

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039785.D
 Acq On : 25 Oct 2022 9:40
 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 25 15:03:45 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	5.202	49	991049	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2582090	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2418231	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1725780 10.032 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1044488	10.066	ppbv	100
3) Chlorodifluoromethane	2.694	51	1151778	9.675	ppbv	99
4) Chloromethane	2.832	50	627721	8.423	ppbv	99
5) Vinyl Chloride	2.941	62	573610	9.280	ppbv	99
6) Bromomethane	3.137	94	233512	10.515	ppbv	96
7) Chloroethane	3.218	64	205800	9.271	ppbv	93
8) Dichlorotetrafluoroethane	2.877	85	1364300	10.071	ppbv	98
9) Propene	2.713	41	536857	10.496	ppbv	95
10) Heptane	7.581	43	1301332	10.627	ppbv	99
11) Trichlorofluoromethane	3.581	101	1354214	9.340	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.079	101	1031879	9.178	ppbv	98
13) Ethanol	3.263	45	27567	7.504	ppbv	98
14) Bromoethene	3.385	108	406962	9.121	ppbv	100
15) Acetone	3.485	43	1029678	8.699	ppbv	100
16) 1,3-Butadiene	3.005	39	577664	9.873	ppbv	96
17) tert-Butyl alcohol	3.893	59	952782	9.869	ppbv	96
18) 1,1-Dichloroethene	3.896	96	454908	9.194	ppbv	98
19) Isopropyl Alcohol	3.591	45	528857	9.536	ppbv	99
20) Methylene Chloride	3.948	84	373781	8.300	ppbv	95
21) Allyl Chloride	4.012	41	699382	9.129	ppbv	99
22) trans-1,2-Dichloroethene	4.459	96	445173	8.662	ppbv	94
23) Vinyl Acetate	4.639	43	247049	5.414	ppbv	97
24) 1,1-Dichloroethane	4.575	63	998310	9.394	ppbv	98
25) Ethyl Acetate	5.214	43	2596709	11.221	ppbv	99
26) Hexane	5.224	57	953721	9.911	ppbv	88
27) Carbon Disulfide	4.137	76	1057722	9.259	ppbv	98
28) Methyl tert-Butyl Ether	4.597	73	817769	9.768	ppbv	98
29) Chloroform	5.282	83	1399907	9.254	ppbv	97
30) Cyclohexane	6.607	84	780577	9.899	ppbv	96
31) cis-1,2-Dichloroethene	5.089	61	897323	9.661	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	1358736	9.896	ppbv	99
34) 2-Butanone	4.796	43	1163155	9.575	ppbv	99
35) Carbon Tetrachloride	6.497	117	1407952	9.564	ppbv	99
36) Benzene	6.375	78	1984920	9.982	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1035479	9.588	ppbv	99
38) Trichloroethene	7.295	130	893614	7.960	ppbv	97
39) 1,2-Dichloropropane	7.079	63	759370	9.912	ppbv	99
40) 1,4-Dioxane	7.295	88	281146	10.767	ppbv #	100
41) Tetrahydrofuran	5.565	42	812273	10.762	ppbv	99
42) Bromodichloromethane	7.253	83	1490715	9.802	ppbv	100
43) Methyl Methacrylate	7.478	69	804324	11.615	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3397537	10.220	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	548989	9.332	ppbv	98

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

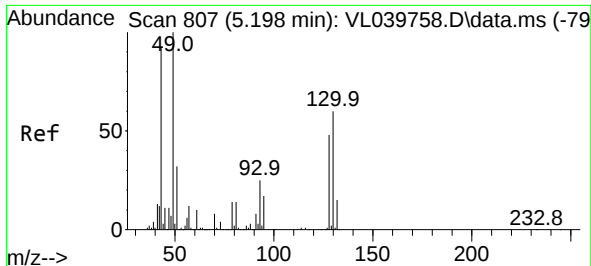
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

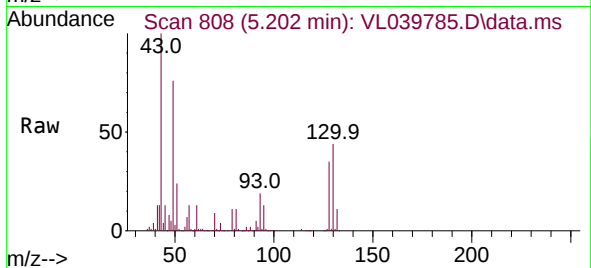
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	837606	9.921	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	811018	9.888	ppbv	99
48) Dibromochloromethane	9.706	129	1303899	9.875	ppbv	100
49) Bromoform	12.401	173	1085144	10.089	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2110252	11.072	ppbv	100
51) 2-Hexanone	9.552	43	1582218	11.340	ppbv #	99
52) Tetrachloroethene	10.613	164	720821	9.677	ppbv	96
53) Toluene	9.221	91	2283581	10.961	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1019141	12.239	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.504	131	1023361	10.001	ppbv	98
57) Chlorobenzene	11.523	112	1684674	9.082	ppbv	97
58) Ethyl Benzene	12.085	91	2993847	10.867	ppbv	98
59) m/p-Xylene	12.368	91	5013705m	20.164	ppbv	
60) o-Xylene	13.056	91	2433979	10.440	ppbv	99
61) Styrene	12.896	104	1384576	11.308	ppbv	99
62) Isopropylbenzene	14.024	105	3740375	10.501	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	1396579	14.242	ppbv	100
64) n-propylbenzene	14.912	120	956243	10.602	ppbv	99
65) tert-Butylbenzene	16.085	119	3311585	10.669	ppbv	100
66) Benzyl Chloride	16.323	91	137427	6.242	ppbv	99
67) sec-Butylbenzene	16.632	105	4689762	10.727	ppbv	100
69) p-Isopropyltoluene	16.992	119	3883863	10.982	ppbv	99
70) n-Butylbenzene	17.883	91	3835734	11.342	ppbv	100
71) 2-Chlorotoluene	14.796	91	2723350	11.008	ppbv	100
72) 4-Ethyltoluene	15.191	105	2894762	10.778	ppbv	97
73) 1,3,5-Trimethylbenzene	15.349	105	2597654	10.807	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	2777318	10.203	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1604531	9.712	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1517423	9.631	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	1566489	9.943	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1105717	9.210	ppbv	100
79) Naphthalene	21.371	128	1979994	11.895	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	431916	7.641	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1127678	10.251	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

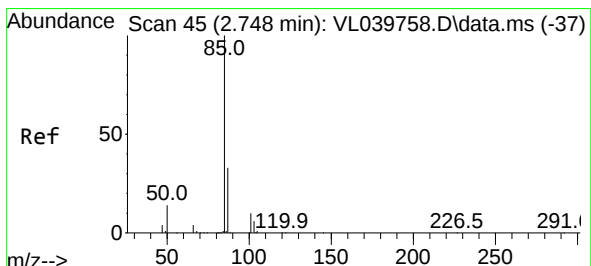
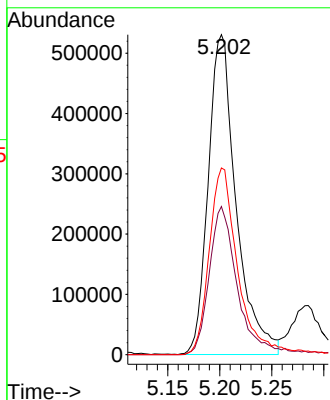
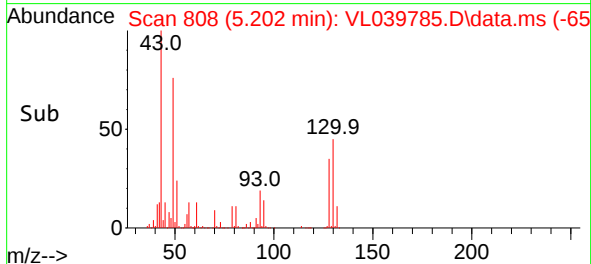
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



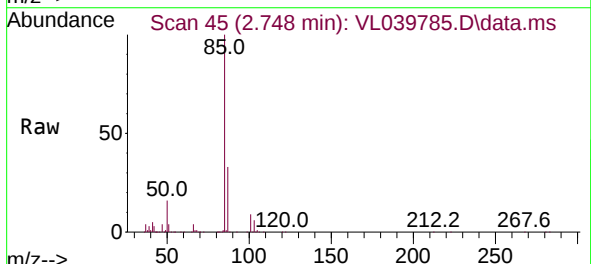
Tgt Ion: 49 Resp: 991049
Ion Ratio Lower Upper
49 100
128 47.9 24.6 74.0
130 61.3 31.8 95.3

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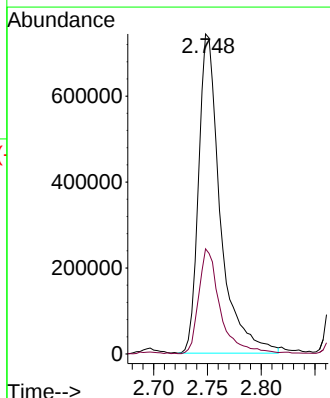
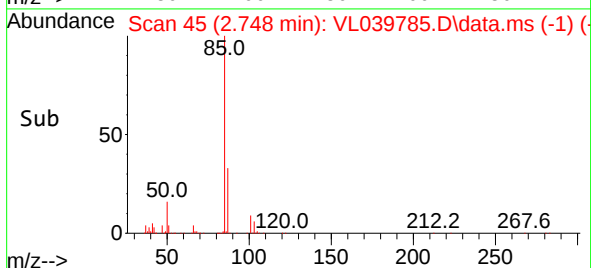
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

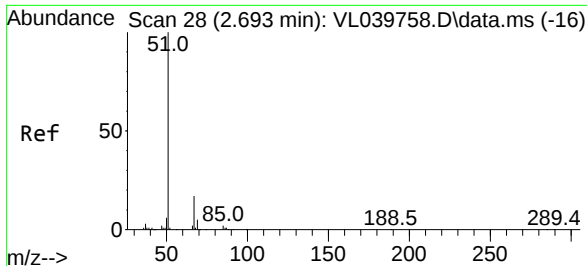


#2
Dichlorodifluoromethane
Concen: 10.066 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



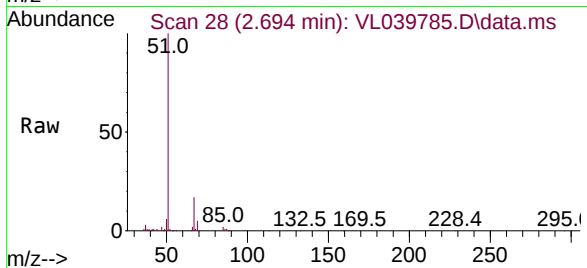
Tgt Ion: 85 Resp: 1044488
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1





#3
Chlorodifluoromethane
Concen: 9.675 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

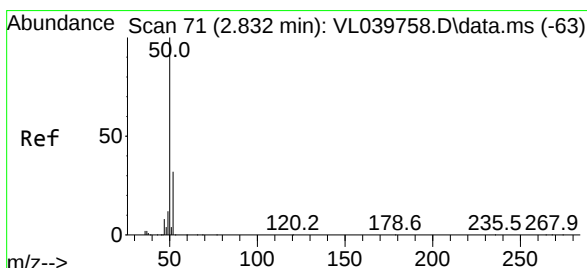
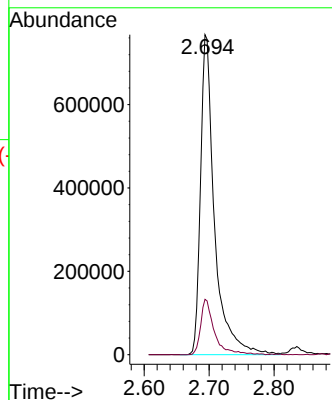
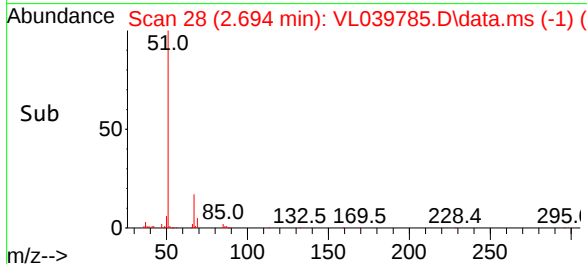
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



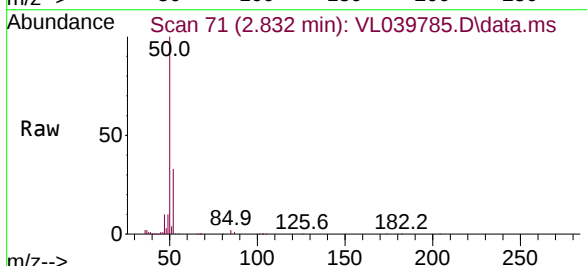
Tgt Ion: 51 Resp: 1151778
Ion Ratio Lower Upper
51 100
67 17.2 14.2 21.2

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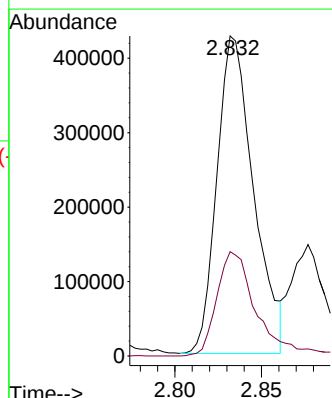
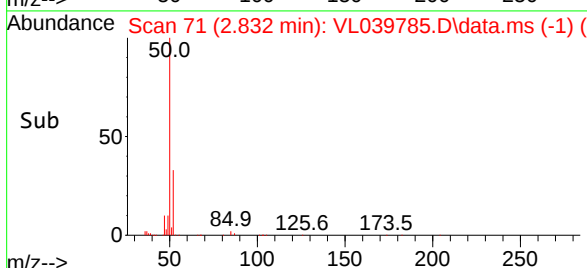
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

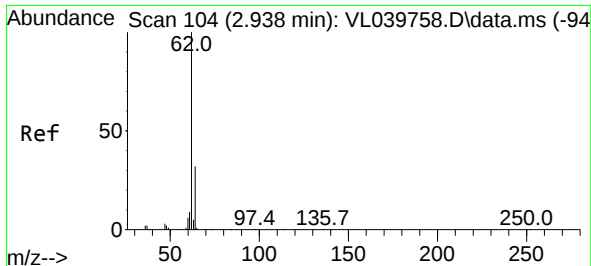


#4
Chloromethane
Concen: 8.423 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



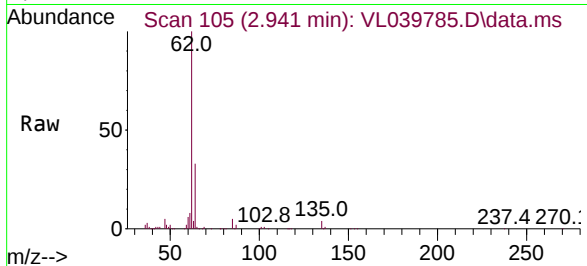
Tgt Ion: 50 Resp: 627721
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.280 ppbv
 RT: 2.941 min Scan# 104
 Delta R.T. 0.003 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

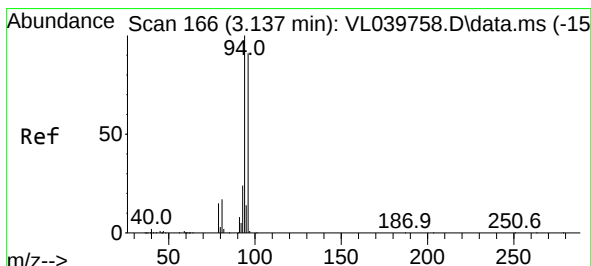
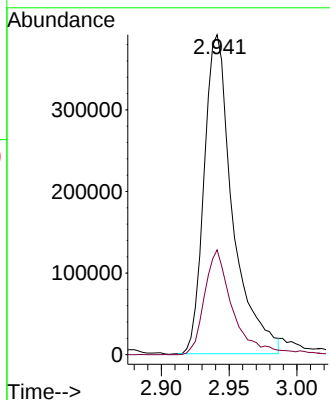
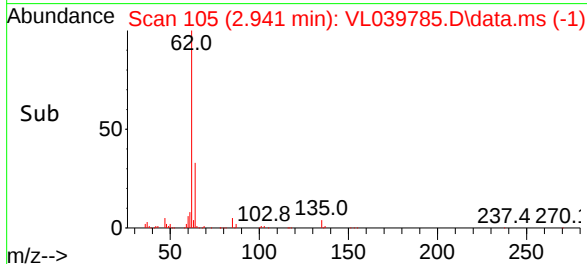
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 573610
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.0 39.0

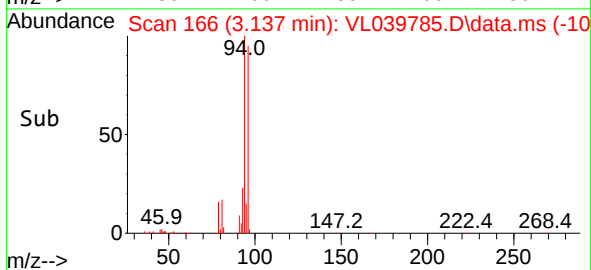
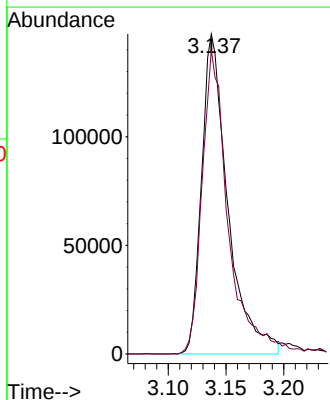
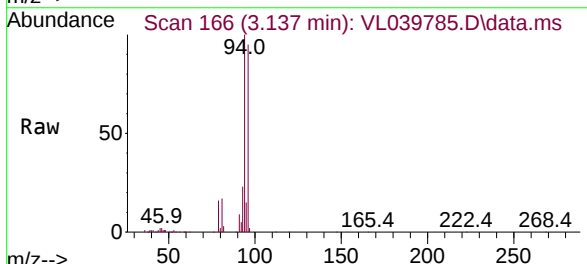
Manual Integrations
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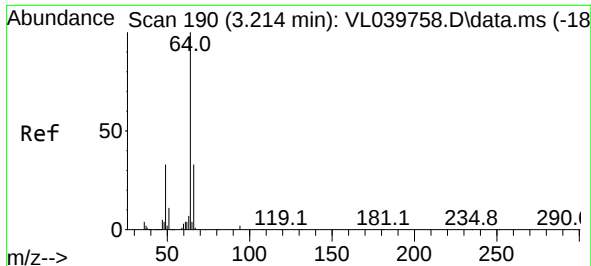
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#6
 Bromomethane
 Concen: 10.515 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

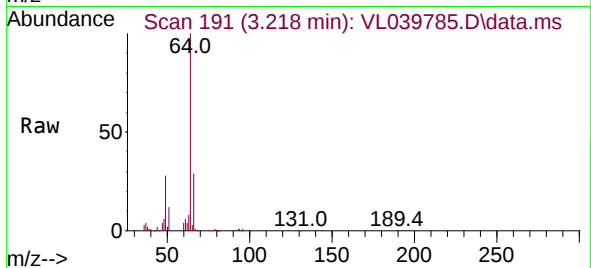
Tgt Ion: 94 Resp: 233512
 Ion Ratio Lower Upper
 94 100
 96 95.0 73.0 109.6





#7
Chloroethane
Concen: 9.271 ppbv
RT: 3.218 min Scan# 190
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

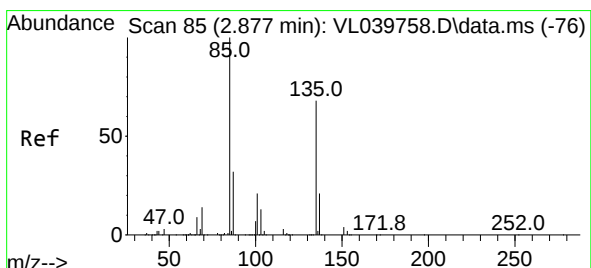
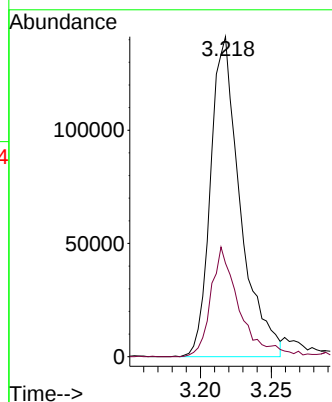
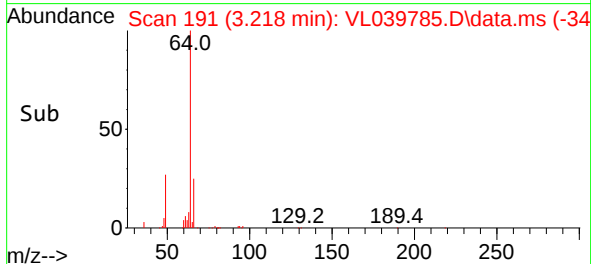
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 205800
Ion Ratio Lower Upper
64 100
66 29.2 26.3 39.5

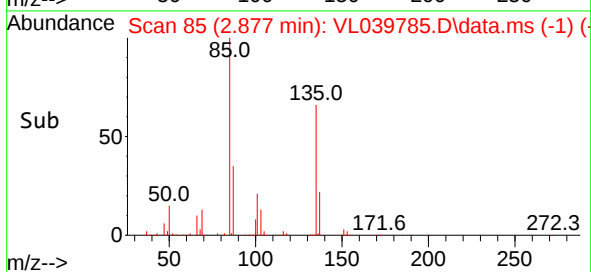
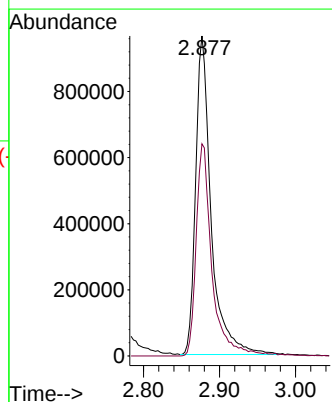
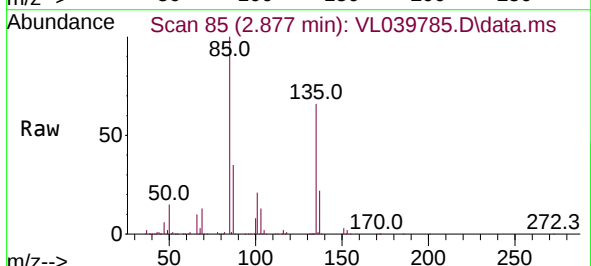
Manual Integrations
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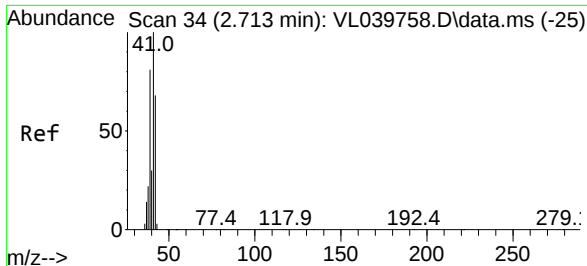
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Dichlorotetrafluoroethane
Concen: 10.071 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

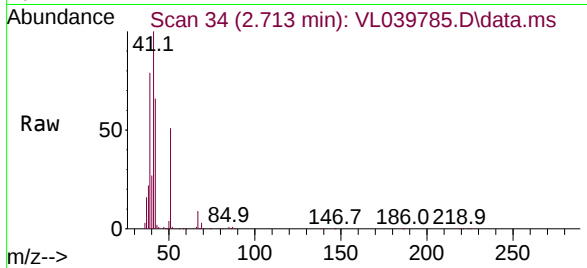
Tgt Ion: 85 Resp: 1364300
Ion Ratio Lower Upper
85 100
135 68.4 55.8 83.6





#9
 Propene
 Concen: 10.496 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

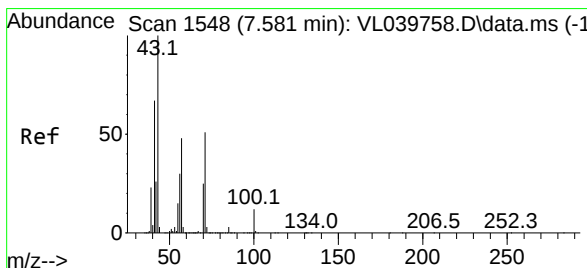
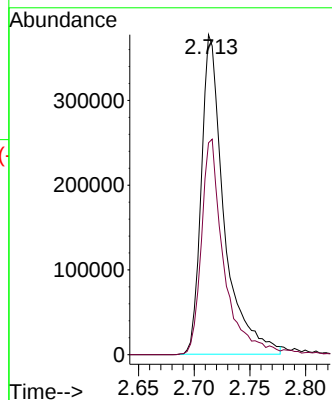
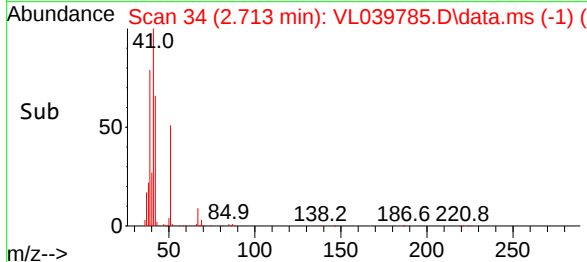
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



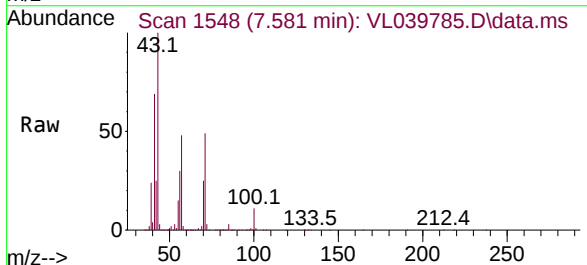
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 Ion Ratio Lower Upper
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 42 68.2 58.0 87.0

Manual Integrations
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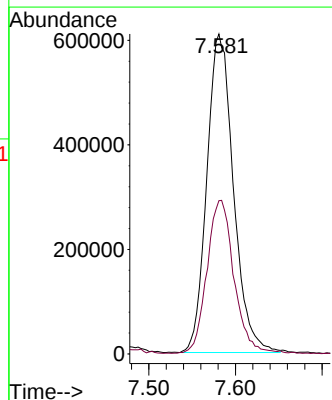
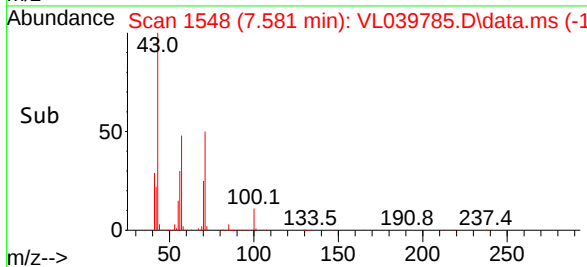
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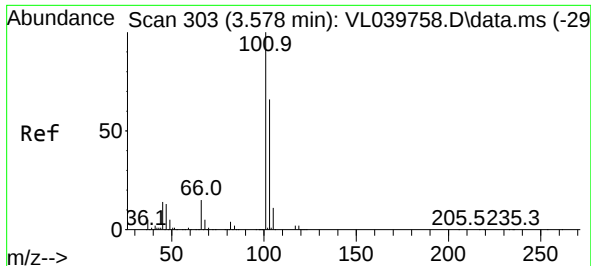


#10
 Heptane
 Concen: 10.627 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40



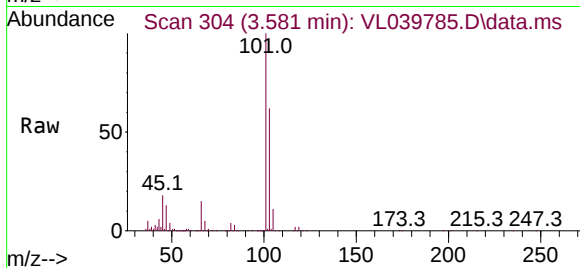
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 Ion Ratio Lower Upper
 43 100
 57 49.6 40.0 60.0





#11
Trichlorofluoromethane
Concen: 9.340 ppbv
RT: 3.581 min Scan# 303
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

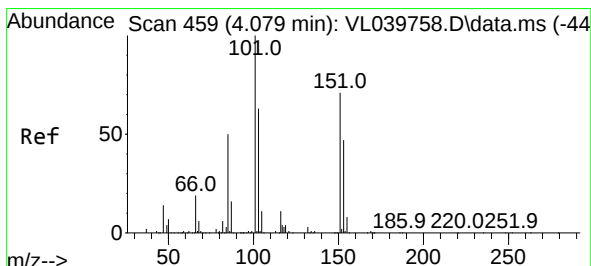
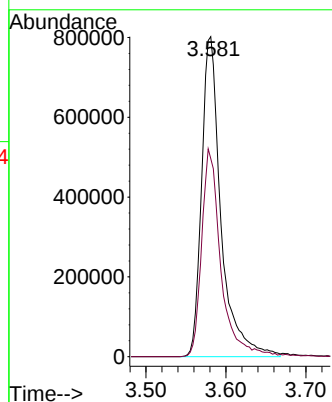
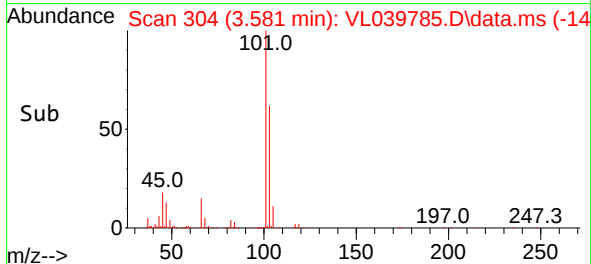
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1354214
Ion Ratio Lower Upper
101 100
103 61.9 52.7 79.1

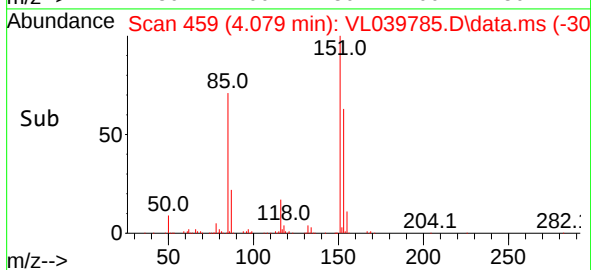
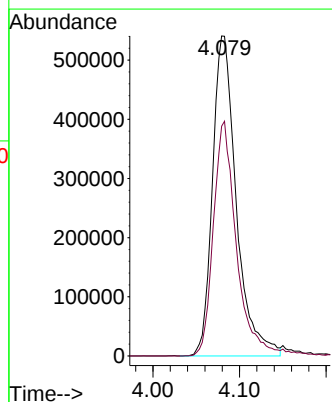
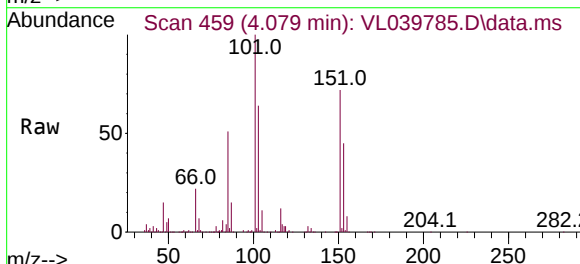
Manual Integrations
APPROVED

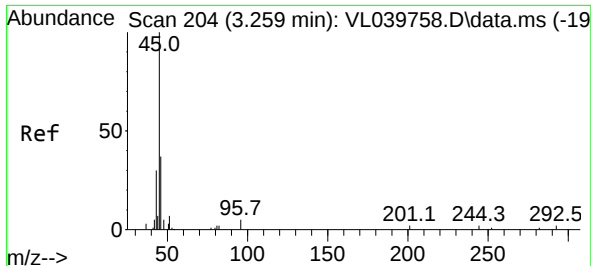
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.178 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

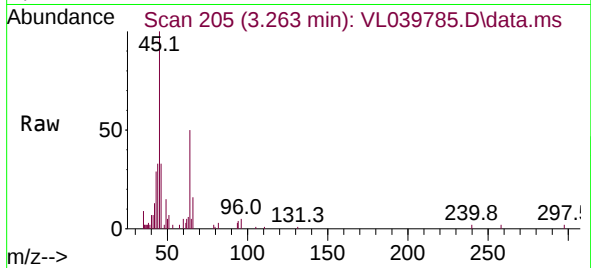
Tgt Ion:101 Resp: 1031879
Ion Ratio Lower Upper
101 100
151 72.2 56.6 84.8





#13
Ethanol
Concen: 7.504 ppbv
RT: 3.263 min Scan# 204
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

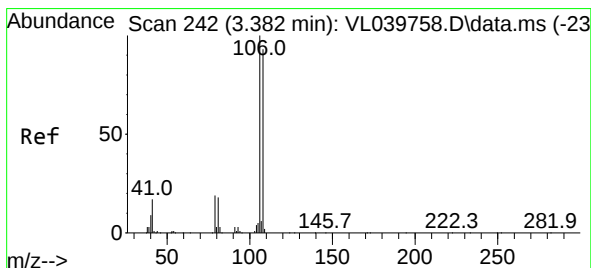
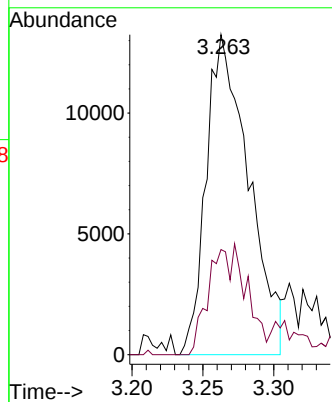
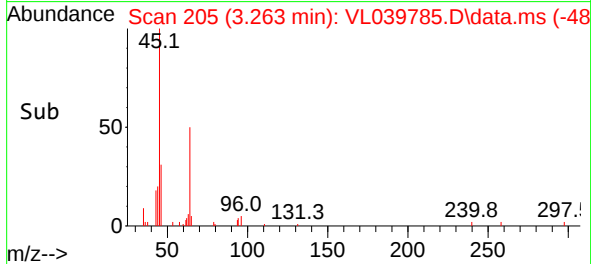
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



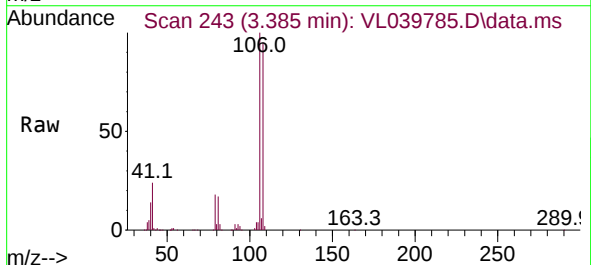
Tgt Ion: 45 Resp: 2756
Ion Ratio Lower Upper
45 100
46 39.6 15.3 61.3

Manual Integrations
APPROVED

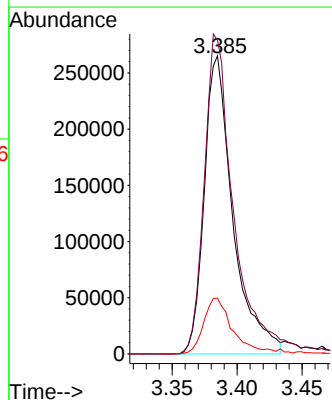
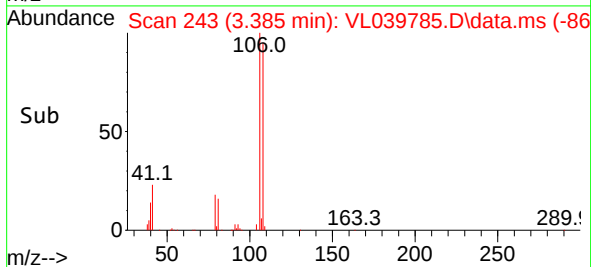
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

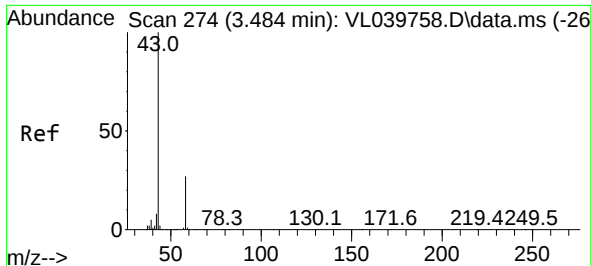


#14
Bromoethene
Concen: 9.121 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



Tgt Ion:108 Resp: 406962
Ion Ratio Lower Upper
108 100
106 113.5 90.6 136.0
79 20.0 16.6 24.8





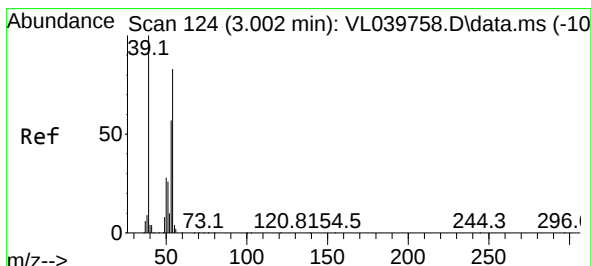
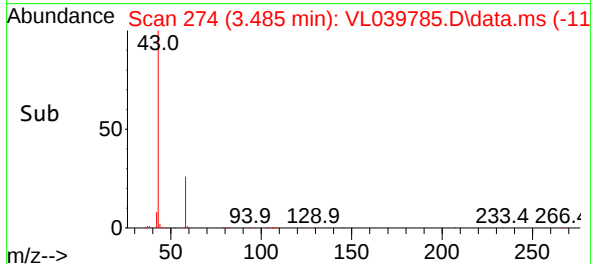
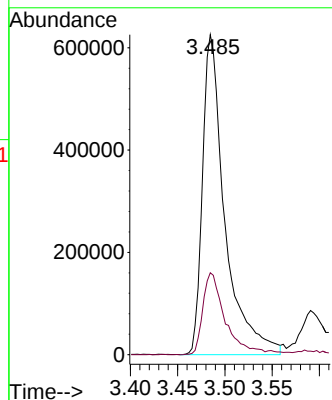
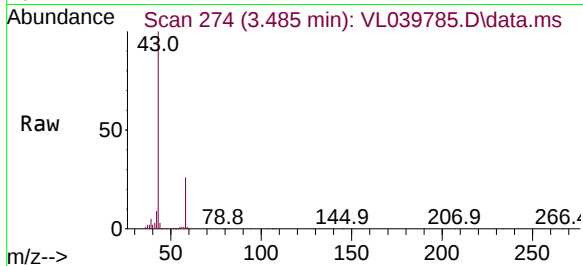
#15
Acetone
Concen: 8.699 ppbv
RT: 3.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1029678
Ion Ratio Lower Upper
43 100
58 26.1 20.7 31.1

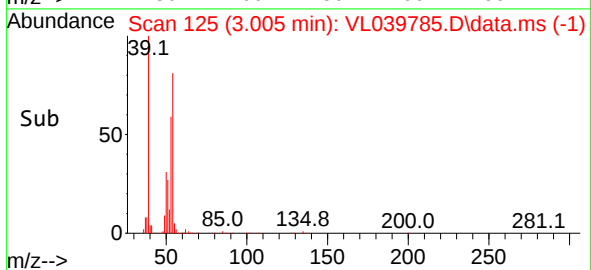
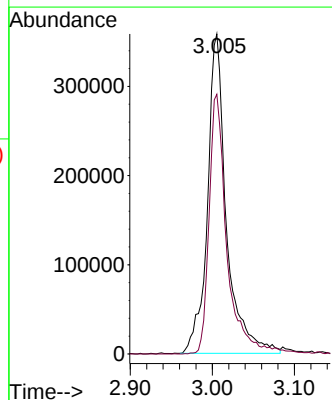
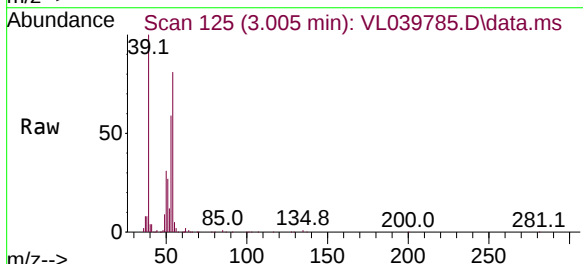
Manual Integrations
APPROVED

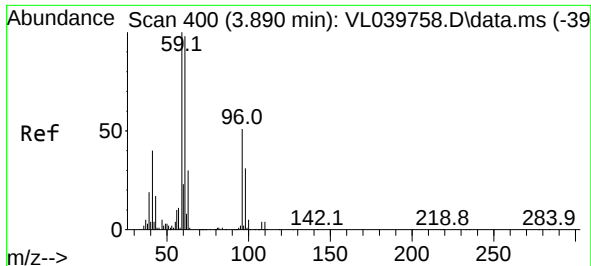
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
1,3-Butadiene
Concen: 9.873 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

Tgt Ion: 39 Resp: 577664
Ion Ratio Lower Upper
39 100
54 76.9 64.6 97.0





#17

tert-Butyl alcohol

Concen: 9.869 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.003 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 95278

Ion Ratio Lower Upper

59 100

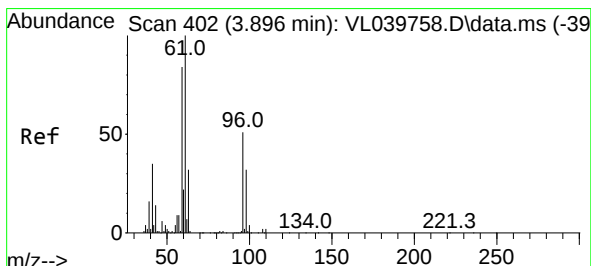
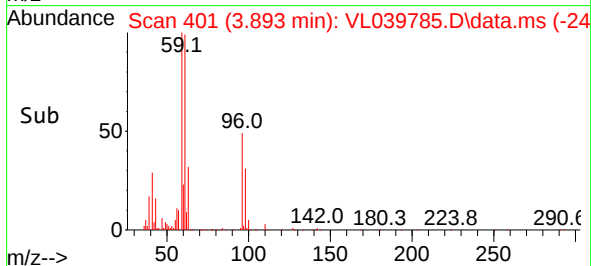
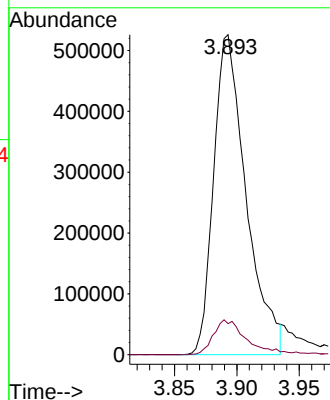
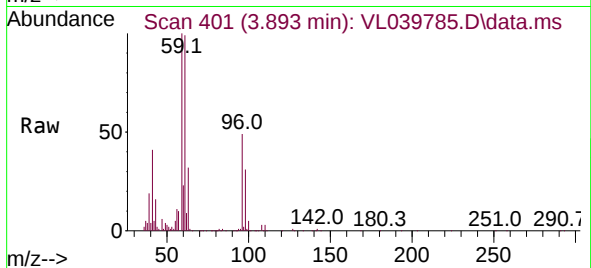
57 11.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

1,1-Dichloroethene

Concen: 9.194 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

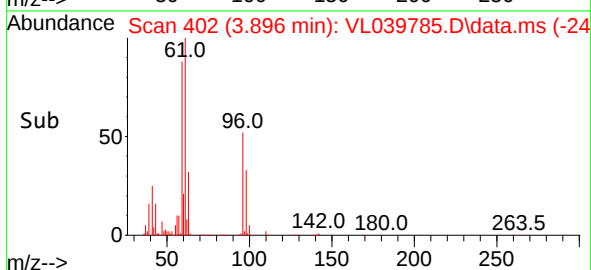
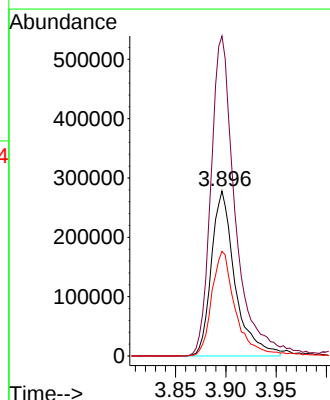
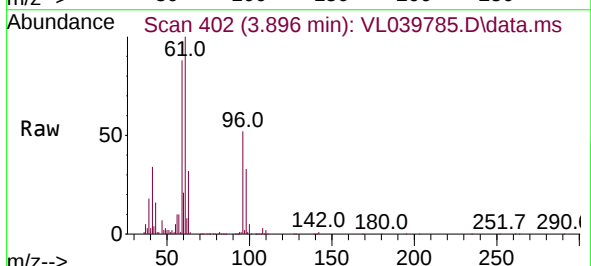
Tgt Ion: 96 Resp: 454908

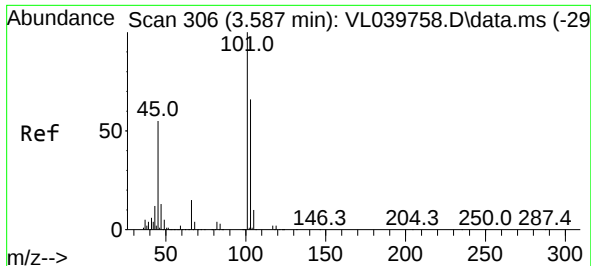
Ion Ratio Lower Upper

96 100

61 193.9 157.6 236.4

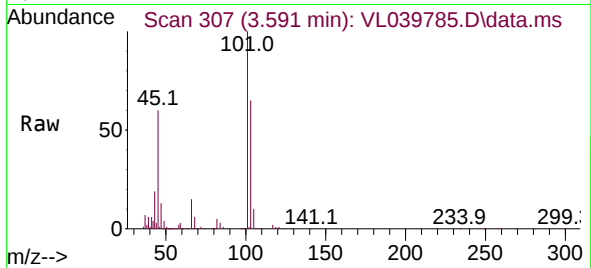
98 63.4 49.9 74.9





#19
Isopropyl Alcohol
Concen: 9.536 ppbv
RT: 3.591 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

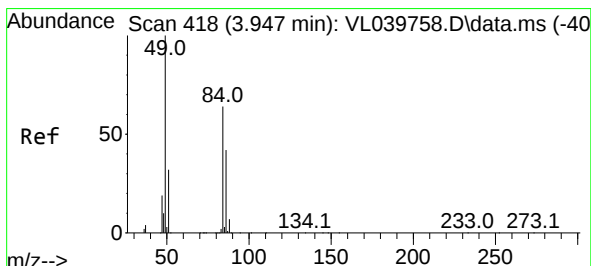
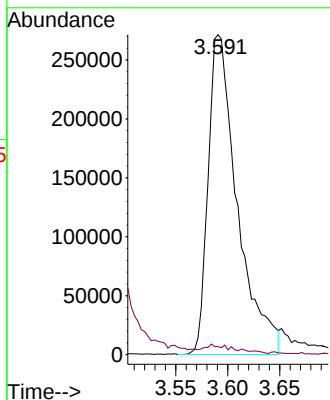
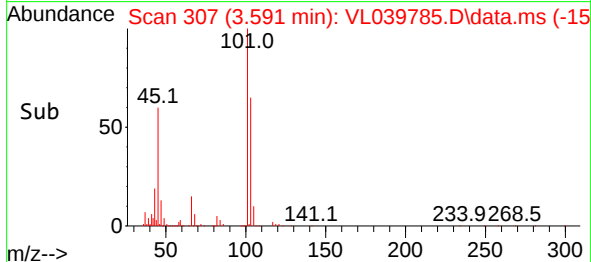
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



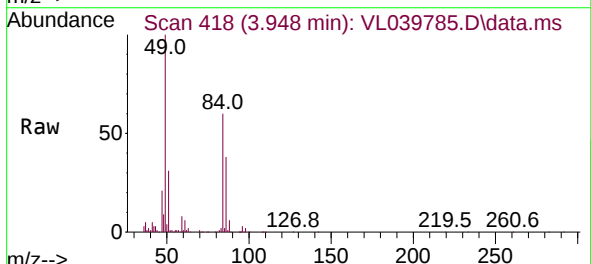
Tgt Ion: 45 Resp: 52885
Ion Ratio Lower Upper
45 100
58 3.8 2.8 4.2

Manual Integrations
APPROVED

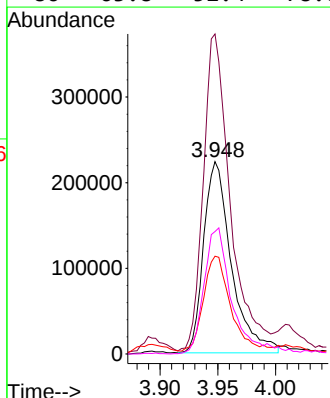
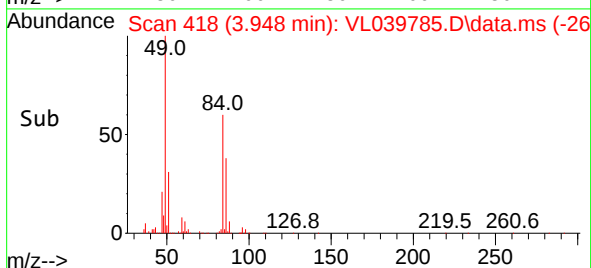
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

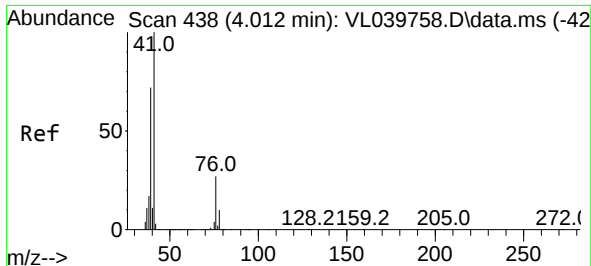


#20
Methylene Chloride
Concen: 8.300 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



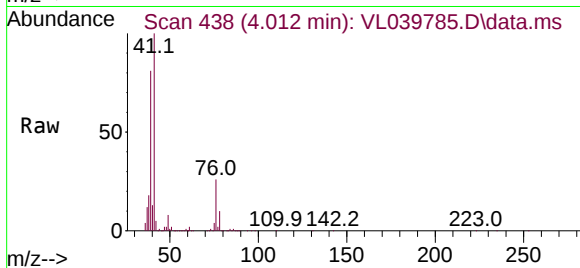
Tgt Ion: 84 Resp: 373781
Ion Ratio Lower Upper
84 100
49 165.7 126.0 189.0
51 49.5 40.9 61.3
86 63.8 52.4 78.6





#21
 Allyl Chloride
 Concen: 9.129 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

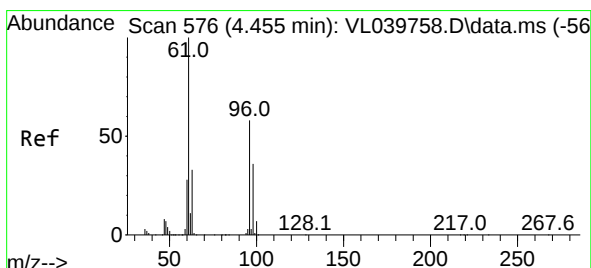
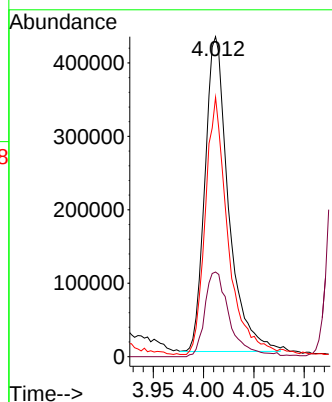
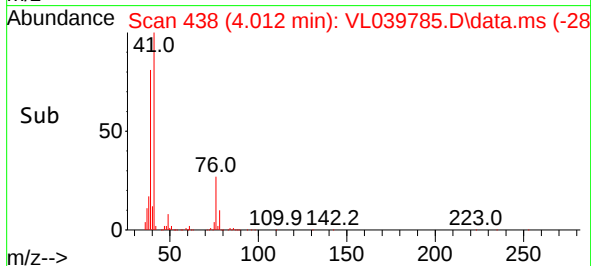
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



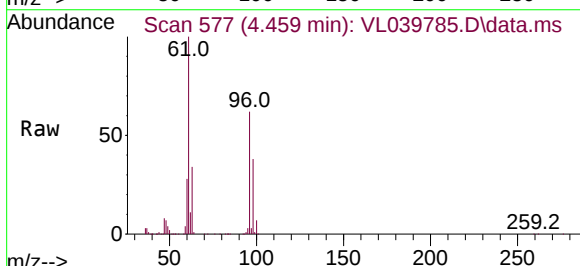
Tgt Ion: 41 Resp: 699382
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.5 35.3
 39 80.1 64.9 97.3

Manual Integrations
 APPROVED

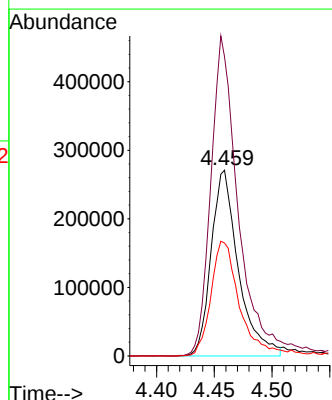
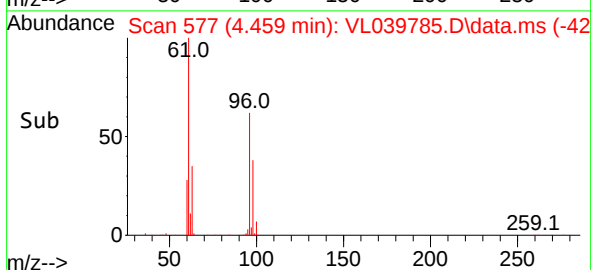
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

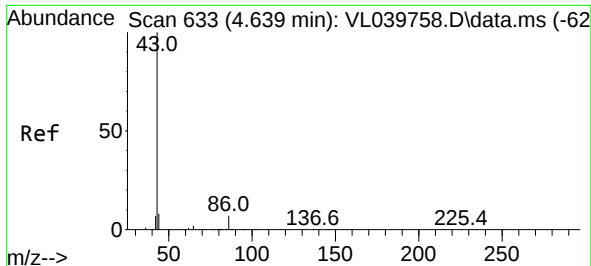


#22
 trans-1,2-Dichloroethene
 Concen: 8.662 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40



Tgt Ion: 96 Resp: 445173
 Ion Ratio Lower Upper
 96 100
 61 160.8 137.1 205.7
 98 60.7 49.8 74.6





#23
 Vinyl Acetate
 Concen: 5.414 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

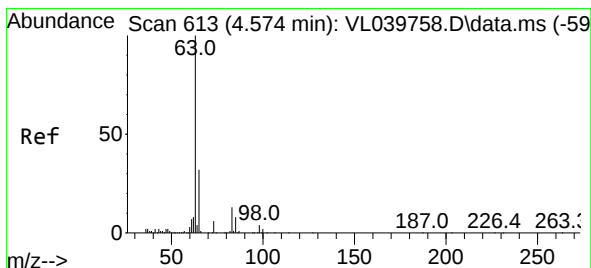
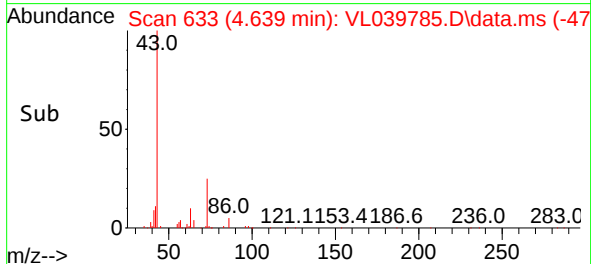
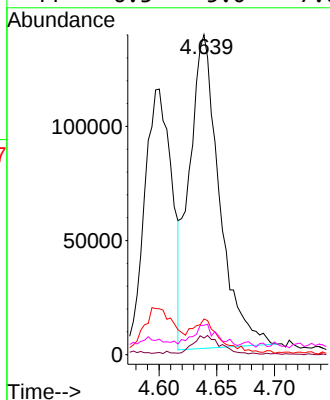
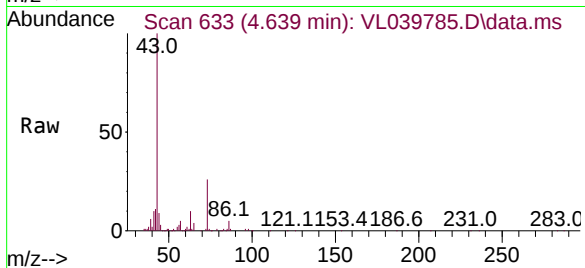
VSTDCCC010EC

Tgt Ion: 43 Resp: 247049
 Ion Ratio Lower Upper
 43 100
 86 5.1 4.9 7.3
 42 10.8 7.2 10.8
 44 6.3 5.0 7.6

Manual Integrations

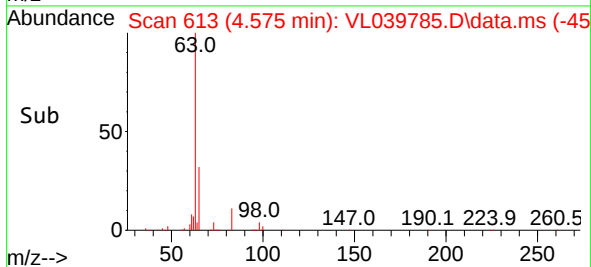
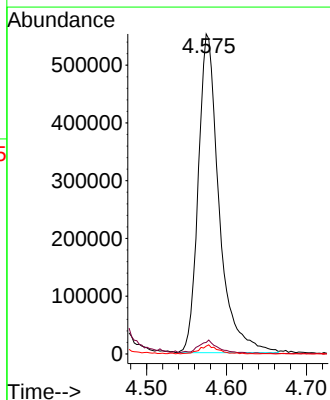
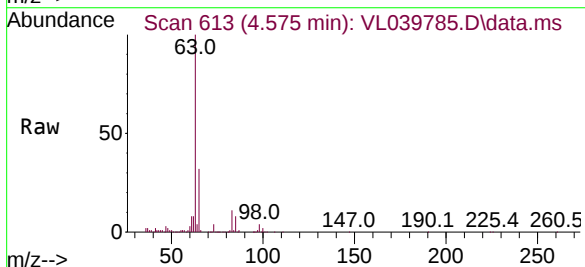
APPROVED

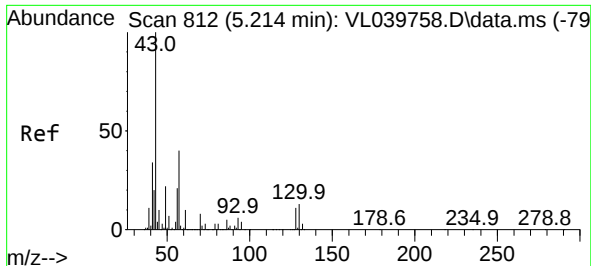
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 9.394 ppbv
 RT: 4.575 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

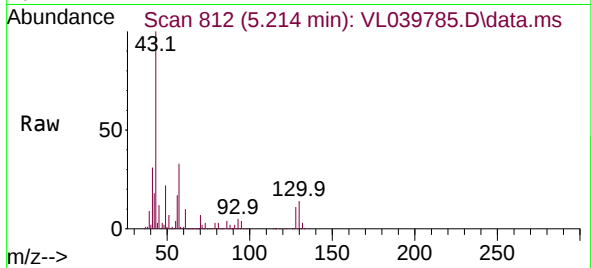
Tgt Ion: 63 Resp: 998310
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.1 6.3
 100 2.4 1.1 3.5





#25
Ethyl Acetate
Concen: 11.221 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

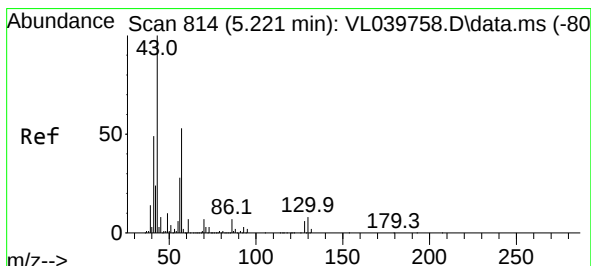
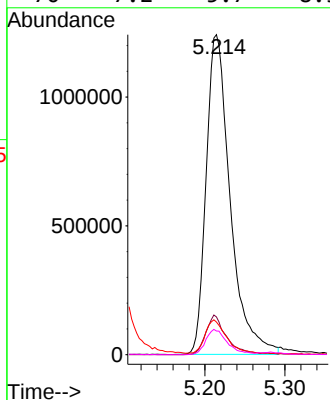
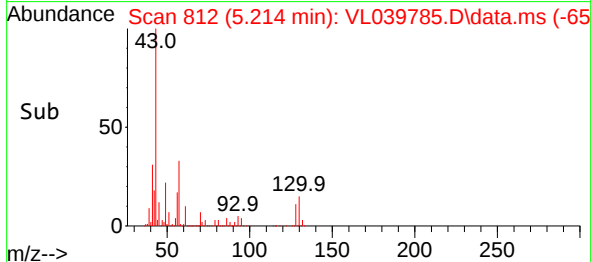
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



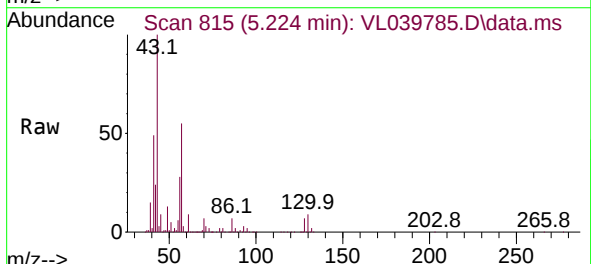
Tgt Ion: 43 Resp: 2596709
Ion Ratio Lower Upper
43 100
45 11.1 8.2 12.2
61 10.3 8.2 12.4
70 7.2 5.7 8.5

Manual Integrations
APPROVED

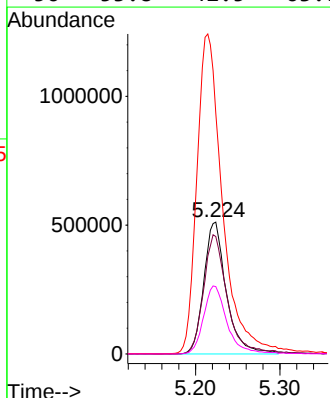
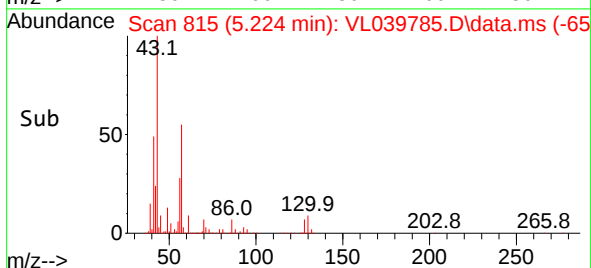
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

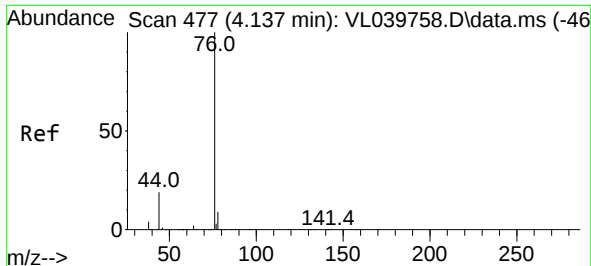


#26
Hexane
Concen: 9.911 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



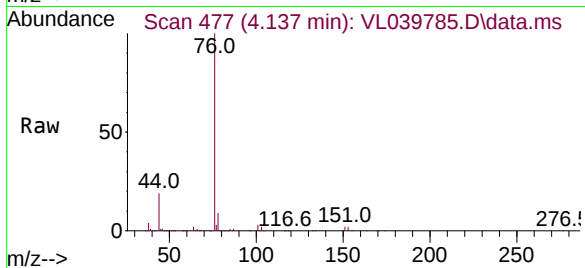
Tgt Ion: 57 Resp: 953721
Ion Ratio Lower Upper
57 100
41 95.8 76.1 114.1
43 279.6 197.1 295.7
56 53.8 42.5 63.7





#27
Carbon Disulfide
Concen: 9.259 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

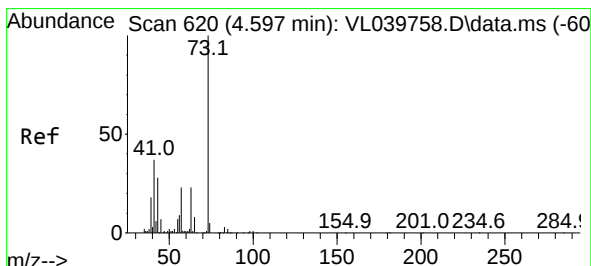
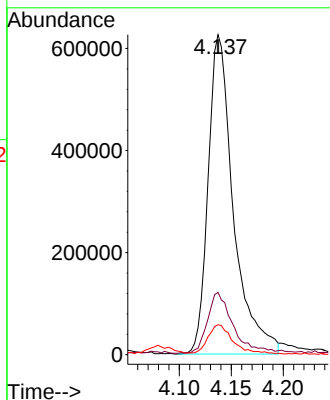
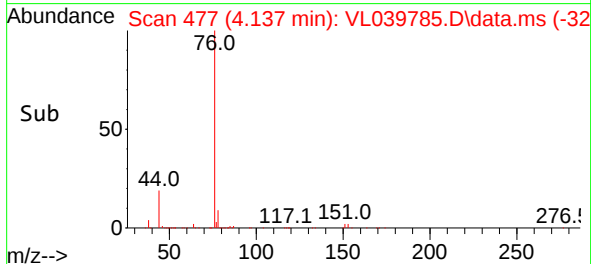
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



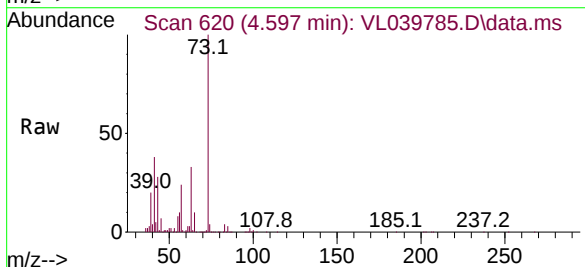
Tgt Ion: 76 Resp: 105772
Ion Ratio Lower Upper
76 100
44 19.5 16.6 25.0
78 9.8 7.6 11.4

Manual Integrations
APPROVED

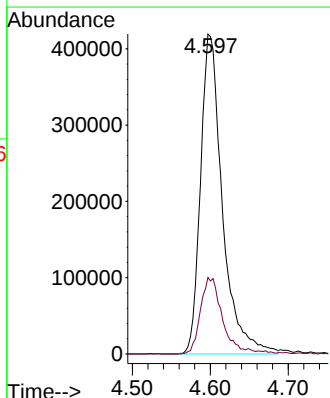
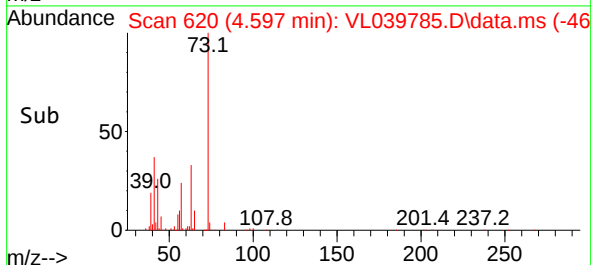
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

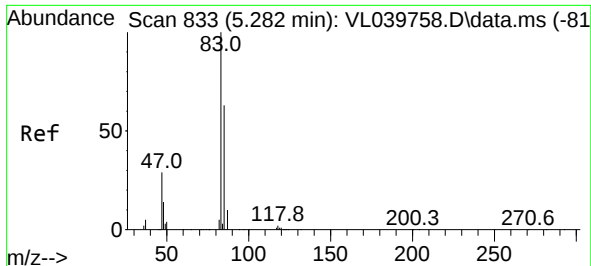


#28
Methyl tert-Butyl Ether
Concen: 9.768 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



Tgt Ion: 73 Resp: 817769
Ion Ratio Lower Upper
73 100
57 24.8 19.1 28.7





#29

Chloroform

Concen: 9.254 ppbv

RT: 5.282 min Scan# 833

Delta R.T. 0.000 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 139990

Ion Ratio Lower Upper

83 100

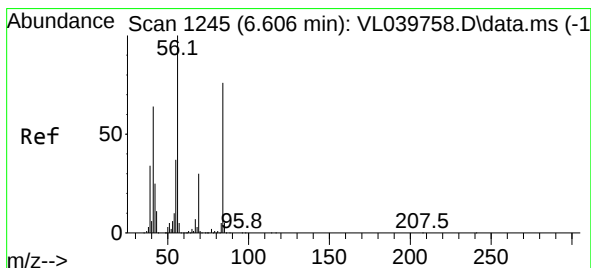
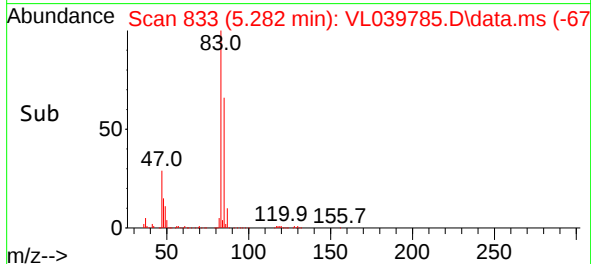
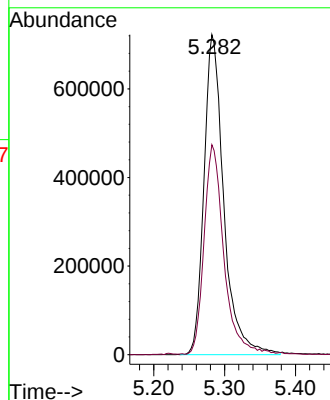
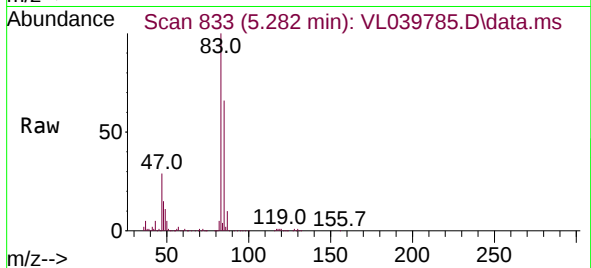
85 65.4 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Cyclohexane

Concen: 9.899 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

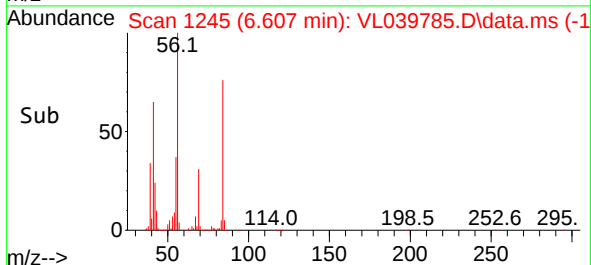
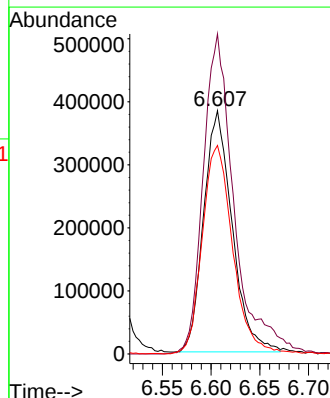
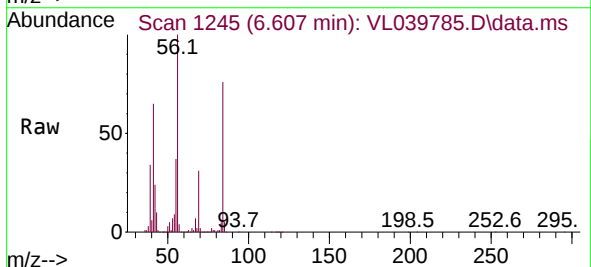
Tgt Ion: 84 Resp: 780577

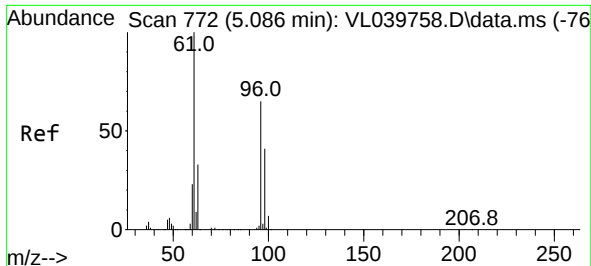
Ion Ratio Lower Upper

84 100

56 144.6 111.8 167.6

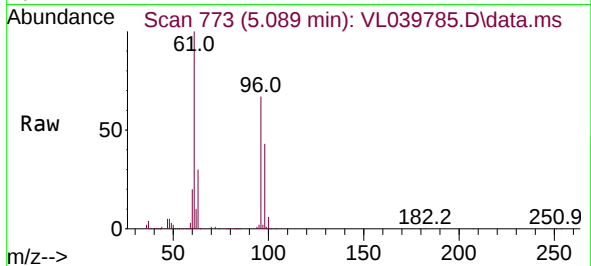
41 92.9 71.5 107.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.661 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

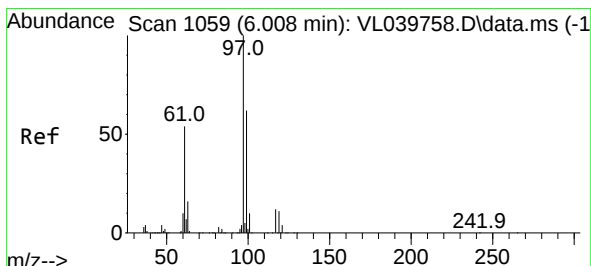
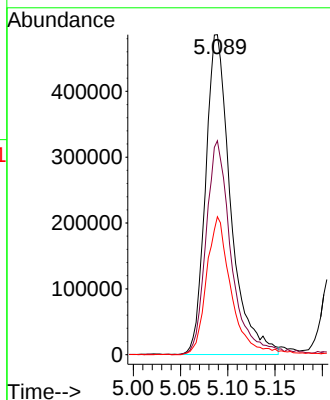
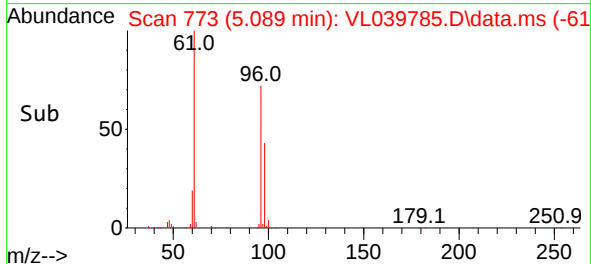
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 89732
 Ion Ratio Lower Upper
 61 100
 96 66.8 52.2 78.2
 98 43.1 32.9 49.3

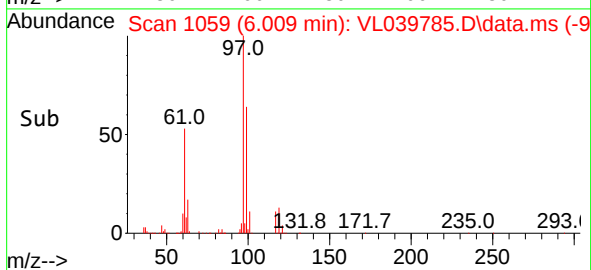
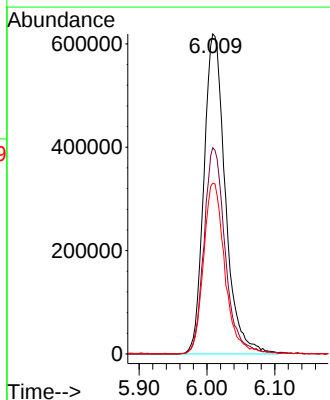
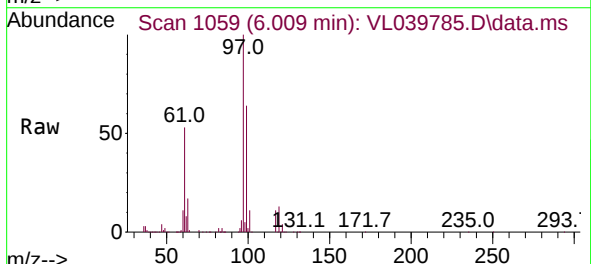
Manual Integrations
 APPROVED

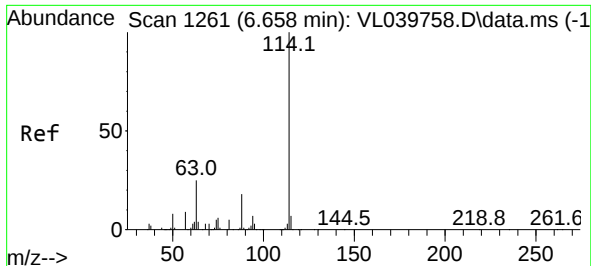
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.896 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

Tgt Ion: 97 Resp: 1358736
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.2 78.4
 61 53.3 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2582090

Ion Ratio Lower Upper

114 100

63 24.9 20.1 30.1

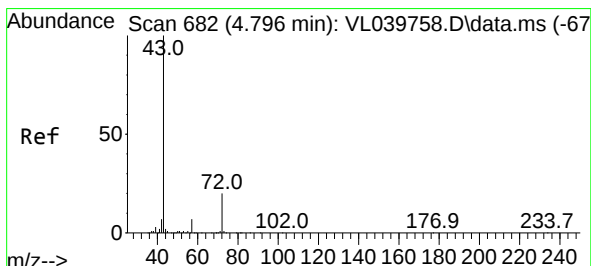
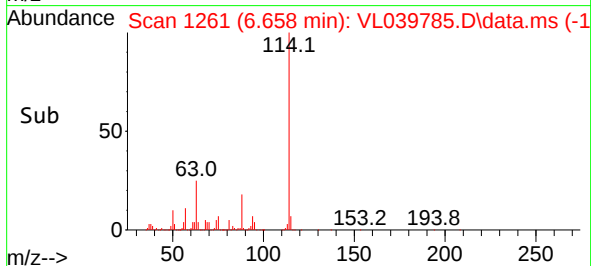
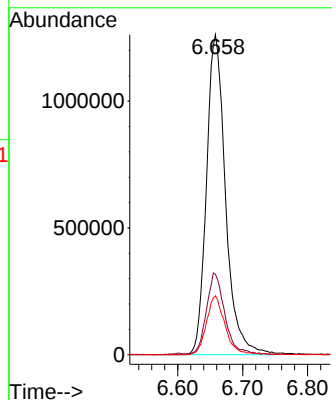
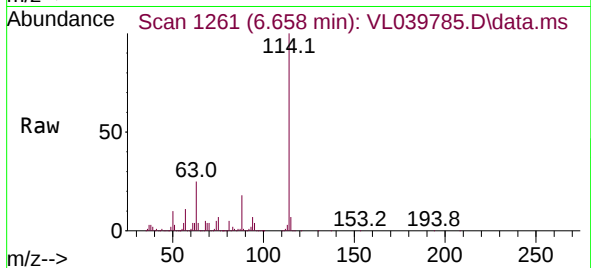
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

2-Butanone

Concen: 9.575 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL039785.D

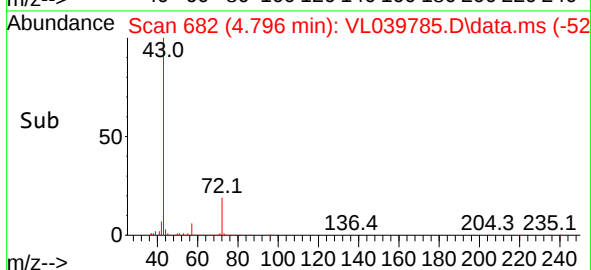
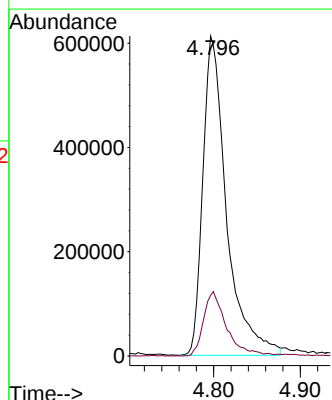
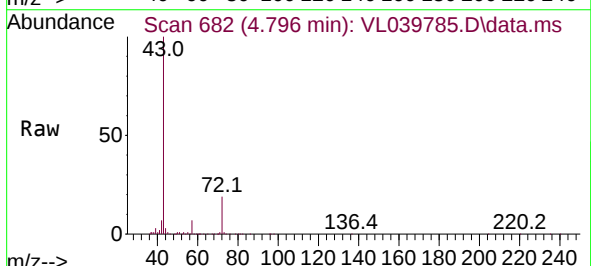
Acq: 25 Oct 2022 9:40

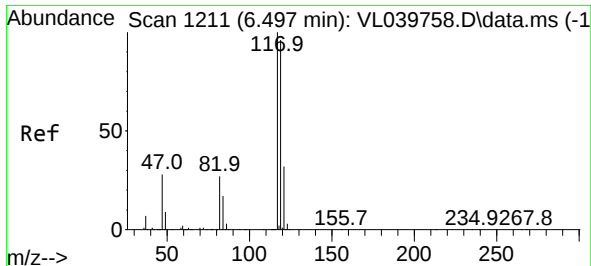
Tgt Ion: 43 Resp: 1163155

Ion Ratio Lower Upper

43 100

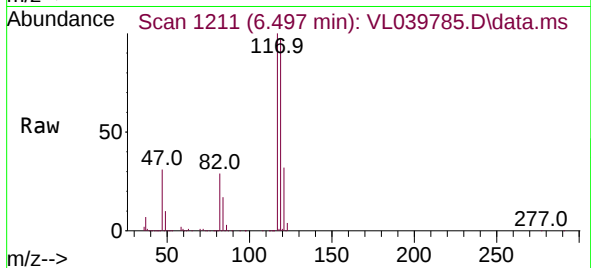
72 20.3 16.5 24.7





#35
Carbon Tetrachloride
Concen: 9.564 ppbv
RT: 6.497 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

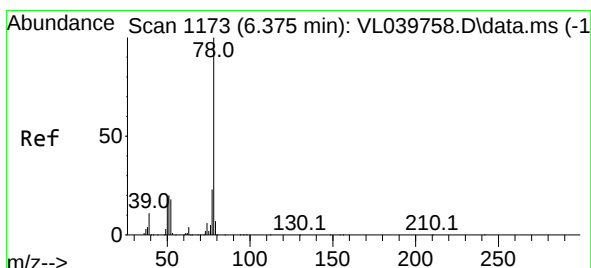
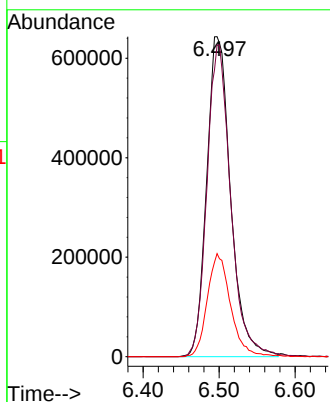
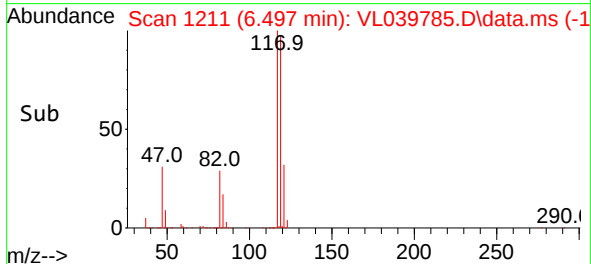
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1407952
Ion Ratio Lower Upper
117 100
119 97.4 76.6 115.0
121 32.2 25.3 37.9

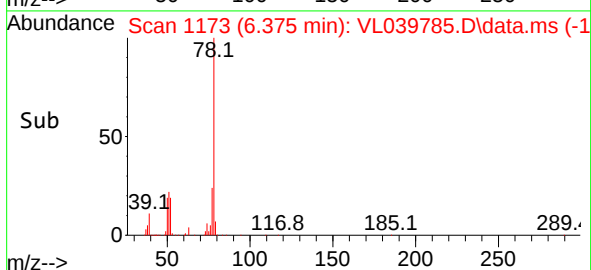
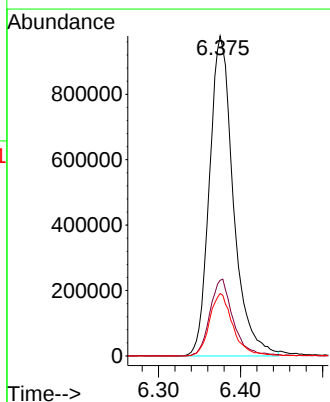
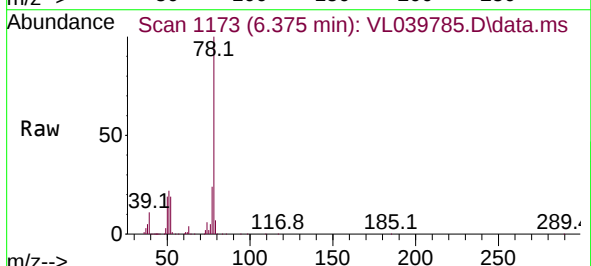
Manual Integrations
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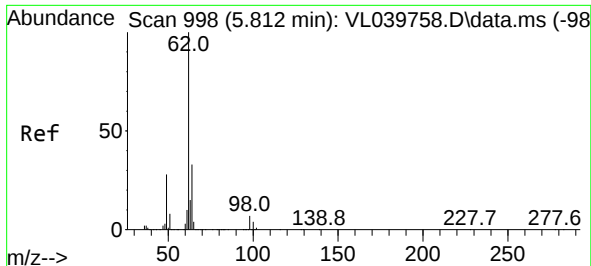
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
Benzene
Concen: 9.982 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

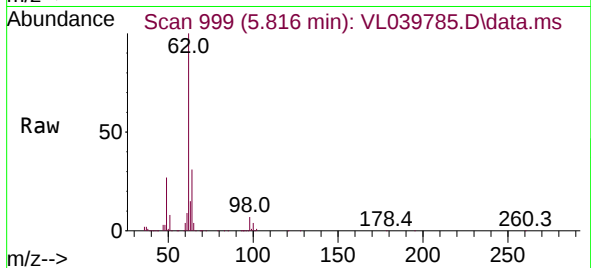
Tgt Ion: 78 Resp: 1984920
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5
50 19.5 15.2 22.8





#37
1,2-Dichloroethane
Concen: 9.588 ppbv
RT: 5.816 min Scan# 998
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

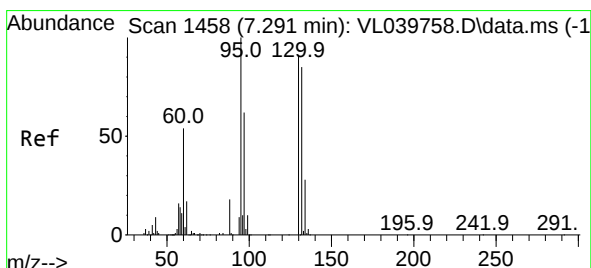
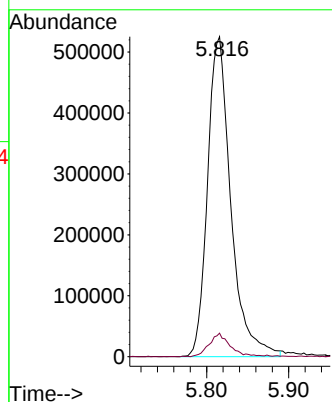
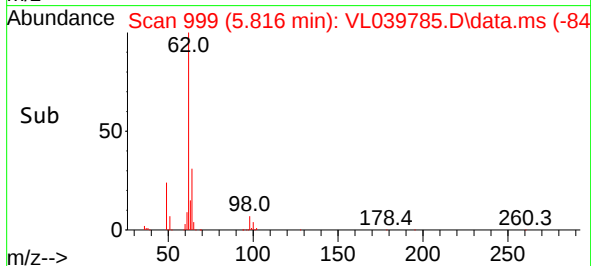
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



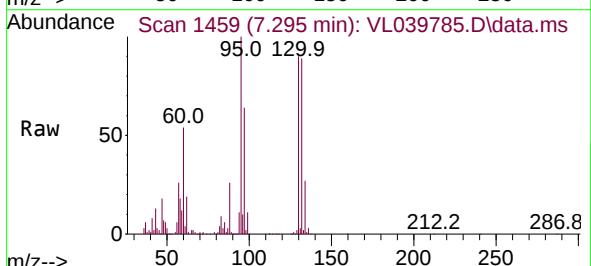
Tgt Ion: 62 Resp: 1035479
Ion Ratio Lower Upper
62 100
98 6.9 5.2 7.8

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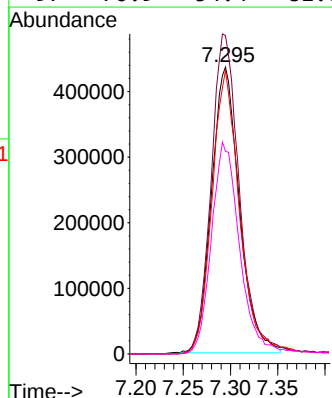
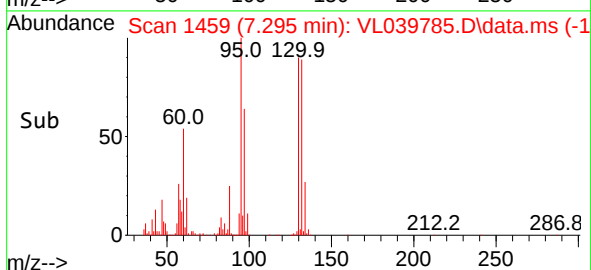
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

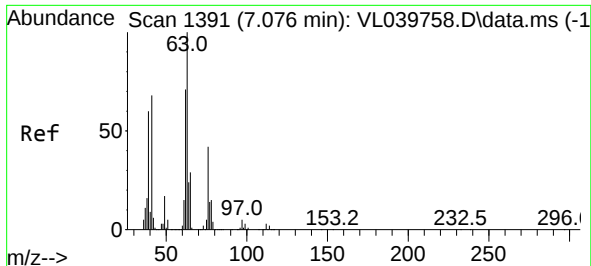


#38
Trichloroethene
Concen: 7.960 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



Tgt Ion:130 Resp: 893614
Ion Ratio Lower Upper
130 100
95 111.3 88.1 132.1
132 99.0 75.2 112.8
97 70.9 54.4 81.6





#39

1,2-Dichloropropane

Concen: 9.912 ppbv

RT: 7.079 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VL039785.D

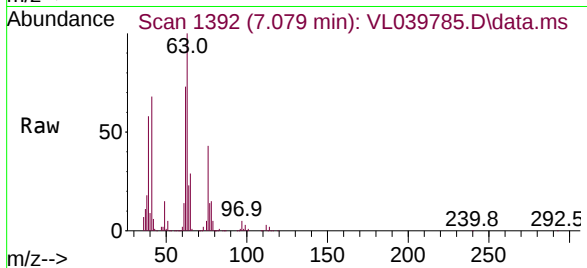
Acq: 25 Oct 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

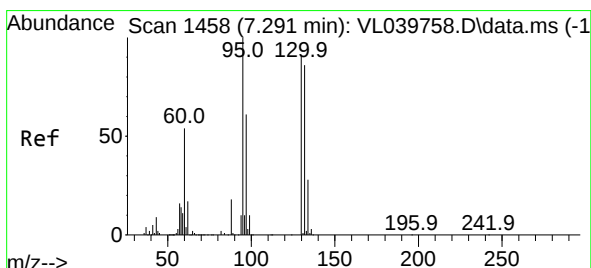
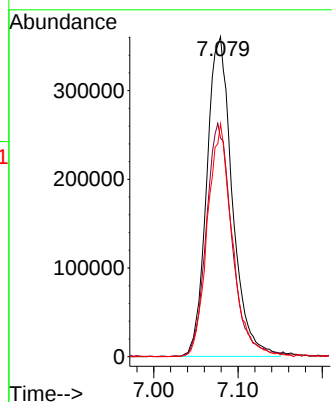
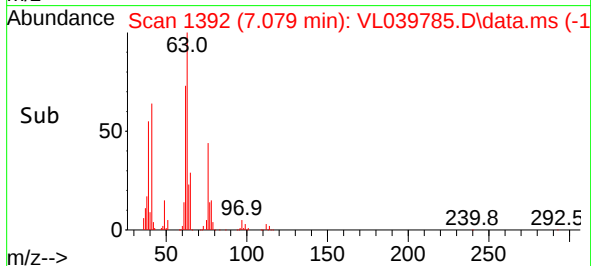


Tgt Ion:	63	Resp:	759370
Ion	Ratio	Lower	Upper
63	100		
41	68.2	54.5	81.7
62	72.6	56.6	85.0

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: 10.767 ppbv

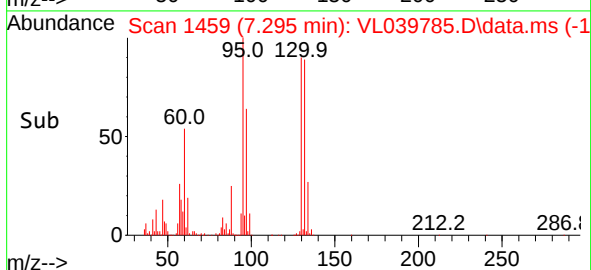
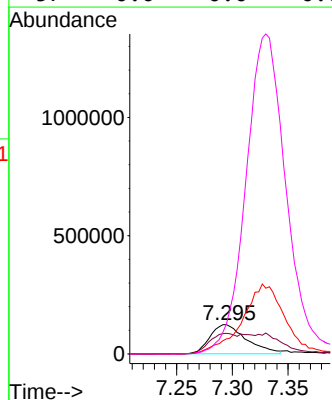
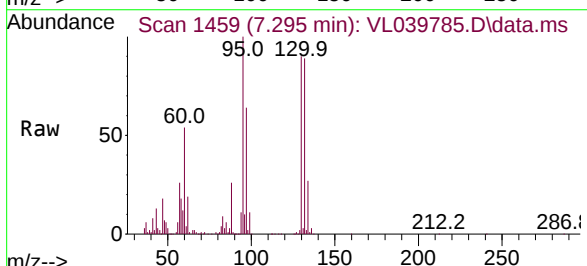
RT: 7.295 min Scan# 1459

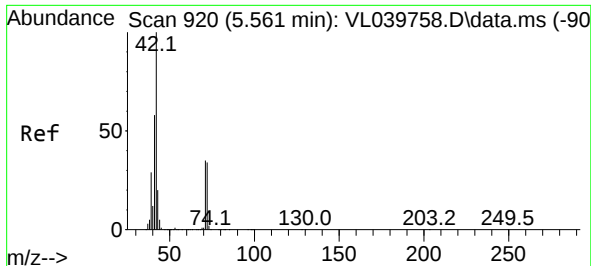
Delta R.T. 0.003 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

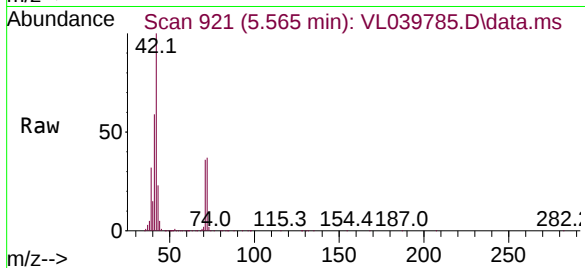
Tgt Ion:	88	Resp:	281146
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.762 ppbv
RT: 5.565 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

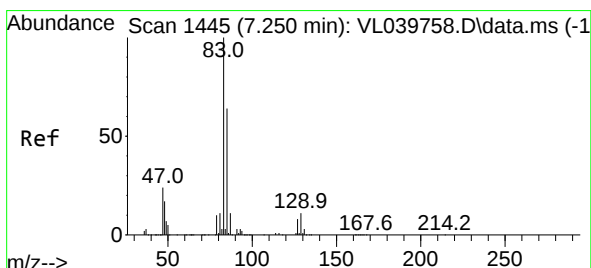
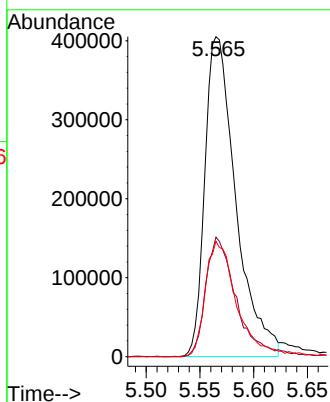
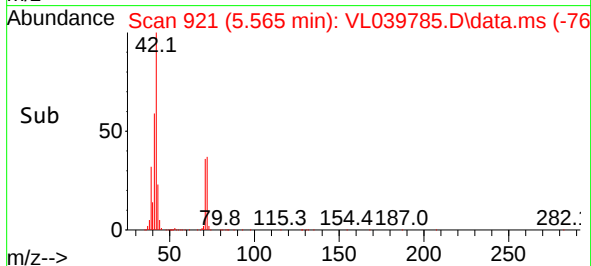
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 81227
Ion Ratio Lower Upper
42 100
72 37.8 29.9 44.9
71 37.5 29.2 43.8

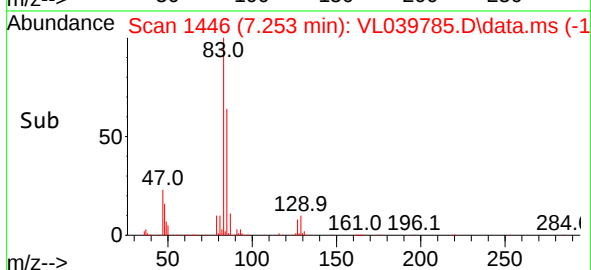
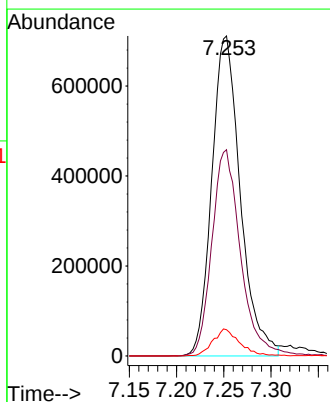
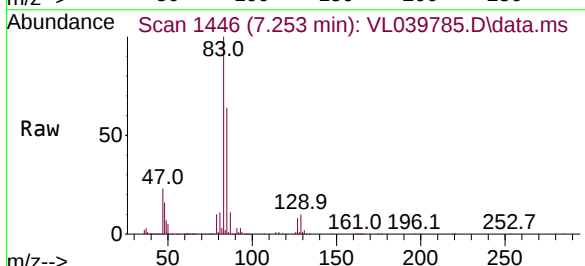
Manual Integrations
APPROVED

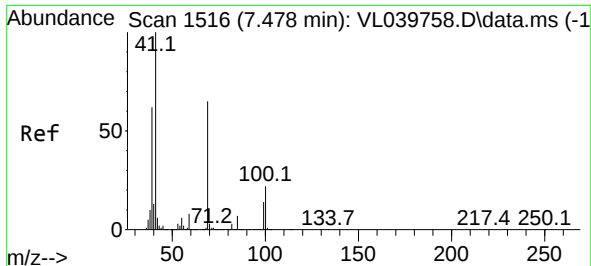
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Bromodichloromethane
Concen: 9.802 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

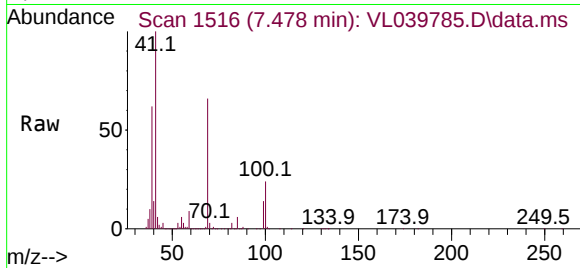
Tgt Ion: 83 Resp: 1490715
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 8.2 6.1 9.1





#43
Methyl Methacrylate
Concen: 11.615 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

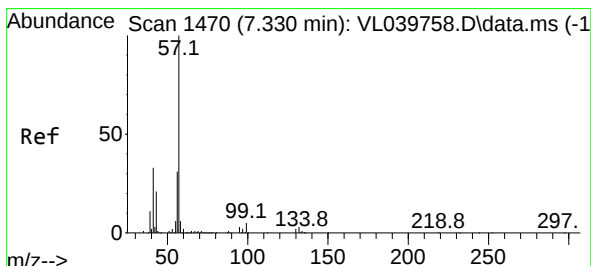
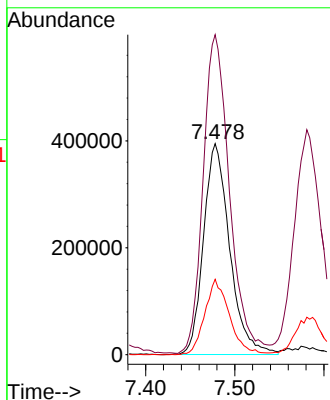
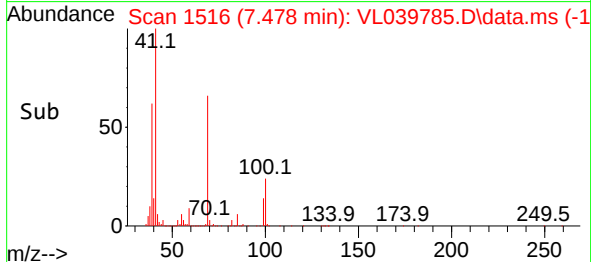
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



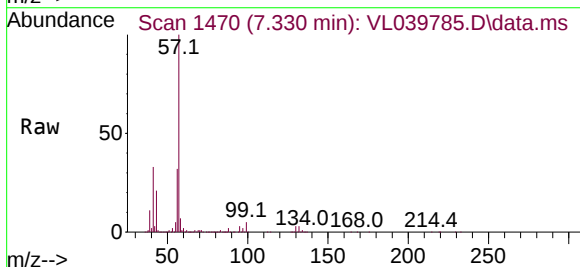
Tgt Ion: 69 Resp: 804324
Ion Ratio Lower Upper
69 100
41 153.6 121.8 182.6
100 33.7 27.3 40.9

Manual Integrations
APPROVED

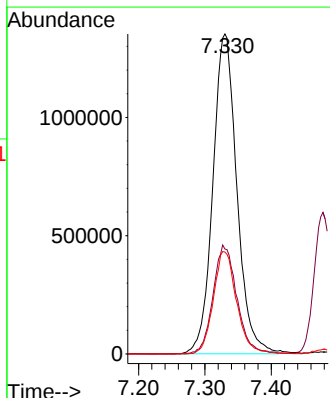
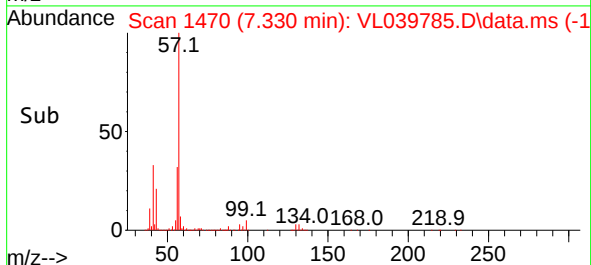
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

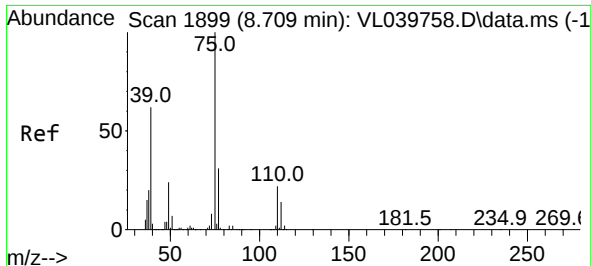


#44
2,2,4-Trimethylpentane
Concen: 10.220 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



Tgt Ion: 57 Resp: 3397537
Ion Ratio Lower Upper
57 100
41 33.8 26.6 40.0
56 31.2 25.4 38.0





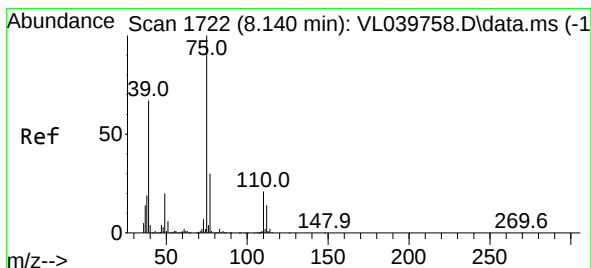
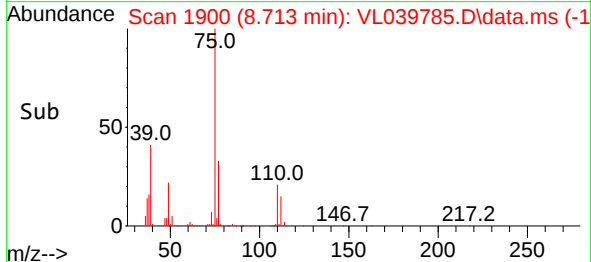
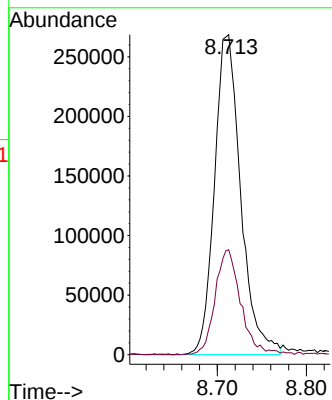
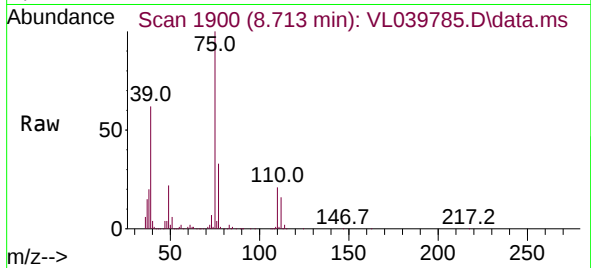
#45
t-1,3-Dichloropropene
Concen: 9.332 ppbv
RT: 8.713 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 548989
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7

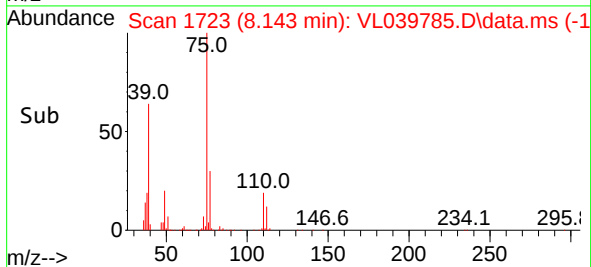
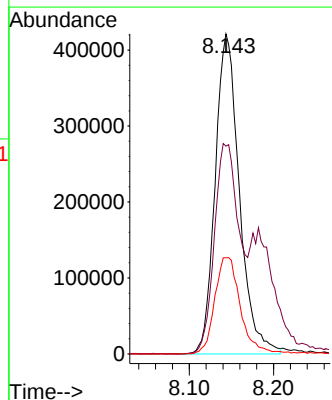
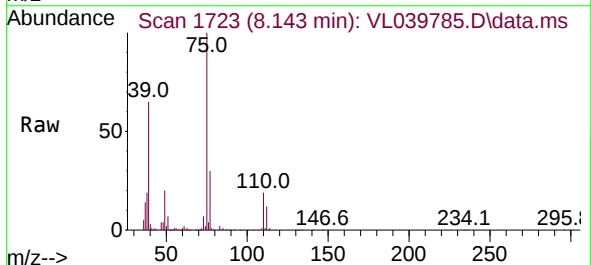
Manual Integrations
APPROVED

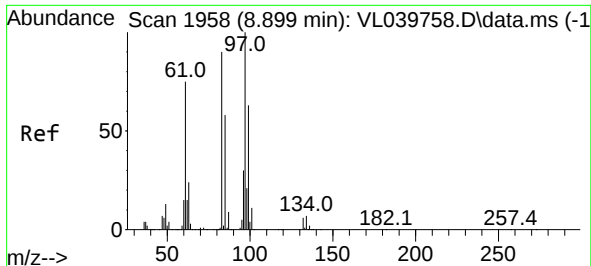
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
cis-1,3-Dichloropropene
Concen: 9.921 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

Tgt Ion: 75 Resp: 837606
Ion Ratio Lower Upper
75 100
39 64.9 53.9 80.9
77 30.0 24.3 36.5





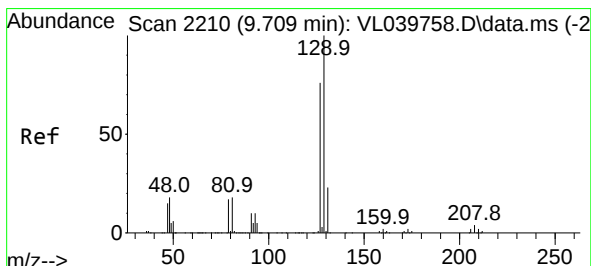
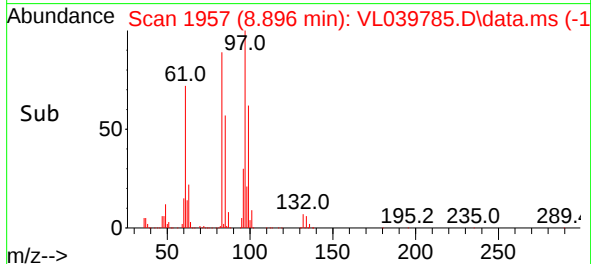
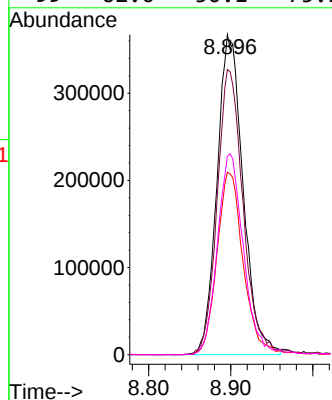
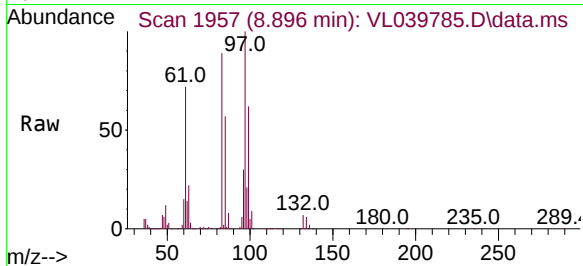
#47
1,1,2-Trichloroethane
Concen: 9.888 ppbv
RT: 8.896 min Scan# 1958
Delta R.T. -0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 811018
Ion Ratio Lower Upper
97 100
83 89.0 71.6 107.4
85 57.0 46.2 69.4
99 62.0 50.1 75.1

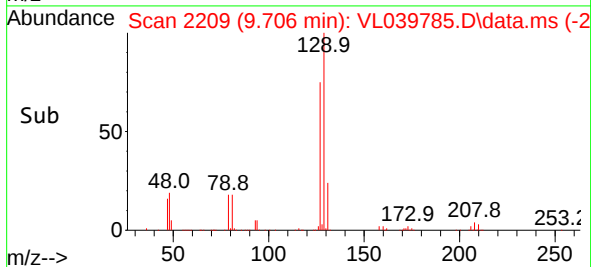
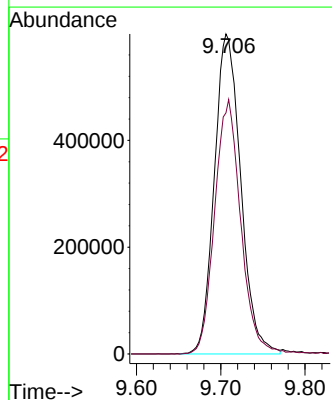
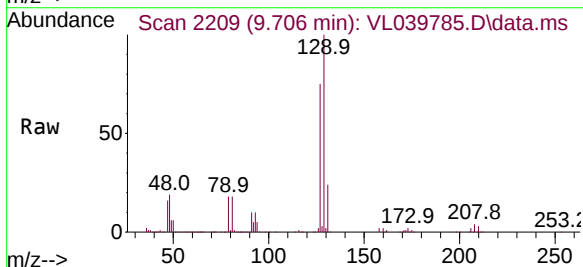
Manual Integrations
APPROVED

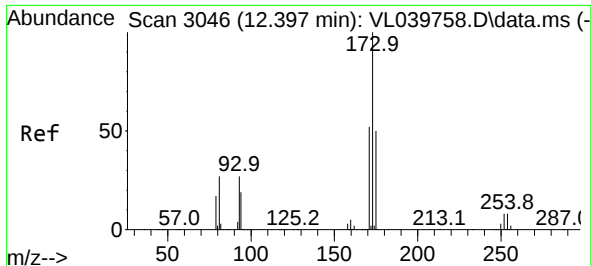
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Dibromochloromethane
Concen: 9.875 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

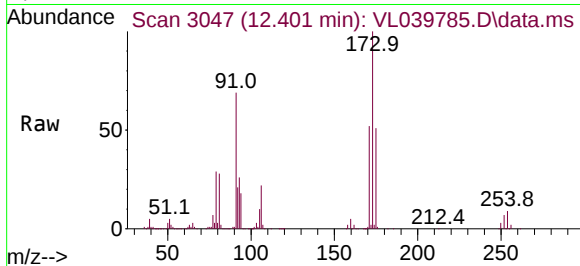
Tgt Ion:129 Resp: 1303899
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.5





#49
Bromoform
Concen: 10.089 ppbv
RT: 12.401 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

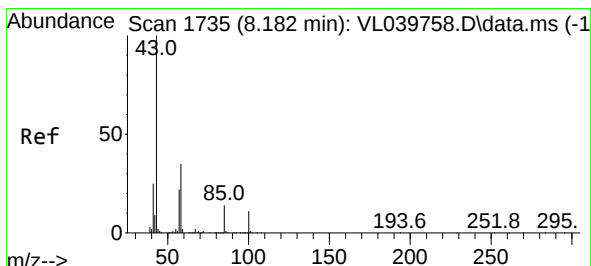
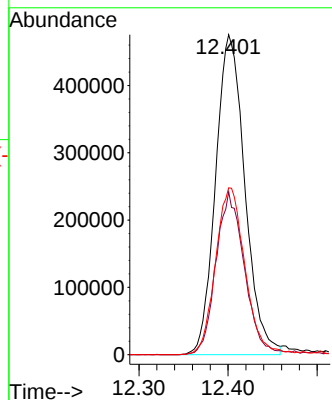
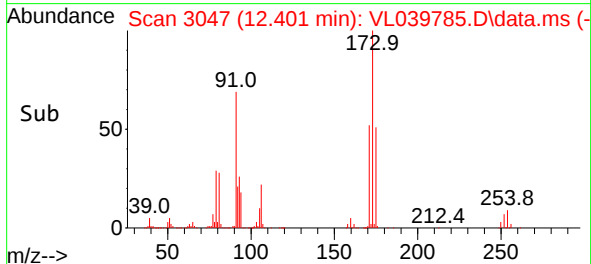
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 1085144
Ion Ratio Lower Upper
173 100
175 50.4 41.2 61.8
171 53.8 43.2 64.8

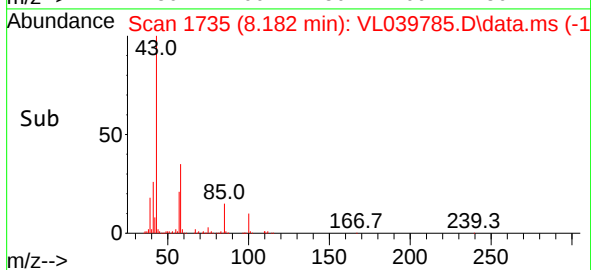
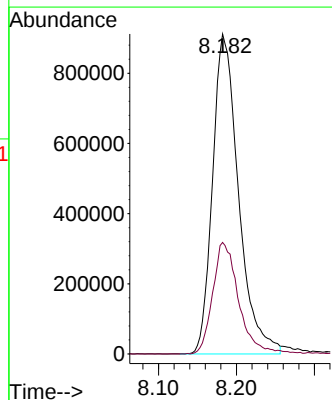
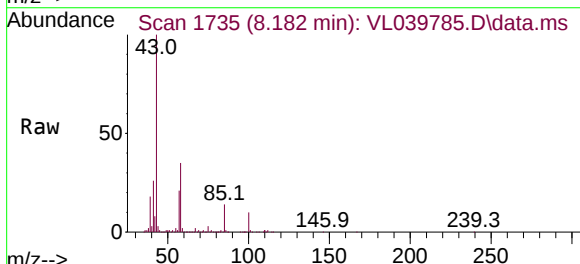
Manual Integrations
APPROVED

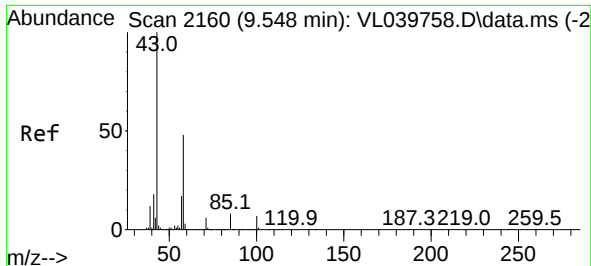
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#50
4-Methyl-2-Pentanone
Concen: 11.072 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

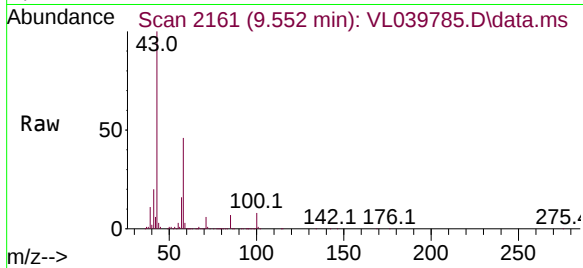
Tgt Ion: 43 Resp: 2110252
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4





#51
2-Hexanone
Concen: 11.340 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

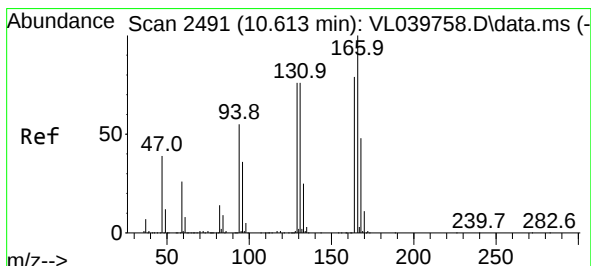
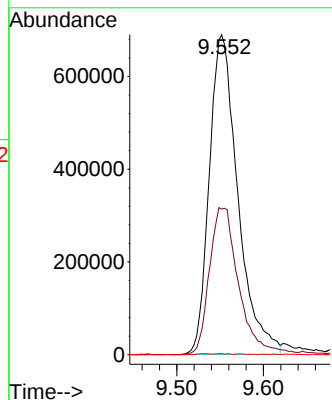
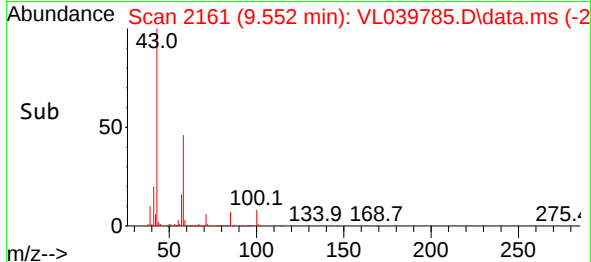
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1582218
Ion Ratio Lower Upper
43 100
58 48.1 38.1 57.1
98 0.4 0.2 0.2

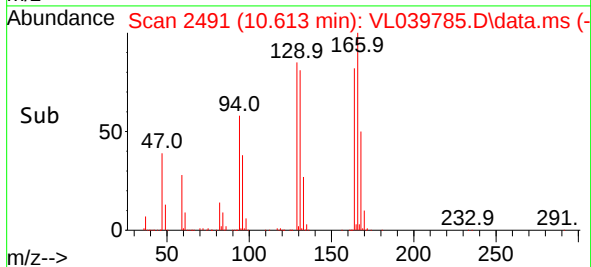
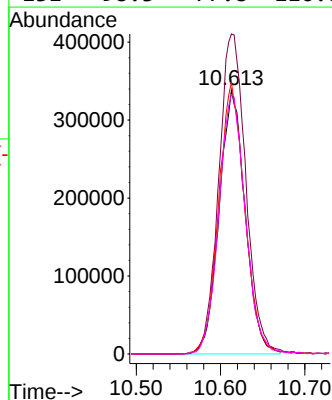
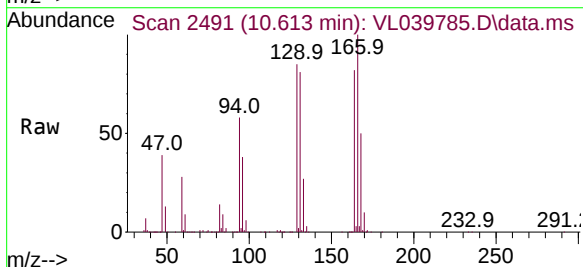
Manual Integrations
APPROVED

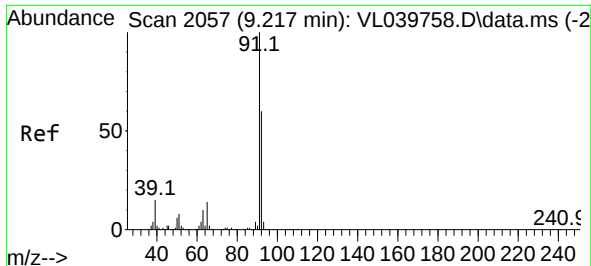
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Tetrachloroethene
Concen: 9.677 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

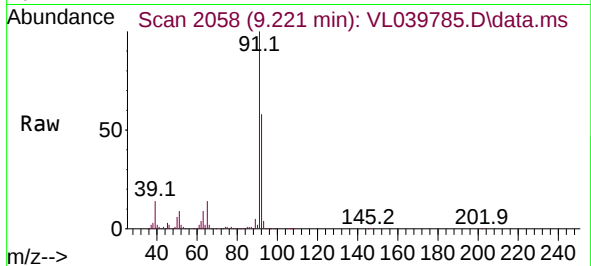
Tgt Ion:164 Resp: 720821
Ion Ratio Lower Upper
164 100
166 121.3 101.8 152.6
129 103.1 77.5 116.3
131 98.3 77.8 116.8





#53
Toluene
Concen: 10.961 ppbv
RT: 9.221 min Scan# 2057
Delta R.T. 0.004 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

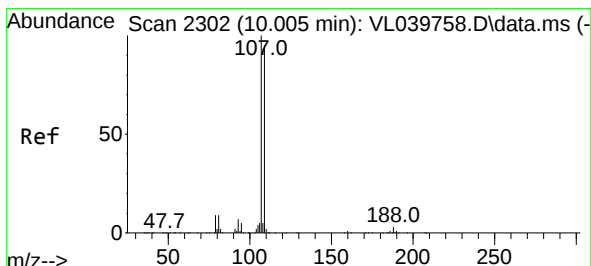
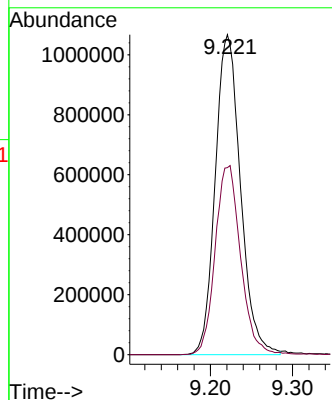
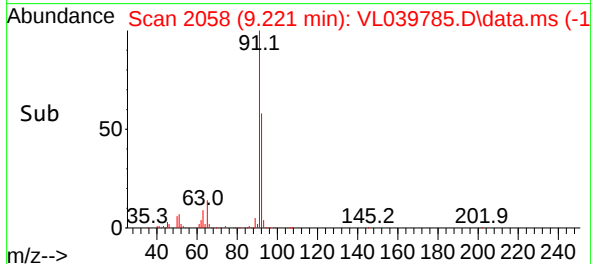
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



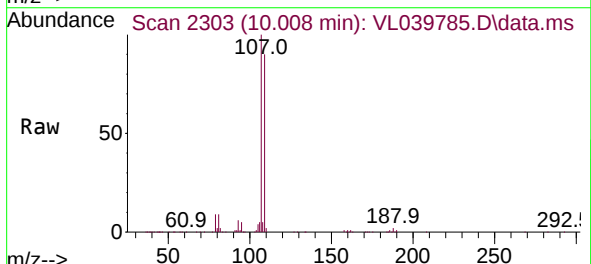
Tgt Ion: 91 Resp: 228358
Ion Ratio Lower Upper
91 100
92 59.8 48.0 72.0

Manual Integrations
APPROVED

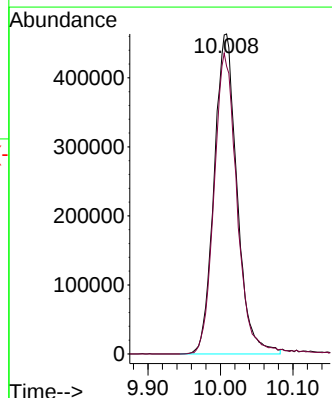
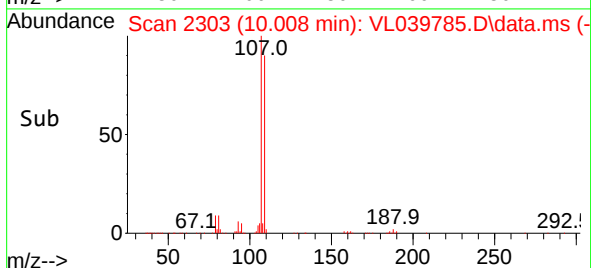
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

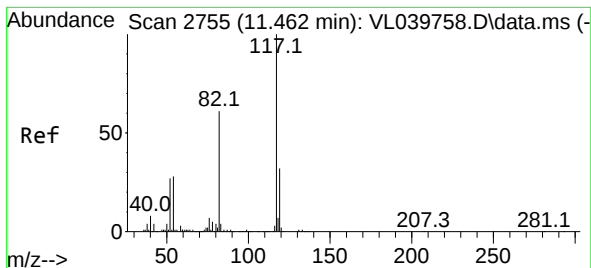


#54
1,2-Dibromoethane
Concen: 12.239 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



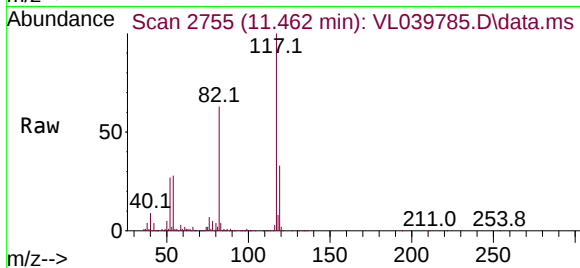
Tgt Ion:107 Resp: 1019141
Ion Ratio Lower Upper
107 100
109 89.9 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

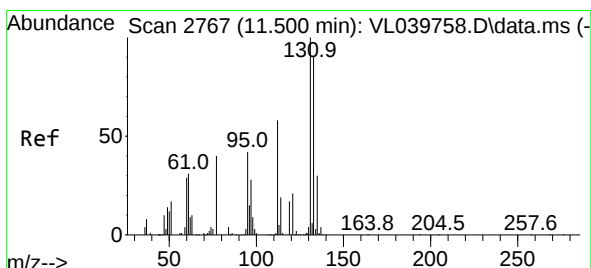
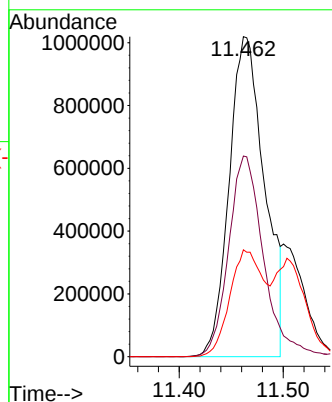
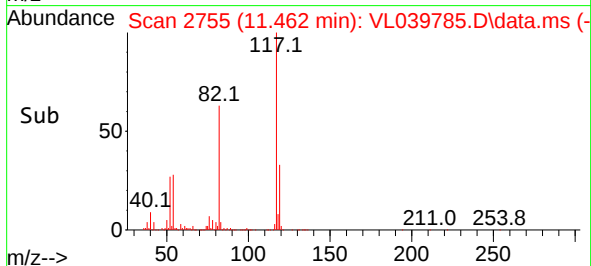
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



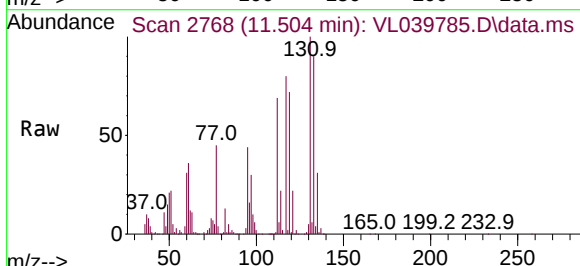
Tgt Ion:117 Resp: 241823
Ion Ratio Lower Upper
117 100
82 62.5 49.9 74.9
119 30.5 25.2 37.8

Manual Integrations
APPROVED

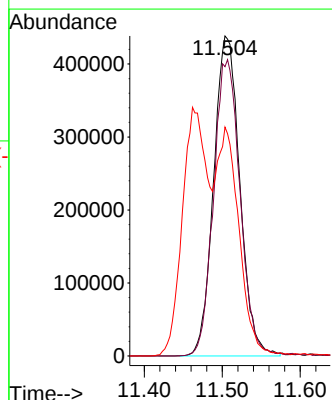
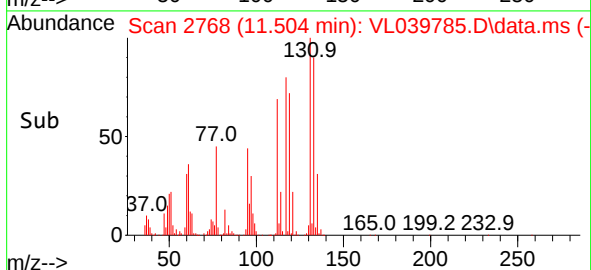
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

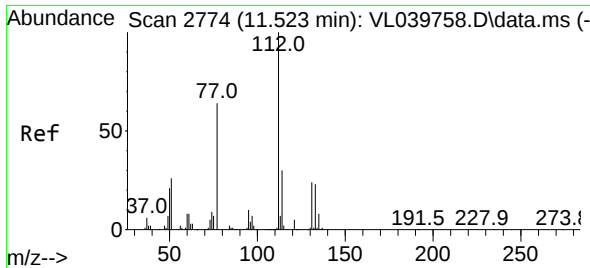


#56
1,1,1,2-Tetrachloroethane
Concen: 10.001 ppbv
RT: 11.504 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



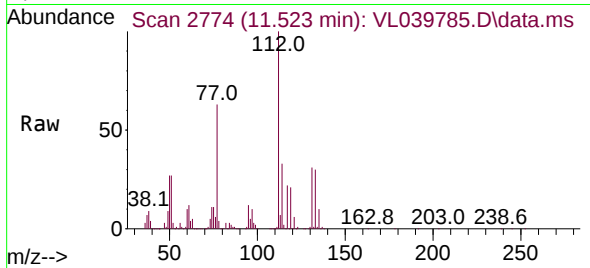
Tgt Ion:131 Resp: 1023361
Ion Ratio Lower Upper
131 100
133 93.9 77.1 115.7
119 66.3 52.0 78.0





#57
Chlorobenzene
Concen: 9.082 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

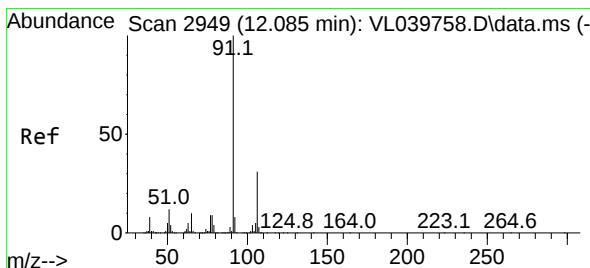
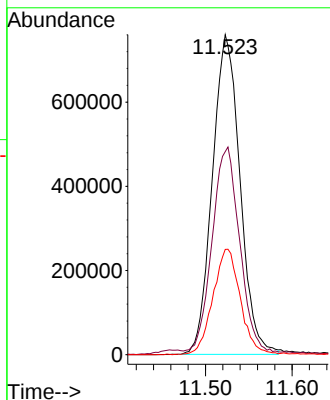
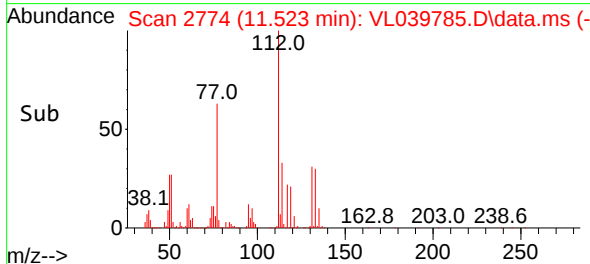
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1684674
Ion Ratio Lower Upper
112 100
77 62.6 51.5 77.3
114 32.8 27.1 33.1

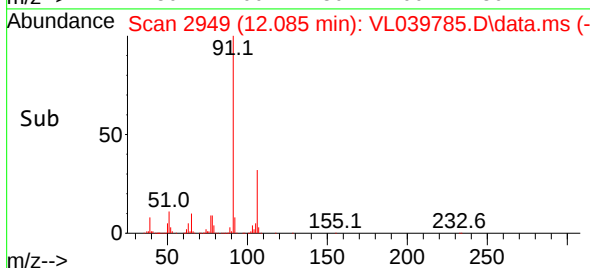
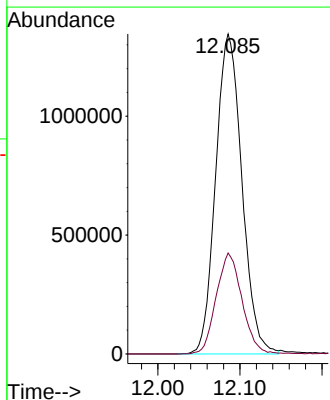
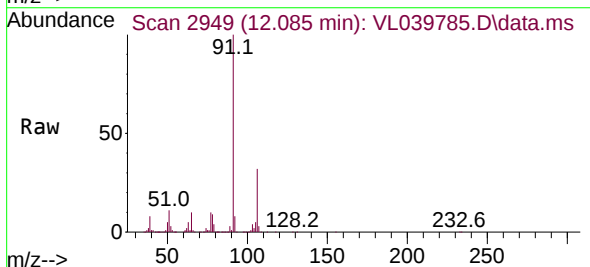
Manual Integrations
APPROVED

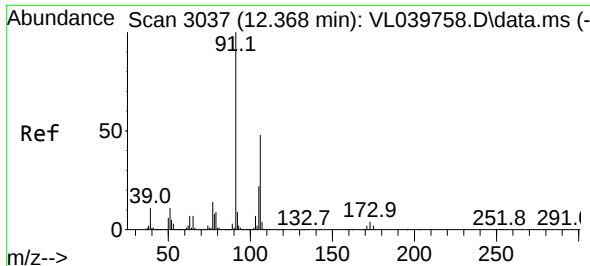
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
Ethyl Benzene
Concen: 10.867 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

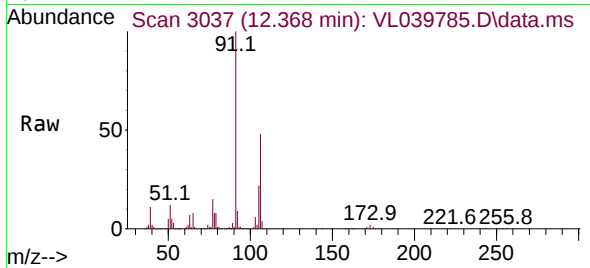
Tgt Ion: 91 Resp: 2993847
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8





#59
m/p-Xylene
Concen: 20.164 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

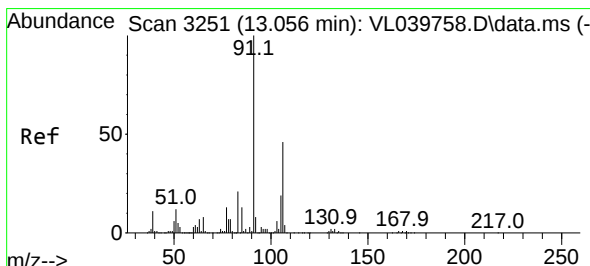
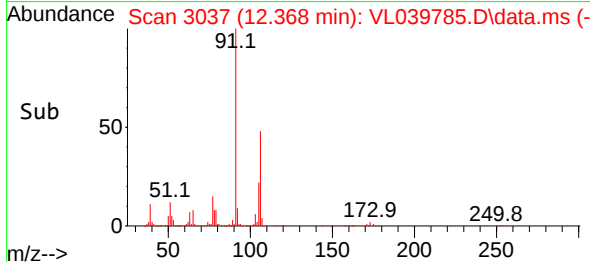
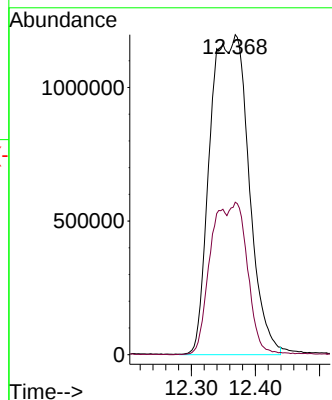
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 501370
Ion Ratio Lower Upper
91 100
106 45.1 36.4 54.6

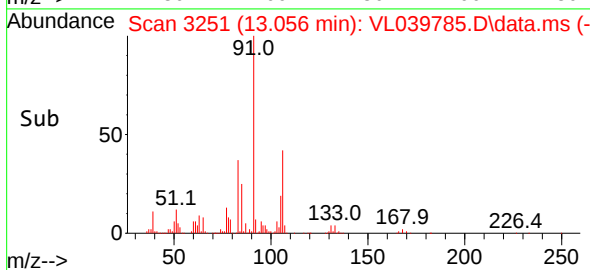
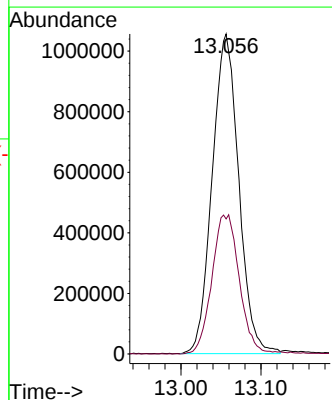
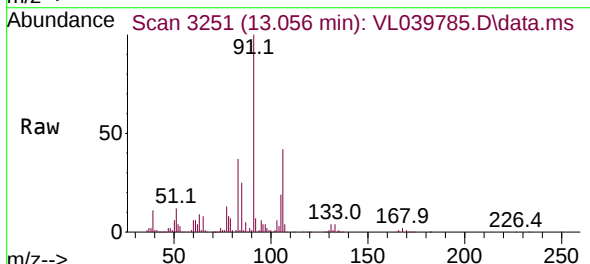
Manual Integrations
APPROVED

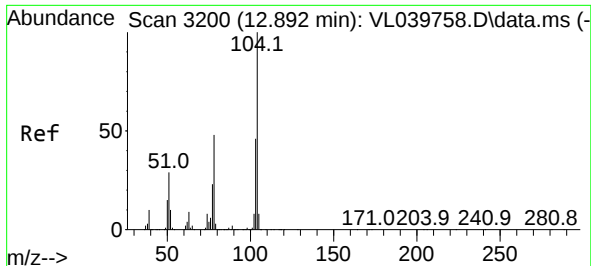
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 10.440 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

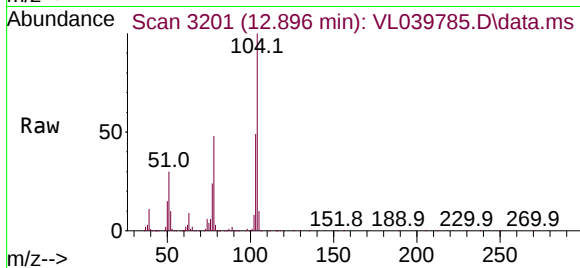
Tgt Ion: 91 Resp: 2433979
Ion Ratio Lower Upper
91 100
106 45.4 22.9 68.8





#61
Styrene
Concen: 11.308 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

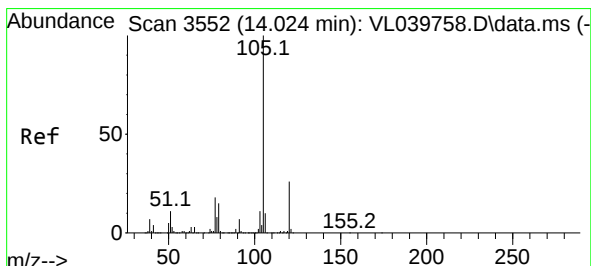
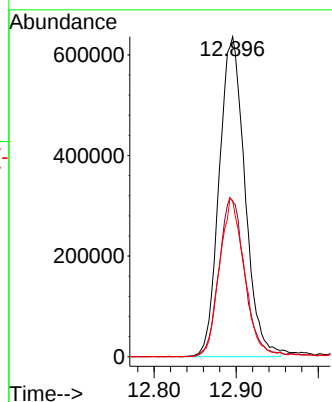
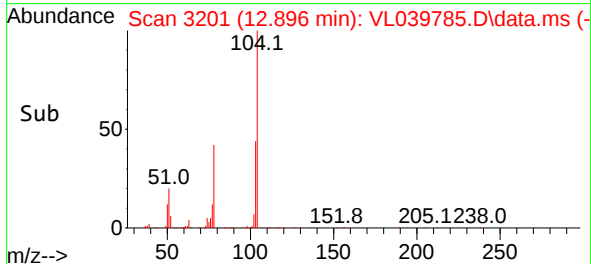
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:104 Resp: 1384570
Ion Ratio Lower Upper
104 100
78 50.6 39.9 59.9
103 49.1 38.8 58.2

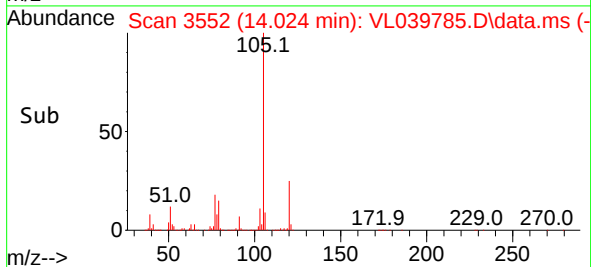
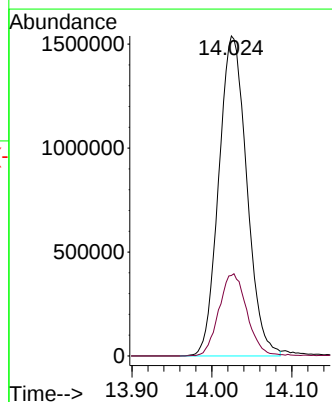
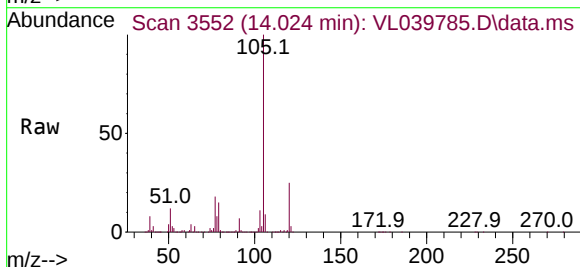
Manual Integrations
APPROVED

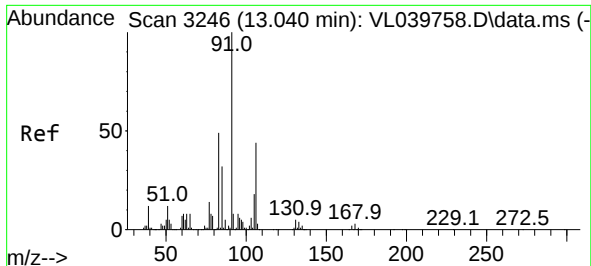
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
Isopropylbenzene
Concen: 10.501 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

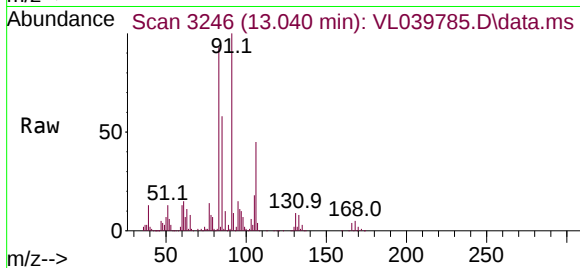
Tgt Ion:105 Resp: 3740375
Ion Ratio Lower Upper
105 100
120 26.0 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 14.242 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

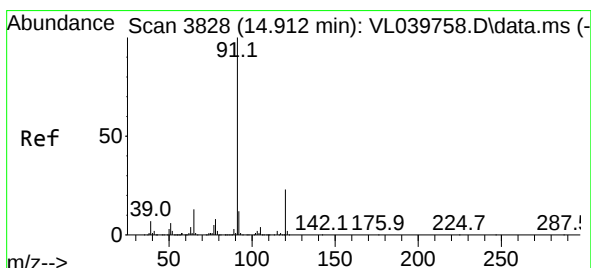
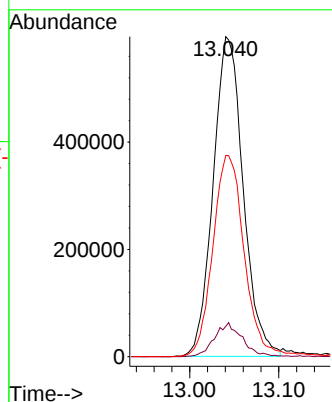
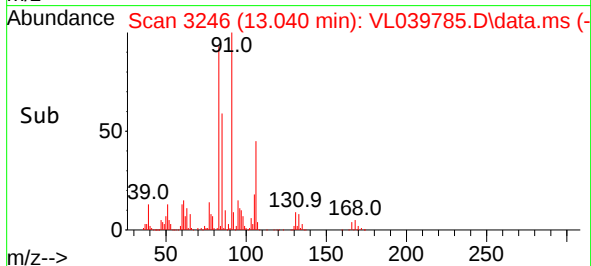
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



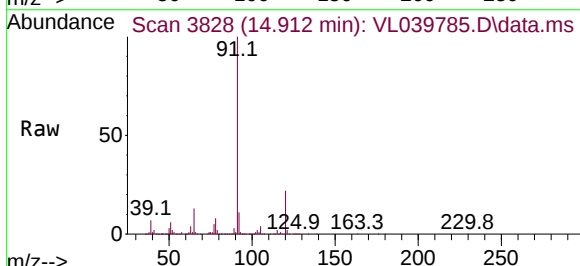
Tgt Ion: 83 Resp: 1396579
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 66.9 33.6 100.6

Manual Integrations
APPROVED

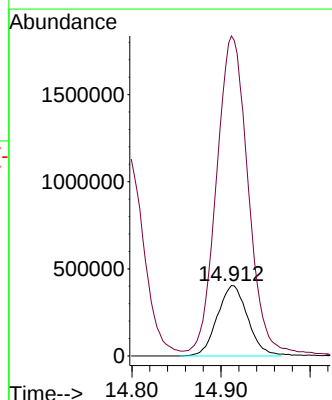
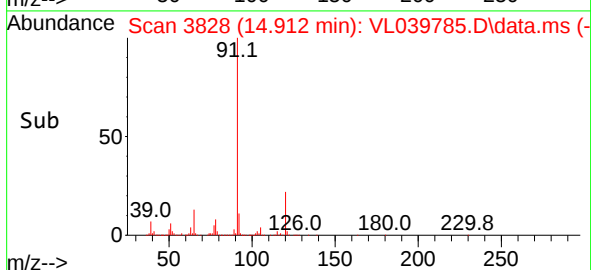
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

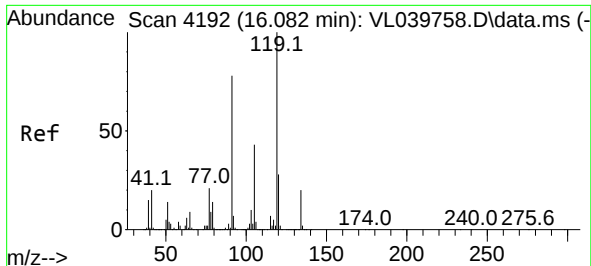


#64
n-propylbenzene
Concen: 10.602 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



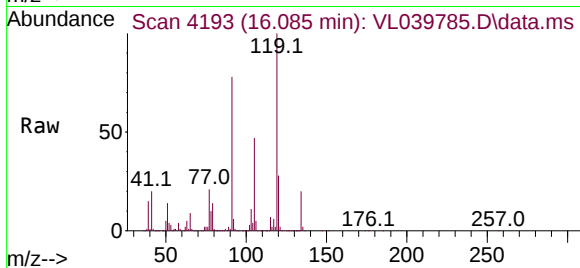
Tgt Ion:120 Resp: 956243
Ion Ratio Lower Upper
120 100
91 480.0 386.6 579.8





#65
tert-Butylbenzene
Concen: 10.669 ppbv
RT: 16.085 min Scan# 4192
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

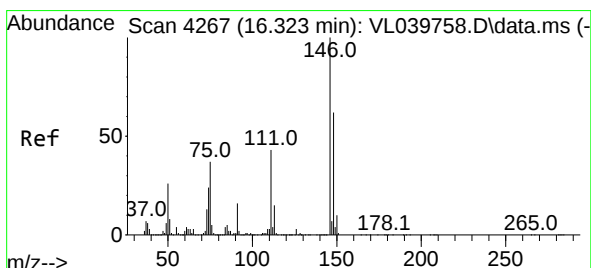
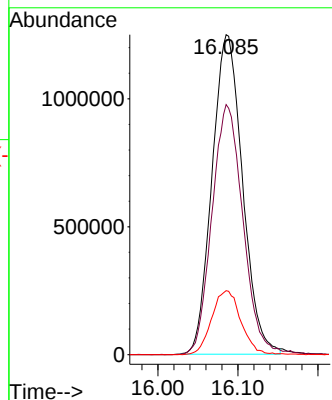
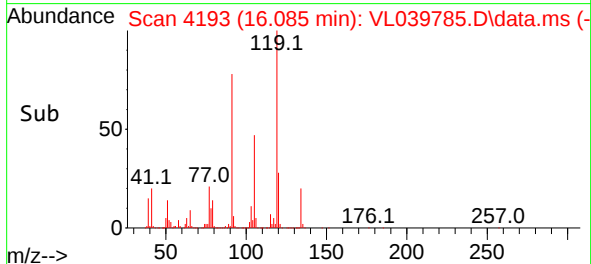
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



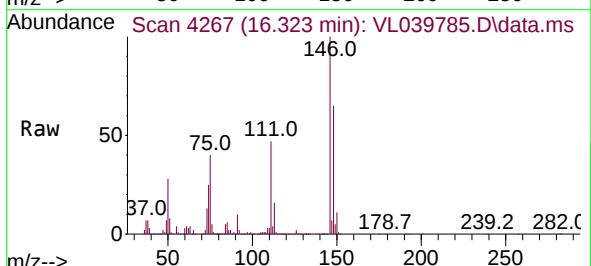
Tgt Ion: 119 Resp: 331158
Ion Ratio Lower Upper
119 100
91 79.6 63.3 94.9
134 19.4 15.5 23.3

Manual Integrations
APPROVED

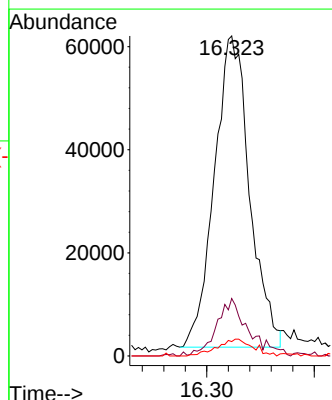
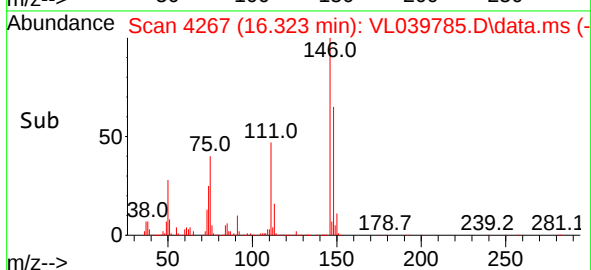
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

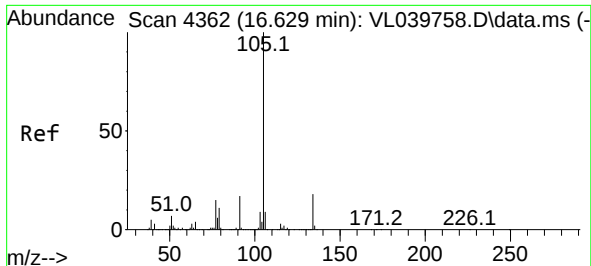


#66
Benzyl Chloride
Concen: 6.242 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



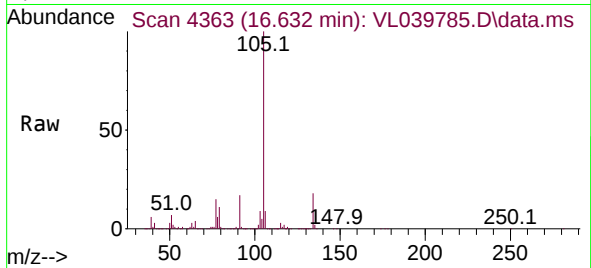
Tgt Ion: 91 Resp: 137427
Ion Ratio Lower Upper
91 100
126 17.3 13.8 20.6
128 5.4 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 10.727 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

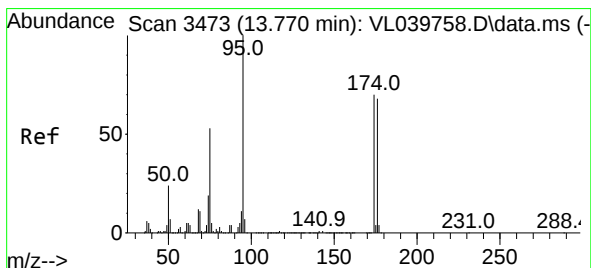
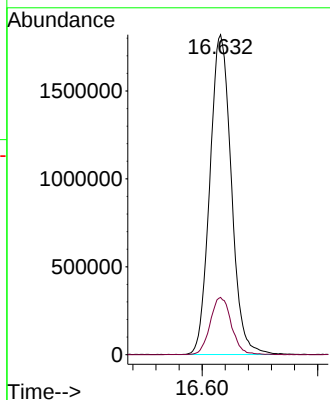
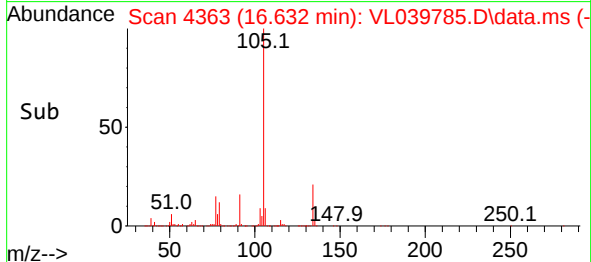
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



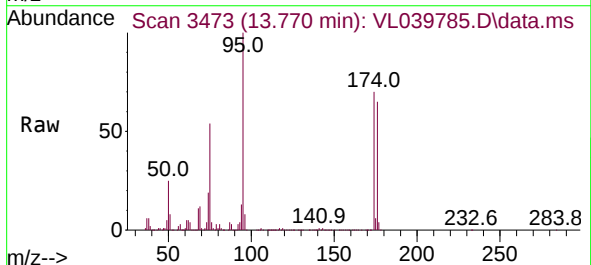
Tgt Ion:105 Resp: 468976
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

Manual Integrations
 APPROVED

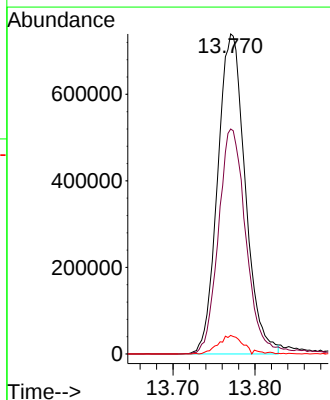
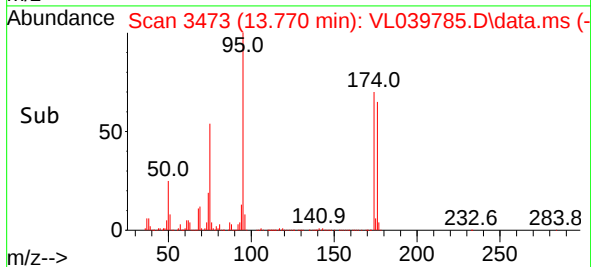
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

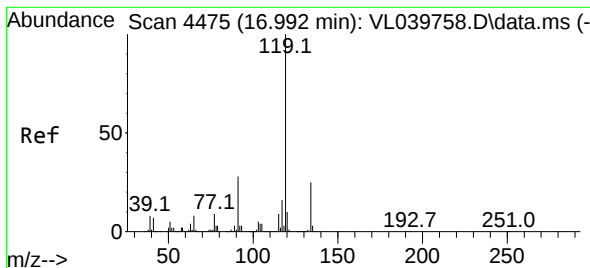


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.032 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40



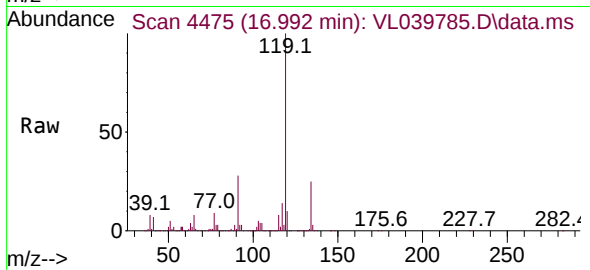
Tgt Ion: 95 Resp: 1725780
 Ion Ratio Lower Upper
 95 100
 174 71.8 57.3 85.9
 175 5.5 4.2 6.2





#69
p-Isopropyltoluene
Concen: 10.982 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

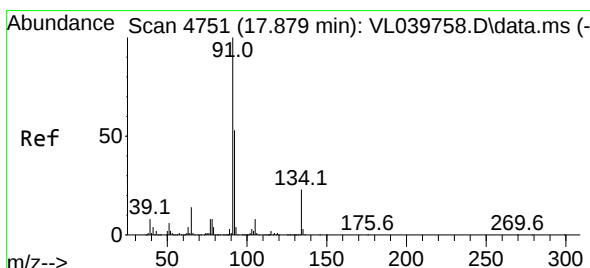
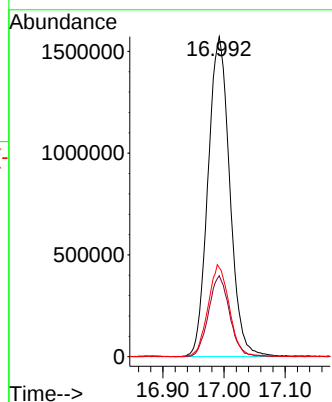
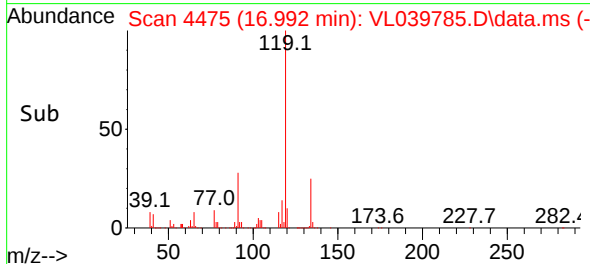
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



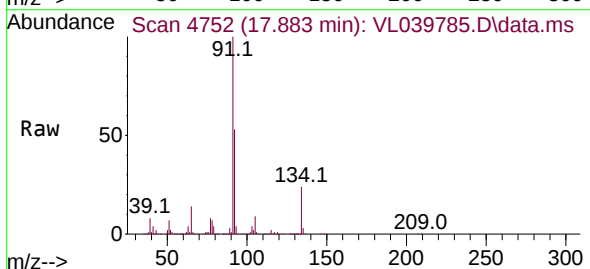
Tgt Ion:119 Resp: 388386
Ion Ratio Lower Upper
119 100
134 24.6 19.8 29.6
91 28.1 22.2 33.2

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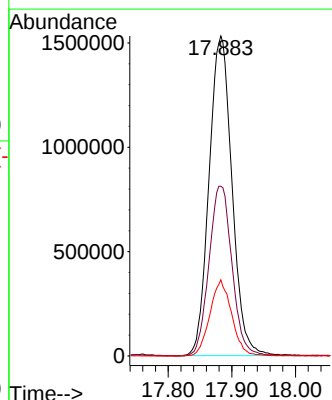
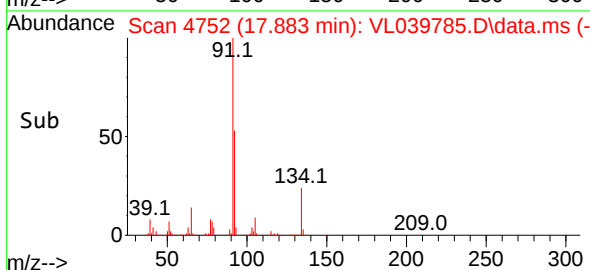
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

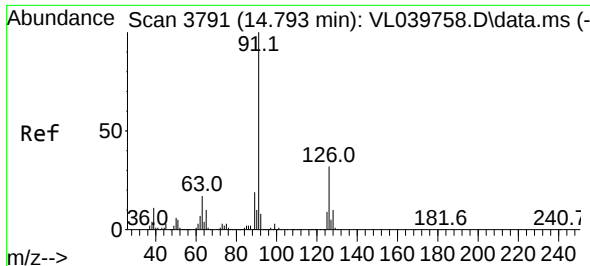


#70
n-Butylbenzene
Concen: 11.342 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



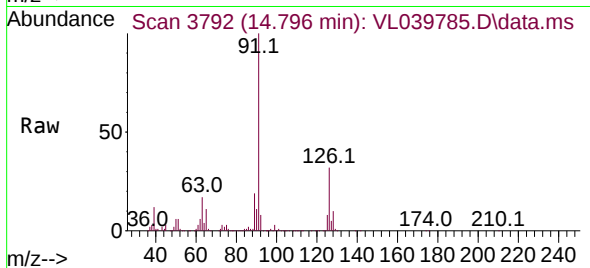
Tgt Ion: 91 Resp: 3835734
Ion Ratio Lower Upper
91 100
92 53.7 43.0 64.6
134 22.7 18.5 27.7





#71
2-Chlorotoluene
Concen: 11.008 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

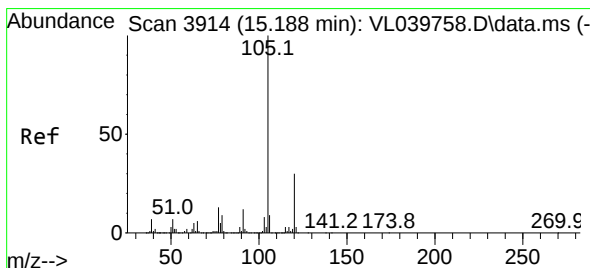
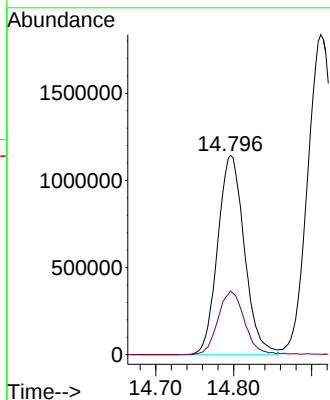
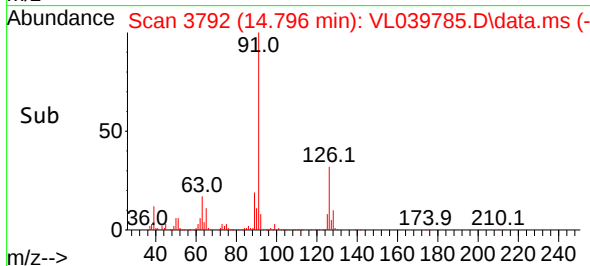
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



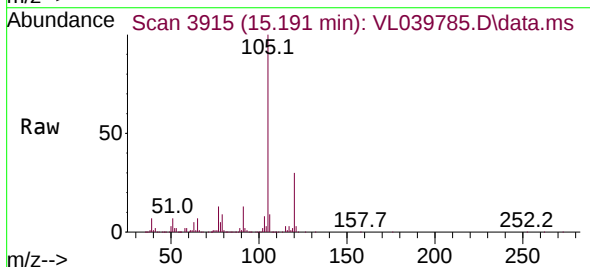
Tgt Ion: 91 Resp: 2723350
Ion Ratio Lower Upper
91 100
126 32.3 13.0 52.0

Manual Integrations
APPROVED

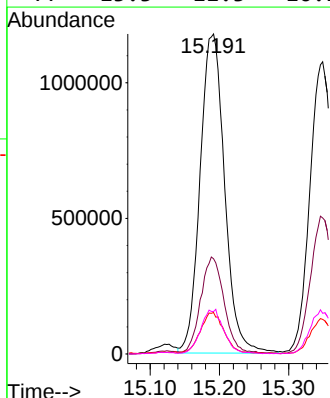
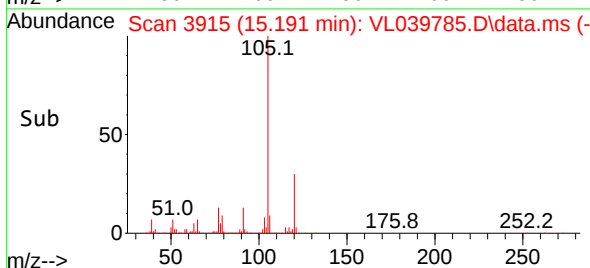
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

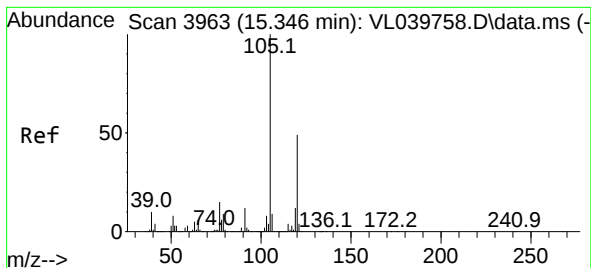


#72
4-Ethyltoluene
Concen: 10.778 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



Tgt Ion:105 Resp: 2894762
Ion Ratio Lower Upper
105 100
120 29.4 25.0 37.6
91 13.5 10.2 15.2
77 13.3 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 10.807 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2597654

Ion Ratio Lower Upper

105 100

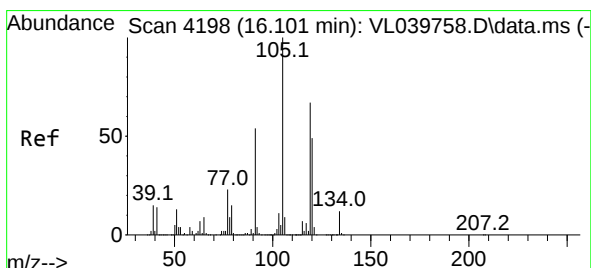
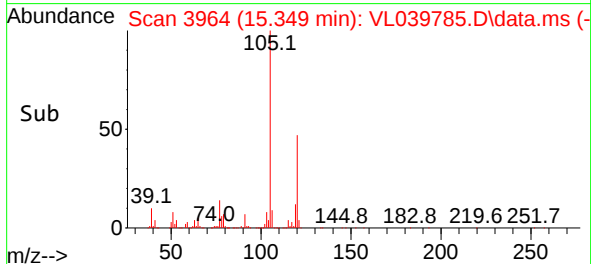
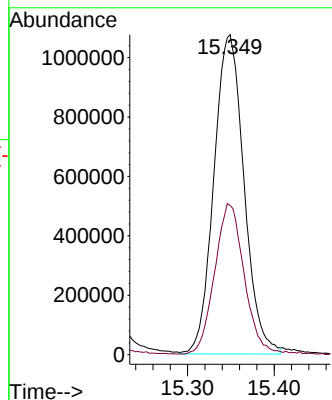
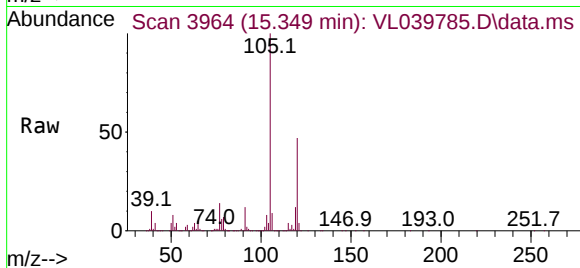
120 46.6 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.203 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL039785.D

Acq: 25 Oct 2022 9:40

Tgt Ion:105 Resp: 2777318

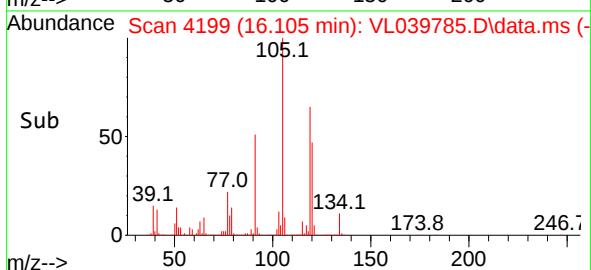
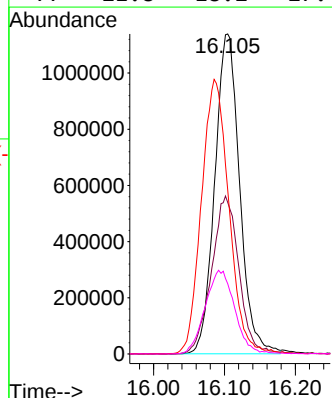
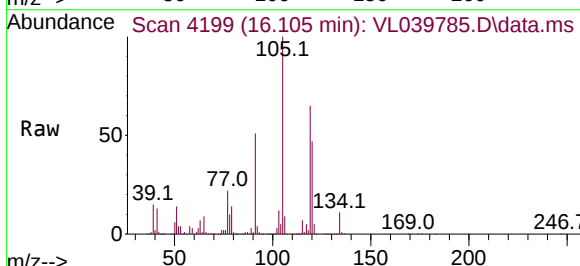
Ion Ratio Lower Upper

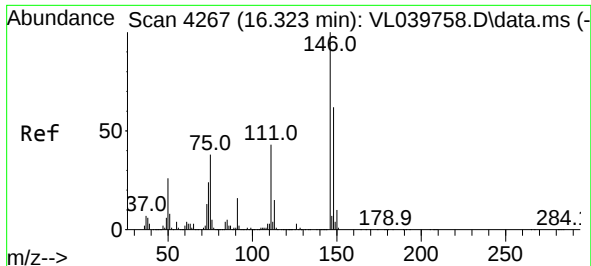
105 100

120 47.2 39.6 59.4

91 50.8 42.9 64.3

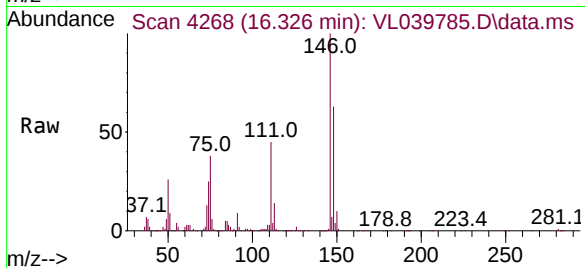
77 21.8 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 9.712 ppbv
RT: 16.326 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

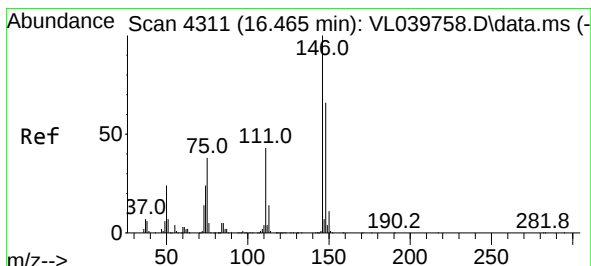
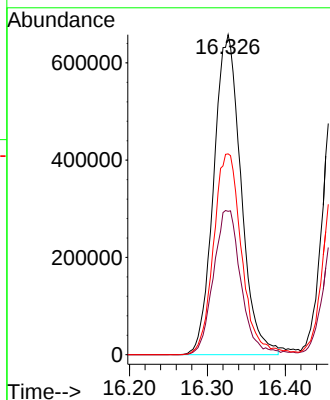
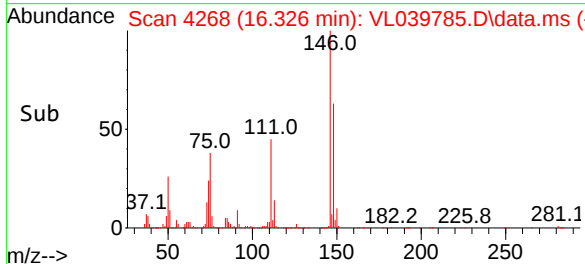
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



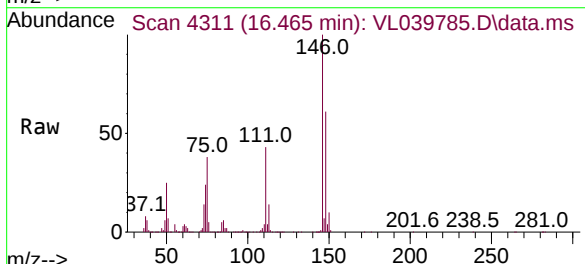
Tgt Ion:146 Resp: 160453
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.3
148 64.5 32.4 97.0

Manual Integrations
APPROVED

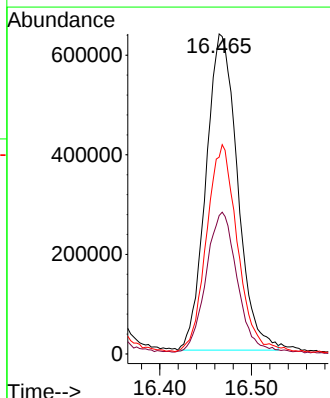
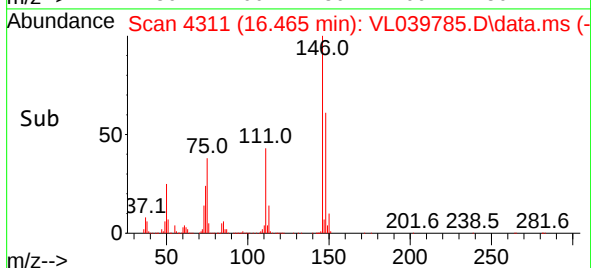
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

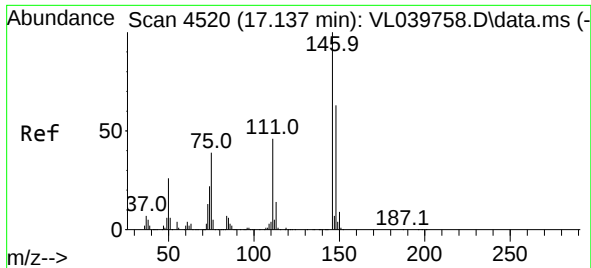


#76
1,4-Dichlorobenzene
Concen: 9.631 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



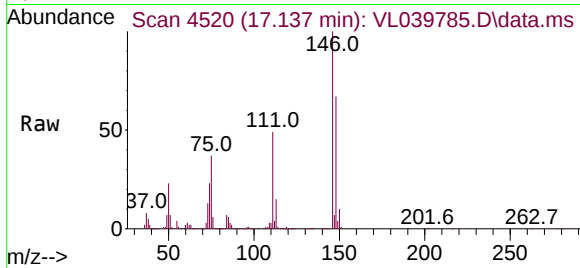
Tgt Ion:146 Resp: 1517423
Ion Ratio Lower Upper
146 100
111 45.7 22.0 66.0
148 67.0 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.943 ppbv
RT: 17.137 min Scan# 4520
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

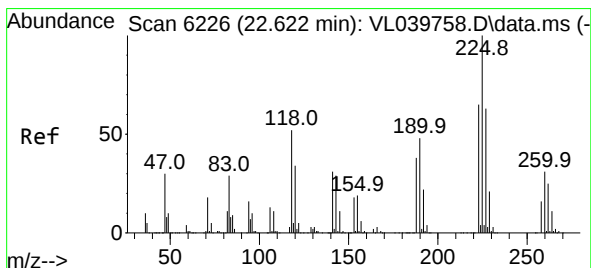
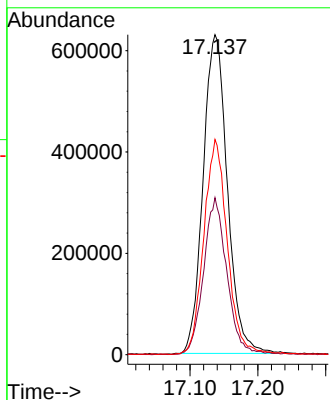
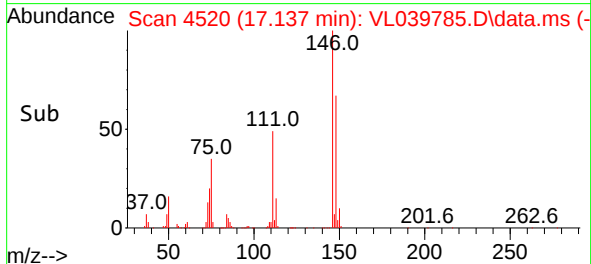
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



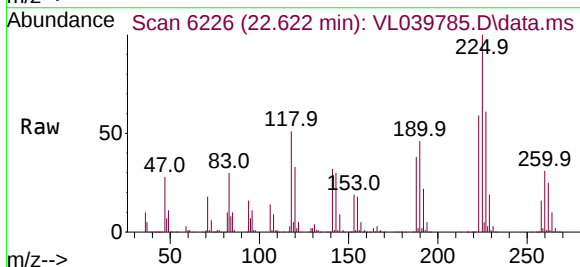
Tgt Ion:146 Resp: 1566489
Ion Ratio Lower Upper
146 100
111 47.2 23.8 71.4
148 65.5 32.3 96.9

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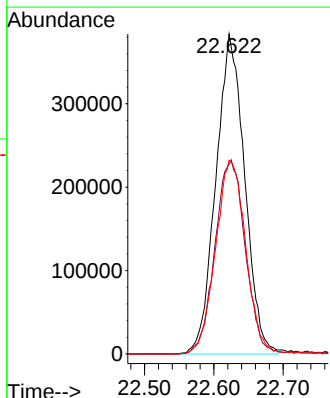
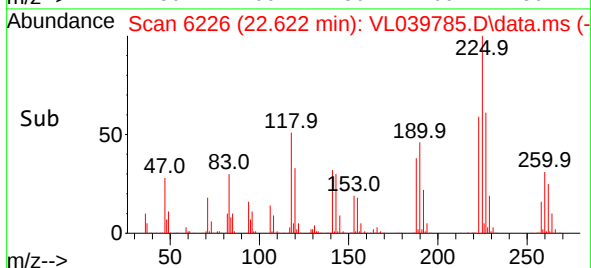
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

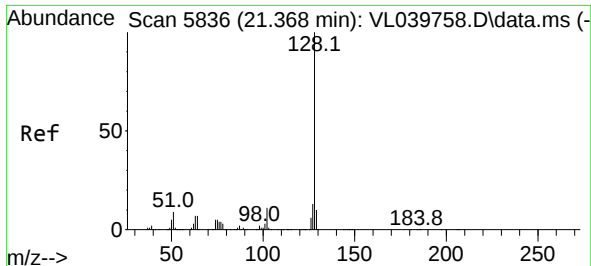


#78
Hexachloro-1,3-Butadiene
Concen: 9.210 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



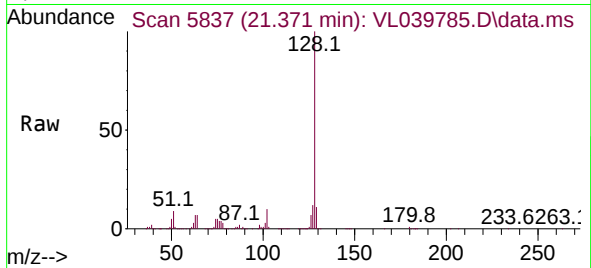
Tgt Ion:225 Resp: 1105717
Ion Ratio Lower Upper
225 100
223 63.8 50.8 76.2
227 63.8 51.0 76.4





#79
Naphthalene
Concen: 11.895 ppbv
RT: 21.371 min Scan# 5836
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40

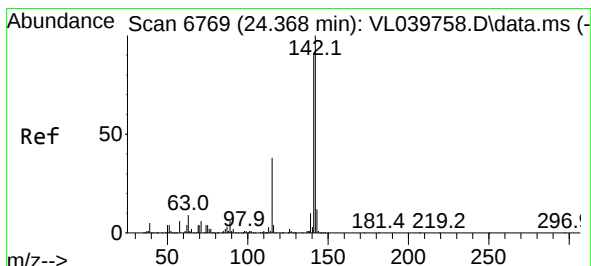
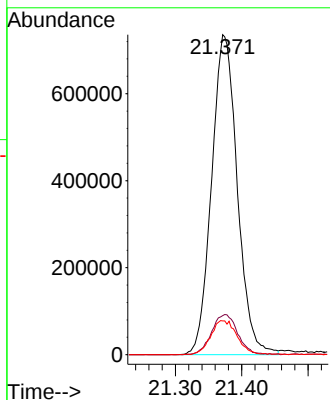
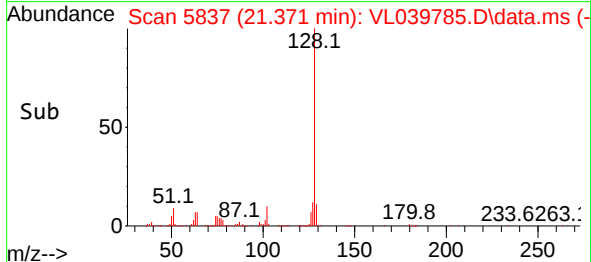
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



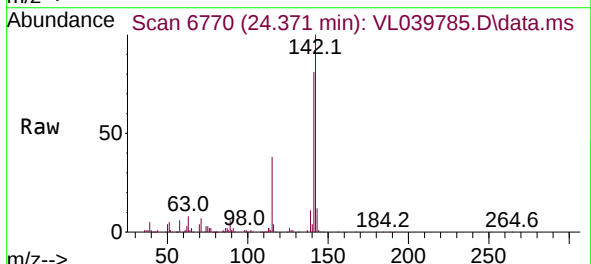
Tgt Ion:128 Resp: 1979994
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 10.5 8.4 12.6

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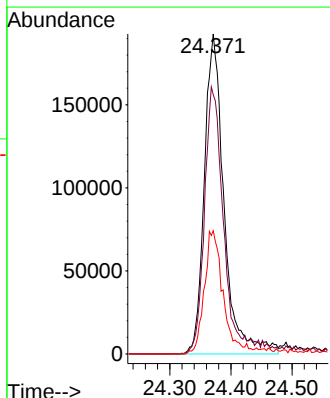
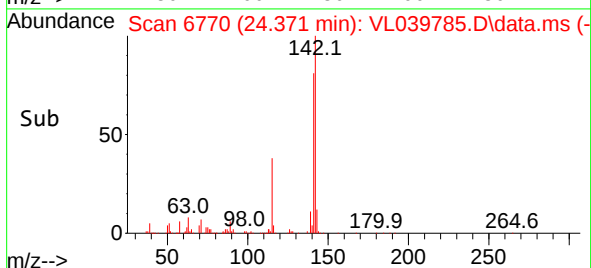
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

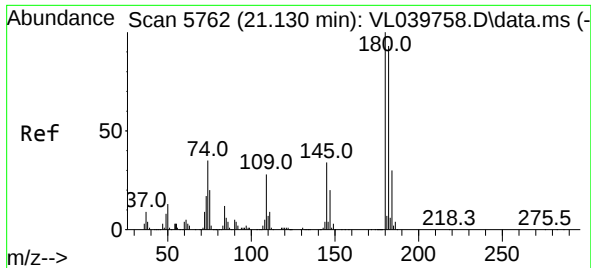


#80
Naphthalene,2-methyl-
Concen: 7.641 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039785.D
Acq: 25 Oct 2022 9:40



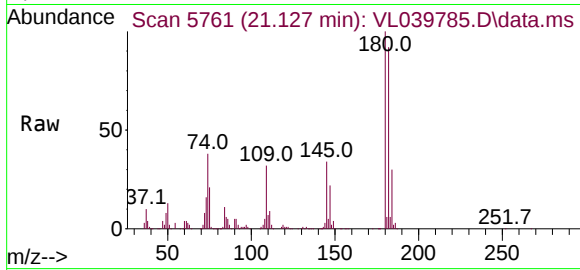
Tgt Ion:142 Resp: 431916
Ion Ratio Lower Upper
142 100
141 80.9 65.7 98.5
115 37.8 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 10.251 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL039785.D
 Acq: 25 Oct 2022 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1127678
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.5 116.3
 184 30.6 24.6 36.8

Manual Integrations
 APPROVED

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

