

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\
 Data File : VL037759.D
 Acq On : 4 Oct 2021 12:18
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 12:53:03 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 12:52:19 2021

QLast Update : Mon Oct 04 12:52:19 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1486157	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	4399264	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	4009519	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 2682997 9.26 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.047	85	391068m	1.45 ppbv	
3) Chlorodifluoromethane	2.989	51	597383	2.13 ppbv	99
4) Chloromethane	3.141	50	215535	2.08 ppbv	97
5) Vinyl Chloride	3.260	62	212062	2.18 ppbv	97
6) Bromomethane	3.472	94	102844	1.82 ppbv	94
7) Chloroethane	3.555	64	75647	2.08 ppbv #	80
8) Dichlorotetrafluoroethane	3.189	85	463937	2.00 ppbv	97
9) Propene	3.009	41	212359	2.15 ppbv	98
10) Heptane	8.118	43	498076	2.16 ppbv	97
11) Trichlorofluoromethane	3.951	101	423491	1.96 ppbv	90
12) 1,1,2-Trichlorotrifluoro...	4.481	101	336336m	2.11 ppbv	
13) Ethanol	3.616	45	17983	1.86 ppbv	78
14) Bromoethene	3.739	108	143320	1.98 ppbv	97
15) Acetone	3.854	43	278249m	1.80 ppbv	
16) 1,3-Butadiene	3.324	39	205009	2.12 ppbv	100
17) tert-Butyl alcohol	4.295	59	290281m	2.22 ppbv	
18) 1,1-Dichloroethene	4.288	96	150680	2.03 ppbv	93
19) Isopropyl Alcohol	3.970	45	181875m	2.16 ppbv	
20) Methylene Chloride	4.343	84	149982	2.03 ppbv	89
21) Allyl Chloride	4.411	41	247106m	2.14 ppbv	
22) trans-1,2-Dichloroethene	4.887	96	137440	1.84 ppbv	99
23) Vinyl Acetate	5.070	43	441228	2.06 ppbv	98
24) 1,1-Dichloroethane	5.009	63	312341	2.04 ppbv	97
25) Ethyl Acetate	5.681	43	785584	2.10 ppbv	98
26) Hexane	5.687	57	386298	2.17 ppbv	98
27) Carbon Disulfide	4.549	76	339323	2.09 ppbv	98
28) Methyl tert-Butyl Ether	5.038	73	331790	2.12 ppbv	99
29) Chloroform	5.748	83	541872	2.09 ppbv	96
30) Cyclohexane	7.124	84	336517m	2.21 ppbv	
31) cis-1,2-Dichloroethene	5.542	61	356060m	2.21 ppbv	
32) 1,1,1-Trichloroethane	6.504	97	523130m	2.17 ppbv	
34) 2-Butanone	5.250	43	381378m	2.13 ppbv	
35) Carbon Tetrachloride	7.018	117	512141	2.06 ppbv	96
36) Benzene	6.886	78	781138	2.13 ppbv	97
37) 1,2-Dichloroethane	6.301	62	367277	2.04 ppbv	99
38) Trichloroethene	7.835	130	308273	2.01 ppbv	96
39) 1,2-Dichloropropane	7.607	63	285242	2.03 ppbv	95
40) 1,4-Dioxane	7.845	88	82515m	2.41 ppbv	
41) Tetrahydrofuran	6.063	42	192121m	2.29 ppbv	
42) Bromodichloromethane	7.787	83	544973	2.11 ppbv	99
43) Methyl Methacrylate	8.012	69	259793	2.13 ppbv	100
44) 2,2,4-Trimethylpentane	7.867	57	1349693	2.19 ppbv	99
45) t-1,3-Dichloropropene	9.275	75	166045	1.73 ppbv	96

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Manual Integrations
 APPROVED

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

Quant Time: Oct 04 12:53:03 2021

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 04 12:52:19 2021

QLast Update : Mon Oct 04 12:52:19 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	238015	1.84	ppbv	96
47) 1,1,2-Trichloroethane	9.472	97	310636	2.00	ppbv	98
48) Dibromochloromethane	10.304	129	463975	2.14	ppbv	100
49) Bromoform	13.034	173	353933	2.04	ppbv	97
50) 4-Methyl-2-Pentanone	8.751	43	479915	2.11	ppbv	100
51) 2-Hexanone	10.147	43	205602	2.05	ppbv #	97
52) Tetrachloroethene	11.221	164	298915	2.12	ppbv	96
53) Toluene	9.803	91	882949	2.17	ppbv	99
54) 1,2-Dibromoethane	10.607	107	432145	2.03	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.121	131	341808	2.06	ppbv #	1
57) Chlorobenzene	12.140	112	680276	2.04	ppbv	95
58) Ethyl Benzene	12.709	91	1148730	2.16	ppbv	99
59) m/p-Xylene	12.992	91	1977702m	4.26	ppbv	
60) o-Xylene	13.687	91	928899	2.10	ppbv	99
61) Styrene	13.526	104	445624	2.05	ppbv	99
62) Isopropylbenzene	14.664	105	1310189	2.12	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.677	83	680067	1.97	ppbv	98
64) n-propylbenzene	15.555	120	326551	2.05	ppbv	92
65) tert-Butylbenzene	16.741	119	1178442	2.12	ppbv	99
66) Benzyl Chloride	16.979	91	47053m	1.55	ppbv	
67) sec-Butylbenzene	17.294	105	1614404	2.14	ppbv	98
69) p-Isopropyltoluene	17.648	119	1322652	2.15	ppbv	99
70) n-Butylbenzene	18.548	91	1256579	2.15	ppbv	99
71) 2-Chlorotoluene	15.449	91	909133	2.06	ppbv	100
72) 4-Ethyltoluene	15.838	105	1076311	2.12	ppbv	99
73) 1,3,5-Trimethylbenzene	15.992	105	961295	2.04	ppbv	96
74) 1,2,4-Trimethylbenzene	16.757	105	1049958	2.11	ppbv #	93
75) 1,3-Dichlorobenzene	16.989	146	606471	1.96	ppbv	98
76) 1,4-Dichlorobenzene	17.137	146	572932	1.88	ppbv	97
77) 1,2-Dichlorobenzene	17.815	146	592916	2.02	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	529840m	2.15	ppbv	
79) Naphthalene	22.195	128	700533m	2.29	ppbv	
80) Naphthalene,2-methyl-	24.973	142	256671	3.68	ppbv	95
81) 1,2,4-Trichlorobenzene	21.921	180	421787	2.15	ppbv	98

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

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Sample : VSTDIC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Manual Integrations
APPROVED

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

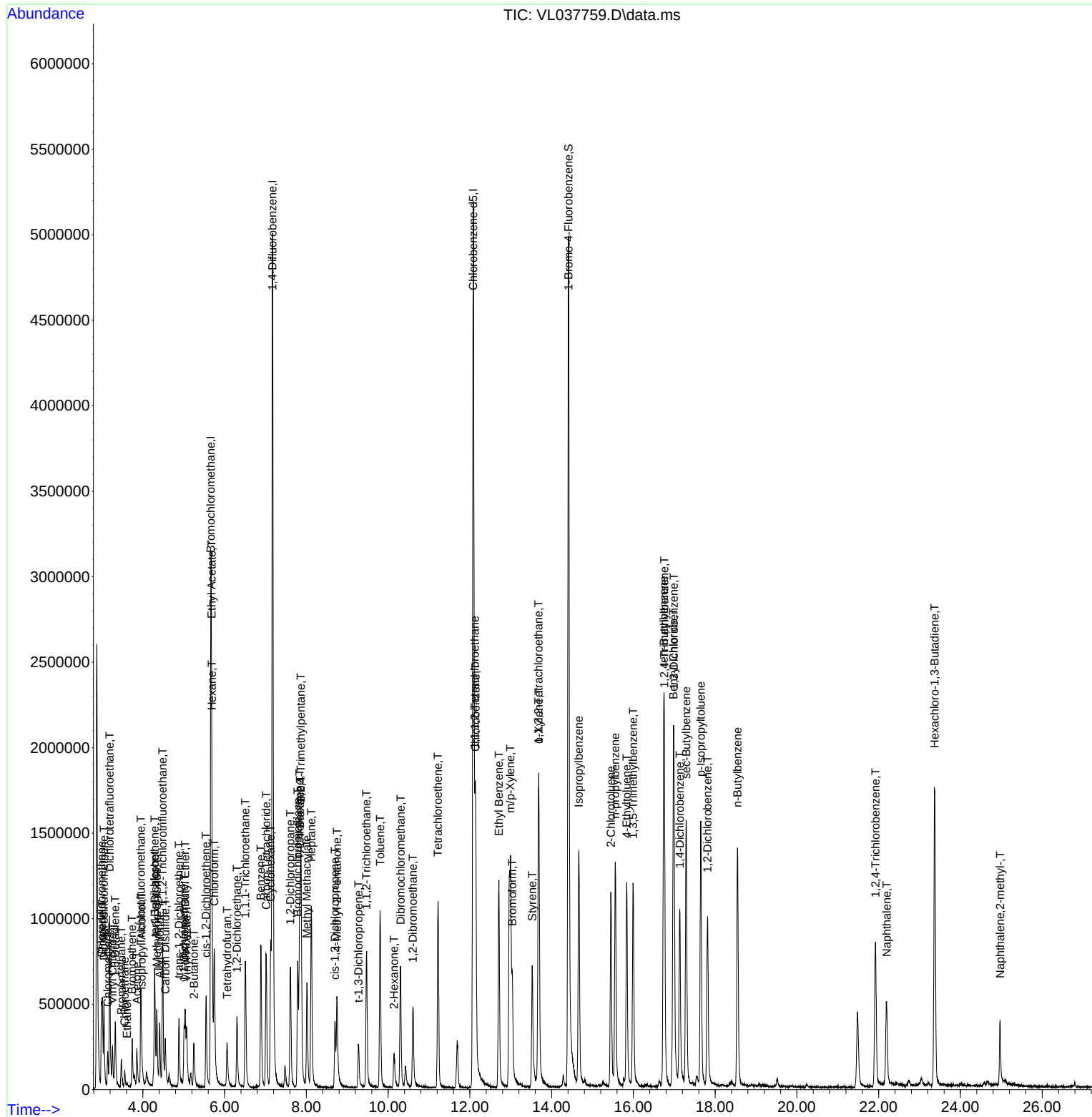
Quant Time: Oct 04 12:53:03 2021

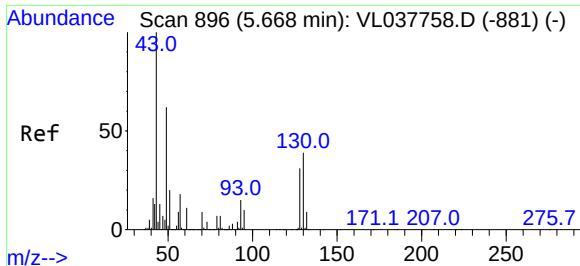
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct

QLast Update : Mon Oct 04 12:52:19 2021

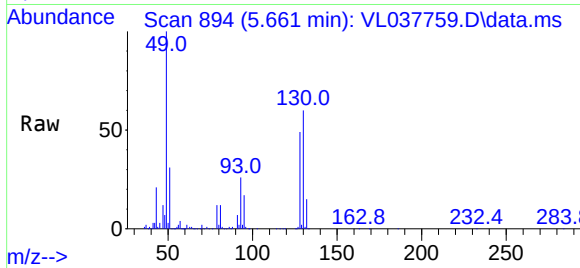
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.661 min Scan# 89
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

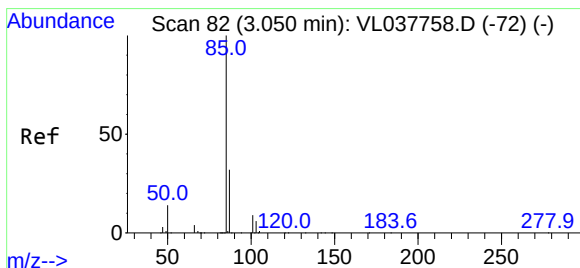
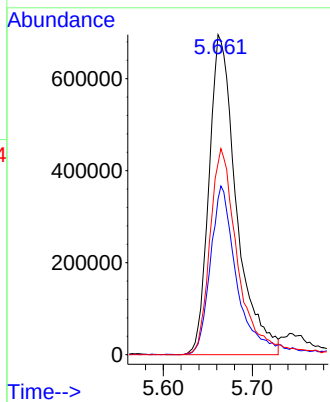
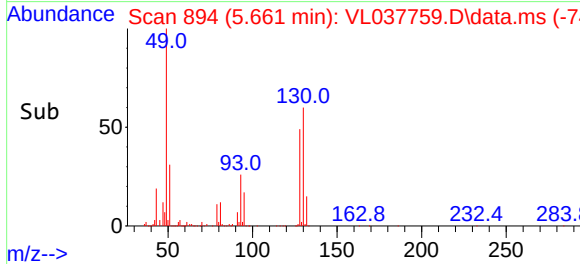
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 49 Resp: 148615
Ion Ratio Lower Upper
49 100
128 53.0 27.1 81.3
130 66.5 33.2 99.6

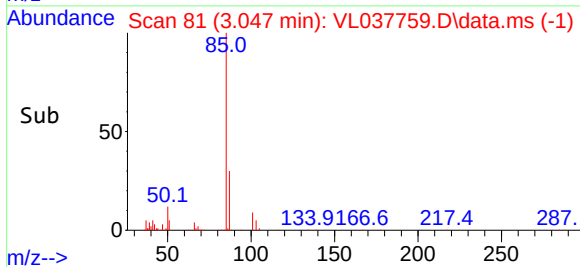
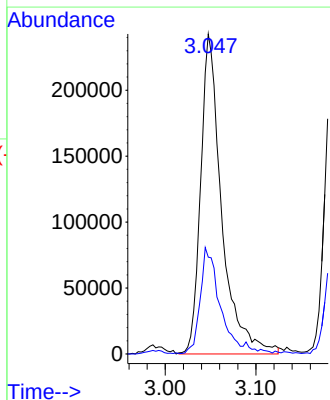
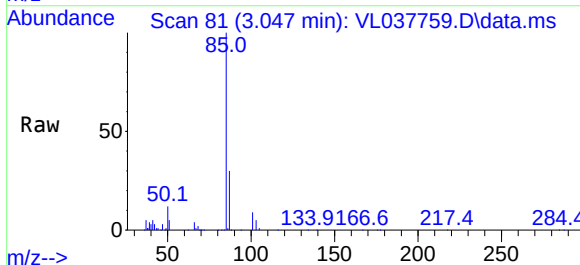
Manual Integrations
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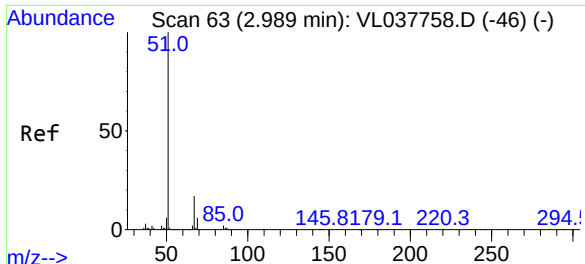
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#2
Dichlorodifluoromethane
Concen: 1.45 ppbv m
RT: 3.047 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

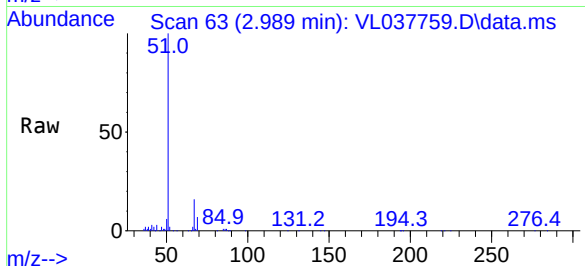
Tgt Ion: 85 Resp: 391068
Ion Ratio Lower Upper
85 100
87 30.3 25.7 38.5





#3
Chlorodifluoromethane
Concen: 2.13 ppbv
RT: 2.989 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

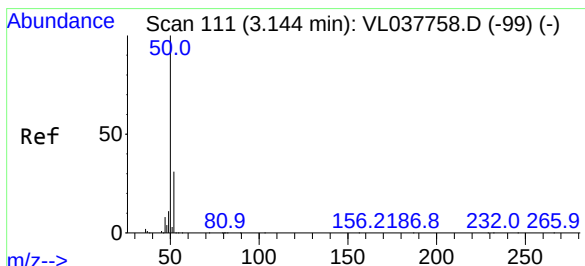
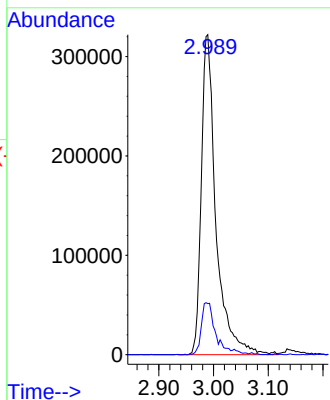
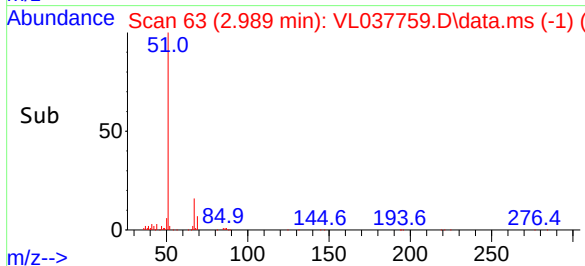
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



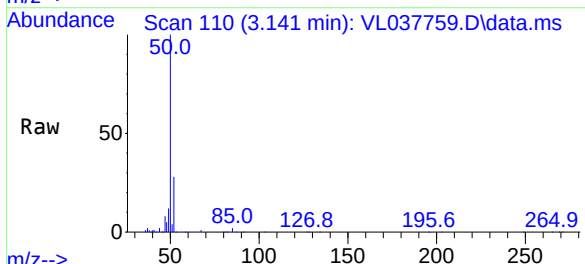
Tgt Ion: 51 Resp: 59738
Ion Ratio Lower Upper
51 100
67 16.4 13.5 20.3

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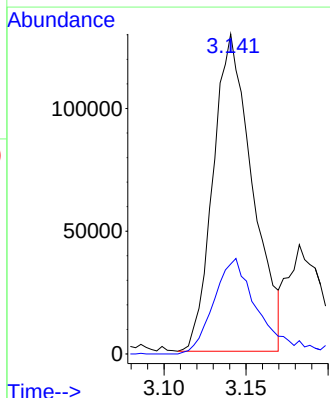
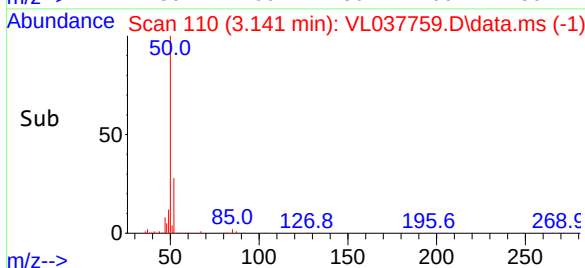
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

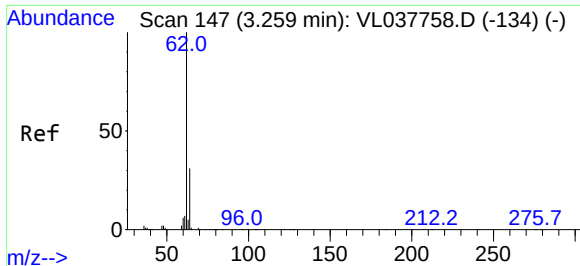


#4
Chloromethane
Concen: 2.08 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



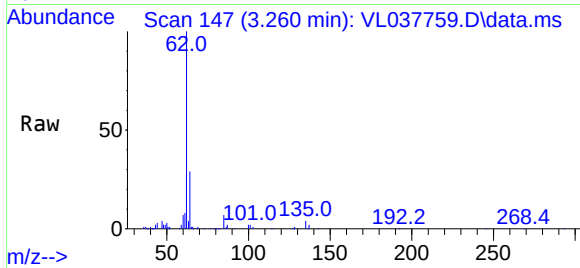
Tgt Ion: 50 Resp: 215535
Ion Ratio Lower Upper
50 100
52 28.6 24.4 36.6





#5
 Vinyl Chloride
 Concen: 2.18 ppbv
 RT: 3.260 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

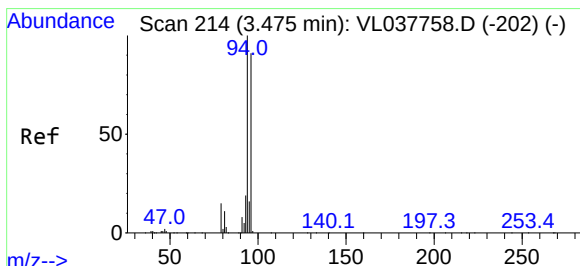
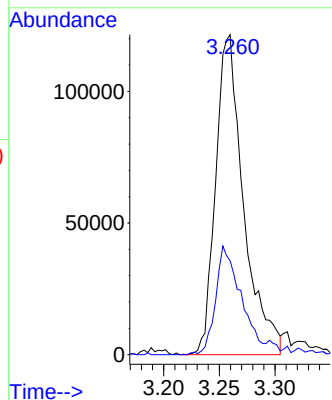
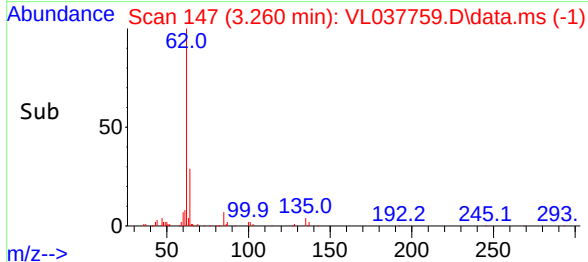
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



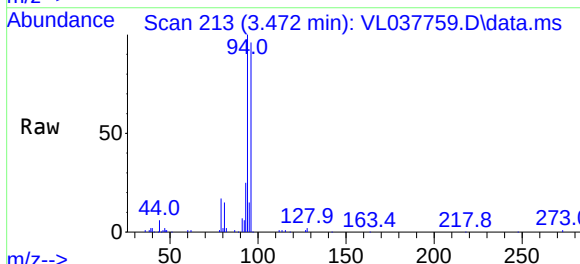
Tgt Ion: 62 Resp: 212062
 Ion Ratio Lower Upper
 62 100
 64 29.4 24.9 37.3

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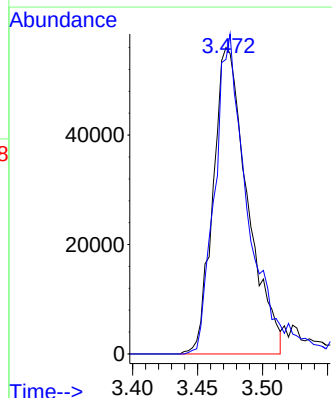
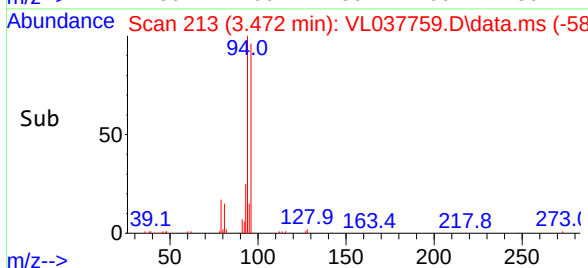
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

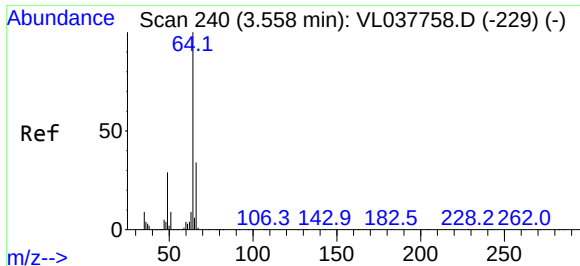


#6
 Bromomethane
 Concen: 1.82 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18



Tgt Ion: 94 Resp: 102844
 Ion Ratio Lower Upper
 94 100
 96 96.2 72.5 108.7





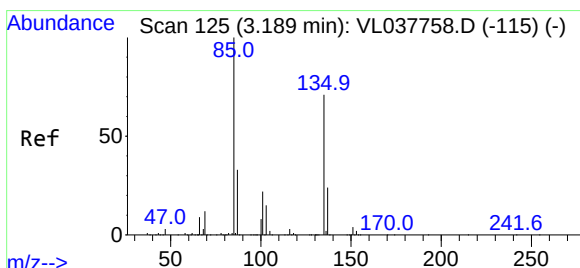
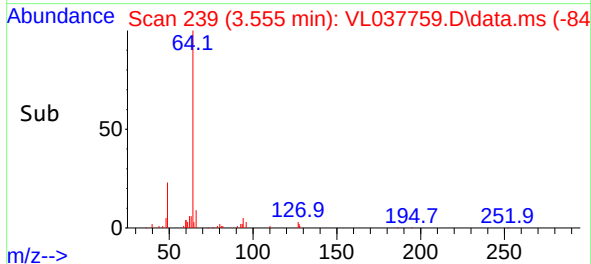
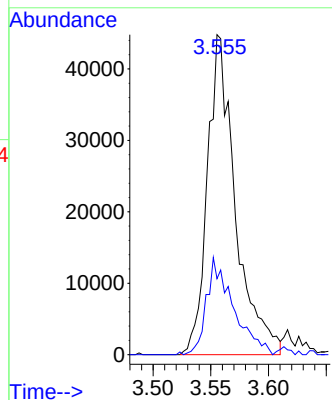
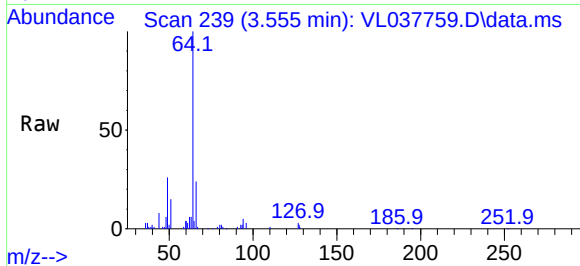
#7
Chloroethane
Concen: 2.08 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 64 Resp: 7564
Ion Ratio Lower Upper
64 100
66 22.9 27.5 41.3

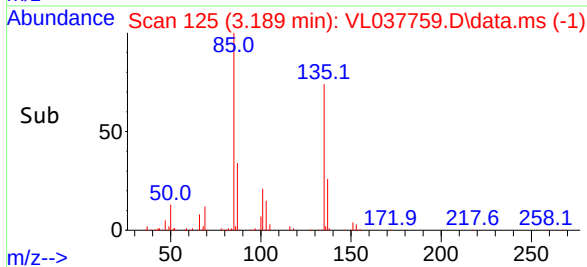
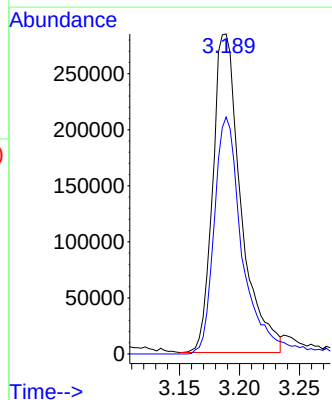
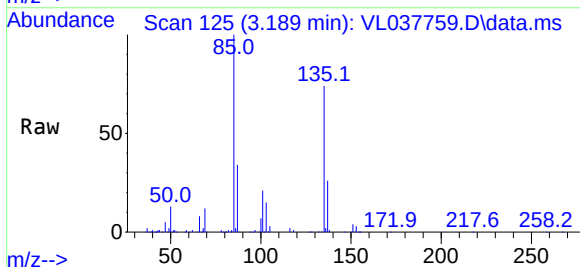
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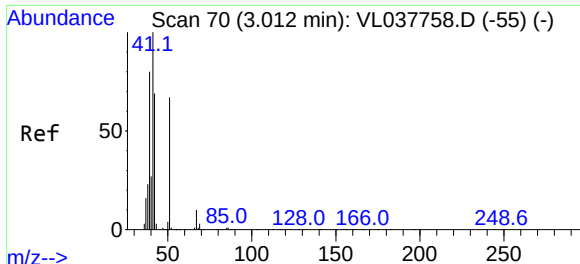
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#8
Dichlorotetrafluoroethane
Concen: 2.00 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Tgt Ion: 85 Resp: 463937
Ion Ratio Lower Upper
85 100
135 76.8 59.5 89.3





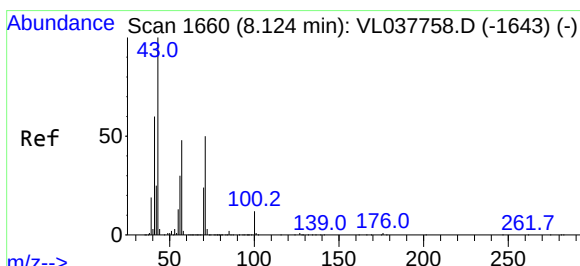
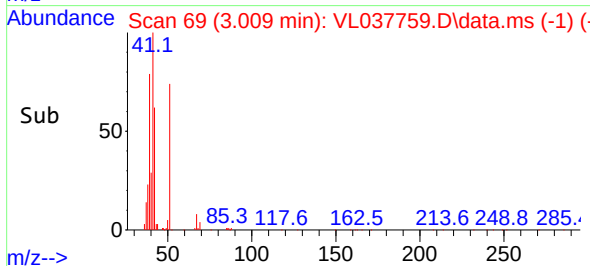
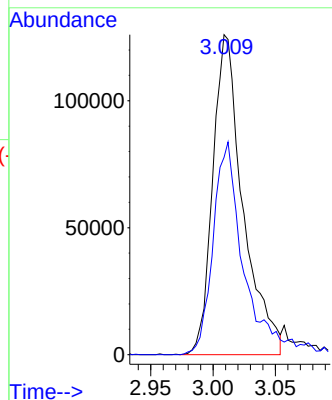
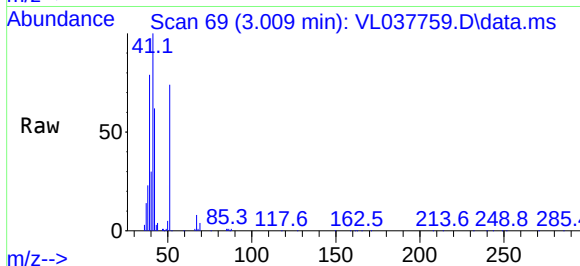
#9
Propene
Concen: 2.15 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 41 Resp: 21235
Ion Ratio Lower Upper
41 100
42 69.3 54.2 81.2

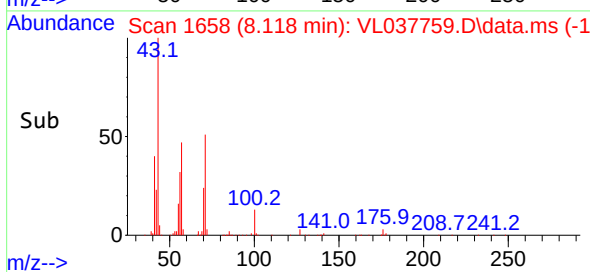
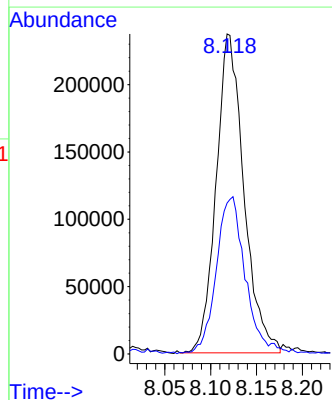
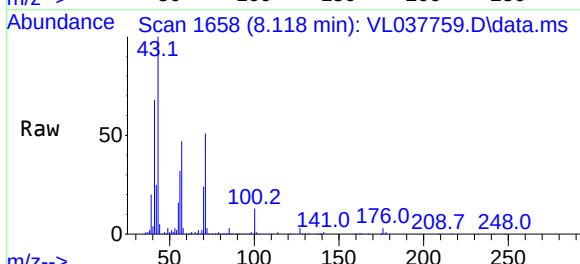
Manual Integrations
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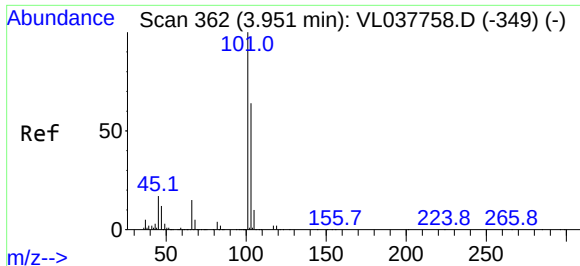
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#10
Heptane
Concen: 2.16 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

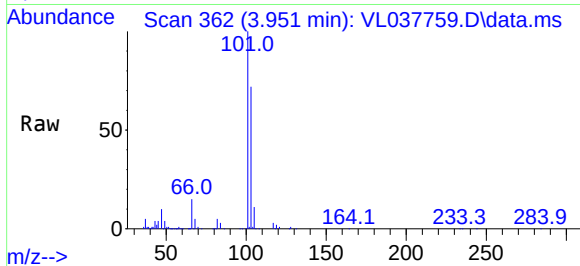
Tgt Ion: 43 Resp: 498076
Ion Ratio Lower Upper
43 100
57 51.9 40.0 60.0





#11
Trichlorofluoromethane
Concen: 1.96 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

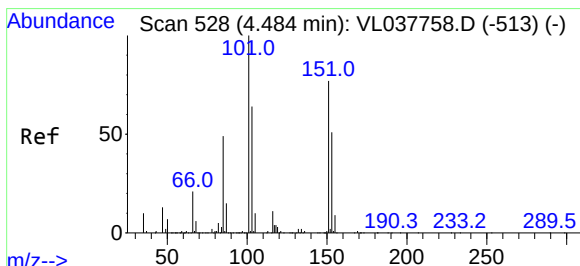
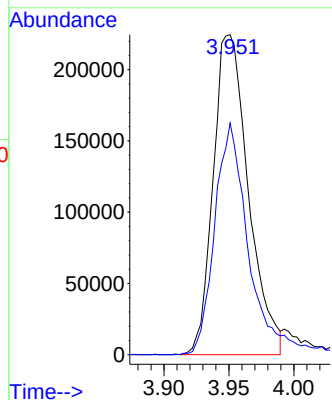
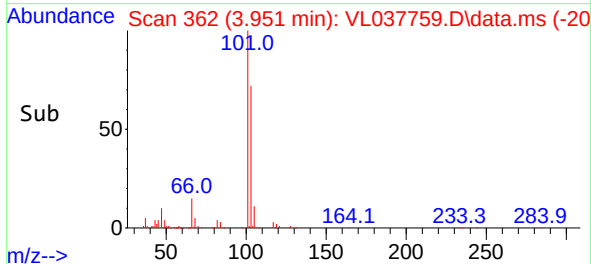
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



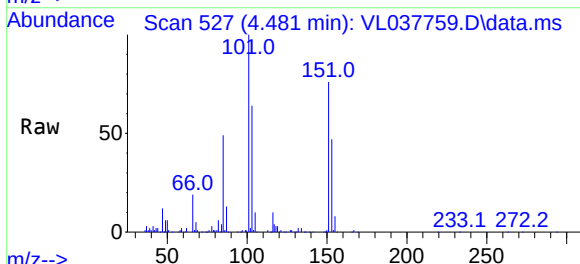
Tgt Ion:101 Resp: 42349
Ion Ratio Lower Upper
101 100
103 72.2 51.5 77.3

Manual Integrations
APPROVED

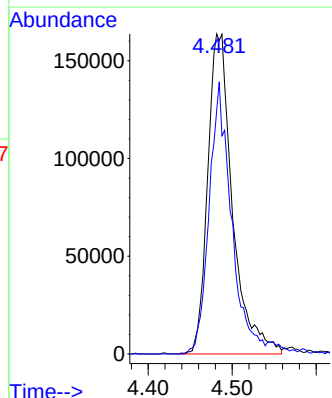
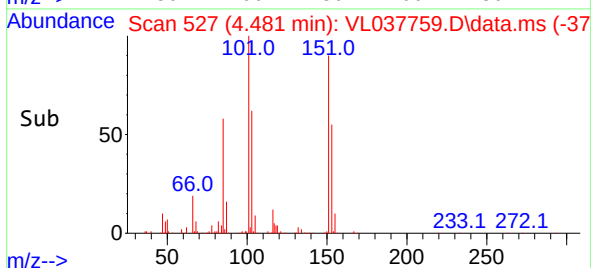
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

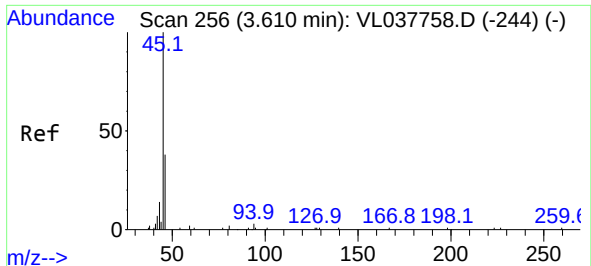


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.11 ppbv m
RT: 4.481 min Scan# 527
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



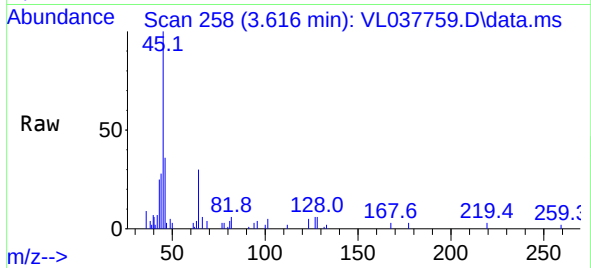
Tgt Ion:101 Resp: 336336
Ion Ratio Lower Upper
101 100
151 78.3 62.9 94.3





#13
Ethanol
Concen: 1.86 ppbv
RT: 3.616 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

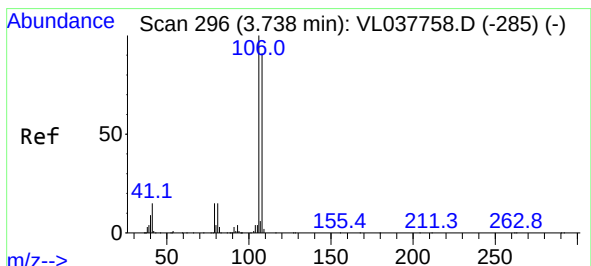
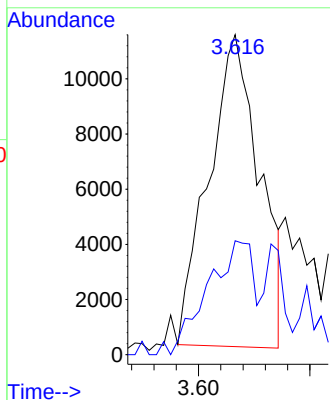
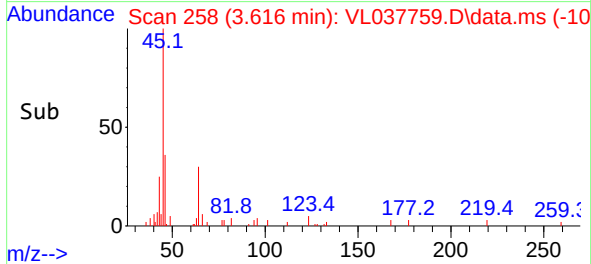
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



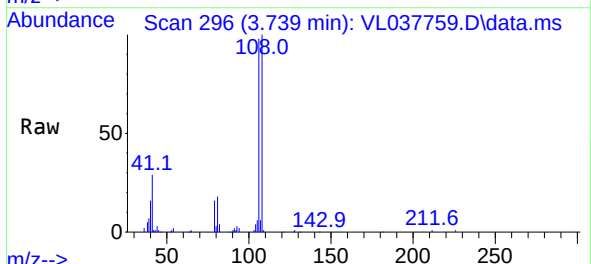
Tgt Ion: 45 Resp: 1798
Ion Ratio Lower Upper
45 100
46 66.1 20.2 81.0

Manual Integrations
APPROVED

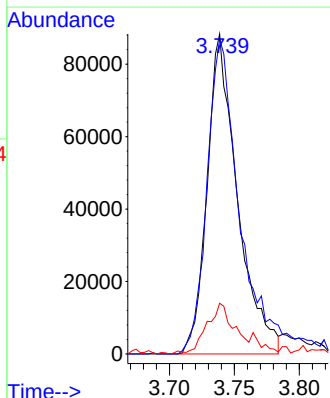
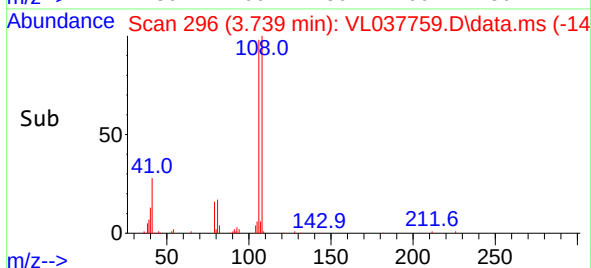
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

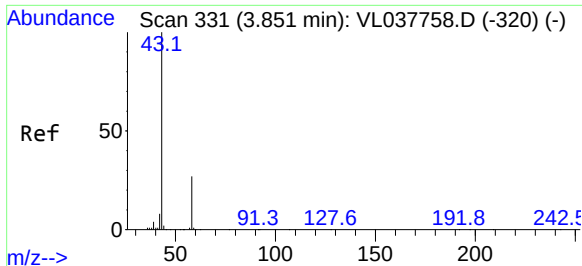


#14
Bromoethene
Concen: 1.98 ppbv
RT: 3.739 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



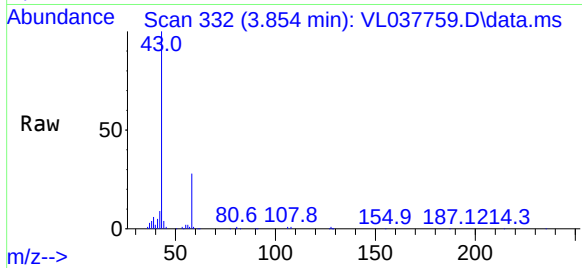
Tgt Ion:108 Resp: 143320
Ion Ratio Lower Upper
108 100
106 111.9 91.9 137.9
79 18.0 13.9 20.9





#15
Acetone
Concen: 1.80 ppbv m
RT: 3.854 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

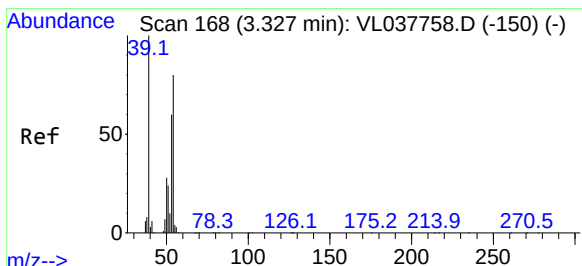
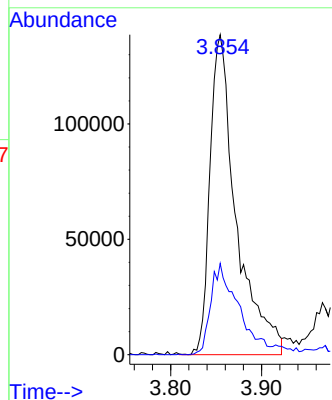
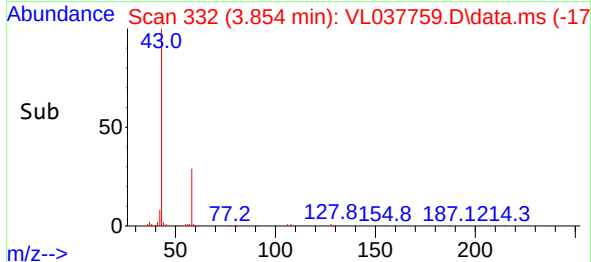
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



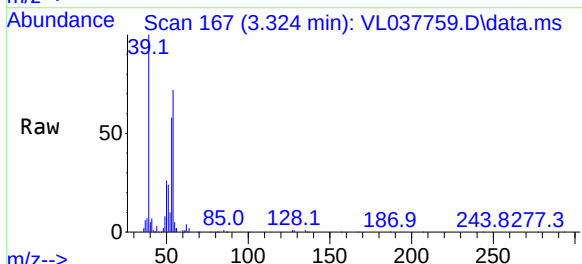
Tgt Ion: 43 Resp: 278249
Ion Ratio Lower Upper
43 100
58 32.0 23.0 34.6

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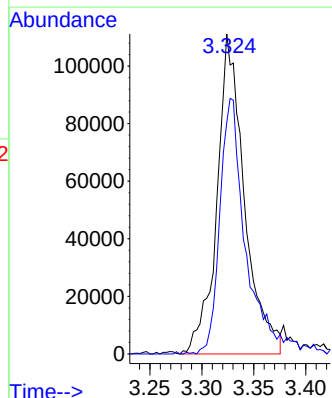
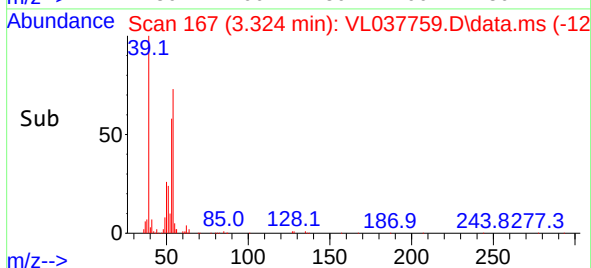
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

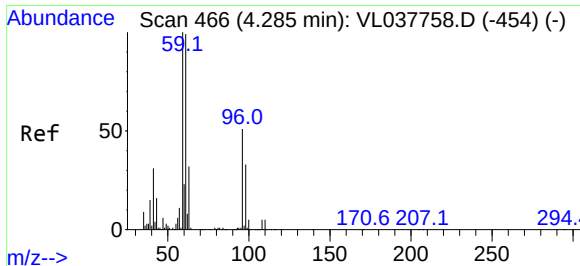


#16
1,3-Butadiene
Concen: 2.12 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



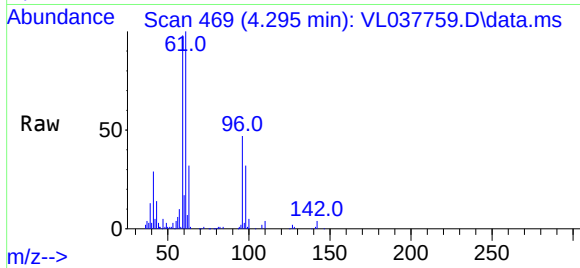
Tgt Ion: 39 Resp: 205009
Ion Ratio Lower Upper
39 100
54 76.7 61.7 92.5





#17
tert-Butyl alcohol
Concen: 2.22 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. 0.010 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

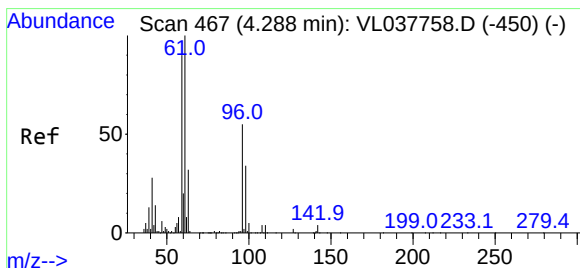
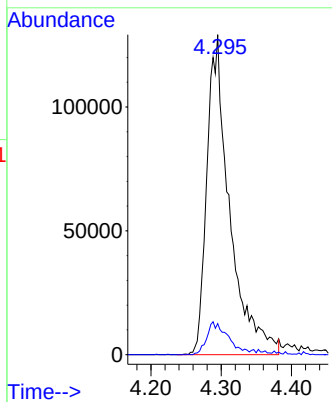
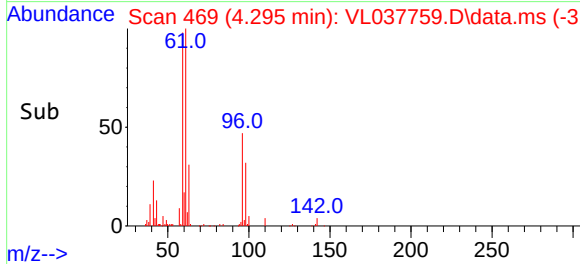
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



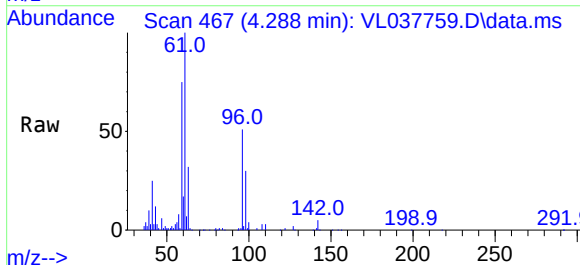
Tgt Ion: 59 Resp: 29028
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

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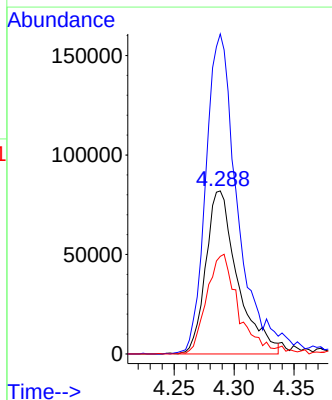
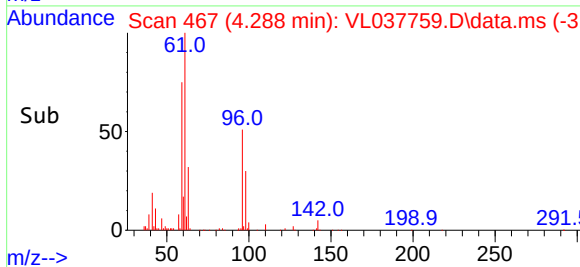
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

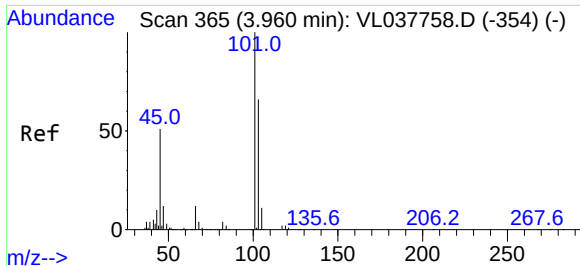


#18
1,1-Dichloroethene
Concen: 2.03 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



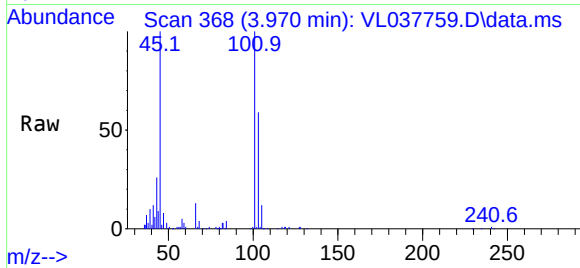
Tgt Ion: 96 Resp: 150680
Ion Ratio Lower Upper
96 100
61 195.3 146.2 219.4
98 59.6 50.0 75.0





#19
Isopropyl Alcohol
Concen: 2.16 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

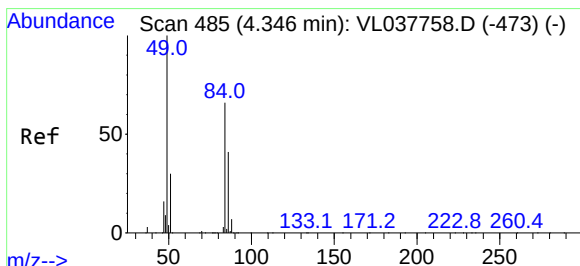
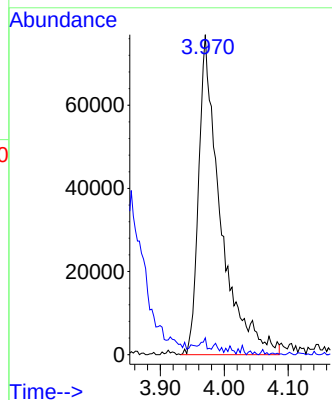
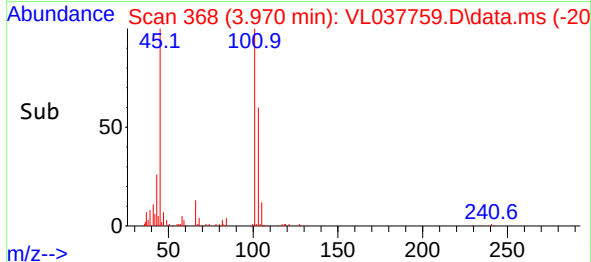
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



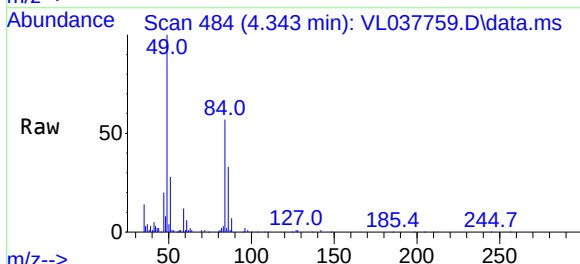
Tgt Ion: 45 Resp: 181875
Ion Ratio Lower Upper
45 100
58 4.3 1.1 1.75

Manual Integrations
APPROVED

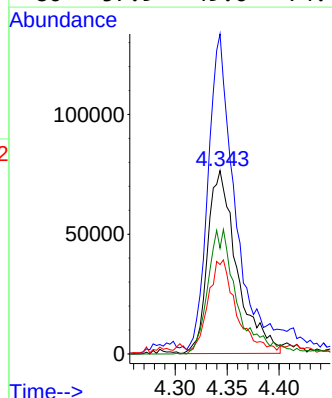
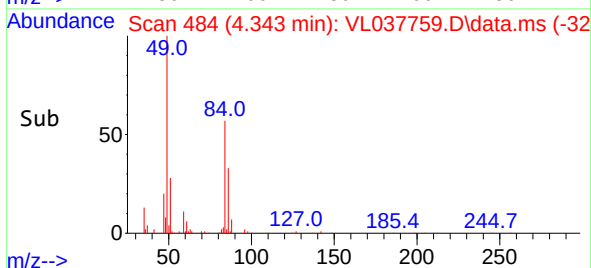
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

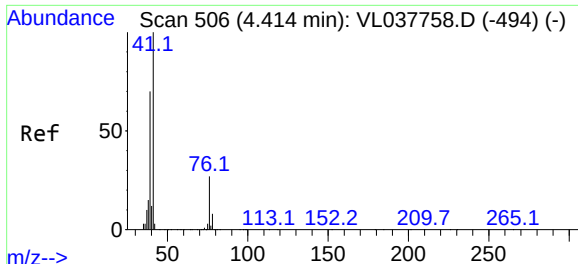


#20
Methylene Chloride
Concen: 2.03 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion: 84 Resp: 149982
Ion Ratio Lower Upper
84 100
49 171.9 120.7 181.1
51 44.4 36.2 54.4
86 57.9 49.6 74.4





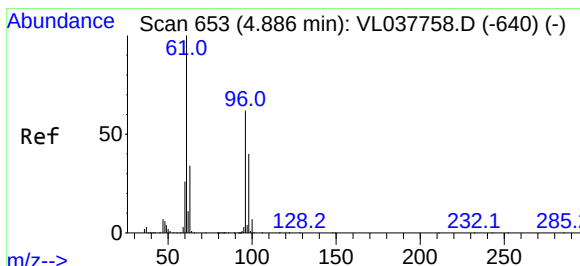
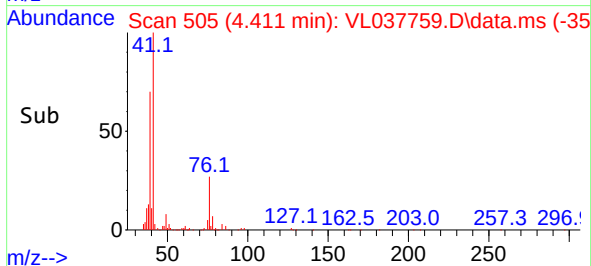
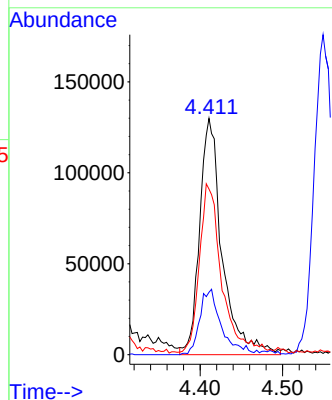
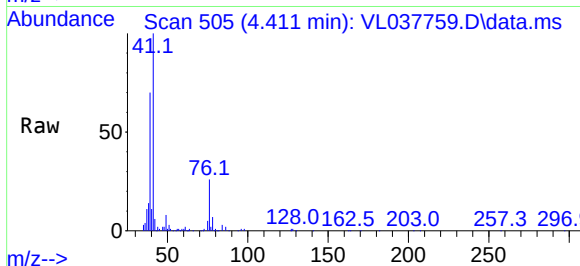
#21
 Allyl Chloride
 Concen: 2.14 ppbv m
 RT: 4.411 min Scan# 506
 Delta R.T. -0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 247100
 Ion Ratio Lower Upper
 41 100
 76 27.7 22.4 33.6
 39 74.6 58.0 87.0

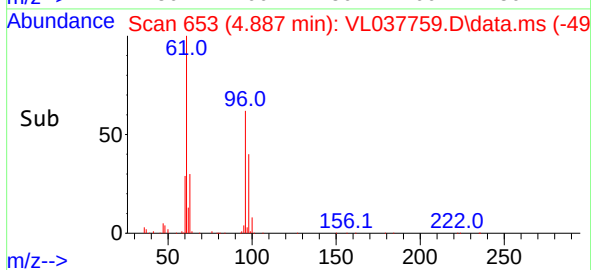
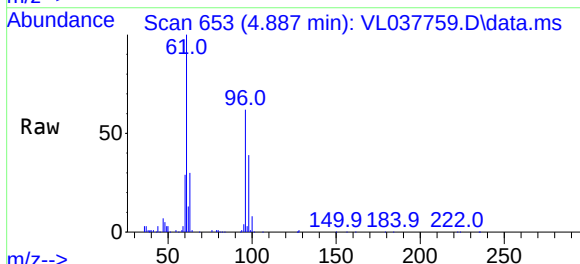
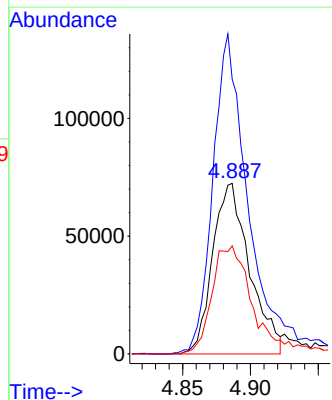
Manual Integrations
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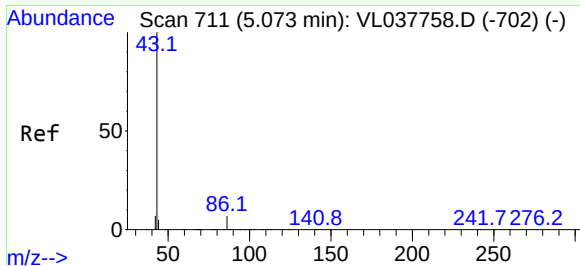
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#22
 trans-1,2-Dichloroethene
 Concen: 1.84 ppbv
 RT: 4.887 min Scan# 653
 Delta R.T. 0.000 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

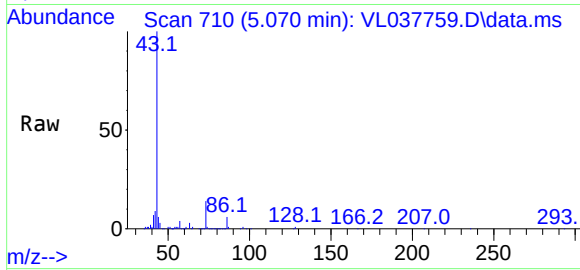
Tgt Ion: 96 Resp: 137440
 Ion Ratio Lower Upper
 96 100
 61 159.5 129.0 193.6
 98 63.4 51.7 77.5





#23
 Vinyl Acetate
 Concen: 2.06 ppbv
 RT: 5.070 min Scan# 711
 Delta R.T. -0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

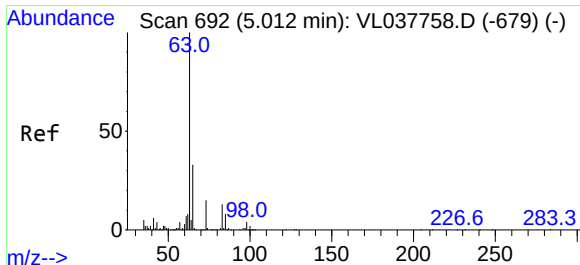
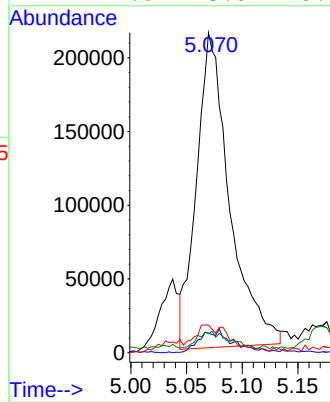
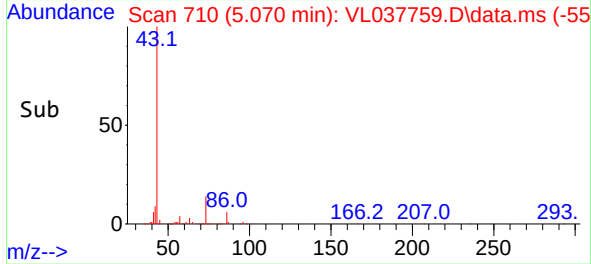
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



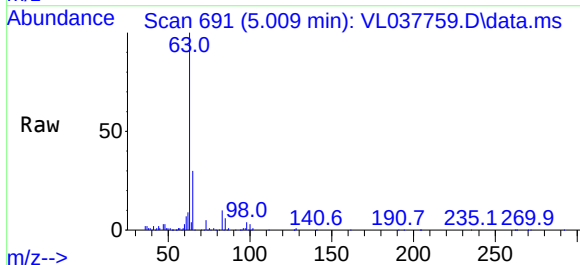
Tgt Ion: 43 Resp: 441228
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.0 7.4
 42 8.0 7.4 11.0
 44 4.8 3.8 5.6

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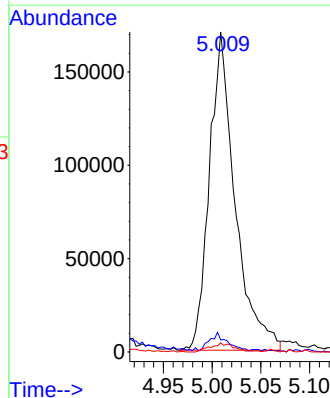
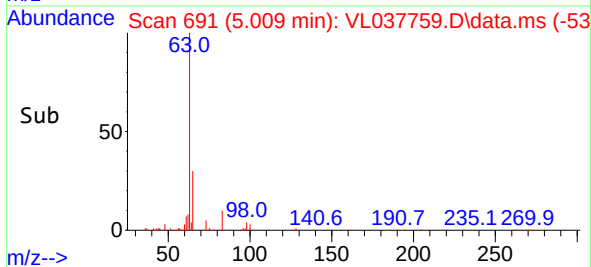
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

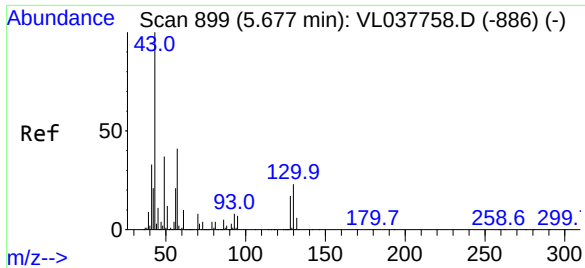


#24
 1,1-Dichloroethane
 Concen: 2.04 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18



Tgt Ion: 63 Resp: 312341
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.3 6.9
 100 2.8 1.1 3.1





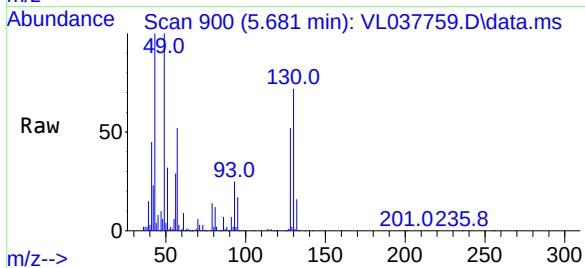
#25
Ethyl Acetate
Concen: 2.10 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

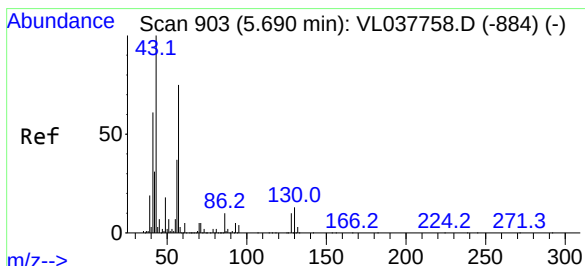
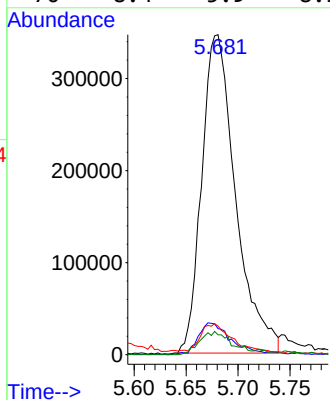
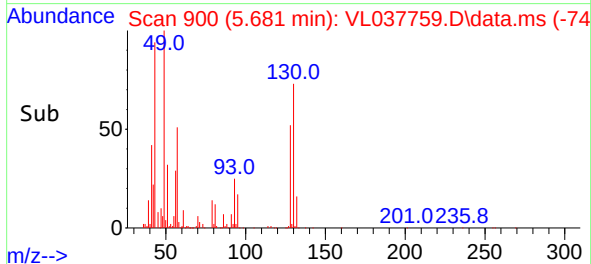


Tgt Ion: 43 Resp: 785584
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 10.8 7.5 11.3
70 8.4 5.9 8.9

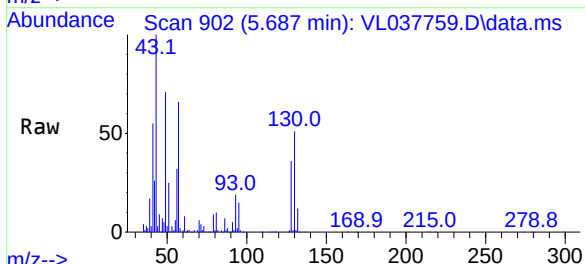
Manual Integrations

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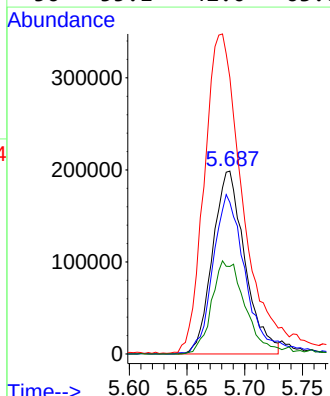
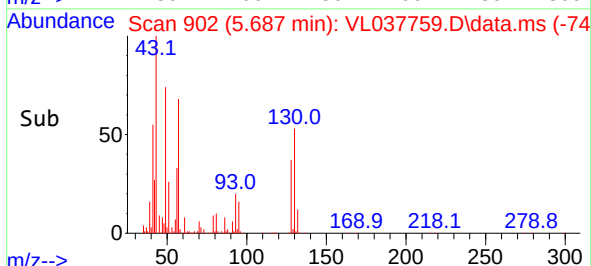
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

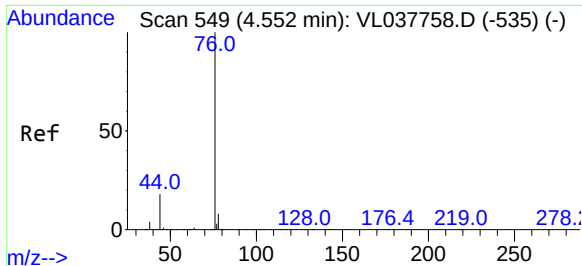


#26
Hexane
Concen: 2.17 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion: 57 Resp: 386298
Ion Ratio Lower Upper
57 100
41 90.5 69.6 104.4
43 216.2 171.4 257.0
56 55.1 42.0 63.0





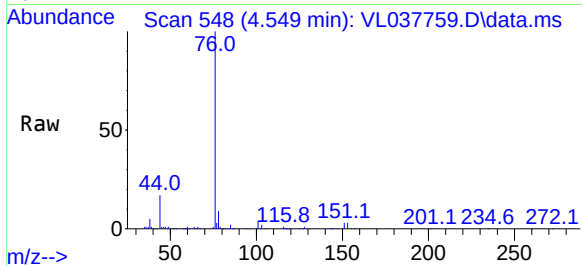
#27
Carbon Disulfide
Concen: 2.09 ppbv
RT: 4.549 min Scan# 549
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

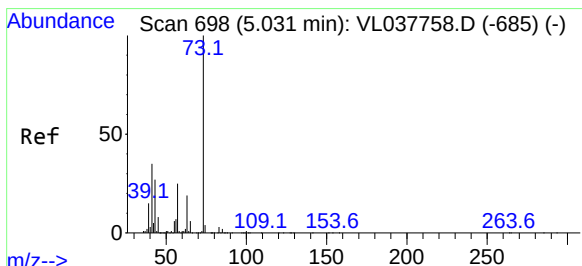
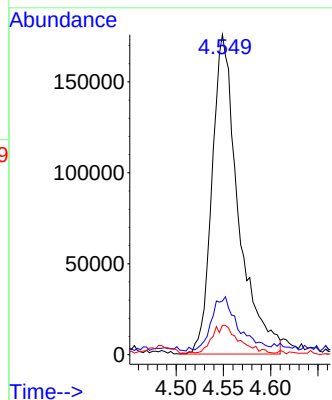
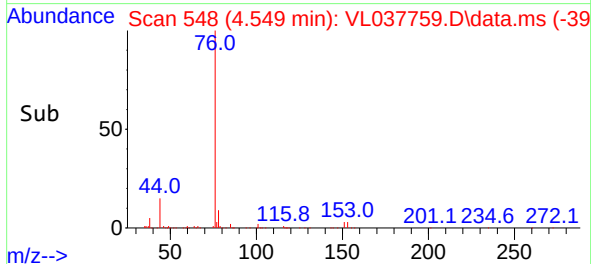


Tgt Ion: 76 Resp: 339320
Ion Ratio Lower Upper
76 100
44 18.5 14.3 21.5
78 10.6 7.8 11.6

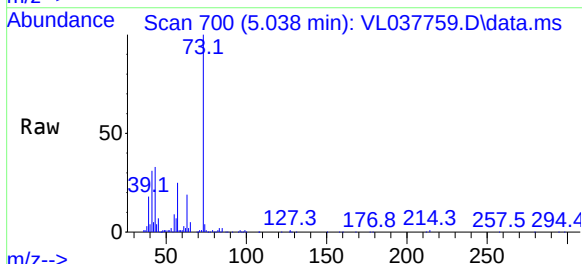
Manual Integrations

APPROVED

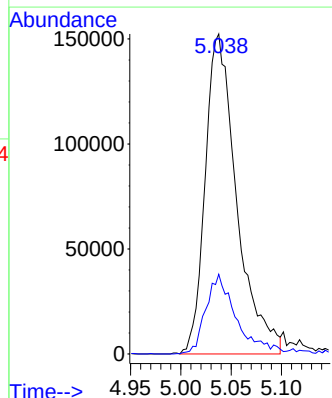
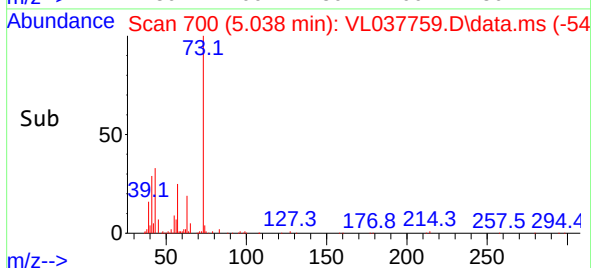
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

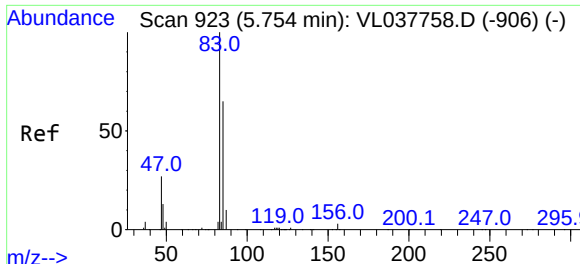


#28
Methyl tert-Butyl Ether
Concen: 2.12 ppbv
RT: 5.038 min Scan# 700
Delta R.T. 0.007 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



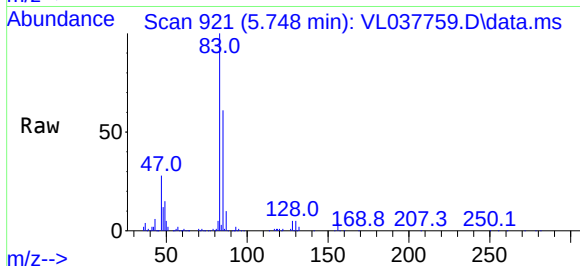
Tgt Ion: 73 Resp: 331790
Ion Ratio Lower Upper
73 100
57 24.8 20.4 30.6





#29
Chloroform
Concen: 2.09 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

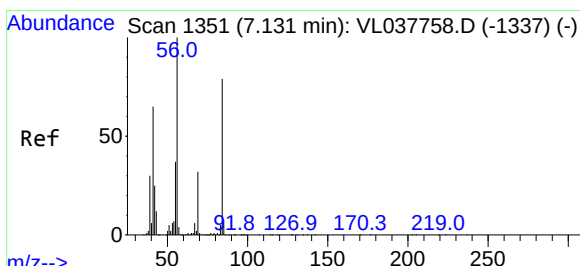
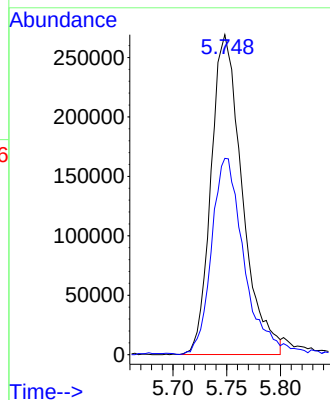
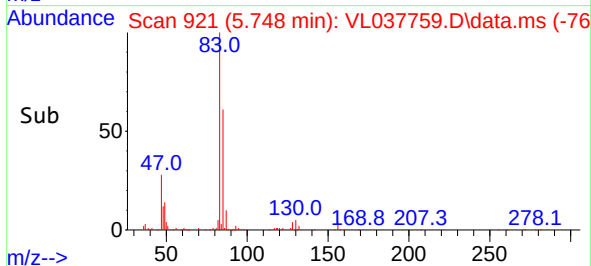
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



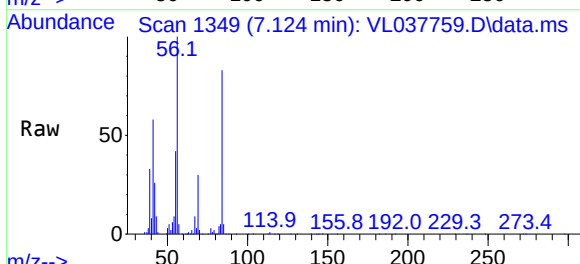
Tgt Ion: 83 Resp: 541872
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.8

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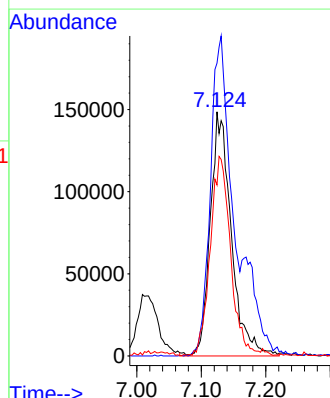
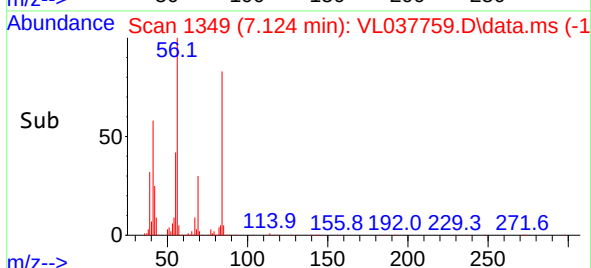
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

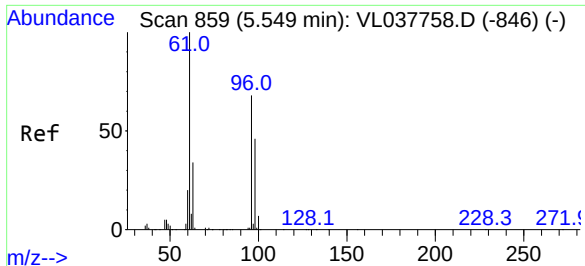


#30
Cyclohexane
Concen: 2.21 ppbv m
RT: 7.124 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



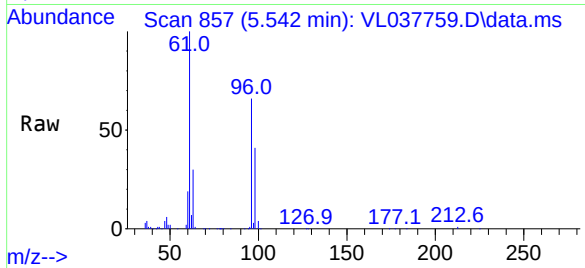
Tgt Ion: 84 Resp: 336517
Ion Ratio Lower Upper
84 100
56 0.0 113.0 169.4#
41 0.0 69.1 103.7#





#31
 cis-1,2-Dichloroethene
 Concen: 2.21 ppbv m
 RT: 5.542 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

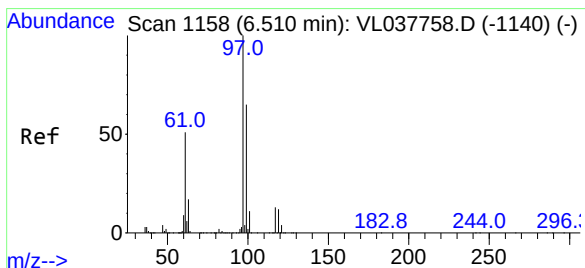
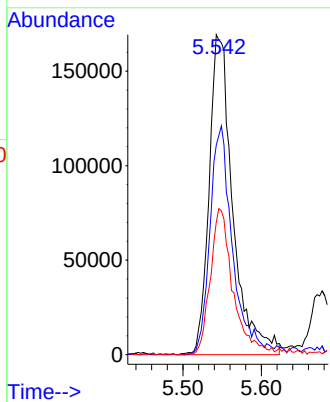
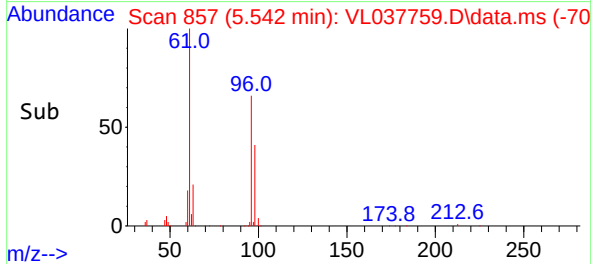
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 61 Resp: 356060
 Ion Ratio Lower Upper
 61 100
 96 65.5 54.2 81.2
 98 41.4 36.6 54.8

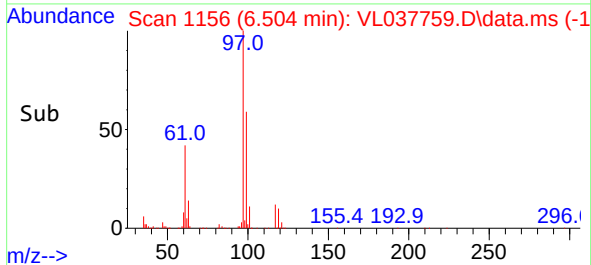
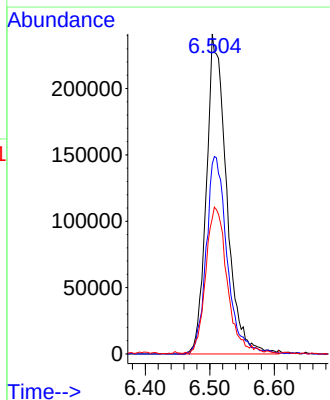
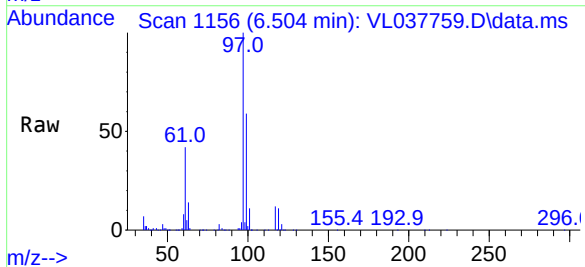
Manual Integrations
 APPROVED

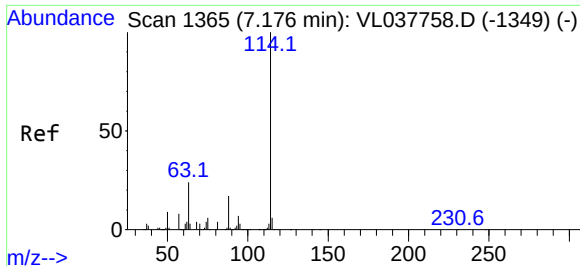
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#32
 1,1,1-Trichloroethane
 Concen: 2.17 ppbv m
 RT: 6.504 min Scan# 1156
 Delta R.T. -0.006 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

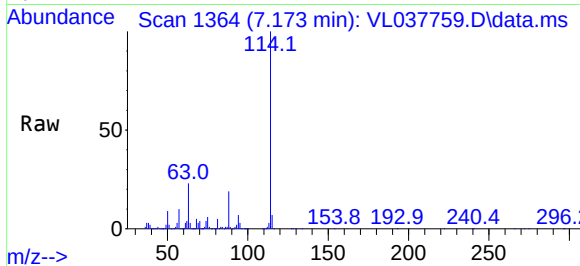
Tgt Ion: 97 Resp: 523130
 Ion Ratio Lower Upper
 97 100
 99 64.0 52.6 78.8
 61 49.5 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

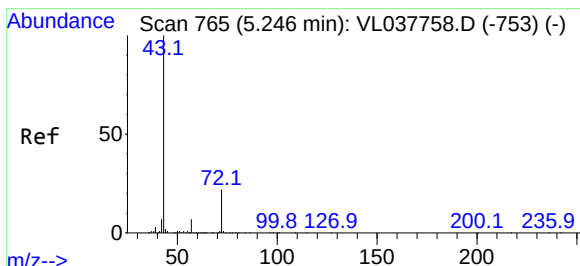
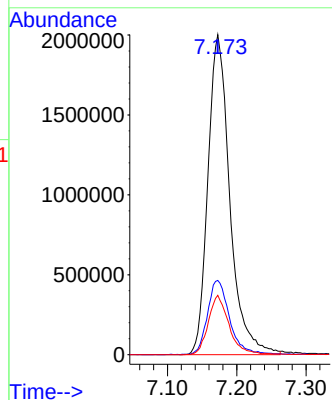
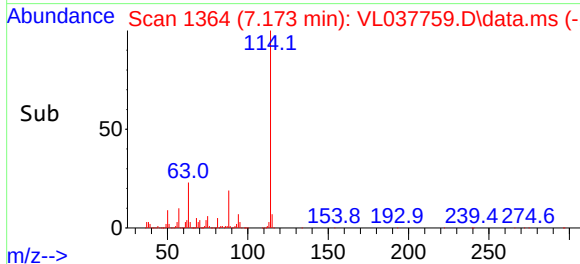
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:114 Resp: 4399264
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.2
88 17.7 14.4 21.6

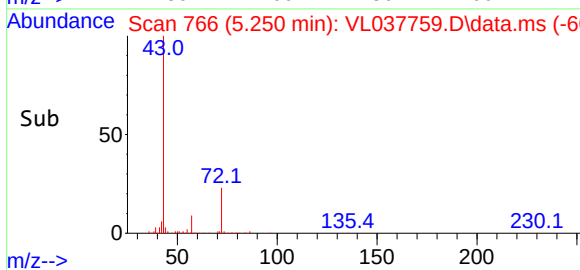
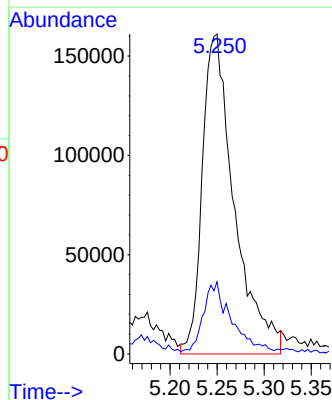
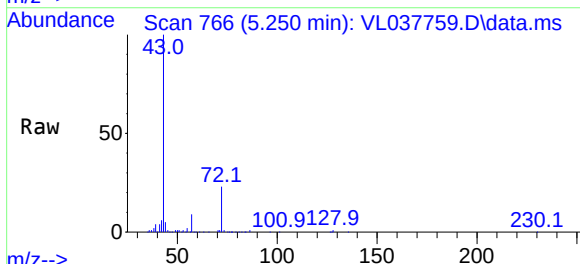
Manual Integrations
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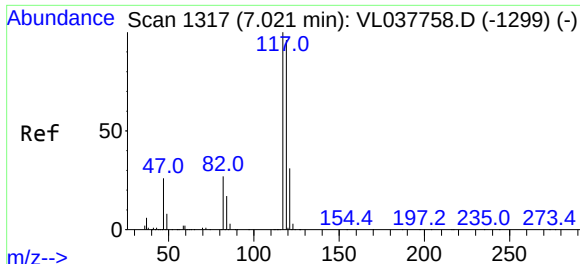
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#34
2-Butanone
Concen: 2.13 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

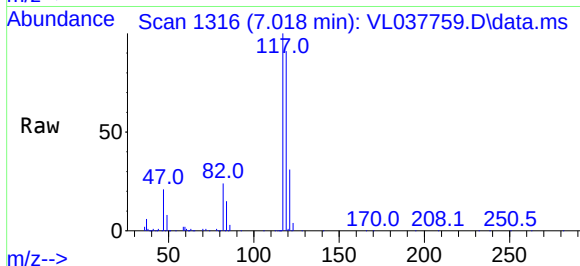
Tgt Ion: 43 Resp: 381378
Ion Ratio Lower Upper
43 100
72 21.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 2.06 ppbv
RT: 7.018 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

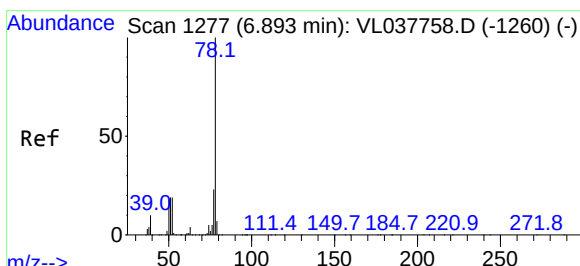
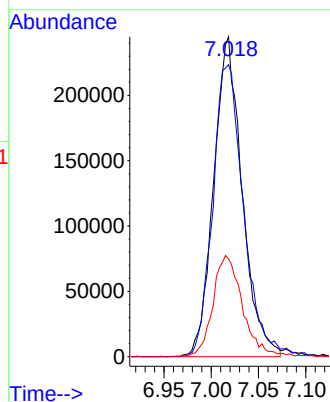
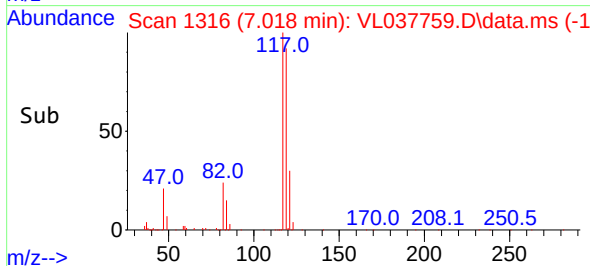
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



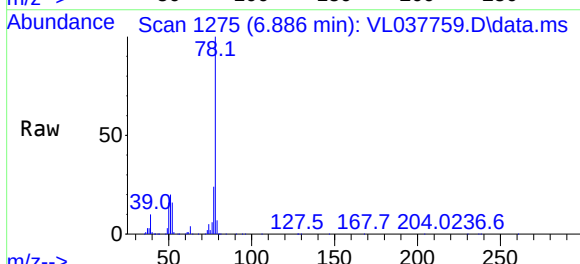
Tgt Ion:117 Resp: 51214
Ion Ratio Lower Upper
117 100
119 91.1 76.5 114.7
121 30.6 24.9 37.3

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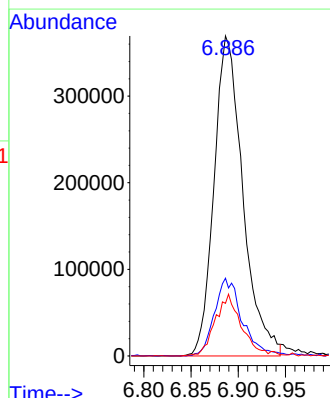
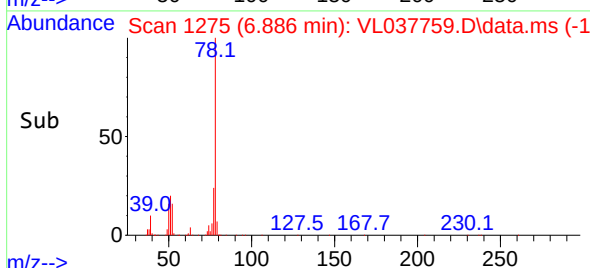
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

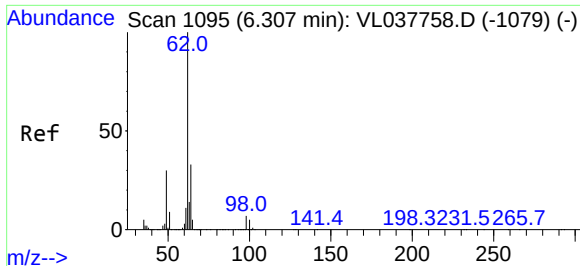


#36
Benzene
Concen: 2.13 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



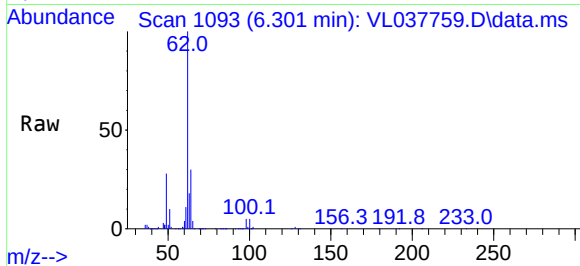
Tgt Ion: 78 Resp: 781138
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2
50 16.4 14.7 22.1





#37
1,2-Dichloroethane
Concen: 2.04 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

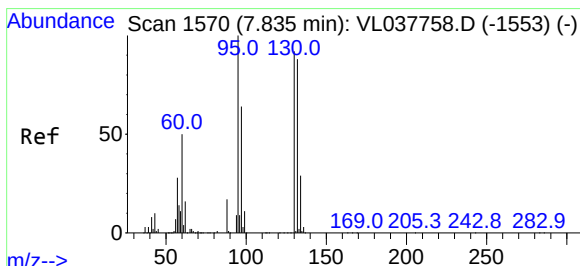
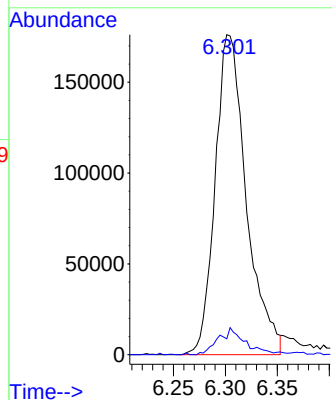
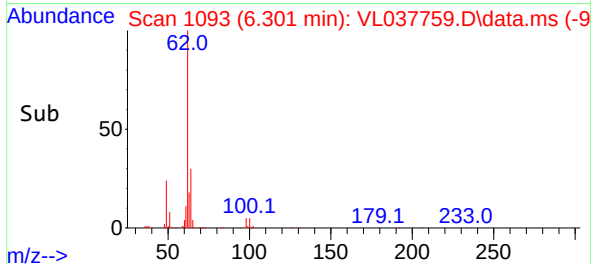
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



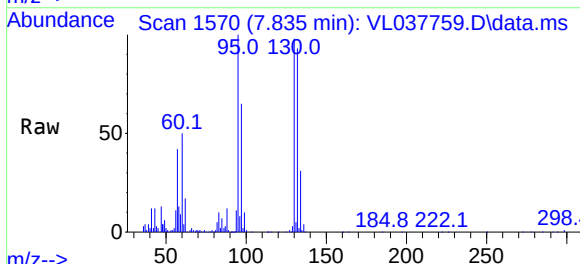
Tgt Ion: 62 Resp: 36727
Ion Ratio Lower Upper
62 100
98 7.9 6.1 9.1

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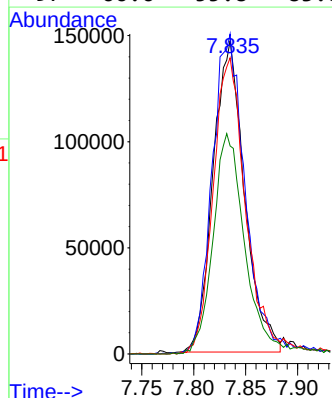
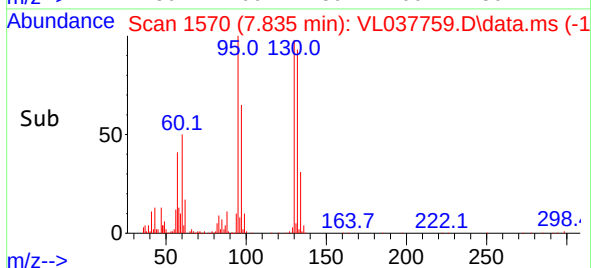
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

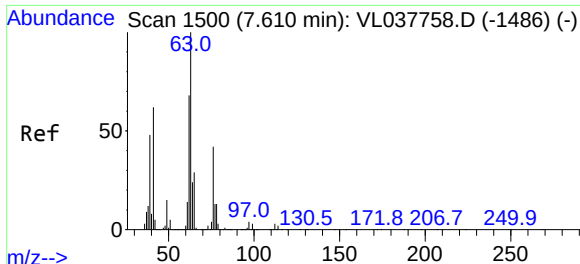


#38
Trichloroethene
Concen: 2.01 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



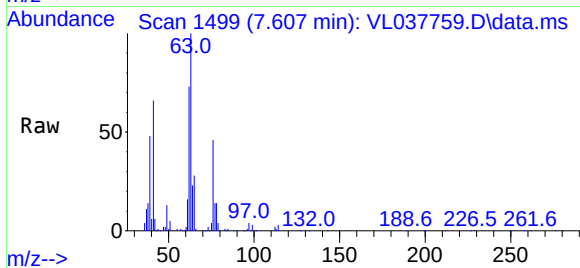
Tgt Ion:130 Resp: 308273
Ion Ratio Lower Upper
130 100
95 102.7 87.4 131.0
132 94.9 76.8 115.2
97 66.6 55.8 83.8





#39
1,2-Dichloropropane
Concen: 2.03 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

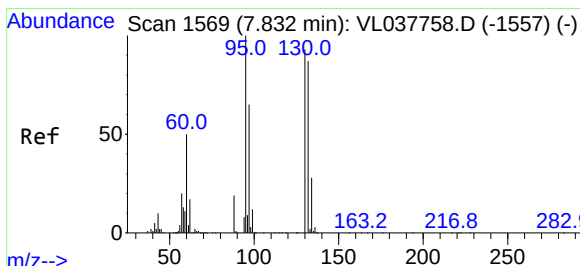
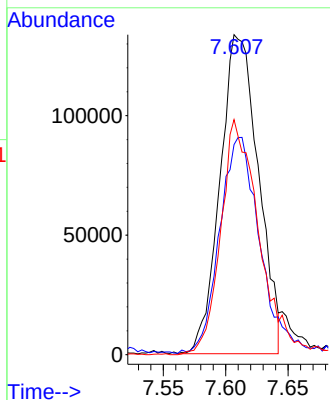
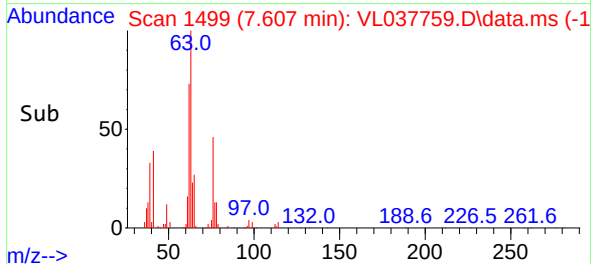
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



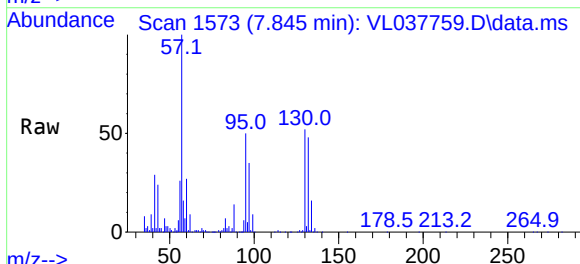
Tgt Ion: 63 Resp: 28524
Ion Ratio Lower Upper
63 100
41 65.4 49.8 74.6
62 73.7 54.6 82.0

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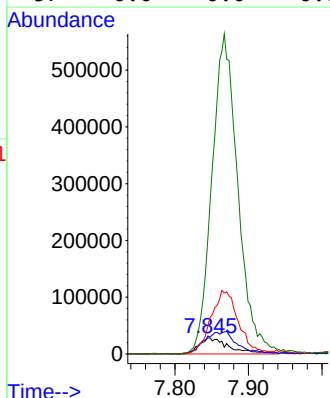
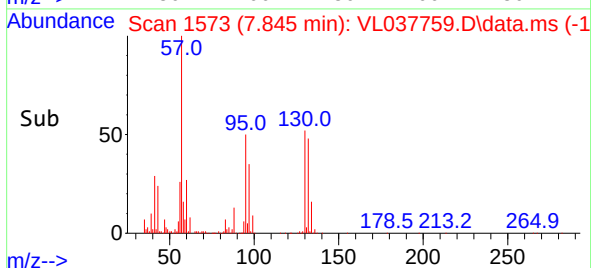
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

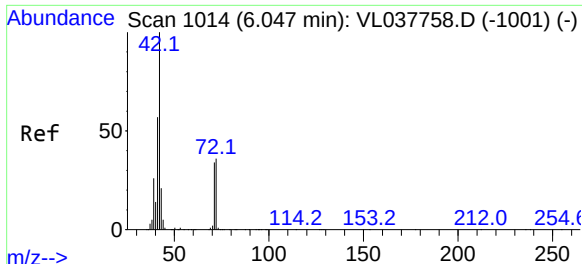


#40
1,4-Dioxane
Concen: 2.41 ppbv m
RT: 7.845 min Scan# 1573
Delta R.T. 0.013 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



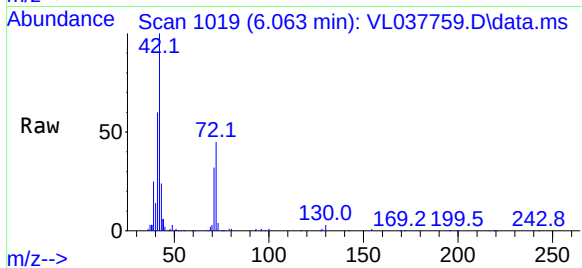
Tgt Ion: 88 Resp: 82515
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 2.29 ppbv m
RT: 6.063 min Scan# 1014
Delta R.T. 0.016 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

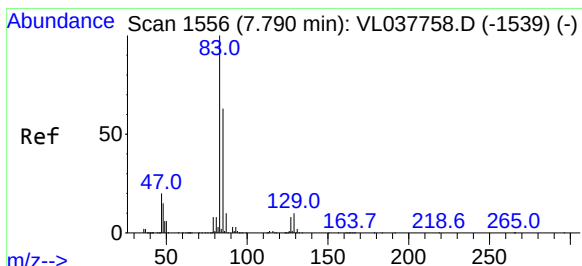
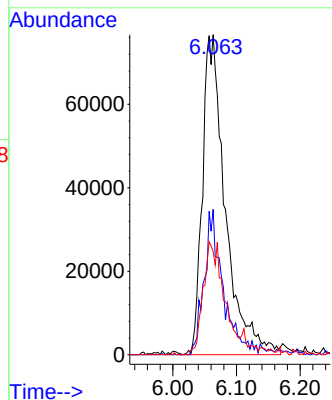
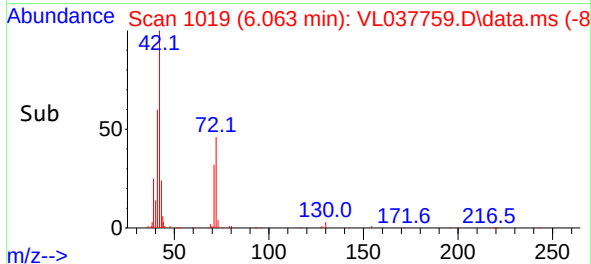
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 19212
Ion Ratio Lower Upper
42 100
72 0.0 31.9 47.9
71 35.7 30.3 45.5

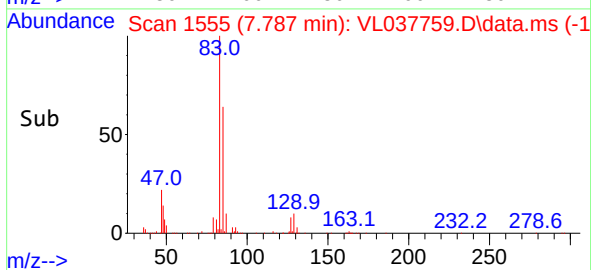
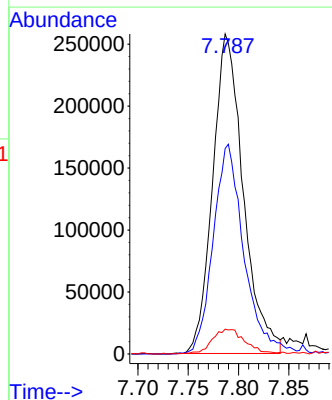
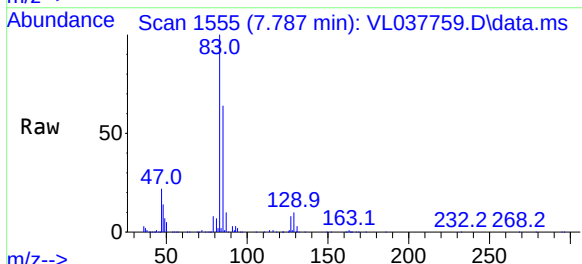
Manual Integrations
APPROVED

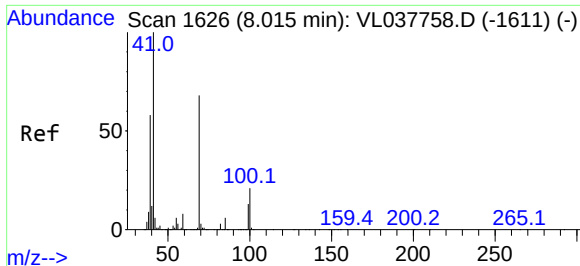
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#42
Bromodichloromethane
Concen: 2.11 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

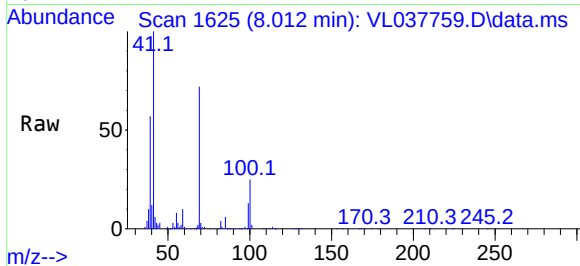
Tgt Ion: 83 Resp: 544973
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 2.13 ppbv
RT: 8.012 min Scan# 1625
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

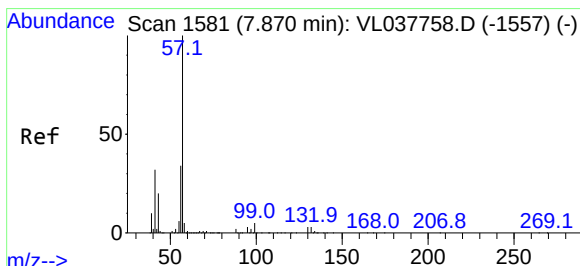
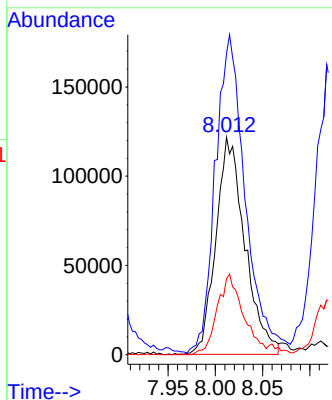
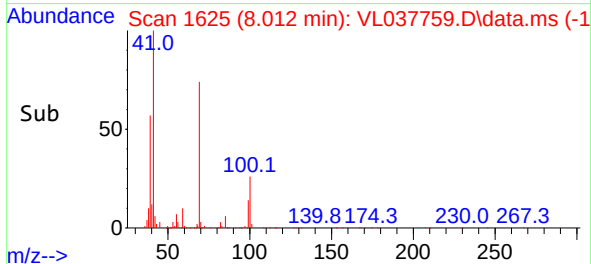
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



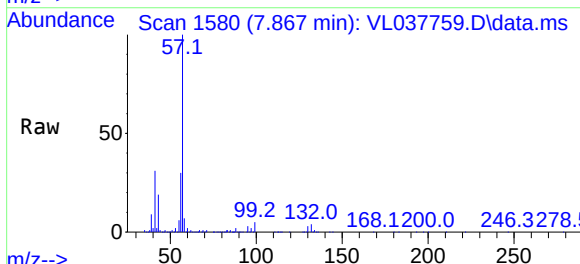
Tgt Ion: 69 Resp: 259793
Ion Ratio Lower Upper
69 100
41 150.8 121.0 181.4
100 35.2 27.7 41.5

Manual Integrations
APPROVED

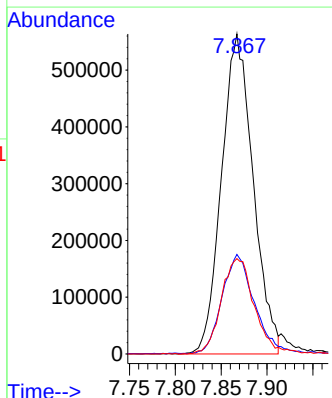
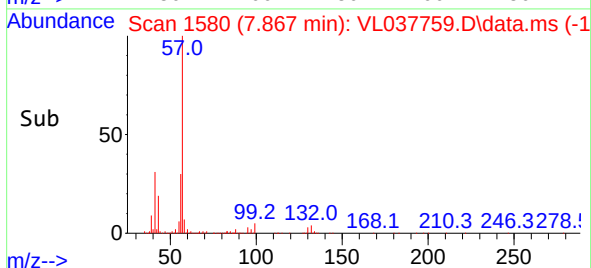
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

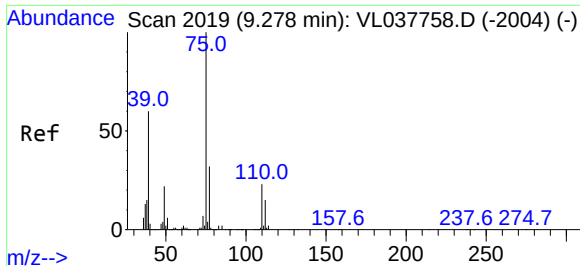


#44
2,2,4-Trimethylpentane
Concen: 2.19 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion: 57 Resp: 1349693
Ion Ratio Lower Upper
57 100
41 32.2 25.6 38.4
56 31.5 25.5 38.3





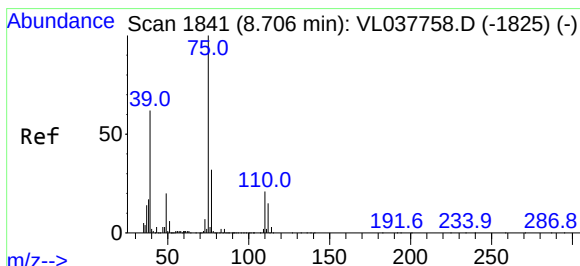
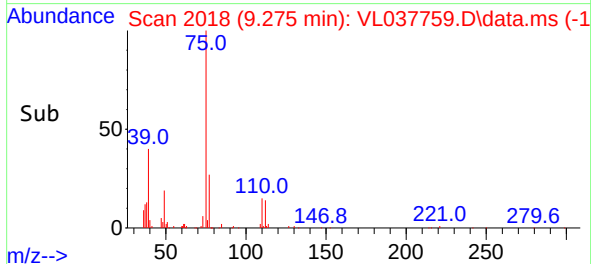
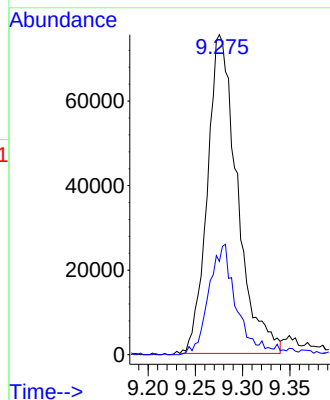
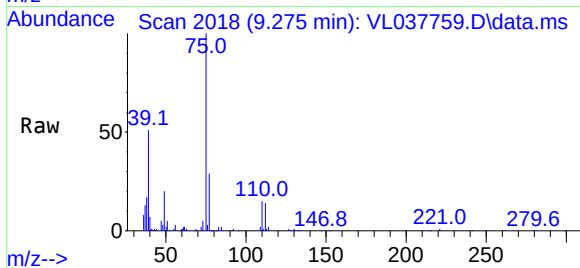
#45
 t-1,3-Dichloropropene
 Concen: 1.73 ppbv
 RT: 9.275 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Tgt Ion: 75 Resp: 166045
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.2 37.8

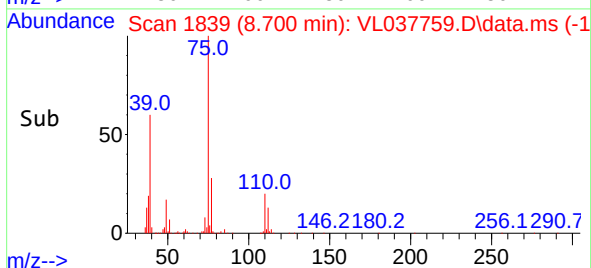
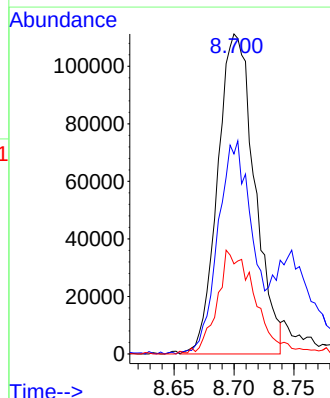
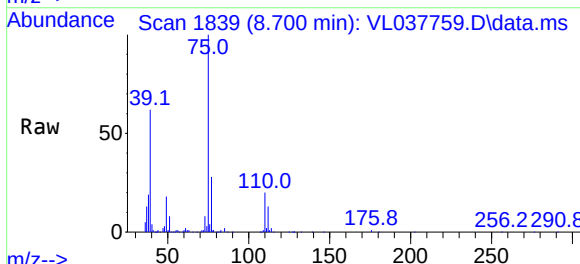
Manual Integrations
 APPROVED

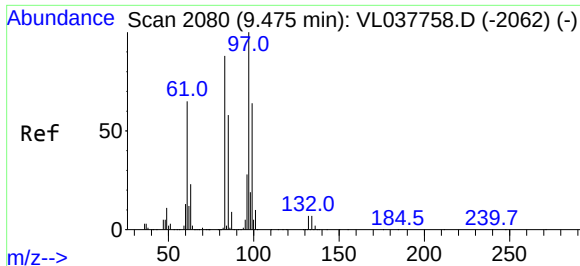
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#46
 cis-1,3-Dichloropropene
 Concen: 1.84 ppbv
 RT: 8.700 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

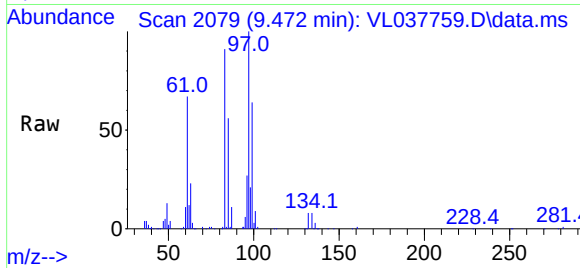
Tgt Ion: 75 Resp: 238015
 Ion Ratio Lower Upper
 75 100
 39 61.3 49.9 74.9
 77 27.3 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 2.00 ppbv
RT: 9.472 min Scan# 2080
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

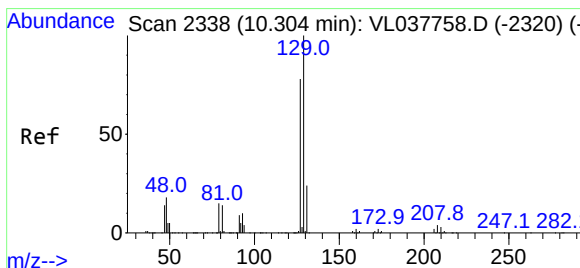
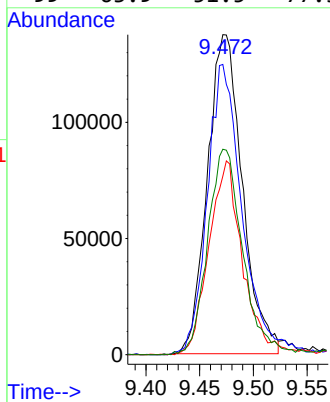
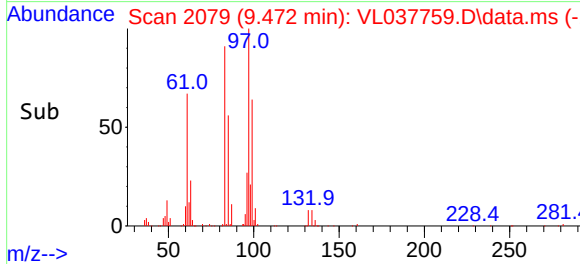
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



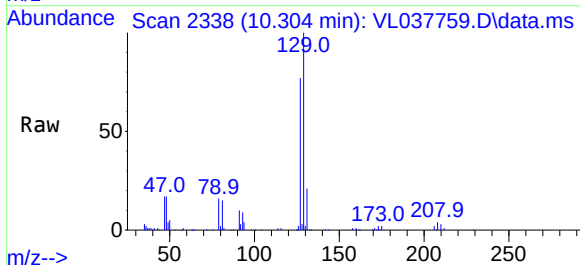
Tgt Ion: 97 Resp: 310630
Ion Ratio Lower Upper
97 100
83 90.0 70.6 105.8
85 55.3 45.9 68.9
99 63.9 51.5 77.3

Manual Integrations
APPROVED

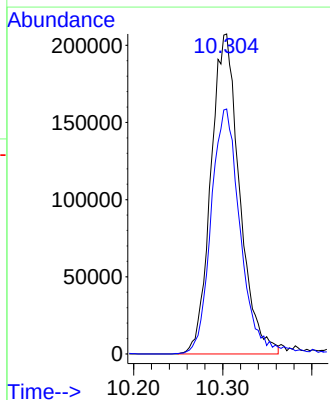
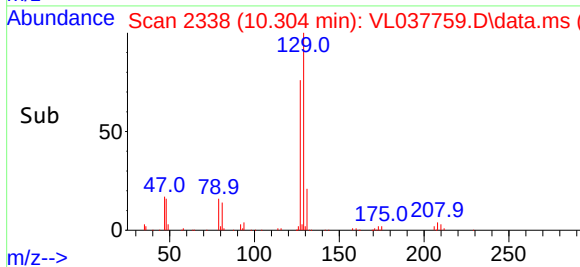
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

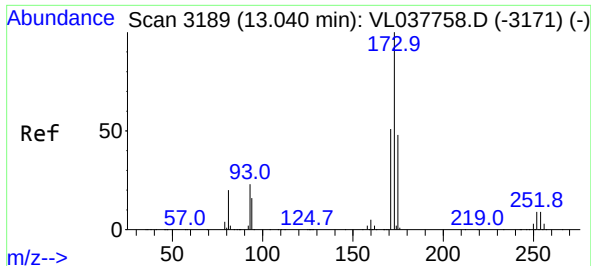


#48
Dibromochloromethane
Concen: 2.14 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion:129 Resp: 463975
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.5





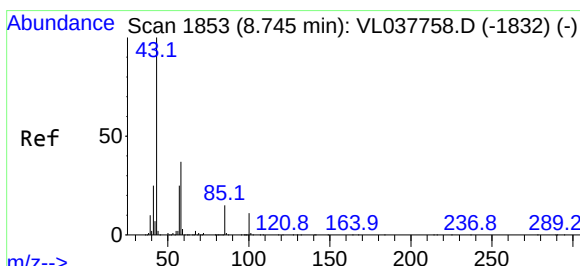
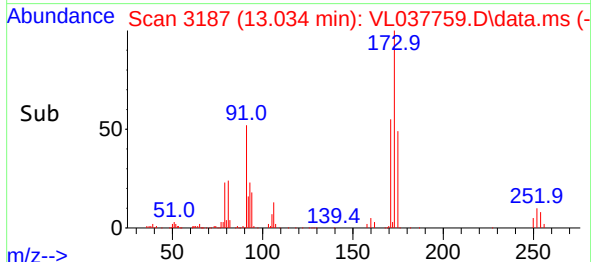
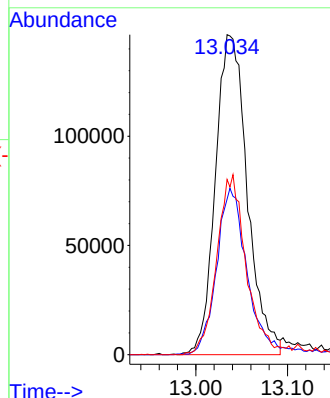
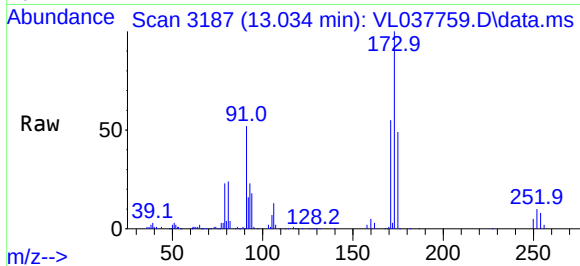
#49
Bromoform
Concen: 2.04 ppbv
RT: 13.034 min Scan# 3189
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:173 Resp: 35393
Ion Ratio Lower Upper
173 100
175 52.5 39.9 59.9
171 52.0 43.4 65.2

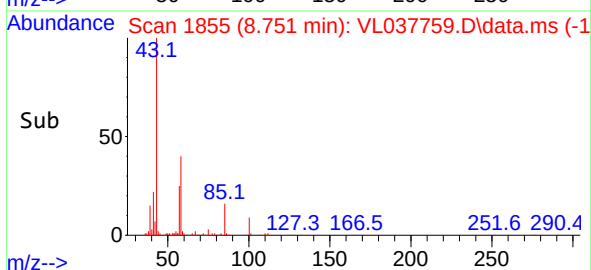
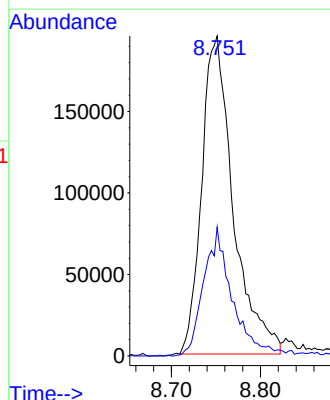
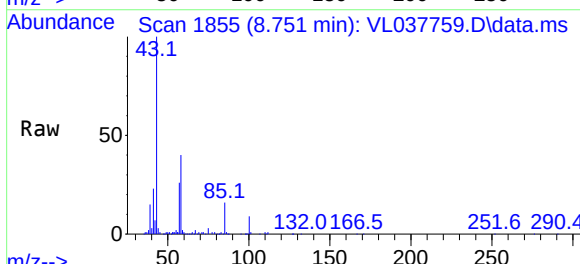
Manual Integrations
APPROVED

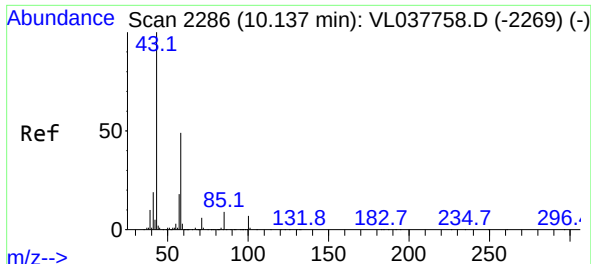
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#50
4-Methyl-2-Pentanone
Concen: 2.11 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.007 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

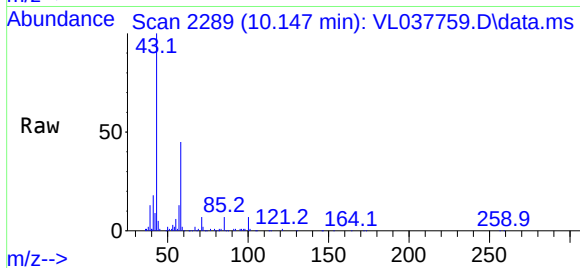
Tgt Ion: 43 Resp: 479915
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.0





#51
2-Hexanone
Concen: 2.05 ppbv
RT: 10.147 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

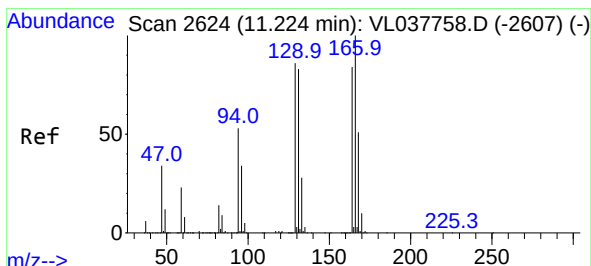
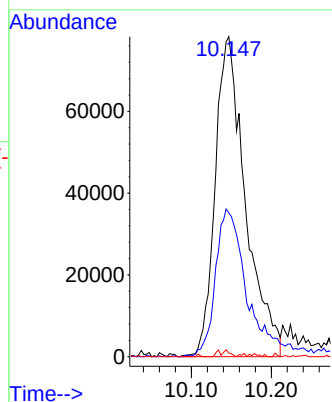
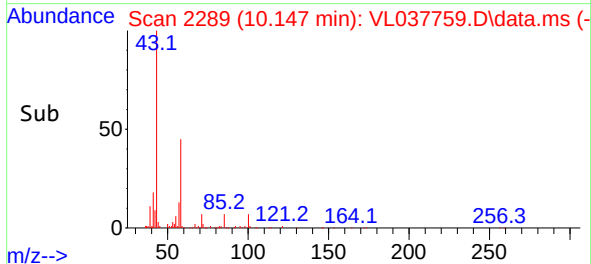
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



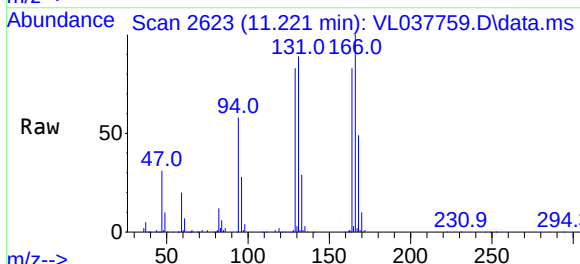
Tgt Ion: 43 Resp: 20560
Ion Ratio Lower Upper
43 100
58 51.3 39.4 59.0
98 0.8 0.3 0.5

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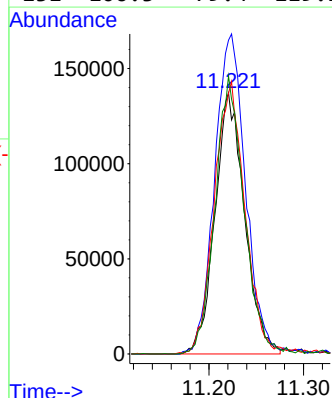
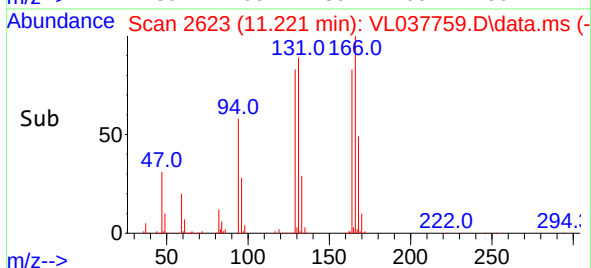
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

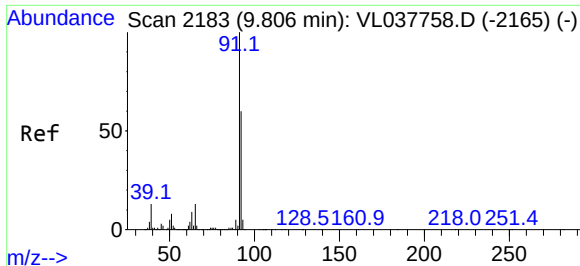


#52
Tetrachloroethene
Concen: 2.12 ppbv
RT: 11.221 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



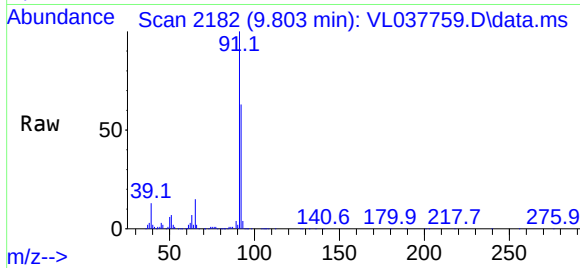
Tgt Ion:164 Resp: 298915
Ion Ratio Lower Upper
164 100
166 120.1 95.4 143.2
129 99.2 82.2 123.4
131 106.3 79.4 119.2





#53
Toluene
Concen: 2.17 ppbv
RT: 9.803 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

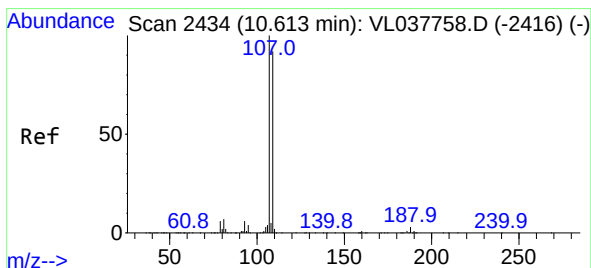
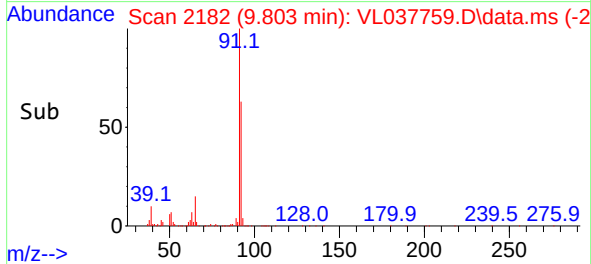
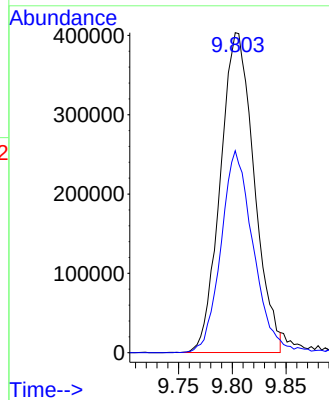
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 91 Resp: 882949
Ion Ratio Lower Upper
91 100
92 61.6 48.4 72.6

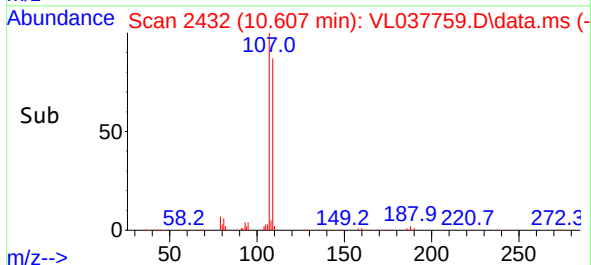
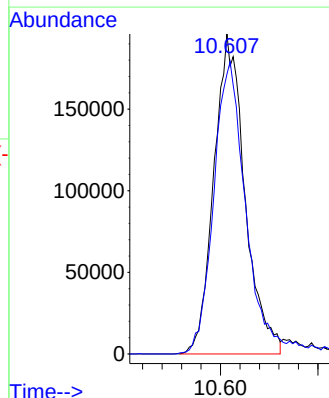
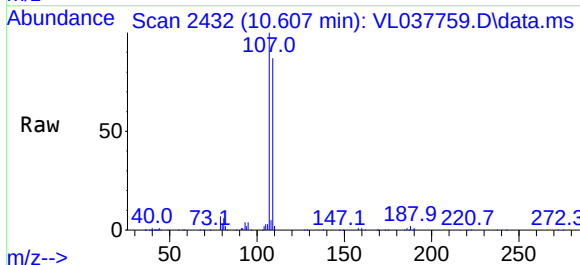
Manual Integrations
APPROVED

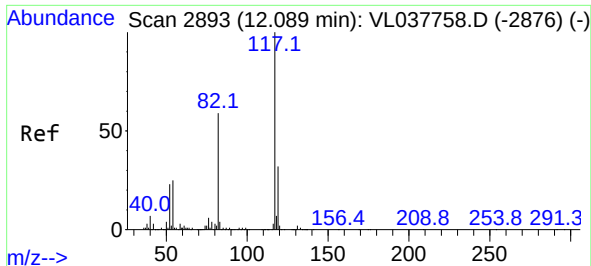
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#54
1,2-Dibromoethane
Concen: 2.03 ppbv
RT: 10.607 min Scan# 2432
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Tgt Ion:107 Resp: 432145
Ion Ratio Lower Upper
107 100
109 87.1 73.8 110.6





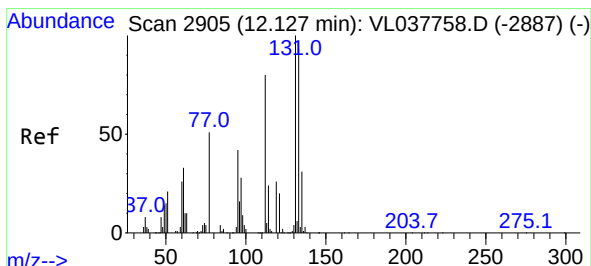
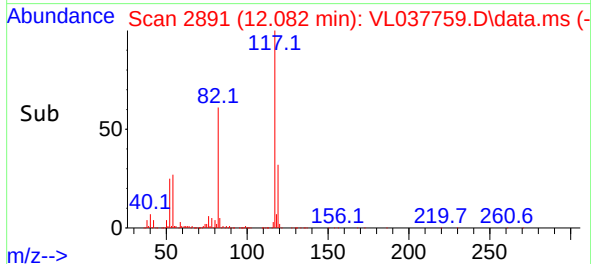
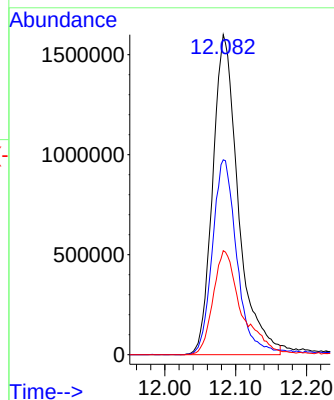
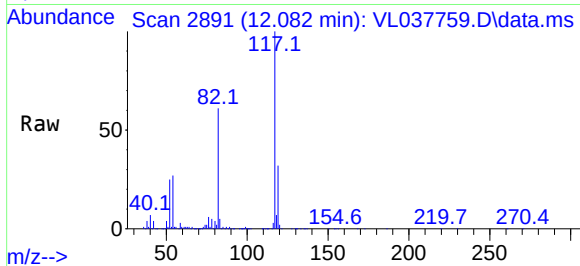
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 4009519
Ion Ratio Lower Upper
117 100
82 60.5 52.2 78.2
119 36.6 26.0 39.0

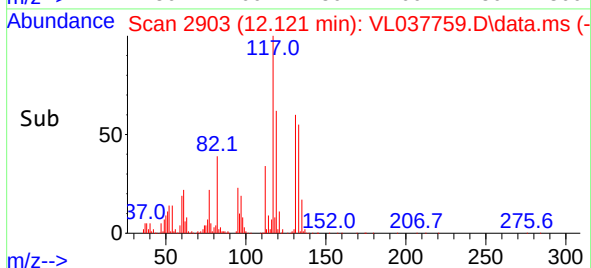
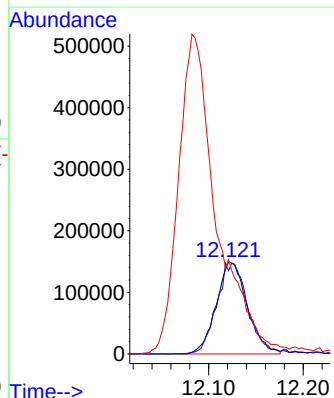
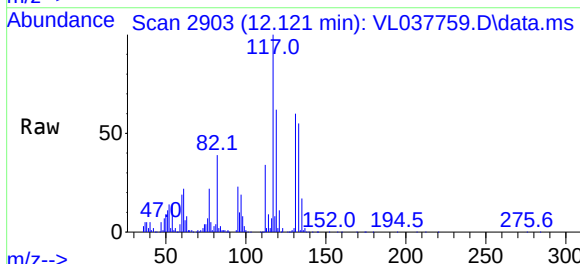
Manual Integrations
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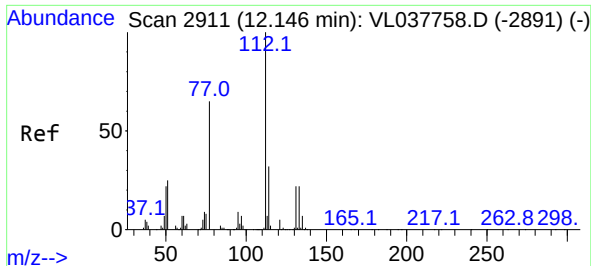
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 2.06 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

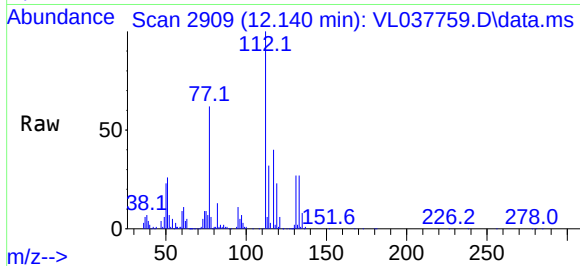
Tgt Ion:131 Resp: 341808
Ion Ratio Lower Upper
131 100
133 101.8 78.5 117.7
119 429.7 51.7 77.5#





#57
Chlorobenzene
Concen: 2.04 ppbv
RT: 12.140 min Scan# 2911
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

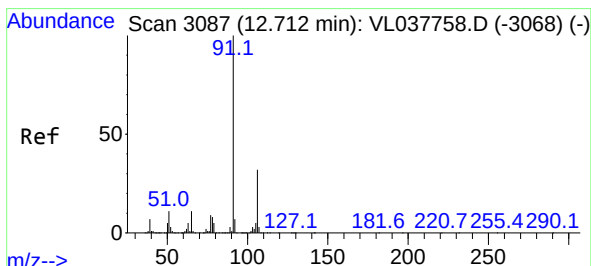
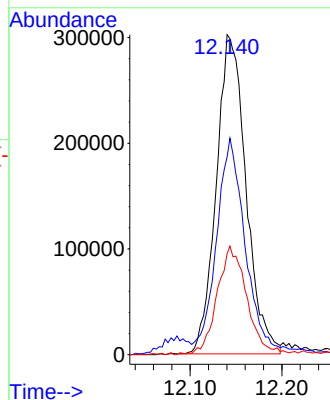
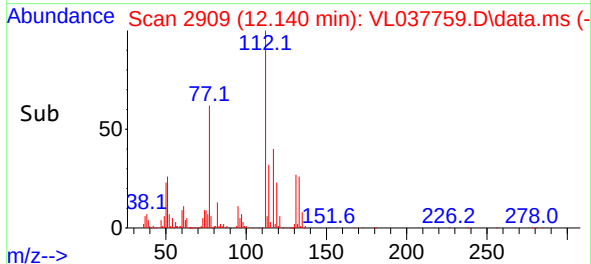
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



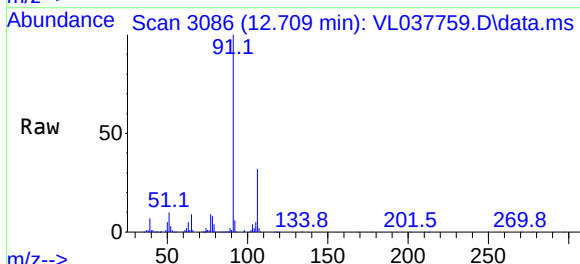
Tgt Ion:112 Resp: 680270
Ion Ratio Lower Upper
112 100
77 59.7 51.8 77.8
114 31.0 28.8 35.2

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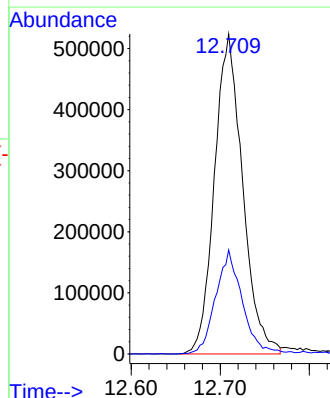
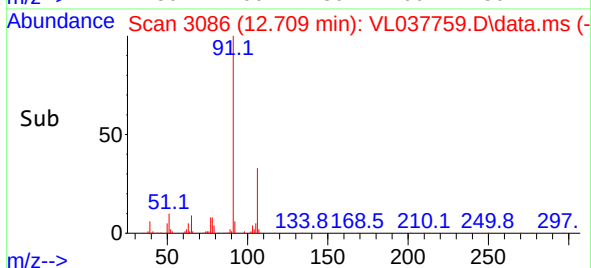
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

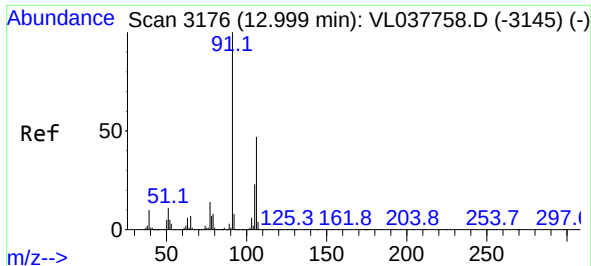


#58
Ethyl Benzene
Concen: 2.16 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion: 91 Resp: 1148730
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9





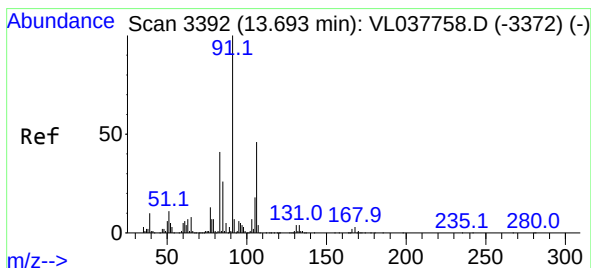
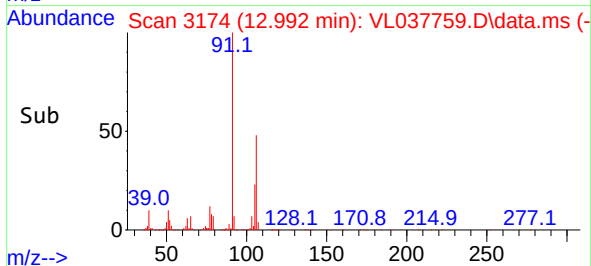
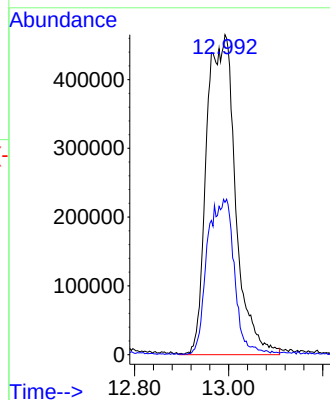
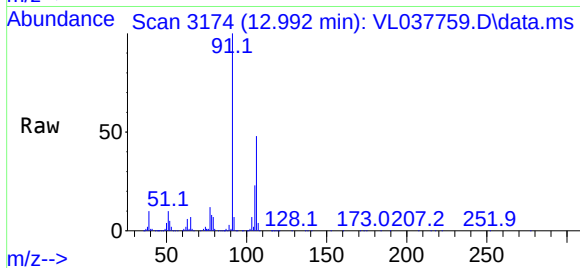
#59
m/p-Xylene
Concen: 4.26 ppbv m
RT: 12.992 min Scan# 3176
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 197770
Ion Ratio Lower Upper
91 100
106 45.5 36.7 55.1

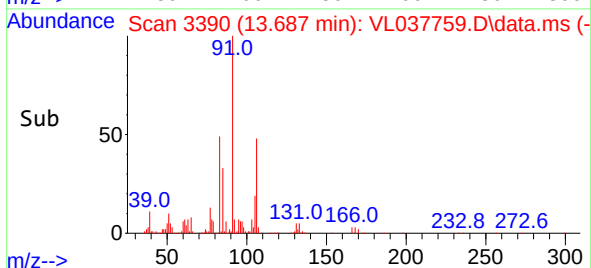
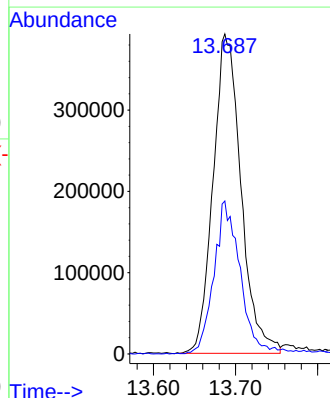
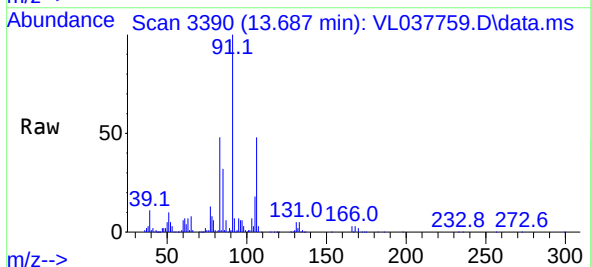
Manual Integrations
APPROVED

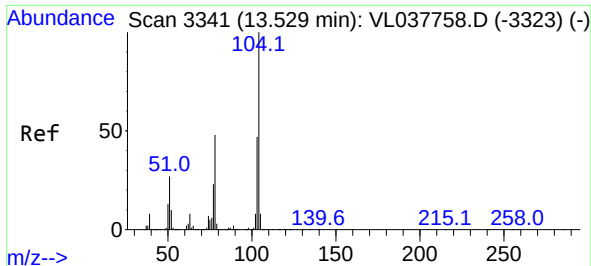
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#60
o-Xylene
Concen: 2.10 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Tgt Ion: 91 Resp: 928899
Ion Ratio Lower Upper
91 100
106 46.6 23.5 70.5





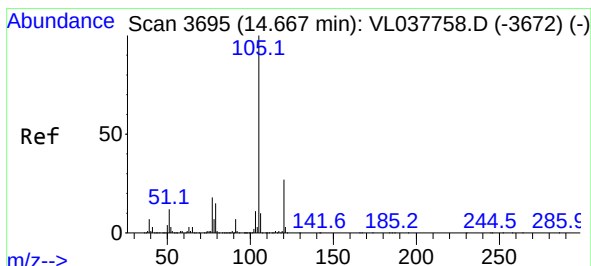
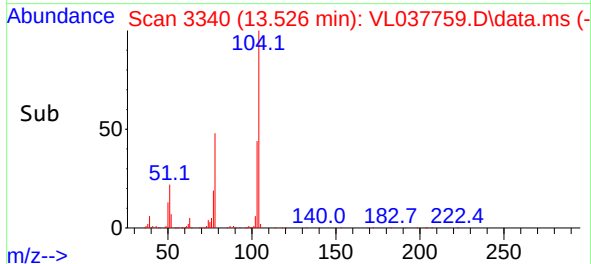
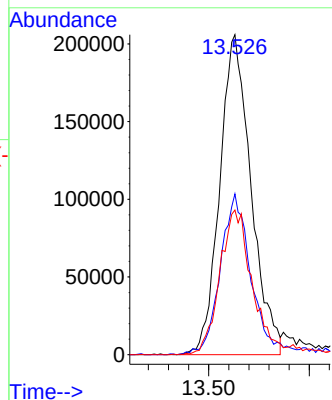
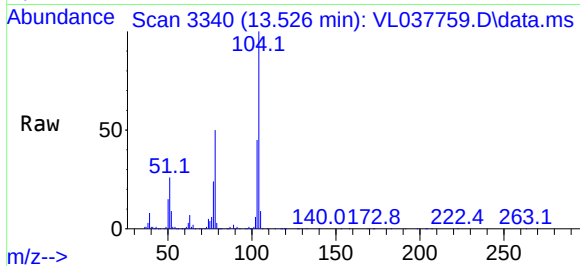
#61
Styrene
Concen: 2.05 ppbv
RT: 13.526 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:104 Resp: 445624
Ion Ratio Lower Upper
104 100
78 49.9 40.6 61.0
103 48.4 39.6 59.4

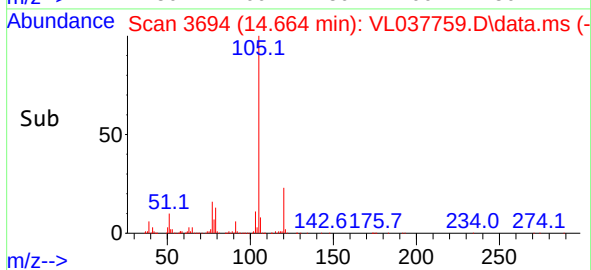
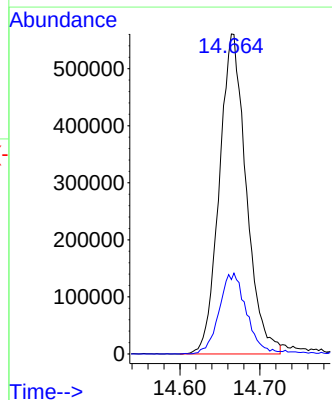
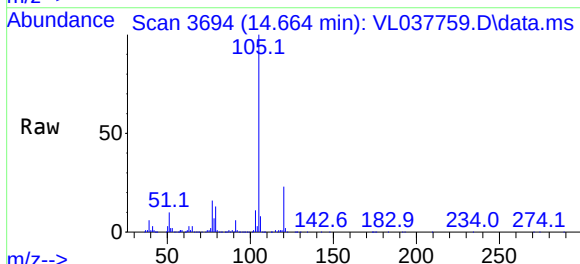
Manual Integrations
APPROVED

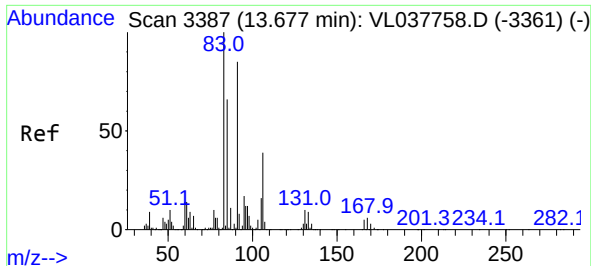
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#62
Isopropylbenzene
Concen: 2.12 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

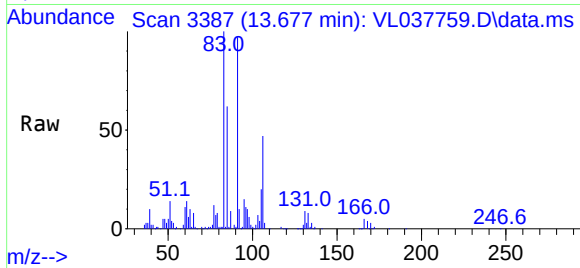
Tgt Ion:105 Resp: 1310189
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9





#63
1,1,2,2-Tetrachloroethane
Concen: 1.97 ppbv
RT: 13.677 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

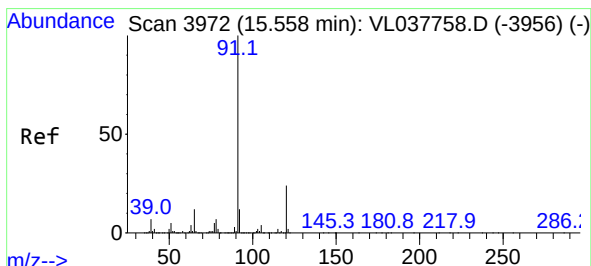
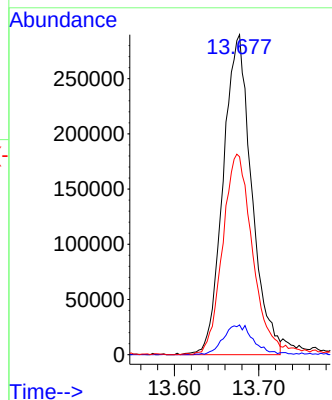
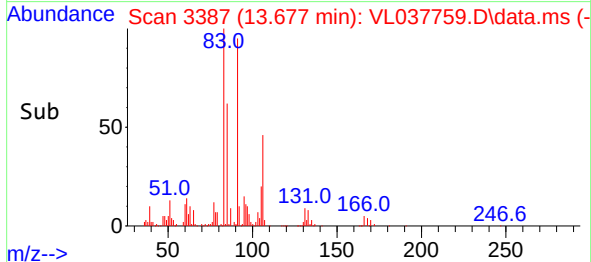
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



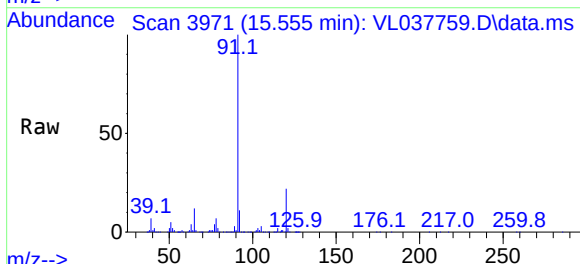
Tgt Ion: 83 Resp: 68006
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 68.0 33.1 99.5

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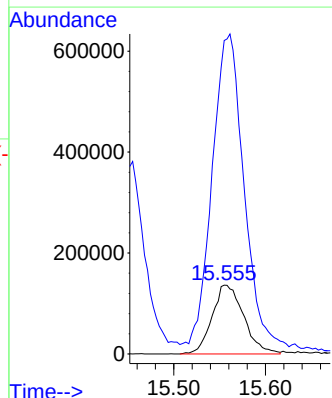
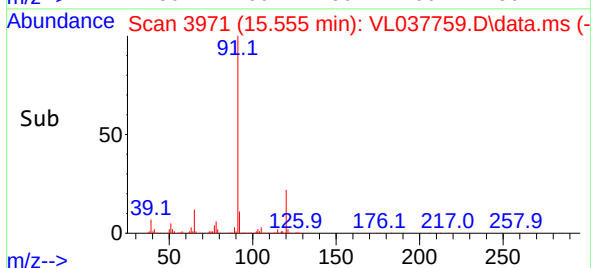
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

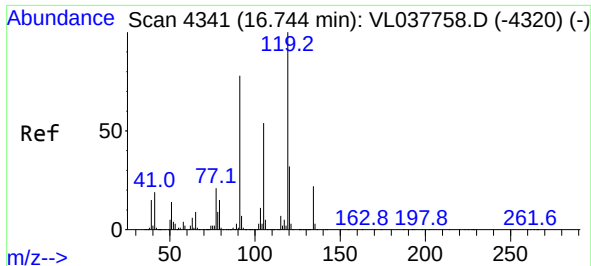


#64
n-propylbenzene
Concen: 2.05 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion:120 Resp: 326551
Ion Ratio Lower Upper
120 100
91 491.1 375.0 562.6





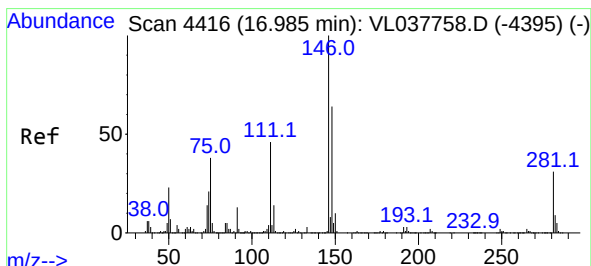
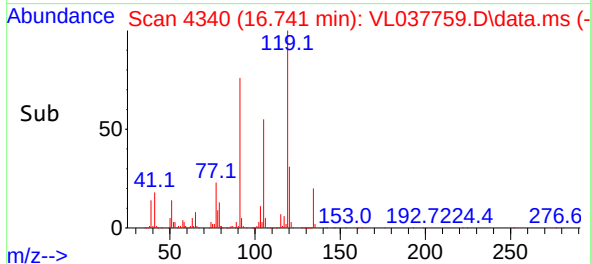
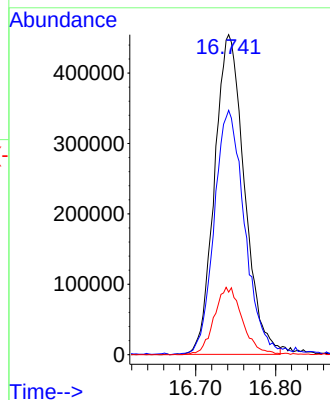
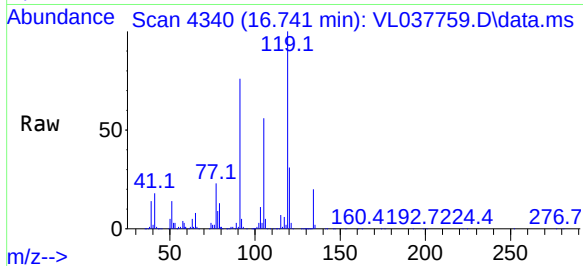
#65
tert-Butylbenzene
Concen: 2.12 ppbv
RT: 16.741 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 117844
Ion Ratio Lower Upper
119 100
91 79.2 62.6 94.0
134 20.2 16.3 24.5

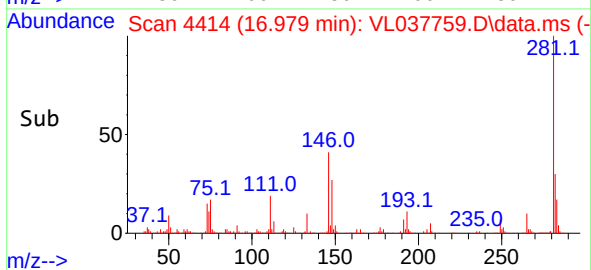
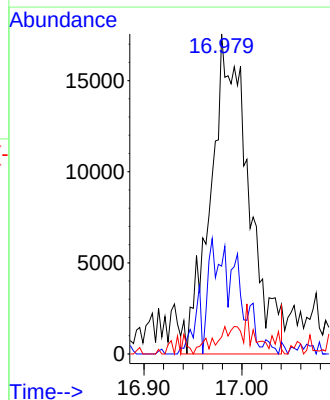
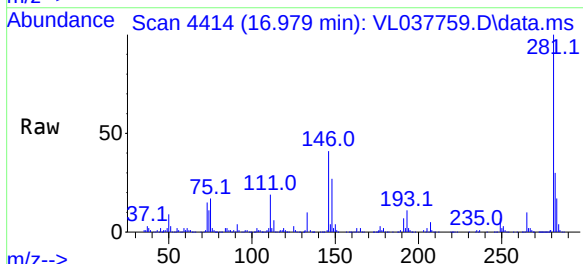
Manual Integrations
APPROVED

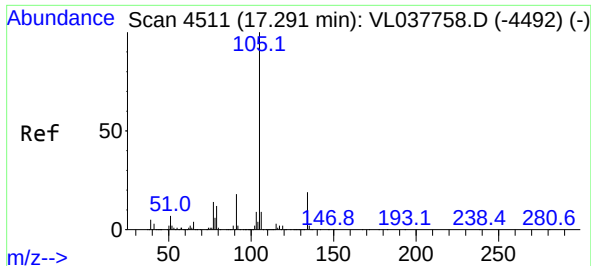
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#66
Benzyl Chloride
Concen: 1.55 ppbv m
RT: 16.979 min Scan# 4414
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

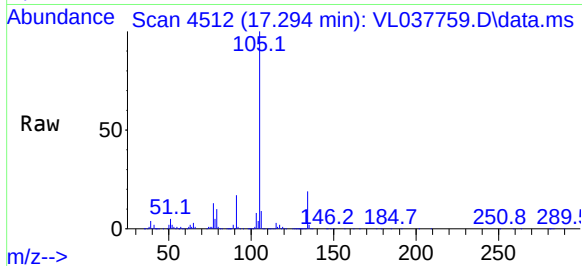
Tgt Ion: 91 Resp: 47053
Ion Ratio Lower Upper
91 100
126 31.9 0.0 0.0#
128 8.9 5.3 7.9#





#67
 sec-Butylbenzene
 Concen: 2.14 ppbv
 RT: 17.294 min Scan# 4511
 Delta R.T. 0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18

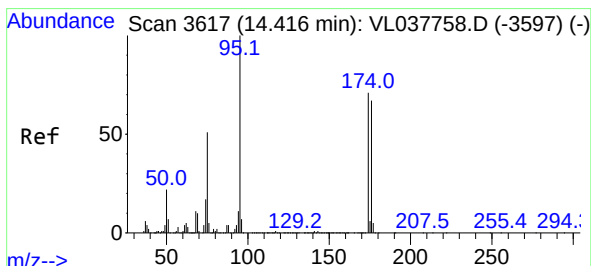
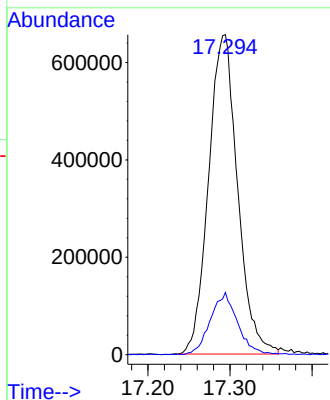
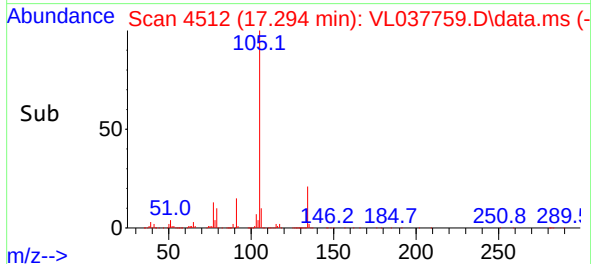
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



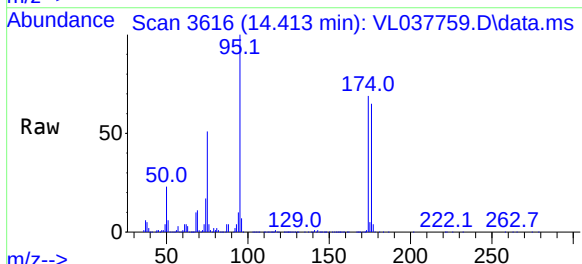
Tgt Ion:105 Resp: 161440
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.4 23.0

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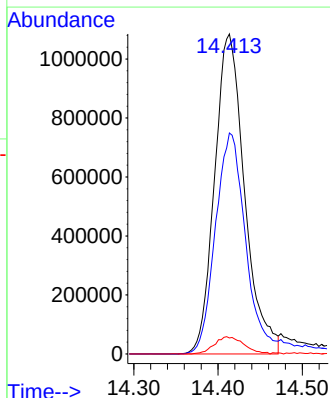
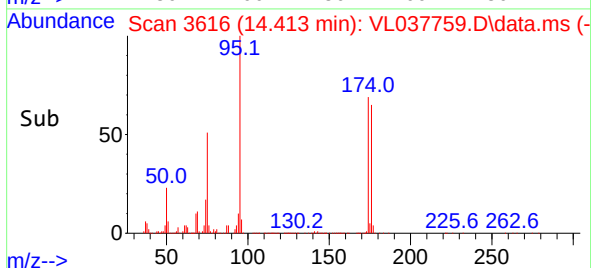
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

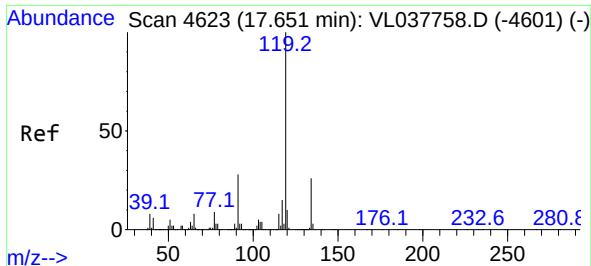


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.26 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. -0.003 min
 Lab File: VL037759.D
 Acq: 4 Oct 2021 12:18



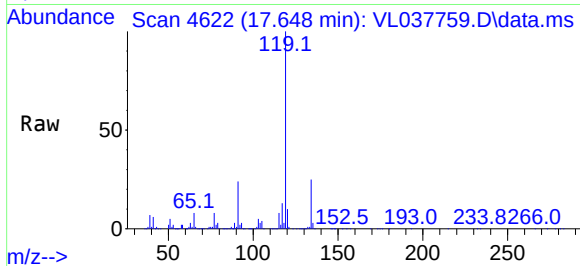
Tgt Ion: 95 Resp: 2682997
 Ion Ratio Lower Upper
 95 100
 174 74.5 57.8 86.6
 175 5.4 4.7 7.1





#69
p-Isopropyltoluene
Concen: 2.15 ppbv
RT: 17.648 min Scan# 4622
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

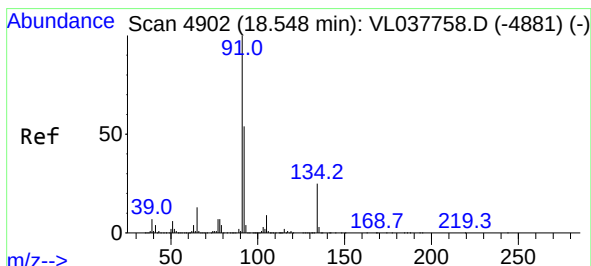
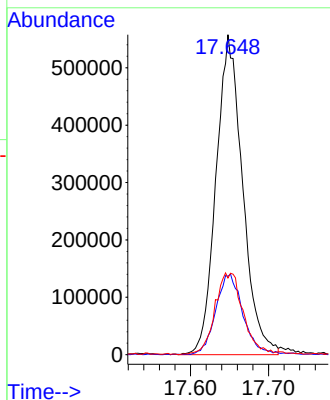
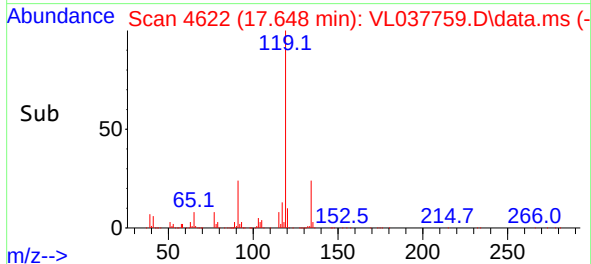
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



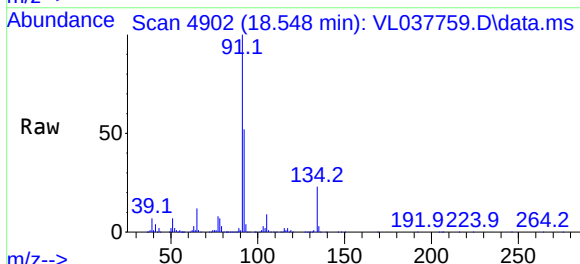
Tgt Ion: 119 Resp: 1322652
Ion Ratio Lower Upper
119 100
134 25.8 21.2 31.8
91 27.3 22.2 33.4

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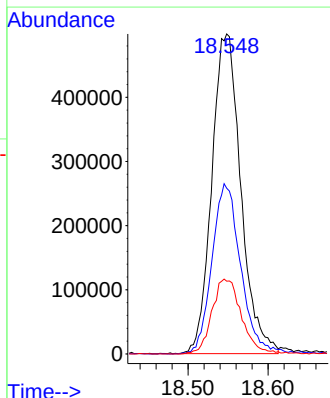
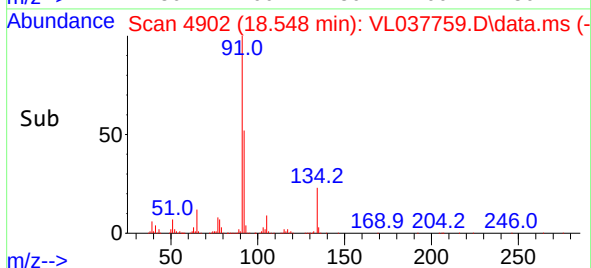
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

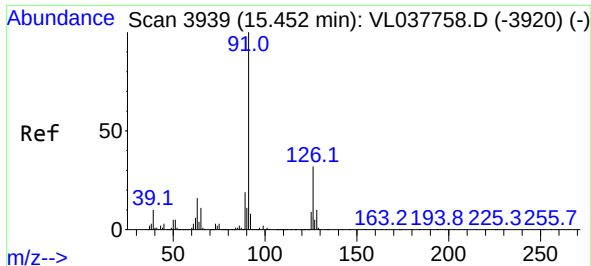


#70
n-Butylbenzene
Concen: 2.15 ppbv
RT: 18.548 min Scan# 4902
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



Tgt Ion: 91 Resp: 1256579
Ion Ratio Lower Upper
91 100
92 53.4 43.4 65.0
134 23.9 19.8 29.6





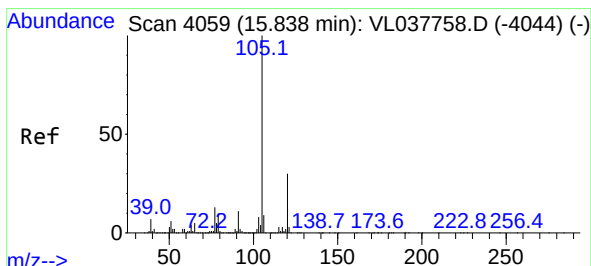
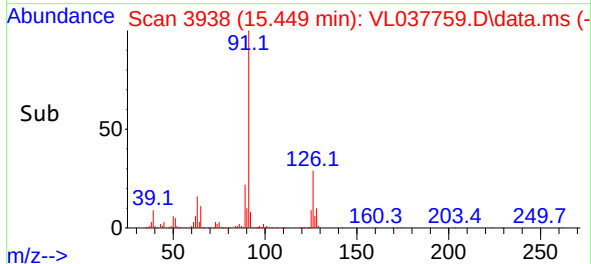
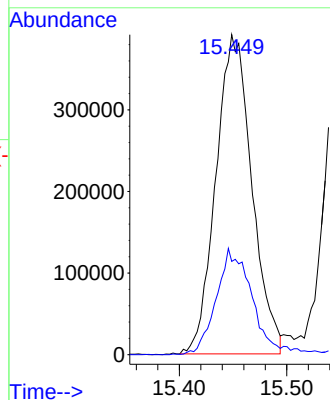
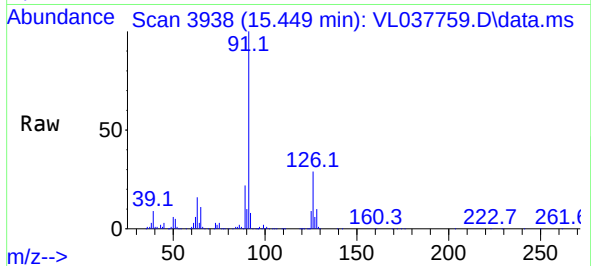
#71
2-Chlorotoluene
Concen: 2.06 ppbv
RT: 15.449 min Scan# 3939
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 90913
Ion Ratio Lower Upper
91 100
126 34.2 13.6 54.6

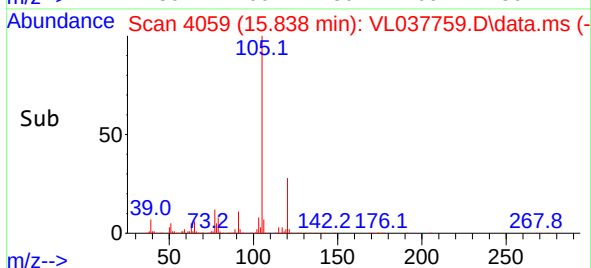
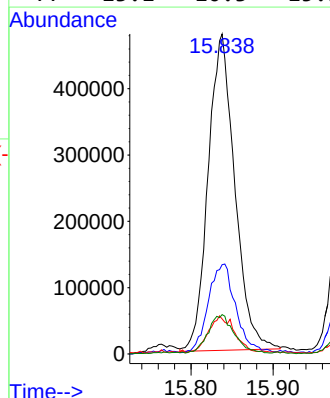
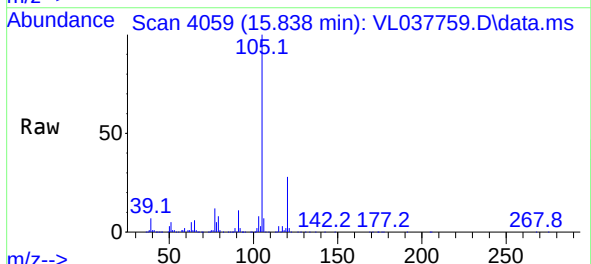
Manual Integrations
APPROVED

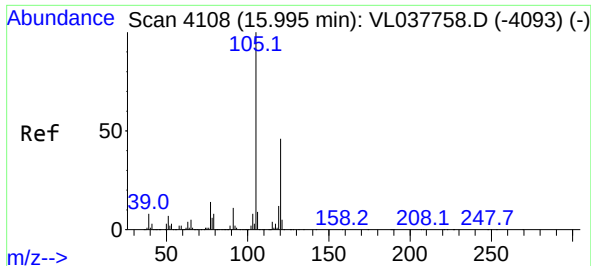
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#72
4-Ethyltoluene
Concen: 2.12 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

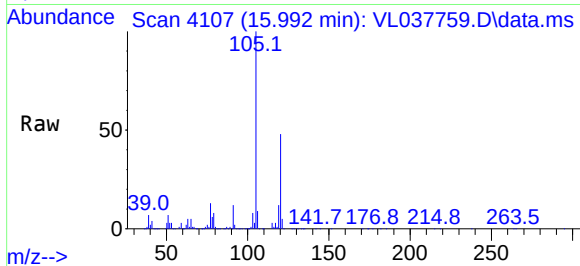
Tgt Ion:105 Resp: 1076311
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 11.7 10.4 15.6
77 13.1 10.3 15.5





#73
1,3,5-Trimethylbenzene
Concen: 2.04 ppbv
RT: 15.992 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

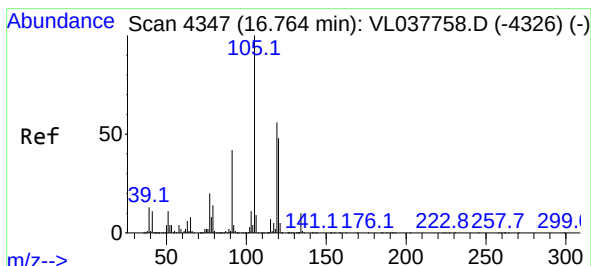
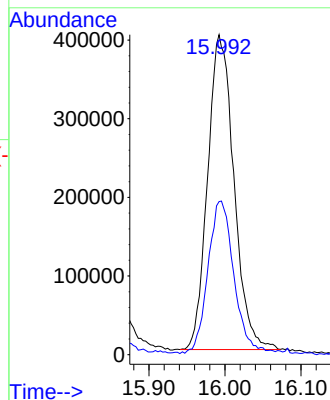
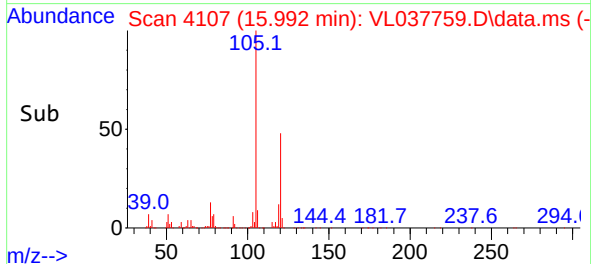
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



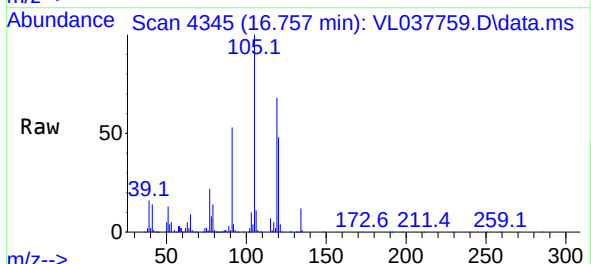
Tgt Ion:105 Resp: 961298
Ion Ratio Lower Upper
105 100
120 48.3 36.6 54.8

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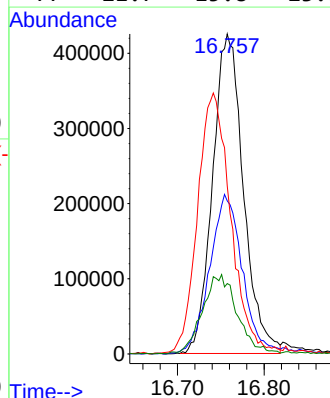
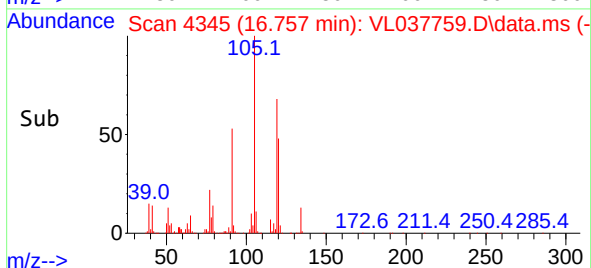
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

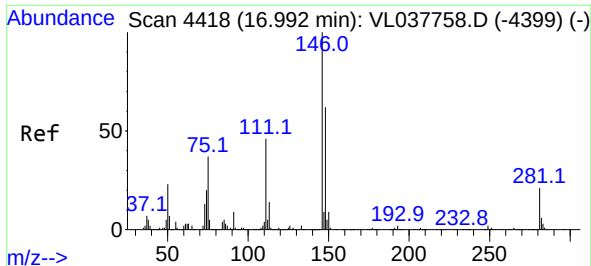


#74
1,2,4-Trimethylbenzene
Concen: 2.11 ppbv
RT: 16.757 min Scan# 4345
Delta R.T. -0.006 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



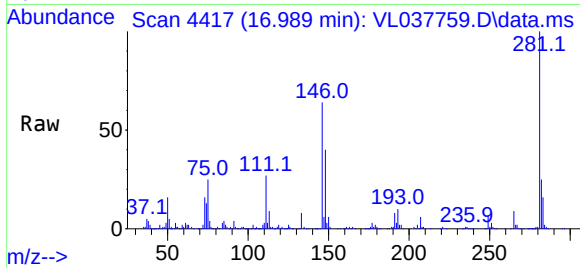
Tgt Ion:105 Resp: 1049958
Ion Ratio Lower Upper
105 100
120 47.1 38.4 57.6
91 51.3 34.2 51.2#
77 21.7 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 1.96 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

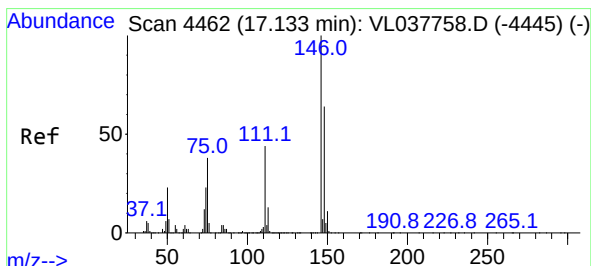
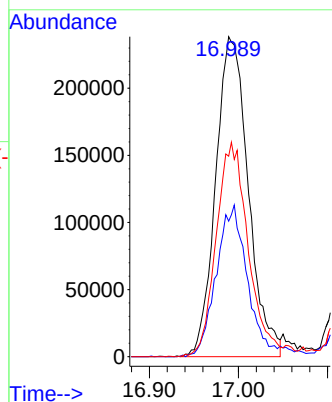
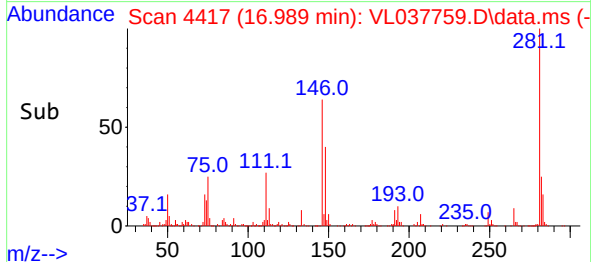
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



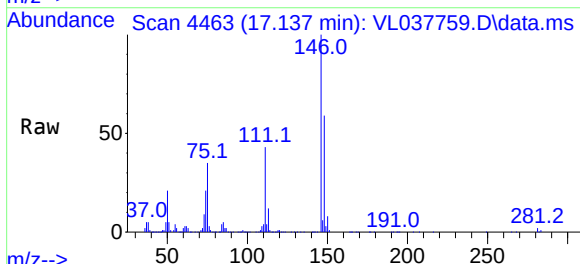
Tgt Ion:146 Resp: 60647
Ion Ratio Lower Upper
146 100
111 46.5 22.8 68.4
148 67.5 32.8 98.3

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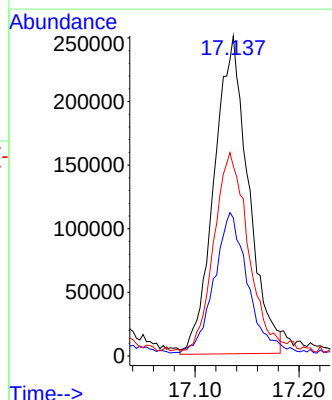
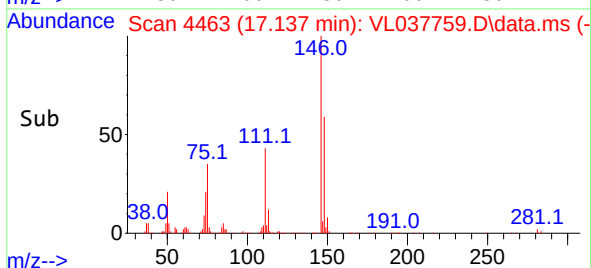
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

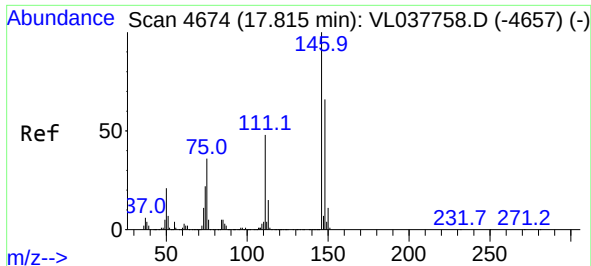


#76
1,4-Dichlorobenzene
Concen: 1.88 ppbv
RT: 17.137 min Scan# 4463
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



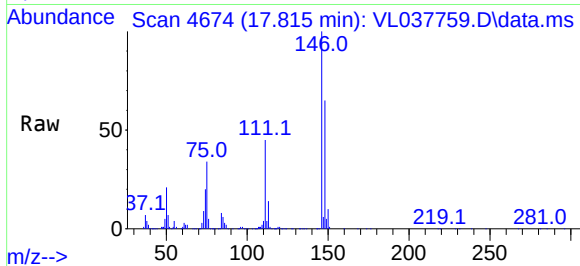
Tgt Ion:146 Resp: 572932
Ion Ratio Lower Upper
146 100
111 48.0 22.4 67.3
148 68.5 33.3 99.9





#77
1,2-Dichlorobenzene
Concen: 2.02 ppbv
RT: 17.815 min Scan# 4674
Delta R.T. 0.000 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

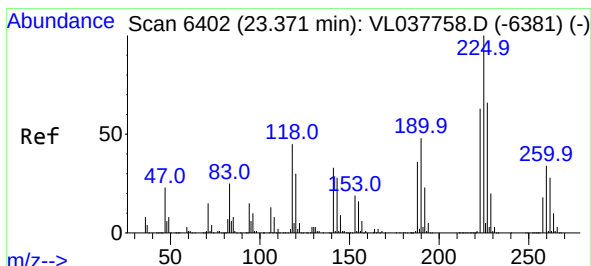
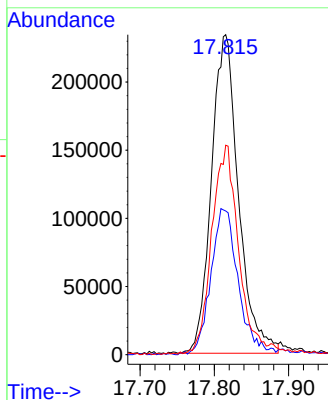
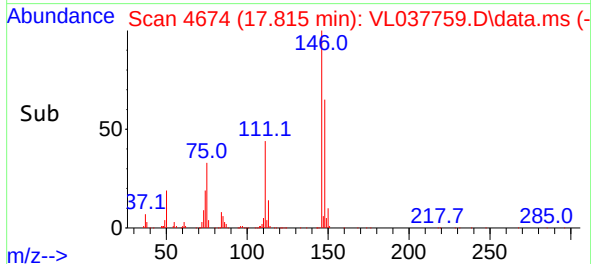
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



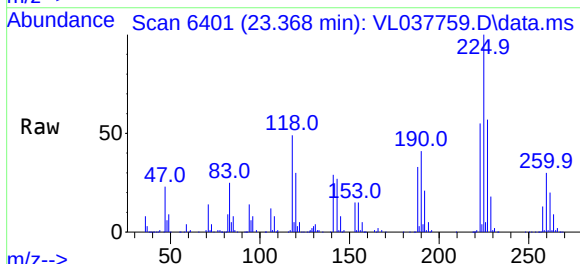
Tgt Ion:146 Resp: 592910
Ion Ratio Lower Upper
146 100
111 48.2 23.6 70.8
148 65.4 32.9 98.6

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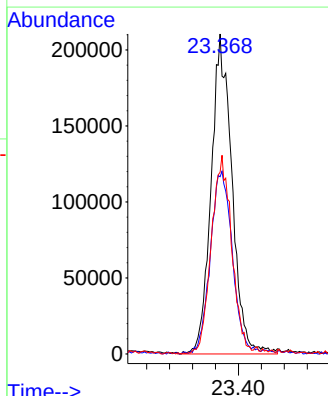
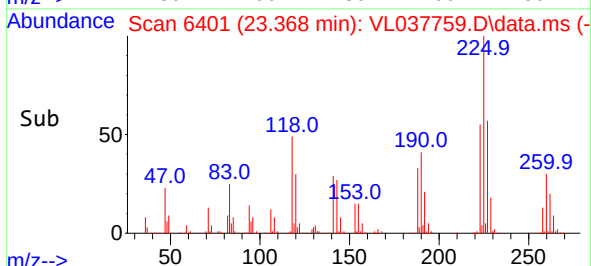
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

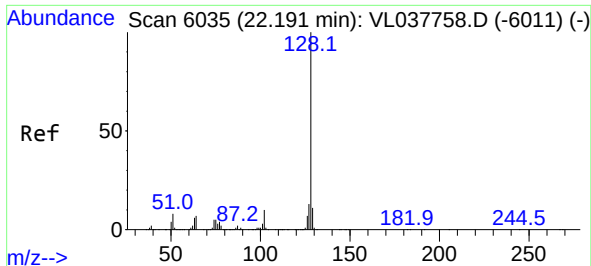


#78
Hexachloro-1,3-Butadiene
Concen: 2.15 ppbv m
RT: 23.368 min Scan# 6401
Delta R.T. -0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



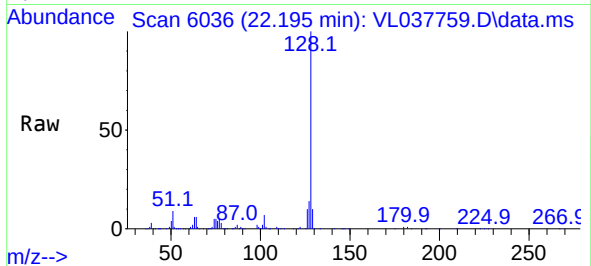
Tgt Ion:225 Resp: 529840
Ion Ratio Lower Upper
225 100
223 62.0 51.2 76.8
227 63.4 51.1 76.7





#79
Naphthalene
Concen: 2.29 ppbv m
RT: 22.195 min Scan# 6035
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

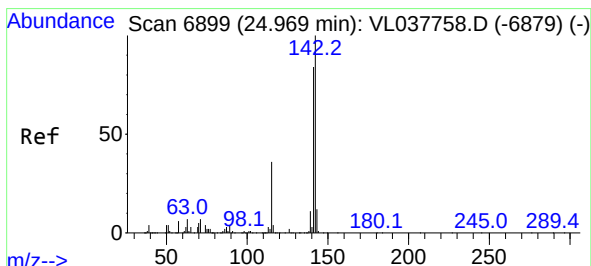
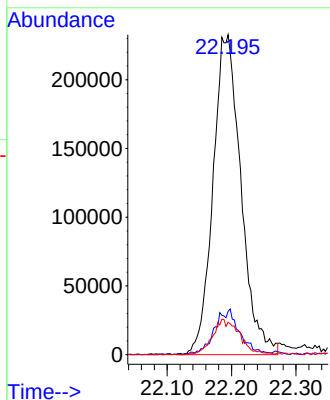
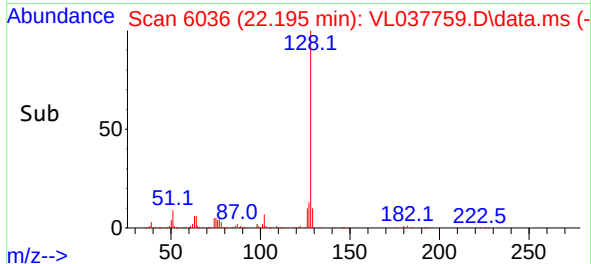
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



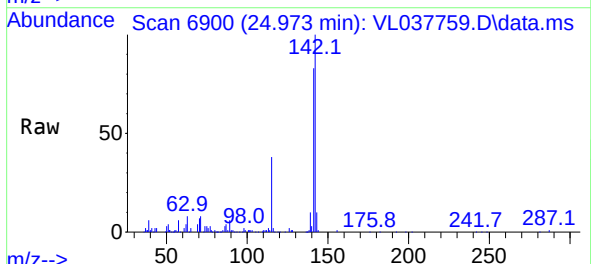
Tgt Ion:128 Resp: 70053
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 10.2 9.1 13.7

Manual Integrations
APPROVED

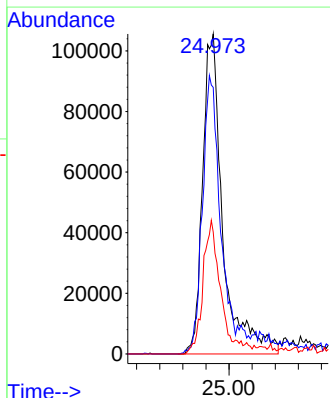
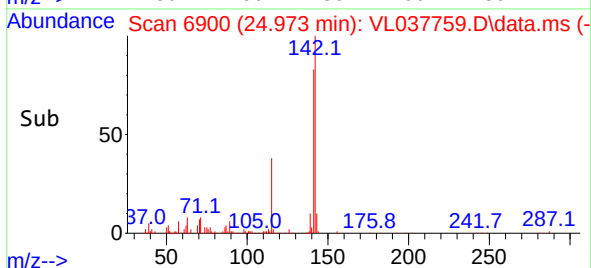
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021

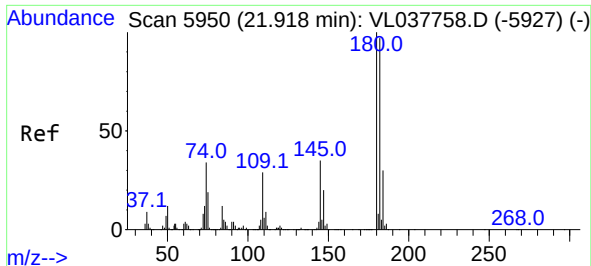


#80
Naphthalene,2-methyl-
Concen: 3.68 ppbv
RT: 24.973 min Scan# 6900
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18



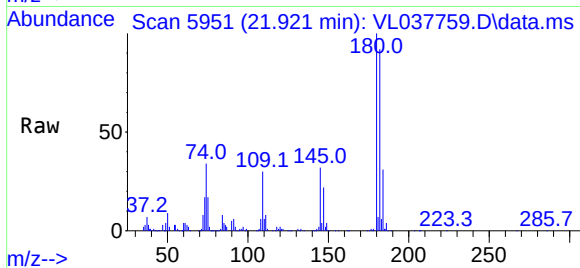
Tgt Ion:142 Resp: 256671
Ion Ratio Lower Upper
142 100
141 80.4 68.6 102.8
115 39.0 29.0 43.6





#81
1,2,4-Trichlorobenzene
Concen: 2.15 ppbv
RT: 21.921 min Scan# 5951
Delta R.T. 0.003 min
Lab File: VL037759.D
Acq: 4 Oct 2021 12:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:180 Resp: 42178
Ion Ratio Lower Upper
180 100
182 99.7 77.6 116.4
184 31.7 25.0 37.4

Manual Integrations
APPROVED

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

