

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039808.D
 Acq On : 26 Oct 2022 10:18
 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 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 26 10:49:00 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 : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	853442	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	2237887	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.481	117	2135398	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 1514134 9.968 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	820012	9.177	ppbv	99
3) Chlorodifluoromethane	2.703	51	1045471	10.198	ppbv	99
4) Chloromethane	2.845	50	566594	8.828	ppbv	100
5) Vinyl Chloride	2.948	62	522015	9.807	ppbv	100
6) Bromomethane	3.150	94	215921	11.291	ppbv	98
7) Chloroethane	3.224	64	196370	10.272	ppbv	97
8) Dichlorotetrafluoroethane	2.883	85	1199280	10.280	ppbv	98
9) Propene	2.722	41	418763	9.507	ppbv	97
10) Heptane	7.597	43	1196867	11.349	ppbv	98
11) Trichlorofluoromethane	3.591	101	1260756	10.098	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.092	101	975378	10.074	ppbv	98
13) Ethanol	3.279	45	26435m	8.356	ppbv	
14) Bromoethene	3.394	108	398685	10.376	ppbv	94
15) Acetone	3.497	43	956622	9.384	ppbv	99
16) 1,3-Butadiene	3.012	39	515564	10.233	ppbv	98
17) tert-Butyl alcohol	3.906	59	820434	9.868	ppbv	97
18) 1,1-Dichloroethene	3.906	96	427589	10.035	ppbv	96
19) Isopropyl Alcohol	3.600	45	461051	9.653	ppbv #	96
20) Methylene Chloride	3.960	84	356756	9.199	ppbv	98
21) Allyl Chloride	4.021	41	665350	10.085	ppbv	98
22) trans-1,2-Dichloroethene	4.472	96	410722	9.280	ppbv	98
23) Vinyl Acetate	4.652	43	226677m	5.769	ppbv	
24) 1,1-Dichloroethane	4.591	63	912153	9.968	ppbv	98
25) Ethyl Acetate	5.227	43	2413013	12.108	ppbv	99
26) Hexane	5.237	57	868909	10.485	ppbv	86
27) Carbon Disulfide	4.150	76	1016194	10.330	ppbv	97
28) Methyl tert-Butyl Ether	4.613	73	660359	9.159	ppbv	98
29) Chloroform	5.298	83	1326819	10.185	ppbv	97
30) Cyclohexane	6.619	84	755695	11.129	ppbv	98
31) cis-1,2-Dichloroethene	5.102	61	808479	10.108	ppbv	98
32) 1,1,1-Trichloroethane	6.025	97	1266707	10.713	ppbv	99
34) 2-Butanone	4.812	43	1081768	10.275	ppbv	99
35) Carbon Tetrachloride	6.513	117	1380195	10.818	ppbv	99
36) Benzene	6.391	78	1826525	10.598	ppbv	99
37) 1,2-Dichloroethane	5.828	62	968525	10.348	ppbv	100
38) Trichloroethene	7.311	130	852880	8.766	ppbv	99
39) 1,2-Dichloropropane	7.092	63	686180	10.335	ppbv	94
40) 1,4-Dioxane	7.314	88	227697	10.061	ppbv #	100
41) Tetrahydrofuran	5.581	42	737852	11.280	ppbv	100
42) Bromodichloromethane	7.266	83	1423245	10.798	ppbv	98
43) Methyl Methacrylate	7.494	69	732407	12.203	ppbv	97
44) 2,2,4-Trimethylpentane	7.343	57	3110520	10.795	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	500080	9.808	ppbv	96

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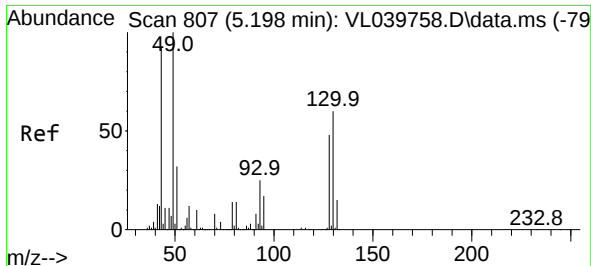
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

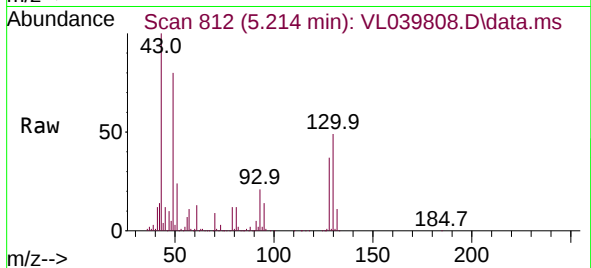
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	768226	10.499	ppbv	99
47) 1,1,2-Trichloroethane	8.915	97	761975	10.719	ppbv	98
48) Dibromochloromethane	9.725	129	1256458	10.979	ppbv	100
49) Bromoform	12.420	173	1052409	11.290	ppbv	98
50) 4-Methyl-2-Pentanone	8.198	43	1957319	11.849	ppbv	99
51) 2-Hexanone	9.571	43	1469976	12.155	ppbv #	98
52) Tetrachloroethene	10.635	164	670500	10.386	ppbv	97
53) Toluene	9.240	91	2114626	11.711	ppbv	99
54) 1,2-Dibromoethane	10.024	107	945347	13.099	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	981559	10.863	ppbv	97
57) Chlorobenzene	11.542	112	1602047	9.780	ppbv	99
58) Ethyl Benzene	12.105	91	2796454	11.495	ppbv	100
59) m/p-Xylene	12.388	91	4737787m	21.578	ppbv	
60) o-Xylene	13.076	91	2289732	11.122	ppbv	100
61) Styrene	12.912	104	1269770	11.743	ppbv	100
62) Isopropylbenzene	14.047	105	3513824	11.172	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1295486	14.961	ppbv	100
64) n-propylbenzene	14.928	120	906379	11.380	ppbv	99
65) tert-Butylbenzene	16.108	119	3160727	11.532	ppbv	99
66) Benzyl Chloride	16.339	91	130225	6.698	ppbv	99
67) sec-Butylbenzene	16.648	105	4403479	11.406	ppbv	100
69) p-Isopropyltoluene	17.008	119	3624640	11.606	ppbv	100
70) n-Butylbenzene	17.902	91	3596452	12.043	ppbv	99
71) 2-Chlorotoluene	14.812	91	2477273	11.340	ppbv	100
72) 4-Ethyltoluene	15.208	105	2582399	10.889	ppbv	100
73) 1,3,5-Trimethylbenzene	15.365	105	2381049	11.218	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	2638709	10.978	ppbv	97
75) 1,3-Dichlorobenzene	16.346	146	1485825	10.185	ppbv	98
76) 1,4-Dichlorobenzene	16.487	146	1390214	9.992	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	1473505	10.592	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	1055784	9.959	ppbv	99
79) Naphthalene	21.394	128	1893192	12.880	ppbv	97
80) Naphthalene,2-methyl-	24.387	142	416152	8.338	ppbv	97
81) 1,2,4-Trichlorobenzene	21.153	180	1078429	11.101	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.016 min
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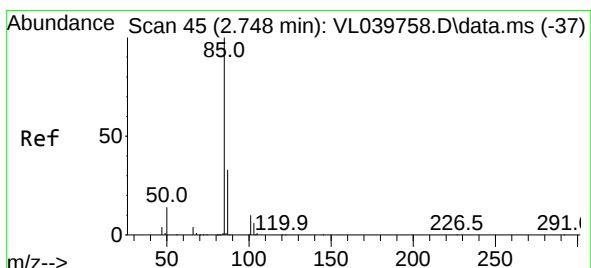
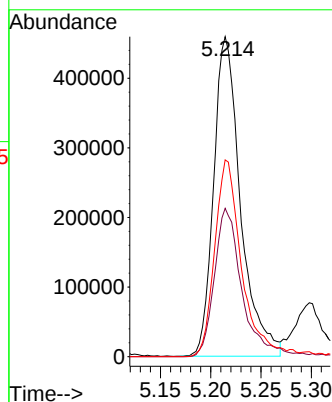
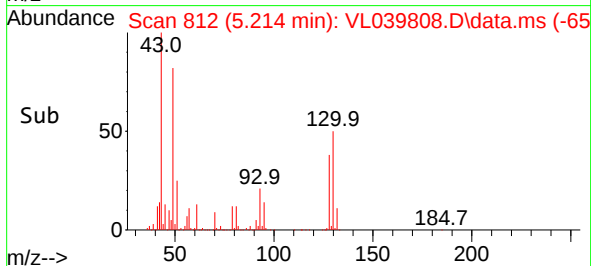
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 85344
Ion Ratio Lower Upper
49 100
128 48.7 24.6 74.0
130 64.2 31.8 95.3

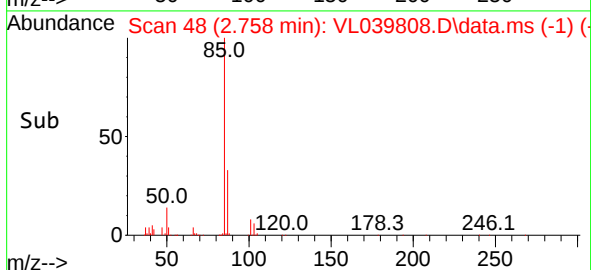
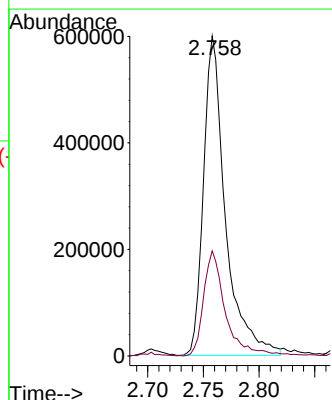
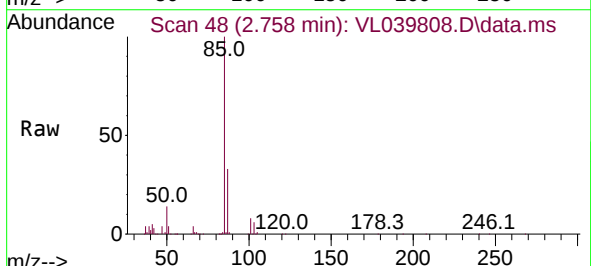
Manual Integrations
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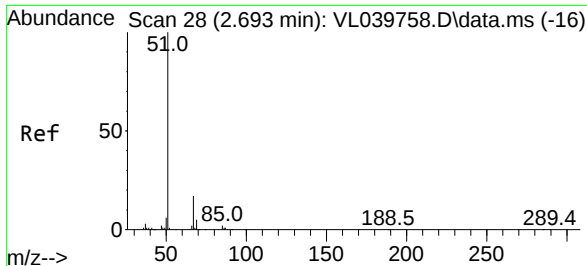
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 9.177 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.010 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

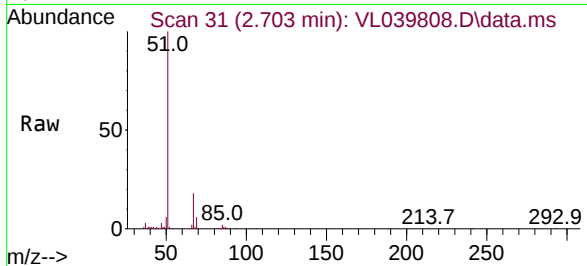
Tgt Ion: 85 Resp: 820012
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1





#3
Chlorodifluoromethane
Concen: 10.198 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

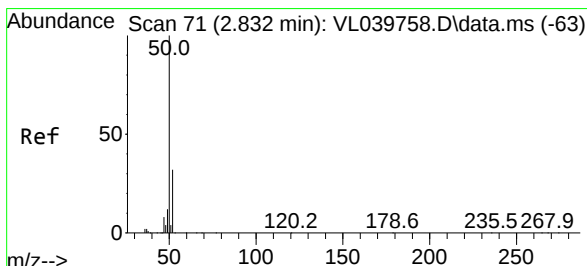
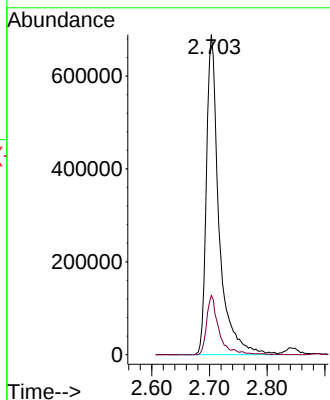
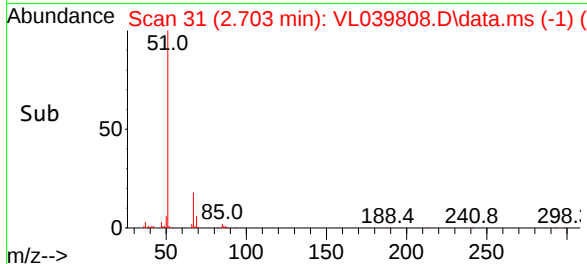
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



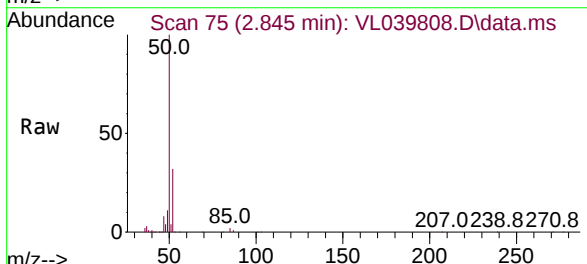
Tgt Ion: 51 Resp: 104547
Ion Ratio Lower Upper
51 100
67 18.1 14.2 21.2

Manual Integrations
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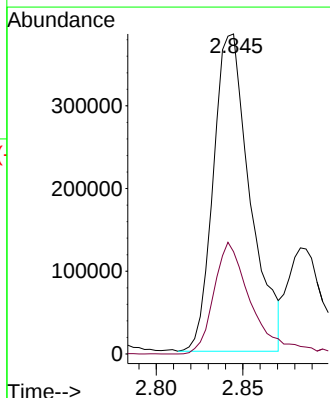
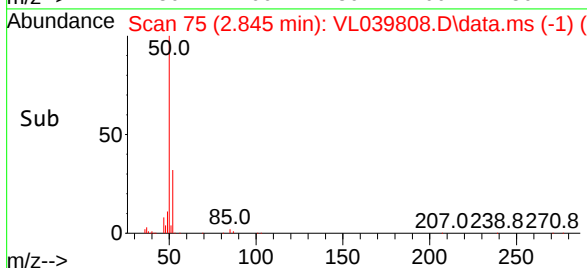
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

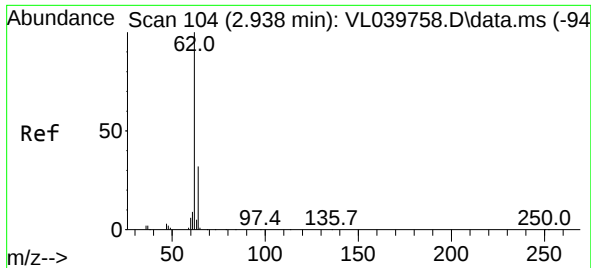


#4
Chloromethane
Concen: 8.828 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



Tgt Ion: 50 Resp: 566594
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9





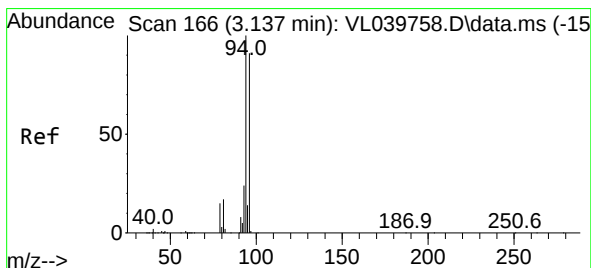
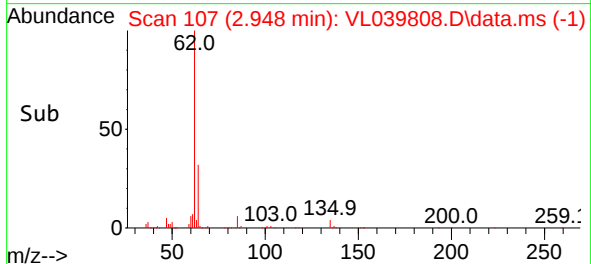
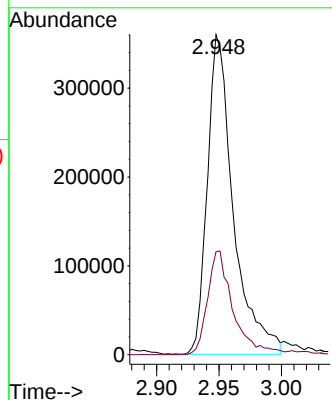
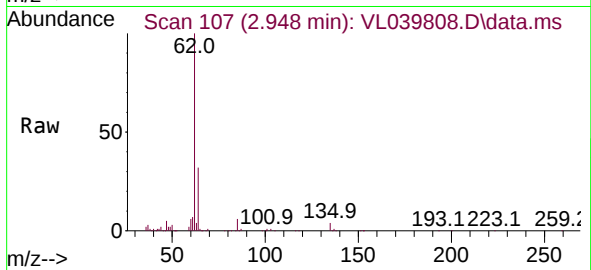
#5
 Vinyl Chloride
 Concen: 9.807 ppbv
 RT: 2.948 min Scan# 104
 Delta R.T. 0.010 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 522015
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.0 39.0

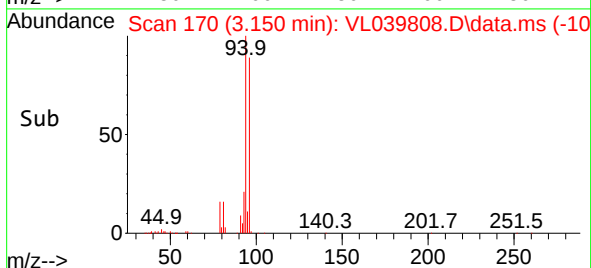
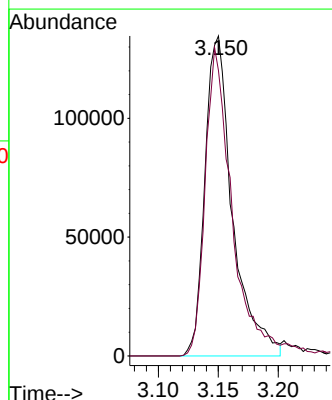
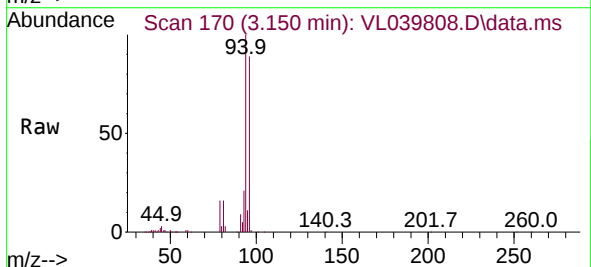
Manual Integrations
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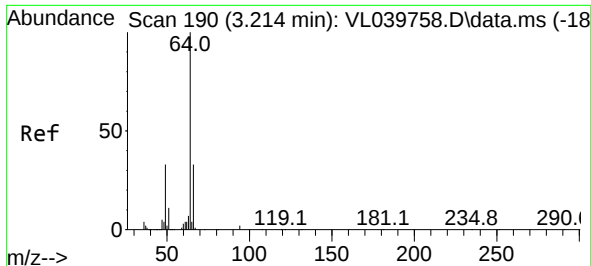
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 11.291 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.013 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

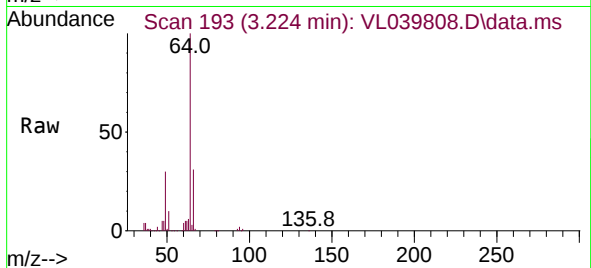
Tgt Ion: 94 Resp: 215921
 Ion Ratio Lower Upper
 94 100
 96 89.3 73.0 109.6





#7
Chloroethane
Concen: 10.272 ppbv
RT: 3.224 min Scan# 190
Delta R.T. 0.010 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

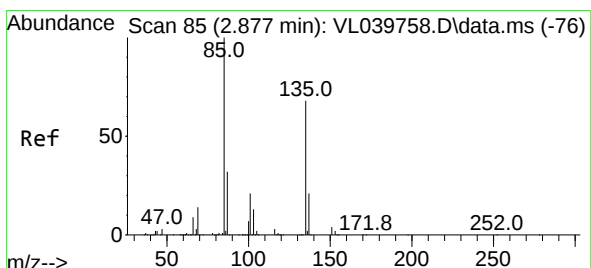
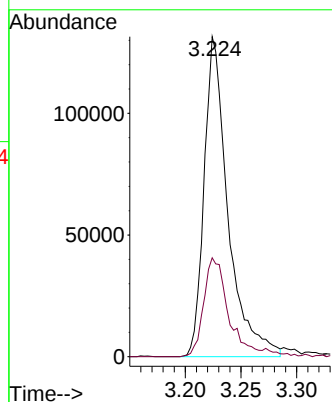
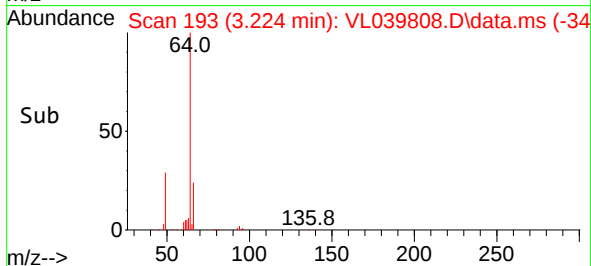
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 196370
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5

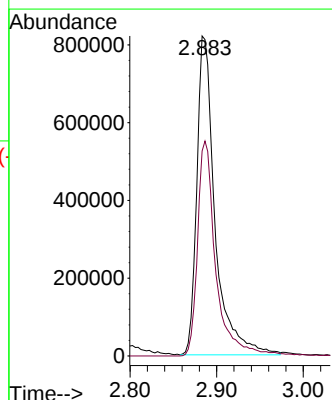
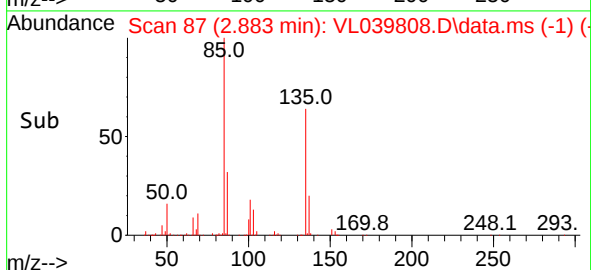
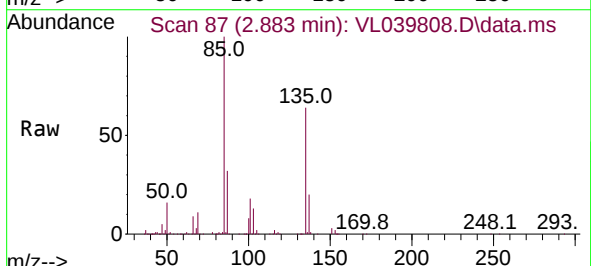
Manual Integrations
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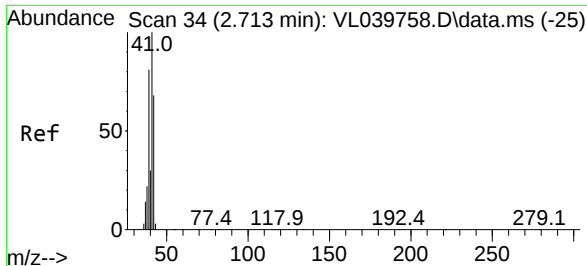
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 10.280 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

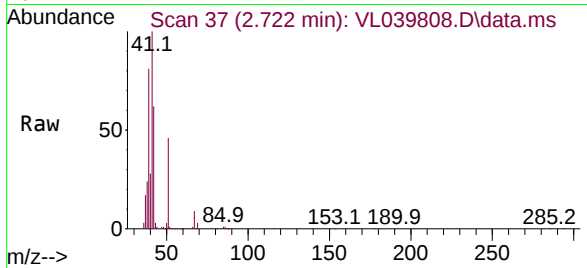
Tgt Ion: 85 Resp: 1199280
Ion Ratio Lower Upper
85 100
135 68.2 55.8 83.6





#9
 Propene
 Concen: 9.507 ppbv
 RT: 2.722 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

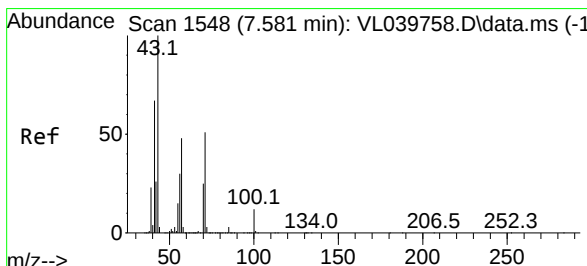
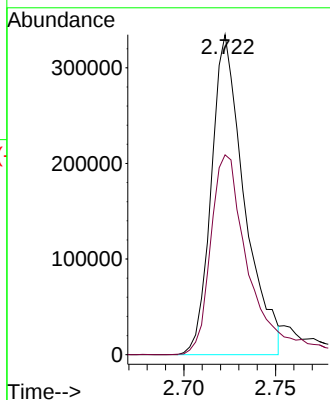
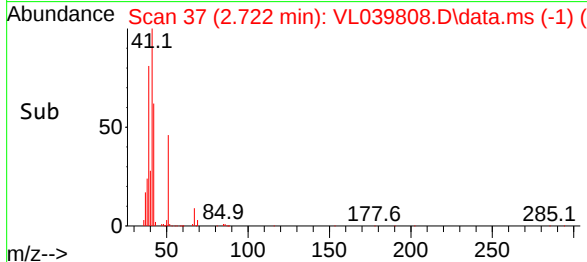
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



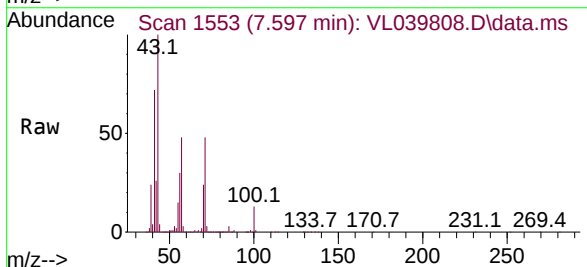
Tgt Ion: 41 Resp: 418763
 Ion Ratio Lower Upper
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 42 74.7 58.0 87.0

Manual Integrations
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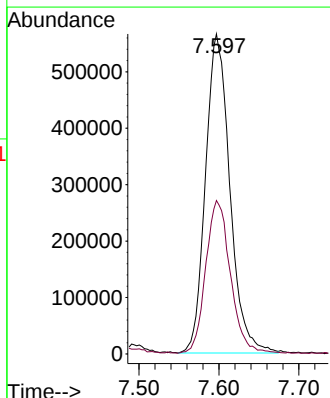
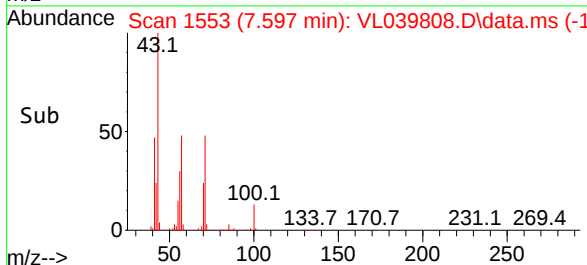
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

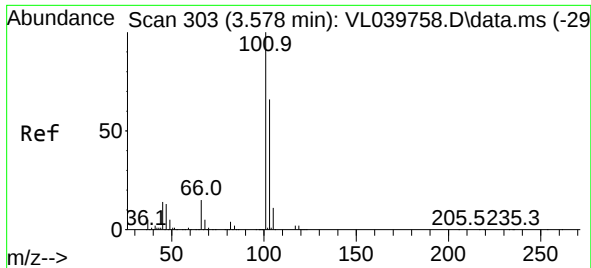


#10
 Heptane
 Concen: 11.349 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.016 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18



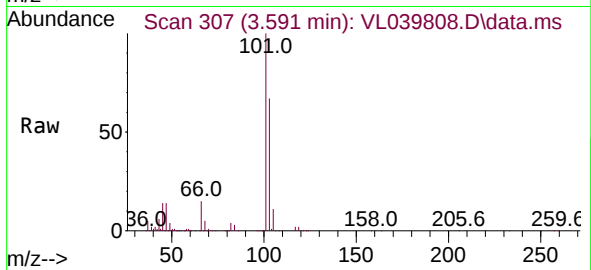
Tgt Ion: 43 Resp: 1196867
 Ion Ratio Lower Upper
 43 100
 57 48.5 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 10.098 ppbv
 RT: 3.591 min Scan# 303
 Delta R.T. 0.013 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

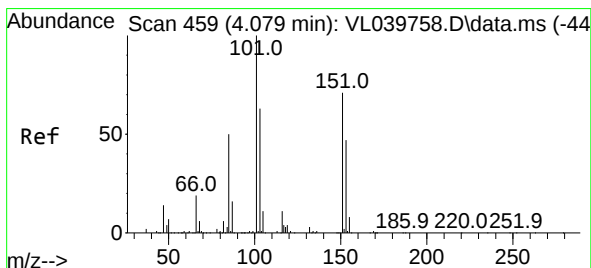
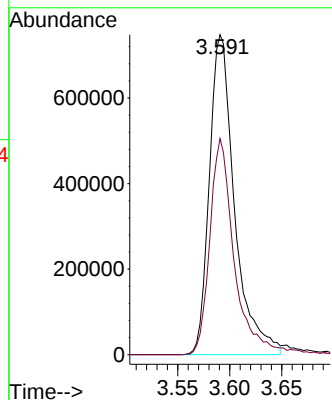
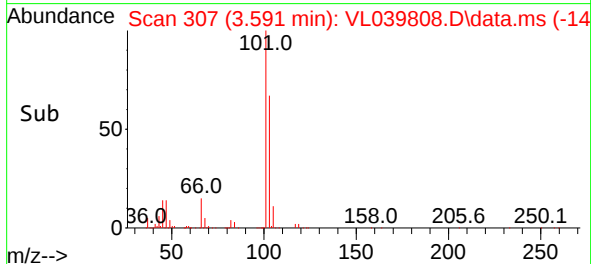
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 1260750
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.7 79.1

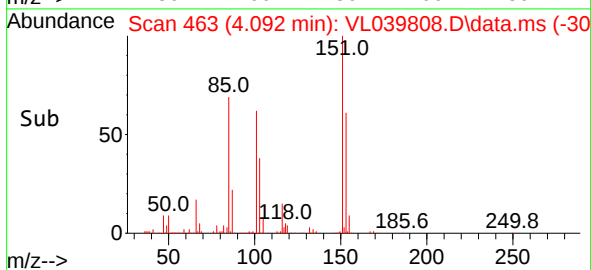
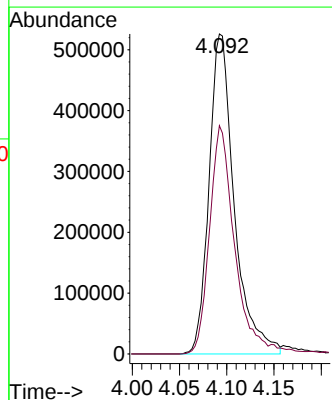
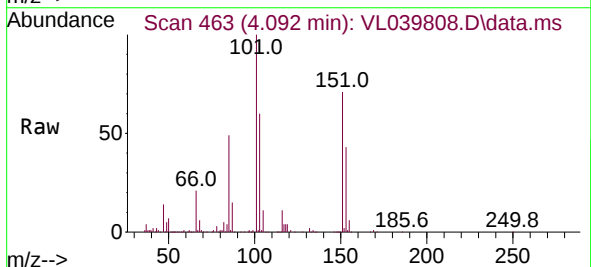
Manual Integrations
 APPROVED

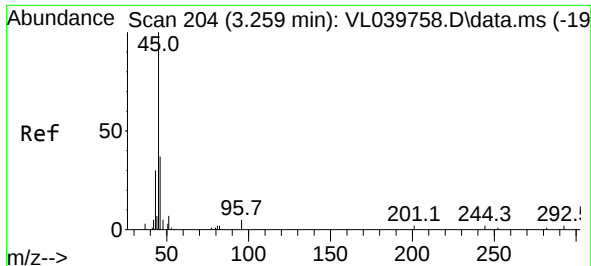
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.074 ppbv
 RT: 4.092 min Scan# 463
 Delta R.T. 0.013 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

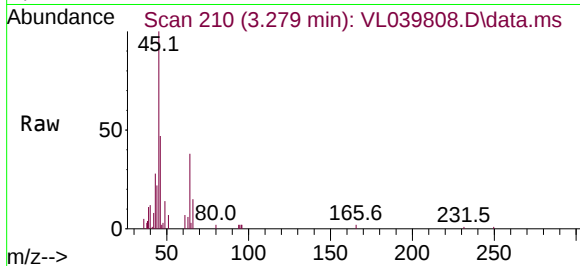
Tgt Ion:101 Resp: 975378
 Ion Ratio Lower Upper
 101 100
 151 72.3 56.6 84.8





#13
Ethanol
Concen: 8.356 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

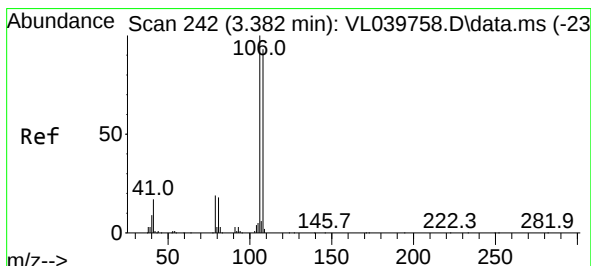
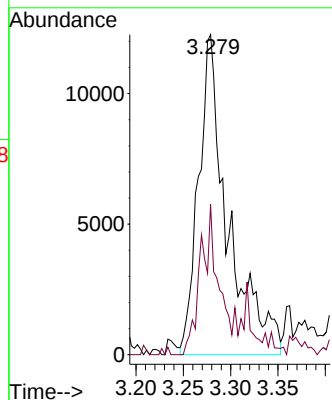
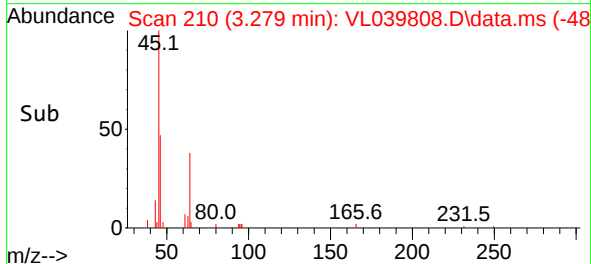
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 26435
Ion Ratio Lower Upper
45 100
46 30.1 15.3 61.3

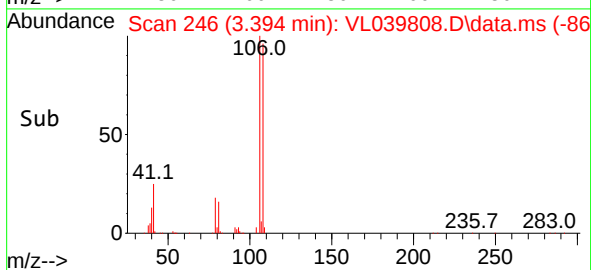
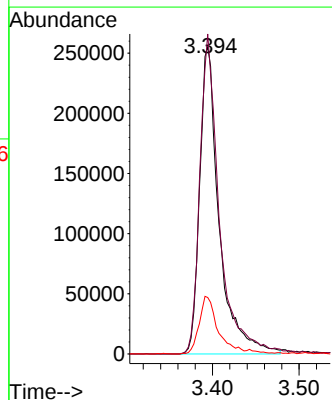
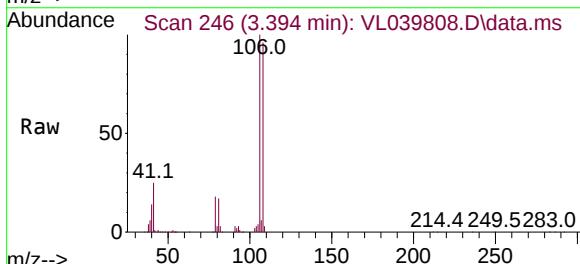
Manual Integrations
APPROVED

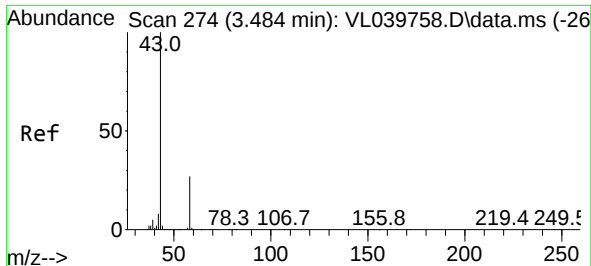
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Bromoethene
Concen: 10.376 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

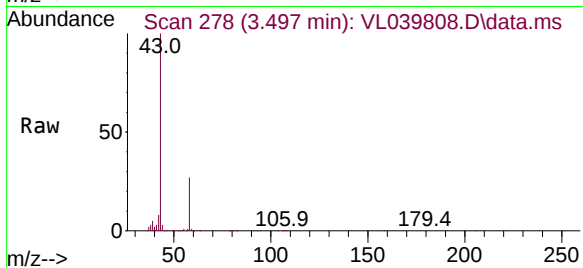
Tgt Ion:108 Resp: 398685
Ion Ratio Lower Upper
108 100
106 105.9 90.6 136.0
79 19.3 16.6 24.8





#15
Acetone
Concen: 9.384 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

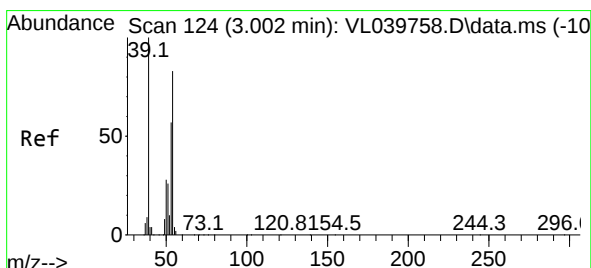
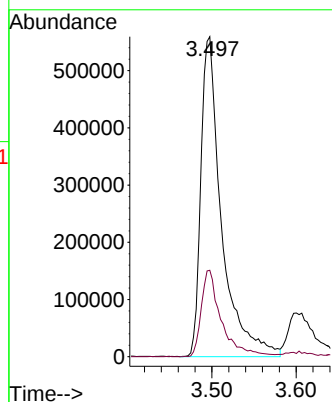
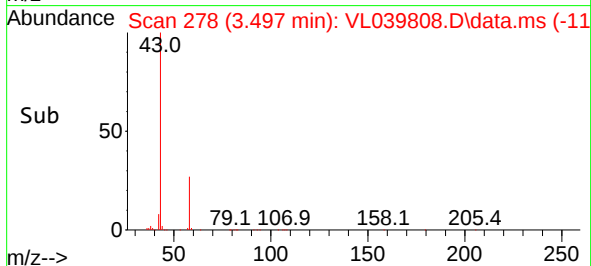
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



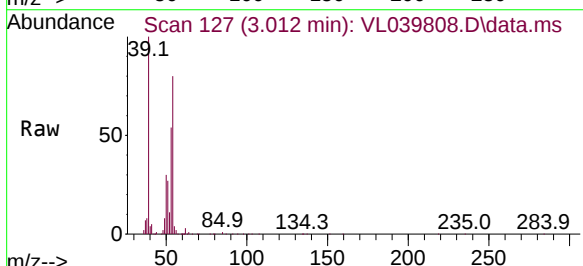
Tgt Ion: 43 Resp: 95662
Ion Ratio Lower Upper
43 100
58 26.4 20.7 31.1

Manual Integrations
APPROVED

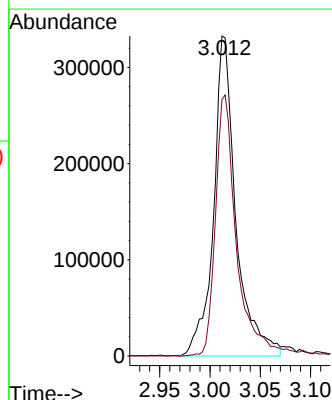
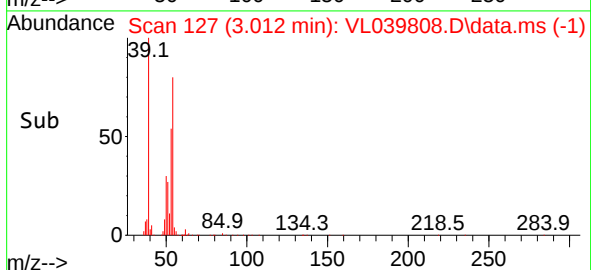
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

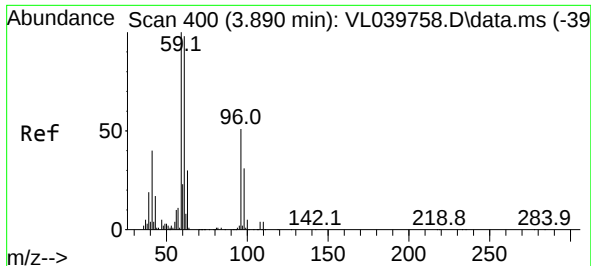


#16
1,3-Butadiene
Concen: 10.233 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.010 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



Tgt Ion: 39 Resp: 515564
Ion Ratio Lower Upper
39 100
54 79.1 64.6 97.0





#17

tert-Butyl alcohol

Concen: 9.868 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.016 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 820434

Ion Ratio Lower Upper

59 100

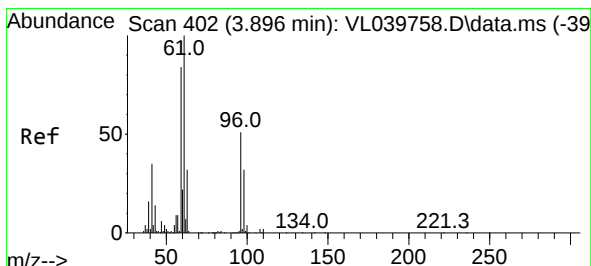
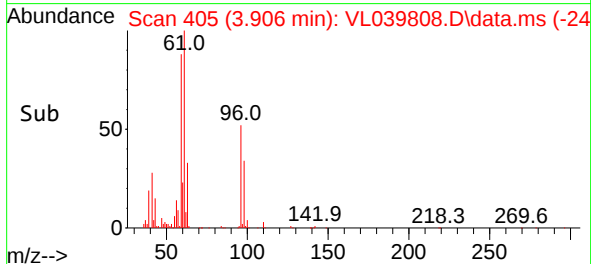
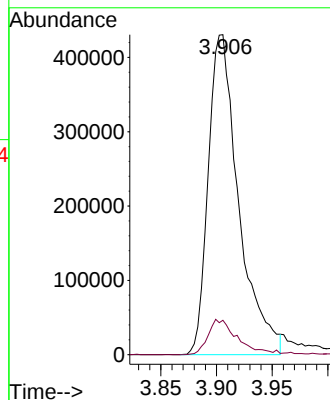
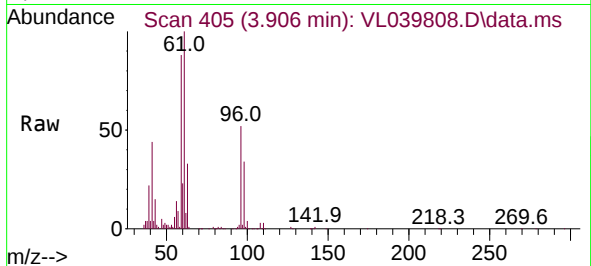
57 11.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 10.035 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.010 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

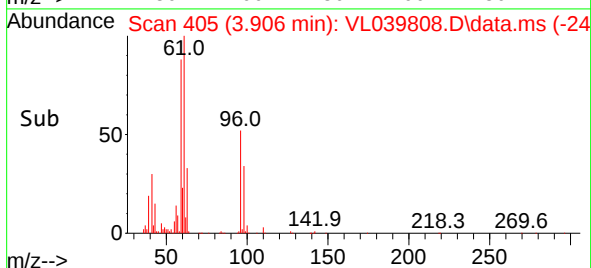
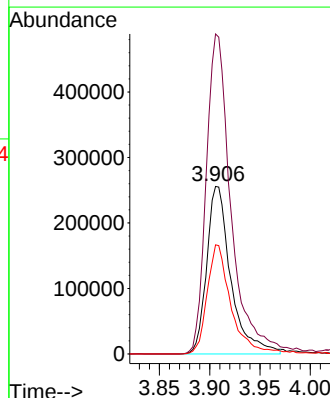
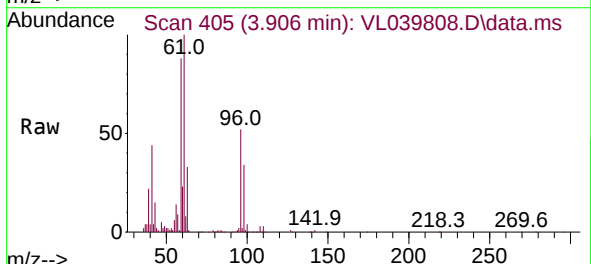
Tgt Ion: 96 Resp: 427589

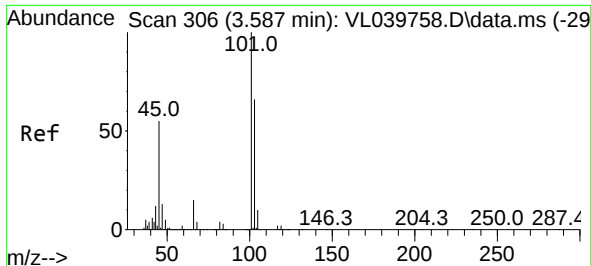
Ion Ratio Lower Upper

96 100

61 191.0 157.6 236.4

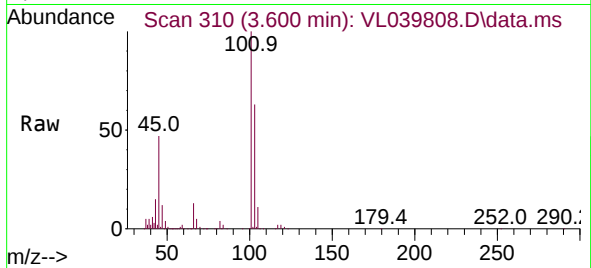
98 65.1 49.9 74.9





#19
Isopropyl Alcohol
Concen: 9.653 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

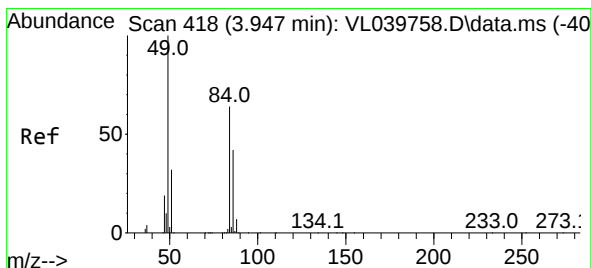
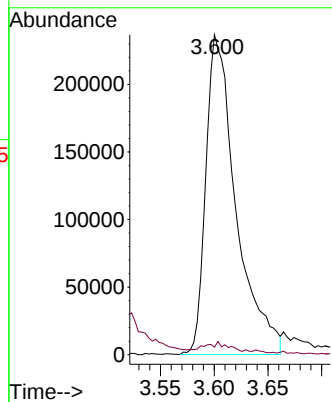
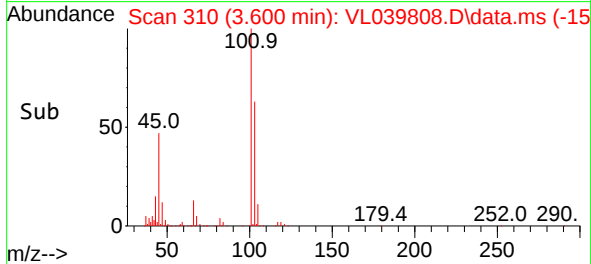
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



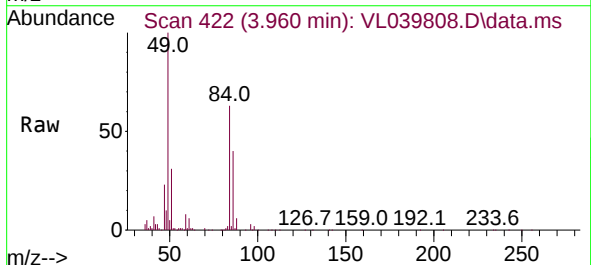
Tgt Ion: 45 Resp: 461055
Ion Ratio Lower Upper
45 100
58 5.0 2.8 4.2

Manual Integrations
APPROVED

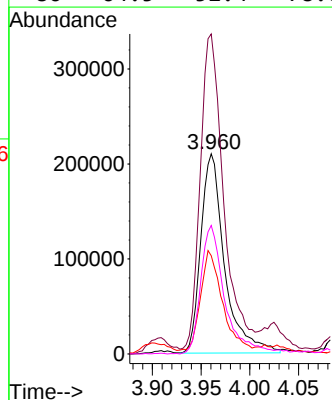
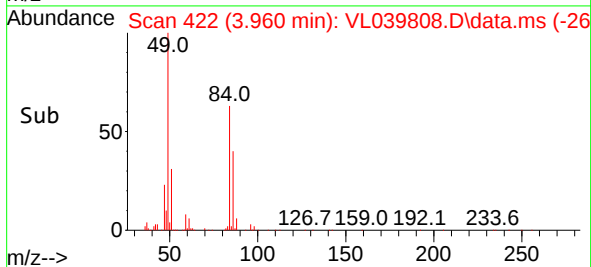
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

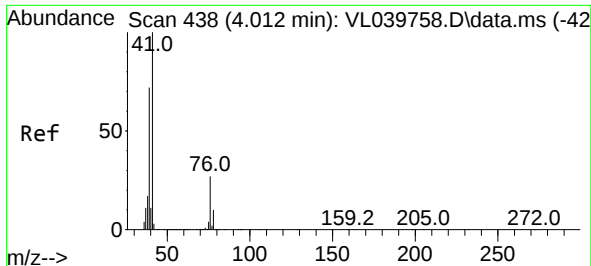


#20
Methylene Chloride
Concen: 9.199 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



Tgt Ion: 84 Resp: 356756
Ion Ratio Lower Upper
84 100
49 158.3 126.0 189.0
51 47.4 40.9 61.3
86 64.5 52.4 78.6





#21

Allyl Chloride

Concen: 10.085 ppbv

RT: 4.021 min Scan# 441

Delta R.T. 0.010 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

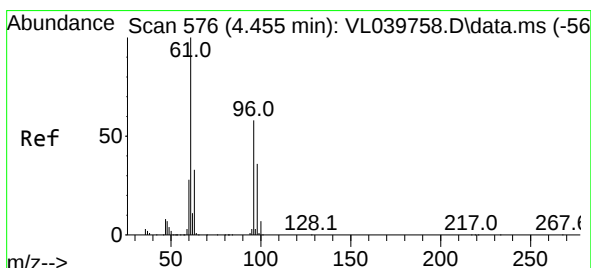
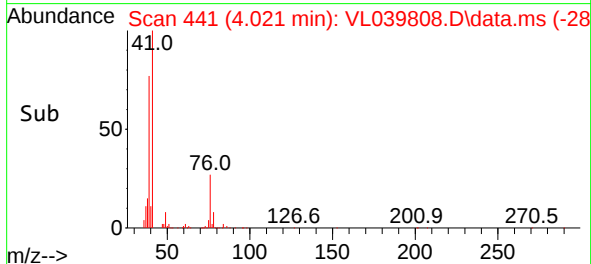
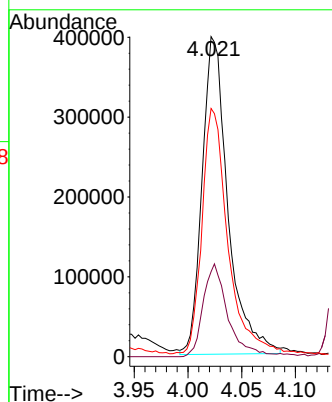
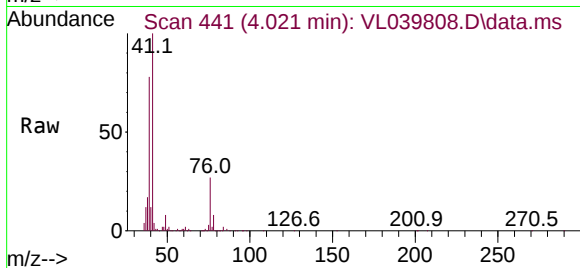
Tgt Ion: 41 Resp: 665350

Ion	Ratio	Lower	Upper
41	100		
76	28.5	23.5	35.3
39	78.8	64.9	97.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22

trans-1,2-Dichloroethene

Concen: 9.280 ppbv

RT: 4.472 min Scan# 581

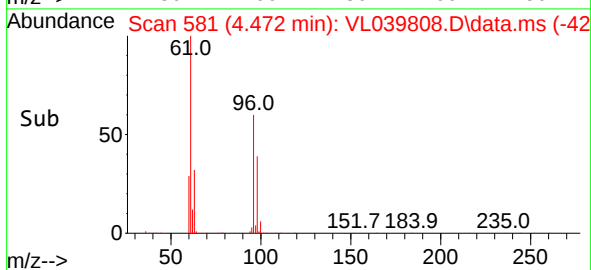
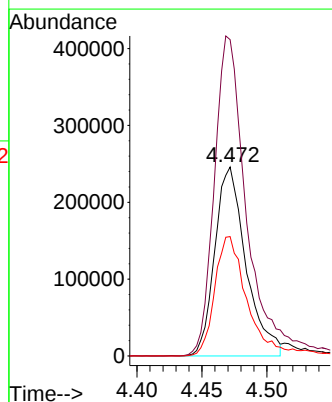
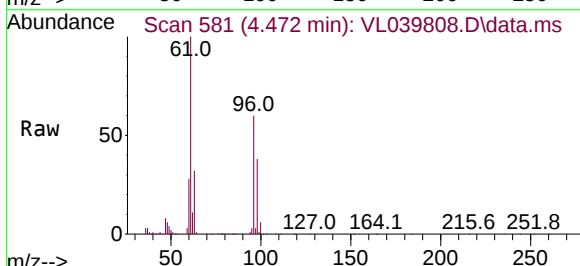
Delta R.T. 0.016 min

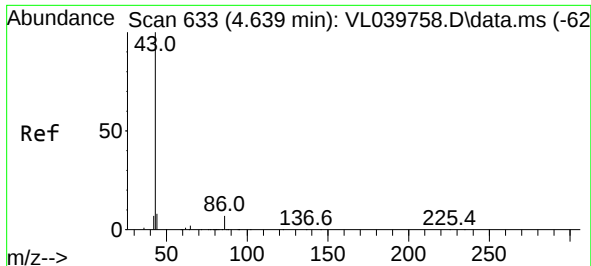
Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Tgt Ion: 96 Resp: 410722

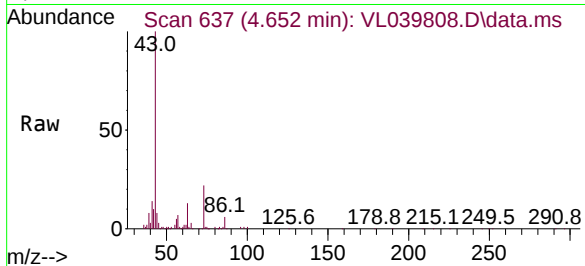
Ion	Ratio	Lower	Upper
96	100		
61	167.4	137.1	205.7
98	63.2	49.8	74.6





#23
 Vinyl Acetate
 Concen: 5.769 ppbv m
 RT: 4.652 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

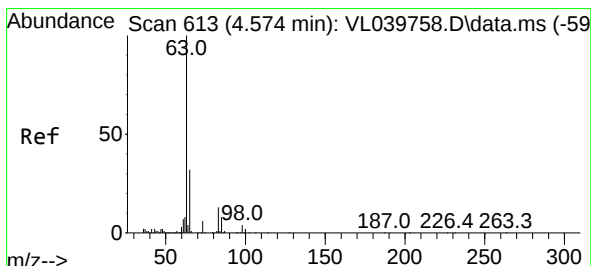
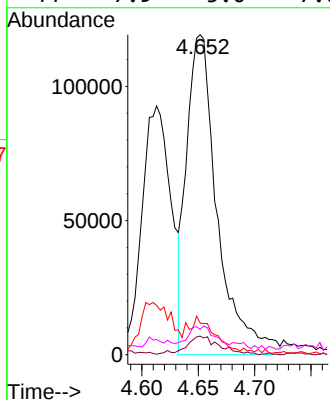
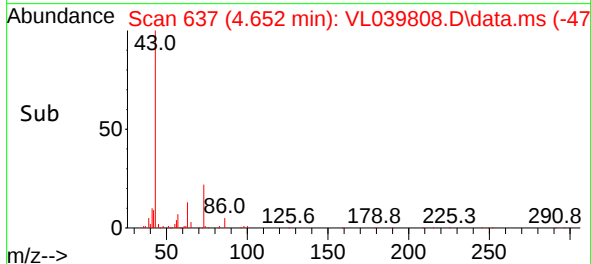
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 22667
 Ion Ratio Lower Upper
 43 100
 86 5.8 4.9 7.3
 42 9.9 7.2 10.8
 44 7.9 5.0 7.6#

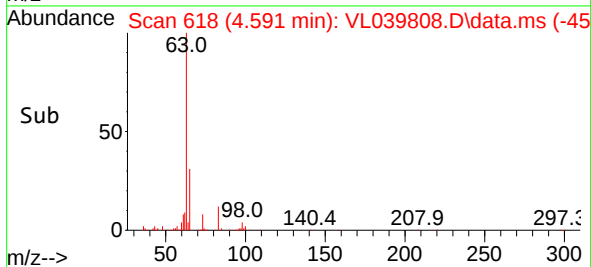
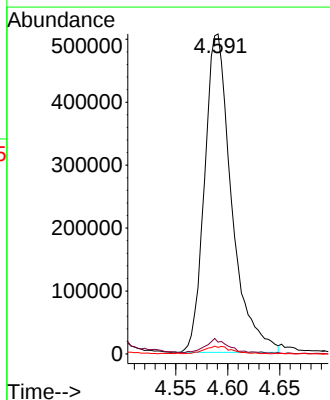
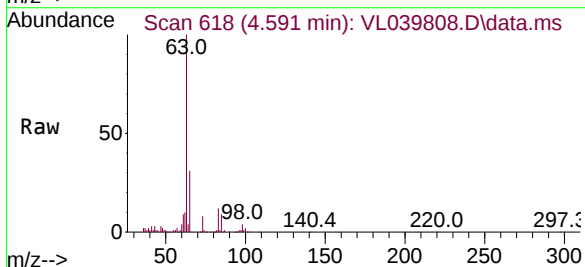
Manual Integrations
 APPROVED

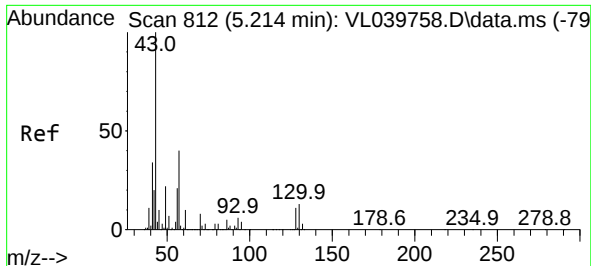
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 9.968 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.016 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

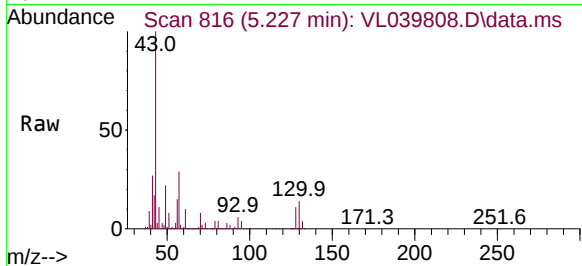
Tgt Ion: 63 Resp: 912153
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.1 6.3
 100 2.0 1.1 3.5





#25
Ethyl Acetate
Concen: 12.108 ppbv
RT: 5.227 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

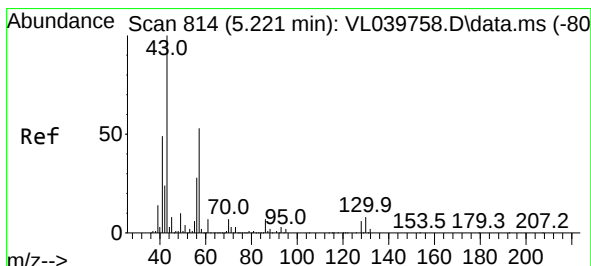
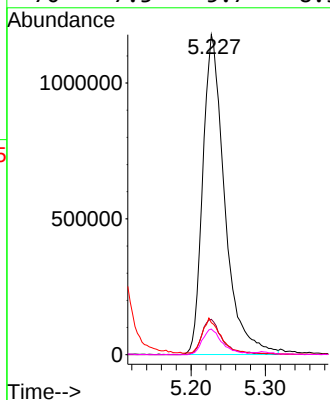
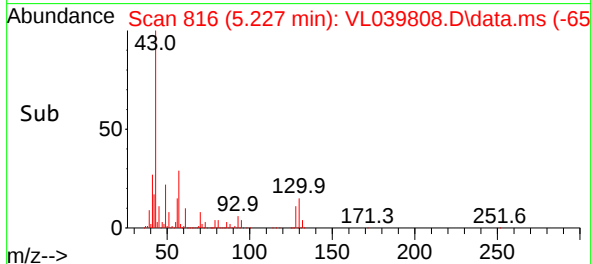
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 241301
Ion Ratio Lower Upper
43 100
45 10.8 8.2 12.2
61 10.6 8.2 12.4
70 7.3 5.7 8.5

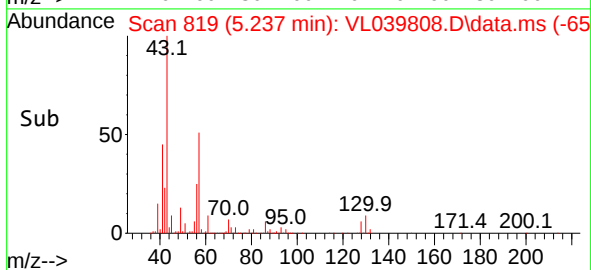
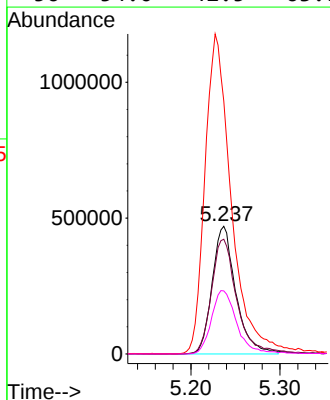
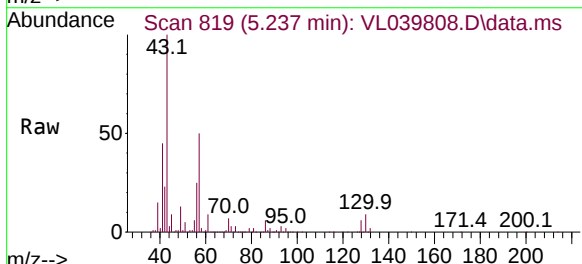
Manual Integrations
APPROVED

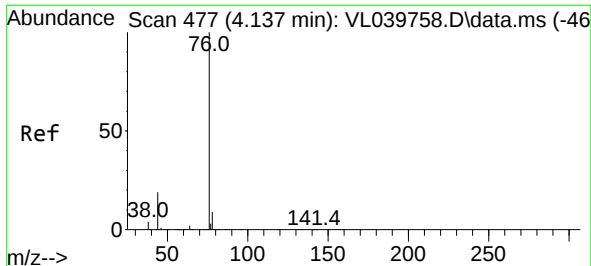
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Hexane
Concen: 10.485 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

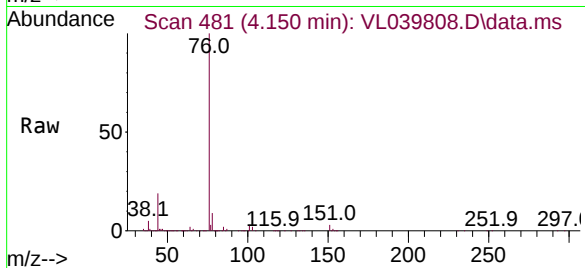
Tgt Ion: 57 Resp: 868909
Ion Ratio Lower Upper
57 100
41 97.3 76.1 114.1
43 282.7 197.1 295.7
56 54.0 42.5 63.7





#27
Carbon Disulfide
Concen: 10.330 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

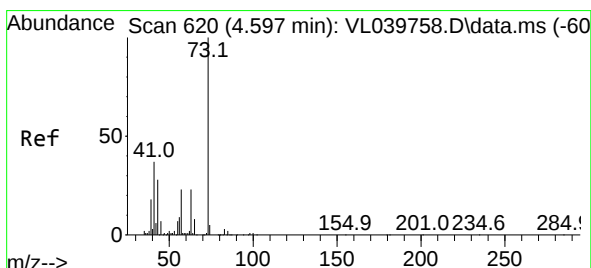
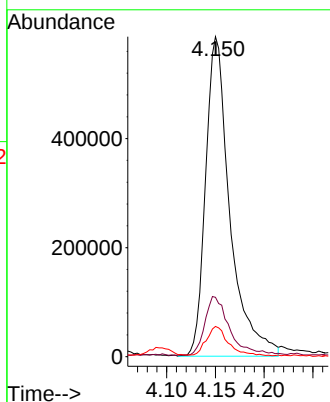
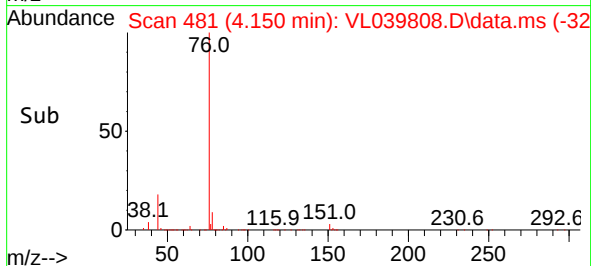
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



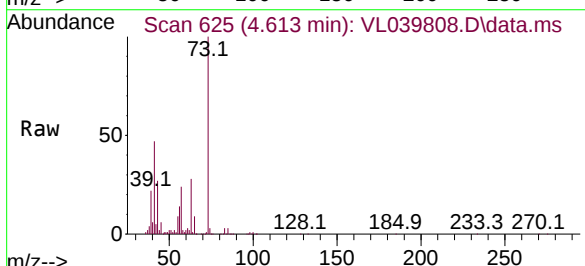
Tgt Ion: 76 Resp: 1016194
Ion Ratio Lower Upper
76 100
44 19.0 16.6 25.0
78 9.2 7.6 11.4

Manual Integrations
APPROVED

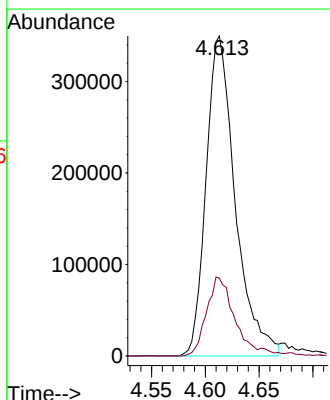
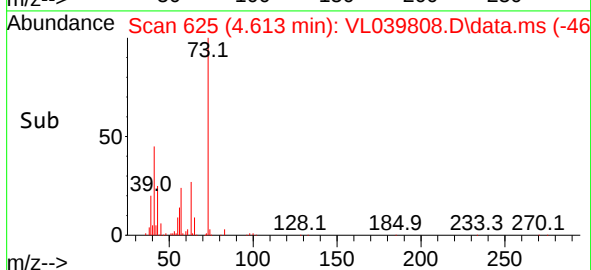
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

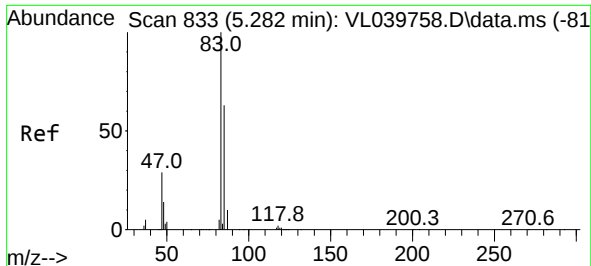


#28
Methyl tert-Butyl Ether
Concen: 9.159 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



Tgt Ion: 73 Resp: 660359
Ion Ratio Lower Upper
73 100
57 24.6 19.1 28.7





#29

Chloroform

Concen: 10.185 ppbv

RT: 5.298 min Scan# 833

Delta R.T. 0.016 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1326819

Ion Ratio Lower Upper

83 100

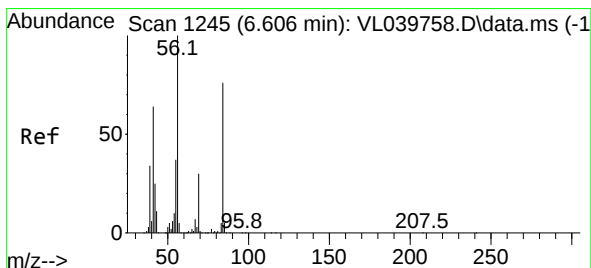
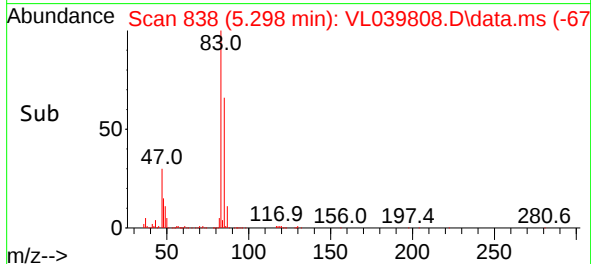
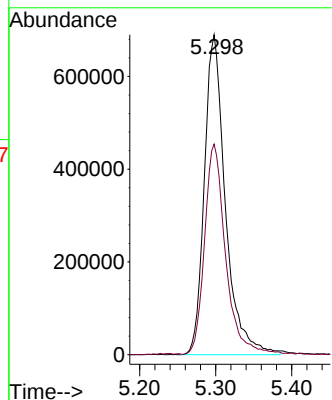
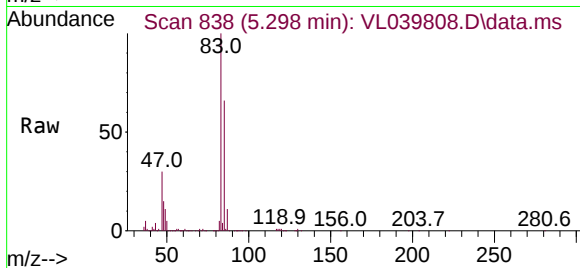
85 65.5 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 11.129 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.013 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

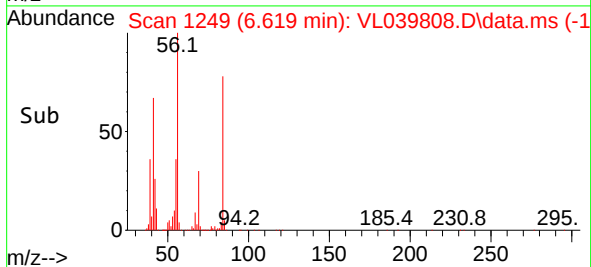
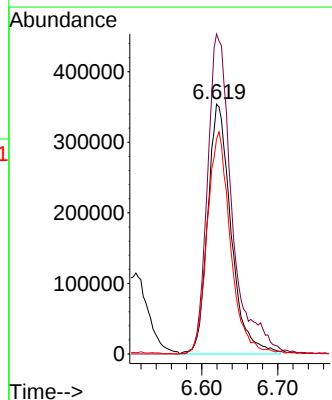
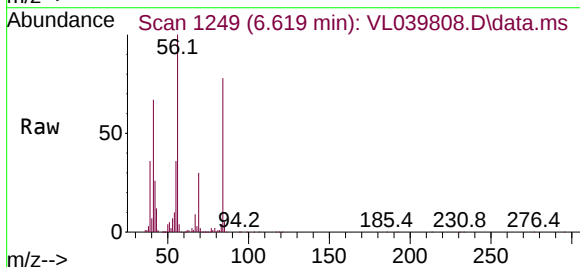
Tgt Ion: 84 Resp: 755695

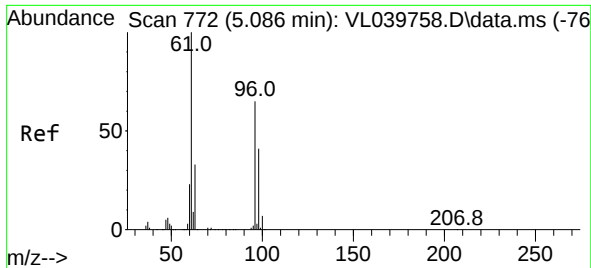
Ion Ratio Lower Upper

84 100

56 135.8 111.8 167.6

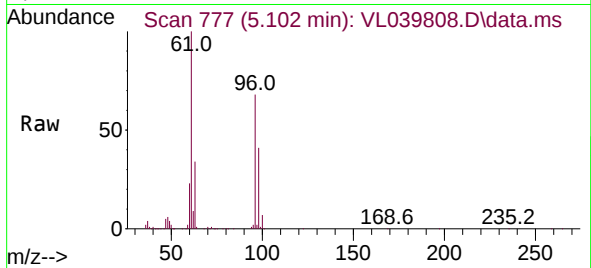
41 89.0 71.5 107.3





#31
cis-1,2-Dichloroethene
Concen: 10.108 ppbv
RT: 5.102 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

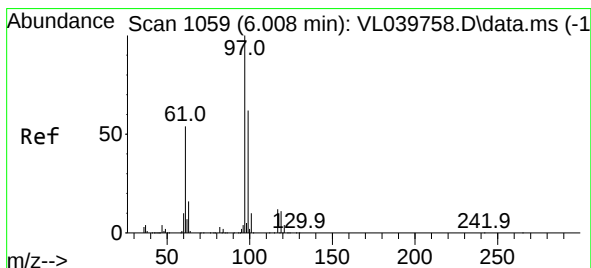
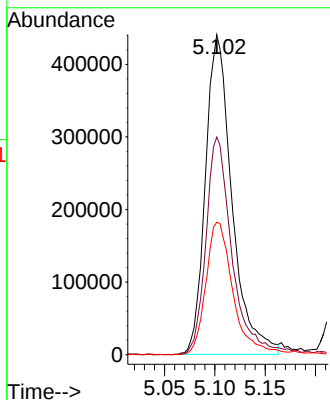
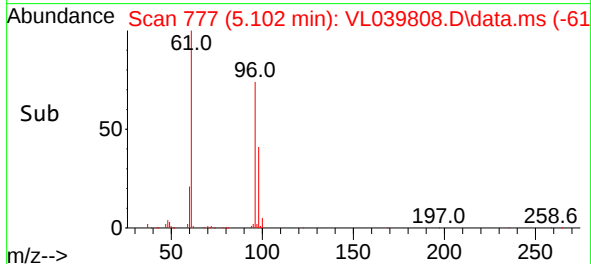
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 61 Resp: 808479
Ion Ratio Lower Upper
61 100
96 68.0 52.2 78.2
98 41.3 32.9 49.3

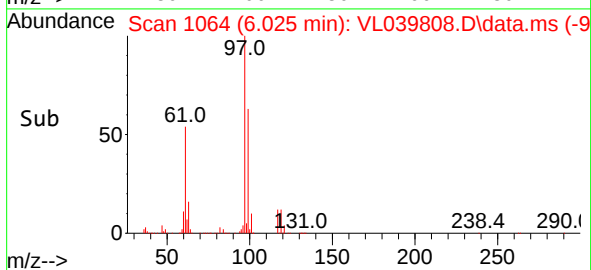
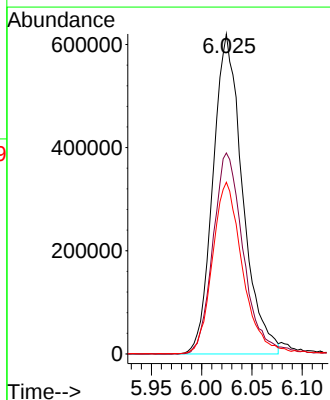
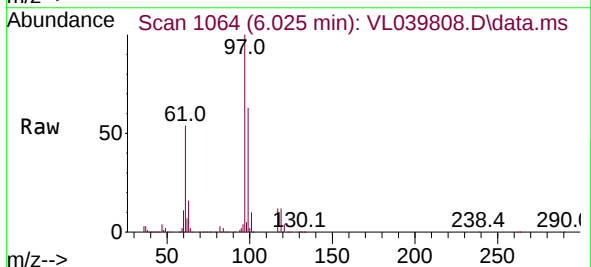
Manual Integrations
APPROVED

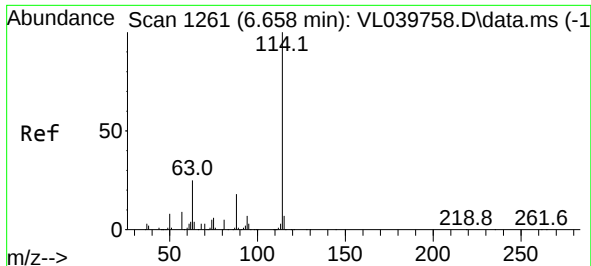
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 10.713 ppbv
RT: 6.025 min Scan# 1064
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion: 97 Resp: 1266707
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.4
61 55.7 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 223788

Ion Ratio Lower Upper

114 100

63 25.4 20.1 30.1

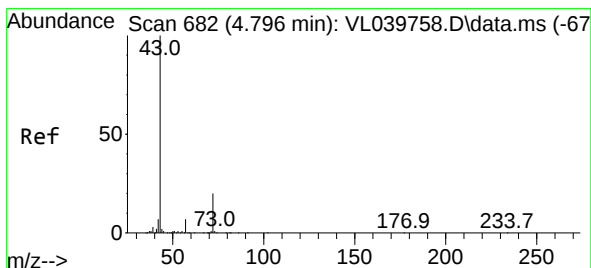
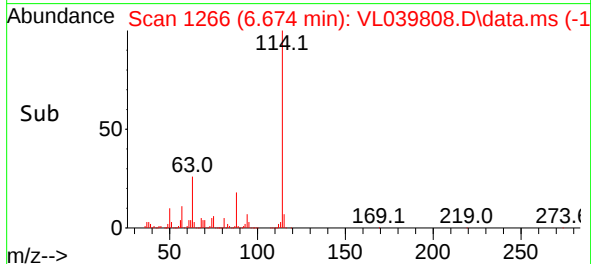
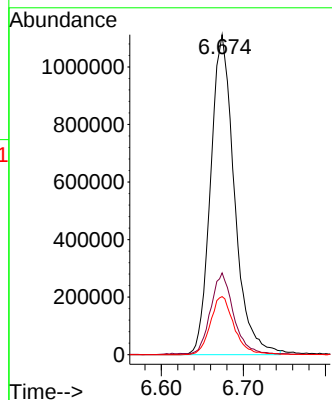
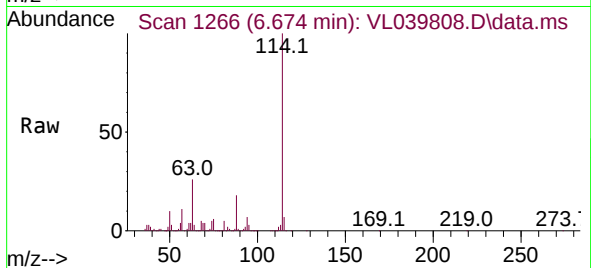
88 18.2 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 10.275 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.016 min

Lab File: VL039808.D

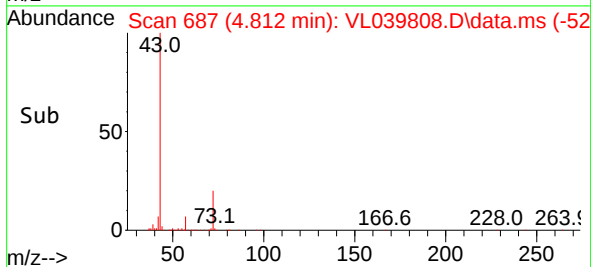
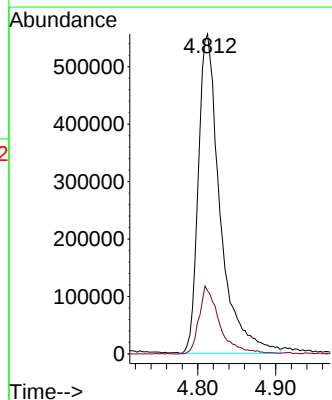
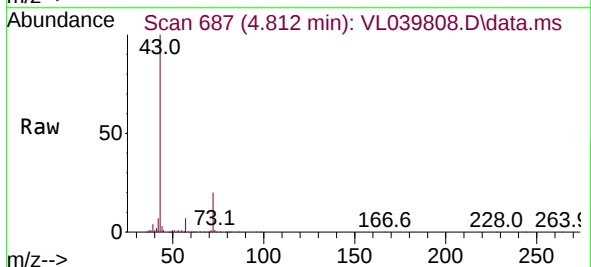
Acq: 26 Oct 2022 10:18

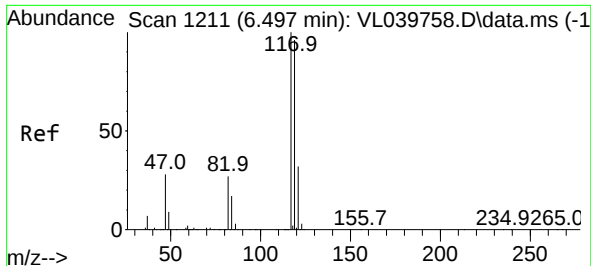
Tgt Ion: 43 Resp: 1081768

Ion Ratio Lower Upper

43 100

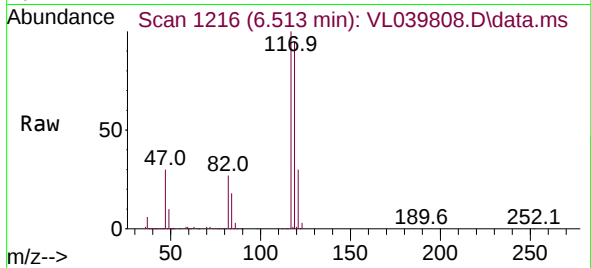
72 20.3 16.5 24.7





#35
Carbon Tetrachloride
Concen: 10.818 ppbv
RT: 6.513 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

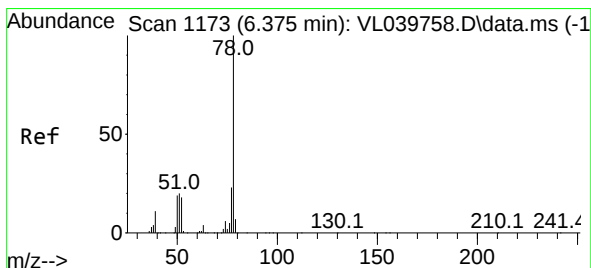
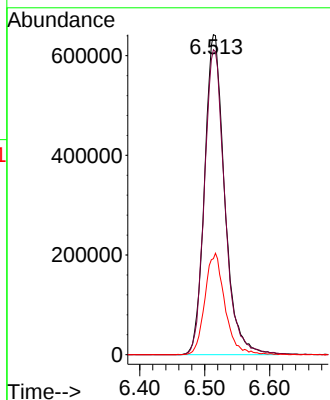
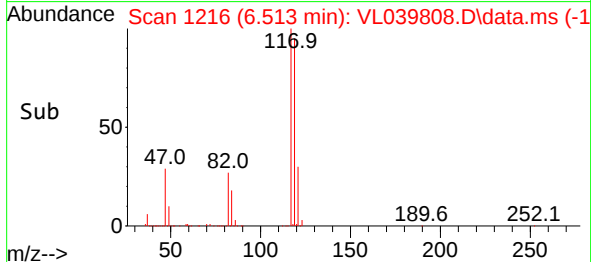
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 138019
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0
121 30.0 25.3 37.9

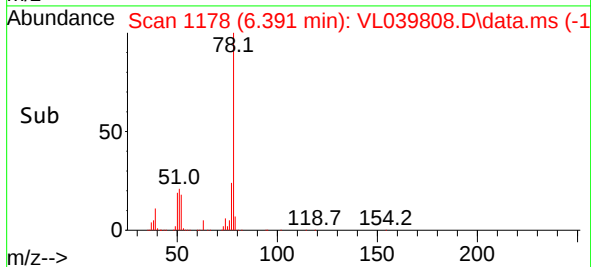
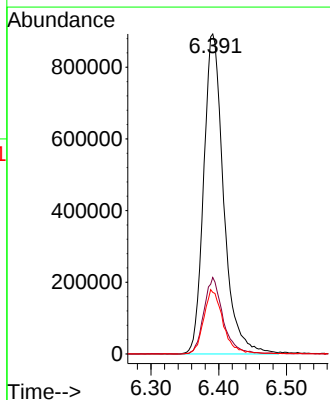
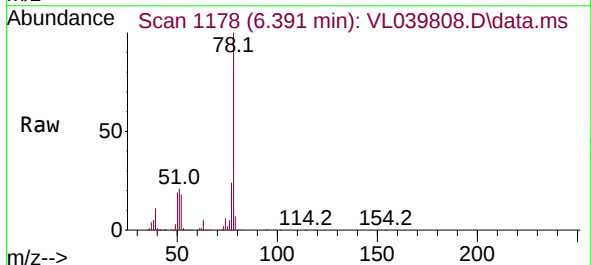
Manual Integrations
APPROVED

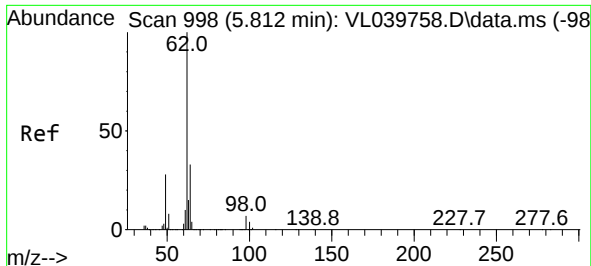
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 10.598 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion: 78 Resp: 1826525
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5
50 19.2 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.348 ppbv

RT: 5.828 min Scan# 1003

Delta R.T. 0.016 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 96852

Ion Ratio Lower Upper

62 100

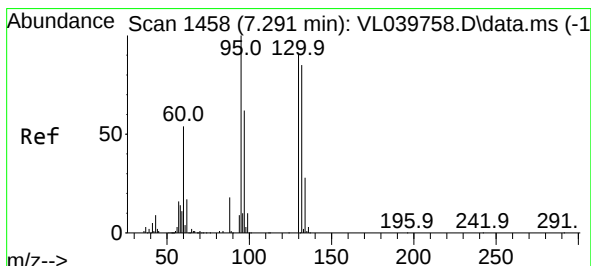
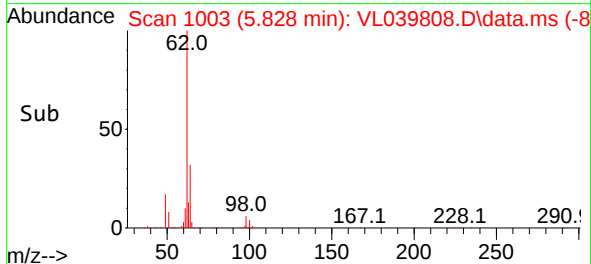
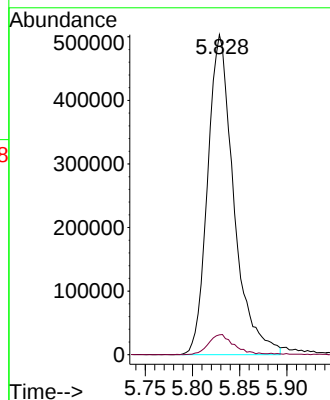
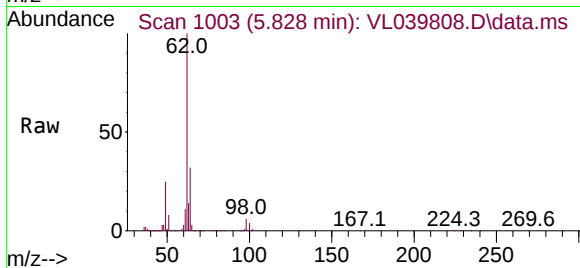
98 6.5 5.2 7.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Trichloroethene

Concen: 8.766 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.019 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Tgt Ion:130 Resp: 852880

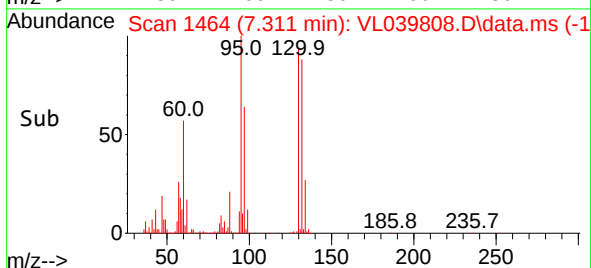
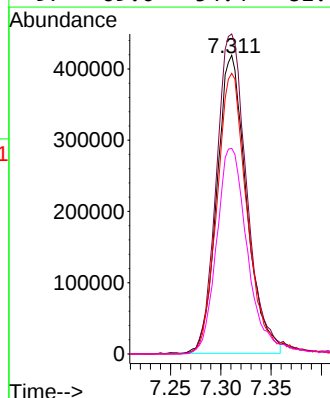
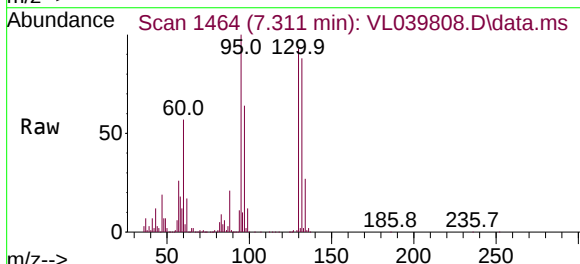
Ion Ratio Lower Upper

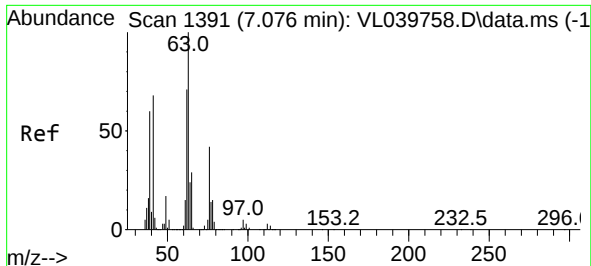
130 100

95 107.3 88.1 132.1

132 94.1 75.2 112.8

97 69.0 54.4 81.6





#39

1,2-Dichloropropane

Concen: 10.335 ppbv

RT: 7.092 min Scan# 1465

Delta R.T. 0.016 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 686180

Ion Ratio Lower Upper

63 100

41 75.1 54.5 81.7

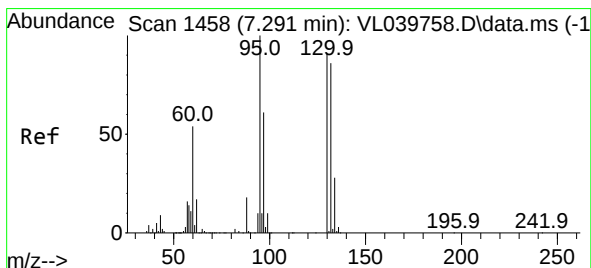
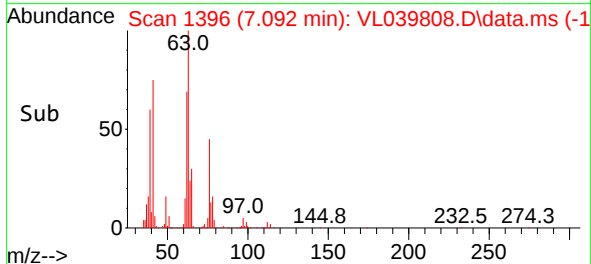
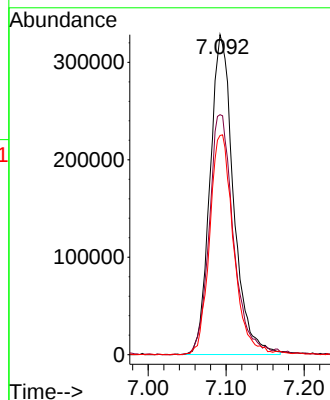
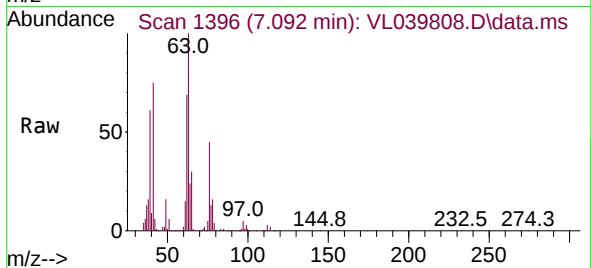
62 68.5 56.6 85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

1,4-Dioxane

Concen: 10.061 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.023 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Tgt Ion: 88 Resp: 227697

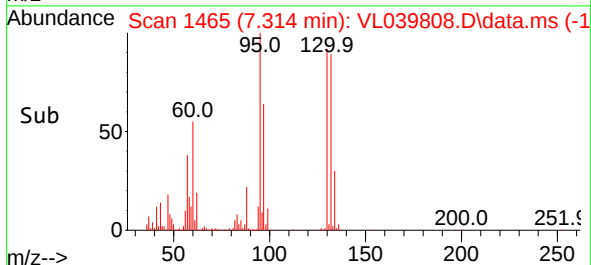
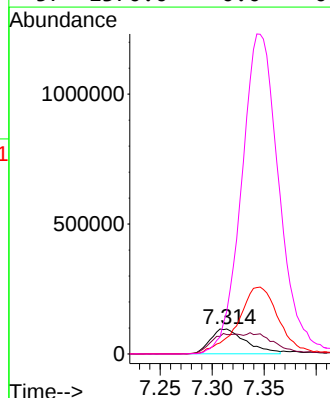
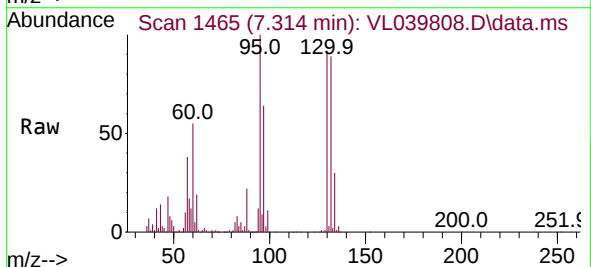
Ion Ratio Lower Upper

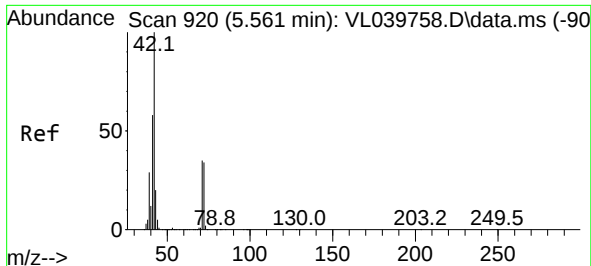
88 100

58 143.9 0.0 0.0#

43 311.4 0.0 0.0#

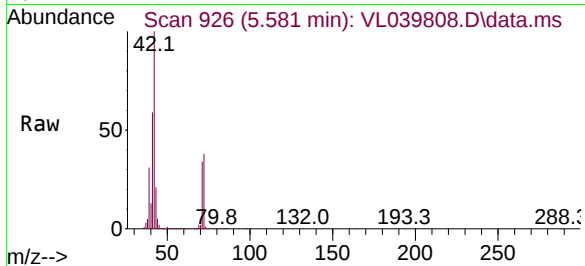
57 1370.0 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.280 ppbv
RT: 5.581 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

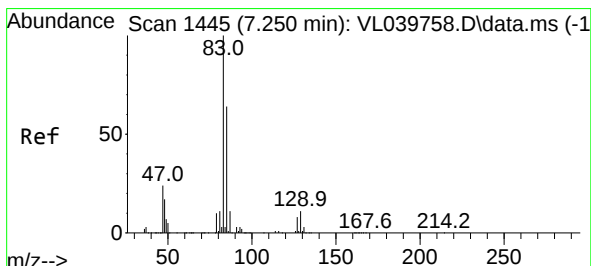
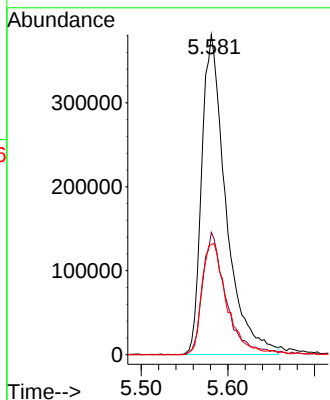
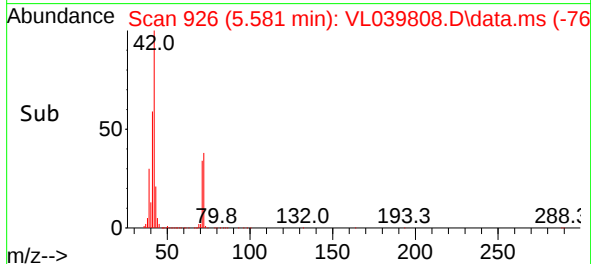
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 737852
Ion Ratio Lower Upper
42 100
72 37.8 29.9 44.9
71 36.7 29.2 43.8

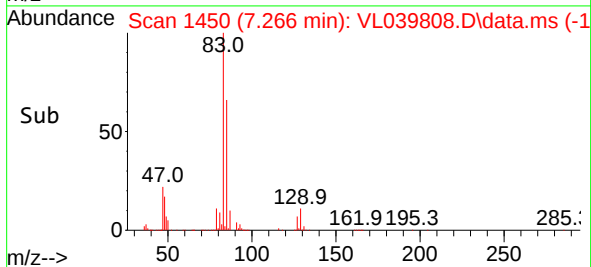
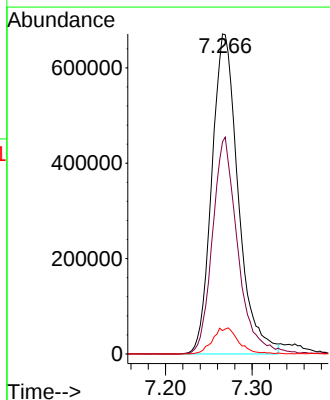
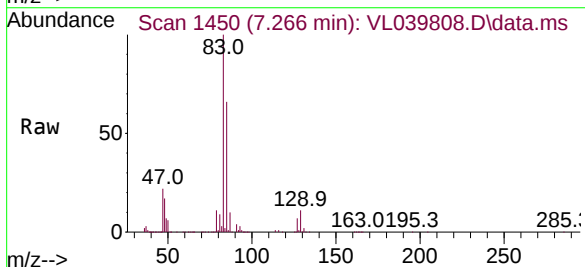
Manual Integrations
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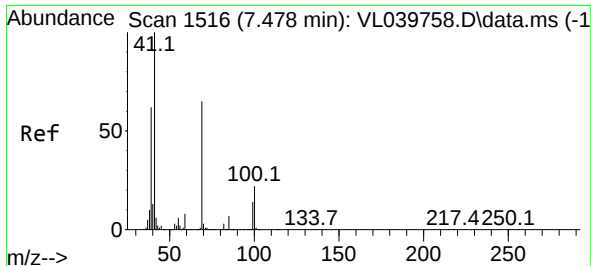
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Bromodichloromethane
Concen: 10.798 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

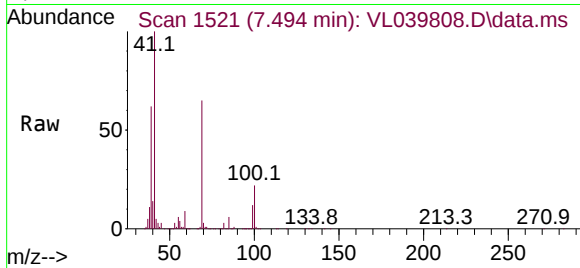
Tgt Ion: 83 Resp: 1423245
Ion Ratio Lower Upper
83 100
85 66.3 51.5 77.3
127 7.3 6.1 9.1





#43
Methyl Methacrylate
Concen: 12.203 ppbv
RT: 7.494 min Scan# 1521
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

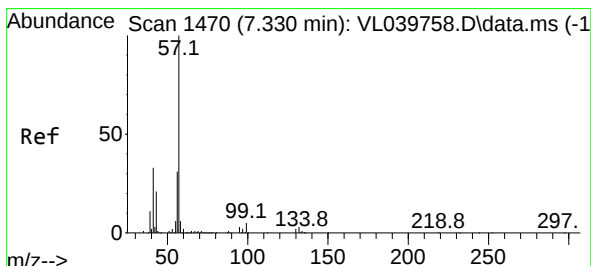
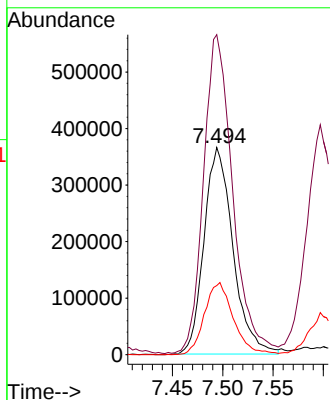
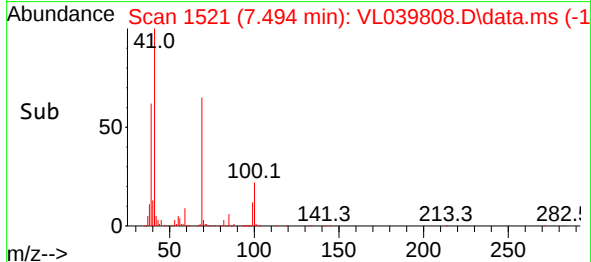
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 73240
Ion Ratio Lower Upper
69 100
41 156.3 121.8 182.6
100 34.9 27.3 40.9

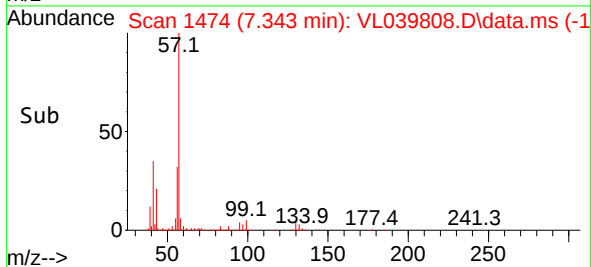
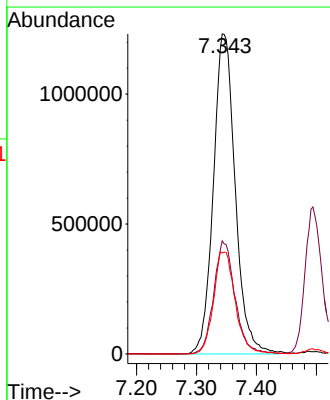
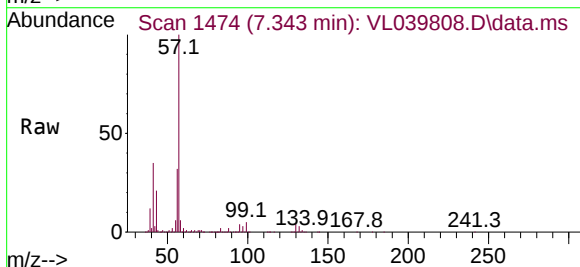
Manual Integrations
APPROVED

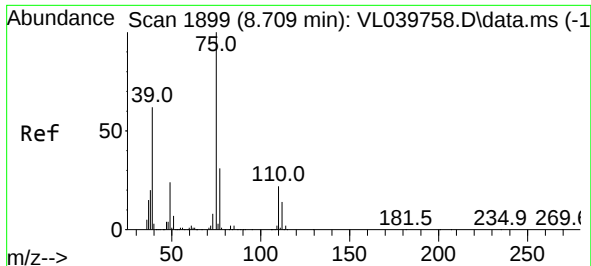
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
2,2,4-Trimethylpentane
Concen: 10.795 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.013 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion: 57 Resp: 3110520
Ion Ratio Lower Upper
57 100
41 34.4 26.6 40.0
56 31.7 25.4 38.0





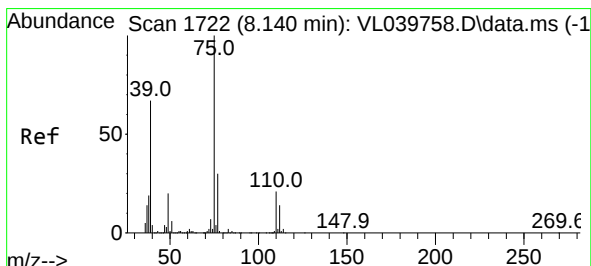
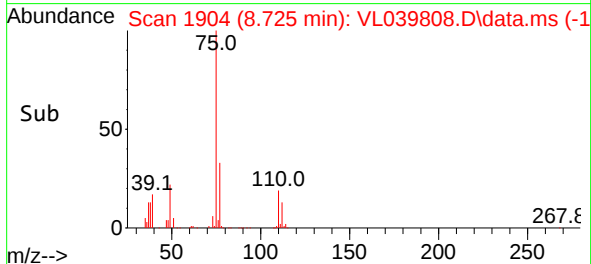
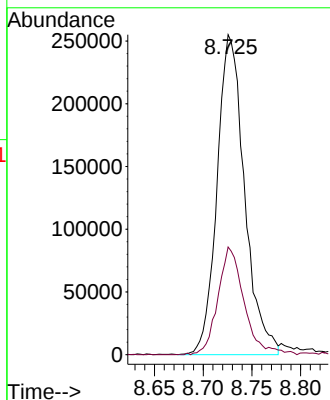
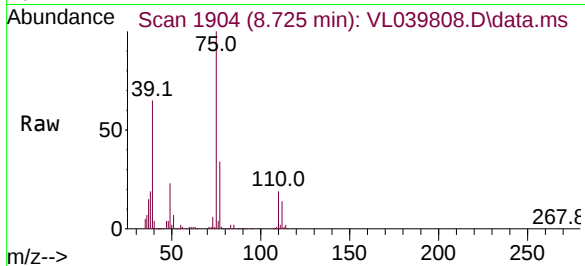
#45
t-1,3-Dichloropropene
Concen: 9.808 ppbv
RT: 8.725 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 500080
Ion Ratio Lower Upper
75 100
77 33.7 25.1 37.7

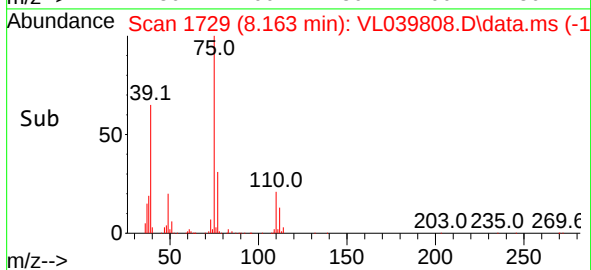
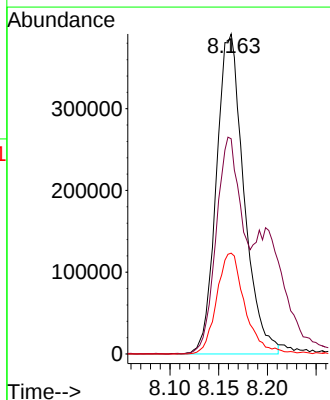
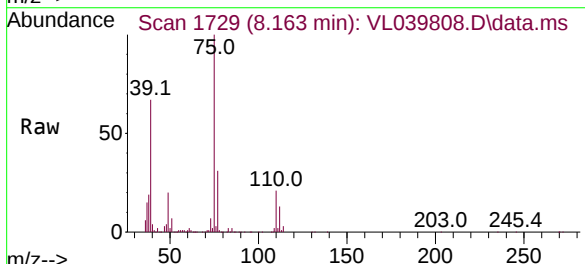
Manual Integrations
APPROVED

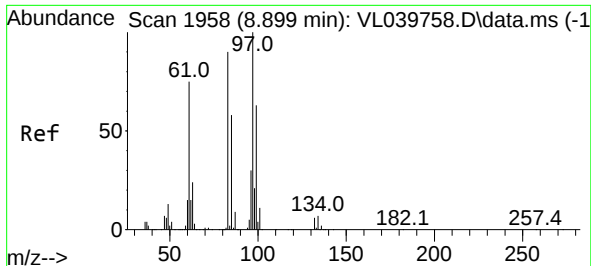
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
cis-1,3-Dichloropropene
Concen: 10.499 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion: 75 Resp: 768226
Ion Ratio Lower Upper
75 100
39 67.0 53.9 80.9
77 31.5 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 10.719 ppbv

RT: 8.915 min Scan# 1958

Delta R.T. 0.016 min

Lab File: VL039808.D

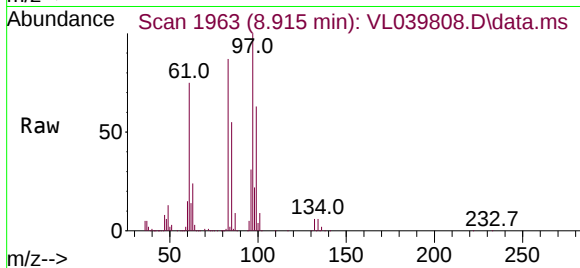
Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 76197

Ion Ratio Lower Upper

97 100

83 87.4 71.6 107.4

85 55.4 46.2 69.4

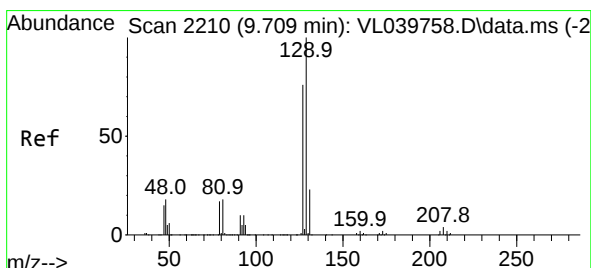
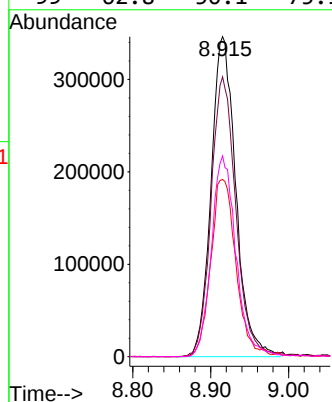
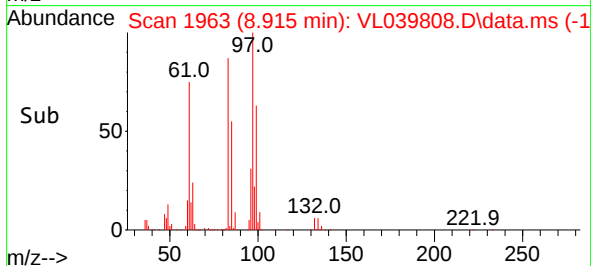
99 62.8 50.1 75.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Dibromochloromethane

Concen: 10.979 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.016 min

Lab File: VL039808.D

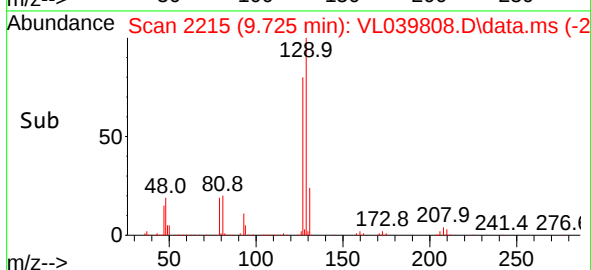
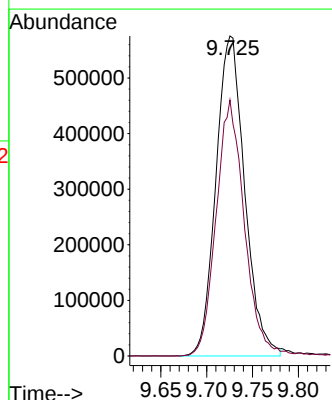
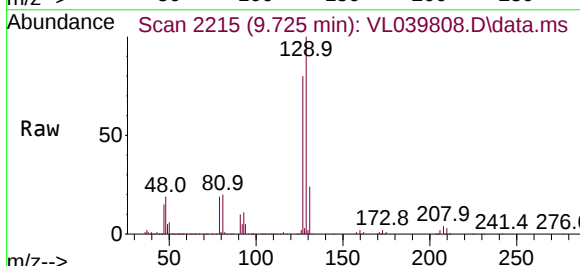
Acq: 26 Oct 2022 10:18

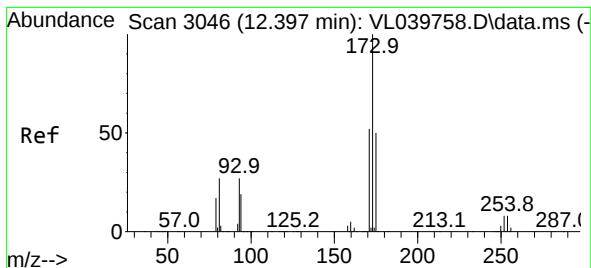
Tgt Ion:129 Resp: 1256458

Ion Ratio Lower Upper

129 100

127 78.8 39.5 118.5





#49

Bromoform

Concen: 11.290 ppbv

RT: 12.420 min Scan# 3046

Delta R.T. 0.023 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1052409

Ion Ratio Lower Upper

173 100

175 48.8 41.2 61.8

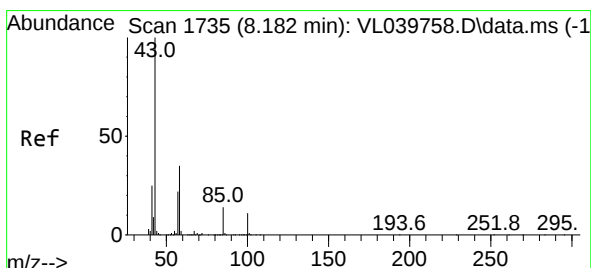
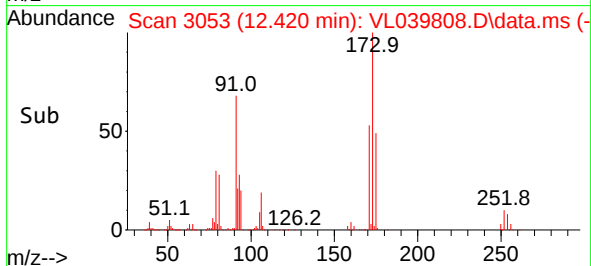
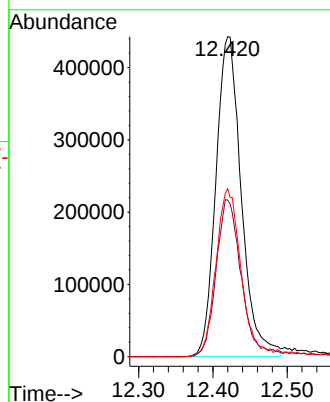
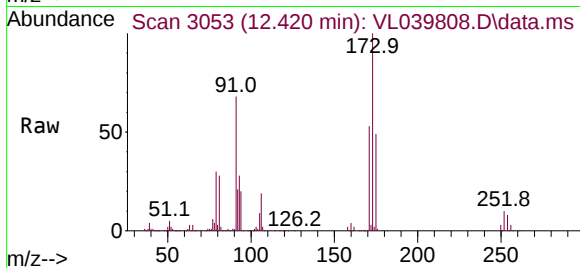
171 54.2 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

4-Methyl-2-Pentanone

Concen: 11.849 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.016 min

Lab File: VL039808.D

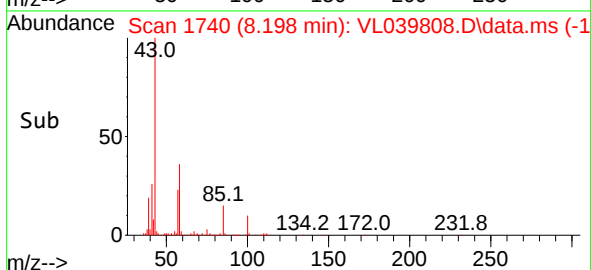
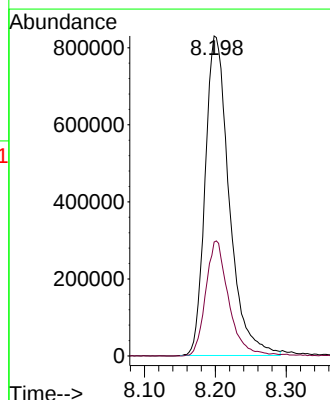
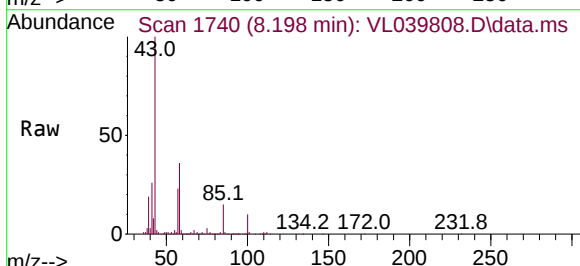
Acq: 26 Oct 2022 10:18

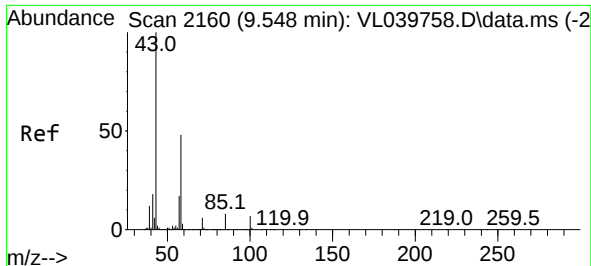
Tgt Ion: 43 Resp: 1957319

Ion Ratio Lower Upper

43 100

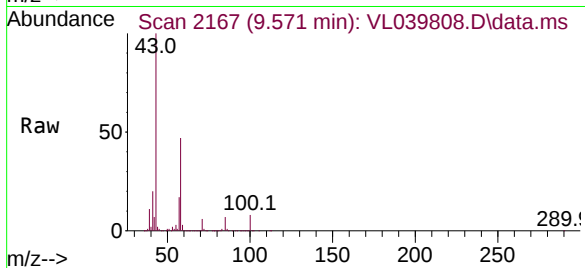
58 34.9 28.2 42.4





#51
2-Hexanone
Concen: 12.155 ppbv
RT: 9.571 min Scan# 2160
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

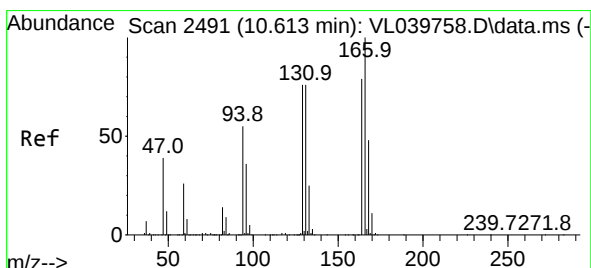
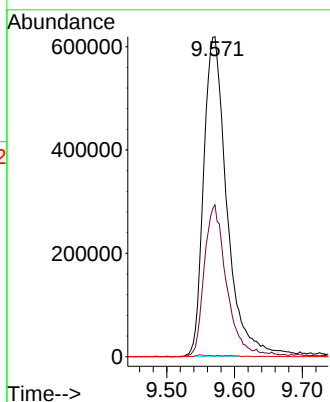
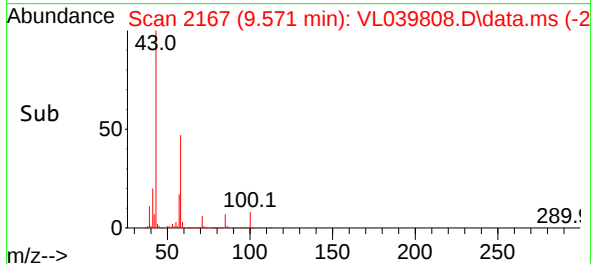
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



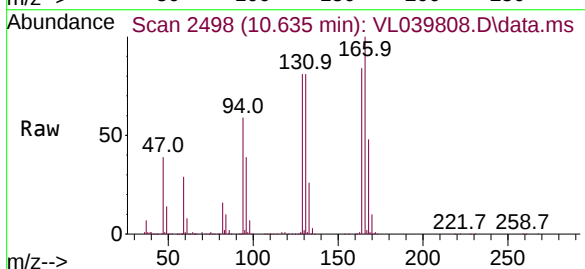
Tgt Ion: 43 Resp: 1469970
Ion Ratio Lower Upper
43 100
58 46.2 38.1 57.1
98 0.4 0.2 0.2

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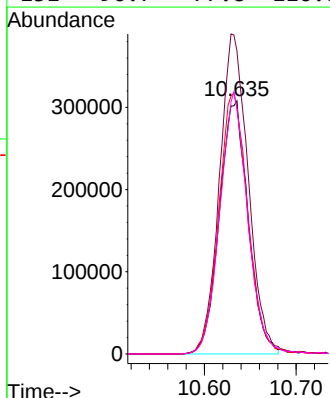
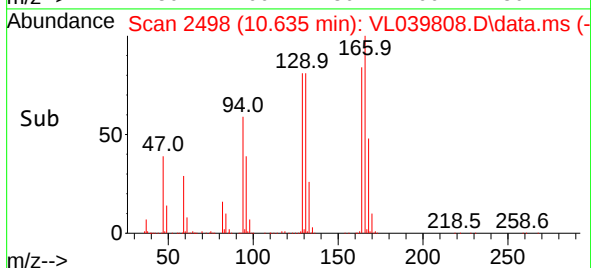
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

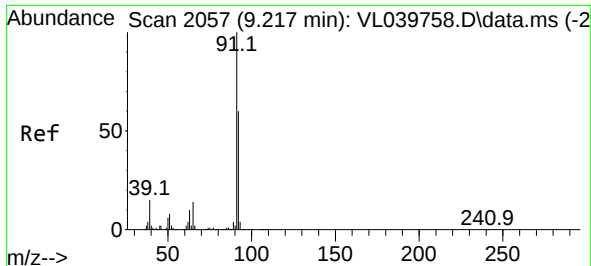


#52
Tetrachloroethene
Concen: 10.386 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



Tgt Ion:164 Resp: 670500
Ion Ratio Lower Upper
164 100
166 119.7 101.8 152.6
129 97.4 77.5 116.3
131 96.7 77.8 116.8





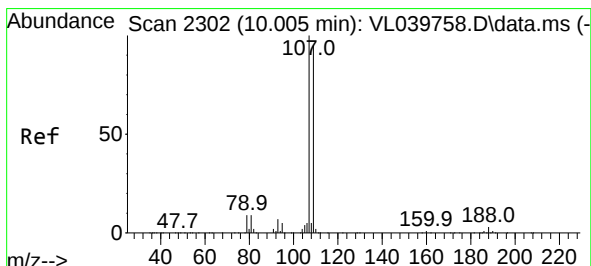
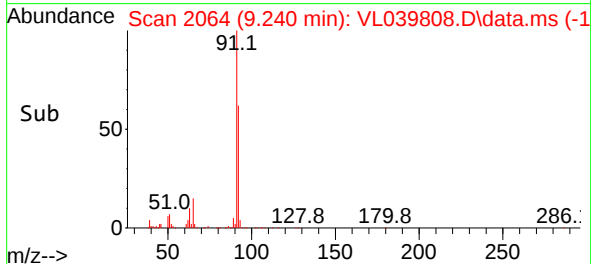
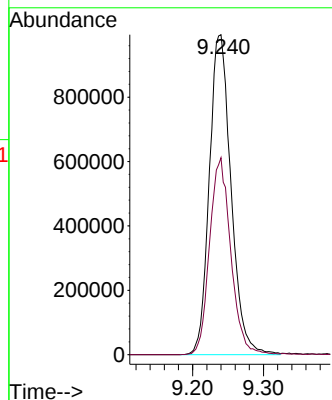
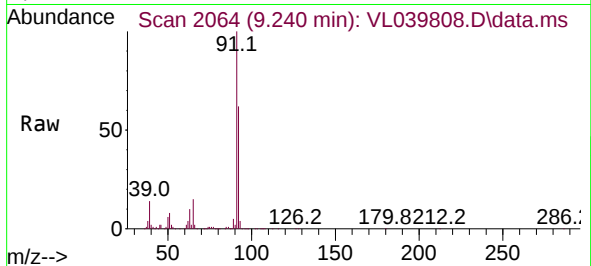
#53
Toluene
Concen: 11.711 ppbv
RT: 9.240 min Scan# 2057
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2114620
Ion Ratio Lower Upper
91 100
92 60.4 48.0 72.0

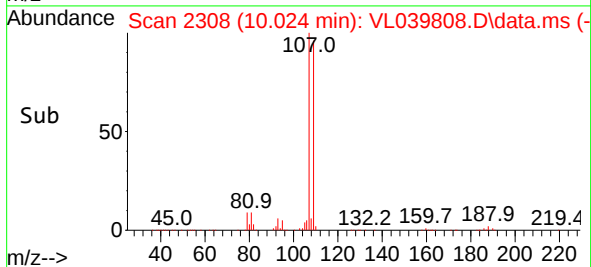
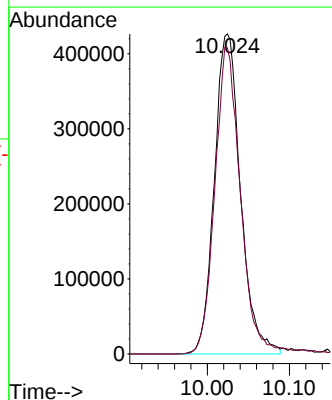
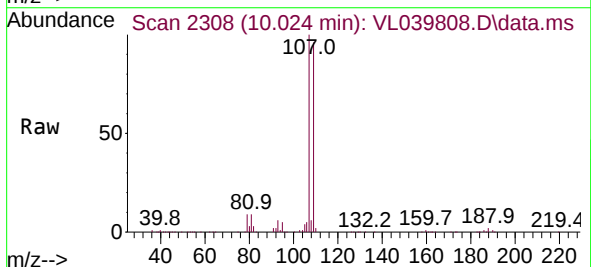
Manual Integrations
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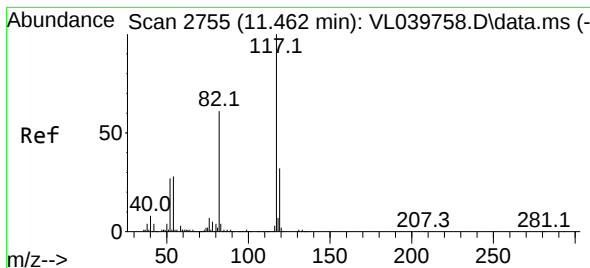
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 13.099 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

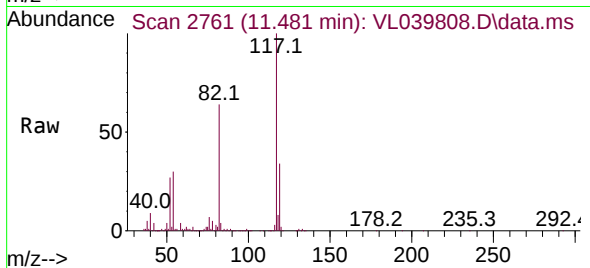
Tgt Ion:107 Resp: 945347
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2135398
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

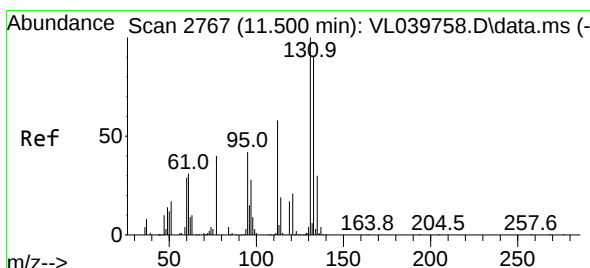
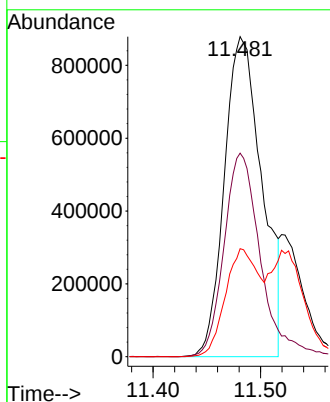
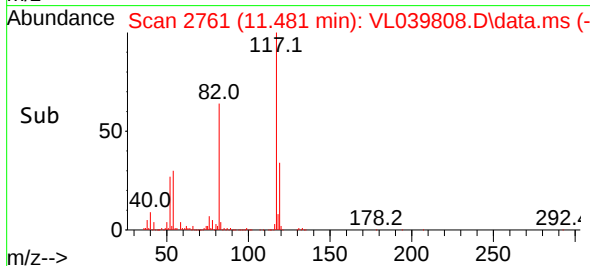
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



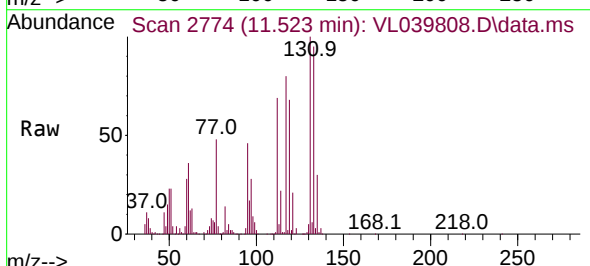
Tgt Ion:117 Resp: 2135398
Ion Ratio Lower Upper
117 100
82 62.4 49.9 74.9
119 28.6 25.2 37.8

Manual Integrations
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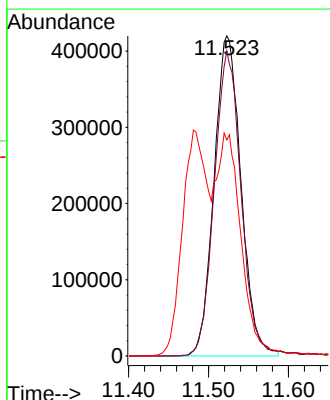
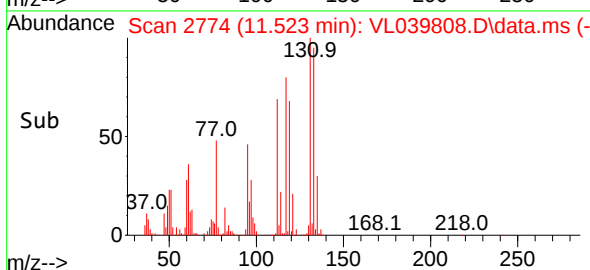
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

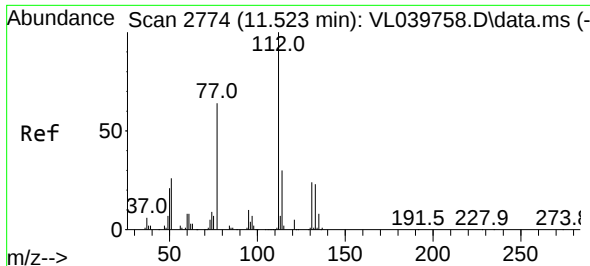


#56
1,1,1,2-Tetrachloroethane
Concen: 10.863 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



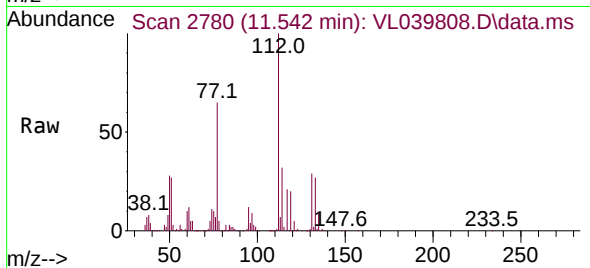
Tgt Ion:131 Resp: 981559
Ion Ratio Lower Upper
131 100
133 95.5 77.1 115.7
119 69.4 52.0 78.0





#57
Chlorobenzene
Concen: 9.780 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

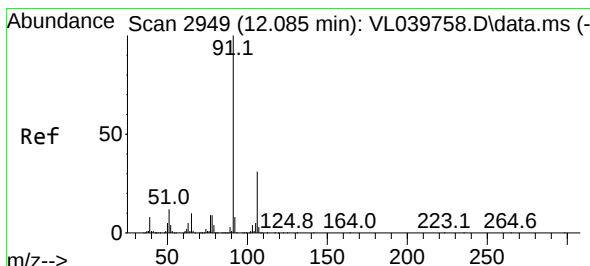
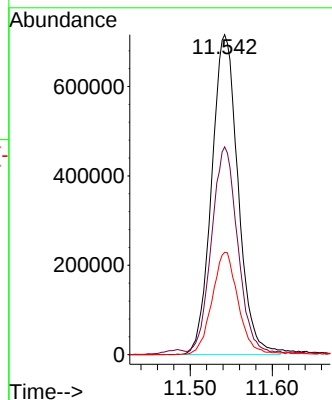
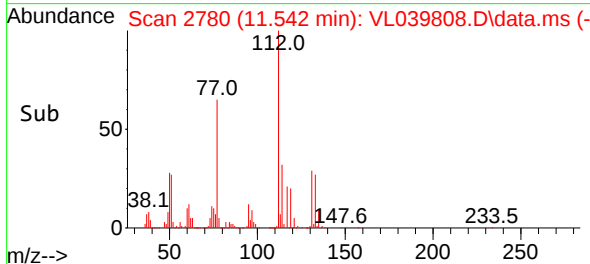
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 160204
Ion Ratio Lower Upper
112 100
77 63.9 51.5 77.3
114 31.9 27.1 33.1

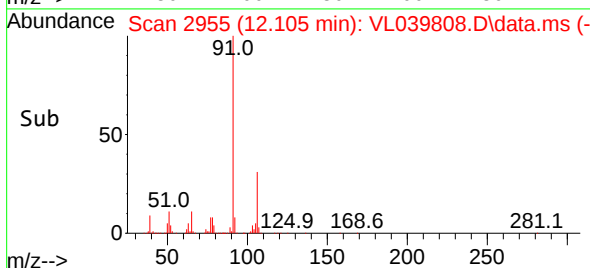
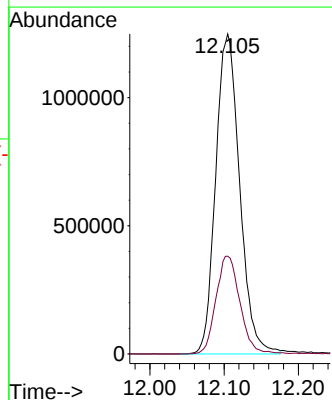
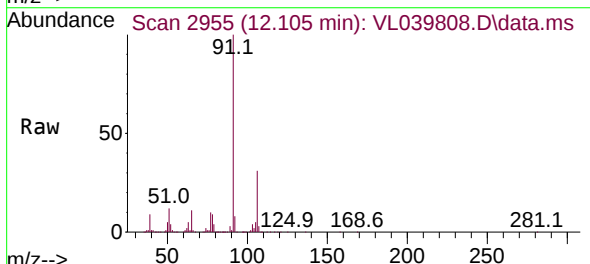
Manual Integrations
APPROVED

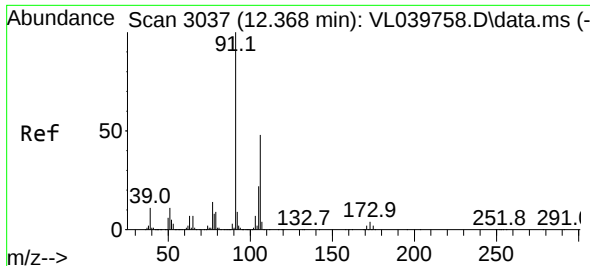
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 11.495 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

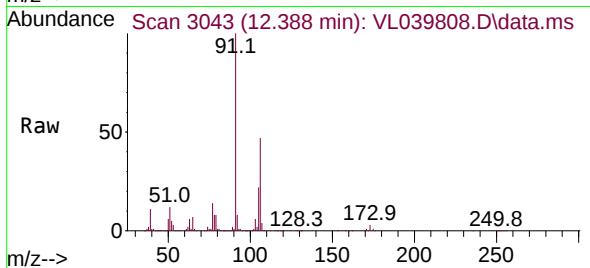
Tgt Ion: 91 Resp: 2796454
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8





#59
m/p-Xylene
Concen: 21.578 ppbv m
RT: 12.388 min Scan# 3037
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

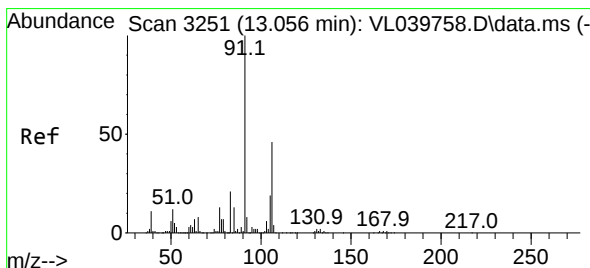
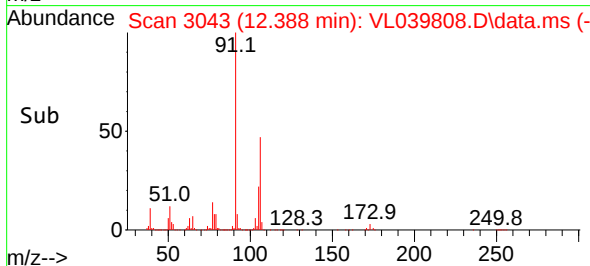
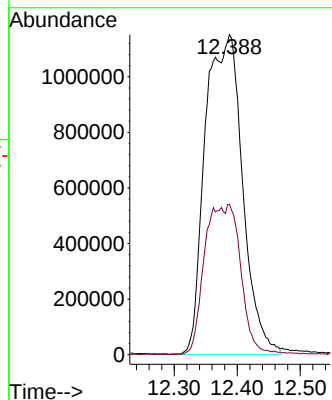
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 473778
Ion Ratio Lower Upper
91 100
106 45.5 36.4 54.6

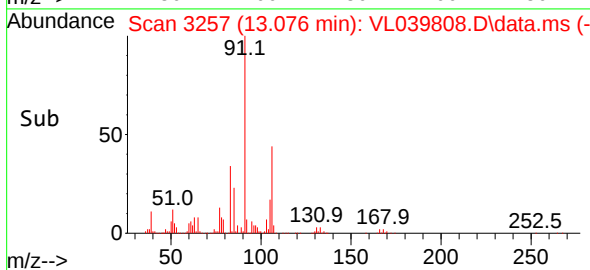
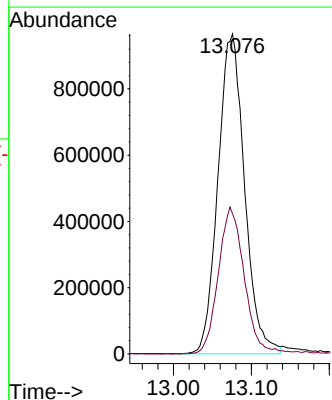
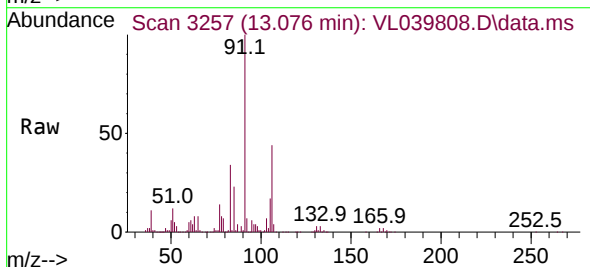
Manual Integrations
APPROVED

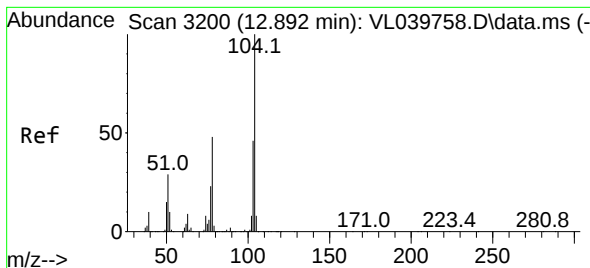
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 11.122 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion: 91 Resp: 2289732
Ion Ratio Lower Upper
91 100
106 45.8 22.9 68.8





#61

Styrene

Concen: 11.743 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.019 min

Lab File: VL039808.D

Acq: 26 Oct 2022 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1269770

Ion Ratio Lower Upper

104 100

78 49.9 39.9 59.9

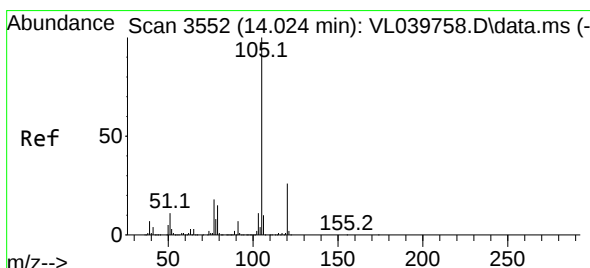
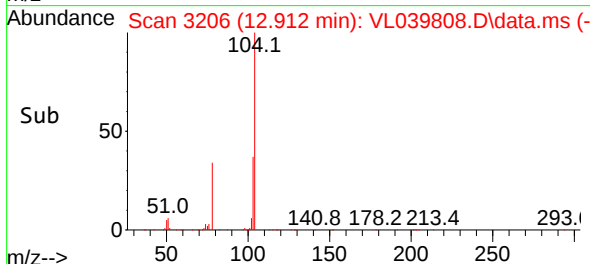
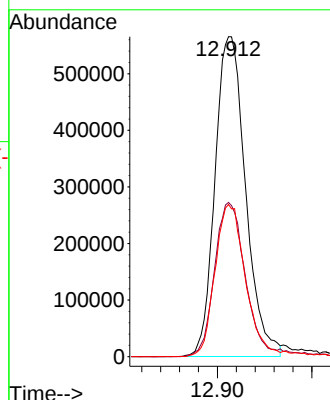
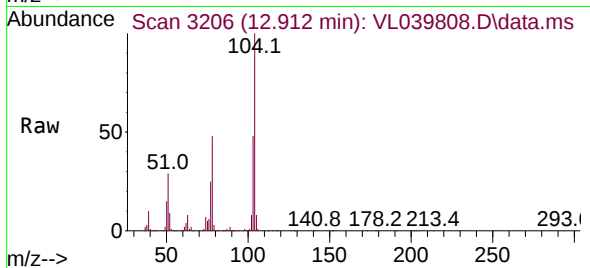
103 48.5 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#62

Isopropylbenzene

Concen: 11.172 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.023 min

Lab File: VL039808.D

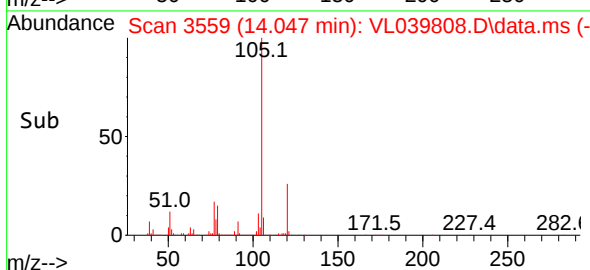
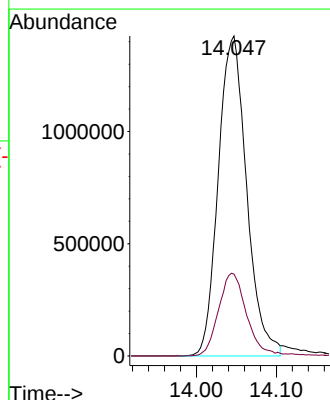
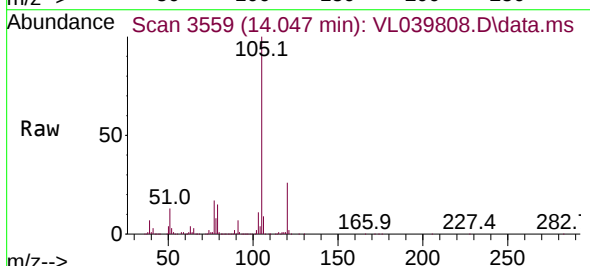
Acq: 26 Oct 2022 10:18

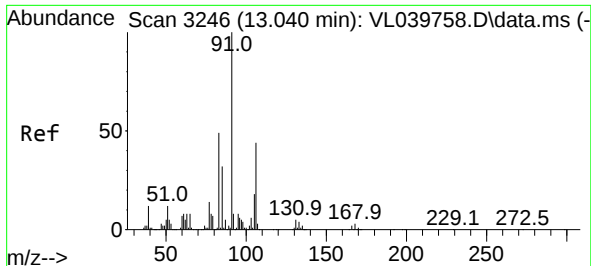
Tgt Ion:105 Resp: 3513824

Ion Ratio Lower Upper

105 100

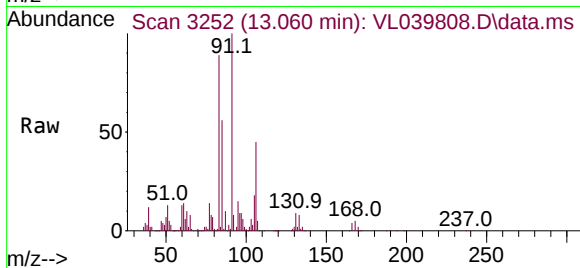
120 26.1 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 14.961 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

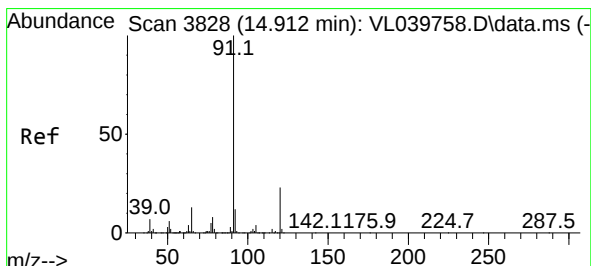
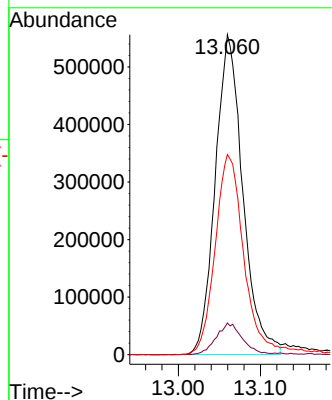
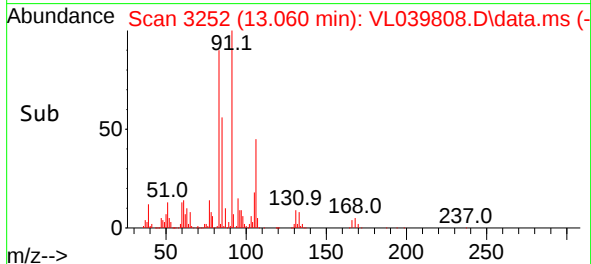
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



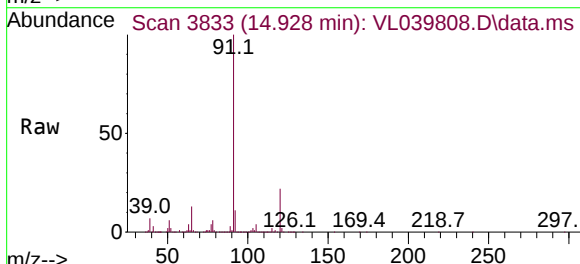
Tgt Ion: 83 Resp: 129548
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 67.5 33.6 100.6

Manual Integrations
APPROVED

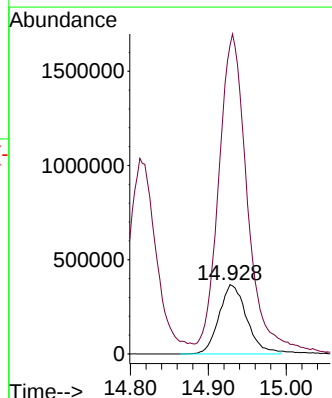
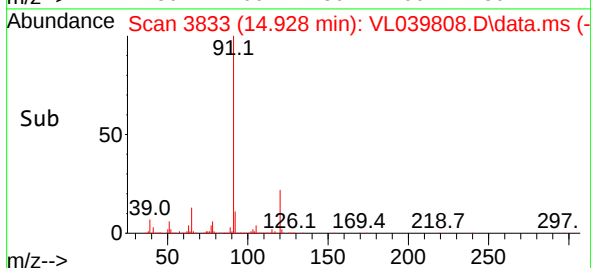
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

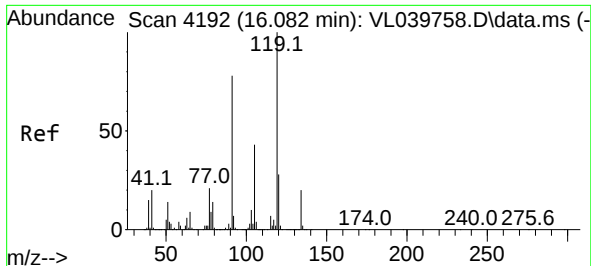


#64
n-propylbenzene
Concen: 11.380 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



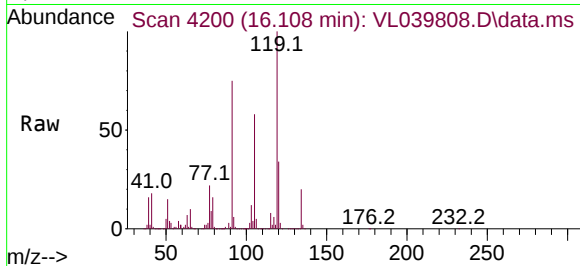
Tgt Ion:120 Resp: 906379
Ion Ratio Lower Upper
120 100
91 484.6 386.6 579.8





#65
tert-Butylbenzene
Concen: 11.532 ppbv
RT: 16.108 min Scan# 4192
Delta R.T. 0.026 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

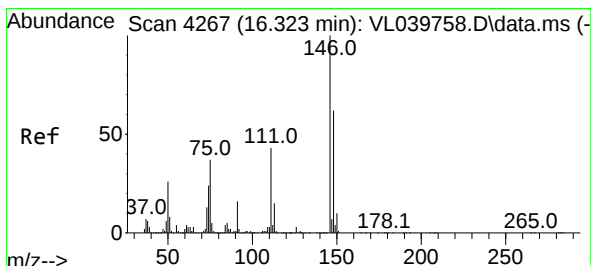
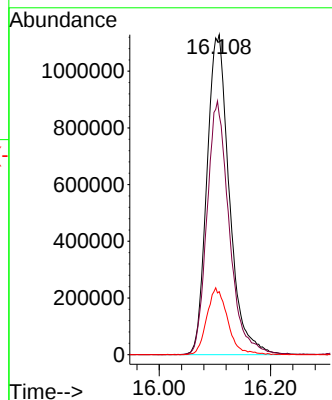
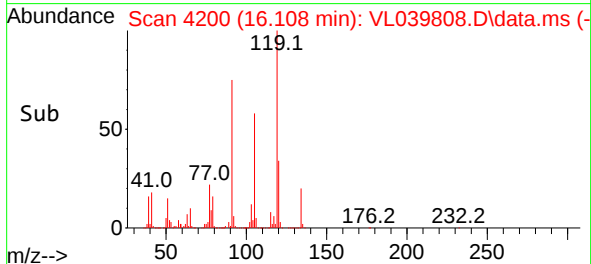
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 316072
Ion Ratio Lower Upper
119 100
91 78.5 63.3 94.9
134 19.5 15.5 23.3

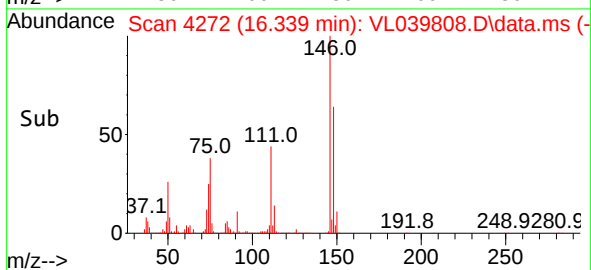
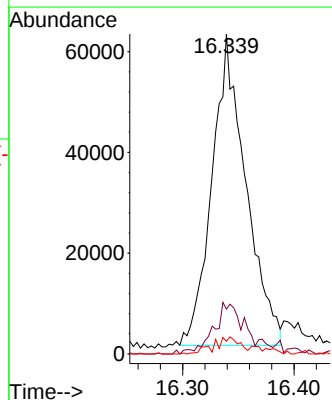
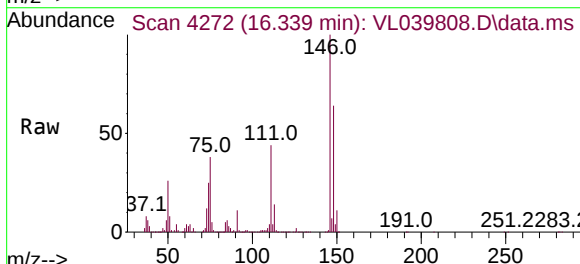
Manual Integrations
APPROVED

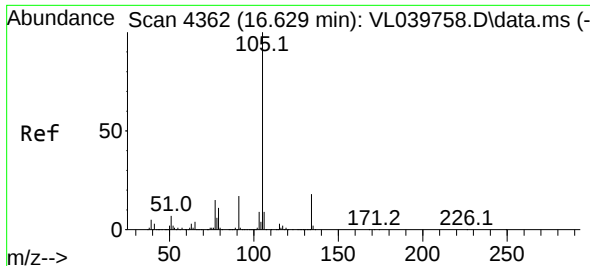
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
Benzyl Chloride
Concen: 6.698 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

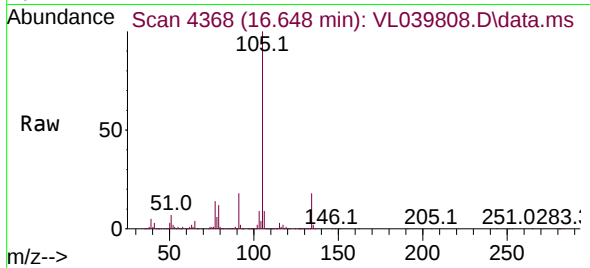
Tgt Ion: 91 Resp: 130225
Ion Ratio Lower Upper
91 100
126 17.5 13.8 20.6
128 5.6 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 11.406 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

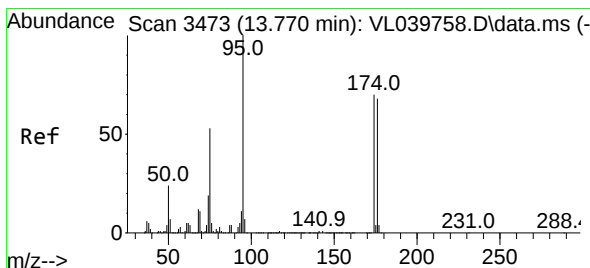
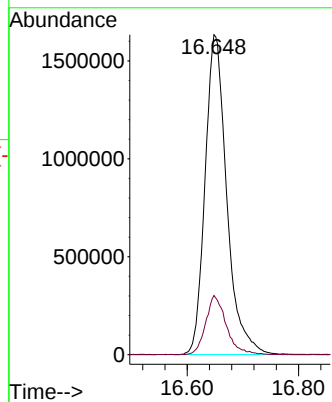
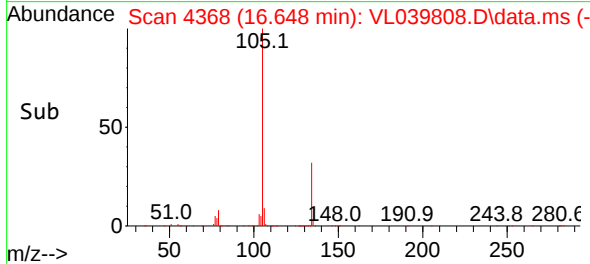
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



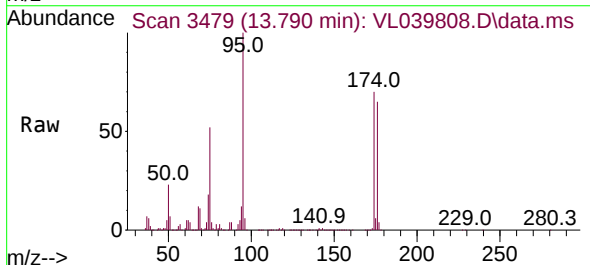
Tgt Ion:105 Resp: 4403479
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

Manual Integrations
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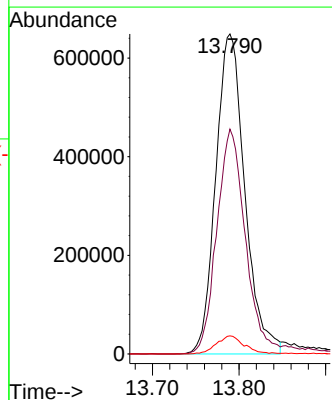
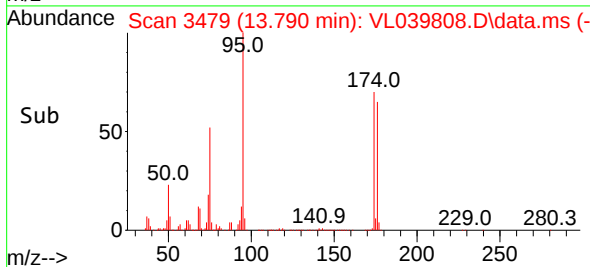
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

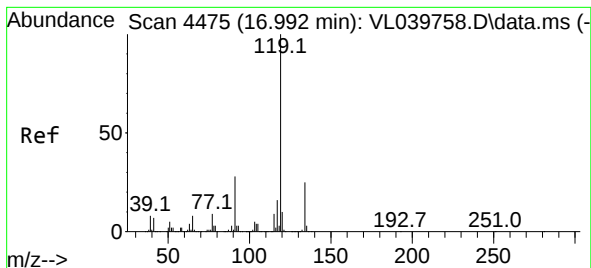


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.968 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.019 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18



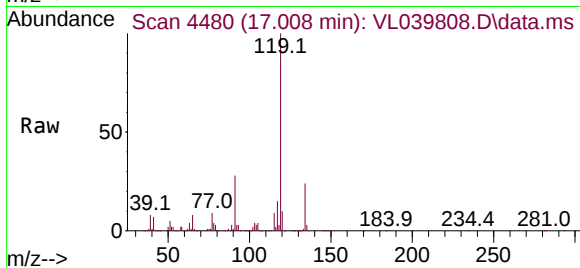
Tgt Ion: 95 Resp: 1514134
 Ion Ratio Lower Upper
 95 100
 174 72.1 57.3 85.9
 175 5.6 4.2 6.2





#69
p-Isopropyltoluene
Concen: 11.606 ppbv
RT: 17.008 min Scan# 4475
Delta R.T. 0.016 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

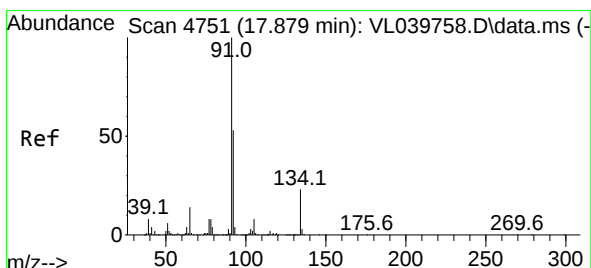
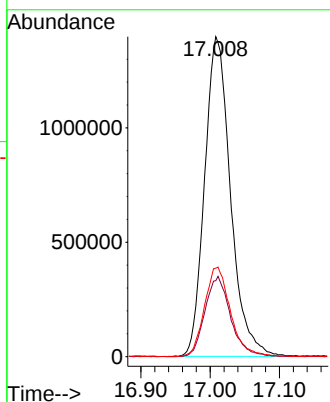
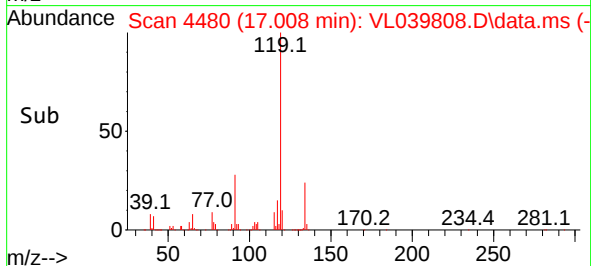
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 3624640
Ion Ratio Lower Upper
119 100
134 24.9 19.8 29.6
91 28.0 22.2 33.2

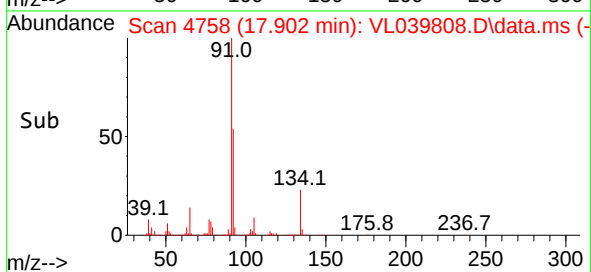
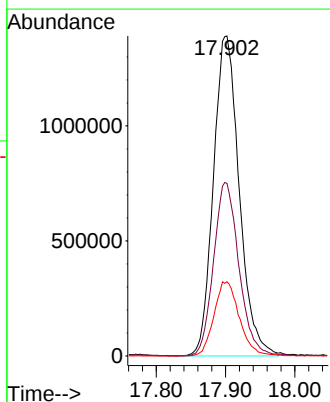
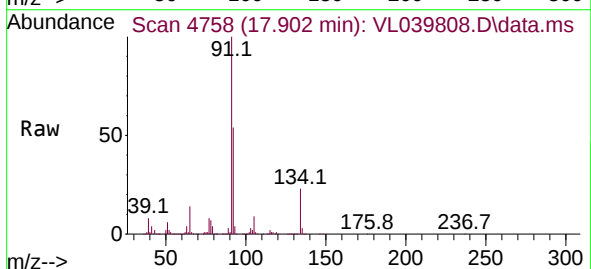
Manual Integrations
APPROVED

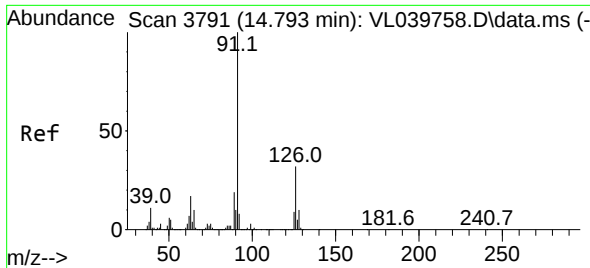
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
n-Butylbenzene
Concen: 12.043 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion: 91 Resp: 3596452
Ion Ratio Lower Upper
91 100
92 53.3 43.0 64.6
134 23.0 18.5 27.7





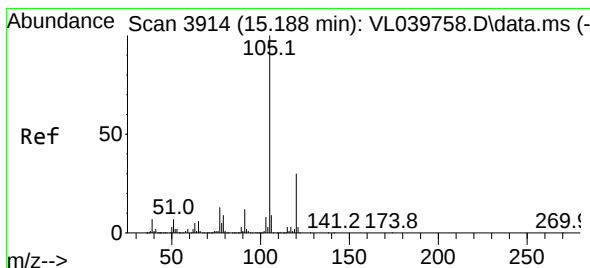
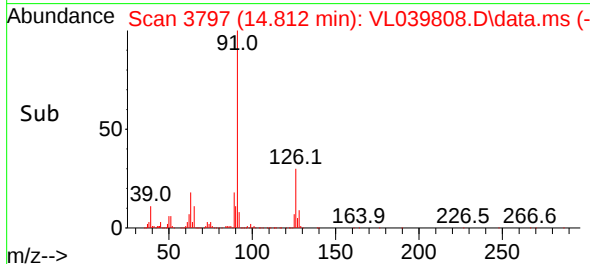
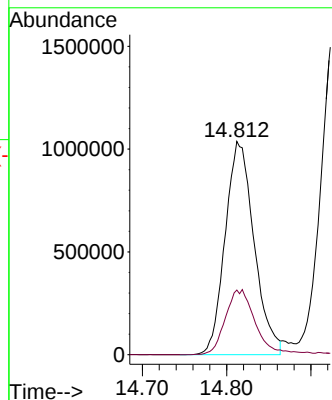
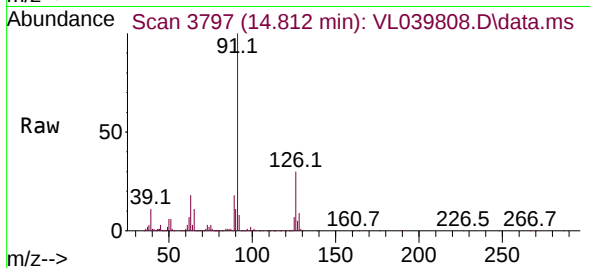
#71
2-Chlorotoluene
Concen: 11.340 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 247727
Ion Ratio Lower Upper
91 100
126 32.6 13.0 52.0

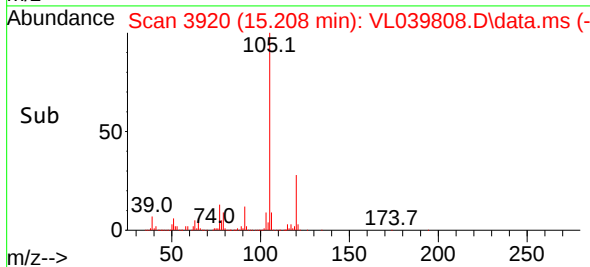
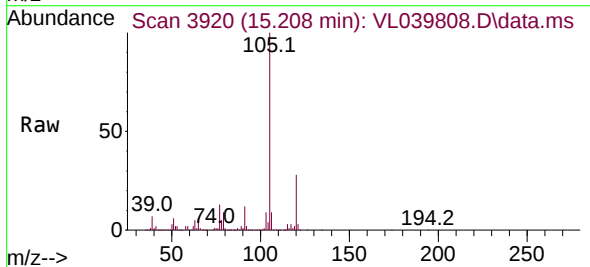
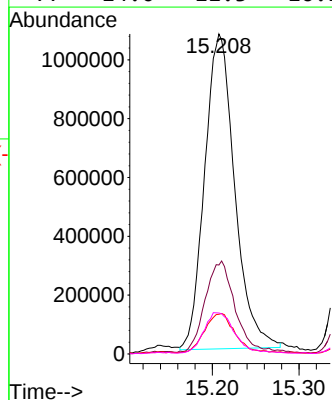
Manual Integrations
APPROVED

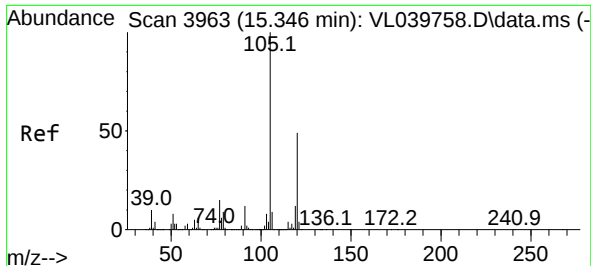
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
4-Ethyltoluene
Concen: 10.889 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Tgt Ion:105 Resp: 2582399
Ion Ratio Lower Upper
105 100
120 31.3 25.0 37.6
91 13.1 10.2 15.2
77 14.0 11.3 16.9





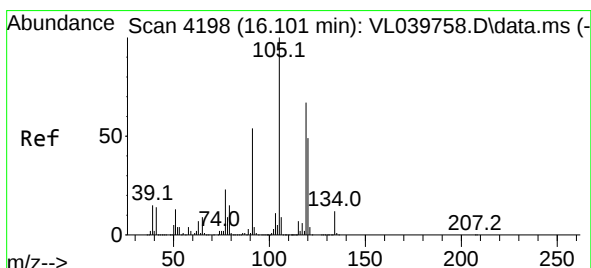
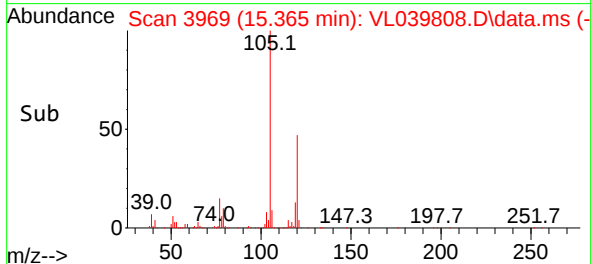
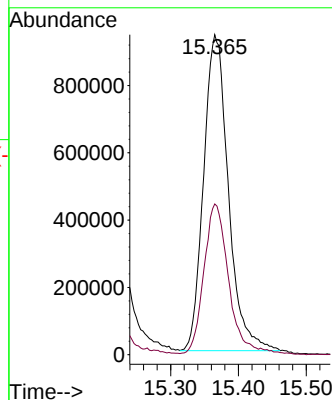
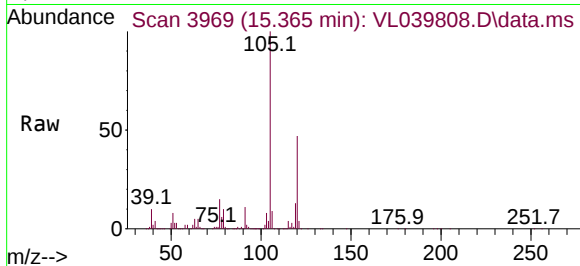
#73
1,3,5-Trimethylbenzene
Concen: 11.218 ppbv
RT: 15.365 min Scan# 3963
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2381049
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.6

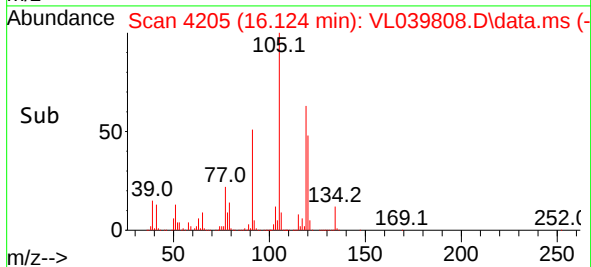
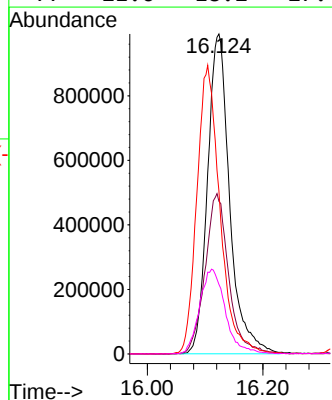
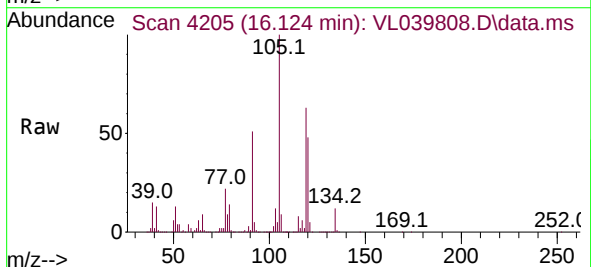
Manual Integrations
APPROVED

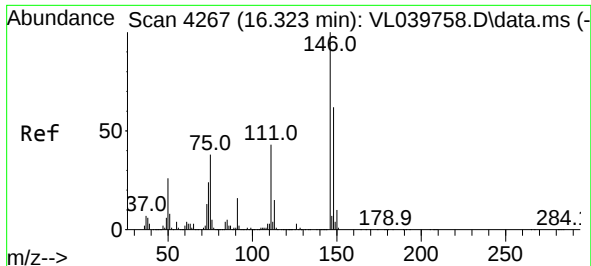
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
1,2,4-Trimethylbenzene
Concen: 10.978 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

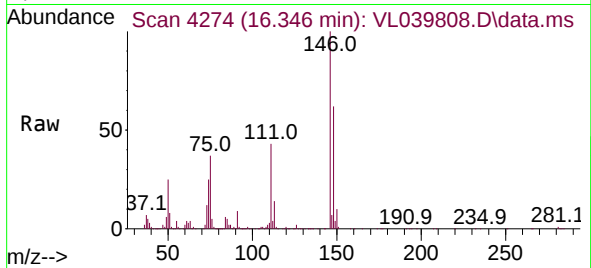
Tgt Ion:105 Resp: 2638709
Ion Ratio Lower Upper
105 100
120 47.5 39.6 59.4
91 50.6 42.9 64.3
77 21.6 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.185 ppbv
RT: 16.346 min Scan# 4318
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

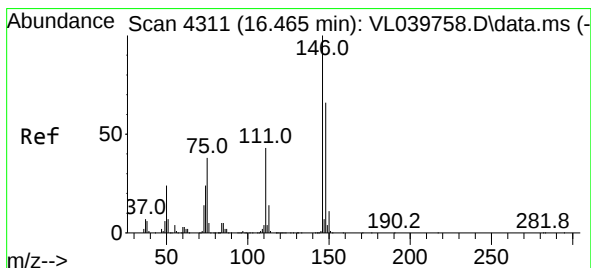
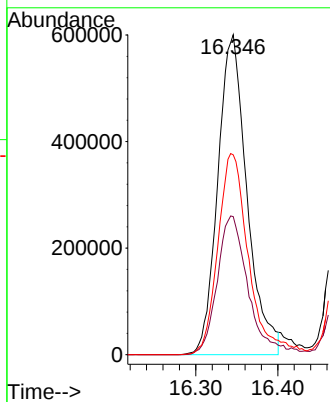
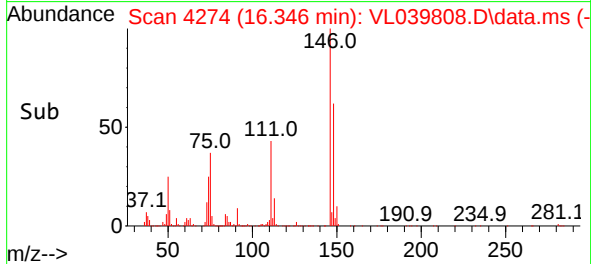
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 148582
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.3
148 66.4 32.4 97.0

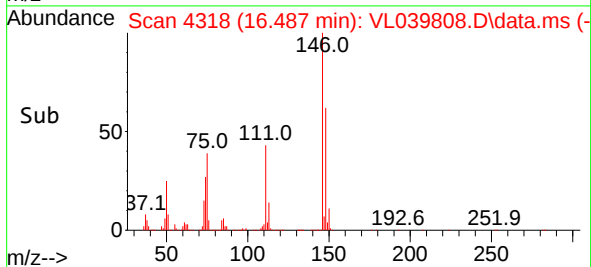
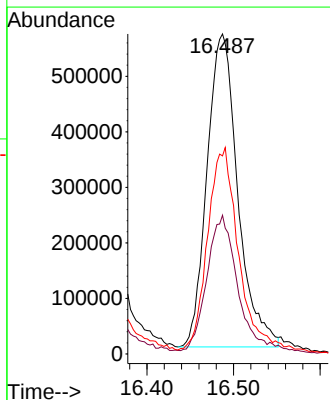
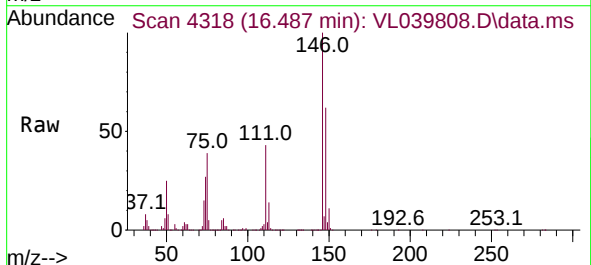
Manual Integrations
APPROVED

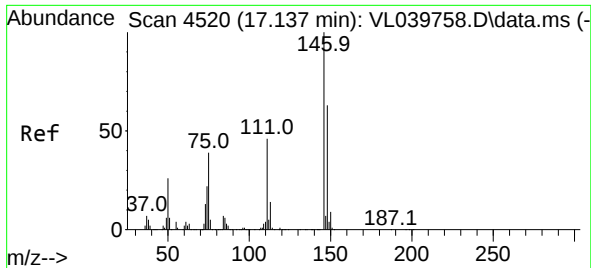
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,4-Dichlorobenzene
Concen: 9.992 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

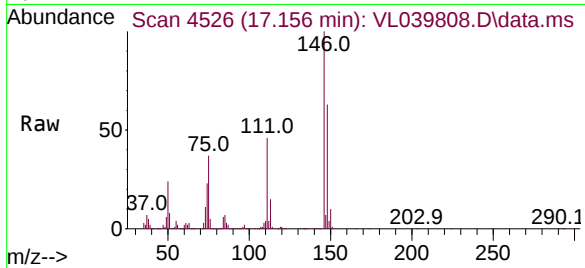
Tgt Ion:146 Resp: 1390214
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 68.4 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 10.592 ppbv
RT: 17.156 min Scan# 4520
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

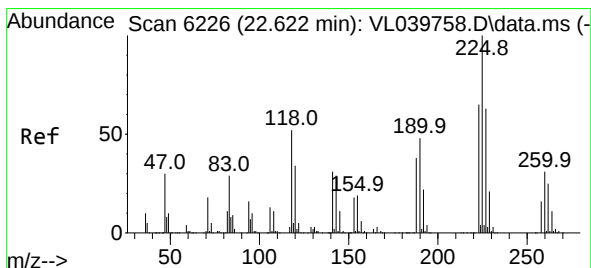
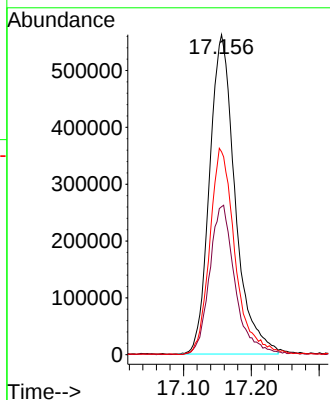
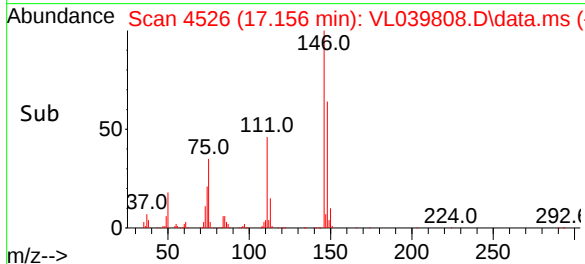
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 147350
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.4
148 64.1 32.3 96.9

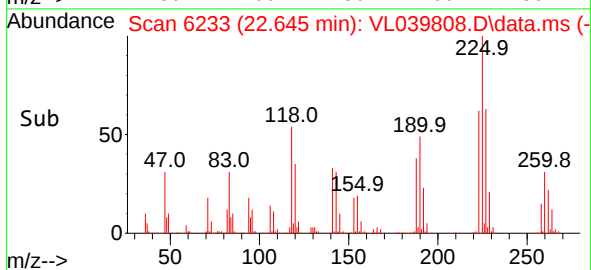
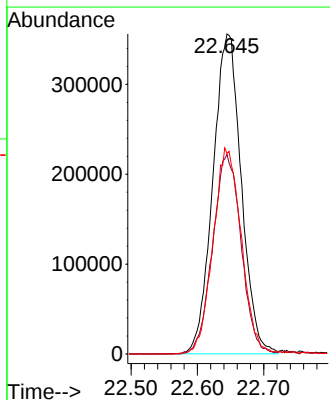
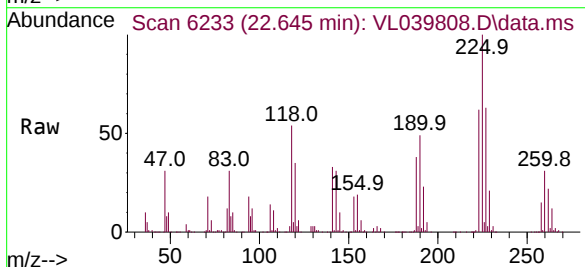
Manual Integrations
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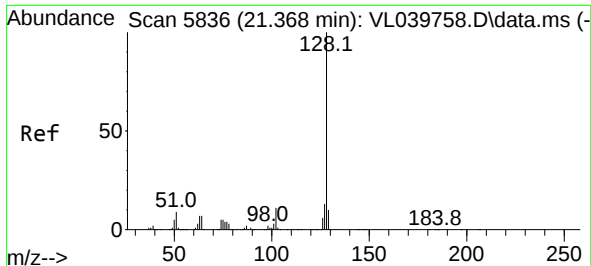
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.959 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. 0.023 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

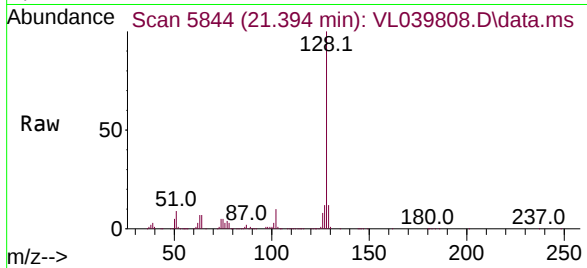
Tgt Ion:225 Resp: 1055784
Ion Ratio Lower Upper
225 100
223 62.8 50.8 76.2
227 64.7 51.0 76.4





#79
Naphthalene
Concen: 12.880 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.026 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18

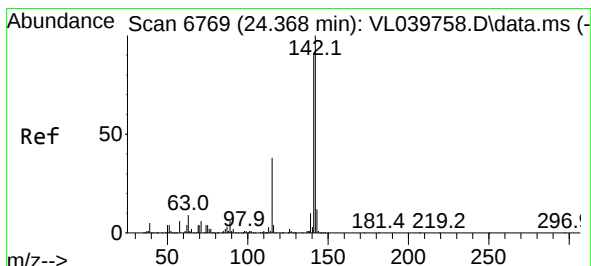
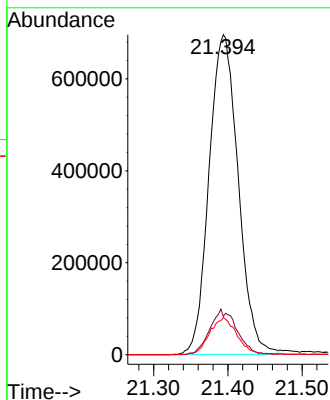
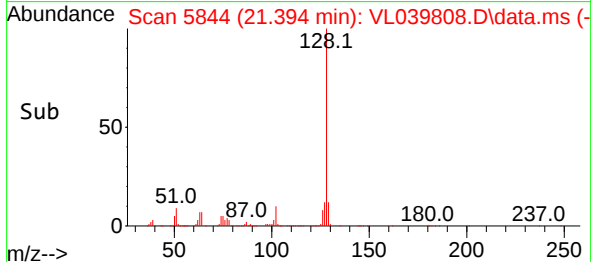
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



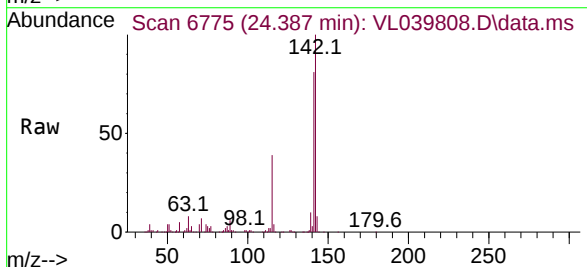
Tgt Ion:128 Resp: 189319
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 11.6 8.4 12.6

Manual Integrations
APPROVED

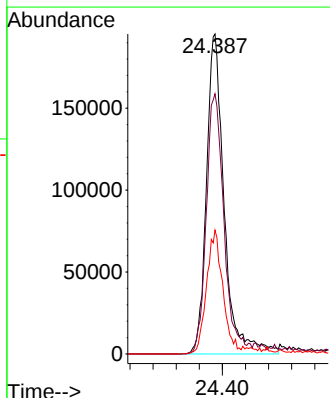
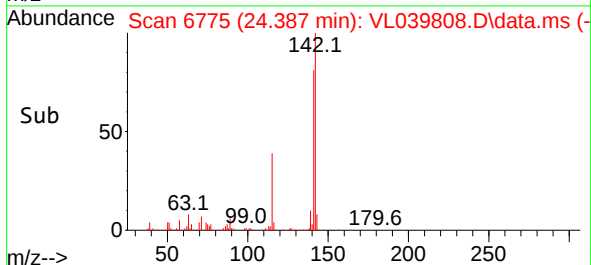
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

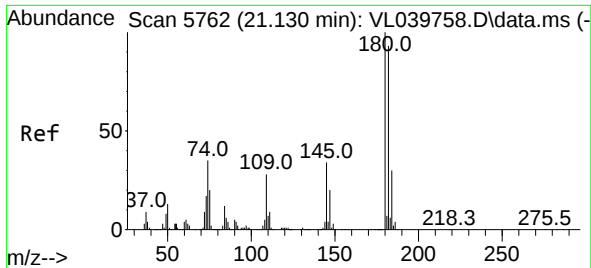


#80
Naphthalene,2-methyl-
Concen: 8.338 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.019 min
Lab File: VL039808.D
Acq: 26 Oct 2022 10:18



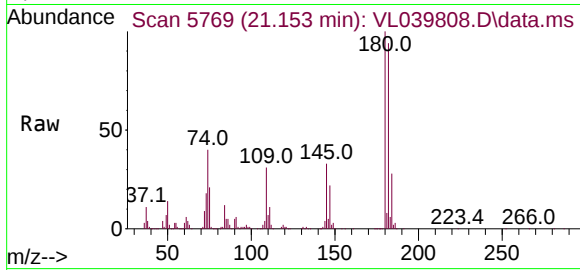
Tgt Ion:142 Resp: 416152
Ion Ratio Lower Upper
142 100
141 84.1 65.7 98.5
115 37.3 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 11.101 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.023 min
 Lab File: VL039808.D
 Acq: 26 Oct 2022 10:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1078429
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.5 116.3
 184 30.4 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

