

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037765.D
 Acq On : 4 Oct 2021 18:40
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100421

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 10/05/2021
 Supervised By : Semsettin Yesilyurt 10/05/2021

Quant Time: Oct 04 19:12:05 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021

QLast Update : Mon Oct 04 17:43:54 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1464448	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	4292340	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	4076556m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 2844433 9.98 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	2823505	12.07	ppbv	96
3) Chlorodifluoromethane	2.989	51	2584778	9.19	ppbv	99
4) Chloromethane	3.140	50	967963	9.39	ppbv	99
5) Vinyl Chloride	3.256	62	947411	10.03	ppbv	96
6) Bromomethane	3.475	94	493506	9.66	ppbv	99
7) Chloroethane	3.558	64	336112	9.68	ppbv	95
8) Dichlorotetrafluoroethane	3.189	85	2188252	9.46	ppbv	99
9) Propene	3.009	41	983198	9.50	ppbv	98
10) Heptane	8.121	43	2341637	9.96	ppbv	100
11) Trichlorofluoromethane	3.951	101	1968156	9.43	ppbv	100
12) 1,1,2-Trichlorotrifluoro...	4.484	101	1481725	9.37	ppbv	99
13) Ethanol	3.613	45	87832m	10.37	ppbv	
14) Bromoethene	3.742	108	679633	9.78	ppbv	94
15) Acetone	3.848	43	1113111	8.47	ppbv	99
16) 1,3-Butadiene	3.327	39	901444	9.42	ppbv	95
17) tert-Butyl alcohol	4.285	59	1342246	9.91	ppbv	99
18) 1,1-Dichloroethene	4.288	96	671819	9.35	ppbv	98
19) Isopropyl Alcohol	3.964	45	794360	9.71	ppbv #	98
20) Methylene Chloride	4.346	84	582435	8.77	ppbv	98
21) Allyl Chloride	4.410	41	1094545	9.40	ppbv	96
22) trans-1,2-Dichloroethene	4.883	96	696909	9.65	ppbv	97
23) Vinyl Acetate	5.073	43	2196748	11.15	ppbv	99
24) 1,1-Dichloroethane	5.009	63	1435599	10.01	ppbv	99
25) Ethyl Acetate	5.677	43	3652717	9.90	ppbv	99
26) Hexane	5.687	57	1728732	9.52	ppbv	99
27) Carbon Disulfide	4.552	76	1714548	10.65	ppbv	98
28) Methyl tert-Butyl Ether	5.034	73	1643384	10.87	ppbv	98
29) Chloroform	5.751	83	2438590	9.39	ppbv	99
30) Cyclohexane	7.127	84	1482710	9.63	ppbv	98
31) cis-1,2-Dichloroethene	5.549	61	1630116	9.89	ppbv	96
32) 1,1,1-Trichloroethane	6.510	97	2361324	9.59	ppbv	99
34) 2-Butanone	5.243	43	1643692	9.49	ppbv	100
35) Carbon Tetrachloride	7.018	117	2421360	9.93	ppbv	99
36) Benzene	6.889	78	3592798	9.80	ppbv	99
37) 1,2-Dichloroethane	6.308	62	1707869	9.89	ppbv	100
38) Trichloroethene	7.835	130	1388227	9.58	ppbv	99
39) 1,2-Dichloropropane	7.613	63	1381214	10.02	ppbv	96
40) 1,4-Dioxane	7.832	88	330969m	9.59	ppbv	
41) Tetrahydrofuran	6.050	42	879669	10.37	ppbv	98
42) Bromodichloromethane	7.790	83	2593402	10.23	ppbv	98
43) Methyl Methacrylate	8.015	69	1289237	10.77	ppbv	99
44) 2,2,4-Trimethylpentane	7.870	57	5977735	9.70	ppbv	100
45) t-1,3-Dichloropropene	9.282	75	979890	11.89	ppbv	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M

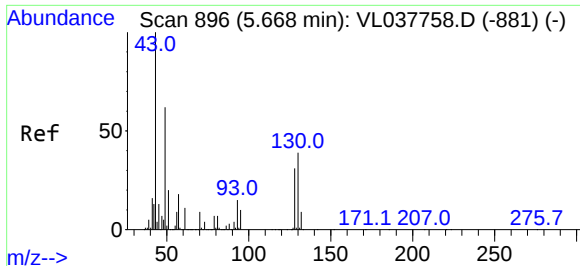
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021

QLast Update : Mon Oct 04 17:43:54 2021

Response via : Initial Calibration

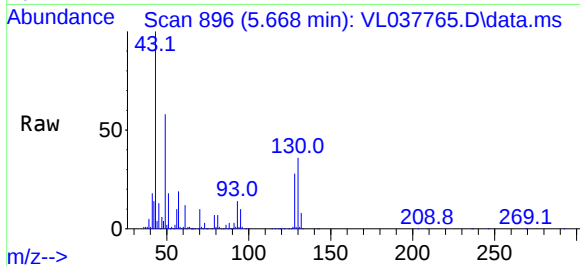
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1287621	11.27	ppbv	99
47) 1,1,2-Trichloroethane	9.475	97	1431840	9.55	ppbv	98
48) Dibromochloromethane	10.304	129	2294635	10.74	ppbv	100
49) Bromoform	13.040	173	1942046	11.88	ppbv	98
50) 4-Methyl-2-Pentanone	8.742	43	2415035	10.71	ppbv	100
51) 2-Hexanone	10.134	43	1127555	11.20	ppbv	100
52) Tetrachloroethene	11.224	164	1313972	9.21	ppbv	96
53) Toluene	9.806	91	4122591	10.15	ppbv	100
54) 1,2-Dibromoethane	10.613	107	2018605	9.97	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.124	131	1598594	9.47	ppbv	97
57) Chlorobenzene	12.147	112	3044811	9.10	ppbv	97
58) Ethyl Benzene	12.709	91	5348051	9.77	ppbv	99
59) m/p-Xylene	12.995	91	8804704m	18.74	ppbv	
60) o-Xylene	13.690	91	4157688	9.23	ppbv	98
61) Styrene	13.526	104	2390234	10.97	ppbv	98
62) Isopropylbenzene	14.664	105	5790745	9.22	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.674	83	2965925	8.54	ppbv	99
64) n-propylbenzene	15.558	120	1547013	9.88	ppbv	90
65) tert-Butylbenzene	16.744	119	4995139	9.04	ppbv	99
66) Benzyl Chloride	16.986	91	286509m	10.50	ppbv	
67) sec-Butylbenzene	17.291	105	6947506	9.19	ppbv	100
69) p-Isopropyltoluene	17.648	119	5733393	9.38	ppbv	99
70) n-Butylbenzene	18.545	91	5540268	9.54	ppbv	100
71) 2-Chlorotoluene	15.449	91	4294748	9.68	ppbv	98
72) 4-Ethyltoluene	15.834	105	4968887	9.72	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	4448515	9.58	ppbv	97
74) 1,2,4-Trimethylbenzene	16.760	105	4487480	9.20	ppbv	96
75) 1,3-Dichlorobenzene	16.992	146	2771586	9.17	ppbv	99
76) 1,4-Dichlorobenzene	17.133	146	2675366	9.28	ppbv	99
77) 1,2-Dichlorobenzene	17.815	146	2650907	9.13	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	1847966	7.80	ppbv	99
79) Naphthalene	22.188	128	2987350	10.00	ppbv	100
80) Naphthalene,2-methyl-	24.963	142	691791	8.63	ppbv	98
81) 1,2,4-Trichlorobenzene	21.924	180	1823474	9.54	ppbv	100

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



#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument : MSVOA_L
ClientSampleId : ICVVL100421

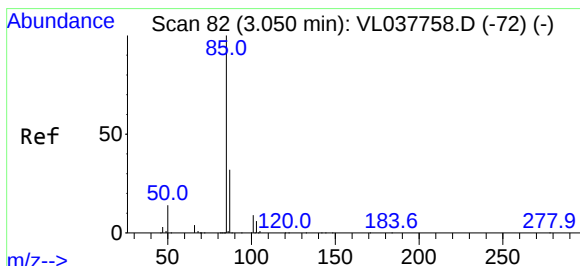
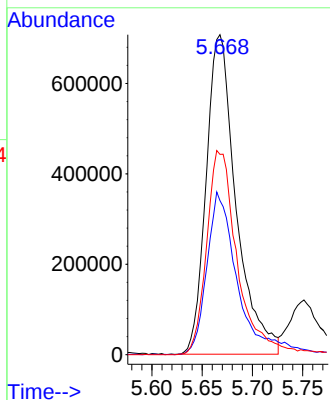
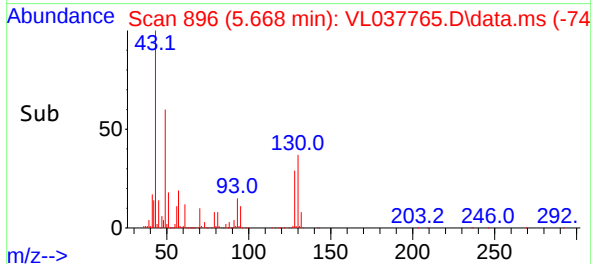


Tgt Ion: 49 Resp: 146444

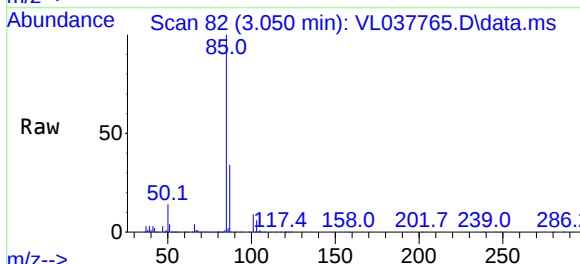
Ion	Ratio	Lower	Upper
49	100		
128	54.0	27.1	81.3
130	66.7	33.2	99.6

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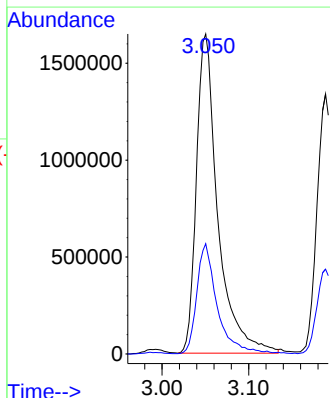
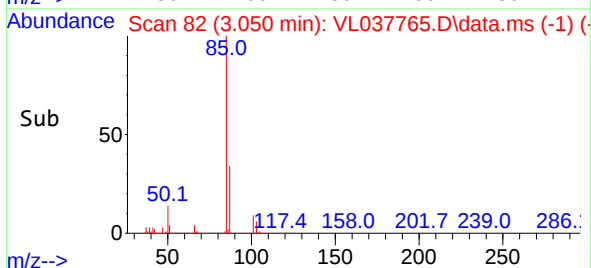


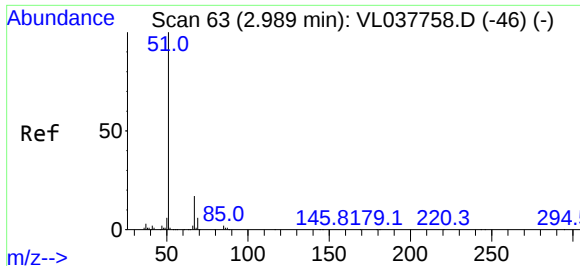
#2
Dichlorodifluoromethane
Concen: 12.07 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 85 Resp: 2823505

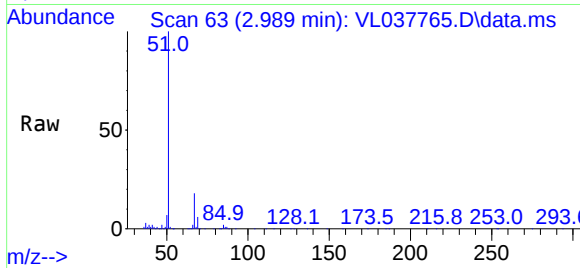
Ion	Ratio	Lower	Upper
85	100		
87	34.4	25.7	38.5





#3
Chlorodifluoromethane
Concen: 9.19 ppbv
RT: 2.989 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

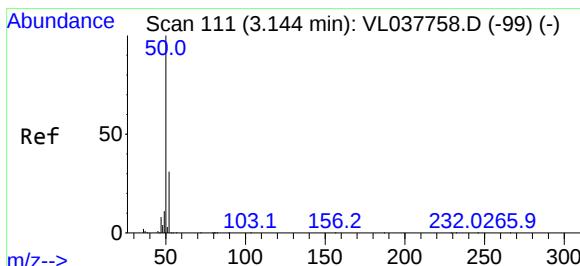
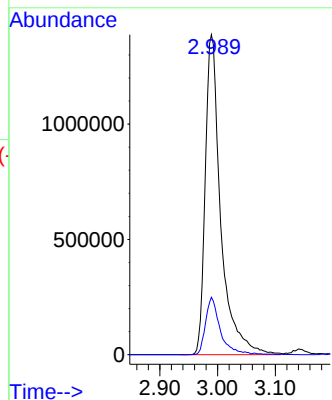
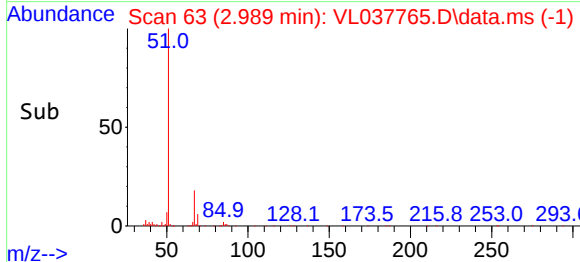
Instrument :
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ClientSampleId :
ICVVL100421



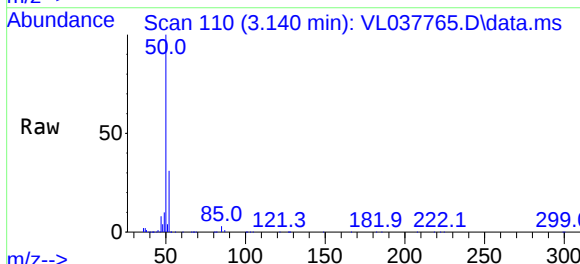
Tgt Ion: 51 Resp: 2584778
Ion Ratio Lower Upper
51 100
67 17.3 13.5 20.3

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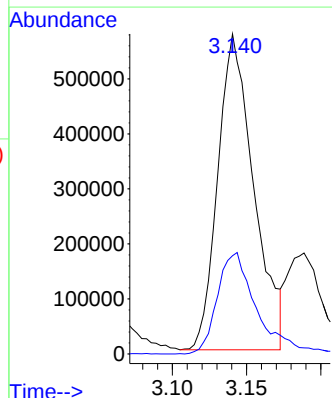
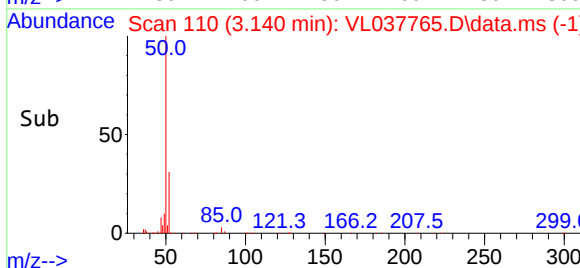
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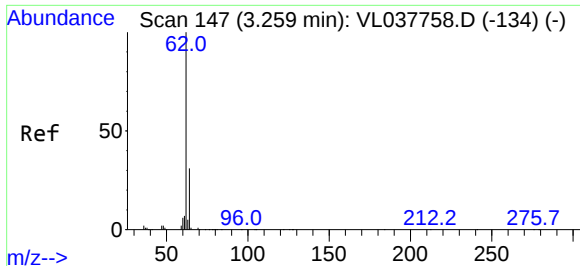


#4
Chloromethane
Concen: 9.39 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 50 Resp: 967963
Ion Ratio Lower Upper
50 100
52 31.0 24.4 36.6





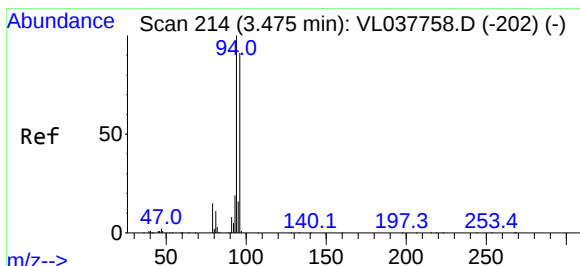
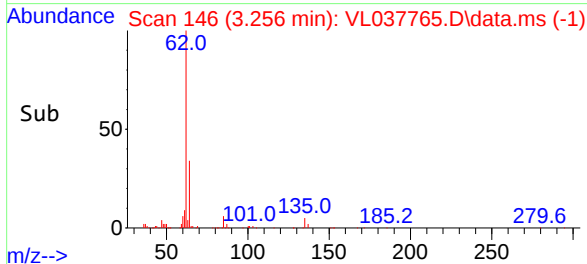
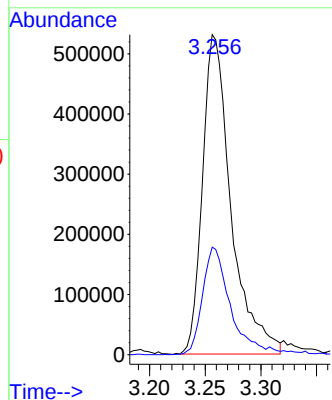
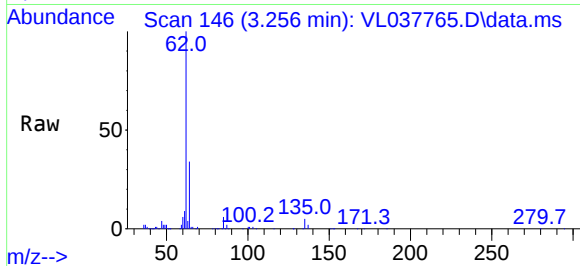
#5
 Vinyl Chloride
 Concen: 10.03 ppbv
 RT: 3.256 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100421

Tgt Ion: 62 Resp: 94741
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.9 37.3

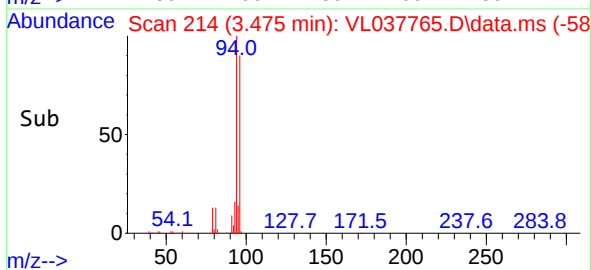
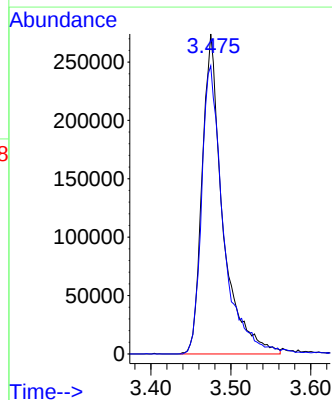
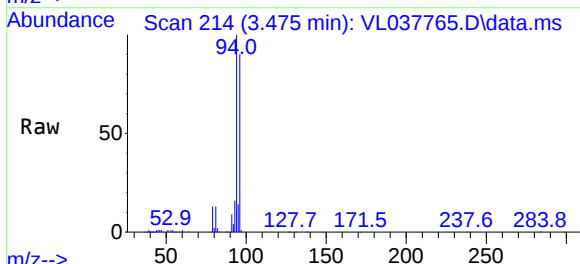
Manual Integrations
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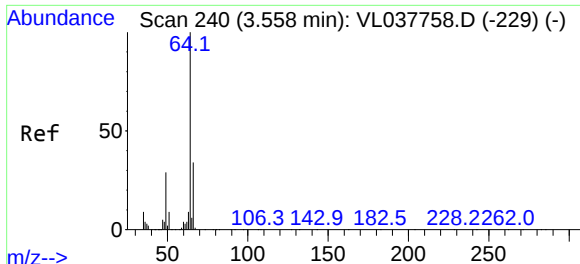
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#6
 Bromomethane
 Concen: 9.66 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

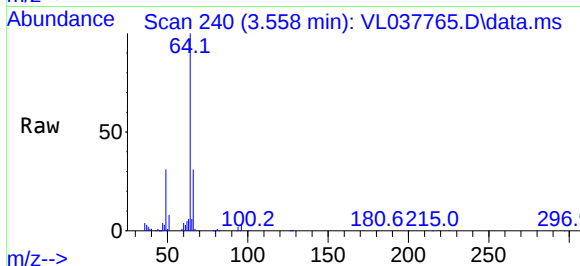
Tgt Ion: 94 Resp: 493506
 Ion Ratio Lower Upper
 94 100
 96 90.0 72.5 108.7





#7
Chloroethane
Concen: 9.68 ppbv
RT: 3.558 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

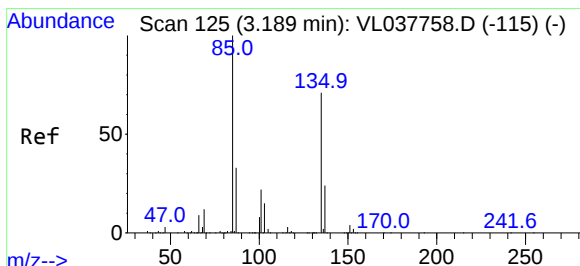
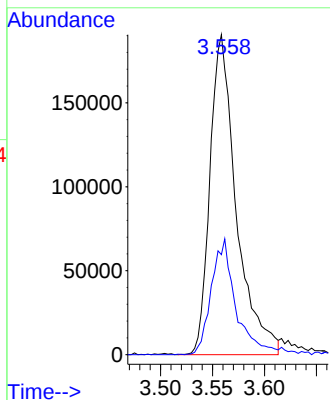
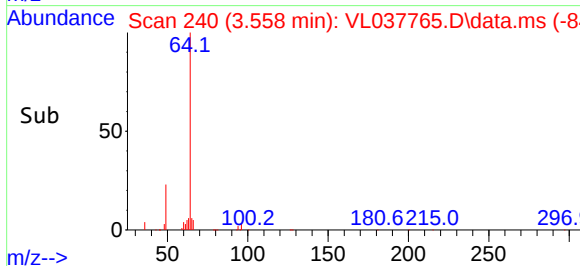
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



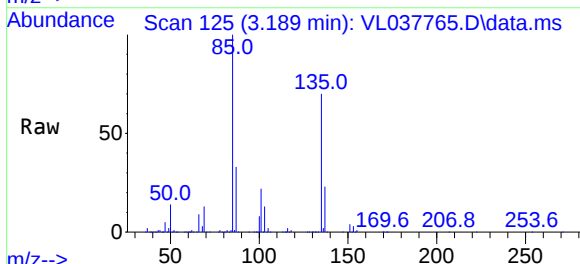
Tgt Ion: 64 Resp: 336112
Ion Ratio Lower Upper
64 100
66 31.3 27.5 41.3

Manual Integrations
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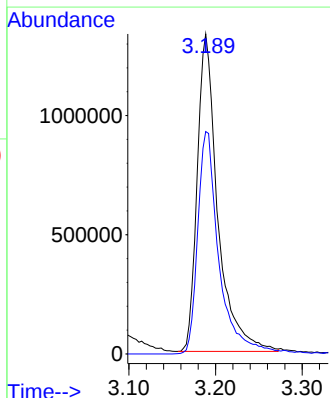
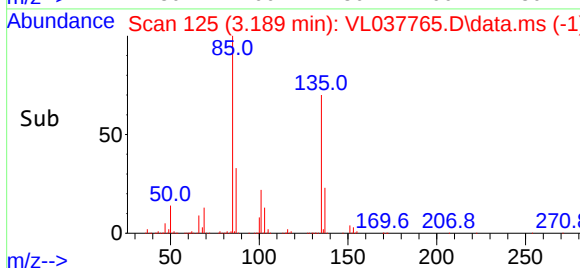
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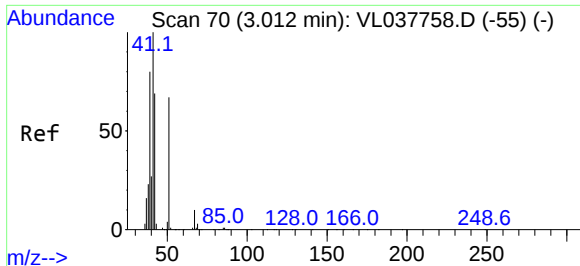


#8
Dichlorotetrafluoroethane
Concen: 9.46 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 85 Resp: 2188252
Ion Ratio Lower Upper
85 100
135 73.7 59.5 89.3





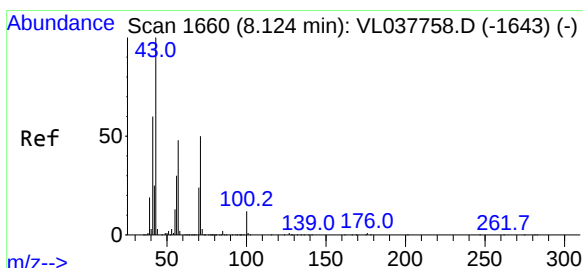
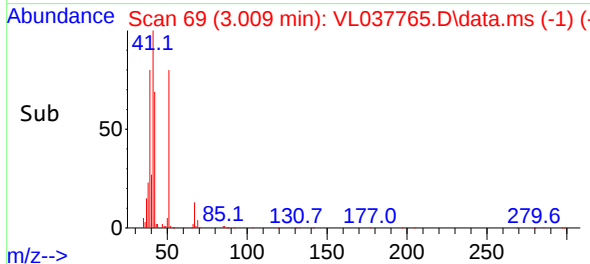
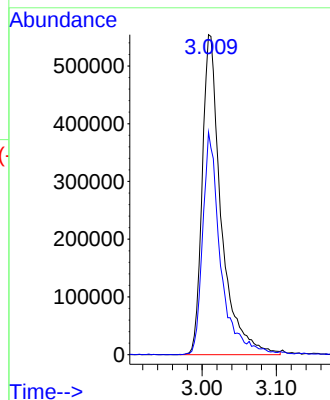
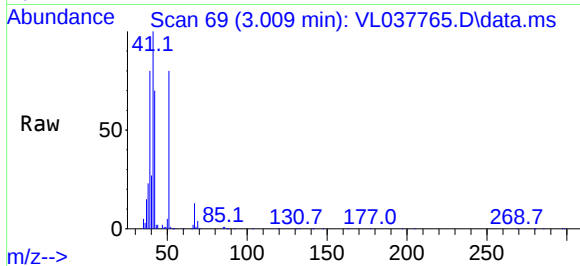
#9
 Propene
 Concen: 9.50 ppbv
 RT: 3.009 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100421

Tgt Ion: 41 Resp: 983198
 Ion Ratio Lower Upper
 41 100
 42 66.4 54.2 81.2

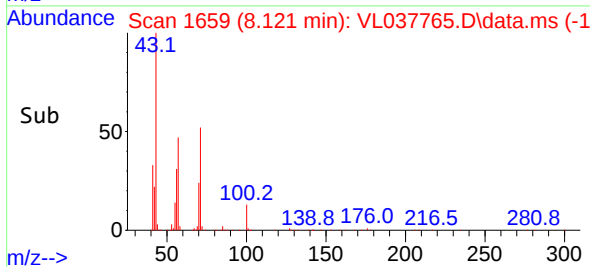
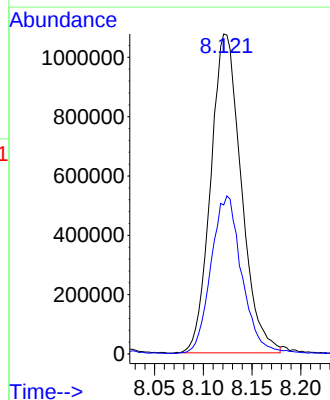
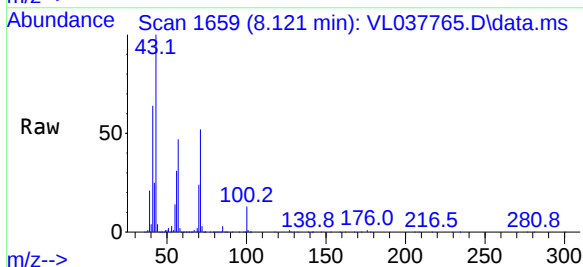
Manual Integrations
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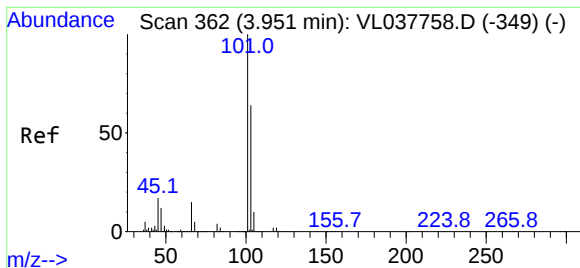
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#10
 Heptane
 Concen: 9.96 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

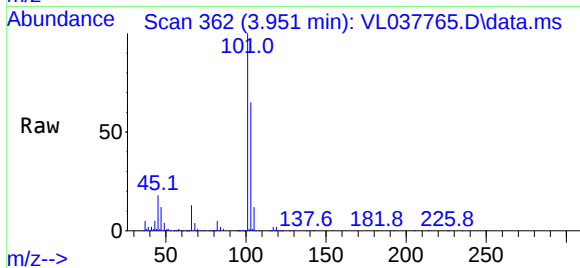
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 Ion Ratio Lower Upper
 43 100
 57 50.1 40.0 60.0





#11
Trichlorofluoromethane
Concen: 9.43 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

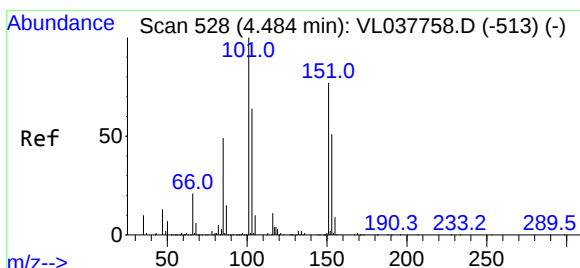
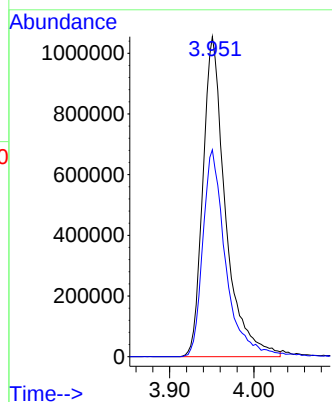
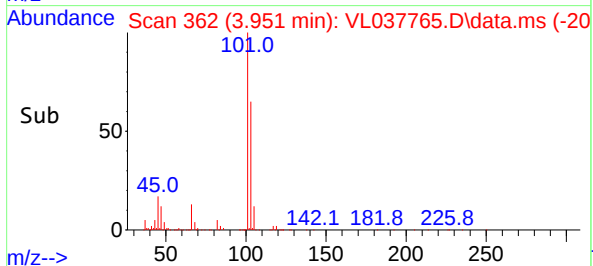
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



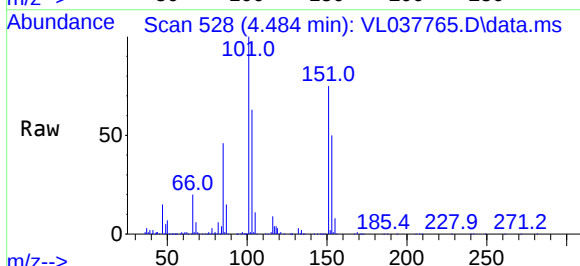
Tgt Ion:101 Resp: 196815
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

Manual Integrations
APPROVED

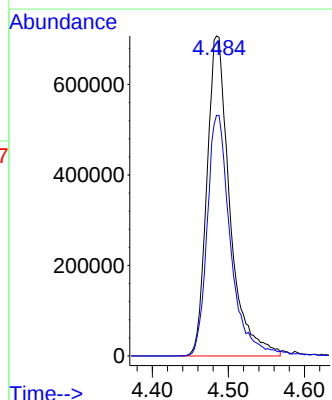
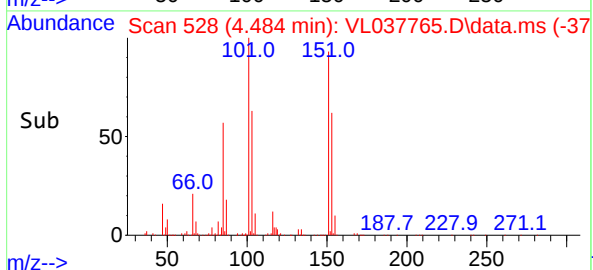
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

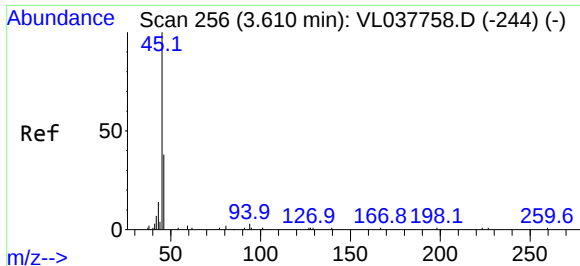


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.37 ppbv
RT: 4.484 min Scan# 528
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



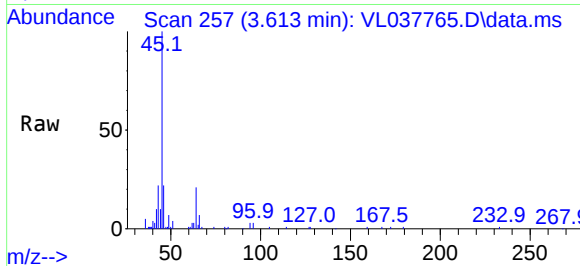
Tgt Ion:101 Resp: 1481725
Ion Ratio Lower Upper
101 100
151 77.5 62.9 94.3





#13
Ethanol
Concen: 10.37 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

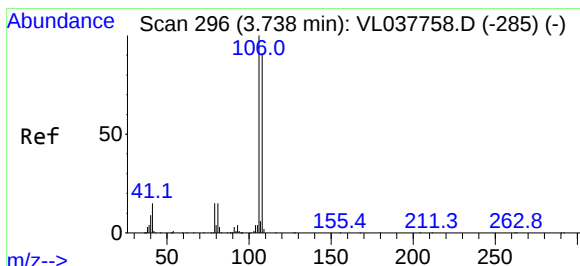
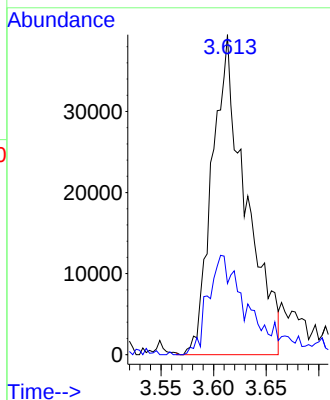
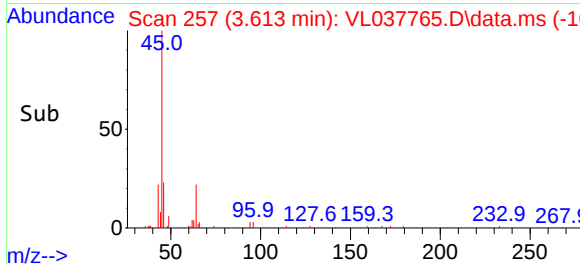
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



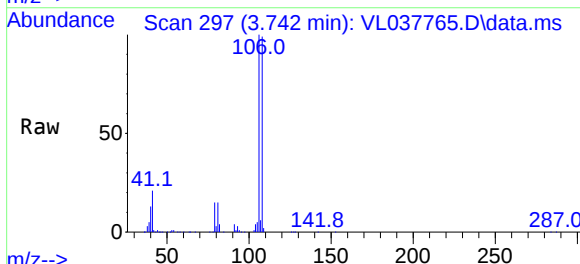
Tgt Ion: 45 Resp: 87832
Ion Ratio Lower Upper
45 100
46 40.0 20.2 81.0

Manual Integrations
APPROVED

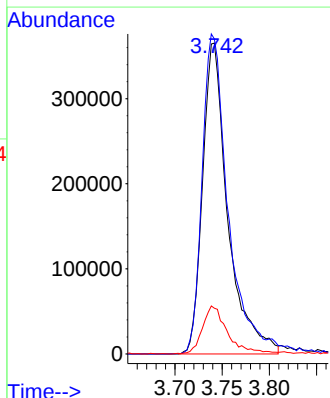
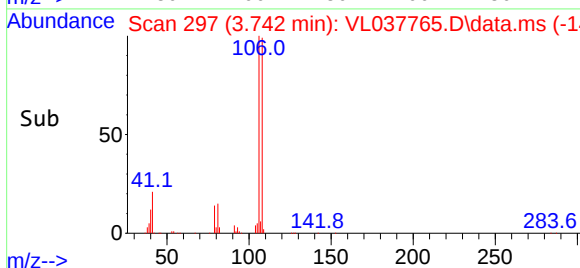
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

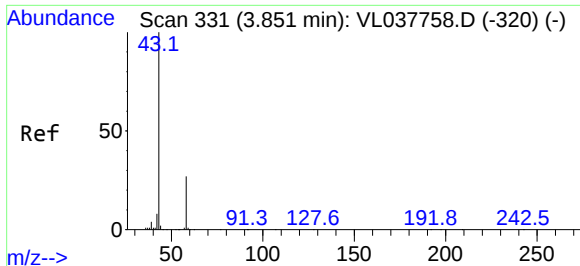


#14
Bromoethene
Concen: 9.78 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



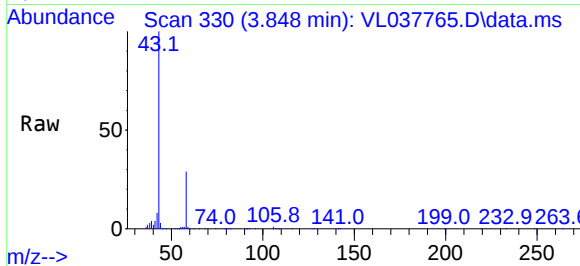
Tgt Ion:108 Resp: 679633
Ion Ratio Lower Upper
108 100
106 108.4 91.9 137.9
79 15.9 13.9 20.9





#15
Acetone
Concen: 8.47 ppbv
RT: 3.848 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

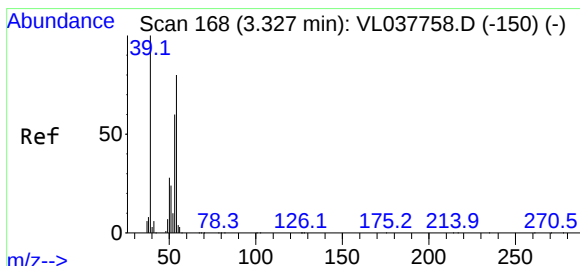
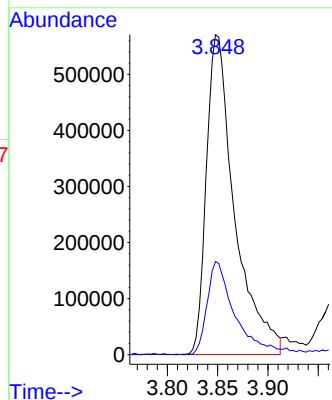
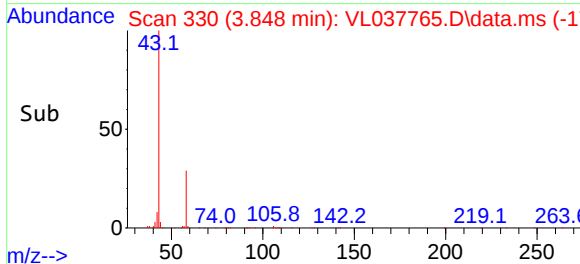
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



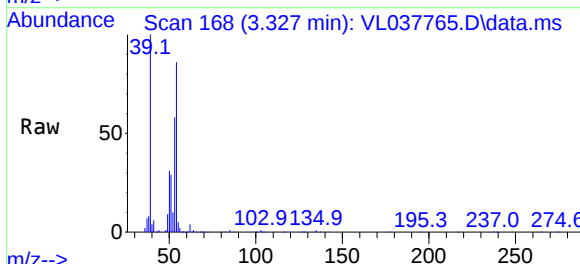
Tgt Ion: 43 Resp: 111311
Ion Ratio Lower Upper
43 100
58 29.4 23.0 34.6

Manual Integrations
APPROVED

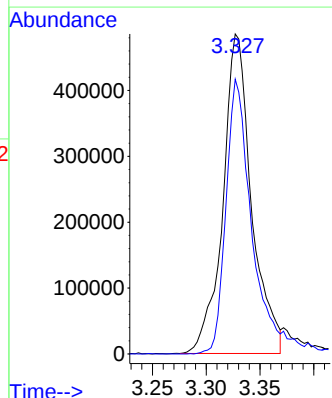
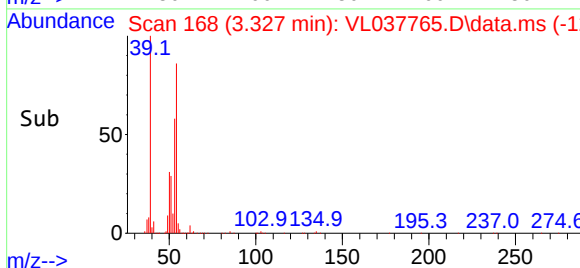
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

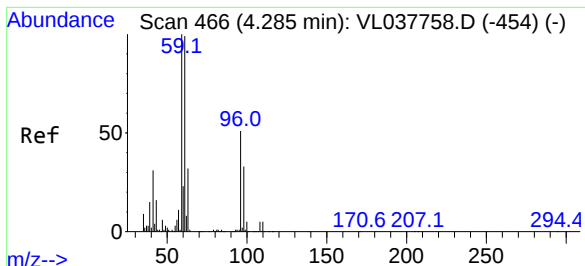


#16
1,3-Butadiene
Concen: 9.42 ppbv
RT: 3.327 min Scan# 168
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



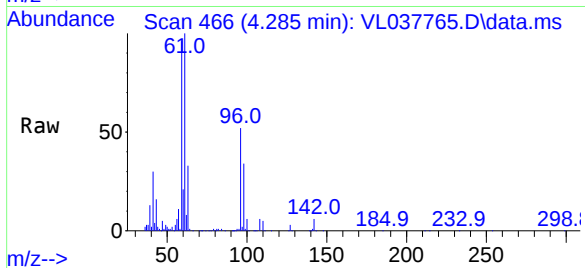
Tgt Ion: 39 Resp: 901444
Ion Ratio Lower Upper
39 100
54 81.0 61.7 92.5





#17
tert-Butyl alcohol
Concen: 9.91 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

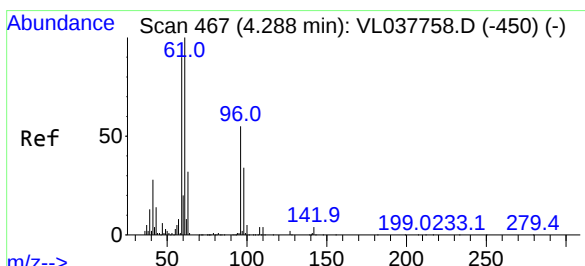
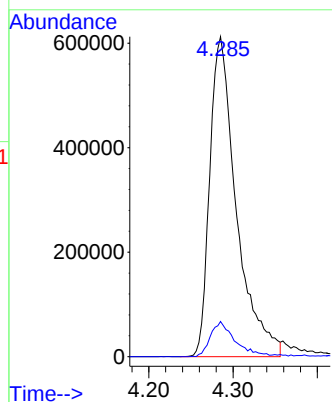
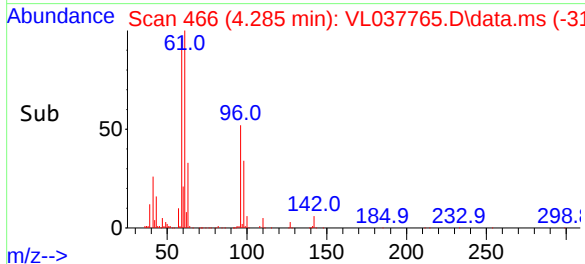
Instrument : MSVOA_1
ClientSampleId : ICVVL100421



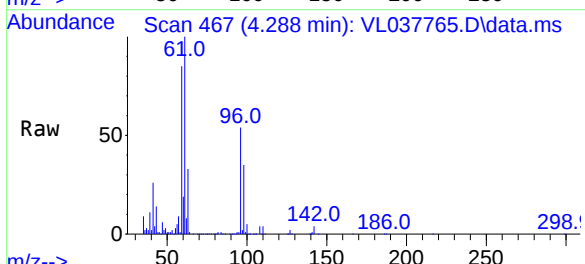
Tgt Ion: 59 Resp: 1342240
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0

Manual Integrations
APPROVED

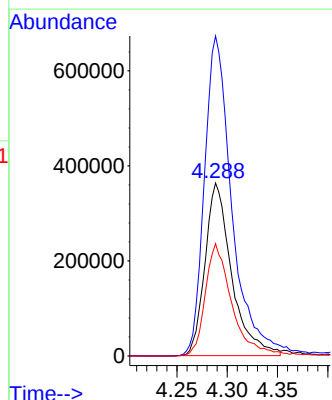
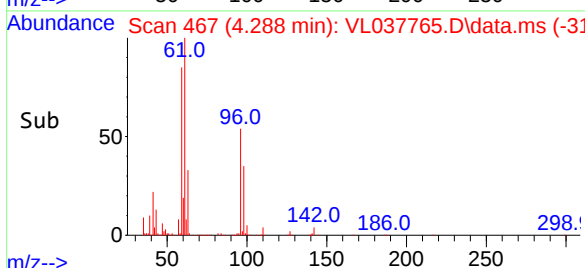
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

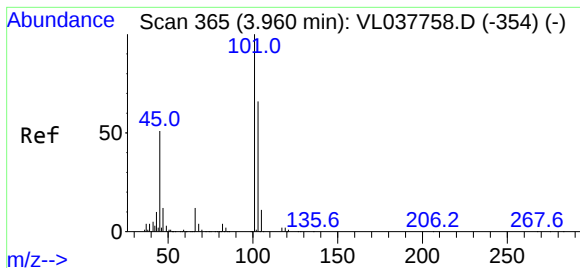


#18
1,1-Dichloroethene
Concen: 9.35 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



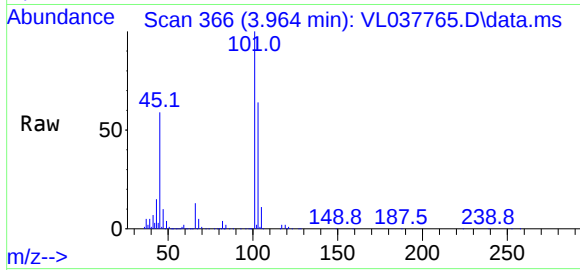
Tgt Ion: 96 Resp: 671819
Ion Ratio Lower Upper
96 100
61 184.9 146.2 219.4
98 64.9 50.0 75.0





#19
Isopropyl Alcohol
Concen: 9.71 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

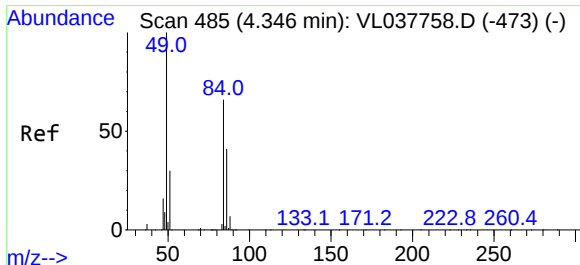
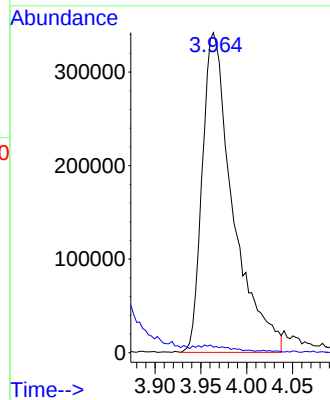
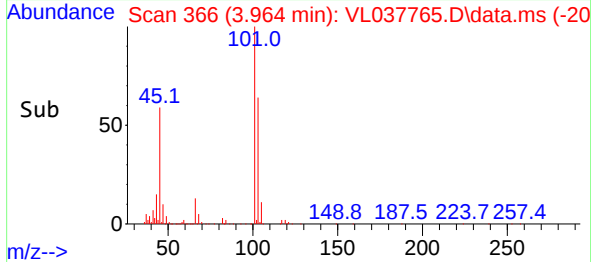
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



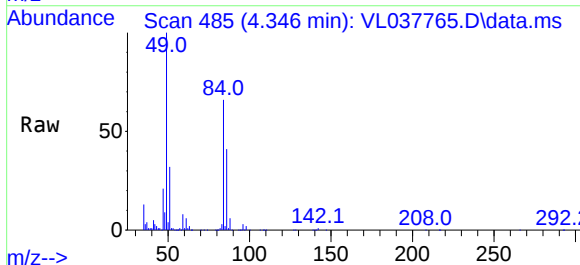
Tgt Ion: 45 Resp: 794360
Ion Ratio Lower Upper
45 100
58 2.3 1.1 1.75

Manual Integrations
APPROVED

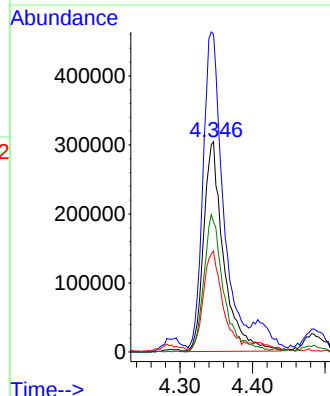
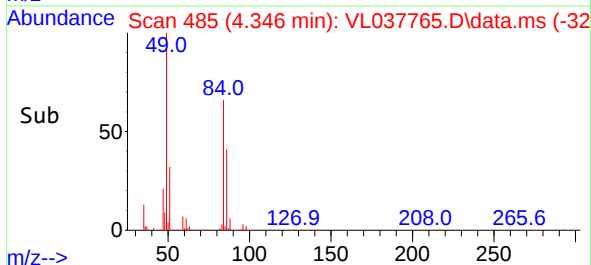
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

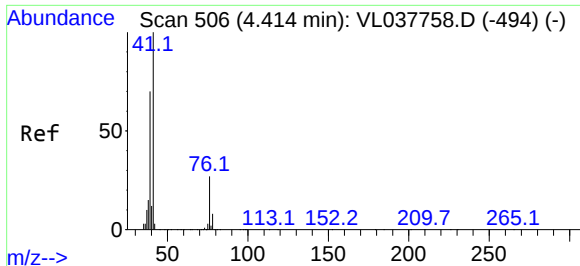


#20
Methylene Chloride
Concen: 8.77 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 84 Resp: 582435
Ion Ratio Lower Upper
84 100
49 148.3 120.7 181.1
51 46.7 36.2 54.4
86 62.1 49.6 74.4





#21
 Allyl Chloride
 Concen: 9.40 ppbv
 RT: 4.410 min Scan# 506
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

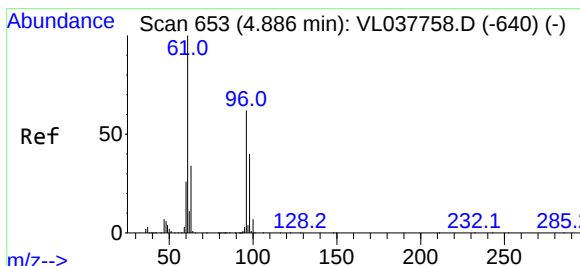
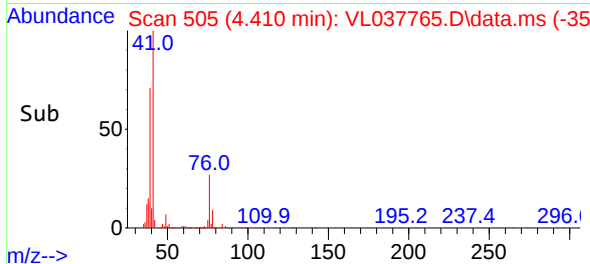
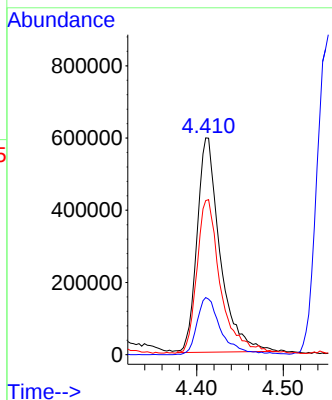
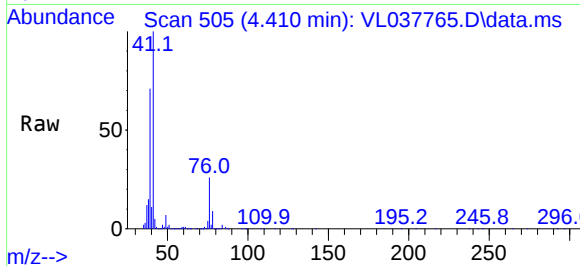
ClientSampleId :

ICVVL100421

Tgt Ion: 41 Resp: 109454
 Ion Ratio Lower Upper
 41 100
 76 28.0 22.4 33.6
 39 76.7 58.0 87.0

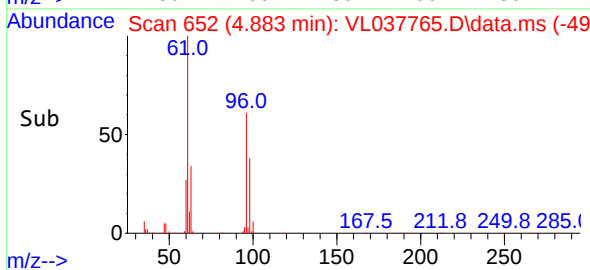
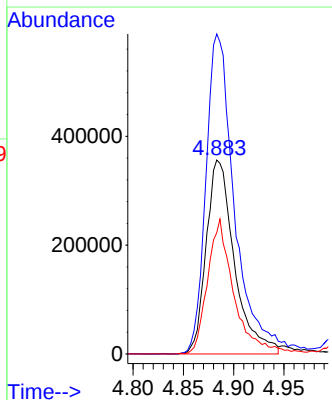
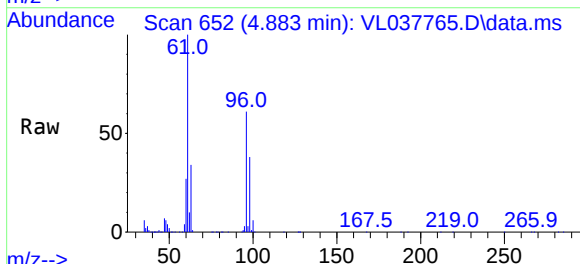
Manual Integrations
 APPROVED

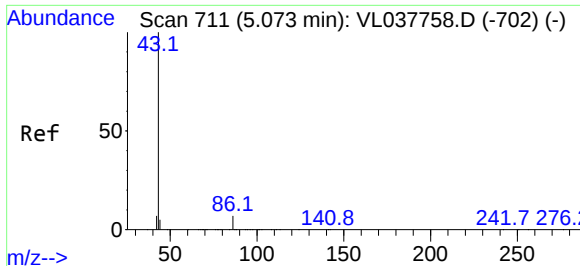
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.65 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

Tgt Ion: 96 Resp: 696909
 Ion Ratio Lower Upper
 96 100
 61 165.0 129.0 193.6
 98 62.4 51.7 77.5





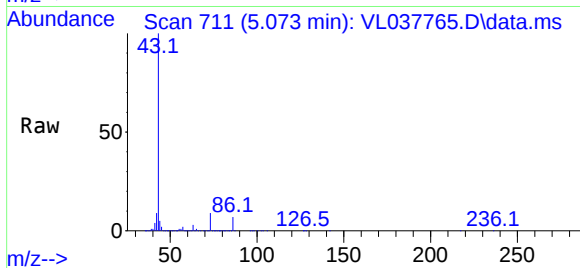
#23
 Vinyl Acetate
 Concen: 11.15 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100421



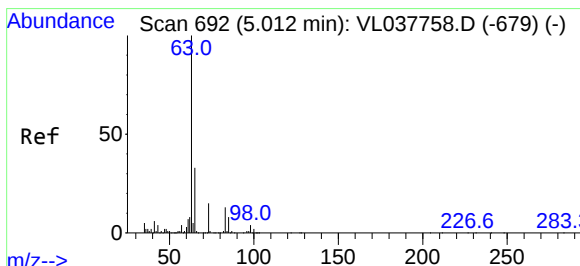
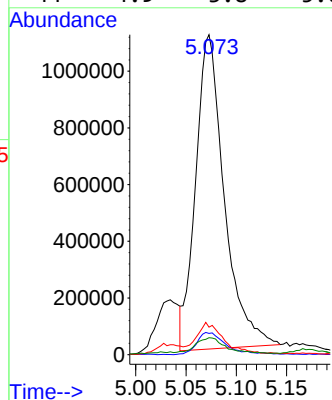
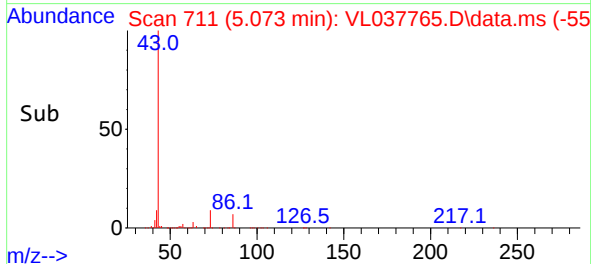
Tgt Ion: 43 Resp: 2196748

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.0	7.4
42	8.5	7.4	11.0
44	4.9	3.8	5.6

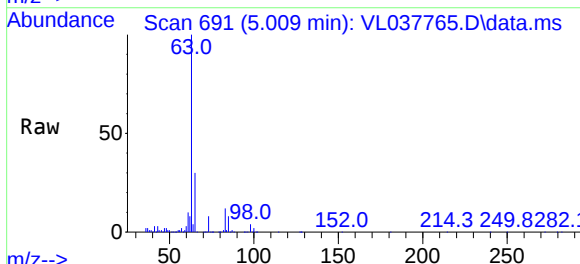
Manual Integrations

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Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

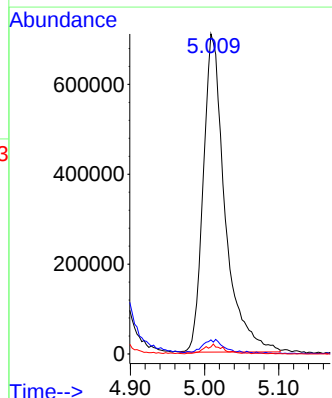
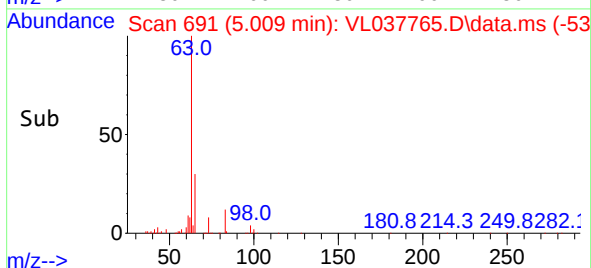


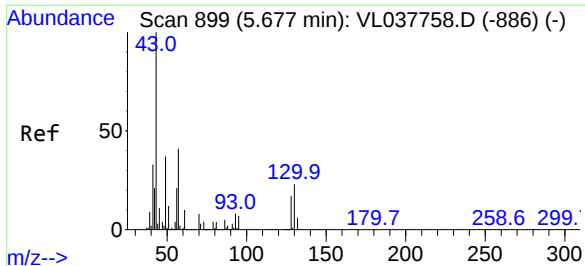
#24
 1,1-Dichloroethane
 Concen: 10.01 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40



Tgt Ion: 63 Resp: 1435599

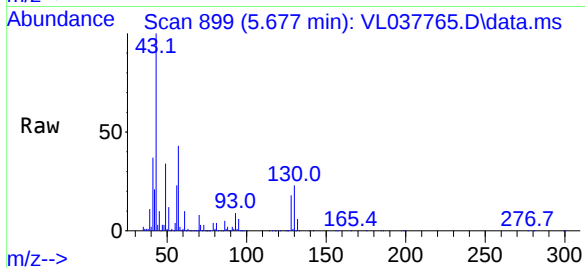
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.9
100	2.1	1.1	3.1





#25
Ethyl Acetate
Concen: 9.90 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument : MSVOA_L
Client Sample Id : ICVVL100421

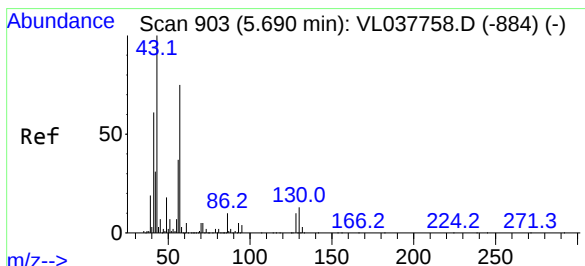
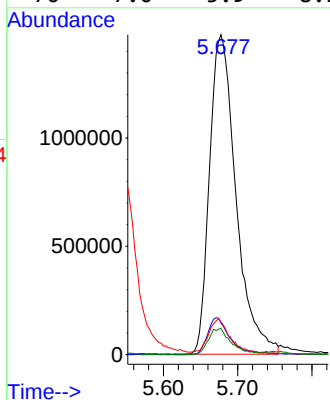
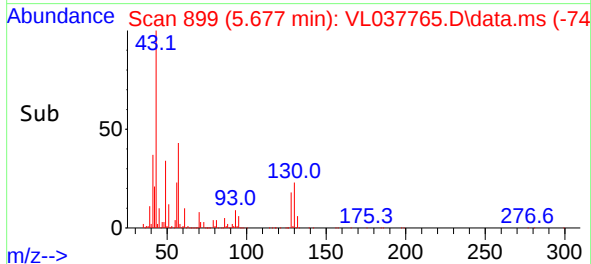


Tgt Ion: 43 Resp: 365271

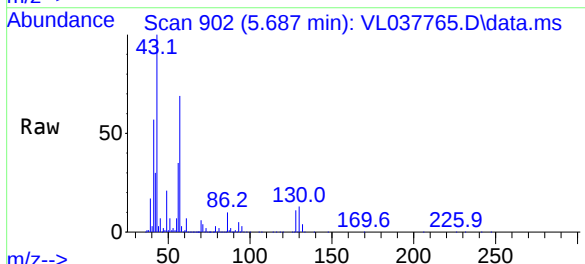
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	9.6	7.5	11.3
70	7.0	5.9	8.9

Manual Integrations
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Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

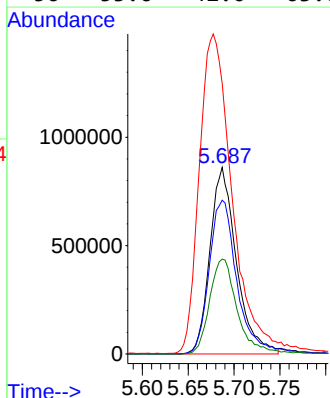
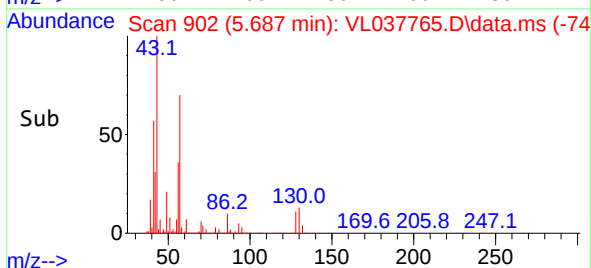


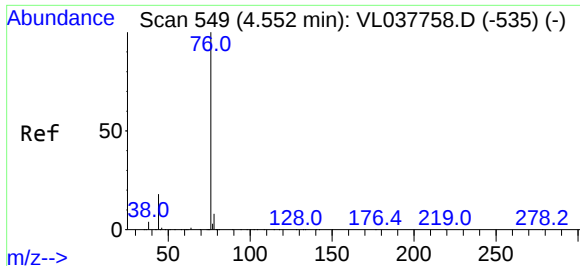
#26
Hexane
Concen: 9.52 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 57 Resp: 1728732

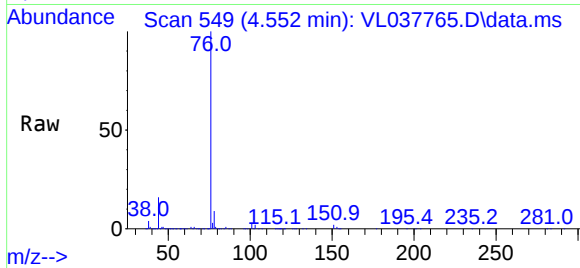
Ion	Ratio	Lower	Upper
57	100		
41	87.3	69.6	104.4
43	216.1	171.4	257.0
56	53.6	42.0	63.0





#27
Carbon Disulfide
Concen: 10.65 ppbv
RT: 4.552 min Scan# 549
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

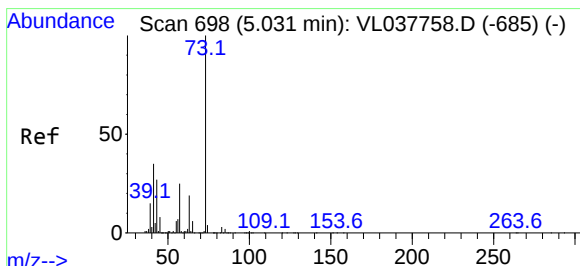
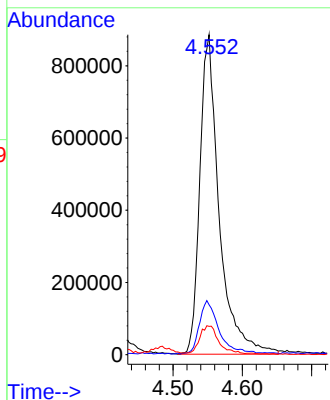
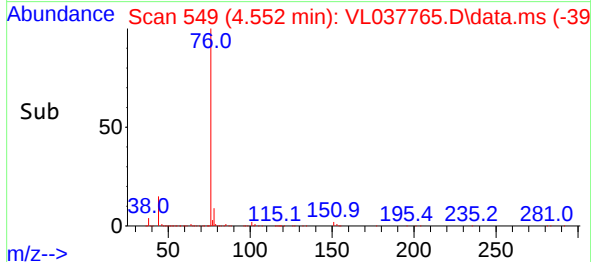
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



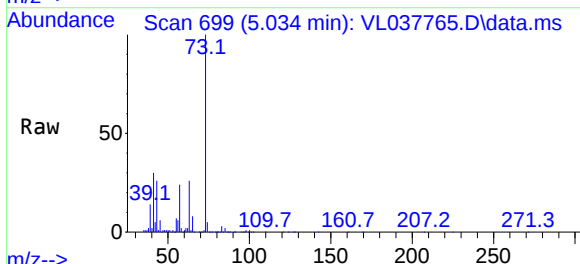
Tgt Ion: 76 Resp: 1714548
Ion Ratio Lower Upper
76 100
44 16.7 14.3 21.5
78 9.6 7.8 11.6

Manual Integrations
APPROVED

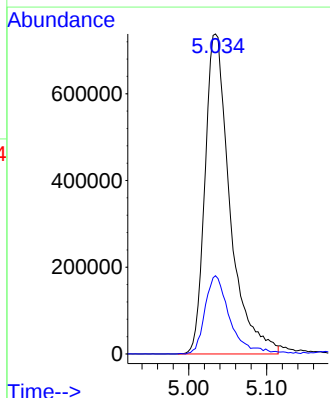
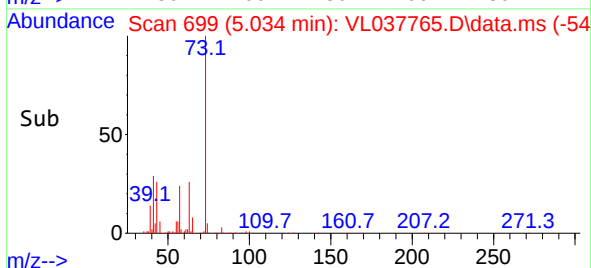
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

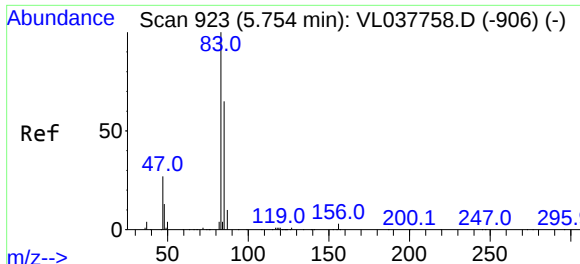


#28
Methyl tert-Butyl Ether
Concen: 10.87 ppbv
RT: 5.034 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



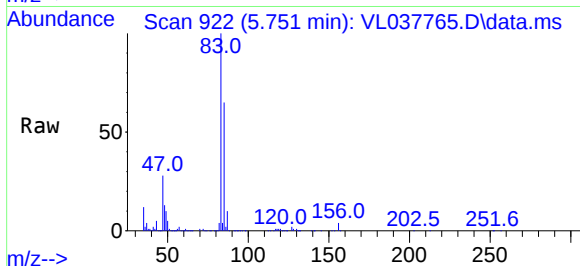
Tgt Ion: 73 Resp: 1643384
Ion Ratio Lower Upper
73 100
57 24.6 20.4 30.6





#29
Chloroform
Concen: 9.39 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

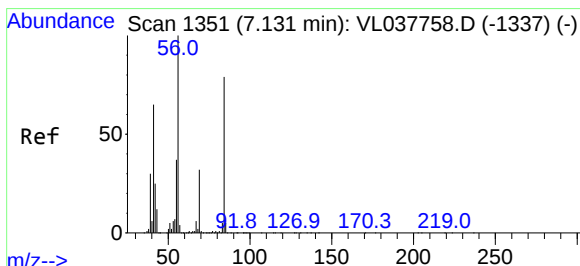
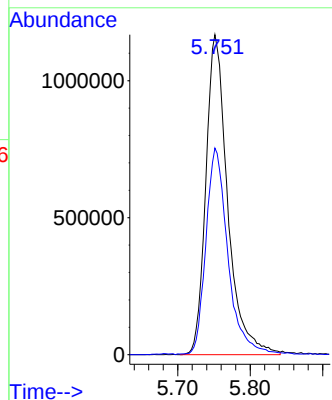
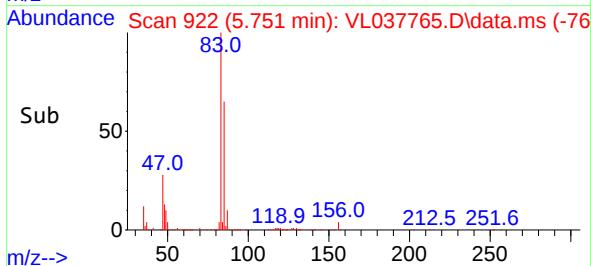
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



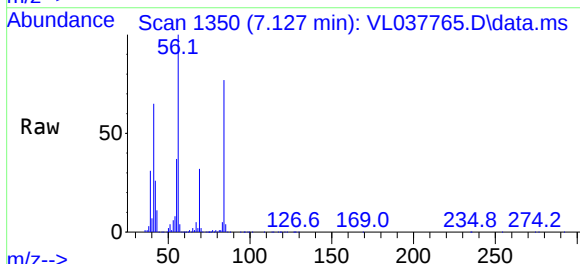
Tgt Ion: 83 Resp: 2438590
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8

Manual Integrations
APPROVED

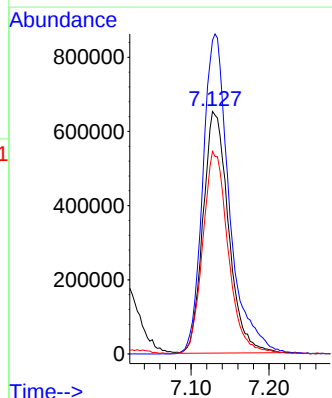
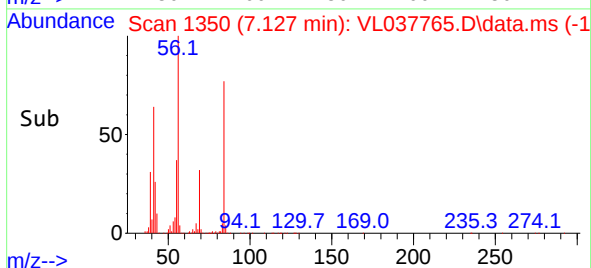
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

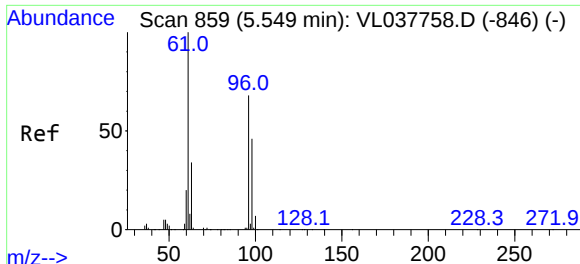


#30
Cyclohexane
Concen: 9.63 ppbv
RT: 7.127 min Scan# 1350
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



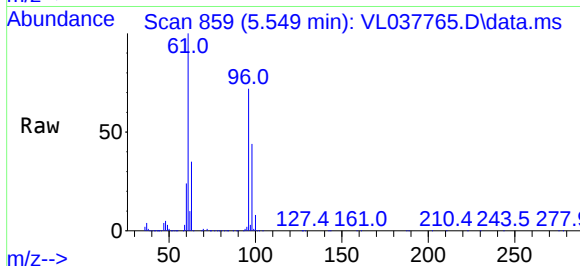
Tgt Ion: 84 Resp: 1482710
Ion Ratio Lower Upper
84 100
56 138.6 113.0 169.4
41 84.1 69.1 103.7





#31
cis-1,2-Dichloroethene
Concen: 9.89 ppbv
RT: 5.549 min Scan# 859
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

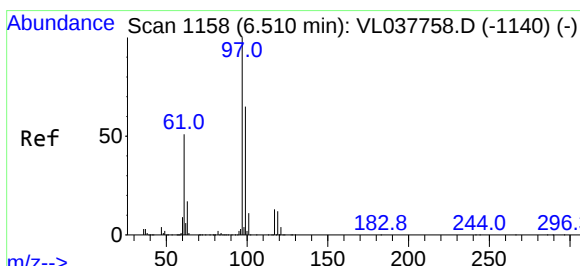
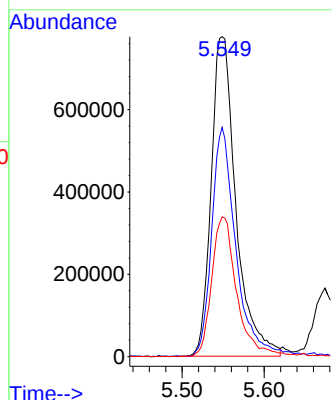
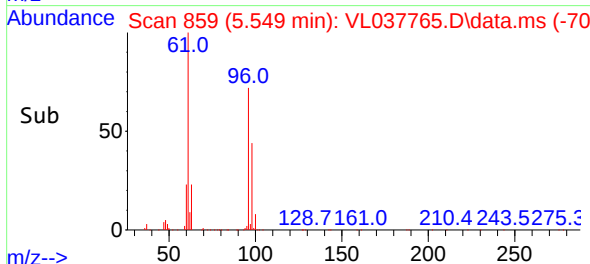
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



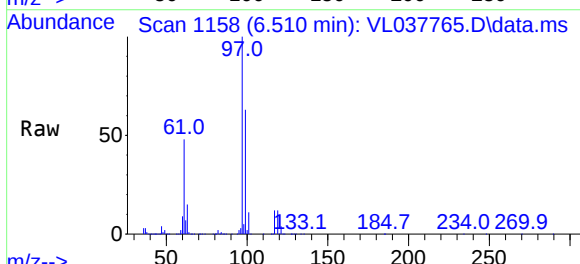
Tgt Ion: 61 Resp: 1630110
Ion Ratio Lower Upper
61 100
96 71.7 54.2 81.2
98 43.7 36.6 54.8

Manual Integrations
APPROVED

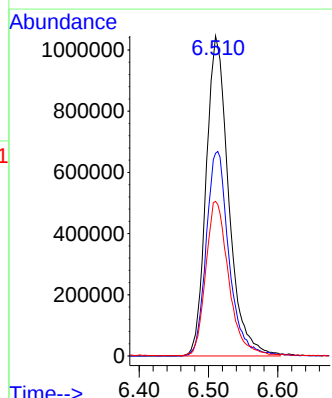
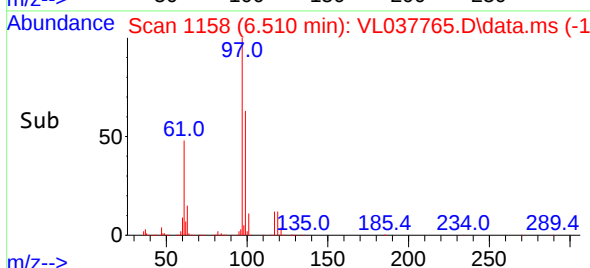
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

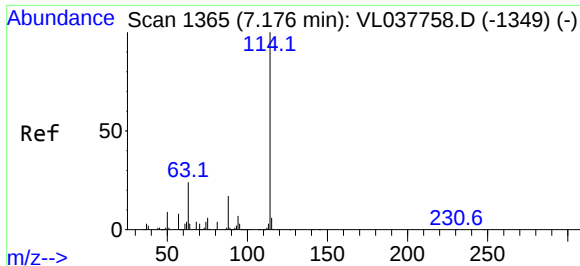


#32
1,1,1-Trichloroethane
Concen: 9.59 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 97 Resp: 2361324
Ion Ratio Lower Upper
97 100
99 64.7 52.6 78.8
61 49.9 40.2 60.4





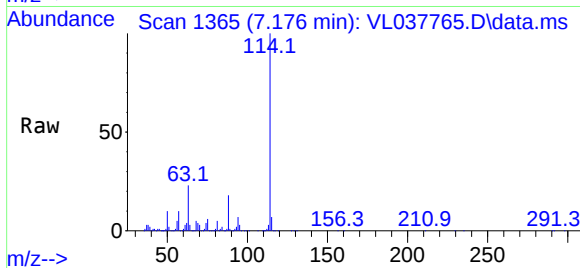
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100421

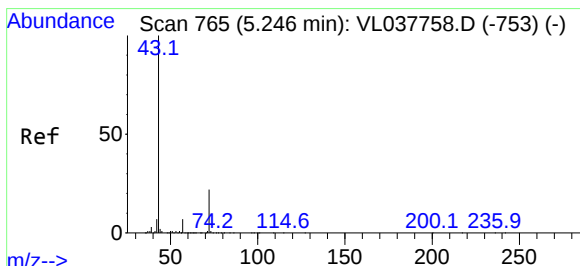
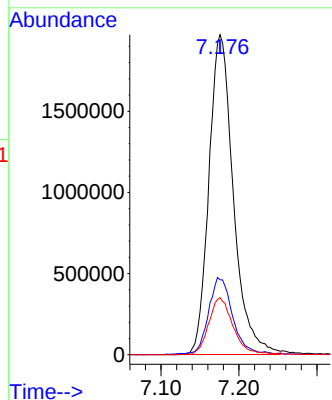
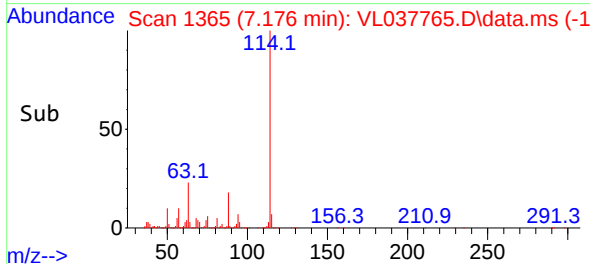


Tgt Ion:114 Resp: 4292340
Ion Ratio Lower Upper
114 100
63 24.4 19.4 29.2
88 17.9 14.4 21.6

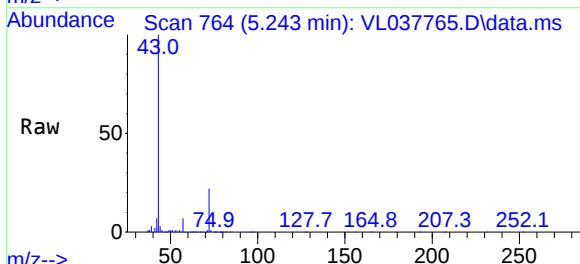
Manual Integrations

APPROVED

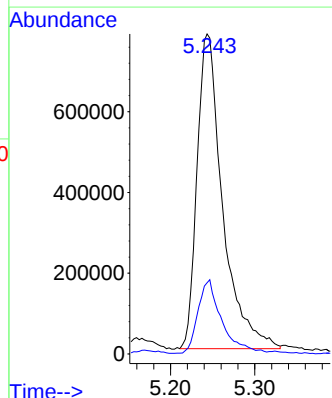
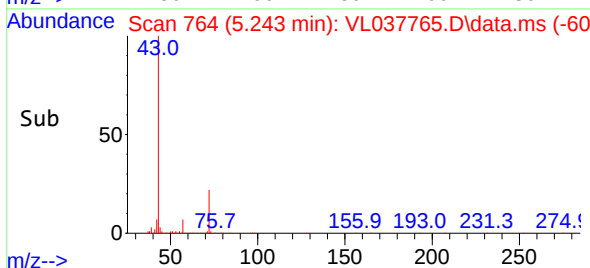
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

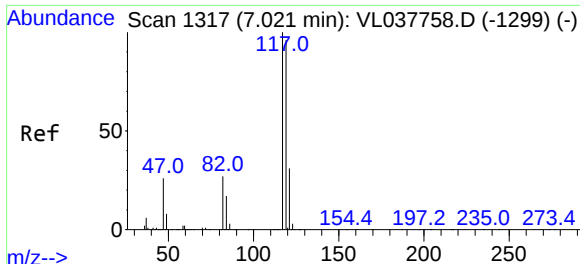


#34
2-Butanone
Concen: 9.49 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



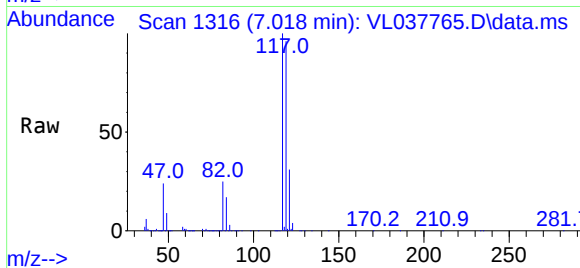
Tgt Ion: 43 Resp: 1643692
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 9.93 ppbv
RT: 7.018 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

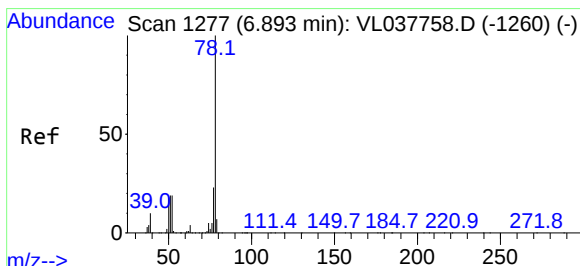
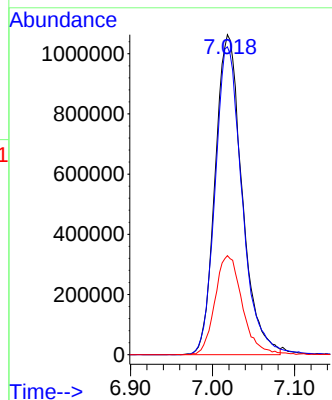
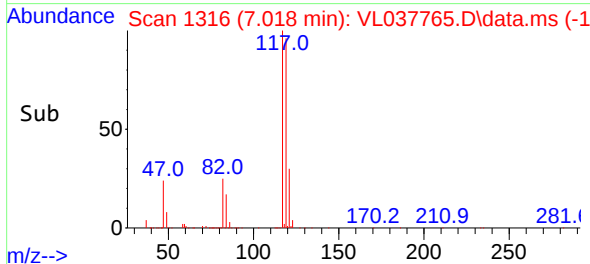
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



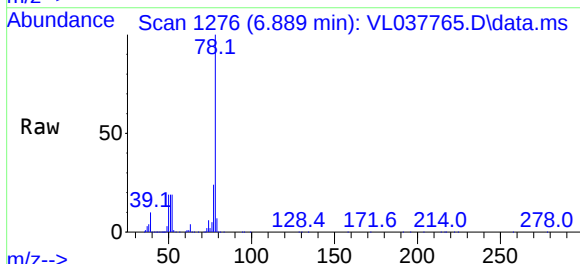
Tgt Ion: 117 Resp: 2421360
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
121 30.9 24.9 37.3

Manual Integrations
APPROVED

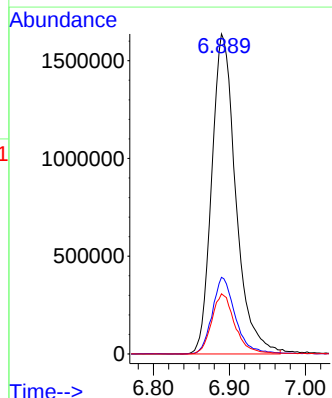
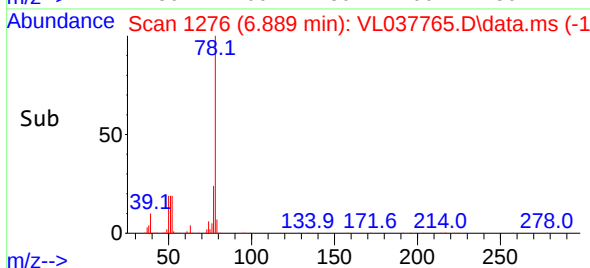
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

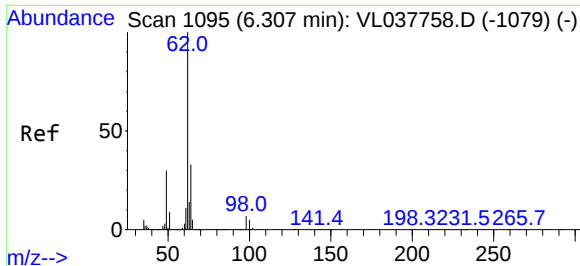


#36
Benzene
Concen: 9.80 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



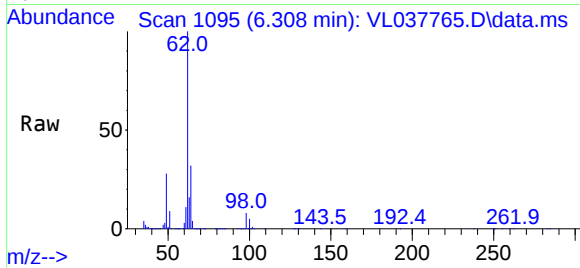
Tgt Ion: 78 Resp: 3592798
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2
50 18.8 14.7 22.1





#37
1,2-Dichloroethane
Concen: 9.89 ppbv
RT: 6.308 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

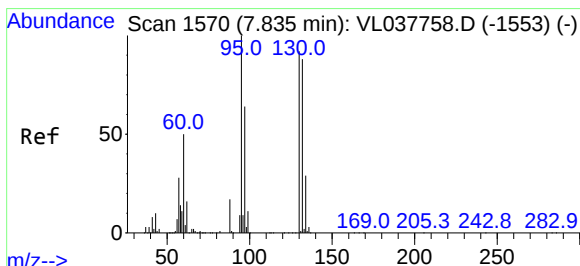
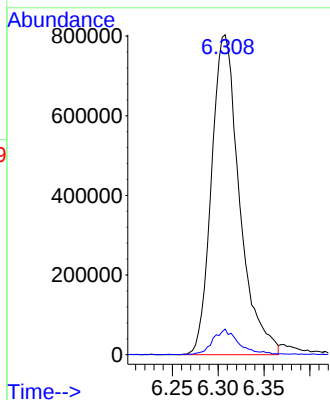
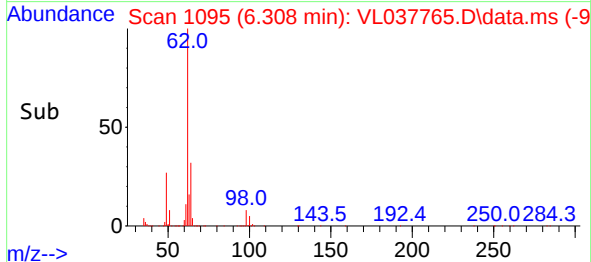
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



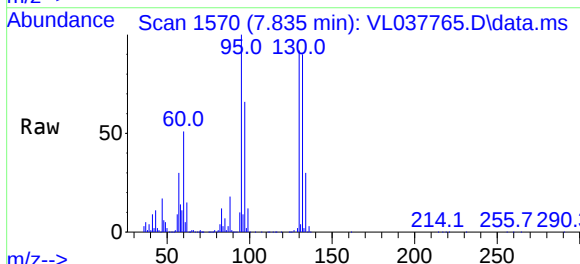
Tgt Ion: 62 Resp: 1707869
Ion Ratio Lower Upper
62 100
98 7.7 6.1 9.1

Manual Integrations
APPROVED

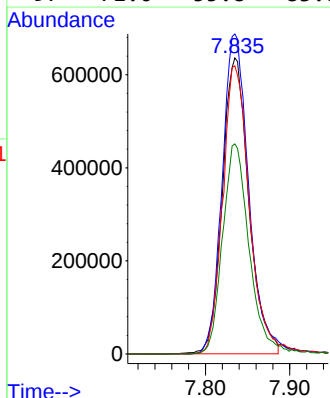
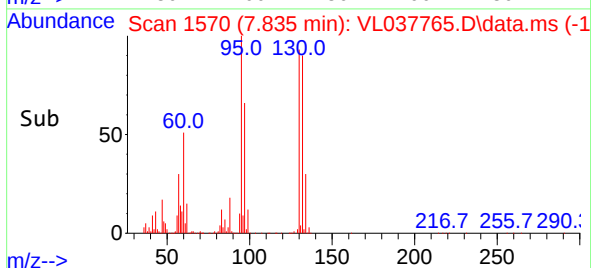
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

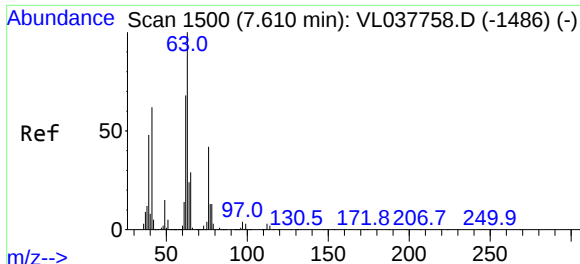


#38
Trichloroethene
Concen: 9.58 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



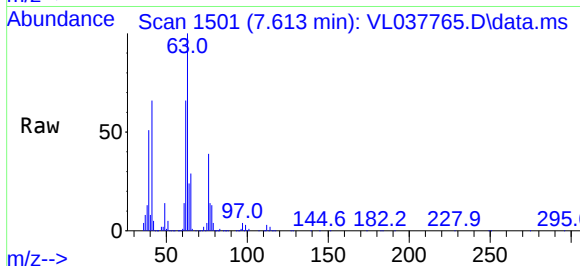
Tgt Ion:130 Resp: 1388227
Ion Ratio Lower Upper
130 100
95 108.2 87.4 131.0
132 97.3 76.8 115.2
97 71.0 55.8 83.8





#39
1,2-Dichloropropane
Concen: 10.02 ppbv
RT: 7.613 min Scan# 1501
Delta R.T. 0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

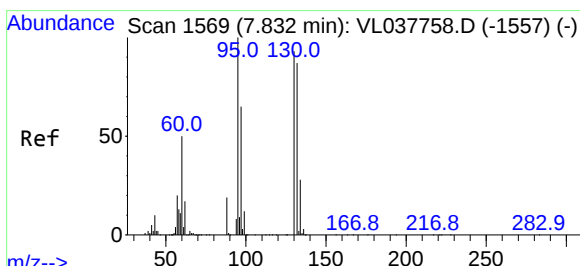
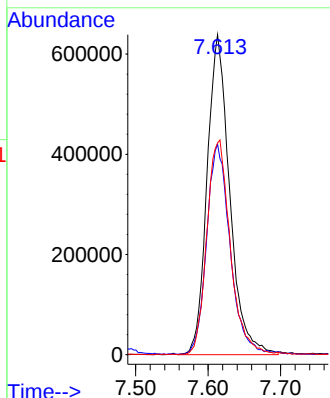
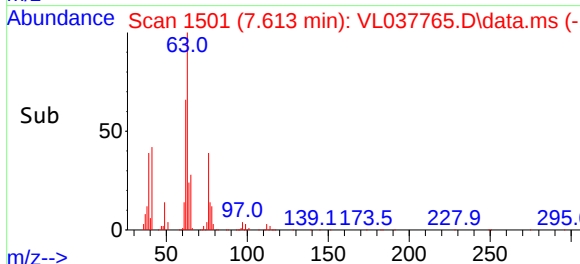
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



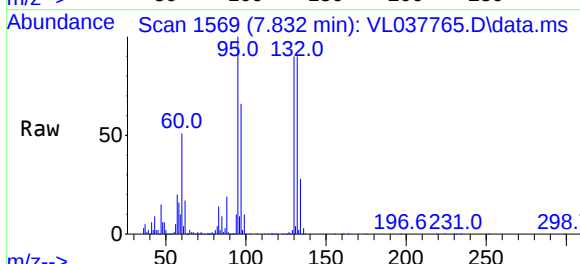
Tgt Ion: 63 Resp: 1381214
Ion Ratio Lower Upper
63 100
41 65.7 49.8 74.6
62 66.1 54.6 82.0

Manual Integrations
APPROVED

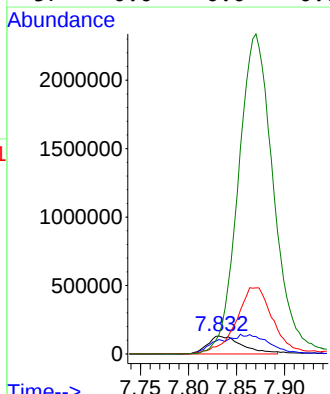
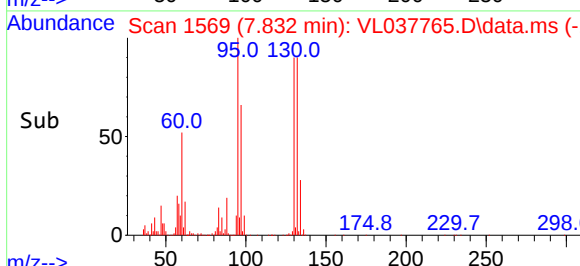
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

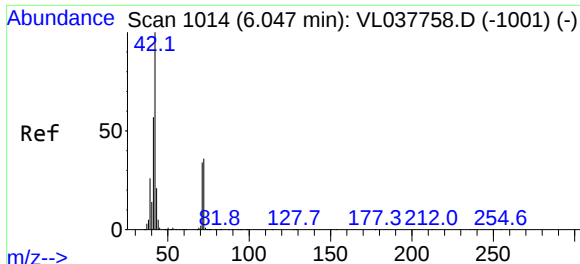


#40
1,4-Dioxane
Concen: 9.59 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



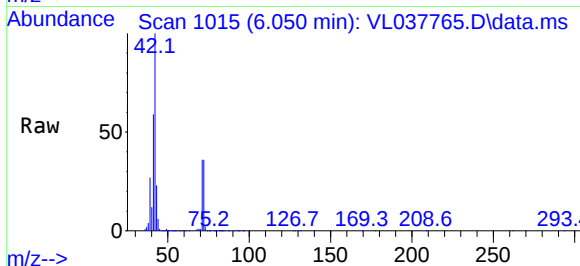
Tgt Ion: 88 Resp: 330969
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.37 ppbv
RT: 6.050 min Scan# 1014
Delta R.T. 0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

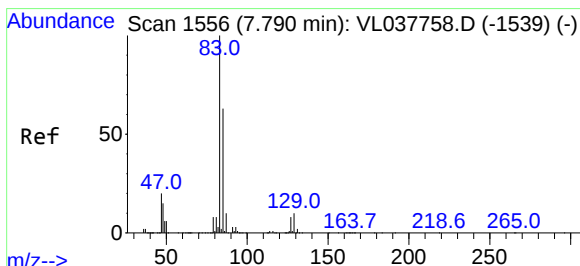
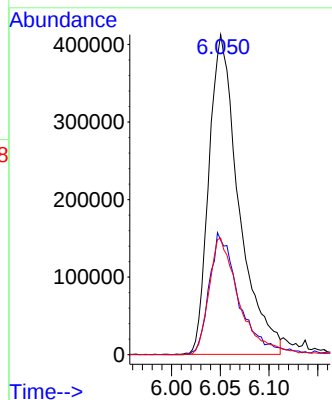
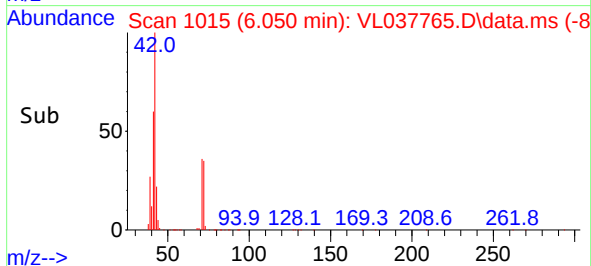
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



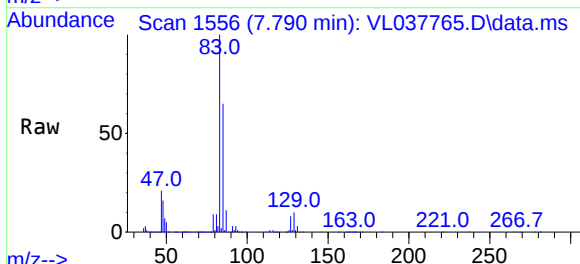
Tgt Ion: 42 Resp: 879669
Ion Ratio Lower Upper
42 100
72 38.7 31.9 47.9
71 37.2 30.3 45.5

Manual Integrations
APPROVED

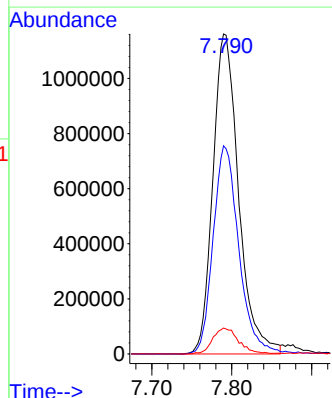
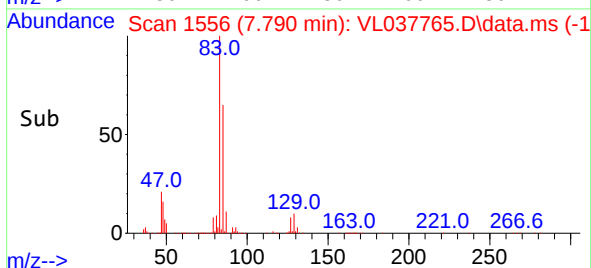
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

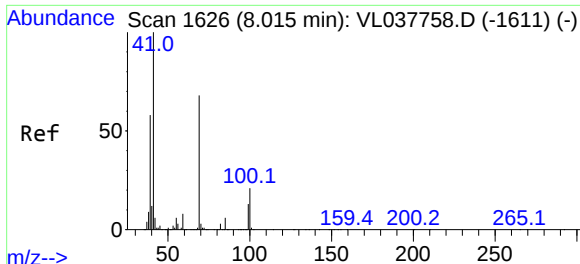


#42
Bromodichloromethane
Concen: 10.23 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



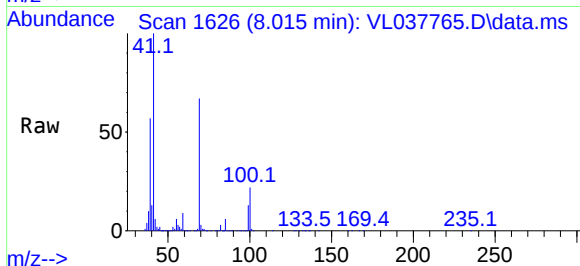
Tgt Ion: 83 Resp: 2593402
Ion Ratio Lower Upper
83 100
85 65.0 50.6 75.8
127 8.1 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.77 ppbv
RT: 8.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

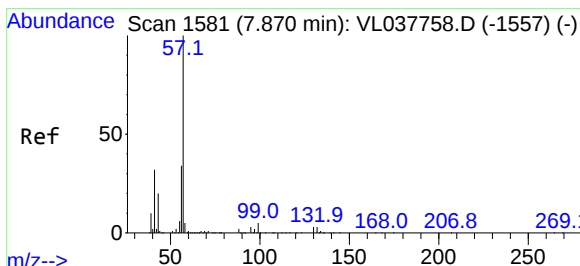
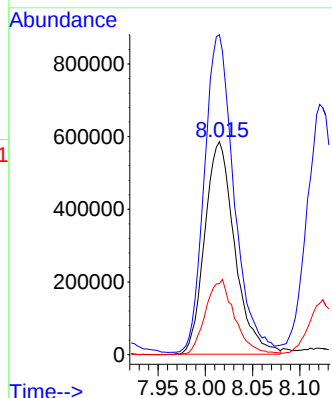
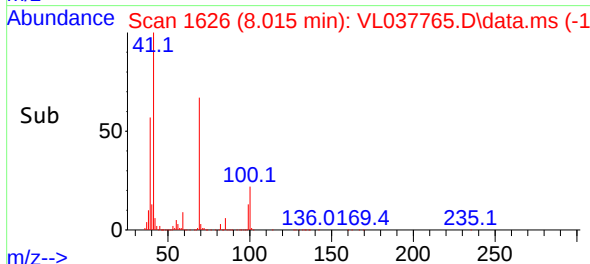
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



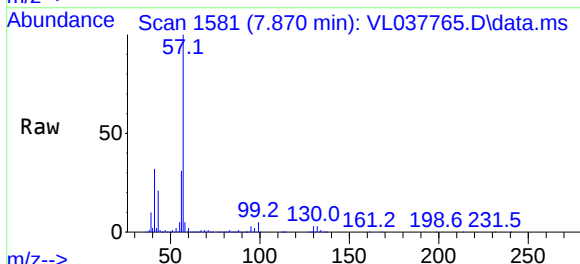
Tgt Ion: 69 Resp: 128923
Ion Ratio Lower Upper
69 100
41 149.3 121.0 181.4
100 34.7 27.7 41.5

Manual Integrations
APPROVED

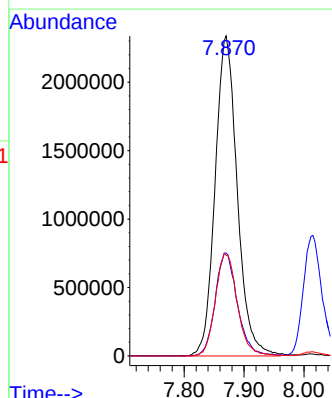
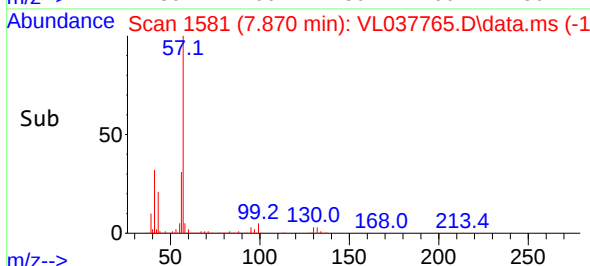
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

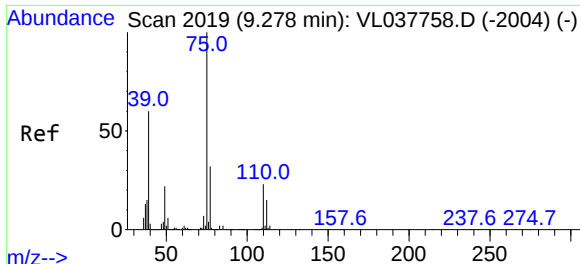


#44
2,2,4-Trimethylpentane
Concen: 9.70 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion: 57 Resp: 5977735
Ion Ratio Lower Upper
57 100
41 32.4 25.6 38.4
56 31.9 25.5 38.3





#45
 t-1,3-Dichloropropene
 Concen: 11.89 ppbv
 RT: 9.282 min Scan# 2019
 Delta R.T. 0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

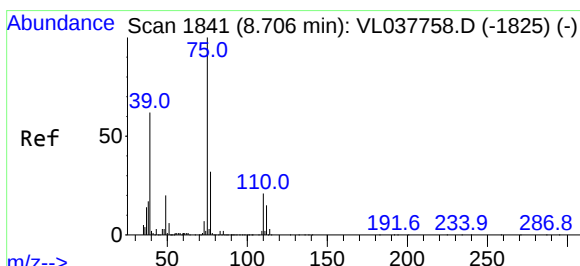
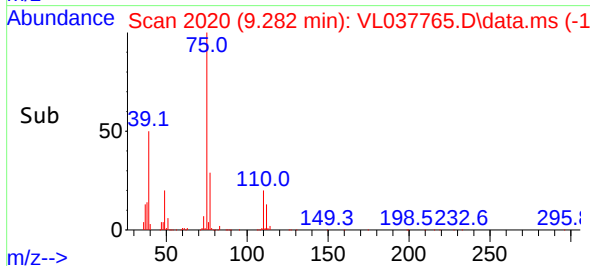
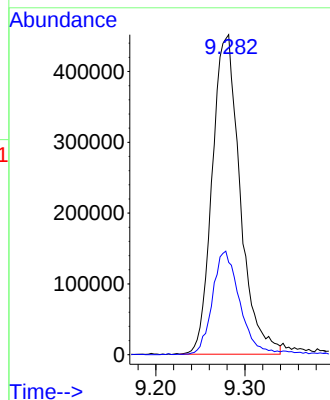
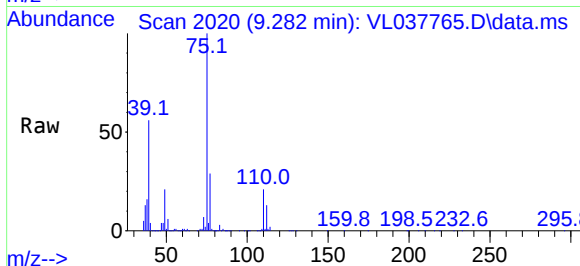
ICVVL100421

Tgt Ion: 75 Resp: 979890
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.2 37.8

Manual Integrations

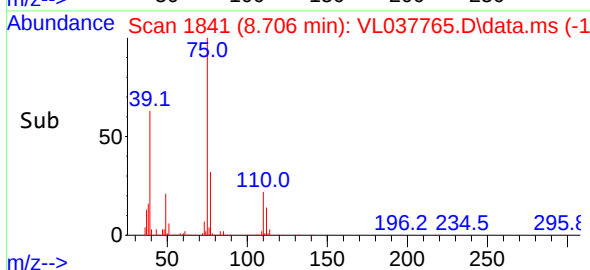
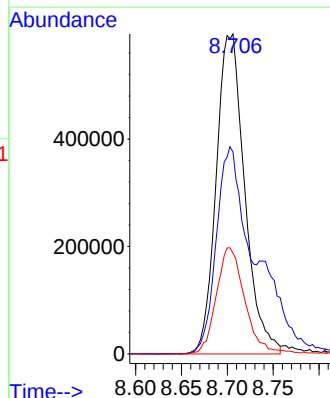
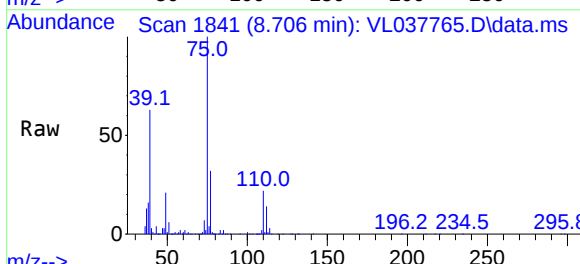
APPROVED

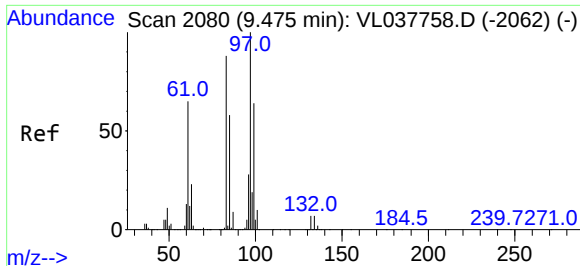
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#46
 cis-1,3-Dichloropropene
 Concen: 11.27 ppbv
 RT: 8.706 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

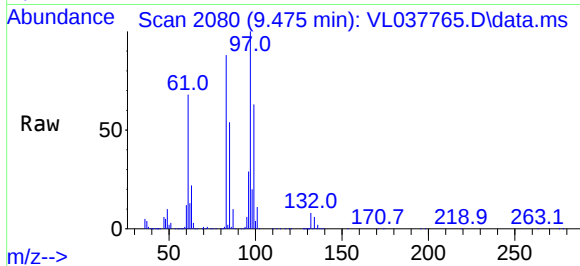
Tgt Ion: 75 Resp: 1287621
 Ion Ratio Lower Upper
 75 100
 39 63.0 49.9 74.9
 77 31.6 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 9.55 ppbv
RT: 9.475 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

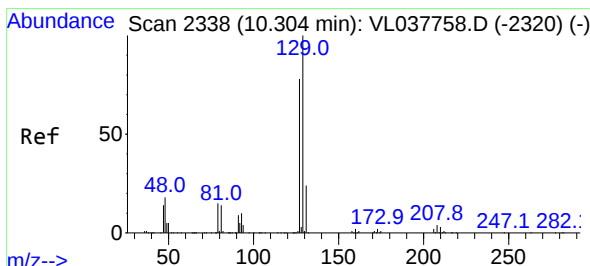
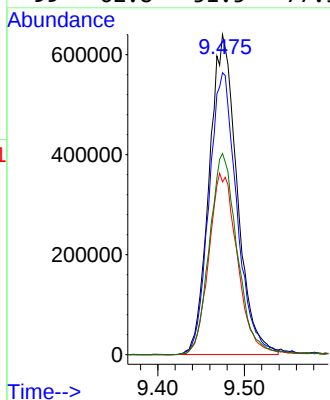
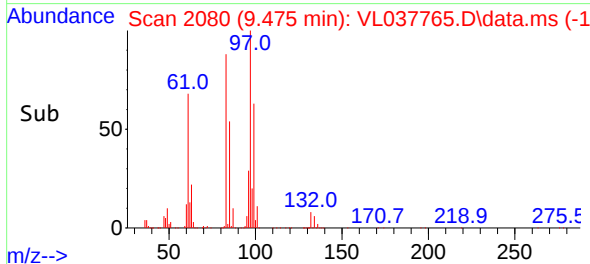
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



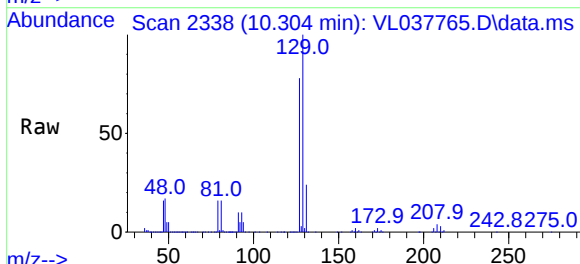
Tgt Ion: 97 Resp: 1431840
Ion Ratio Lower Upper
97 100
83 88.0 70.6 105.8
85 54.0 45.9 68.9
99 62.8 51.5 77.3

Manual Integrations
APPROVED

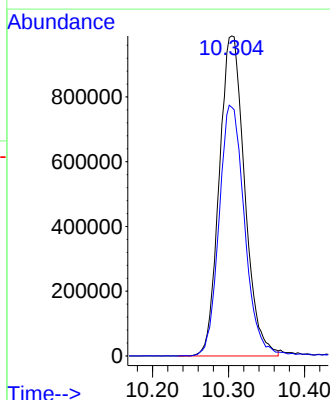
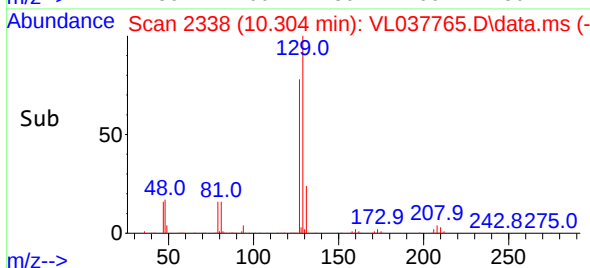
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

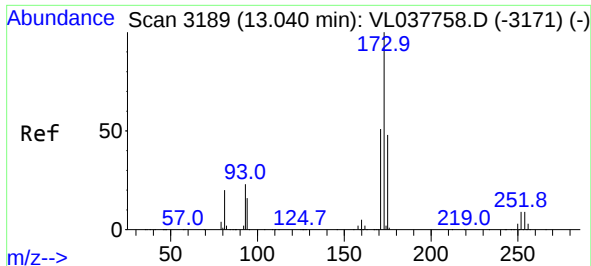


#48
Dibromochloromethane
Concen: 10.74 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



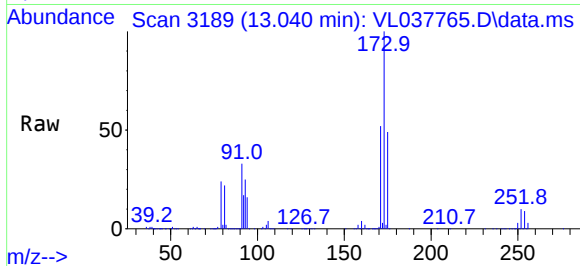
Tgt Ion:129 Resp: 2294635
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5





#49
Bromoform
Concen: 11.88 ppbv
RT: 13.040 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

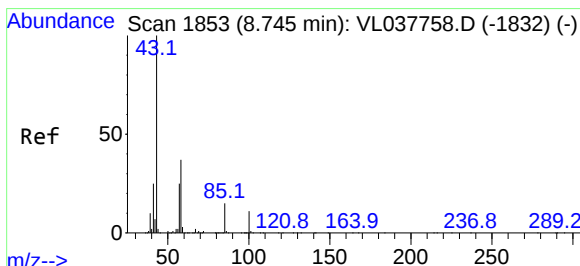
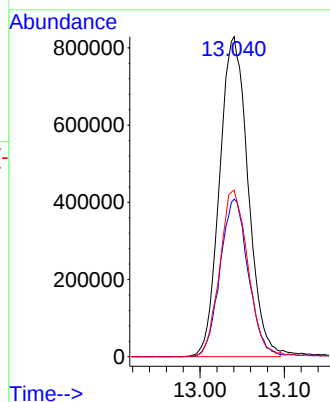
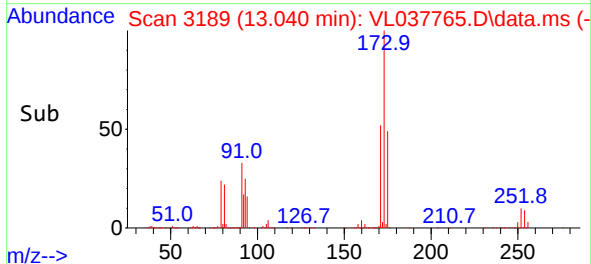
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



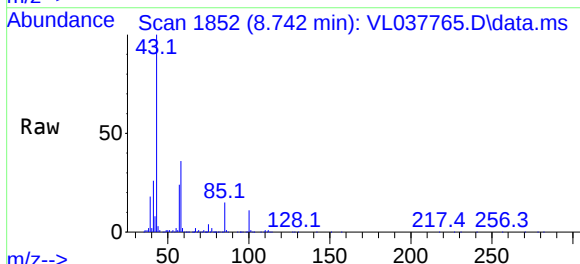
Tgt Ion:173 Resp: 1942040
Ion Ratio Lower Upper
173 100
175 49.6 39.9 59.9
171 52.3 43.4 65.2

Manual Integrations
APPROVED

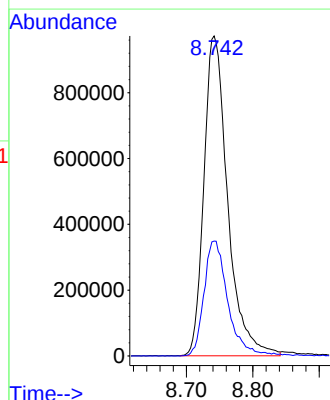
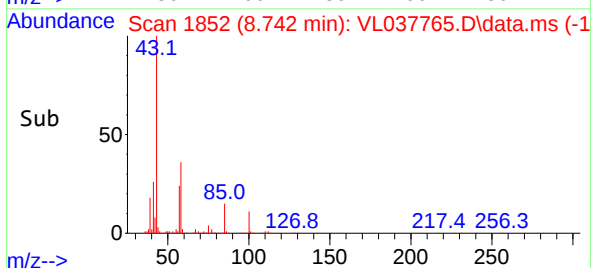
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

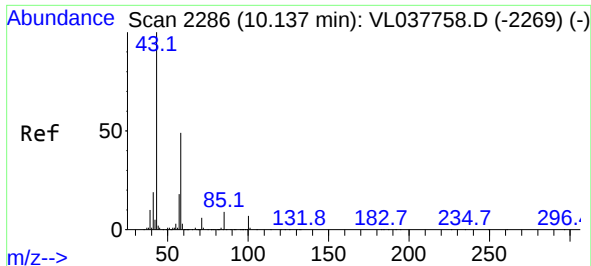


#50
4-Methyl-2-Pentanone
Concen: 10.71 ppbv
RT: 8.742 min Scan# 1852
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



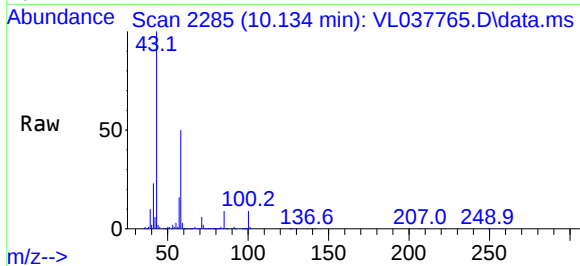
Tgt Ion: 43 Resp: 2415035
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0





#51
2-Hexanone
Concen: 11.20 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

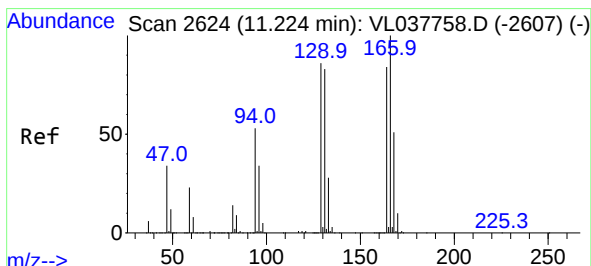
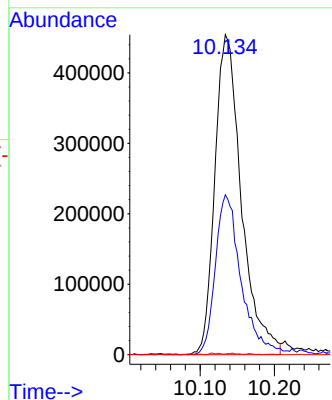
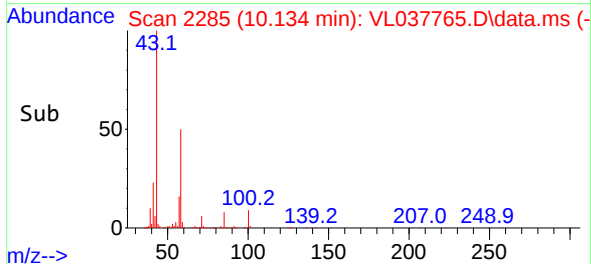
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



Tgt Ion: 43 Resp: 112755
Ion Ratio Lower Upper
43 100
58 49.4 39.4 59.0
98 0.4 0.3 0.5

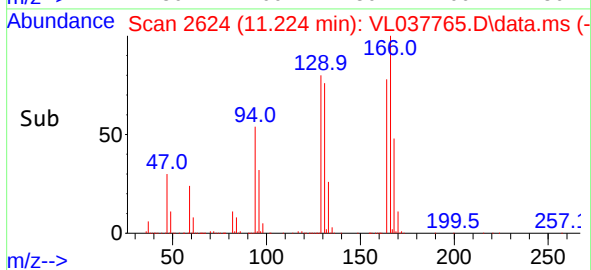
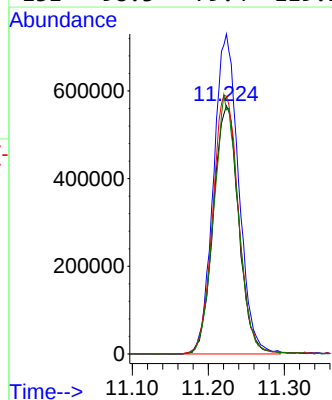
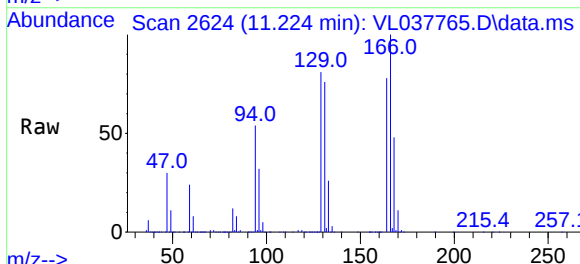
Manual Integrations
APPROVED

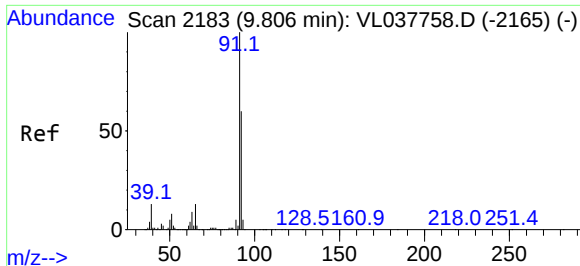
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#52
Tetrachloroethene
Concen: 9.21 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

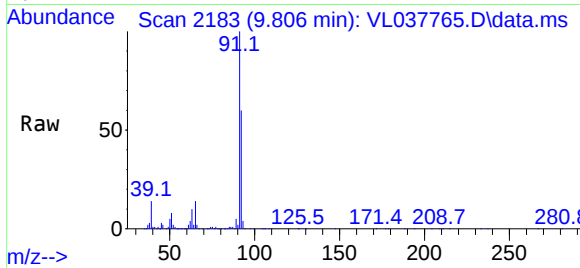
Tgt Ion:164 Resp: 1313972
Ion Ratio Lower Upper
164 100
166 128.9 95.4 143.2
129 103.7 82.2 123.4
131 98.3 79.4 119.2





#53
Toluene
Concen: 10.15 ppbv
RT: 9.806 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

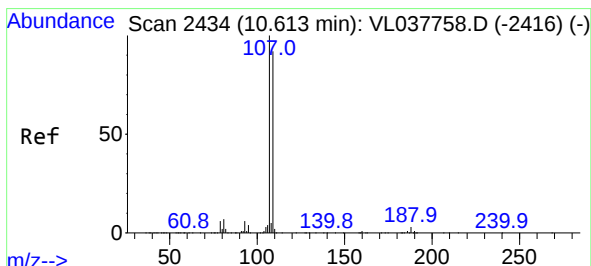
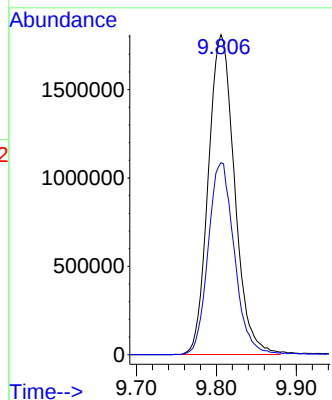
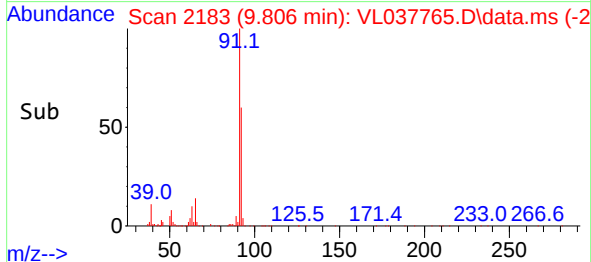
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



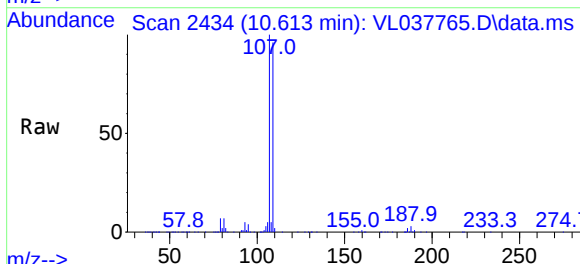
Tgt Ion: 91 Resp: 412259
Ion Ratio Lower Upper
91 100
92 60.2 48.4 72.6

Manual Integrations
APPROVED

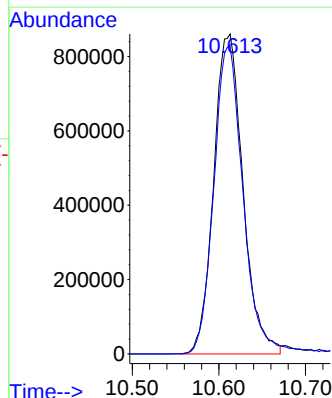
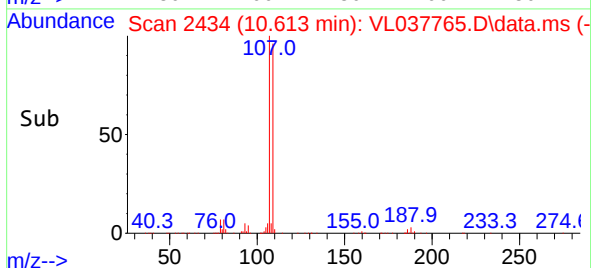
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

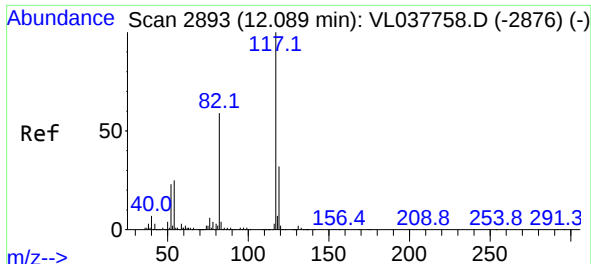


#54
1,2-Dibromoethane
Concen: 9.97 ppbv
RT: 10.613 min Scan# 2434
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion:107 Resp: 2018605
Ion Ratio Lower Upper
107 100
109 95.9 73.8 110.6





#55

Chlorobenzene-d5

Concen: 10.00 ppbv m

RT: 12.085 min Scan# 2893

Delta R.T. -0.003 min

Lab File: VL037765.D

Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100421

Tgt Ion:117 Resp: 407655

Ion Ratio Lower Upper

117 100

82 59.5 52.2 78.2

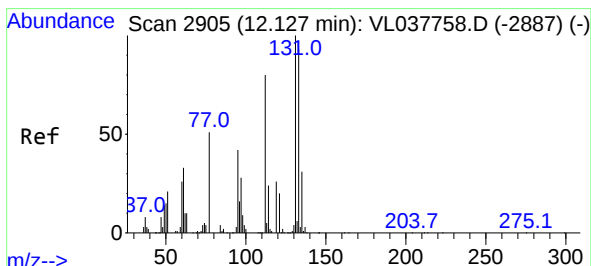
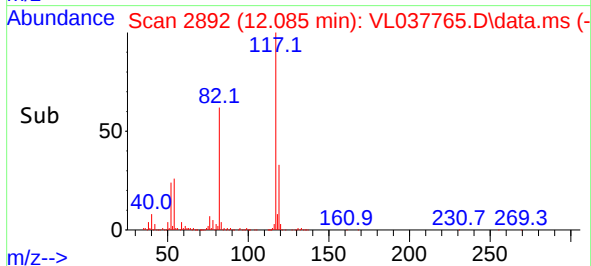
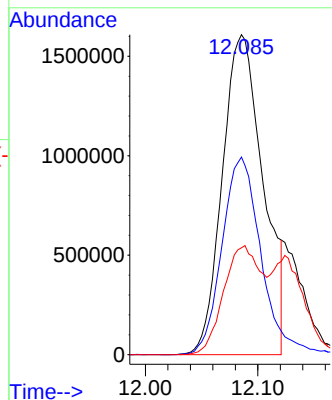
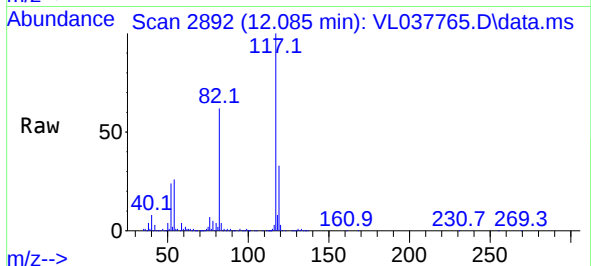
119 33.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021

Supervised By :Semsettin Yesilyurt 10/05/2021



#56

1,1,1,2-Tetrachloroethane

Concen: 9.47 ppbv

RT: 12.124 min Scan# 2904

Delta R.T. -0.003 min

Lab File: VL037765.D

Acq: 4 Oct 2021 18:40

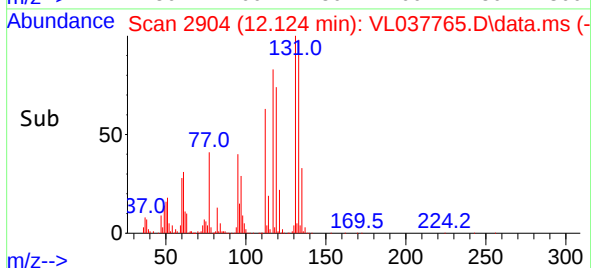
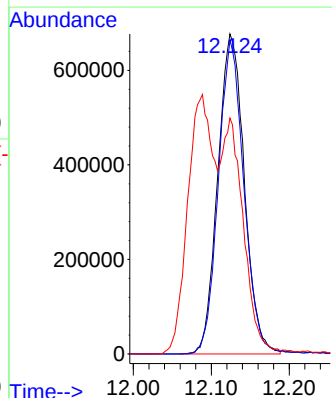
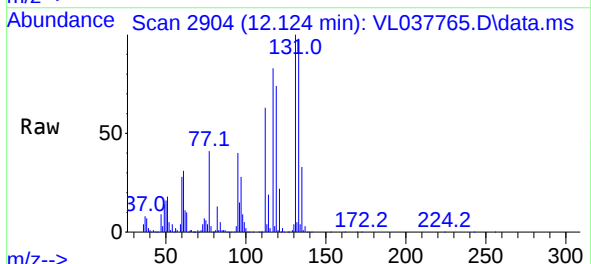
Tgt Ion:131 Resp: 1598594

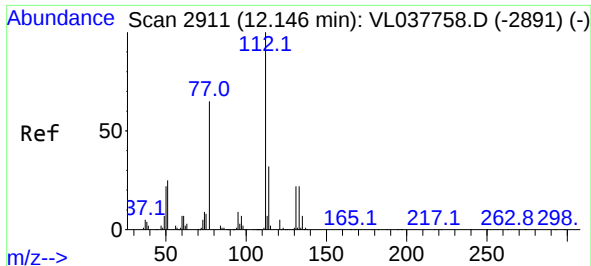
Ion Ratio Lower Upper

131 100

133 94.8 78.5 117.7

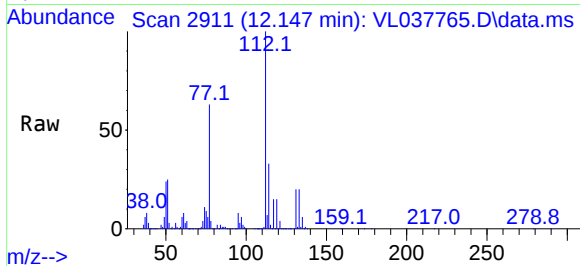
119 61.8 51.7 77.5





#57
Chlorobenzene
Concen: 9.10 ppbv
RT: 12.147 min Scan# 2911
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421

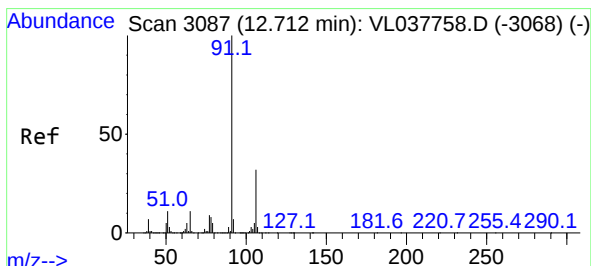
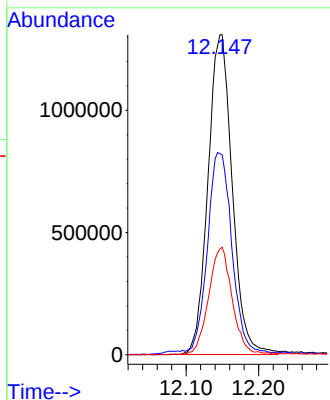
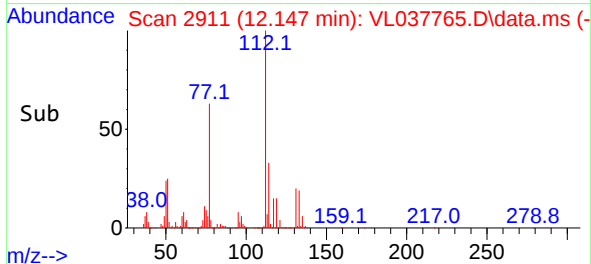


Tgt Ion: 112 Resp: 304481

Ion	Ratio	Lower	Upper
112	100		
77	62.0	51.8	77.8
114	33.0	28.8	35.2

Manual Integrations
APPROVED

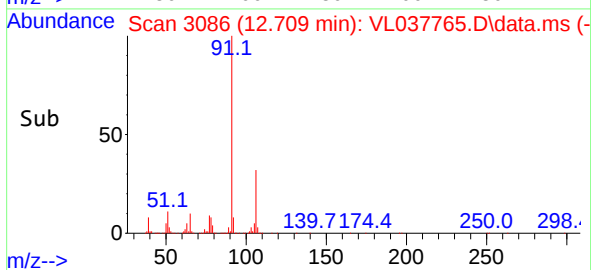
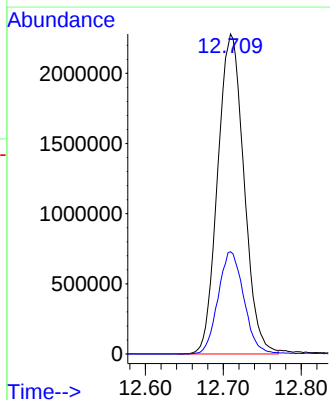
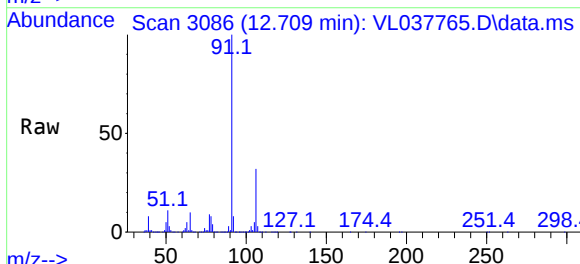
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

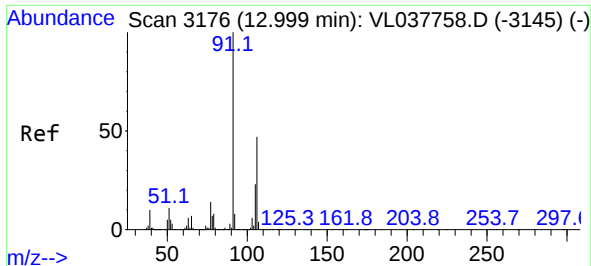


#58
Ethyl Benzene
Concen: 9.77 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Tgt Ion: 91 Resp: 5348051

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.3	37.9





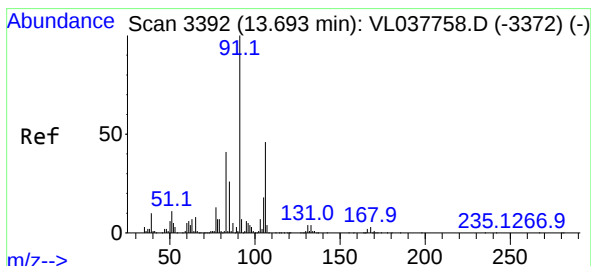
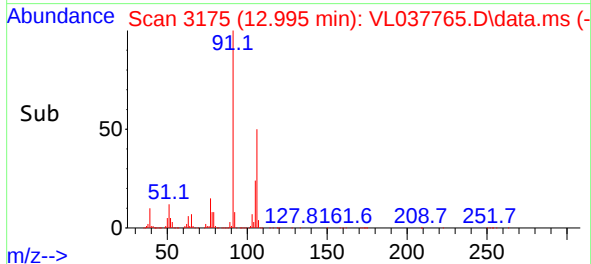
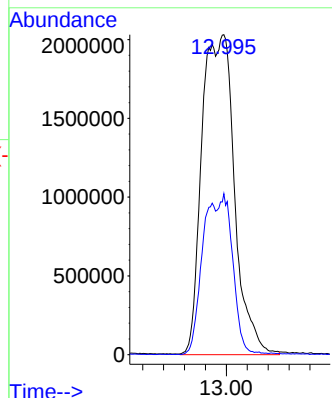
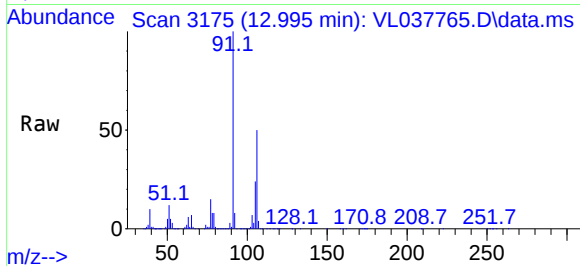
#59
m/p-Xylene
Concen: 18.74 ppbv m
RT: 12.995 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument : MSVOA_L
ClientSampleId : ICVVL100421

Tgt Ion: 91 Resp: 8804704
Ion Ratio Lower Upper
91 100
106 45.5 36.7 55.1

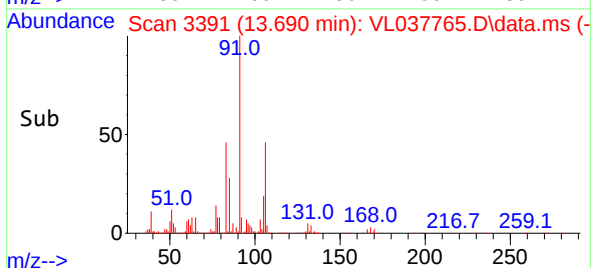
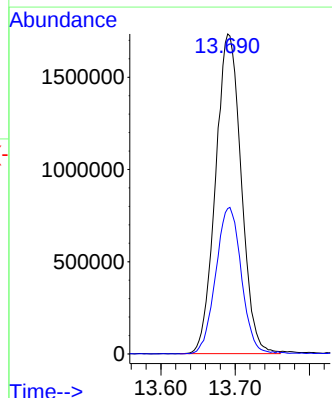
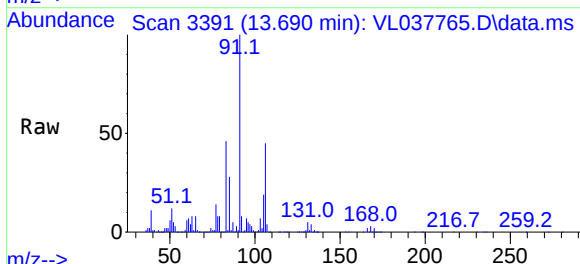
Manual Integrations
APPROVED

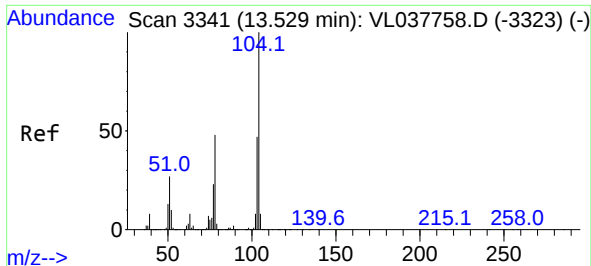
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#60
o-Xylene
Concen: 9.23 ppbv
RT: 13.690 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Tgt Ion: 91 Resp: 4157688
Ion Ratio Lower Upper
91 100
106 45.9 23.5 70.5





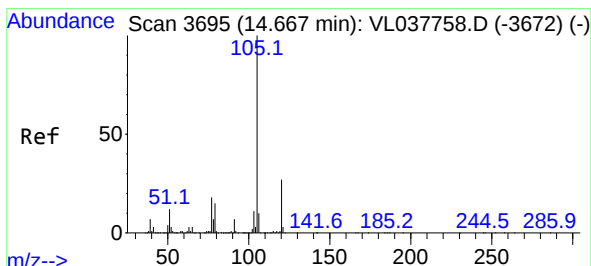
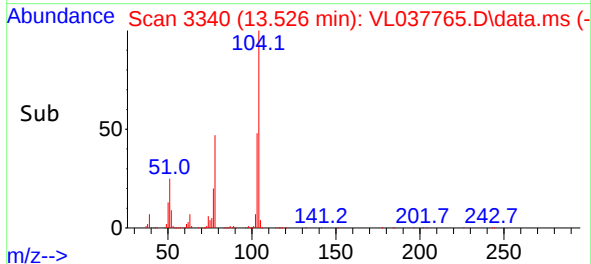
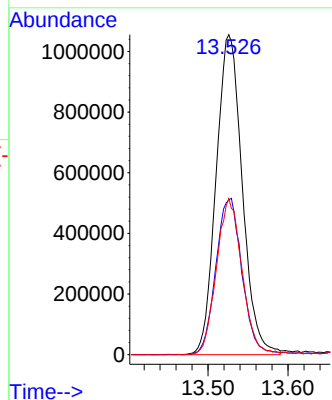
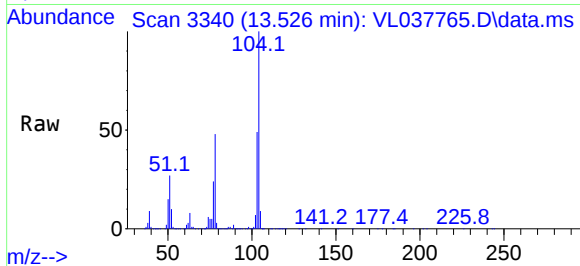
#61
Styrene
Concen: 10.97 ppbv
RT: 13.526 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument : MSVOA_L
ClientSampleId : ICVVL100421

Tgt Ion:104 Resp: 2390234
Ion Ratio Lower Upper
104 100
78 49.6 40.6 61.0
103 48.3 39.6 59.4

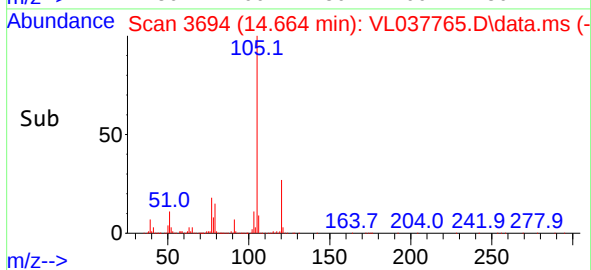
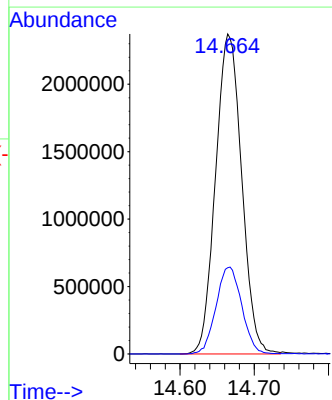
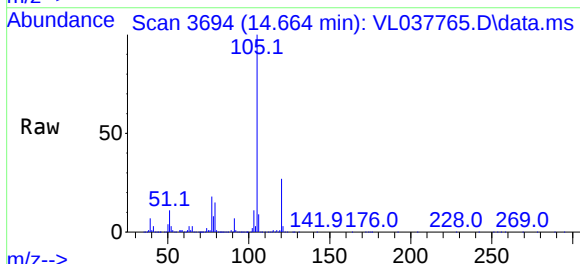
Manual Integrations
APPROVED

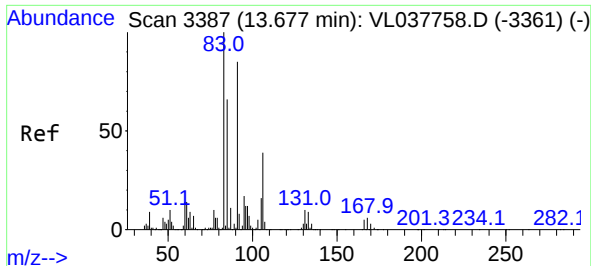
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#62
Isopropylbenzene
Concen: 9.22 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Tgt Ion:105 Resp: 5790745
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9





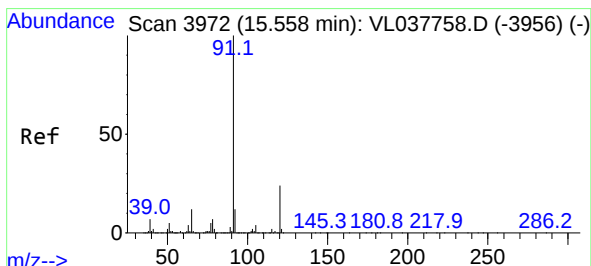
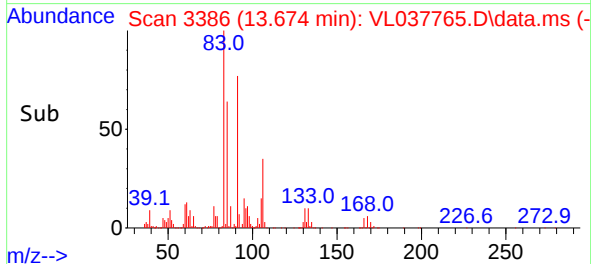
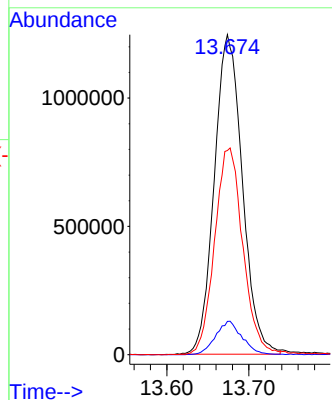
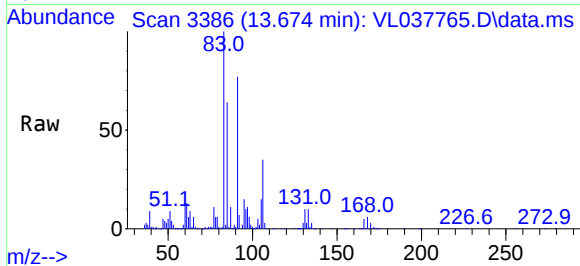
#63
1,1,2,2-Tetrachloroethane
Concen: 8.54 ppbv
RT: 13.674 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421

Tgt Ion: 83 Resp: 296592
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.4 33.1 99.5

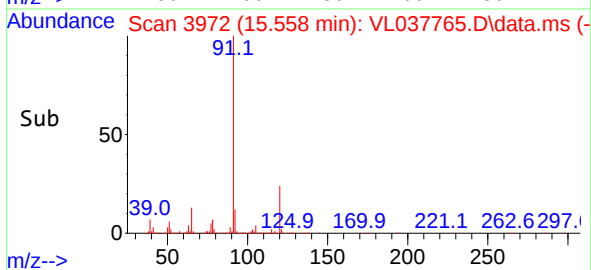
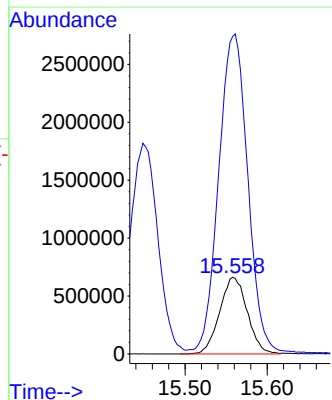
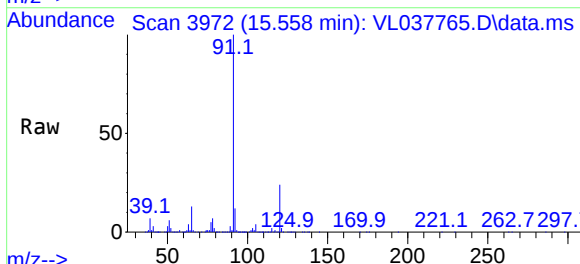
Manual Integrations
APPROVED

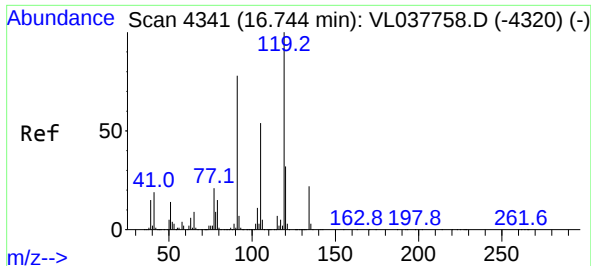
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#64
n-propylbenzene
Concen: 9.88 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Tgt Ion:120 Resp: 1547013
Ion Ratio Lower Upper
120 100
91 443.2 375.0 562.6





#65
tert-Butylbenzene
Concen: 9.04 ppbv
RT: 16.744 min Scan# 4341
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

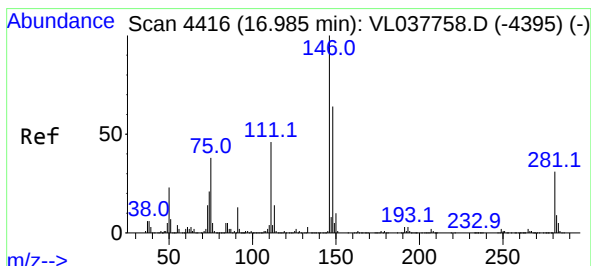
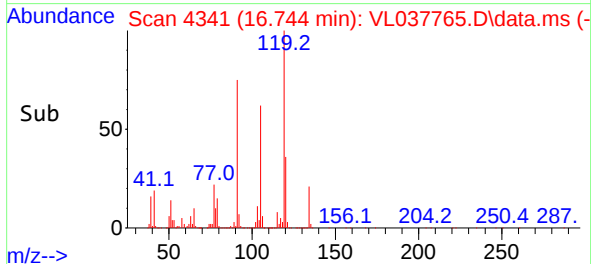
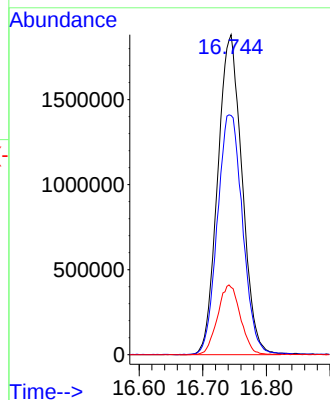
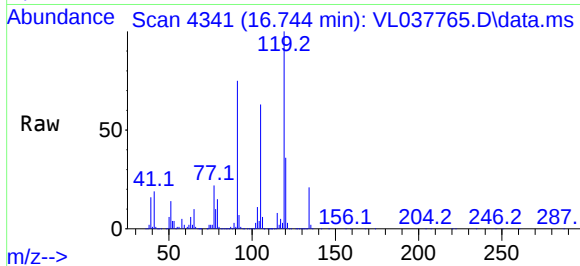
ICVVL100421

Tgt Ion: 119 Resp: 4995139
Ion Ratio Lower Upper
119 100
91 77.6 62.6 94.0
134 20.5 16.3 24.5

Manual Integrations

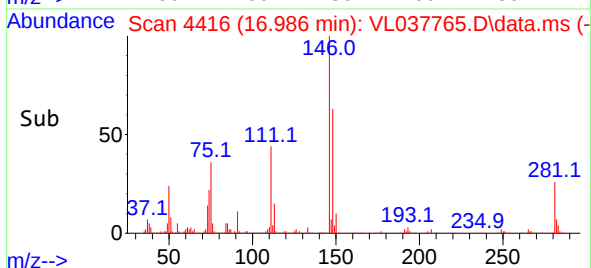
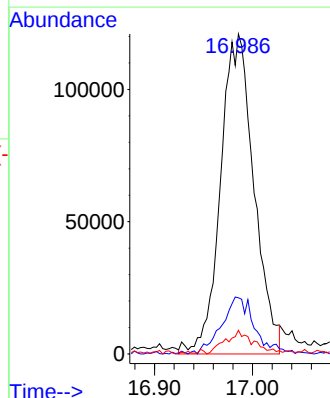
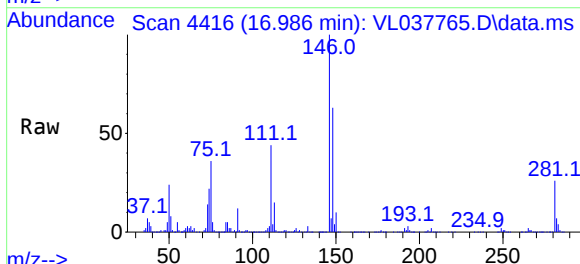
APPROVED

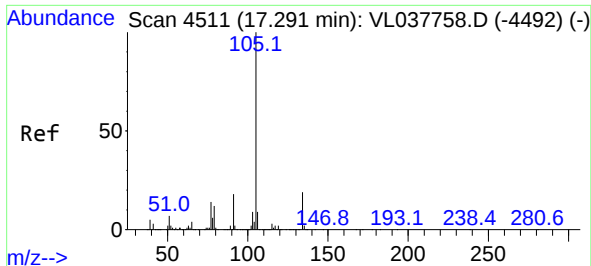
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#66
Benzyl Chloride
Concen: 10.50 ppbv m
RT: 16.986 min Scan# 4416
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

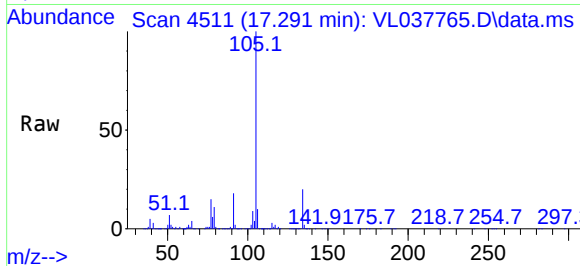
Tgt Ion: 91 Resp: 286509
Ion Ratio Lower Upper
91 100
126 18.0 0.0 0.0#
128 7.2 5.3 7.9





#67
 sec-Butylbenzene
 Concen: 9.19 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. 0.000 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40

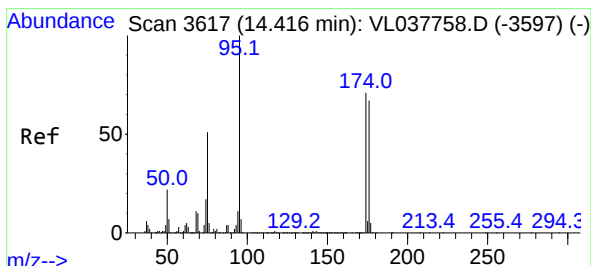
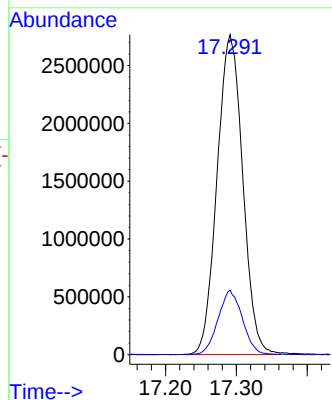
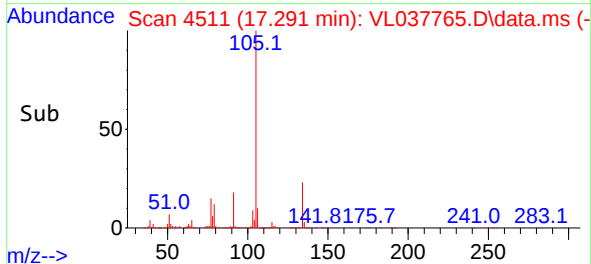
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL100421



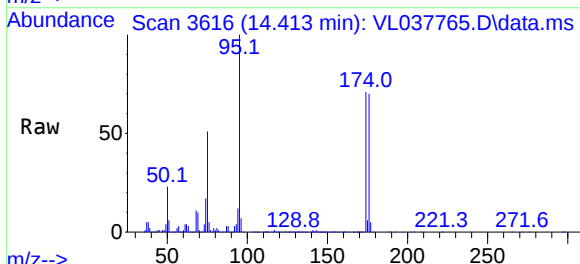
Tgt Ion:105 Resp: 6947500
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

Manual Integrations
 APPROVED

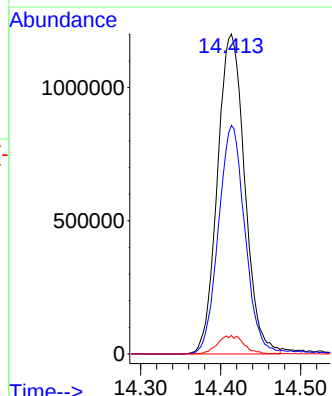
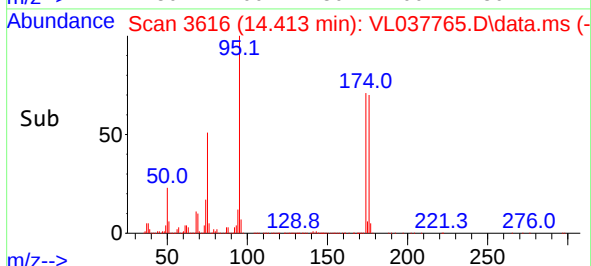
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

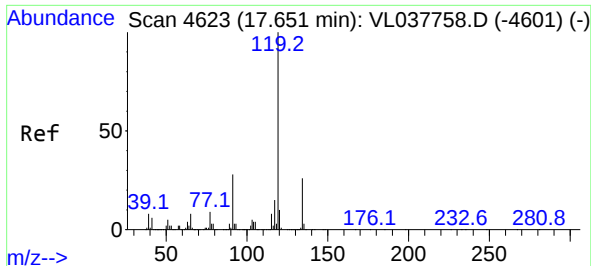


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.98 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. -0.003 min
 Lab File: VL037765.D
 Acq: 4 Oct 2021 18:40



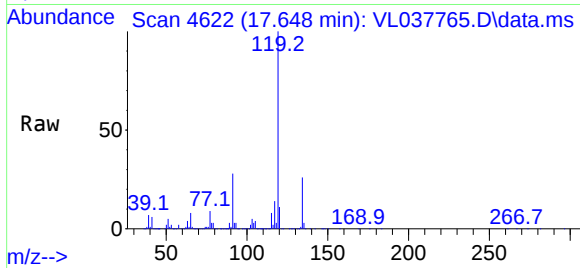
Tgt Ion: 95 Resp: 2844433
 Ion Ratio Lower Upper
 95 100
 174 71.2 57.8 86.6
 175 5.7 4.7 7.1





#69
p-Isopropyltoluene
Concen: 9.38 ppbv
RT: 17.648 min Scan# 4622
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

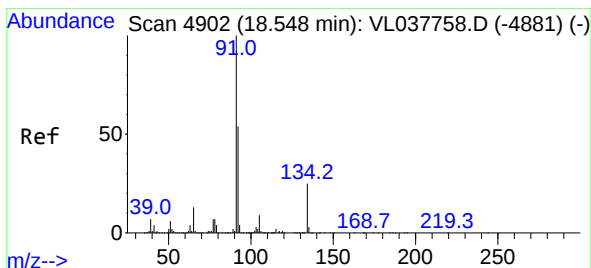
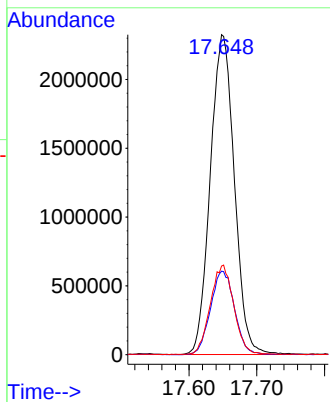
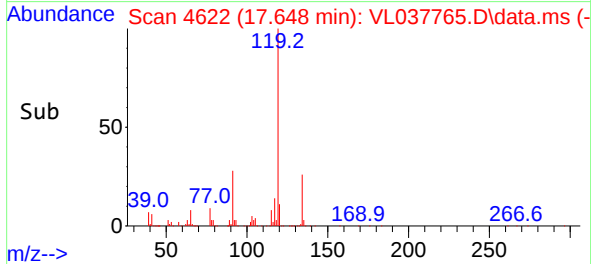
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



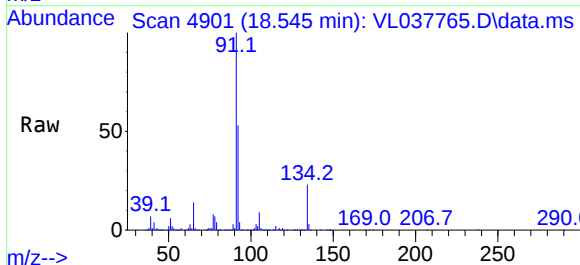
Tgt Ion: 119 Resp: 573339
Ion Ratio Lower Upper
119 100
134 26.2 21.2 31.8
91 27.3 22.2 33.4

Manual Integrations
APPROVED

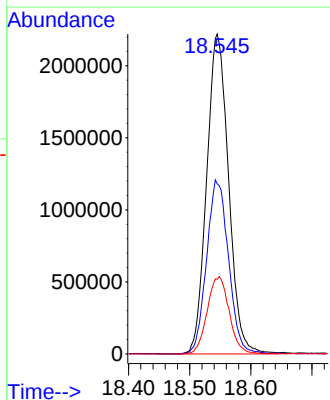
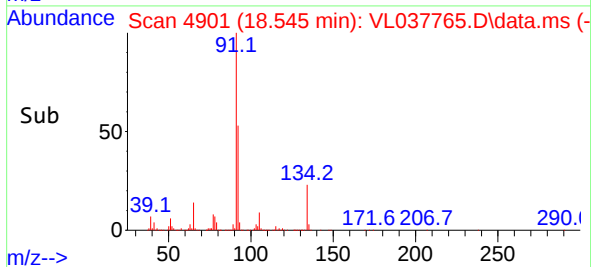
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

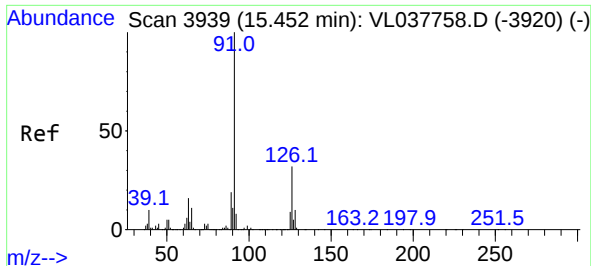


#70
n-Butylbenzene
Concen: 9.54 ppbv
RT: 18.545 min Scan# 4901
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



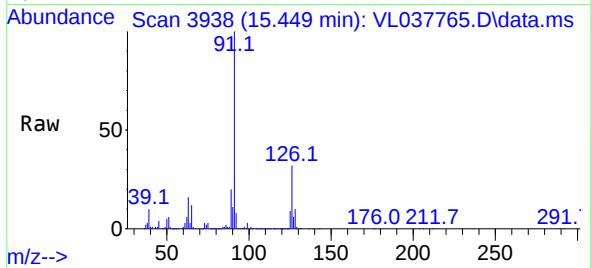
Tgt Ion: 91 Resp: 5540268
Ion Ratio Lower Upper
91 100
92 54.5 43.4 65.0
134 24.4 19.8 29.6





#71
2-Chlorotoluene
Concen: 9.68 ppbv
RT: 15.449 min Scan# 3939
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

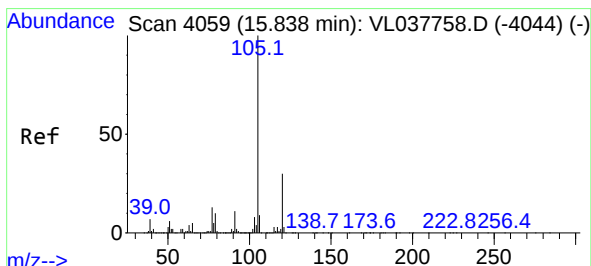
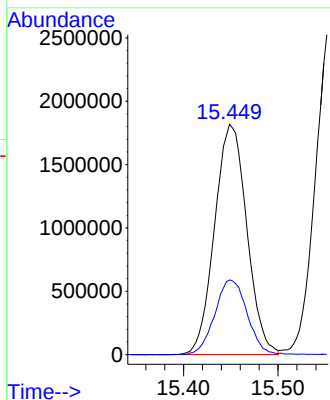
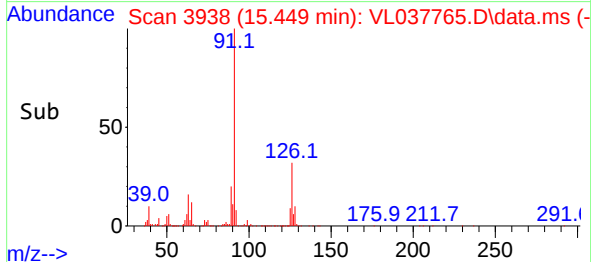
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



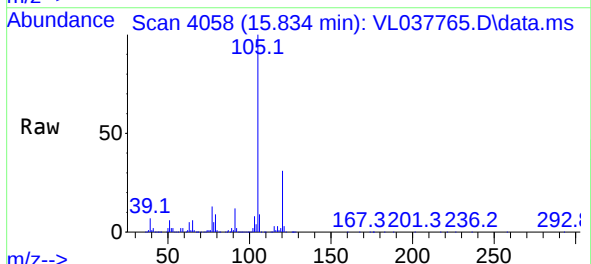
Tgt Ion: 91 Resp: 4294748
Ion Ratio Lower Upper
91 100
126 32.8 13.6 54.6

Manual Integrations
APPROVED

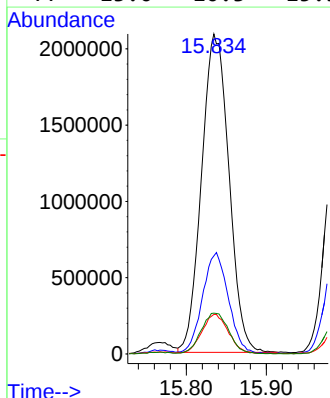
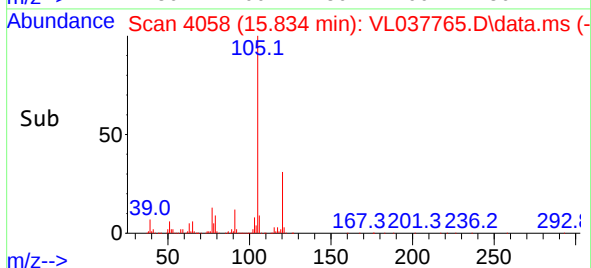
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

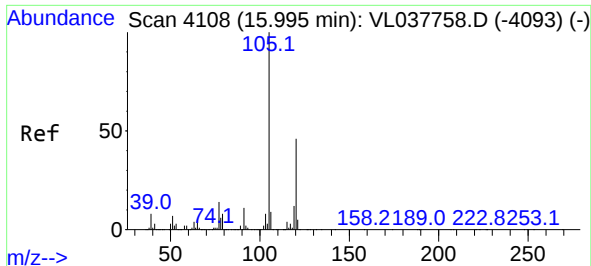


#72
4-Ethyltoluene
Concen: 9.72 ppbv
RT: 15.834 min Scan# 4058
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



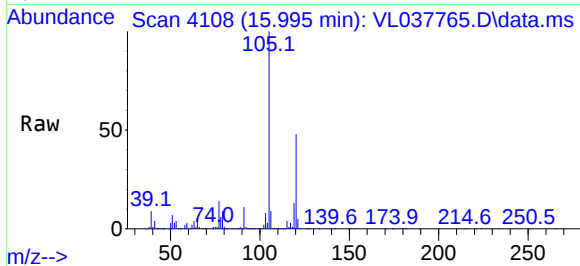
Tgt Ion:105 Resp: 4968887
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 11.9 10.4 15.6
77 13.0 10.3 15.5





#73
1,3,5-Trimethylbenzene
Concen: 9.58 ppbv
RT: 15.995 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

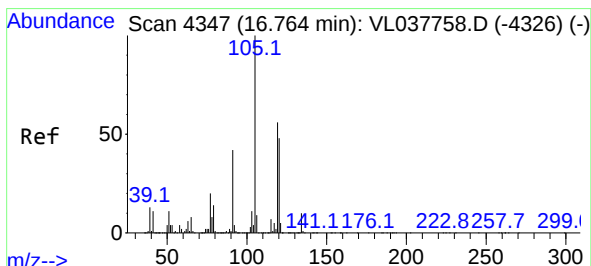
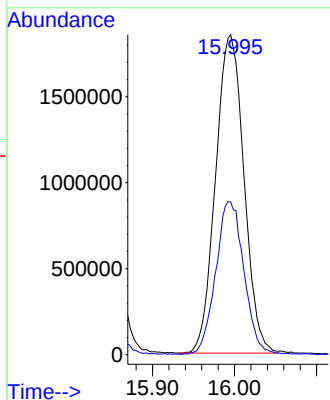
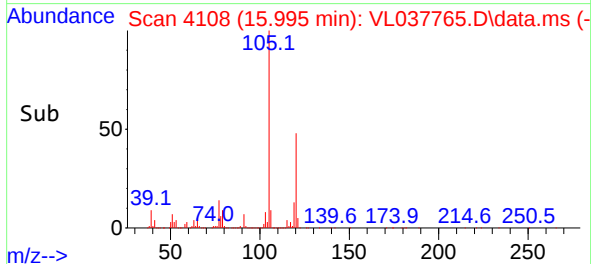
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



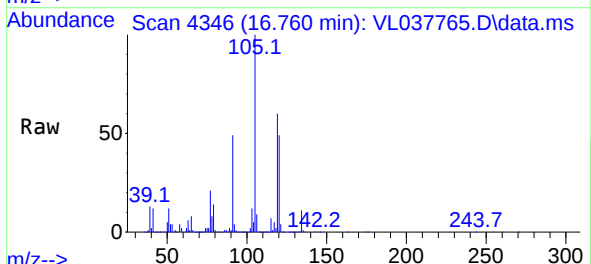
Tgt Ion:105 Resp: 444851
Ion Ratio Lower Upper
105 100
120 47.8 36.6 54.8

Manual Integrations
APPROVED

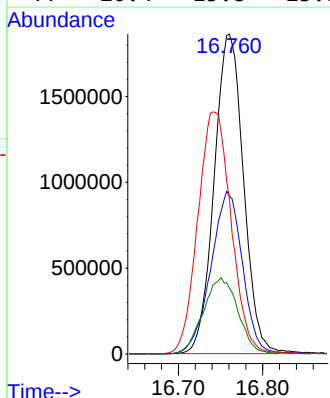
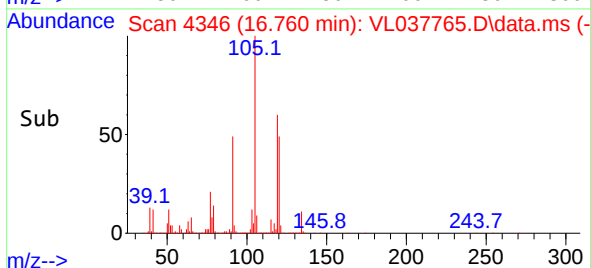
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

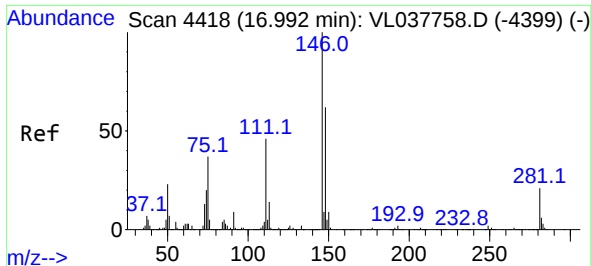


#74
1,2,4-Trimethylbenzene
Concen: 9.20 ppbv
RT: 16.760 min Scan# 4346
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



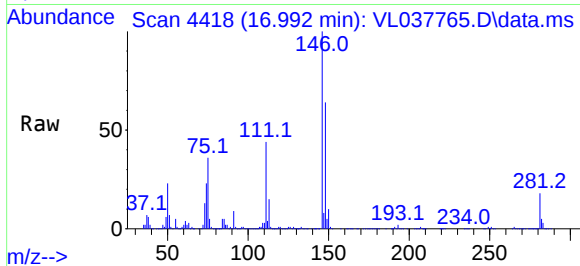
Tgt Ion:105 Resp: 4487480
Ion Ratio Lower Upper
105 100
120 48.9 38.4 57.6
91 48.2 34.2 51.2
77 20.4 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 9.17 ppbv
RT: 16.992 min Scan# 4418
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

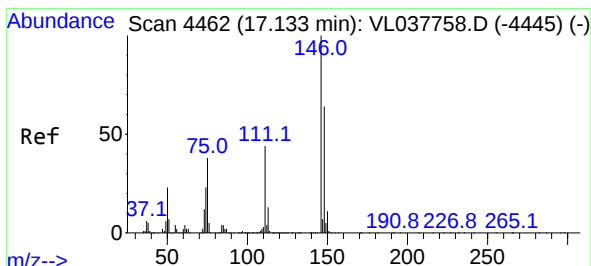
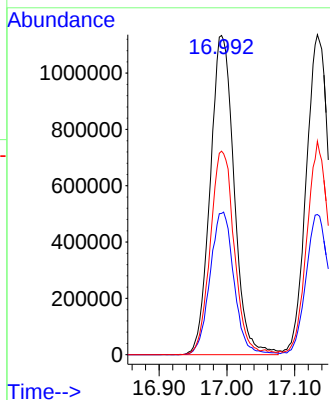
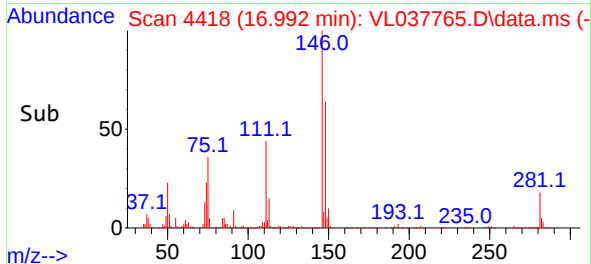
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



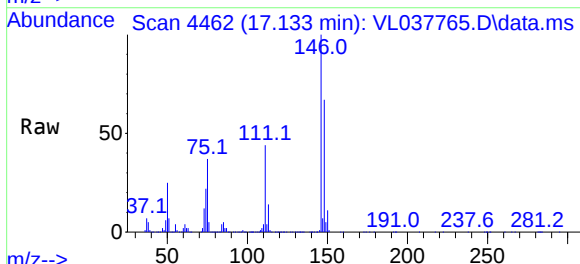
Tgt Ion:146 Resp: 2771586
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.4
148 64.4 32.8 98.3

Manual Integrations
APPROVED

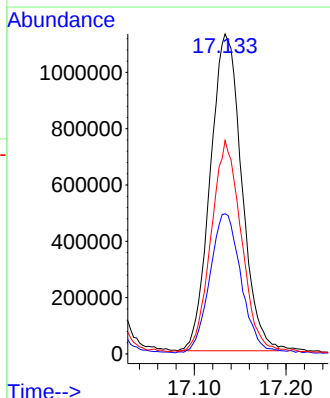
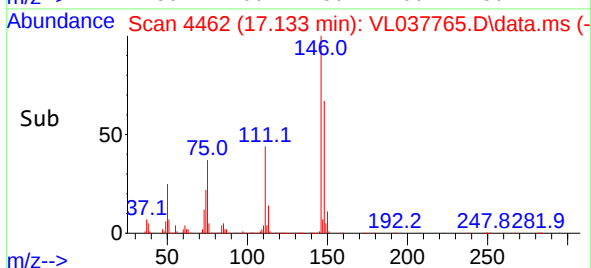
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

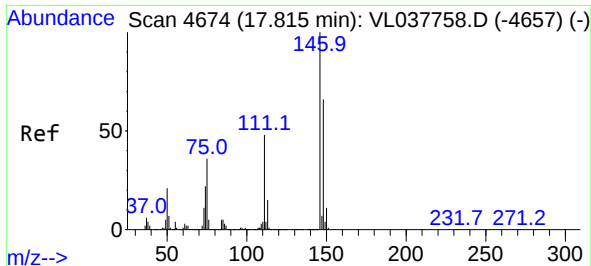


#76
1,4-Dichlorobenzene
Concen: 9.28 ppbv
RT: 17.133 min Scan# 4462
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



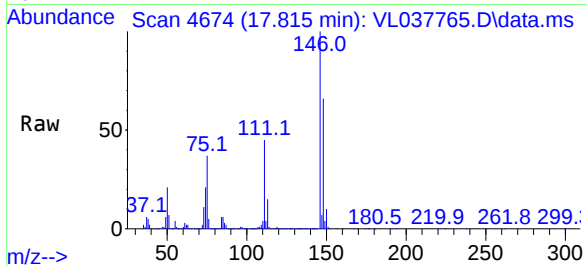
Tgt Ion:146 Resp: 2675366
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.3
148 66.5 33.3 99.9





#77
1,2-Dichlorobenzene
Concen: 9.13 ppbv
RT: 17.815 min Scan# 4674
Delta R.T. 0.000 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

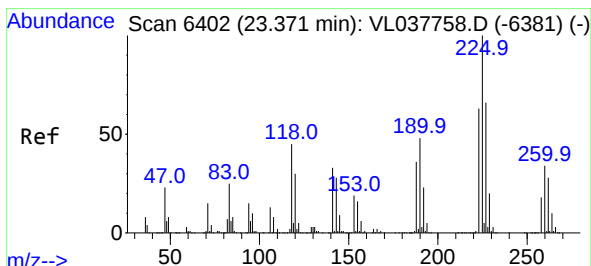
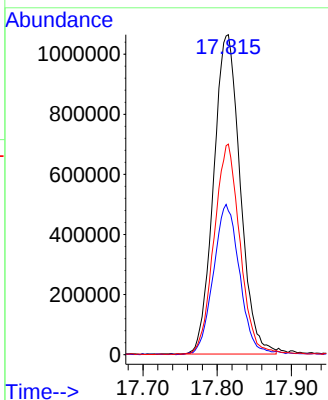
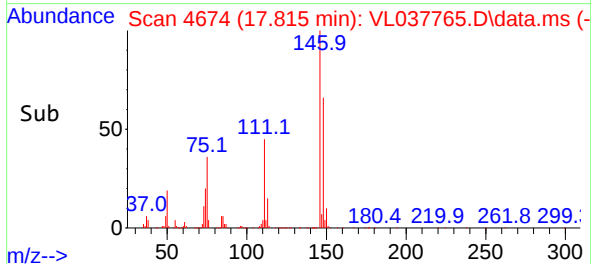
Instrument : MSVOA_L
ClientSampleId : ICVVL100421



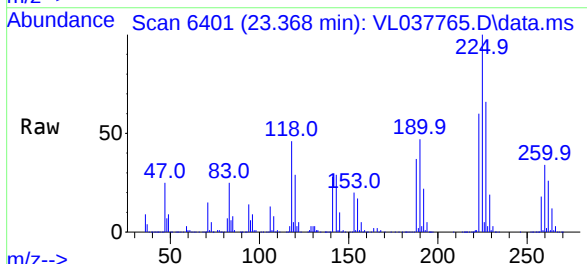
Tgt Ion:146 Resp: 265090
Ion Ratio Lower Upper
146 100
111 47.1 23.6 70.8
148 64.7 32.9 98.6

Manual Integrations
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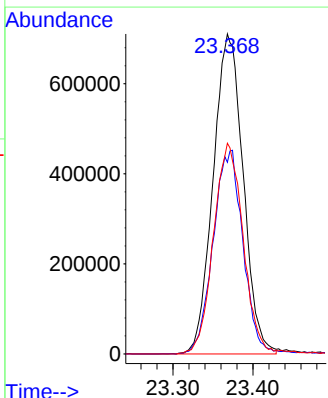
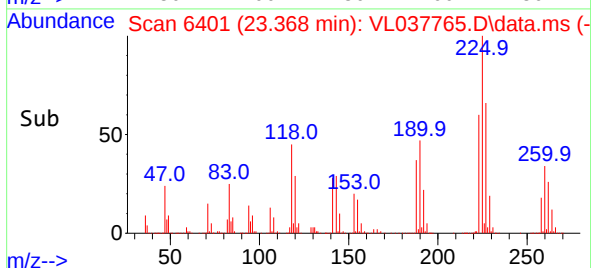
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

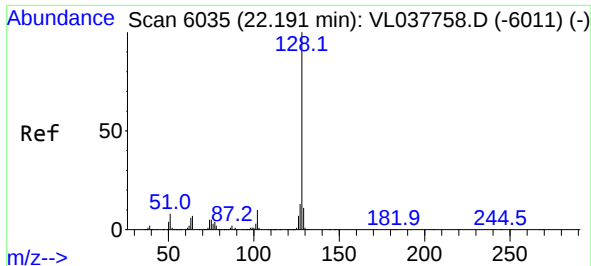


#78
Hexachloro-1,3-Butadiene
Concen: 7.80 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



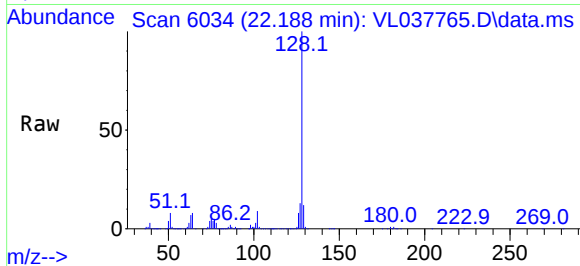
Tgt Ion:225 Resp: 1847966
Ion Ratio Lower Upper
225 100
223 63.8 51.2 76.8
227 65.6 51.1 76.7





#79
Naphthalene
Concen: 10.00 ppbv
RT: 22.188 min Scan# 6034
Delta R.T. -0.003 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40

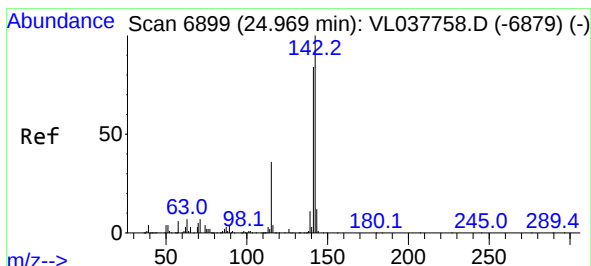
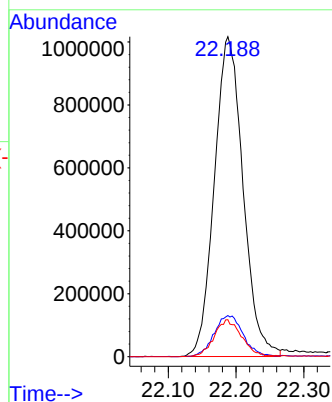
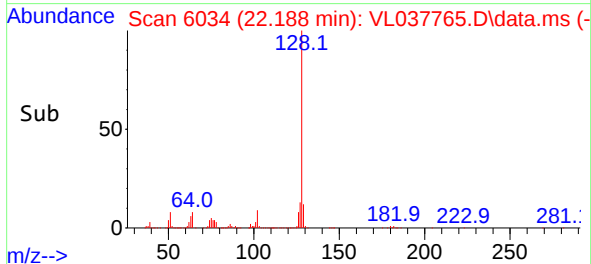
Instrument :
MSVOA_L
ClientSampleId :
ICVVL100421



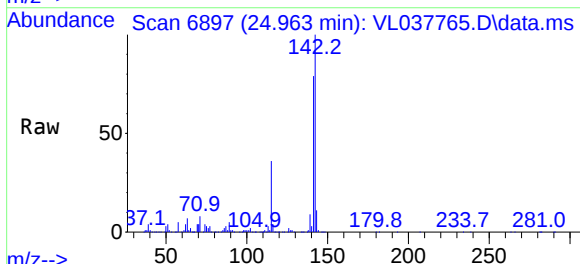
Tgt Ion:128 Resp: 2987350
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.6 9.1 13.7

Manual Integrations
APPROVED

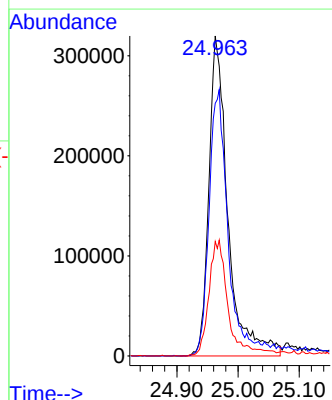
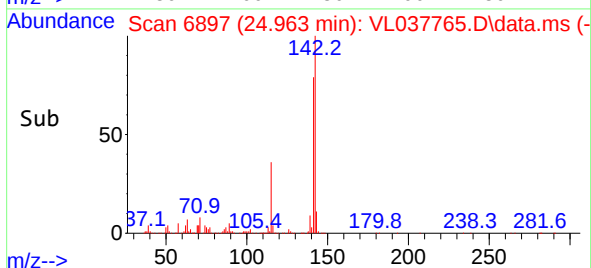
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

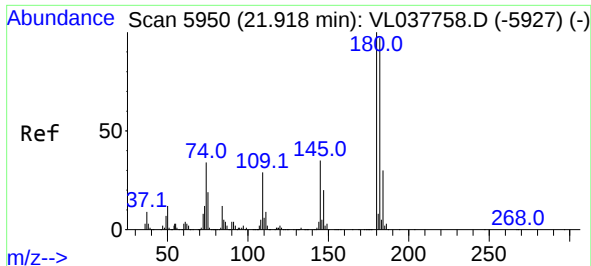


#80
Naphthalene,2-methyl-
Concen: 8.63 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. -0.006 min
Lab File: VL037765.D
Acq: 4 Oct 2021 18:40



Tgt Ion:142 Resp: 691791
Ion Ratio Lower Upper
142 100
141 86.9 68.6 102.8
115 37.9 29.0 43.6





#81

1,2,4-Trichlorobenzene

Concen: 9.54 ppbv

RT: 21.924 min Scan# 5952

Delta R.T. 0.006 min

Lab File: VL037765.D

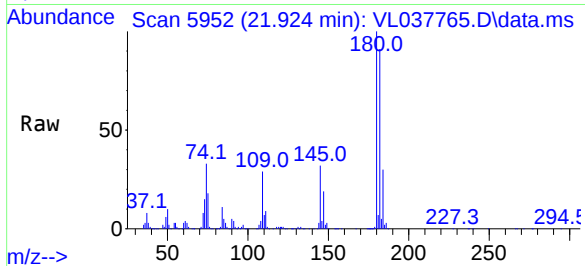
Acq: 4 Oct 2021 18:40

Instrument :

MSVOA_L

ClientSampleId :

ICVVL100421



Tgt Ion:180 Resp: 1823474

Ion Ratio Lower Upper

180 100

182 97.1 77.6 116.4

184 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021

Supervised By :Semsettin Yesilyurt 10/05/2021

