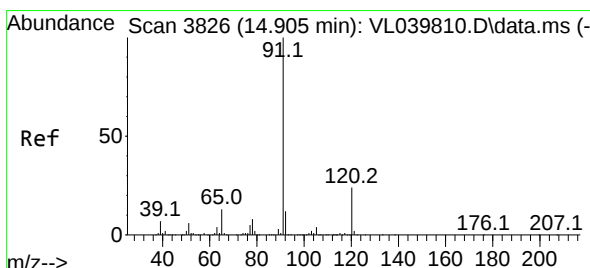
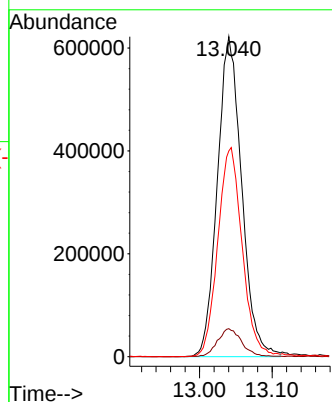
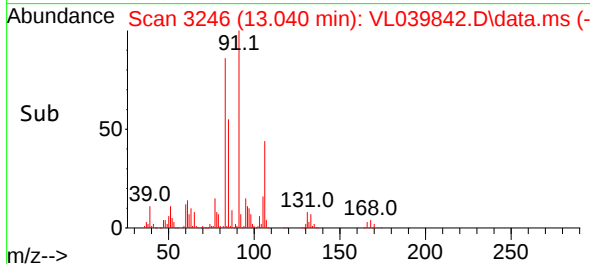
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



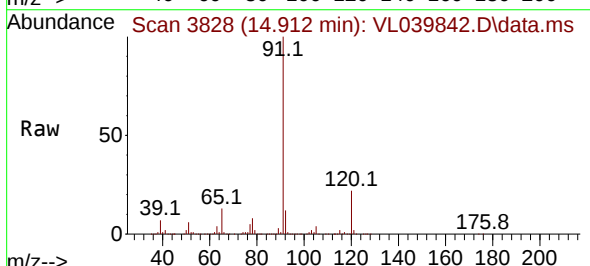
Tgt Ion: 83 Resp: 1449300
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 65.9 33.3 99.9

Manual Integrations
APPROVED

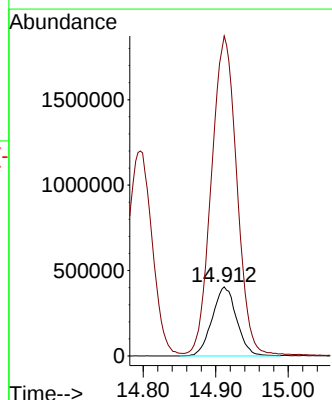
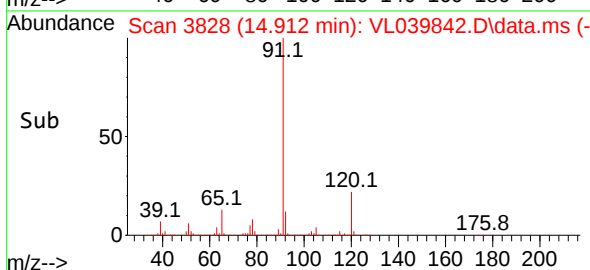
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

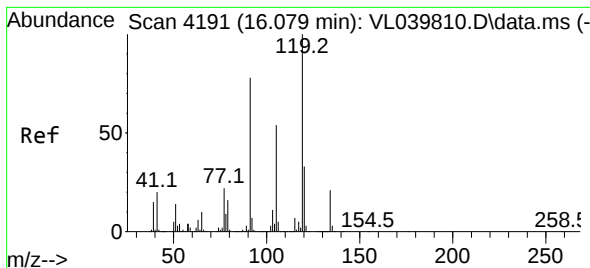


#64
n-propylbenzene
Concen: 9.126 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



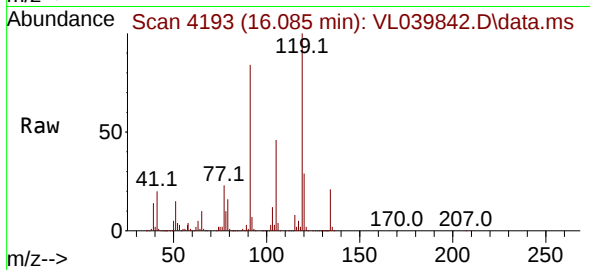
Tgt Ion:120 Resp: 946506
Ion Ratio Lower Upper
120 100
91 484.7 354.9 532.3





#65
tert-Butylbenzene
Concen: 9.118 ppbv
RT: 16.085 min Scan# 4191
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

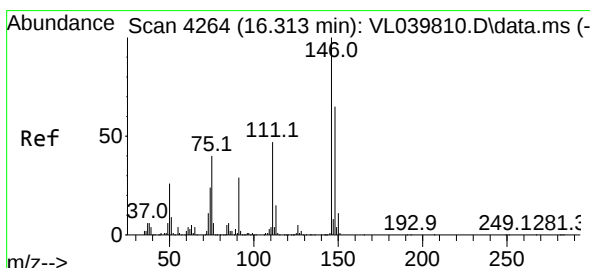
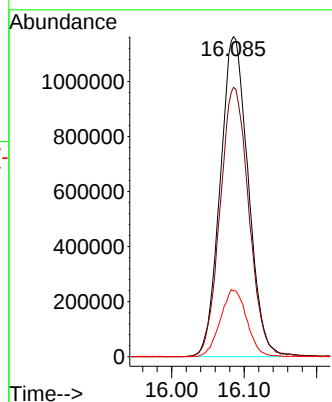
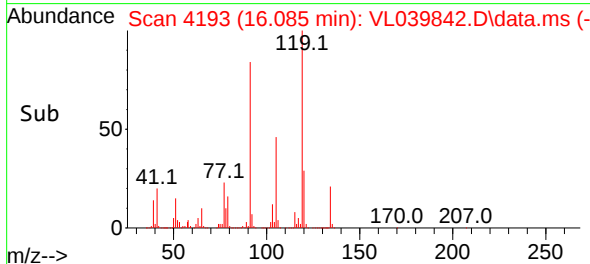
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 3104204
Ion Ratio Lower Upper
119 100
91 86.9 63.7 95.5
134 20.0 16.2 24.4

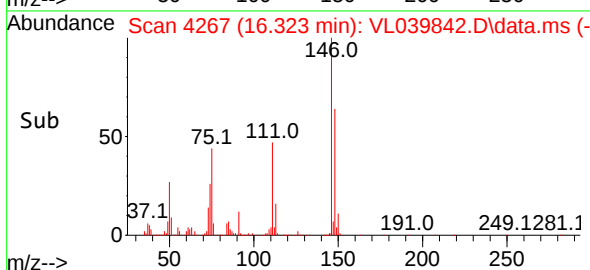
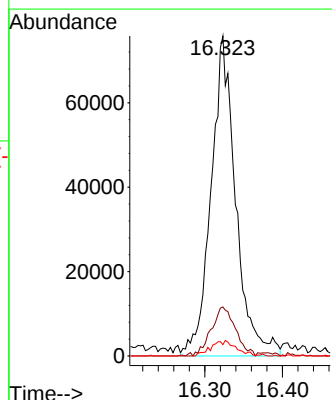
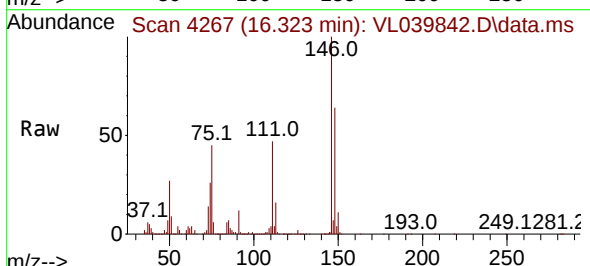
Manual Integrations
APPROVED

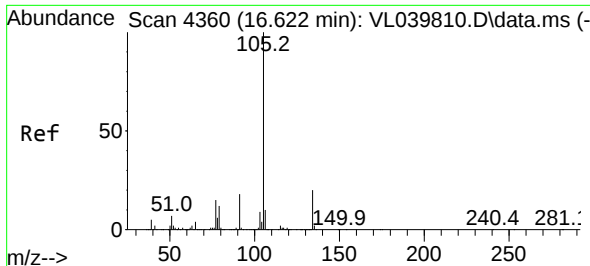
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#66
Benzyl Chloride
Concen: 4.242 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

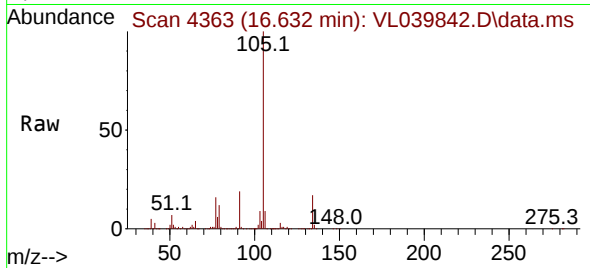
Tgt Ion: 91 Resp: 167926
Ion Ratio Lower Upper
91 100
126 15.8 15.6 23.4
128 5.0 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 9.677 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

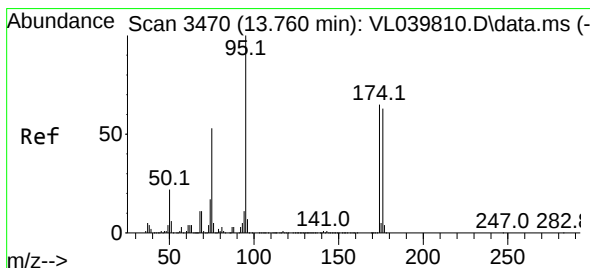
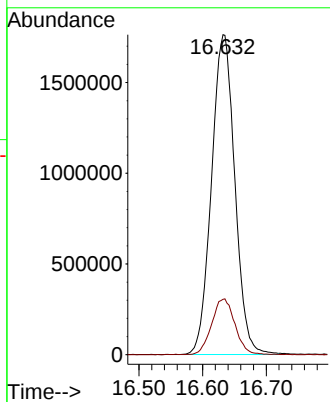
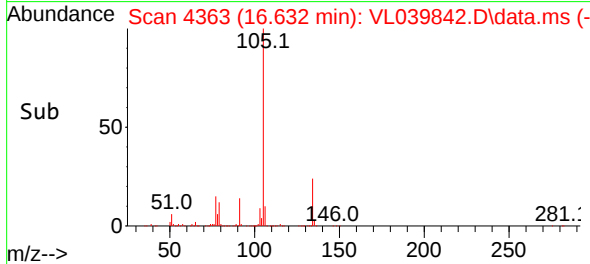
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 448471
 Ion Ratio Lower Upper
 105 100
 134 17.5 15.1 22.7

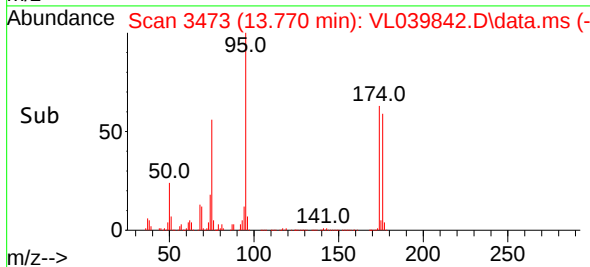
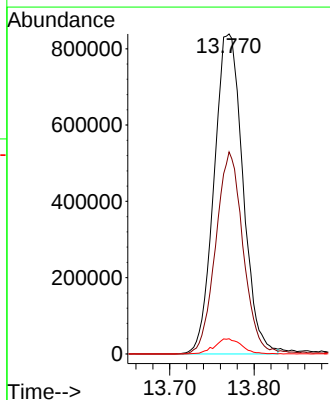
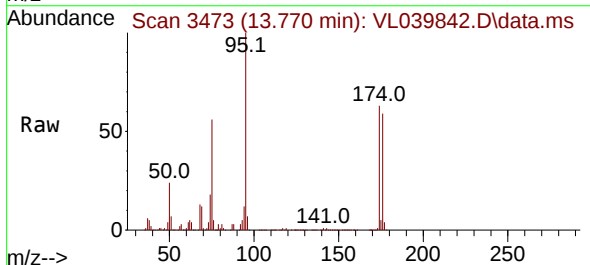
Manual Integrations
 APPROVED

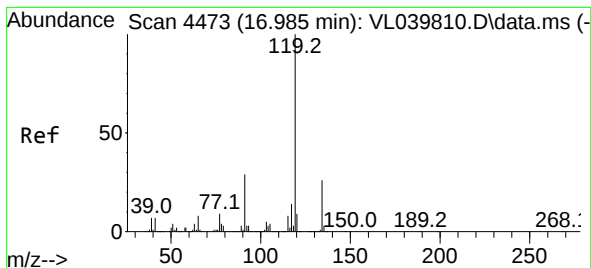
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.672 ppbv m
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

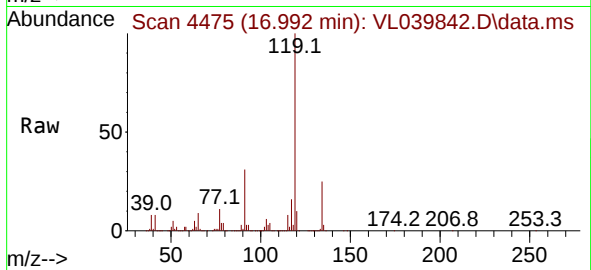
Tgt Ion: 95 Resp: 1985568
 Ion Ratio Lower Upper
 95 100
 174 60.5 53.4 80.0
 175 4.5 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.204 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

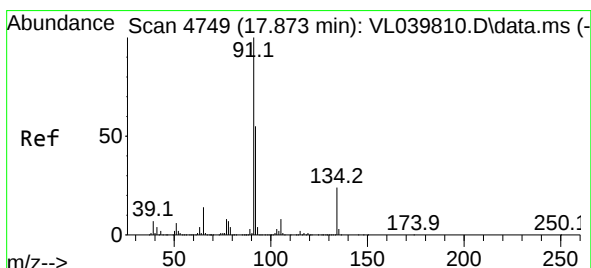
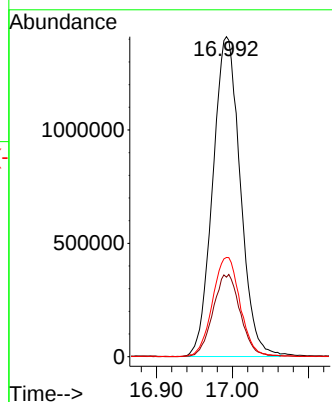
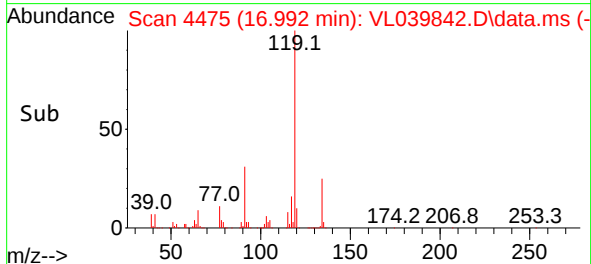
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



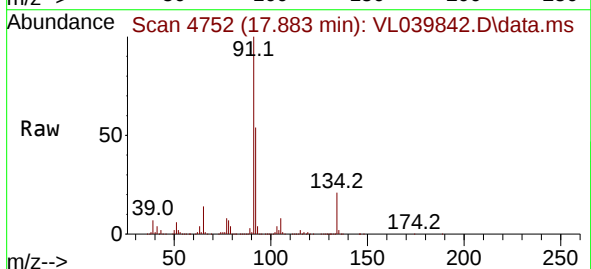
Tgt Ion:119 Resp: 353790
Ion Ratio Lower Upper
119 100
134 25.9 21.0 31.6
91 31.3 22.8 34.2

Manual Integrations
APPROVED

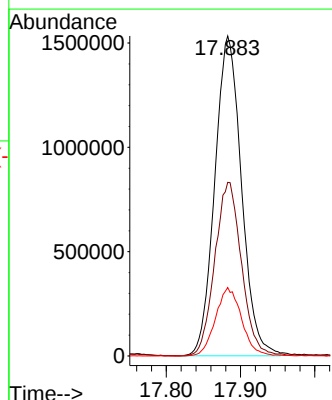
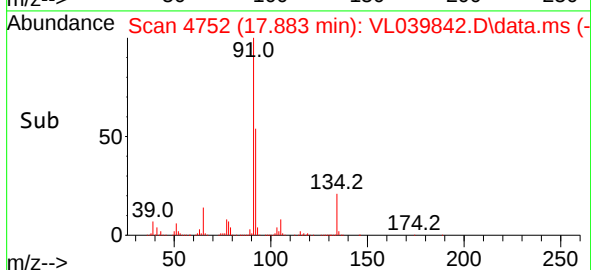
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

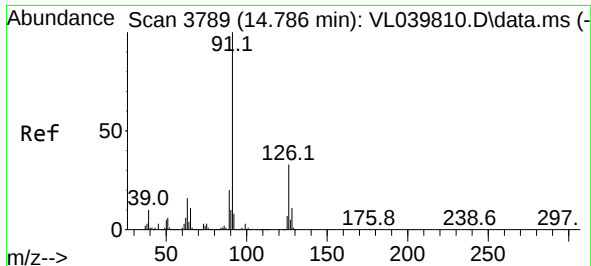


#70
n-Butylbenzene
Concen: 10.293 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



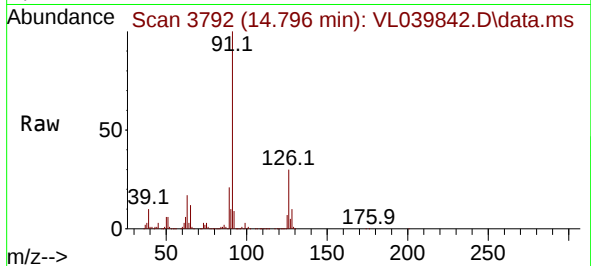
Tgt Ion: 91 Resp: 3825179
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 21.1 19.0 28.6





#71
2-Chlorotoluene
Concen: 9.838 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

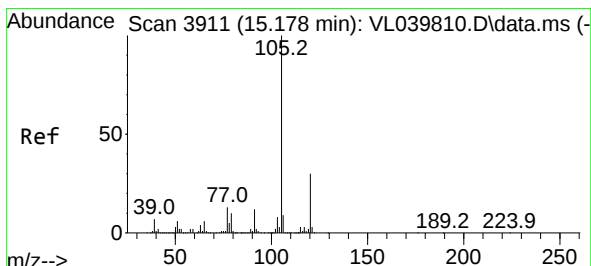
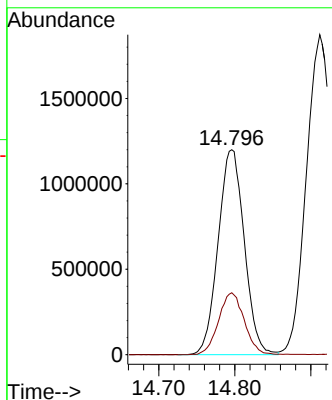
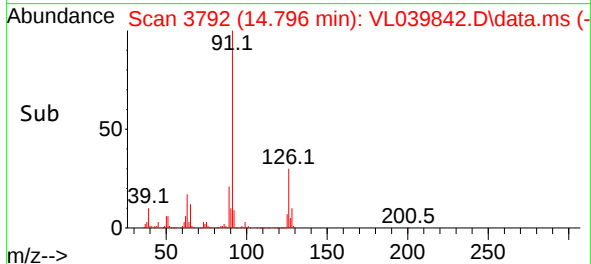
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



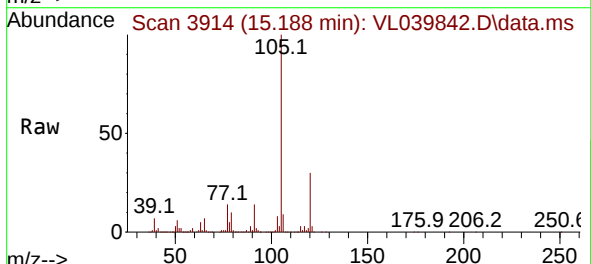
Tgt Ion: 91 Resp: 286610
Ion Ratio Lower Upper
91 100
126 29.8 12.9 51.5

Manual Integrations
APPROVED

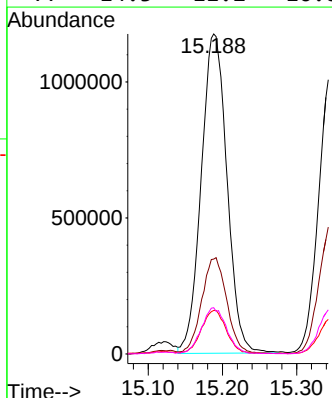
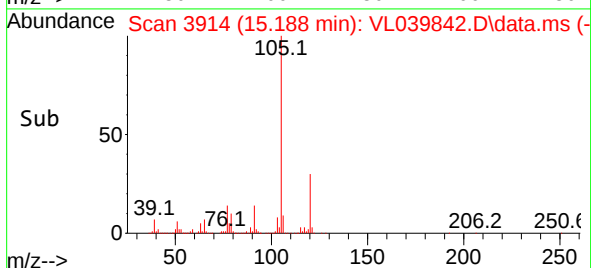
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

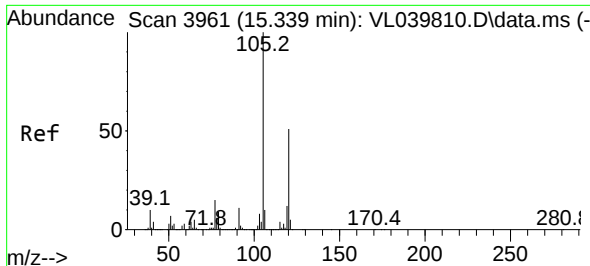


#72
4-Ethyltoluene
Concen: 9.453 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



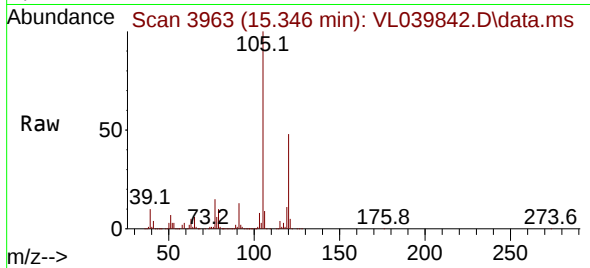
Tgt Ion:105 Resp: 2829163
Ion Ratio Lower Upper
105 100
120 30.7 26.0 39.0
91 13.0 10.5 15.7
77 14.3 11.2 16.8





#73
 1,3,5-Trimethylbenzene
 Concen: 9.491 ppbv
 RT: 15.346 min Scan# 3961
 Delta R.T. 0.007 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35

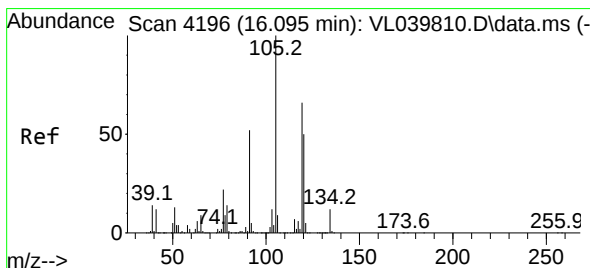
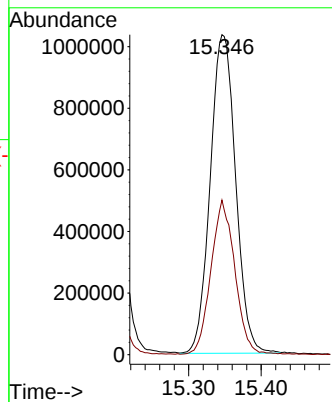
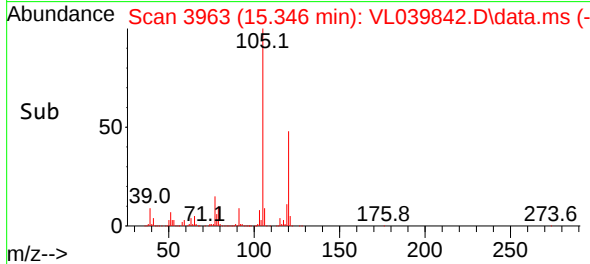
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



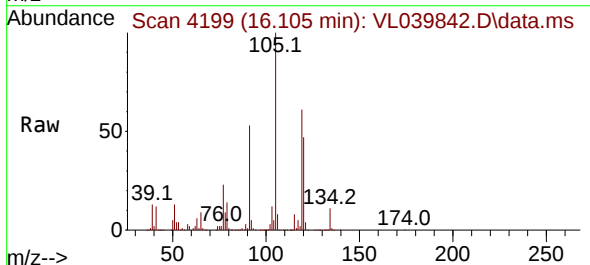
Tgt Ion:105 Resp: 2518100
 Ion Ratio Lower Upper
 105 100
 120 48.4 41.0 61.4

Manual Integrations
 APPROVED

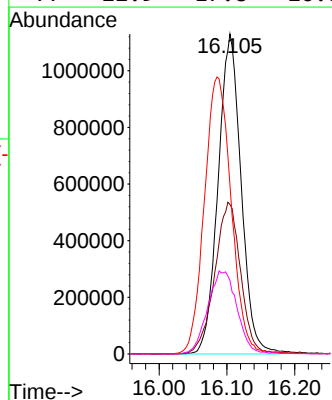
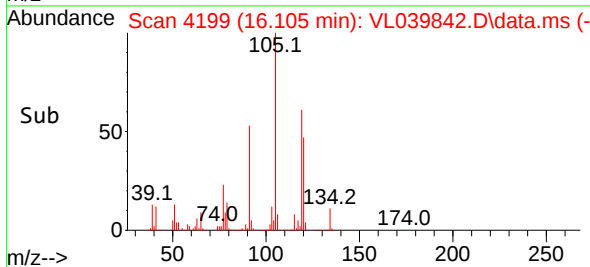
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

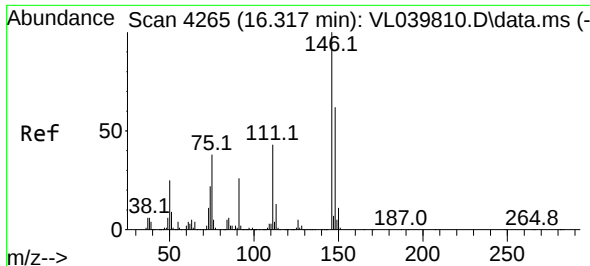


#74
 1,2,4-Trimethylbenzene
 Concen: 9.434 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. 0.010 min
 Lab File: VL039842.D
 Acq: 7 Nov 2022 16:35



Tgt Ion:105 Resp: 2659480
 Ion Ratio Lower Upper
 105 100
 120 46.5 40.2 60.4
 91 52.4 42.6 64.0
 77 22.9 17.8 26.8





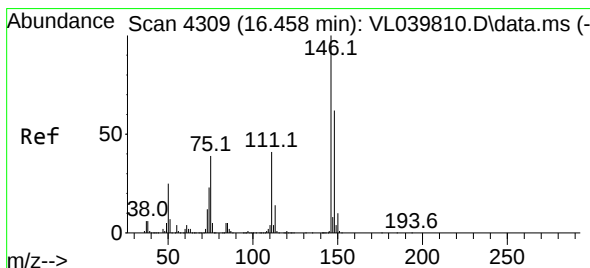
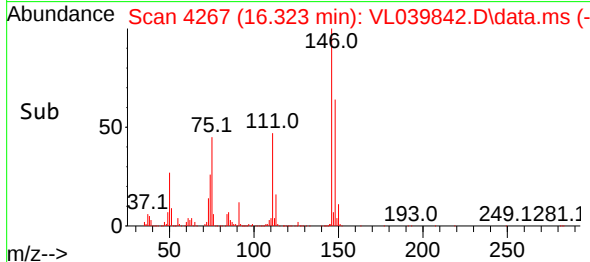
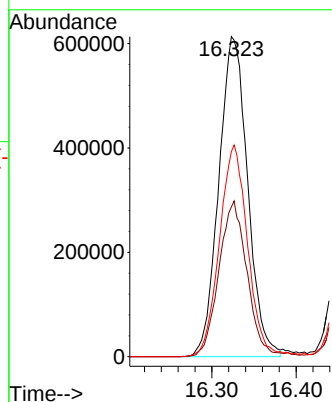
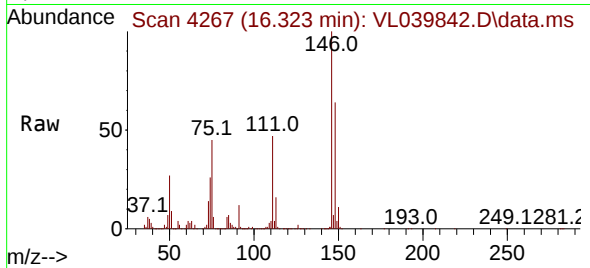
#75
1,3-Dichlorobenzene
Concen: 8.848 ppbv
RT: 16.323 min Scan# 4313
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1456384
Ion Ratio Lower Upper
146 100
111 47.8 22.9 68.8
148 64.7 32.3 96.9

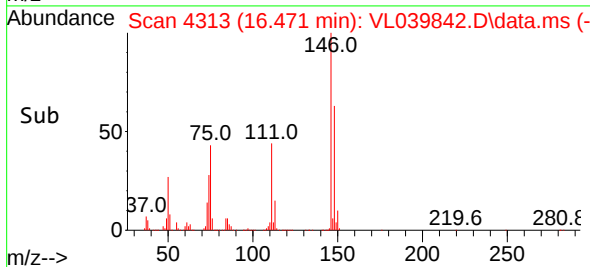
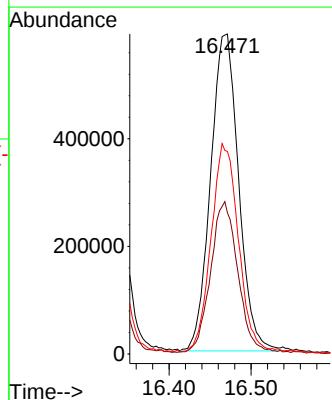
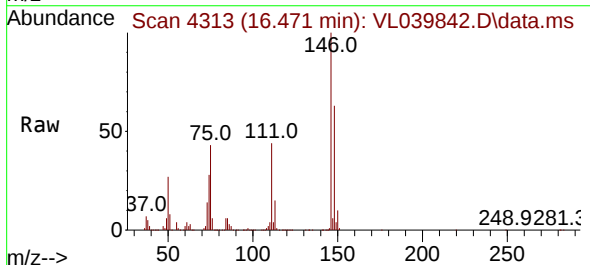
Manual Integrations
APPROVED

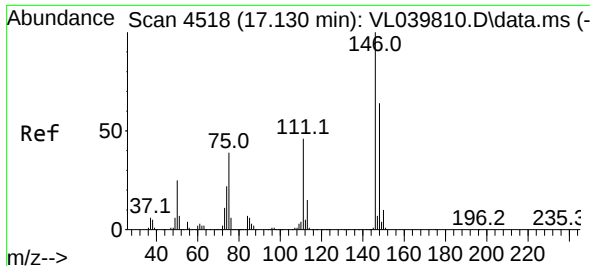
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#76
1,4-Dichlorobenzene
Concen: 8.653 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.013 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

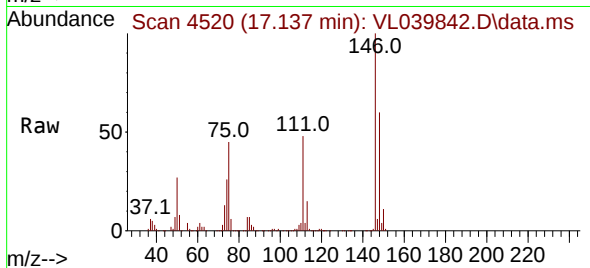
Tgt Ion:146 Resp: 1397538
Ion Ratio Lower Upper
146 100
111 48.1 22.7 68.1
148 65.4 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 9.165 ppbv
RT: 17.137 min Scan# 4518
Delta R.T. 0.007 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

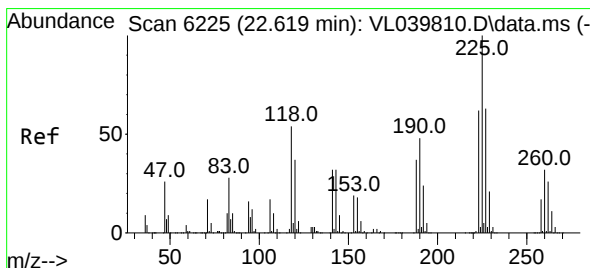
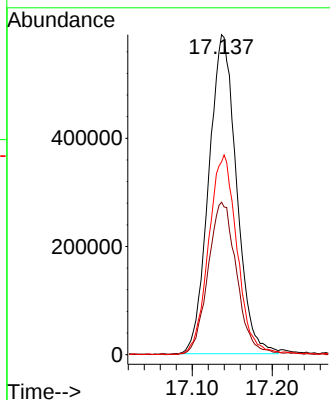
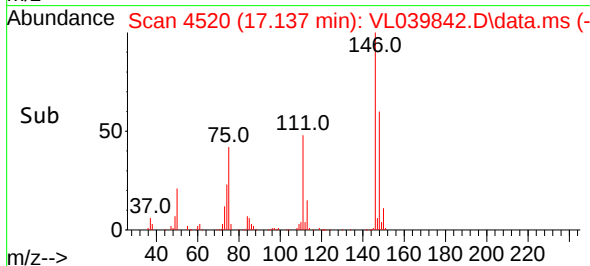
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



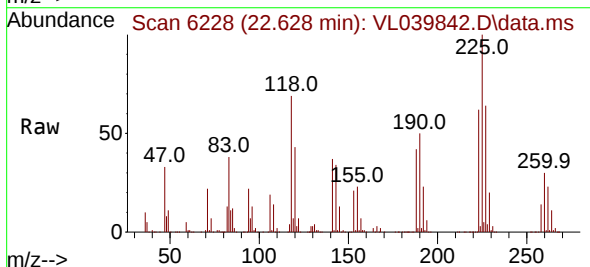
Tgt Ion:146 Resp: 1422098
Ion Ratio Lower Upper
146 100
111 49.5 23.9 71.8
148 64.5 32.4 97.2

Manual Integrations
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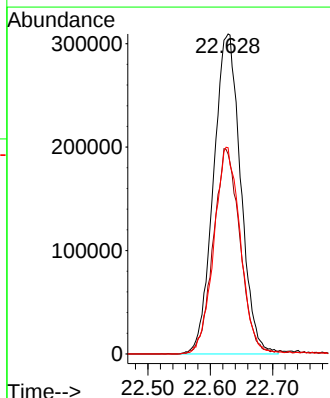
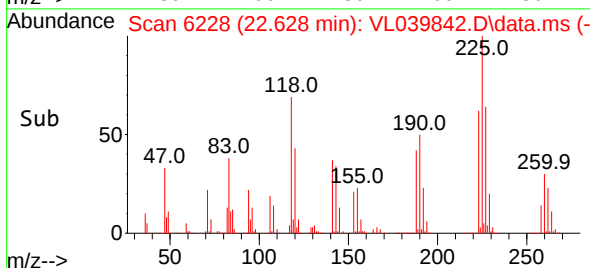
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

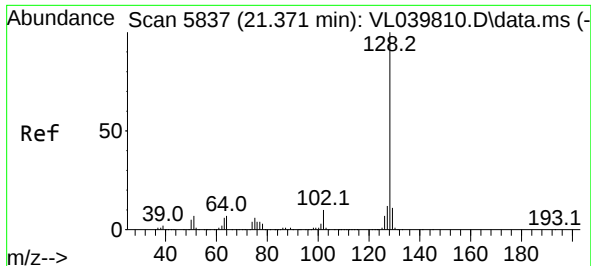


#78
Hexachloro-1,3-Butadiene
Concen: 8.134 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



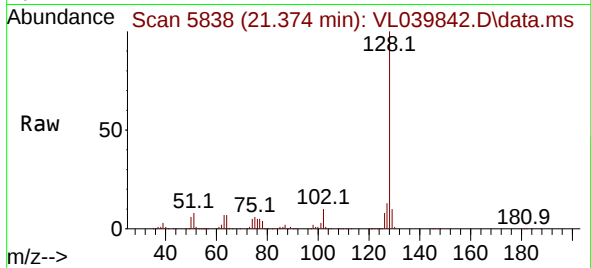
Tgt Ion:225 Resp: 935096
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 63.2 51.6 77.4





#79
Naphthalene
Concen: 9.310 ppbv
RT: 21.374 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

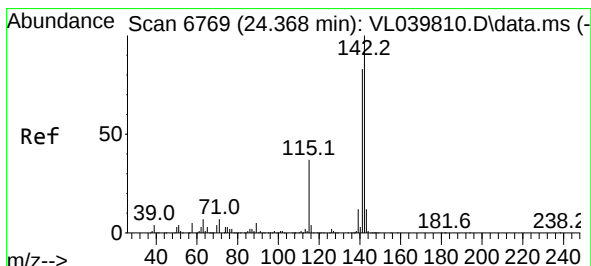
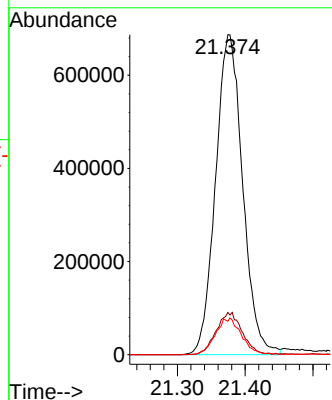
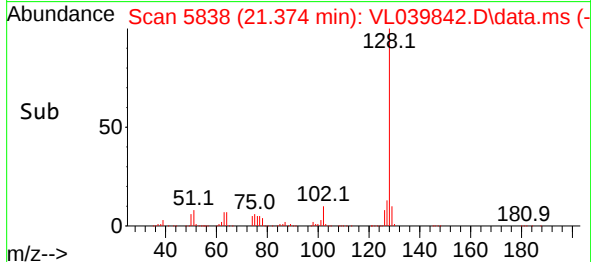
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



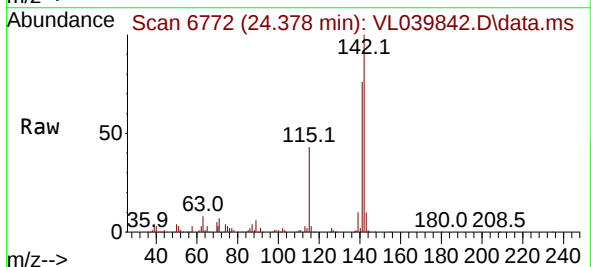
Tgt Ion:128 Resp: 1908129
Ion Ratio Lower Upper
128 100
127 13.2 9.8 14.6
129 10.5 8.6 13.0

Manual Integrations
APPROVED

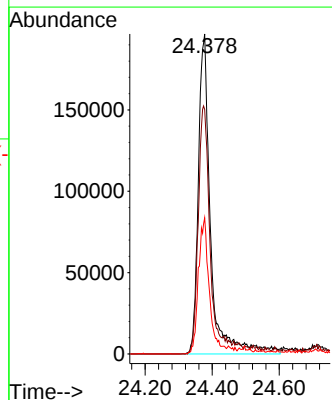
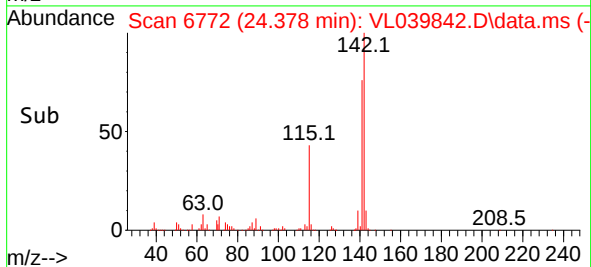
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

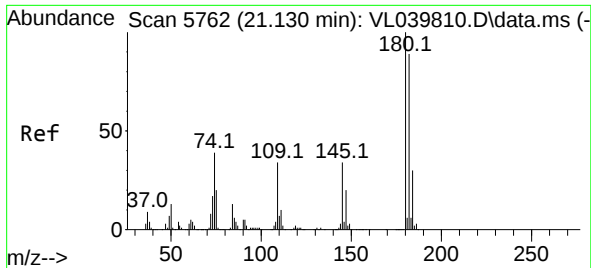


#80
Naphthalene,2-methyl-
Concen: 5.769 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.010 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35



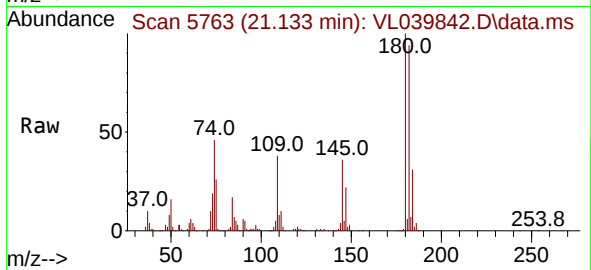
Tgt Ion:142 Resp: 501329
Ion Ratio Lower Upper
142 100
141 74.3 65.1 97.7
115 39.2 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 8.937 ppbv m
RT: 21.133 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039842.D
Acq: 7 Nov 2022 16:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 102461
Ion Ratio Lower Upper
180 100
182 0.0 78.1 117.1
184 0.0 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

