

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039741.D
 Acq On : 21 Oct 2022 10:44
 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 :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 14:16:23 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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

QLast Update : Fri Oct 21 14:16:04 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1072735	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2939328	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2726545	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1874147 9.208 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.100%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.751	85	386839m	3.111	ppbv	
3) Chlorodifluoromethane	2.697	51	262849	2.065	ppbv	99
4) Chloromethane	2.835	50	161041	2.096	ppbv	97
5) Vinyl Chloride	2.941	62	131967	2.061	ppbv	91
6) Bromomethane	3.140	94	47944m	2.030	ppbv	
7) Chloroethane	3.214	64	49848m	2.129	ppbv	
8) Dichlorotetrafluoroethane	2.877	85	335442	2.249	ppbv	100
9) Propene	2.716	41	115496	1.986	ppbv	91
10) Heptane	7.578	43	280991	2.071	ppbv	98
11) Trichlorofluoromethane	3.581	101	323737	2.102	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.082	101	253556	2.180	ppbv	97
13) Ethanol	3.263	45	9268m	2.092	ppbv	
14) Bromoethene	3.385	108	94872	2.043	ppbv	93
15) Acetone	3.491	43	261663	2.192	ppbv	94
16) 1,3-Butadiene	3.005	39	130384	2.153	ppbv	99
17) tert-Butyl alcohol	3.899	59	190743m	1.781	ppbv	
18) 1,1-Dichloroethene	3.896	96	108949	2.129	ppbv	98
19) Isopropyl Alcohol	3.600	45	113601m	1.867	ppbv	
20) Methylene Chloride	3.951	84	101445m	1.838	ppbv	
21) Allyl Chloride	4.012	41	185032m	2.276	ppbv	
22) trans-1,2-Dichloroethene	4.459	96	110635	2.185	ppbv	90
23) Vinyl Acetate	4.642	43	111989m	2.075	ppbv	
24) 1,1-Dichloroethane	4.574	63	244869	2.279	ppbv	100
25) Ethyl Acetate	5.214	43	535773	2.058	ppbv	98
26) Hexane	5.221	57	215789	1.954	ppbv	98
27) Carbon Disulfide	4.137	76	253270	2.182	ppbv	96
28) Methyl tert-Butyl Ether	4.607	73	199742	2.152	ppbv	99
29) Chloroform	5.279	83	331035	2.076	ppbv	94
30) Cyclohexane	6.603	84	168721	1.972	ppbv	94
31) cis-1,2-Dichloroethene	5.086	61	180804m	1.810	ppbv	
32) 1,1,1-Trichloroethane	6.005	97	303438	2.102	ppbv	98
34) 2-Butanone	4.799	43	271324	1.879	ppbv	98
35) Carbon Tetrachloride	6.491	117	322345	2.066	ppbv	88
36) Benzene	6.372	78	461849	2.055	ppbv	99
37) 1,2-Dichloroethane	5.806	62	247974m	2.027	ppbv	
38) Trichloroethene	7.288	130	250830	2.065	ppbv	94
39) 1,2-Dichloropropane	7.073	63	166914	1.924	ppbv	92
40) 1,4-Dioxane	7.304	88	61544m	1.737	ppbv	
41) Tetrahydrofuran	5.571	42	170841	1.929	ppbv	97
42) Bromodichloromethane	7.246	83	331259	1.947	ppbv	93
43) Methyl Methacrylate	7.475	69	159198	1.943	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	792554	2.046	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	123348m	1.782	ppbv	

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Manual Integrations
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Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 14:16:23 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

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

QLast Update : Fri Oct 21 14:16:04 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	173830	1.764	ppbv	93
47) 1,1,2-Trichloroethane	8.896	97	186396	1.965	ppbv	94
48) Dibromochloromethane	9.706	129	275036	1.926	ppbv	96
49) Bromoform	12.394	173	226216	1.915	ppbv	98
50) 4-Methyl-2-Pentanone	8.185	43	448797	1.978	ppbv	98
51) 2-Hexanone	9.558	43	318906	1.899	ppbv #	100
52) Tetrachloroethene	10.610	164	167153	1.950	ppbv	95
53) Toluene	9.214	91	496598	1.987	ppbv	99
54) 1,2-Dibromoethane	10.002	107	196635	1.938	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.497	131	229829	2.086	ppbv #	1
57) Chlorobenzene	11.516	112	405842	2.024	ppbv	96
58) Ethyl Benzene	12.079	91	659479	2.098	ppbv	100
59) m/p-Xylene	12.362	91	1171718m	4.188	ppbv	
60) o-Xylene	13.047	91	559338	2.094	ppbv	99
61) Styrene	12.889	104	276525	1.922	ppbv	96
62) Isopropylbenzene	14.021	105	829207	2.063	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	211590	1.985	ppbv	98
64) n-propylbenzene	14.905	120	204963	1.991	ppbv	93
65) tert-Butylbenzene	16.079	119	762212	2.146	ppbv	100
66) Benzyl Chloride	16.317	91	42073m	1.488	ppbv	
67) sec-Butylbenzene	16.629	105	1037998	2.084	ppbv	99
69) p-Isopropyltoluene	16.989	119	835252	2.040	ppbv	99
70) n-Butylbenzene	17.876	91	814064	2.029	ppbv	99
71) 2-Chlorotoluene	14.789	91	581306	2.003	ppbv	99
72) 4-Ethyltoluene	15.185	105	623623	2.045	ppbv	98
73) 1,3,5-Trimethylbenzene	15.342	105	573419	2.055	ppbv	96
74) 1,2,4-Trimethylbenzene	16.098	105	649191	2.075	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	368922	1.976	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	352303	1.887	ppbv	95
77) 1,2-Dichlorobenzene	17.133	146	371922m	2.043	ppbv	
78) Hexachloro-1,3-Butadiene	22.622	225	264676	1.903	ppbv	96
79) Naphthalene	21.368	128	453135	2.195	ppbv	97
80) Naphthalene,2-methyl-	24.377	142	111664	1.438	ppbv	91
81) 1,2,4-Trichlorobenzene	21.124	180	264055m	1.947	ppbv	

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

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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

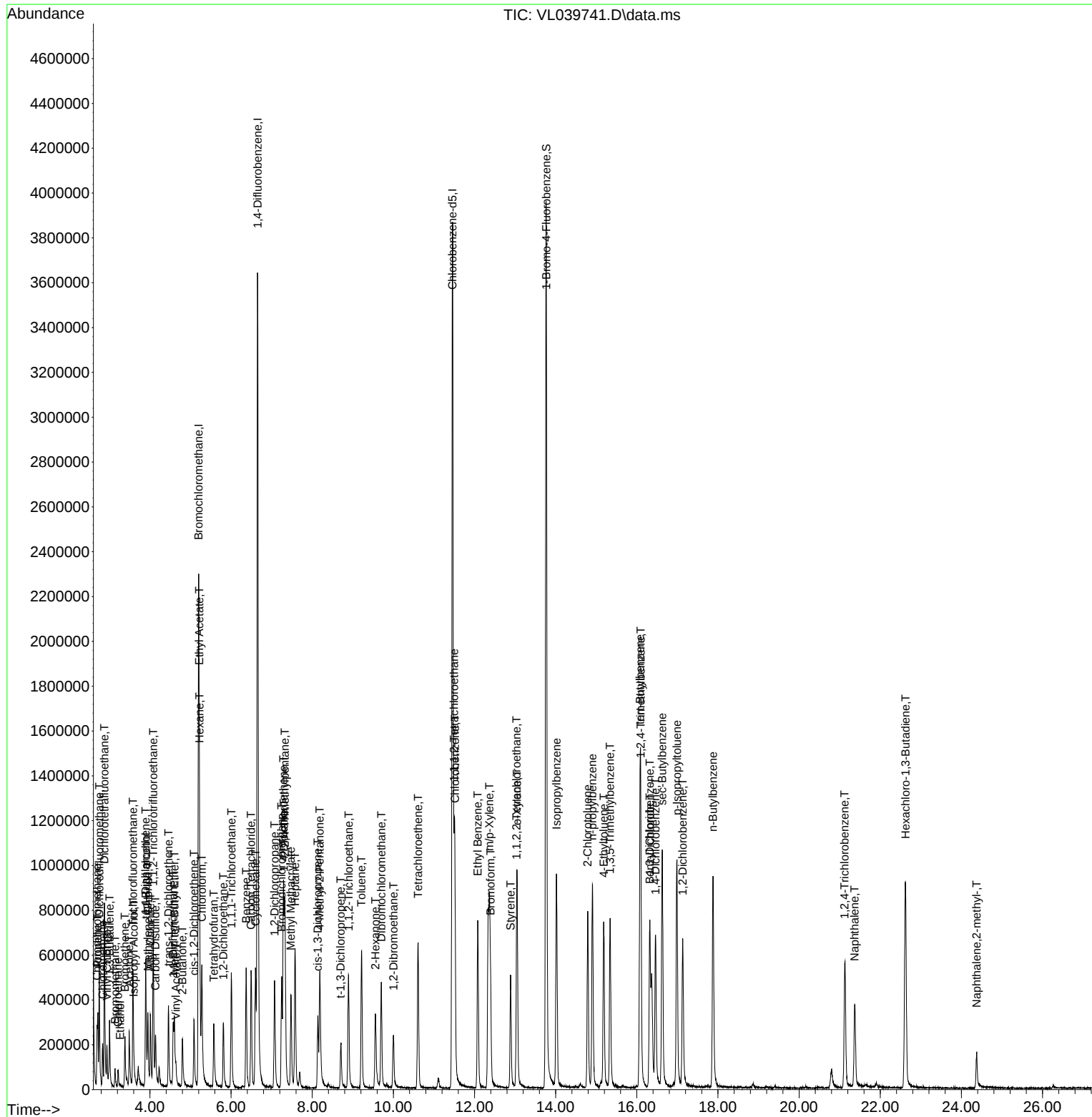
Quant Time: Oct 21 14:16:23 2022

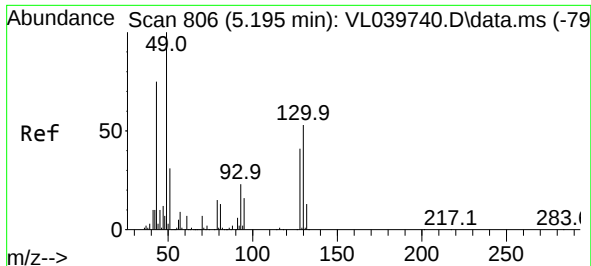
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

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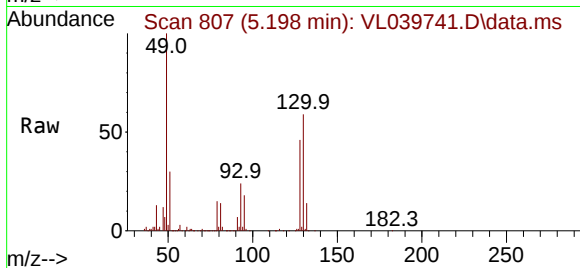
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 806
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

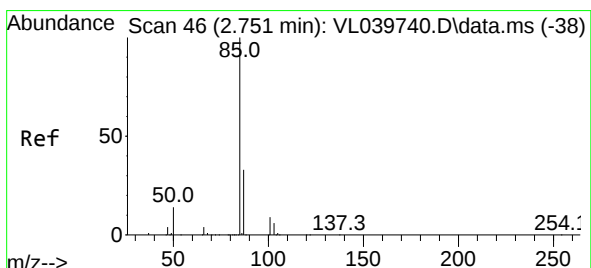
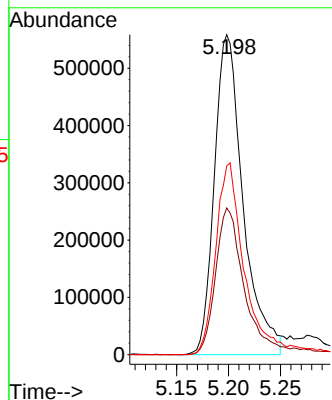
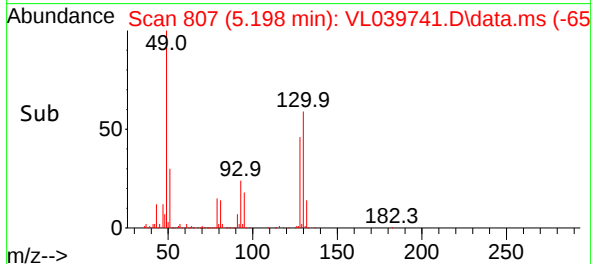
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 1072735
Ion Ratio Lower Upper
49 100
128 48.3 22.6 67.8
130 62.8 29.0 87.0

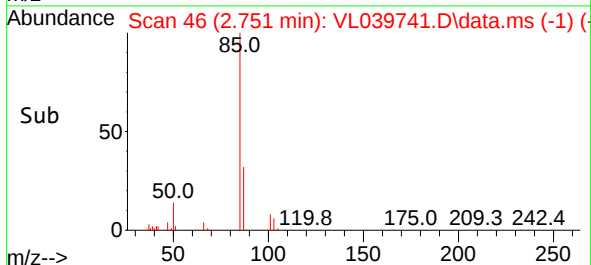
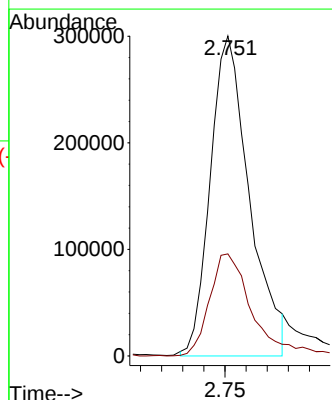
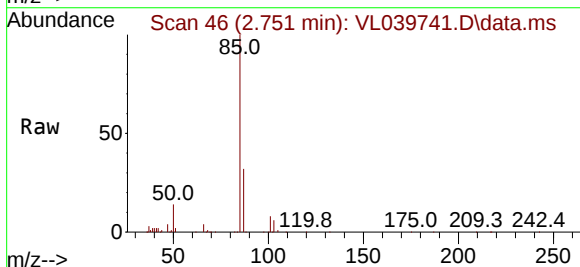
Manual Integrations
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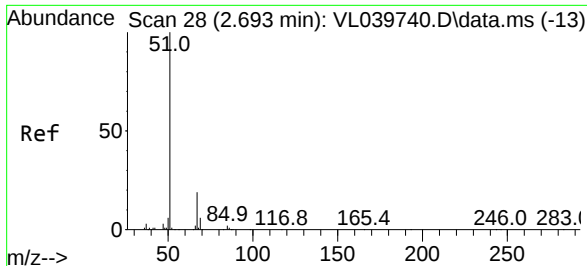
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 3.111 ppbv m
RT: 2.751 min Scan# 46
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

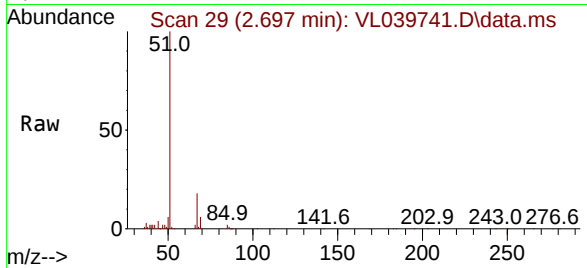
Tgt Ion: 85 Resp: 386839
Ion Ratio Lower Upper
85 100
87 31.9 26.6 40.0





#3
Chlorodifluoromethane
Concen: 2.065 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

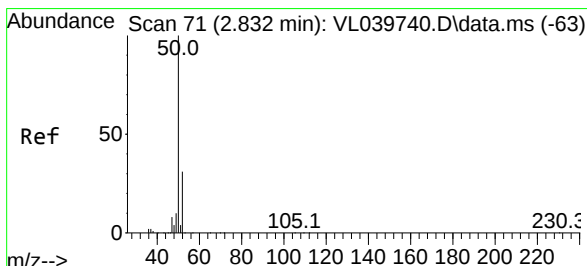
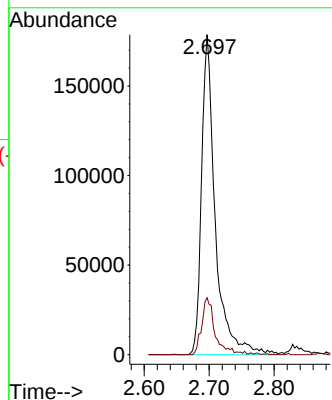
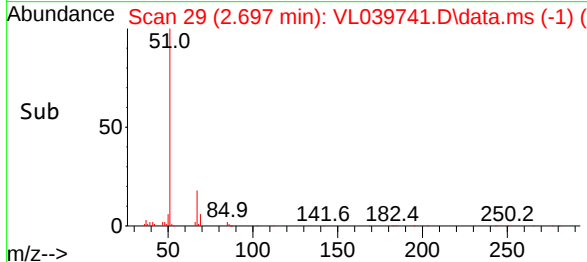
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



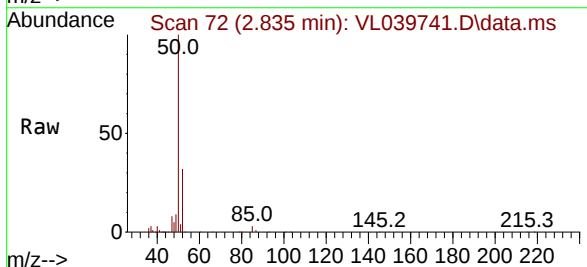
Tgt Ion: 51 Resp: 262849
Ion Ratio Lower Upper
51 100
67 17.8 14.6 21.8

Manual Integrations
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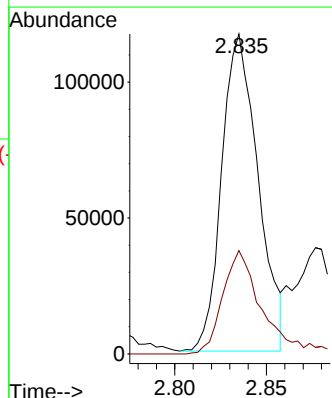
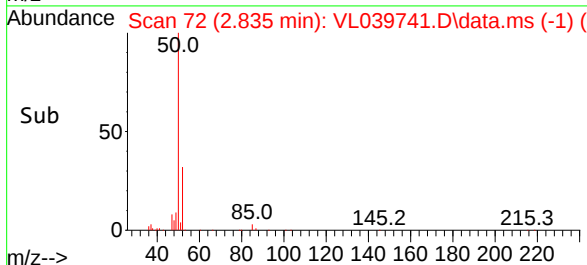
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

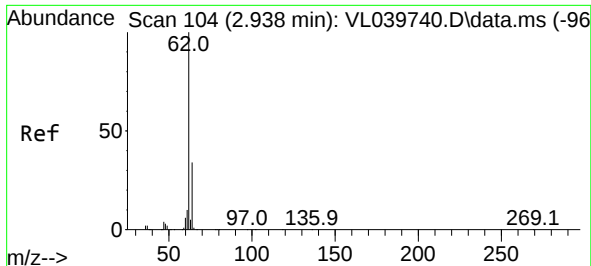


#4
Chloromethane
Concen: 2.096 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



Tgt Ion: 50 Resp: 161041
Ion Ratio Lower Upper
50 100
52 32.6 24.8 37.2





#5
 Vinyl Chloride
 Concen: 2.061 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

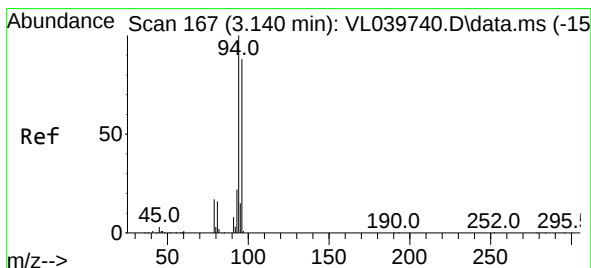
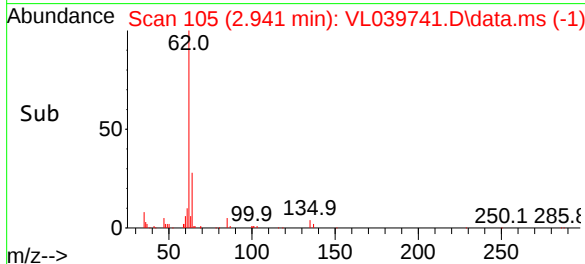
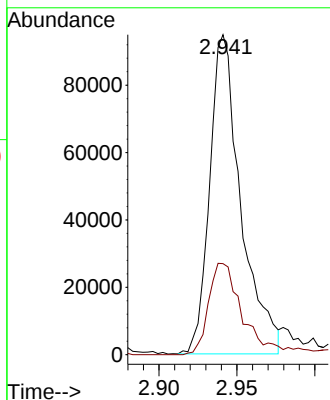
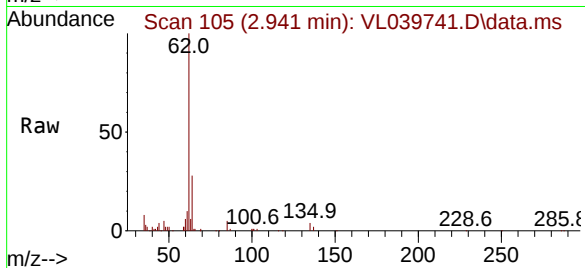
ClientSampleId :

VSTDICC002

Tgt Ion: 62 Resp: 13196
 Ion Ratio Lower Upper
 62 100
 64 28.5 27.1 40.7

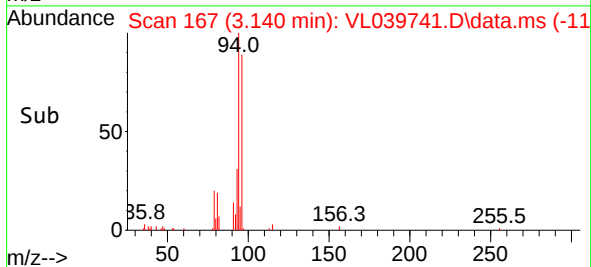
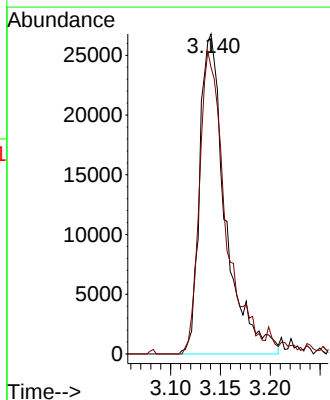
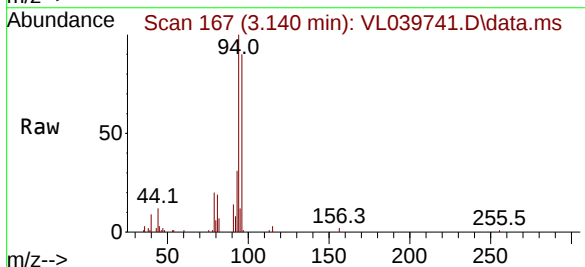
Manual Integrations
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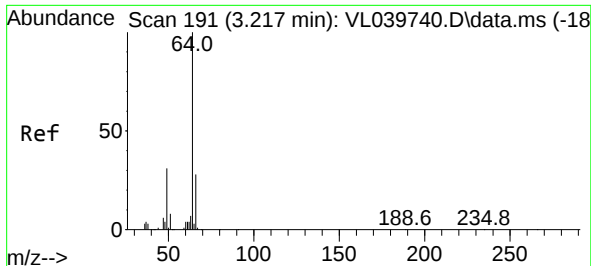
Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#6
 Bromomethane
 Concen: 2.030 ppbv m
 RT: 3.140 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

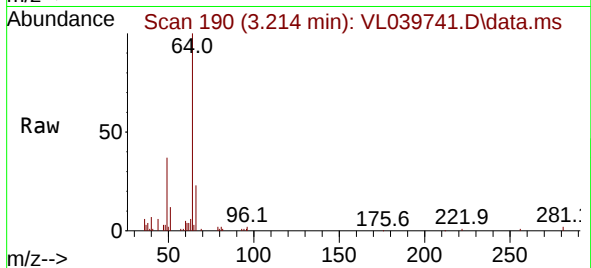
Tgt Ion: 94 Resp: 47944
 Ion Ratio Lower Upper
 94 100
 96 89.6 70.5 105.7





#7
Chloroethane
Concen: 2.129 ppbv m
RT: 3.214 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

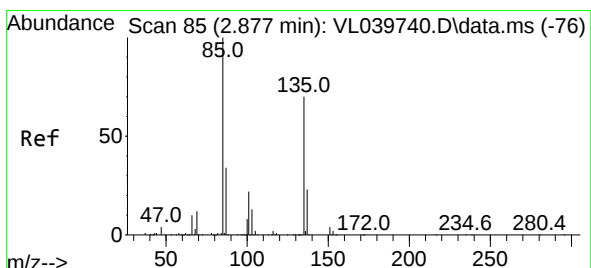
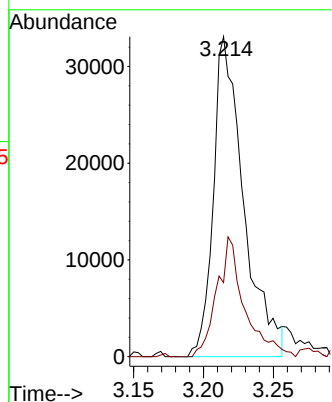
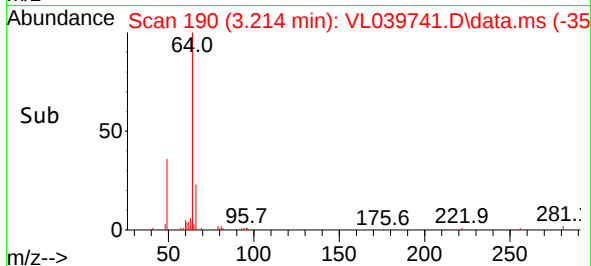
Instrument :
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Tgt Ion: 64 Resp: 49848
Ion Ratio Lower Upper
64 100
66 23.2 22.6 34.0

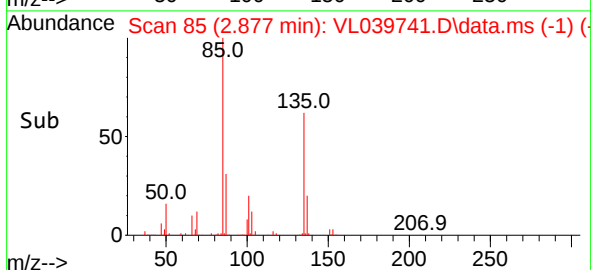
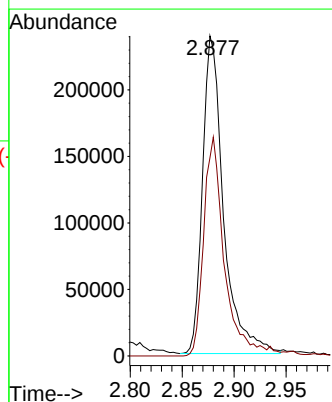
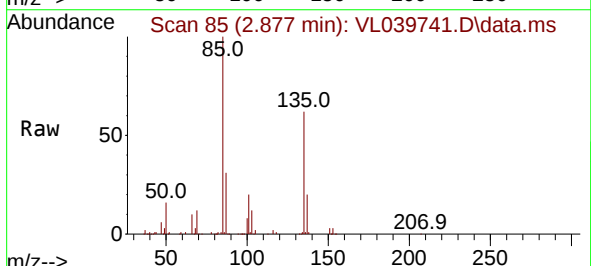
Manual Integrations
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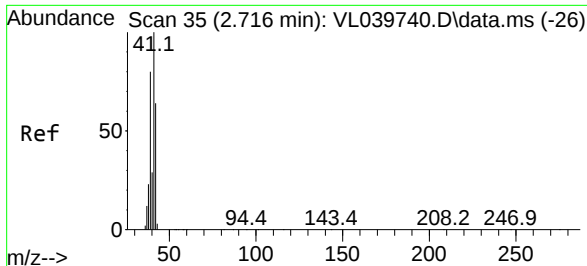
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#8
Dichlorotetrafluoroethane
Concen: 2.249 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

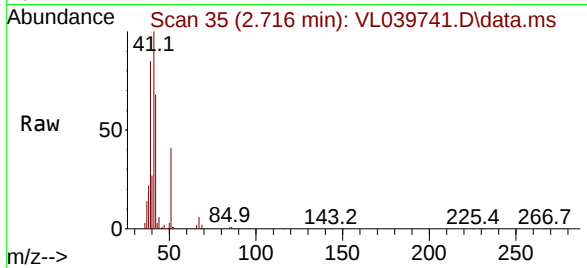
Tgt Ion: 85 Resp: 335442
Ion Ratio Lower Upper
85 100
135 69.8 56.1 84.1





#9
 Propene
 Concen: 1.986 ppbv
 RT: 2.716 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

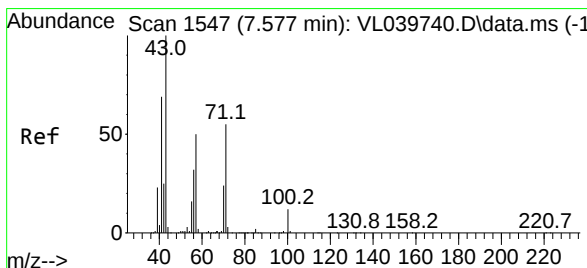
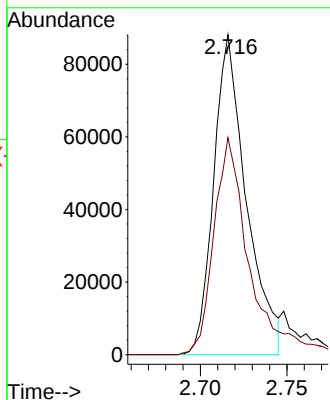
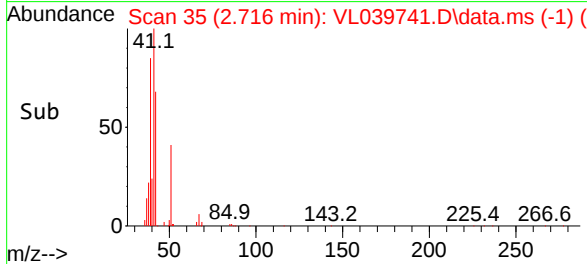
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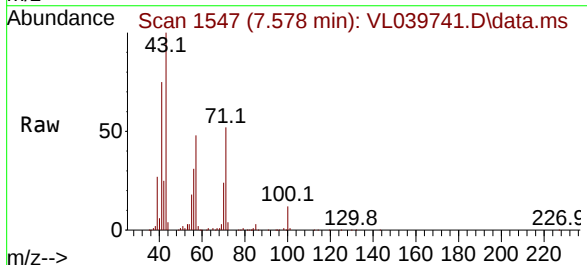
Tgt Ion: 41 Resp: 115490
 Ion Ratio Lower Upper
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 42 75.6 54.4 81.6

Manual Integrations
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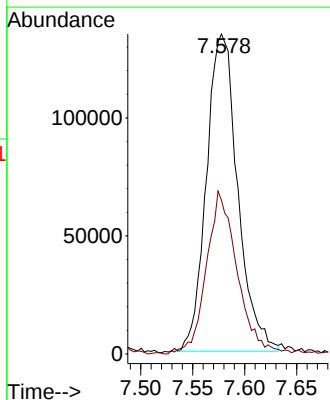
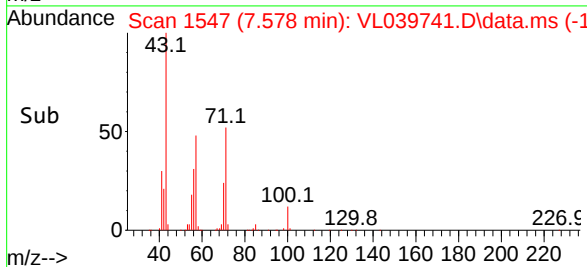
Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

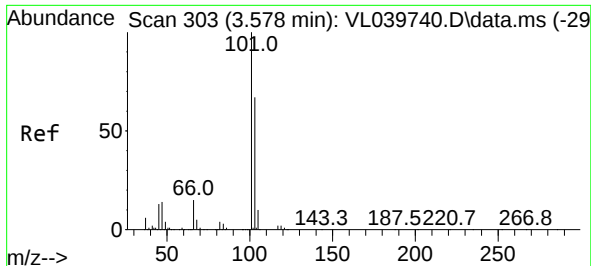


#10
 Heptane
 Concen: 2.071 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44



Tgt Ion: 43 Resp: 280991
 Ion Ratio Lower Upper
 43 100
 57 51.1 40.0 60.0





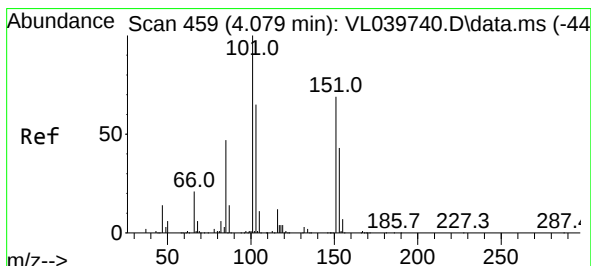
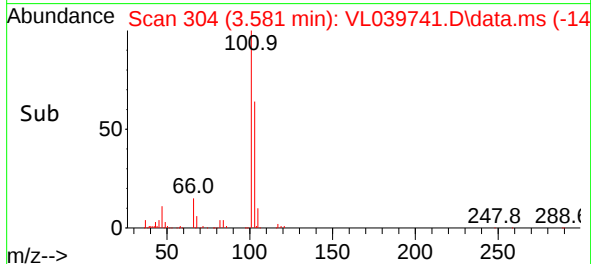
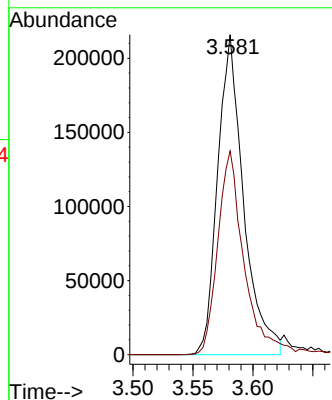
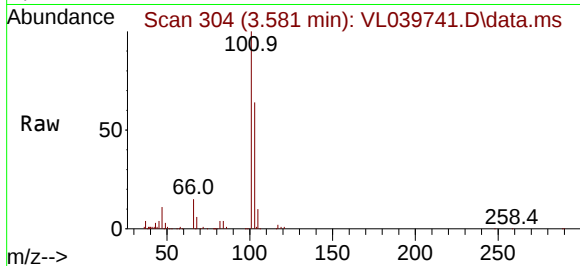
#11
 Trichlorofluoromethane
 Concen: 2.102 ppbv
 RT: 3.581 min Scan# 303
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion:101 Resp: 32373
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.2 79.8

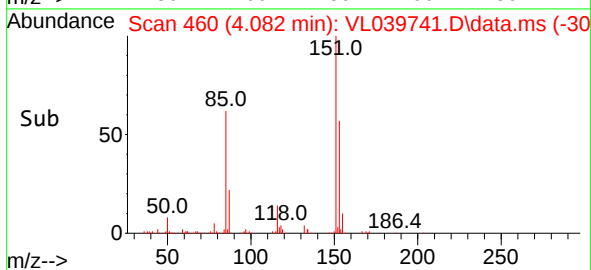
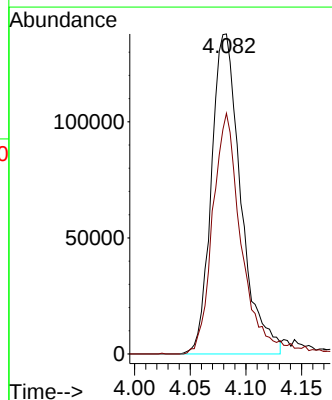
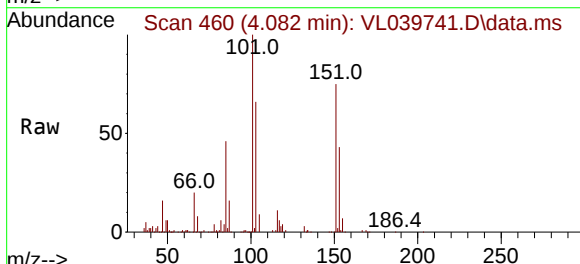
Manual Integrations
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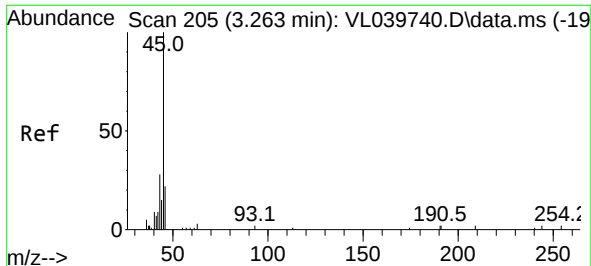
Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.180 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

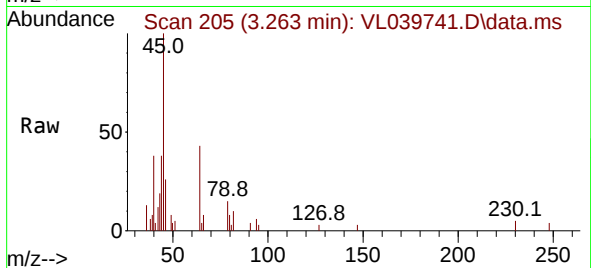
Tgt Ion:101 Resp: 253556
 Ion Ratio Lower Upper
 101 100
 151 75.1 58.0 87.0





#13
Ethanol
Concen: 2.092 ppbv m
RT: 3.263 min Scan# 205
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

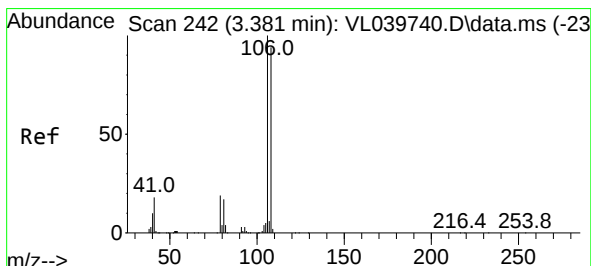
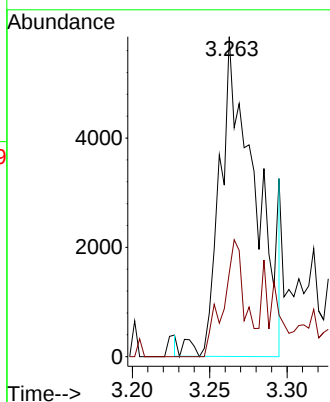
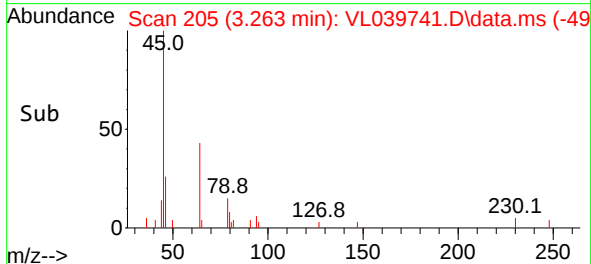
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



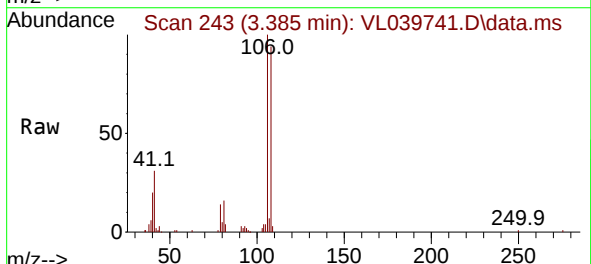
Tgt Ion: 45 Resp: 9268
Ion Ratio Lower Upper
45 100
46 43.8 14.8 59.2

Manual Integrations
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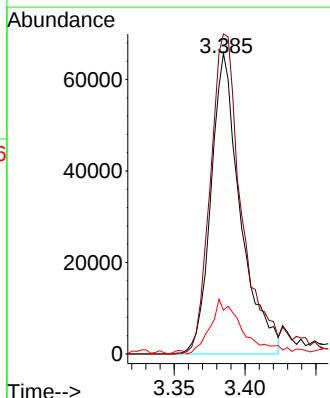
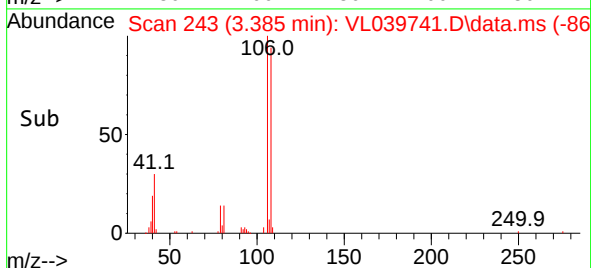
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

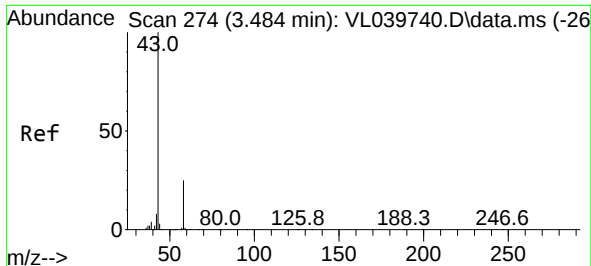


#14
Bromoethene
Concen: 2.043 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



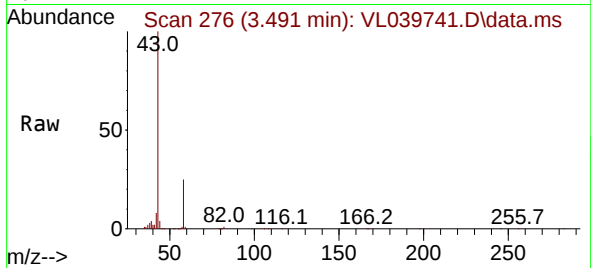
Tgt Ion:108 Resp: 94872
Ion Ratio Lower Upper
108 100
106 121.4 90.2 135.4
79 22.1 16.2 24.2





#15
Acetone
Concen: 2.192 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

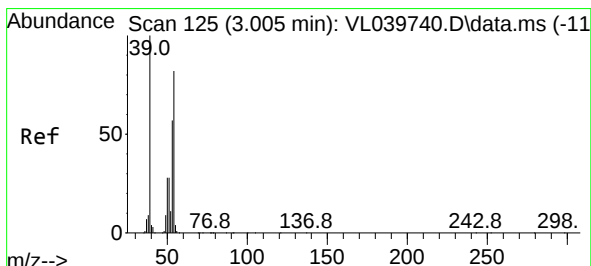
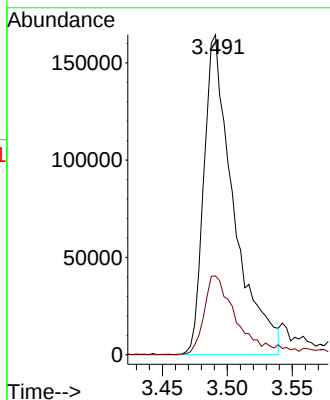
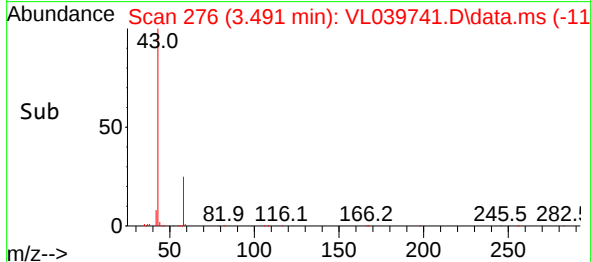
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



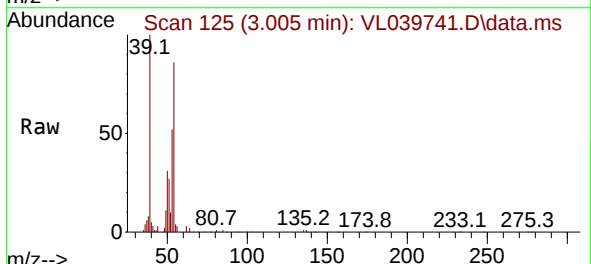
Tgt Ion: 43 Resp: 26166
Ion Ratio Lower Upper
43 100
58 29.0 20.9 31.3

Manual Integrations
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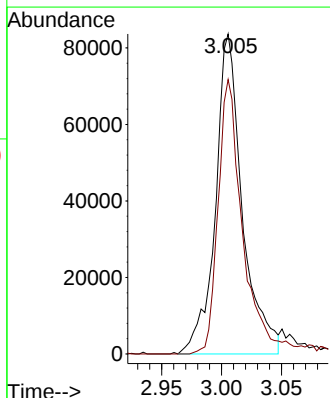
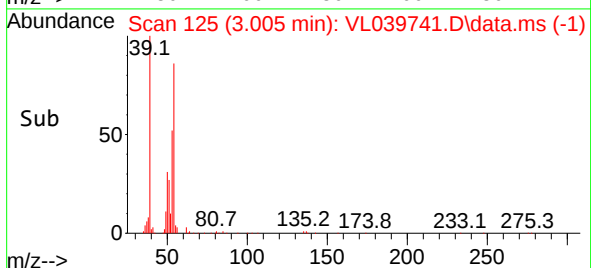
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

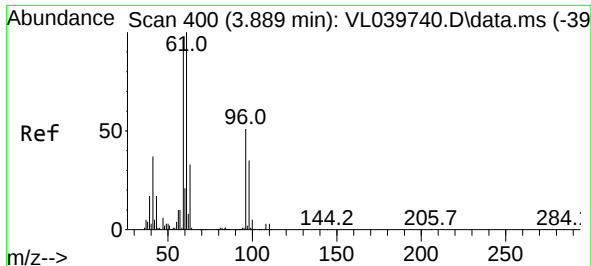


#16
1,3-Butadiene
Concen: 2.153 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



Tgt Ion: 39 Resp: 130384
Ion Ratio Lower Upper
39 100
54 82.2 65.2 97.8





#17

tert-Butyl alcohol

Concen: 1.781 ppbv m

RT: 3.899 min Scan# 403

Delta R.T. 0.010 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 59 Resp: 19074

Ion Ratio Lower Upper

59 100

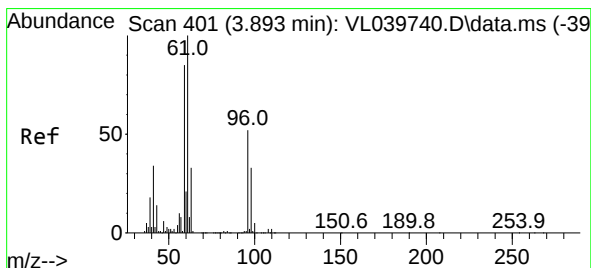
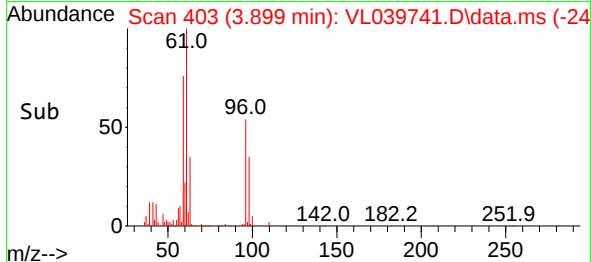
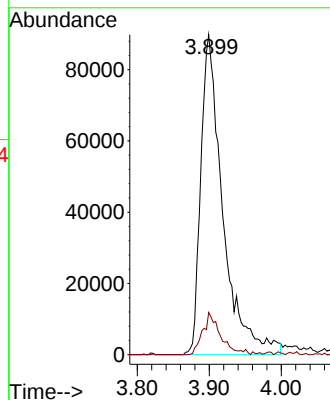
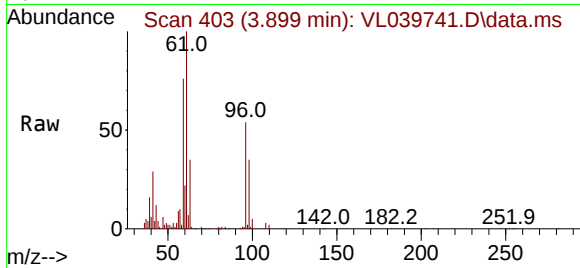
57 11.1 8.2 12.4

Manual Integrations

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Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#18

1,1-Dichloroethene

Concen: 2.129 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

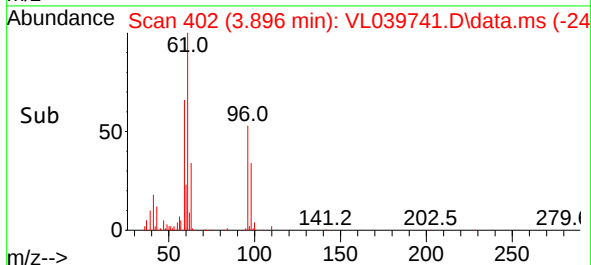
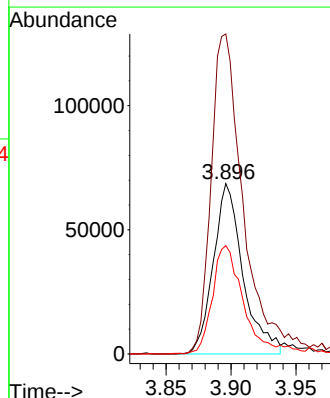
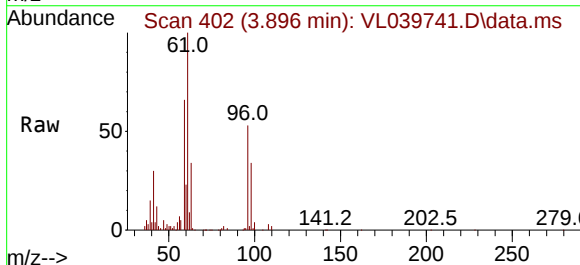
Tgt Ion: 96 Resp: 108949

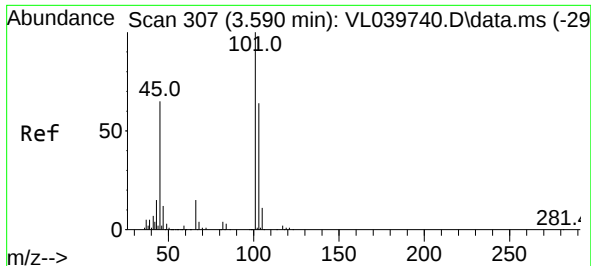
Ion Ratio Lower Upper

96 100

61 187.5 152.7 229.1

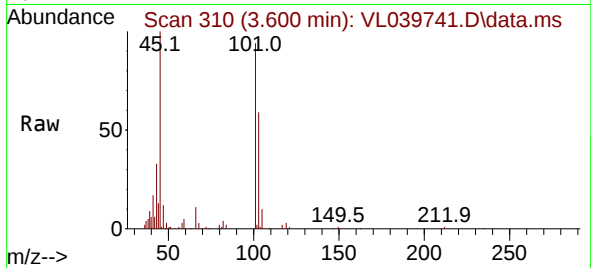
98 63.2 50.2 75.2





#19
Isopropyl Alcohol
Concen: 1.867 ppbv m
RT: 3.600 min Scan# 310
Delta R.T. 0.010 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

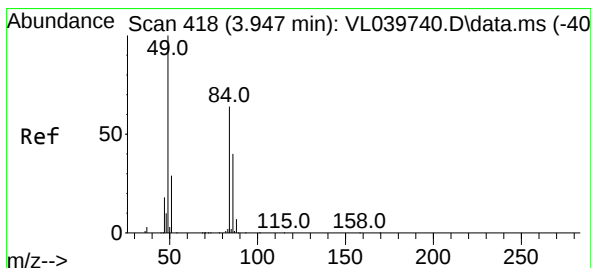
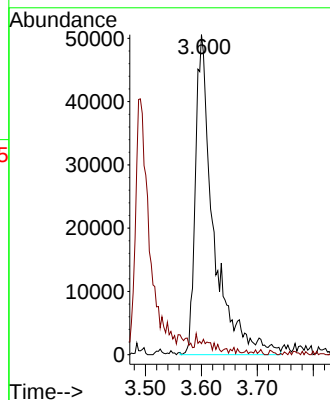
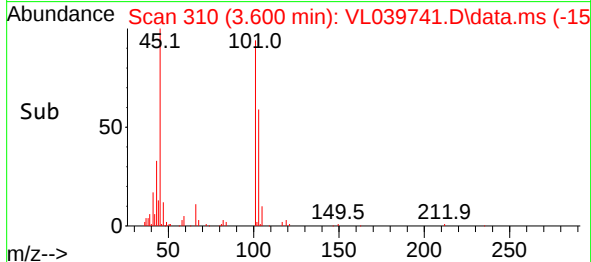
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



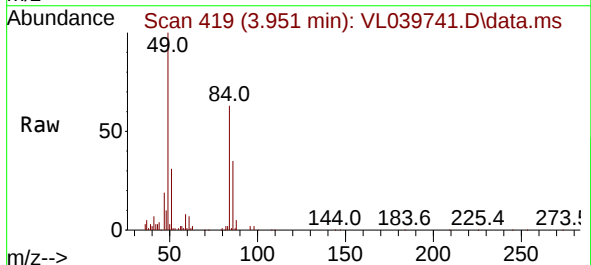
Tgt Ion: 45 Resp: 11360
Ion Ratio Lower Upper
45 100
58 5.4 3.3 4.9

Manual Integrations
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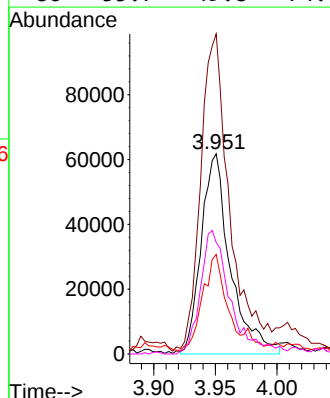
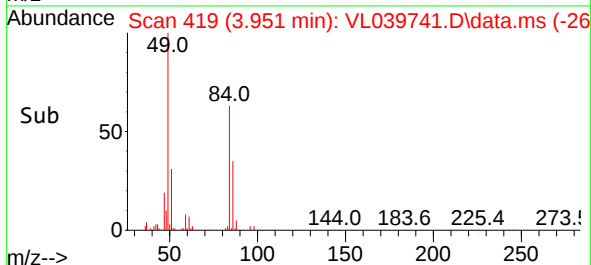
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

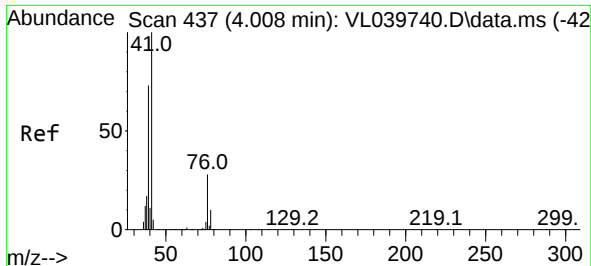


#20
Methylene Chloride
Concen: 1.838 ppbv m
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



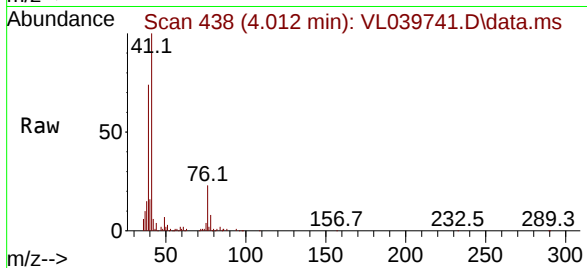
Tgt Ion: 84 Resp: 101445
Ion Ratio Lower Upper
84 100
49 159.8 124.2 186.4
51 49.7 36.6 54.8
86 55.7 49.8 74.8





#21
 Allyl Chloride
 Concen: 2.276 ppbv m
 RT: 4.012 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

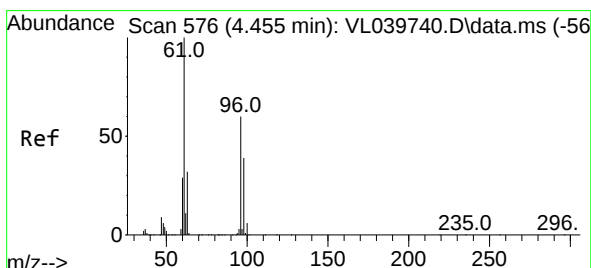
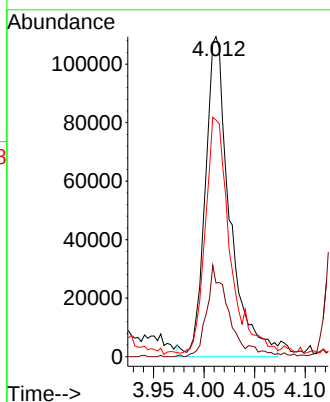
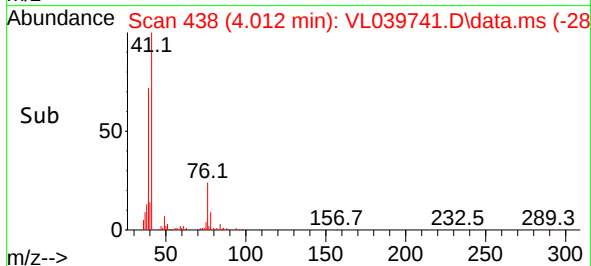
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



Tgt Ion: 41 Resp: 185032
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.5 35.3
 39 0.0 67.4 101.2

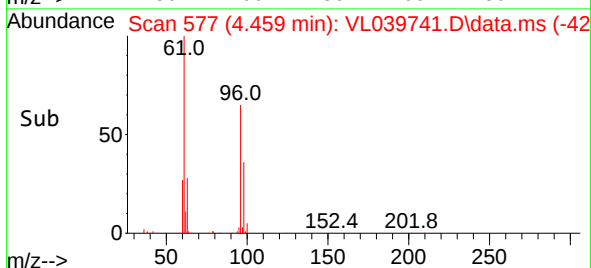
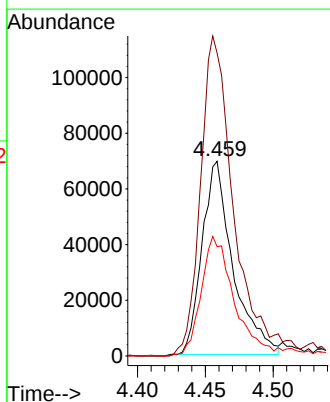
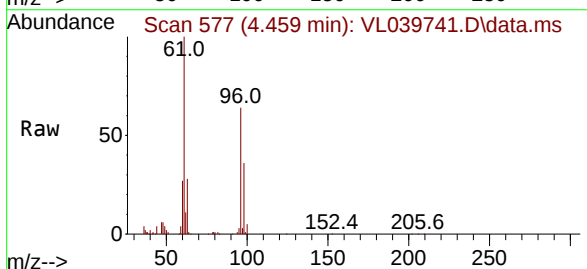
Manual Integrations
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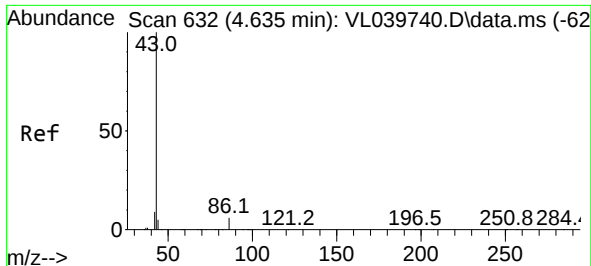
Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 2.185 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Tgt Ion: 96 Resp: 110635
 Ion Ratio Lower Upper
 96 100
 61 152.7 132.9 199.3
 98 55.5 51.6 77.4





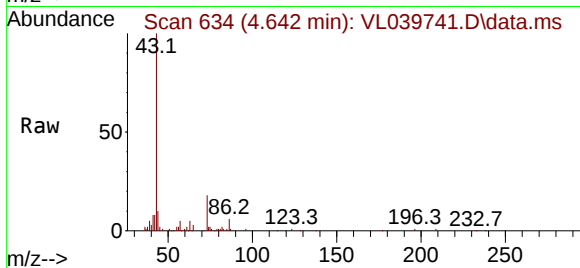
#23
 Vinyl Acetate
 Concen: 2.075 ppbv m
 RT: 4.642 min Scan# 613
 Delta R.T. 0.006 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



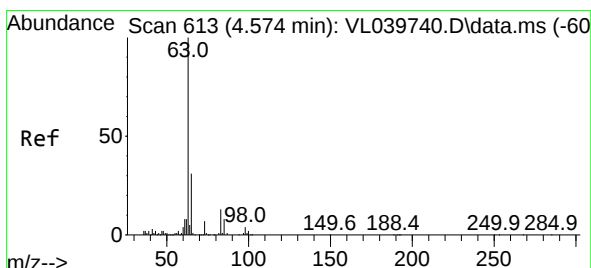
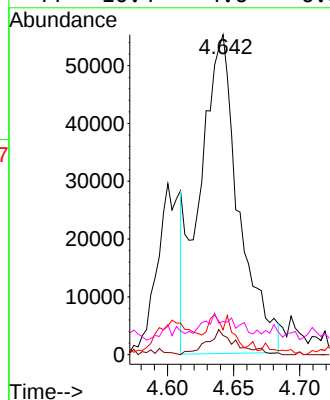
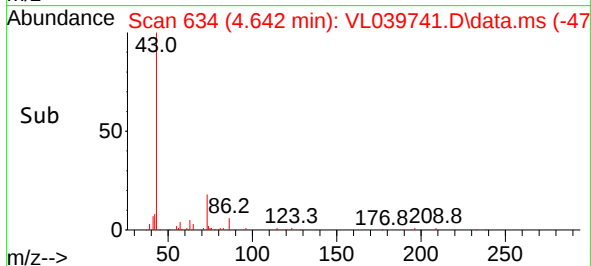
Tgt Ion: 43 Resp: 111989
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.3 6.5
 42 7.8 7.9 11.9
 44 10.4 4.6 6.8#

Manual Integrations

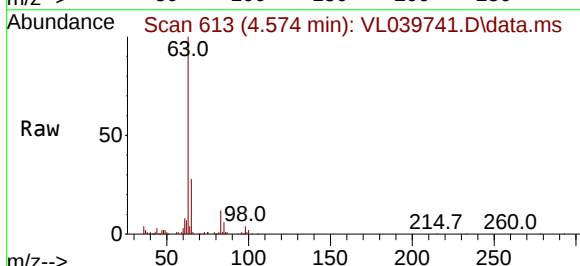
APPROVED

Reviewed By :Krupa Patel 10/24/2022

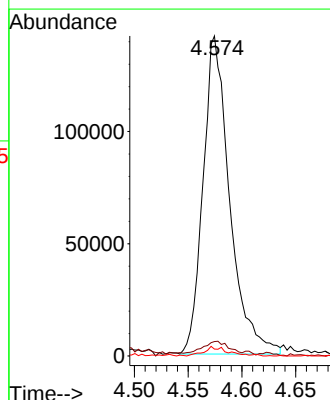
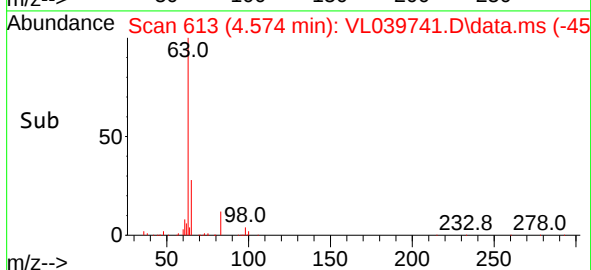
Supervised By :Mahesh Dadoda 10/24/2022

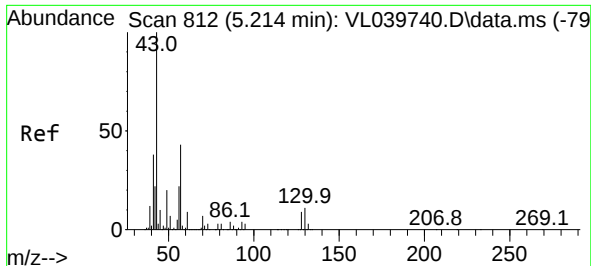


#24
 1,1-Dichloroethane
 Concen: 2.279 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44



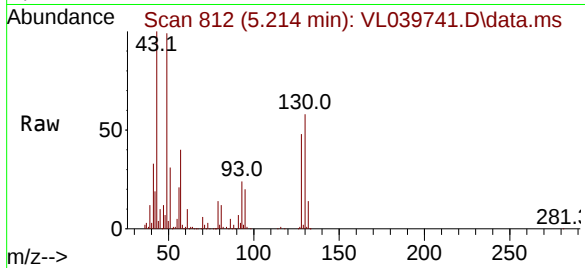
Tgt Ion: 63 Resp: 244869
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.5
 100 2.0 1.2 3.6





#25
Ethyl Acetate
Concen: 2.058 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

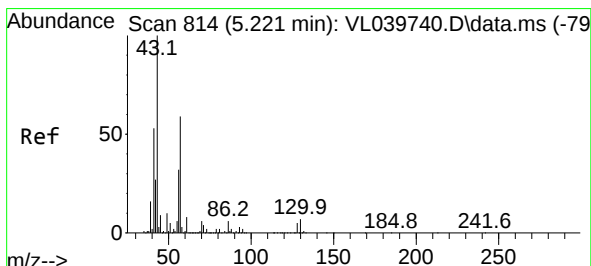
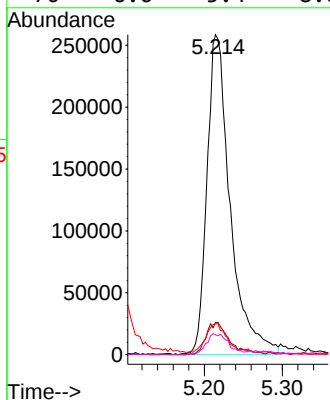
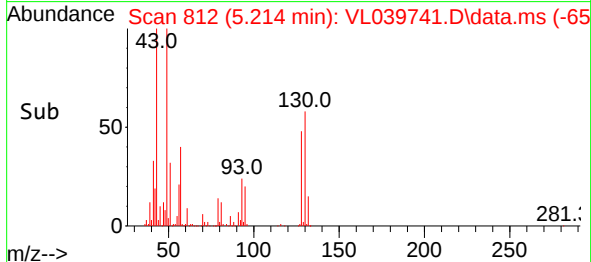
Instrument :
MSVOA_L
Client Sample Id :
VSTDIC002



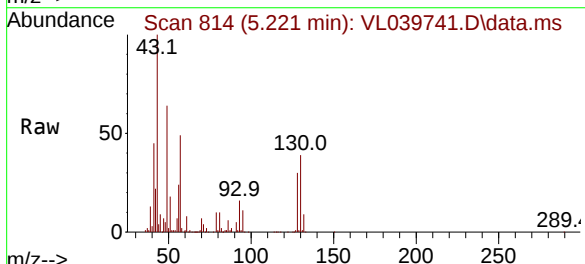
Tgt Ion: 43 Resp: 53577
Ion Ratio Lower Upper
43 100
45 10.6 8.1 12.1
61 10.6 7.5 11.3
70 6.6 5.4 8.0

Manual Integrations
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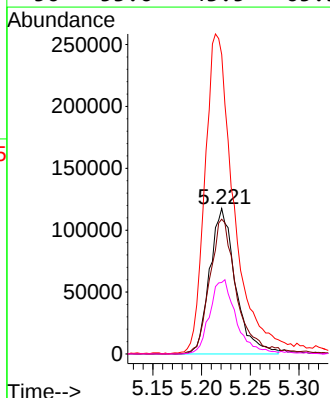
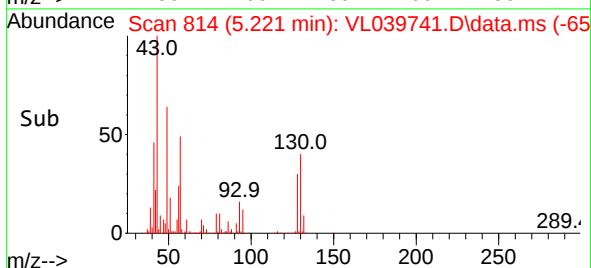
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

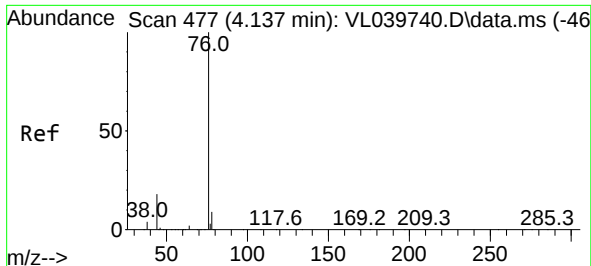


#26
Hexane
Concen: 1.954 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



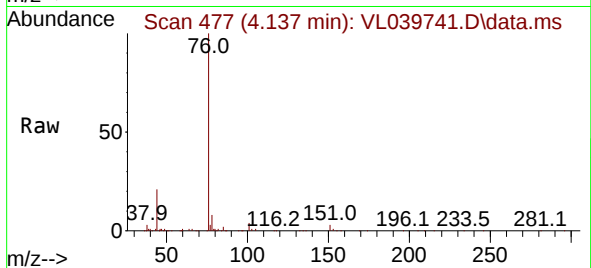
Tgt Ion: 57 Resp: 215789
Ion Ratio Lower Upper
57 100
41 99.1 76.8 115.2
43 254.3 201.0 301.4
56 53.6 43.5 65.3





#27
Carbon Disulfide
Concen: 2.182 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

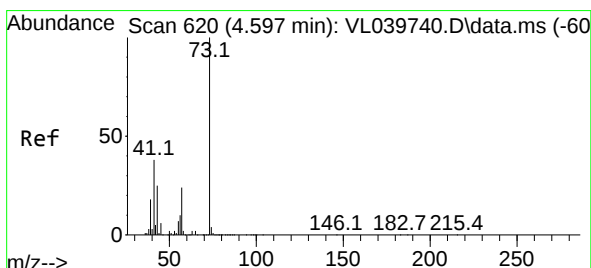
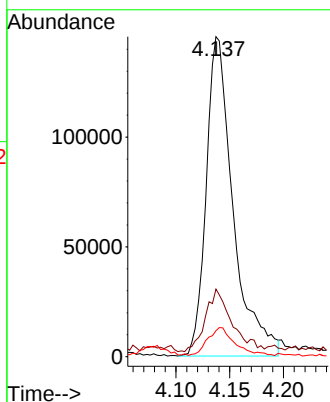
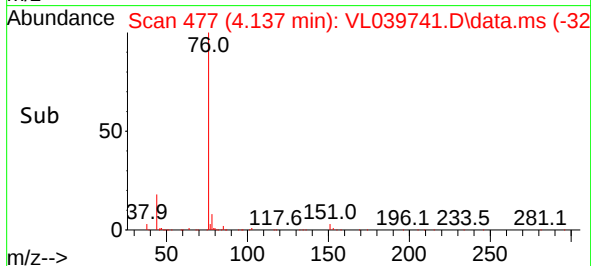
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



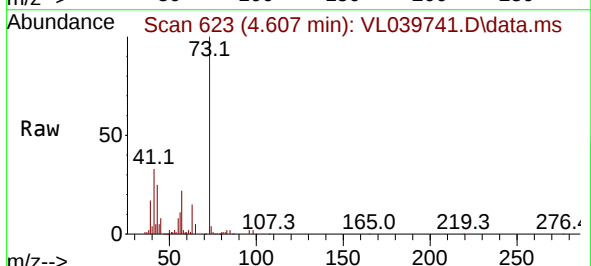
Tgt Ion: 76 Resp: 253270
Ion Ratio Lower Upper
76 100
44 20.7 14.5 21.7
78 10.3 8.1 12.1

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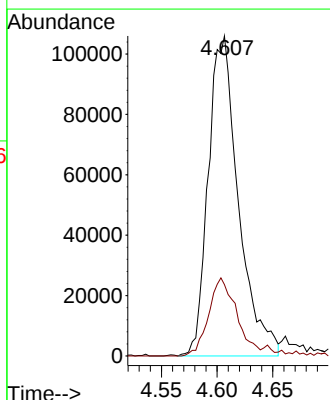
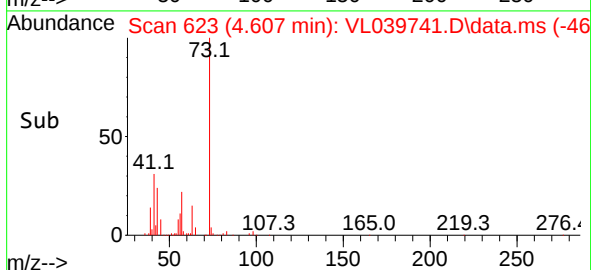
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

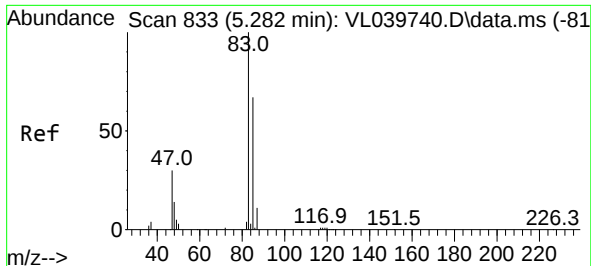


#28
Methyl tert-Butyl Ether
Concen: 2.152 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



Tgt Ion: 73 Resp: 199742
Ion Ratio Lower Upper
73 100
57 25.0 19.4 29.2





#29

Chloroform

Concen: 2.076 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 33103

Ion Ratio Lower Upper

83 100

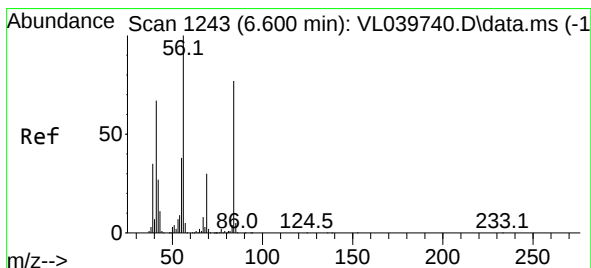
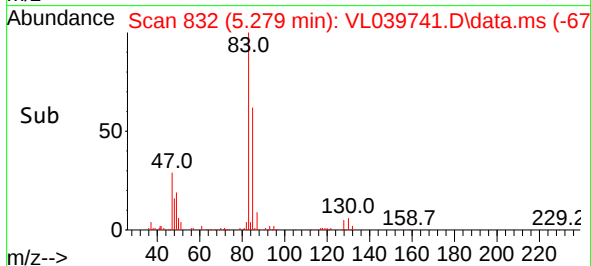
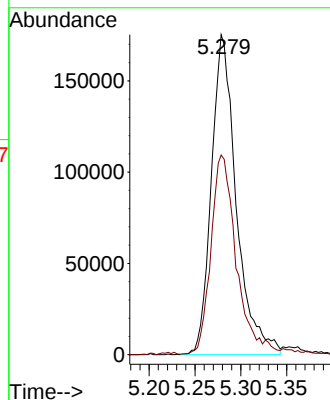
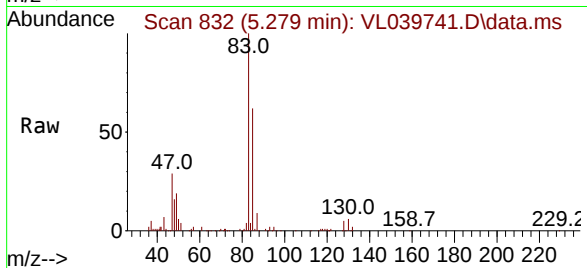
85 62.2 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Cyclohexane

Concen: 1.972 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

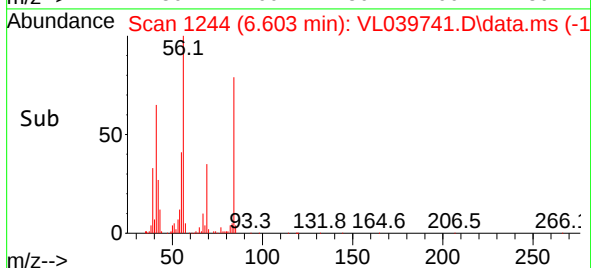
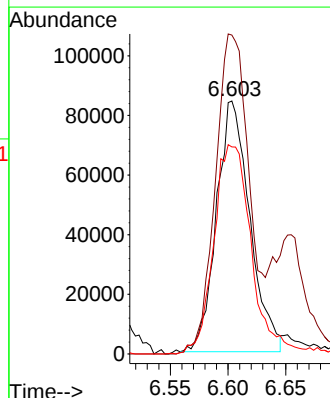
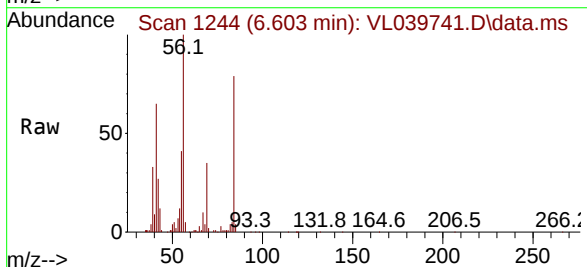
Tgt Ion: 84 Resp: 168721

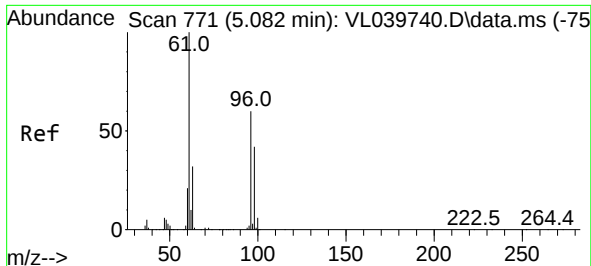
Ion Ratio Lower Upper

84 100

56 133.4 114.2 171.4

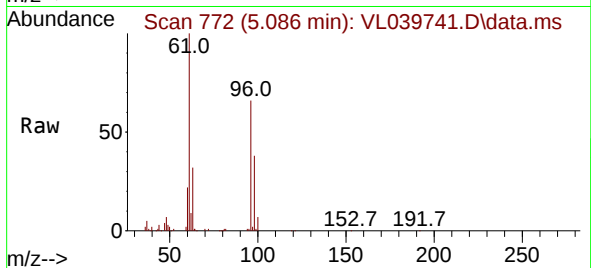
41 95.3 74.2 111.2





#31
cis-1,2-Dichloroethene
Concen: 1.810 ppbv m
RT: 5.086 min Scan# 771
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

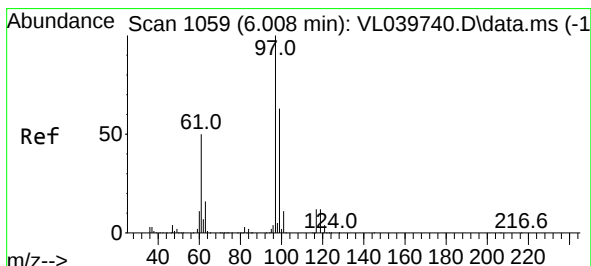
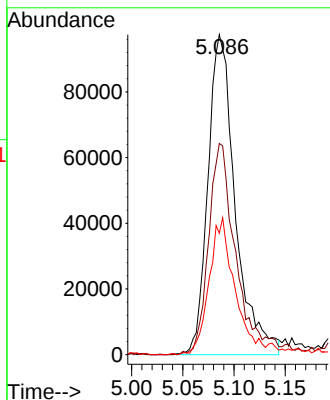
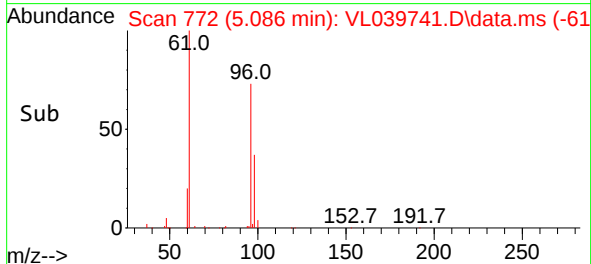
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 61 Resp: 180804
Ion Ratio Lower Upper
61 100
96 66.0 48.3 72.5
98 37.9 33.2 49.8

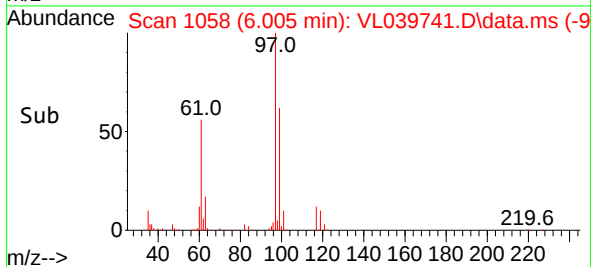
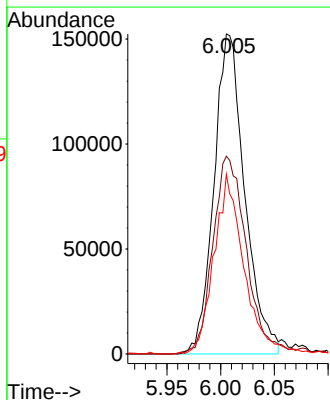
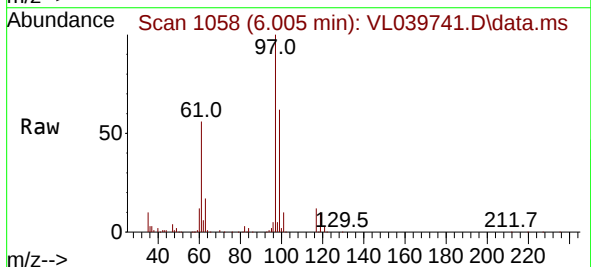
Manual Integrations
APPROVED

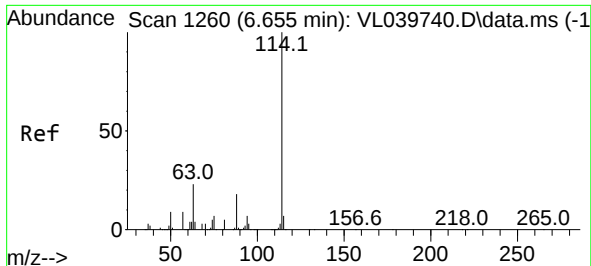
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#32
1,1,1-Trichloroethane
Concen: 2.102 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 97 Resp: 303438
Ion Ratio Lower Upper
97 100
99 68.0 53.0 79.4
61 55.3 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:114 Resp: 2939328

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

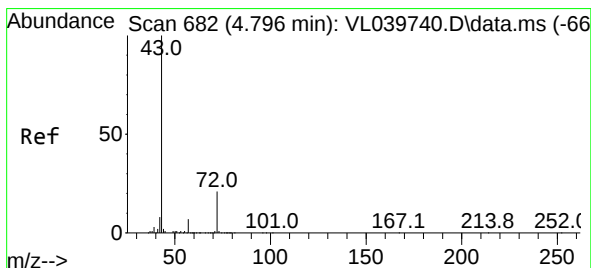
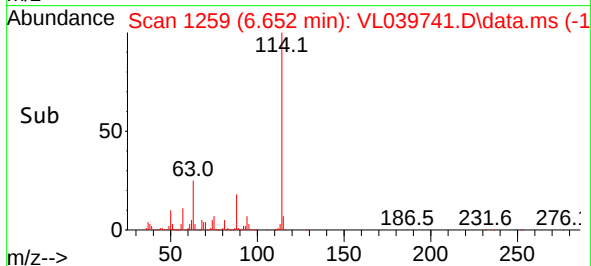
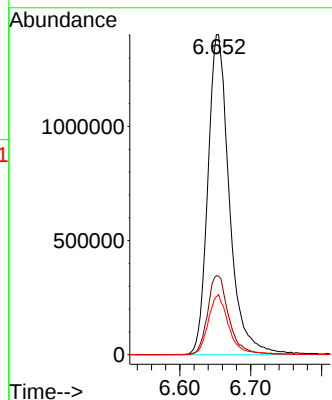
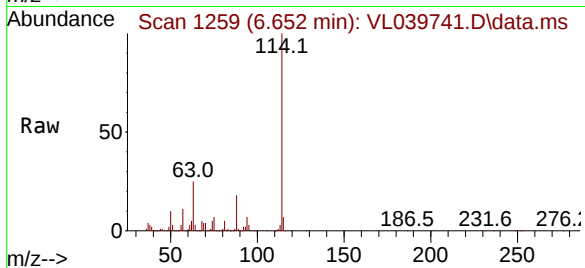
88 18.1 14.2 21.4

Manual Integrations

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Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

2-Butanone

Concen: 1.879 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL039741.D

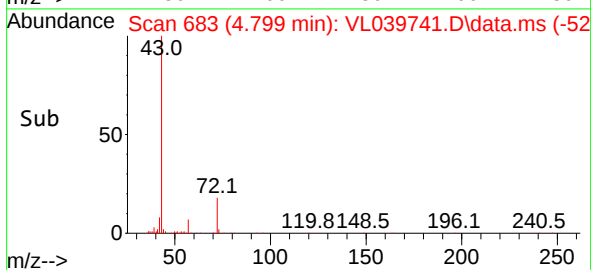
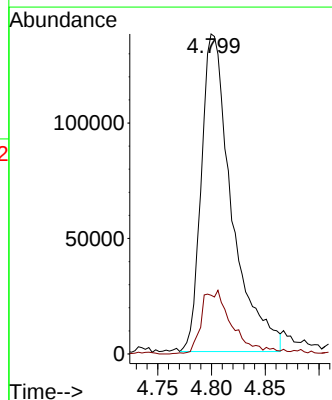
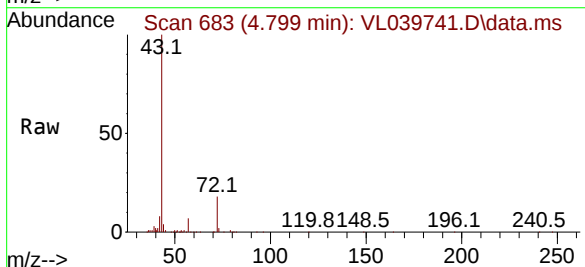
Acq: 21 Oct 2022 10:44

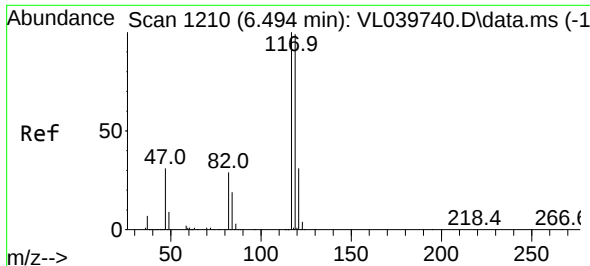
Tgt Ion: 43 Resp: 271324

Ion Ratio Lower Upper

43 100

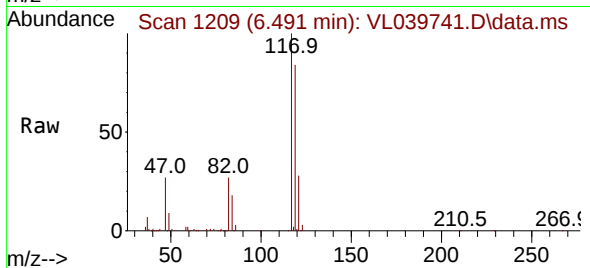
72 20.5 17.1 25.7





#35
Carbon Tetrachloride
Concen: 2.066 ppbv
RT: 6.491 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

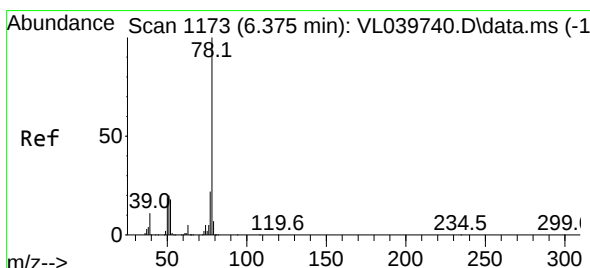
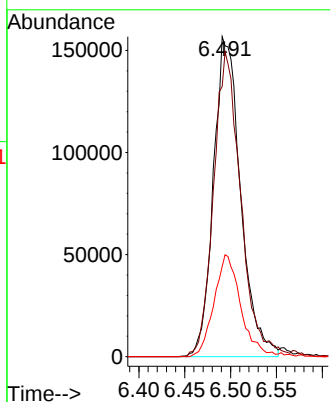
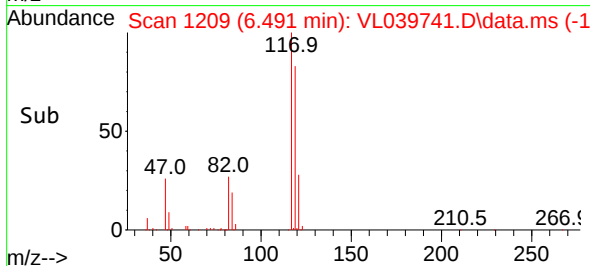
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 117 Resp: 322349
Ion Ratio Lower Upper
117 100
119 84.4 79.2 118.8
121 28.2 25.0 37.6

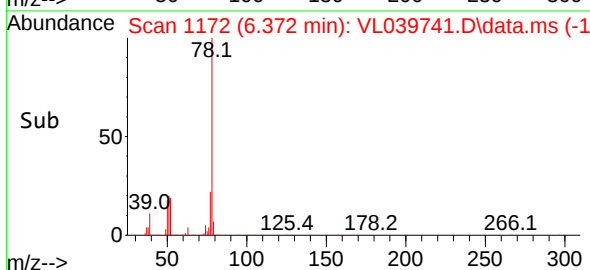
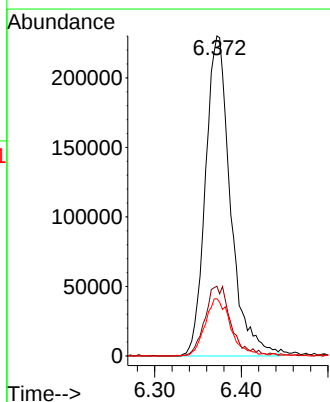
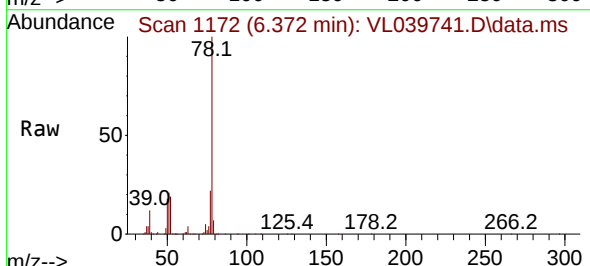
Manual Integrations
APPROVED

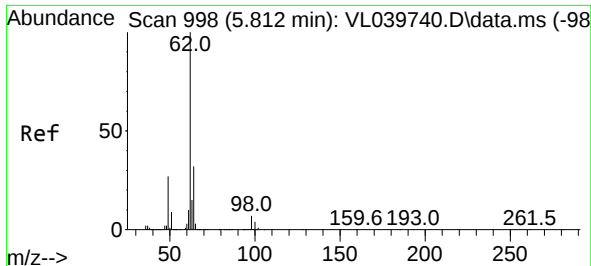
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#36
Benzene
Concen: 2.055 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 78 Resp: 461849
Ion Ratio Lower Upper
78 100
77 21.8 17.3 25.9
50 17.7 14.9 22.3





#37

1,2-Dichloroethane

Concen: 2.027 ppbv m

RT: 5.806 min Scan# 998

Delta R.T. -0.006 min

Lab File: VL039741.D

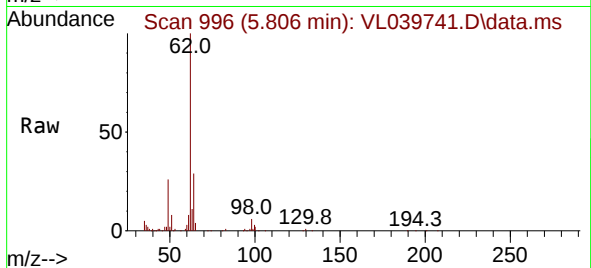
Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion: 62 Resp: 247974

Ion Ratio Lower Upper

62 100

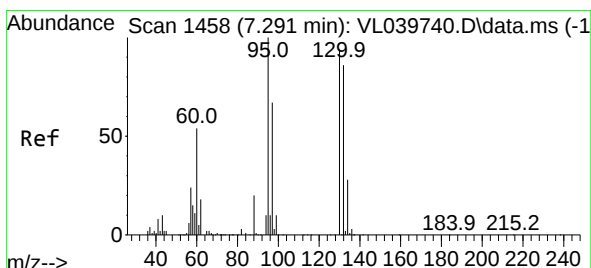
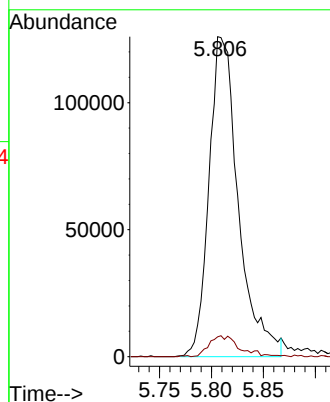
98 7.0 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Trichloroethene

Concen: 2.065 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion:130 Resp: 250830

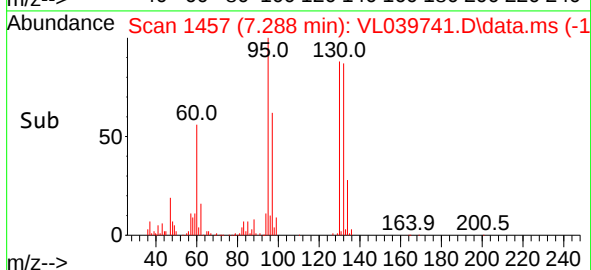
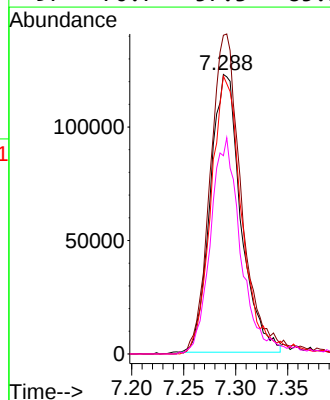
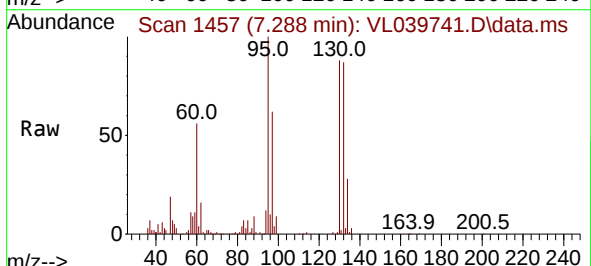
Ion Ratio Lower Upper

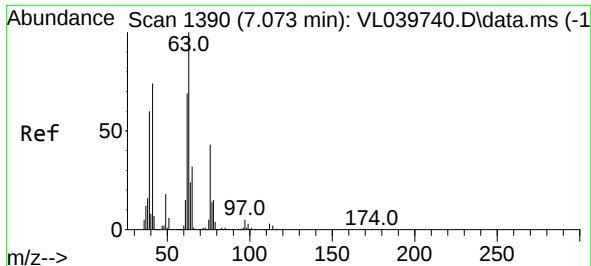
130 100

95 114.0 85.4 128.2

132 100.1 73.0 109.6

97 70.7 57.3 85.9





#39

1,2-Dichloropropane

Concen: 1.924 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 63 Resp: 166914

Ion Ratio Lower Upper

63 100

41 82.6 59.5 89.3

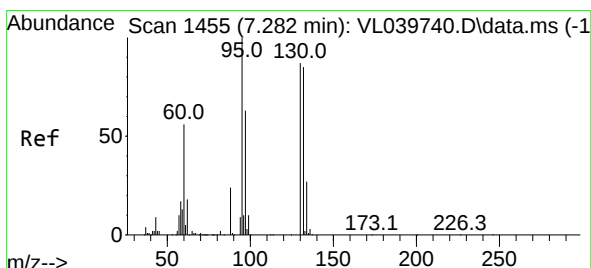
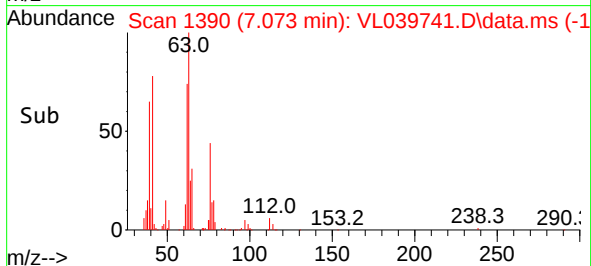
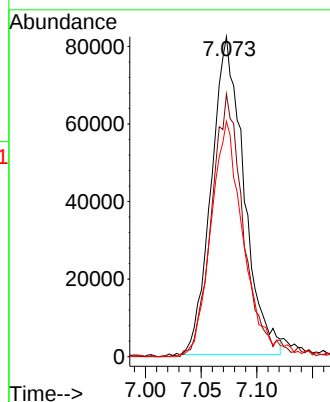
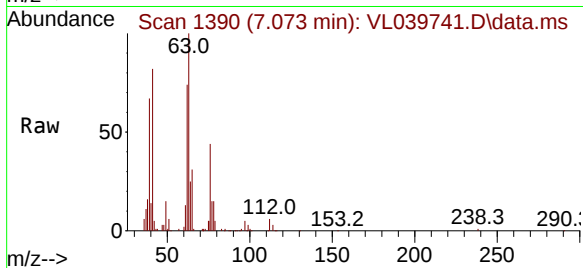
62 73.4 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

1,4-Dioxane

Concen: 1.737 ppbv m

RT: 7.304 min Scan# 1462

Delta R.T. 0.023 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion: 88 Resp: 61544

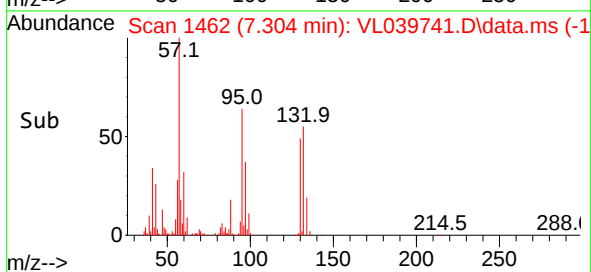
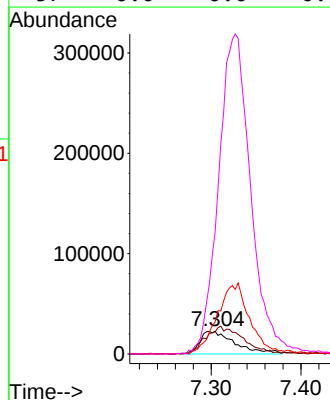
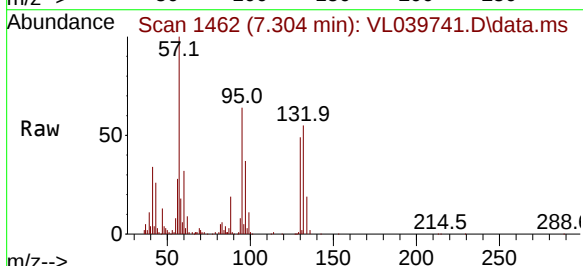
Ion Ratio Lower Upper

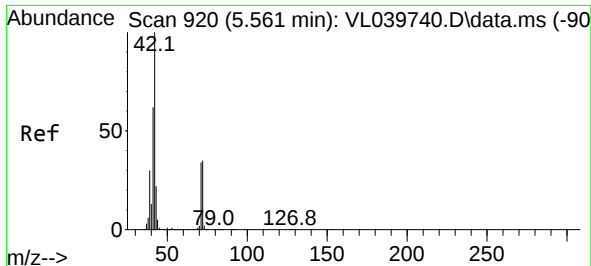
88 100

58 0.0 101.6 152.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 1.929 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 42 Resp: 17084

Ion Ratio Lower Upper

42 100

72 39.1 30.0 45.0

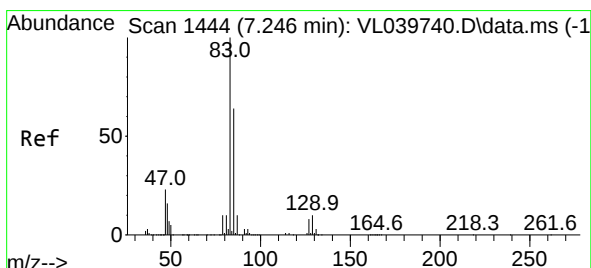
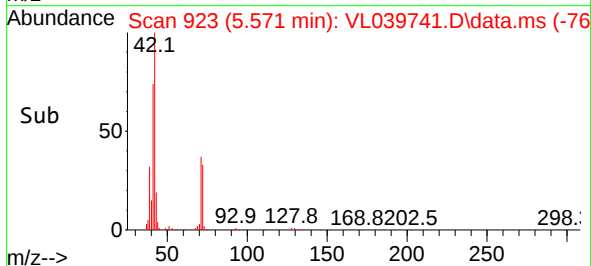
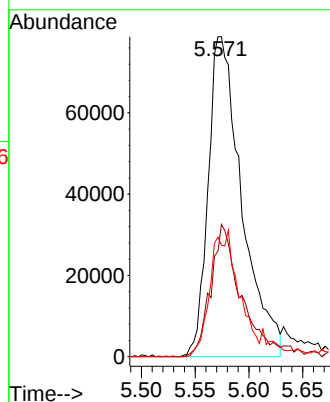
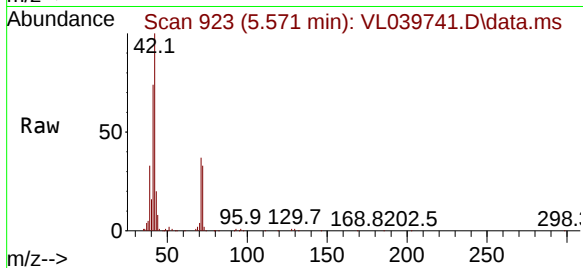
71 38.6 29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#42

Bromodichloromethane

Concen: 1.947 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

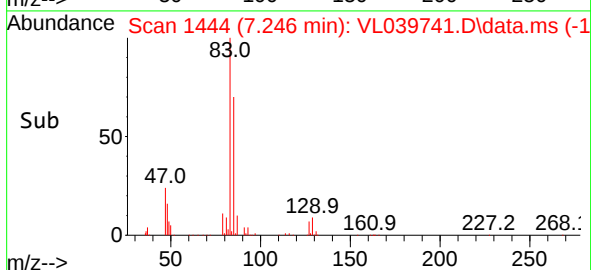
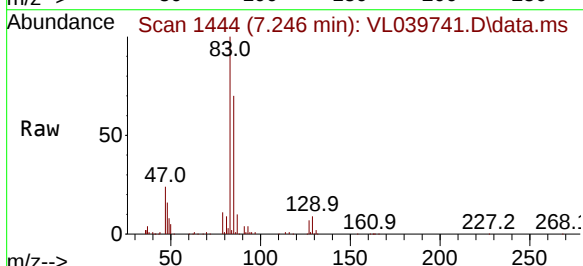
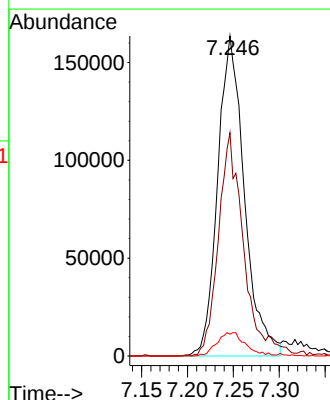
Tgt Ion: 83 Resp: 331259

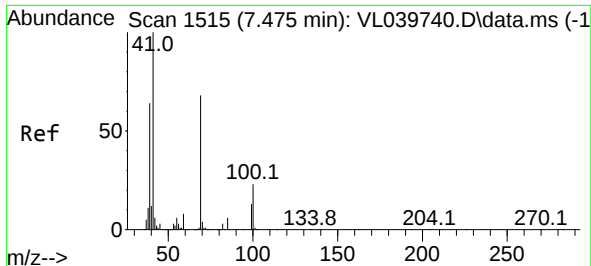
Ion Ratio Lower Upper

83 100

85 69.8 51.0 76.6

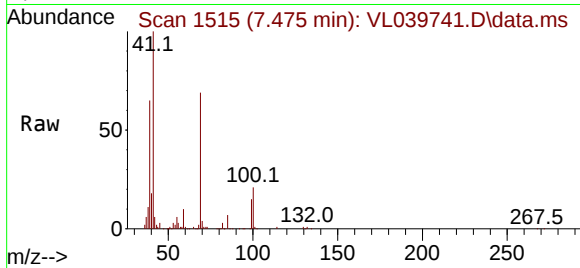
127 6.8 6.5 9.7





#43
Methyl Methacrylate
Concen: 1.943 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

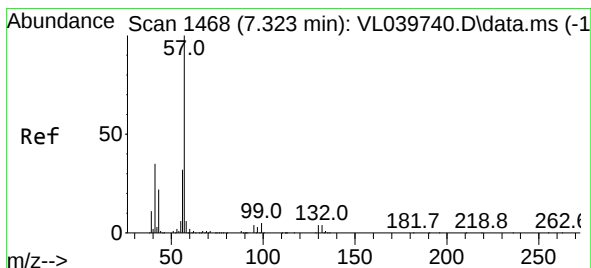
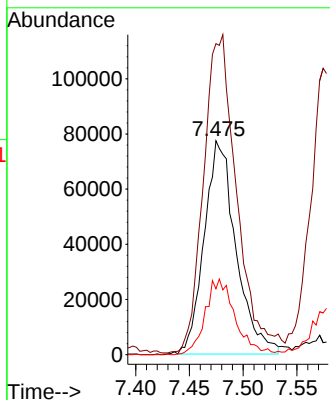
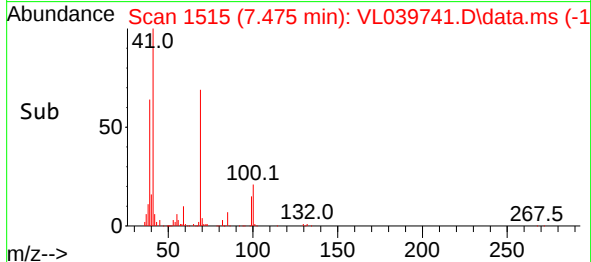
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



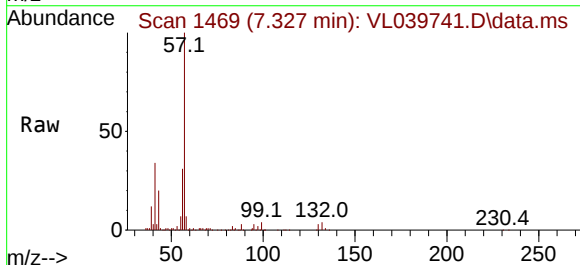
Tgt Ion: 69 Resp: 159198
Ion Ratio Lower Upper
69 100
41 156.0 124.6 186.8
100 33.3 27.5 41.3

Manual Integrations
APPROVED

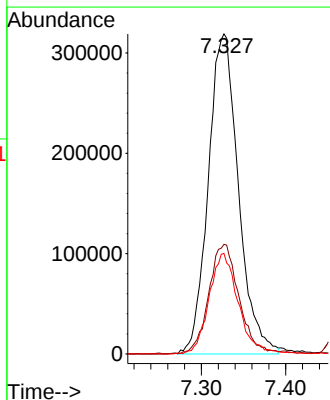
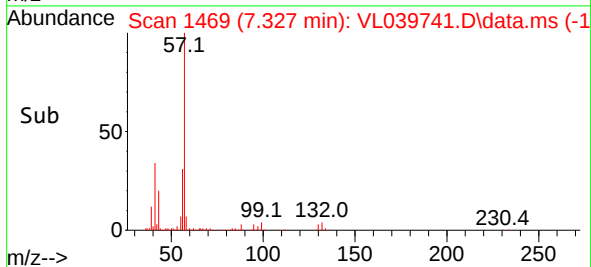
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

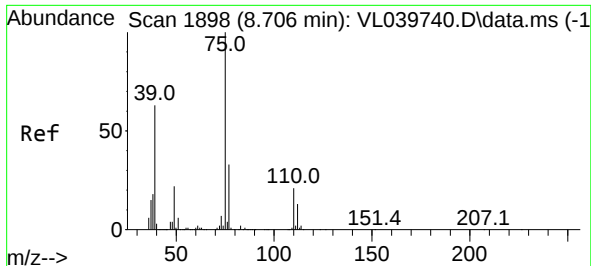


#44
2,2,4-Trimethylpentane
Concen: 2.046 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



Tgt Ion: 57 Resp: 792554
Ion Ratio Lower Upper
57 100
41 34.3 27.1 40.7
56 30.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 1.782 ppbv m

RT: 8.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 12334

Ion Ratio Lower Upper

75 100

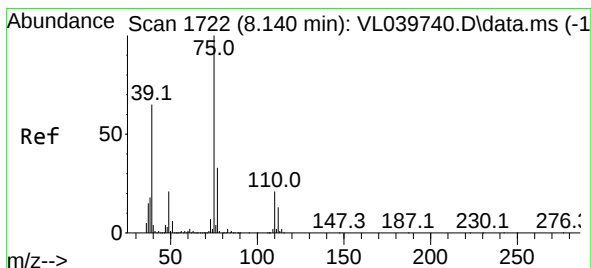
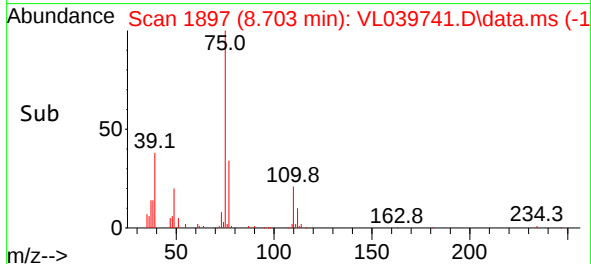
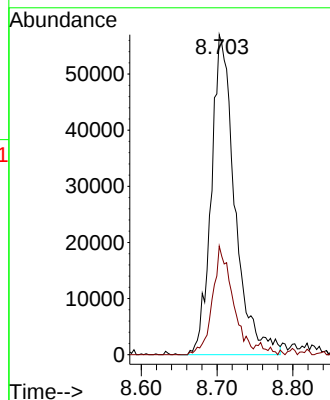
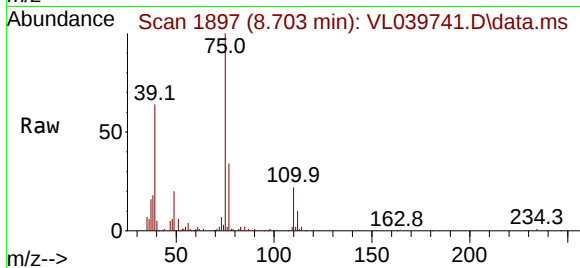
77 34.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#46

cis-1,3-Dichloropropene

Concen: 1.764 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.003 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

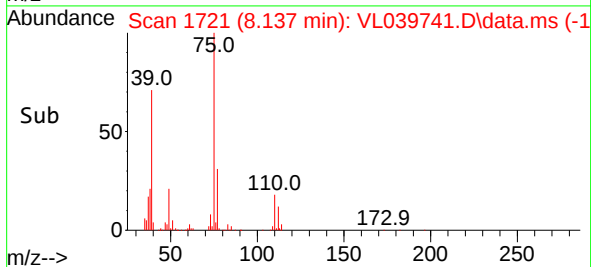
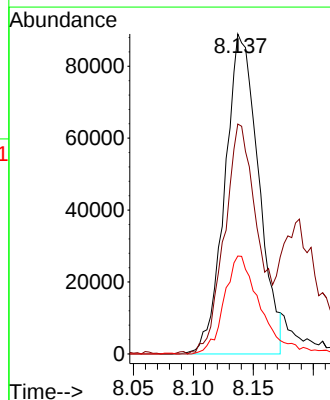
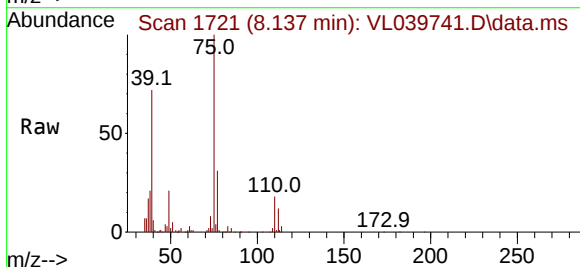
Tgt Ion: 75 Resp: 173830

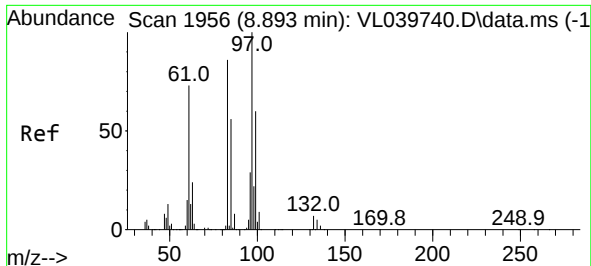
Ion Ratio Lower Upper

75 100

39 71.2 52.2 78.4

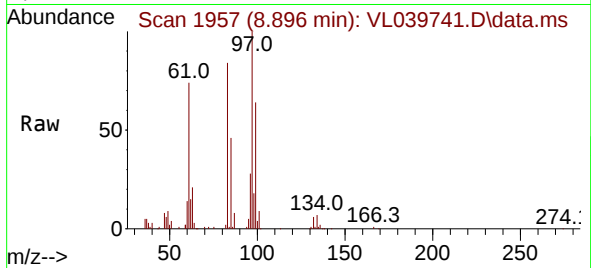
77 30.6 26.6 40.0





#47
1,1,2-Trichloroethane
Concen: 1.965 ppbv
RT: 8.896 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

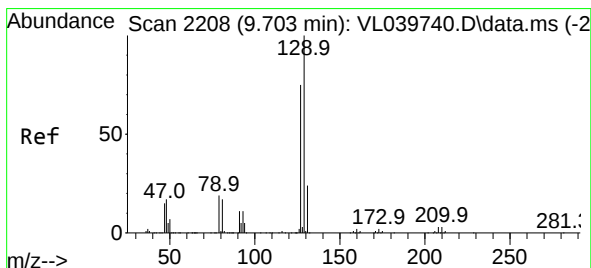
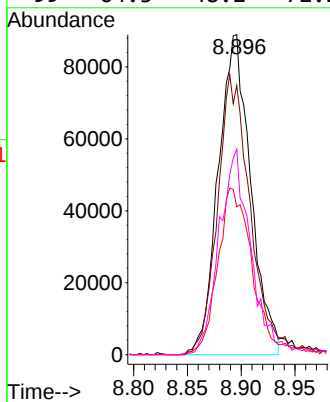
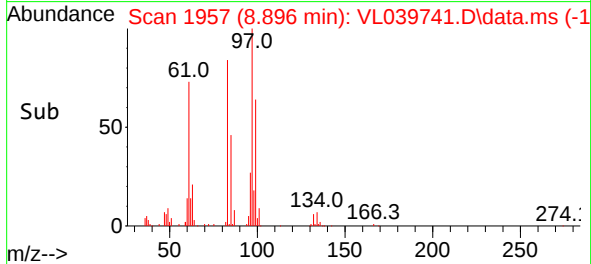
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



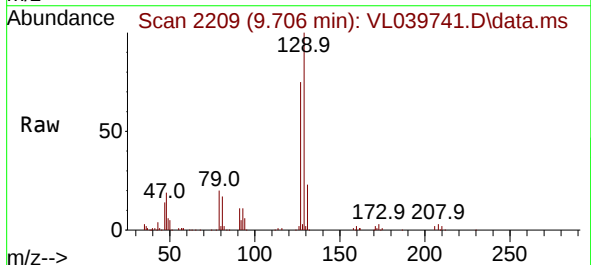
Tgt Ion: 97 Resp: 186390
Ion Ratio Lower Upper
97 100
83 84.1 68.8 103.2
85 46.2 44.8 67.2
99 64.3 48.2 72.2

Manual Integrations
APPROVED

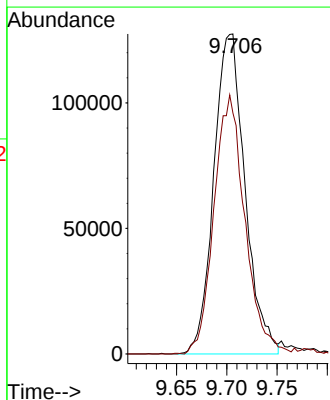
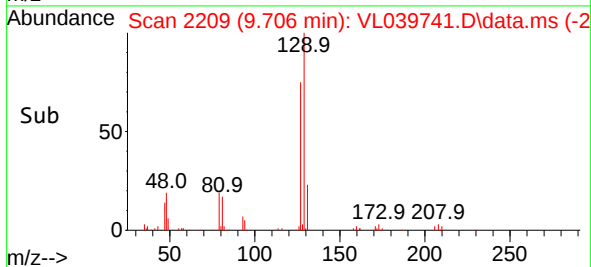
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

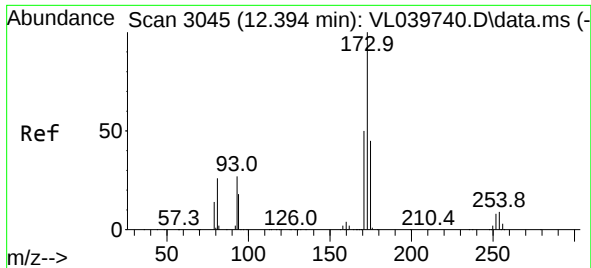


#48
Dibromochloromethane
Concen: 1.926 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



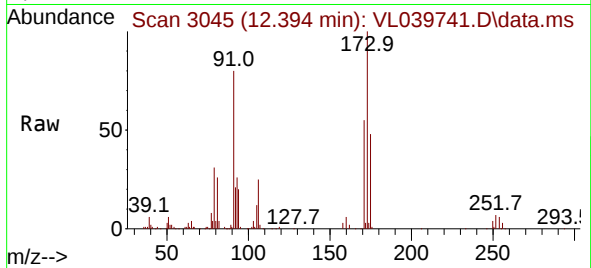
Tgt Ion:129 Resp: 275036
Ion Ratio Lower Upper
129 100
127 81.2 38.9 116.6





#49
Bromoform
Concen: 1.915 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

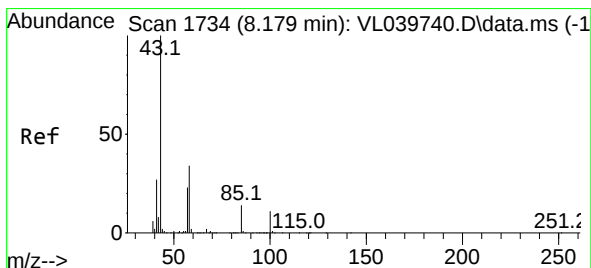
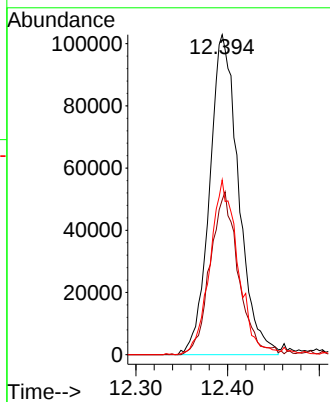
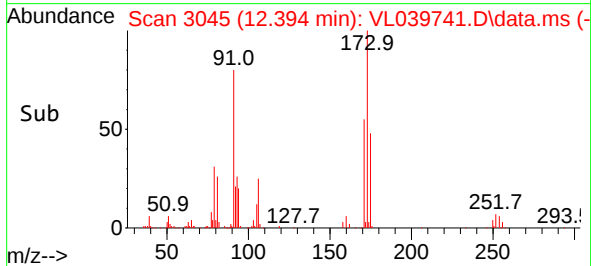
Instrument : MSVOA_L
Client Sample Id : VSTDIC002



Tgt Ion: 173 Resp: 226210
Ion Ratio Lower Upper
173 100
175 50.8 39.4 59.0
171 53.8 41.6 62.4

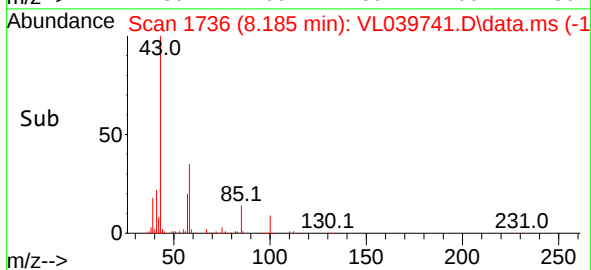
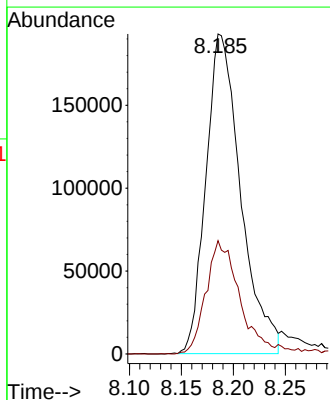
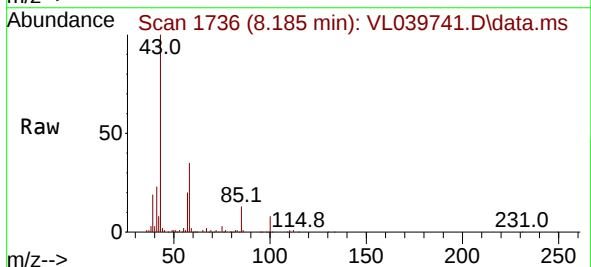
Manual Integrations
APPROVED

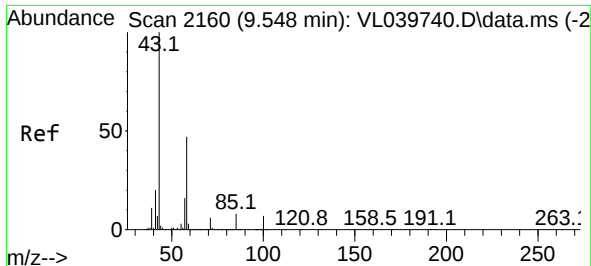
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
4-Methyl-2-Pentanone
Concen: 1.978 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

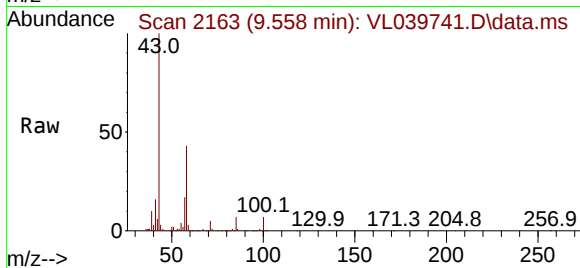
Tgt Ion: 43 Resp: 448797
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0





#51
2-Hexanone
Concen: 1.899 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

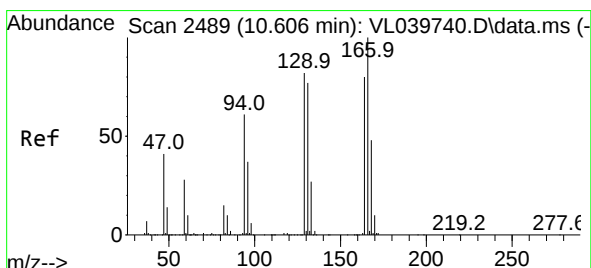
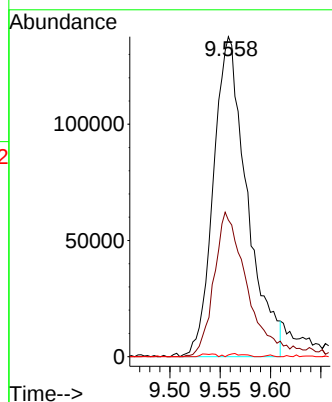
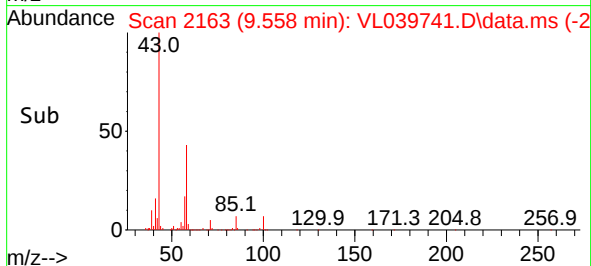
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 318900
Ion Ratio Lower Upper
43 100
58 46.8 37.6 56.4
98 0.4 0.6 0.8

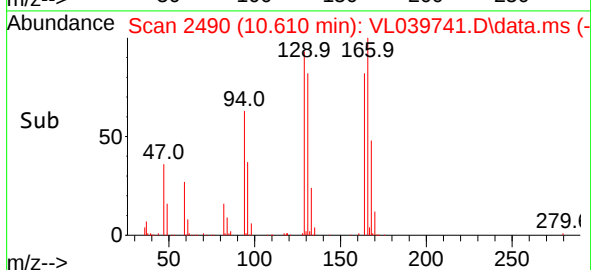
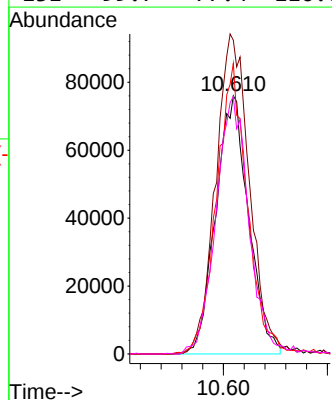
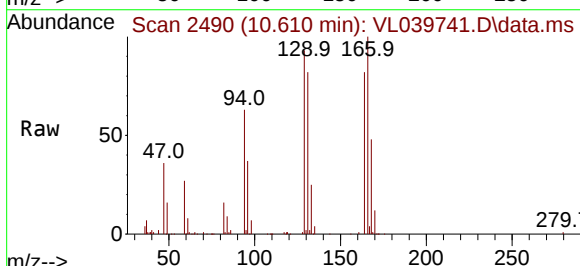
Manual Integrations
APPROVED

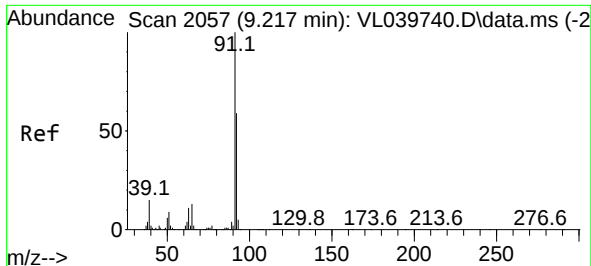
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#52
Tetrachloroethene
Concen: 1.950 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

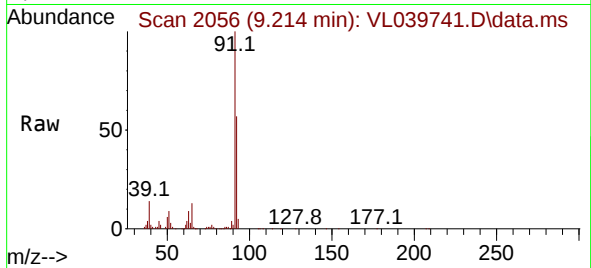
Tgt Ion:164 Resp: 167153
Ion Ratio Lower Upper
164 100
166 121.2 100.0 150.0
129 111.9 82.1 123.1
131 99.7 77.4 116.0





#53
Toluene
Concen: 1.987 ppbv
RT: 9.214 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

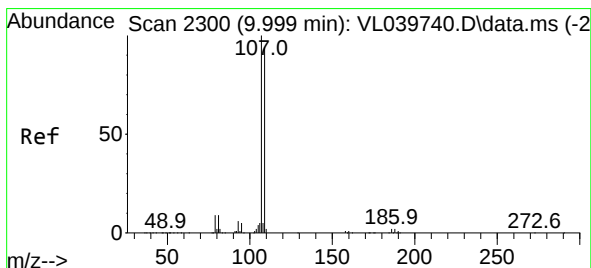
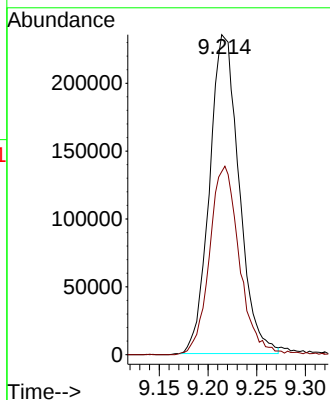
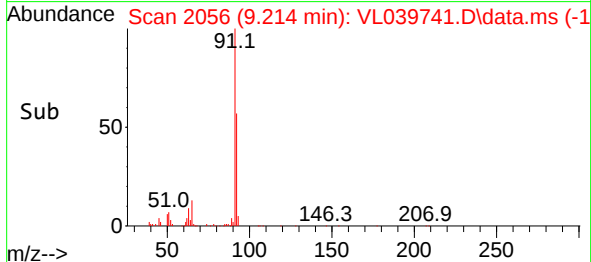
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



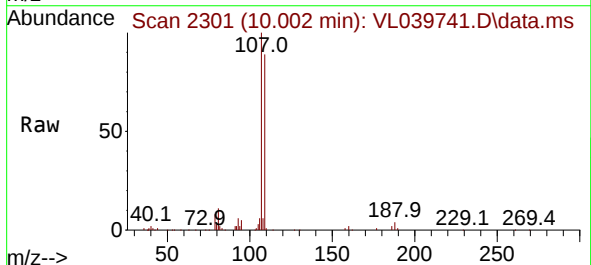
Tgt Ion: 91 Resp: 496598
Ion Ratio Lower Upper
91 100
92 60.1 47.7 71.5

Manual Integrations
APPROVED

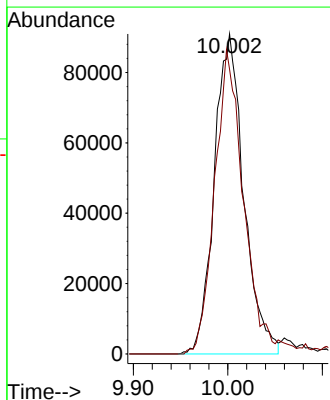
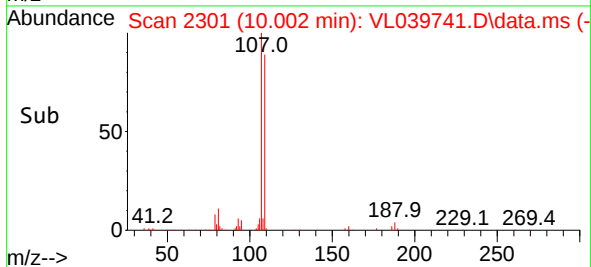
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

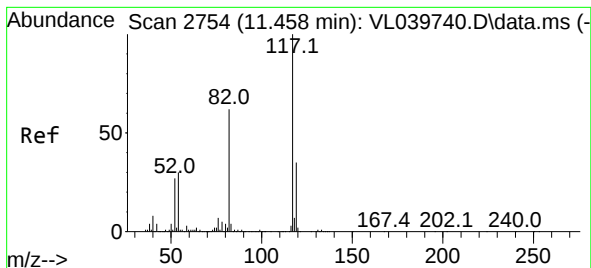


#54
1,2-Dibromoethane
Concen: 1.938 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



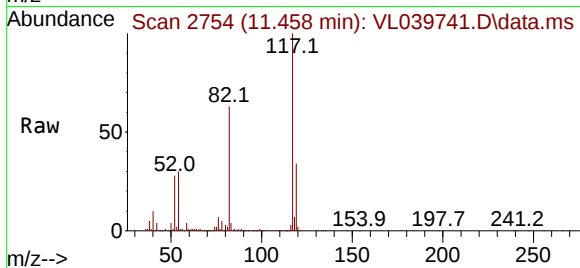
Tgt Ion:107 Resp: 196635
Ion Ratio Lower Upper
107 100
109 89.0 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

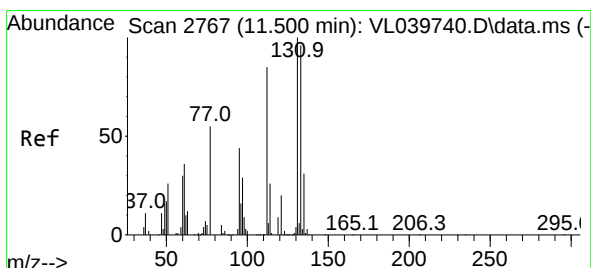
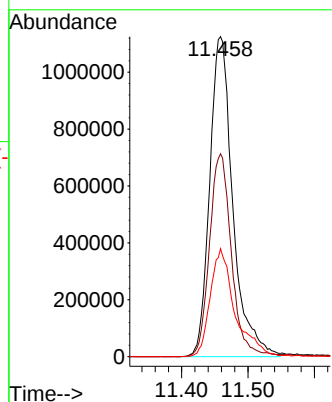
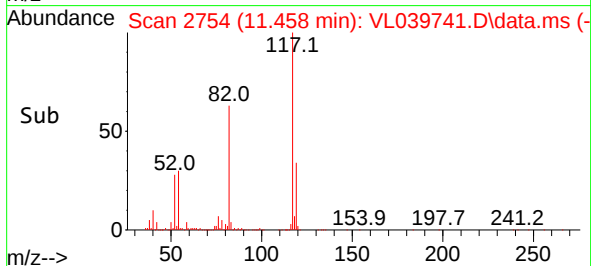
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



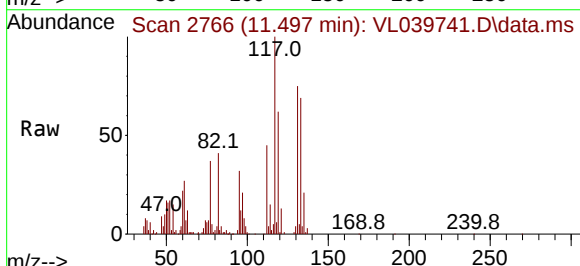
Tgt Ion:117 Resp: 272654
Ion Ratio Lower Upper
117 100
82 60.8 51.4 77.0
119 36.3 24.6 36.8

Manual Integrations
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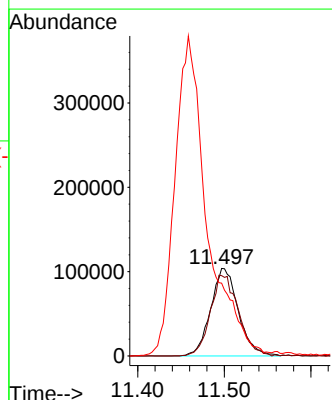
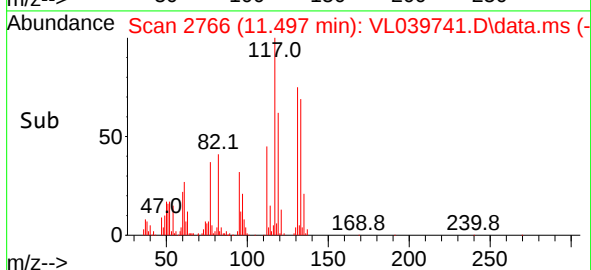
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

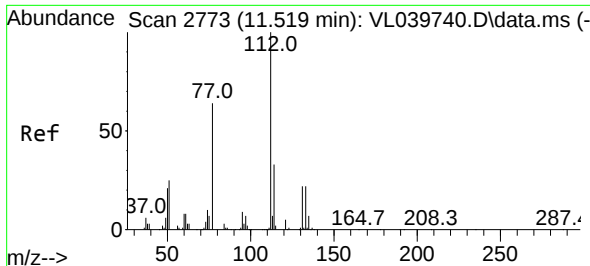


#56
1,1,1,2-Tetrachloroethane
Concen: 2.086 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



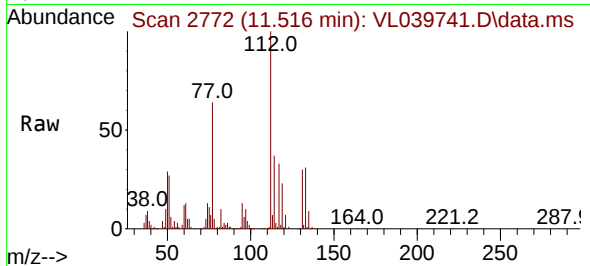
Tgt Ion:131 Resp: 229829
Ion Ratio Lower Upper
131 100
133 94.6 77.2 115.8
119 430.0 55.5 83.3#





#57
Chlorobenzene
Concen: 2.024 ppbv
RT: 11.516 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

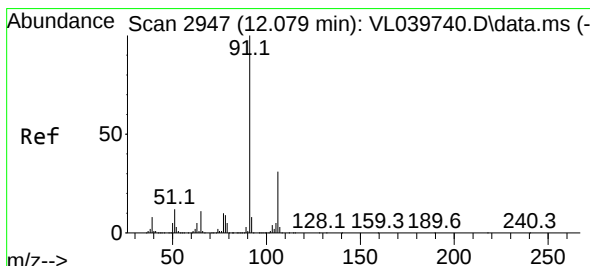
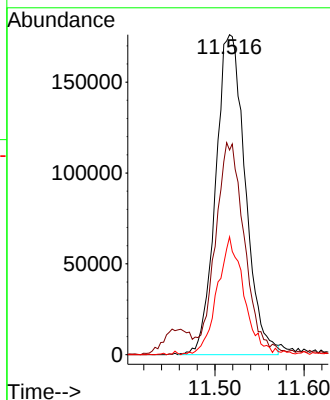
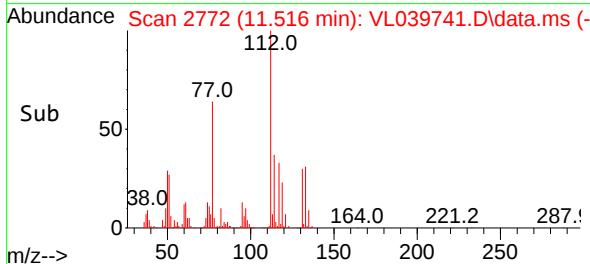
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:112 Resp: 40584
Ion Ratio Lower Upper
112 100
77 62.0 51.4 77.2
114 36.4 30.0 36.6

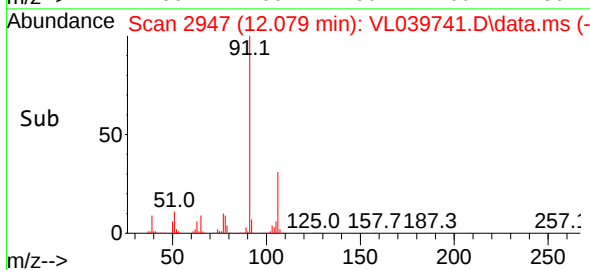
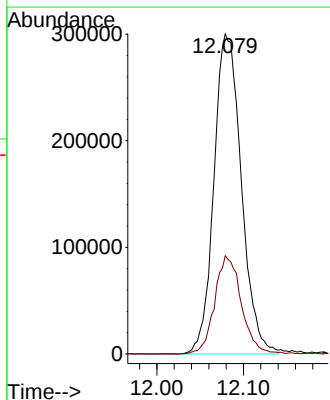
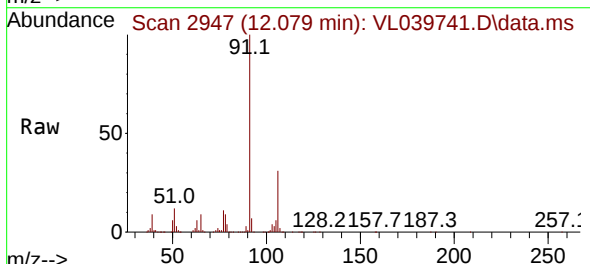
Manual Integrations
APPROVED

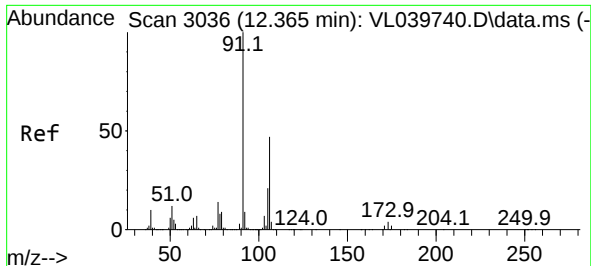
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#58
Ethyl Benzene
Concen: 2.098 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 91 Resp: 659479
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8





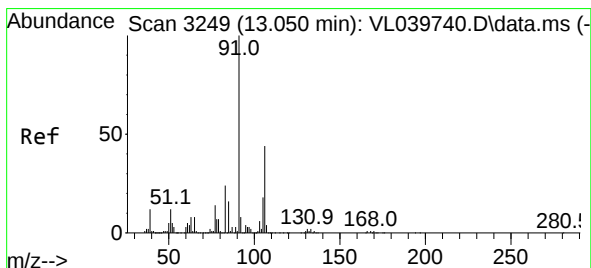
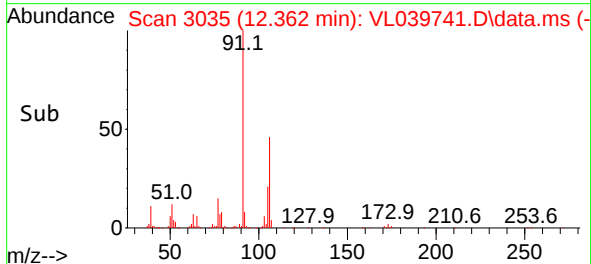
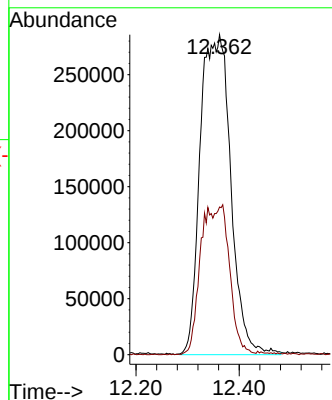
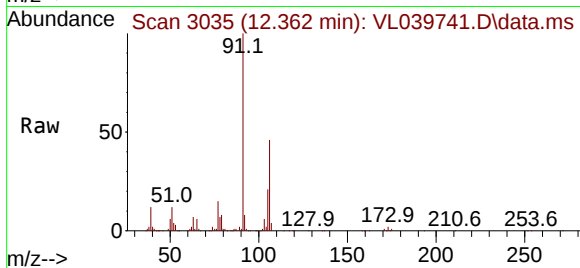
#59
m/p-Xylene
Concen: 4.188 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 1171718
Ion Ratio Lower Upper
91 100
106 44.1 36.2 54.4

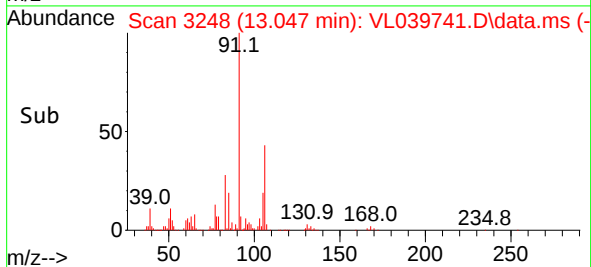
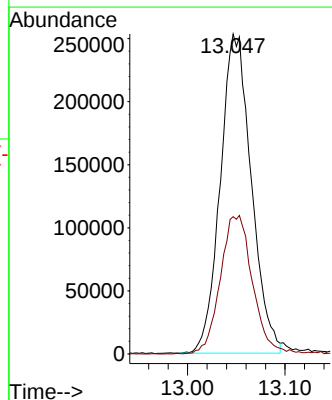
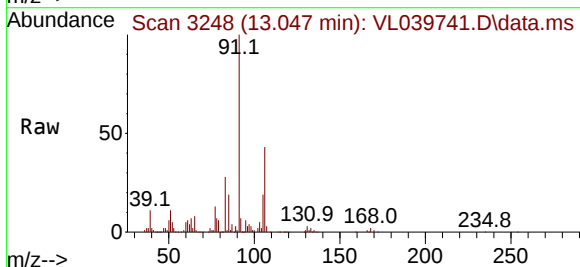
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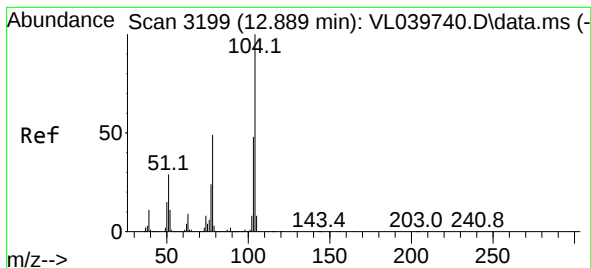
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
o-Xylene
Concen: 2.094 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Tgt Ion: 91 Resp: 559338
Ion Ratio Lower Upper
91 100
106 45.3 22.4 67.0





#61

Styrene

Concen: 1.922 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

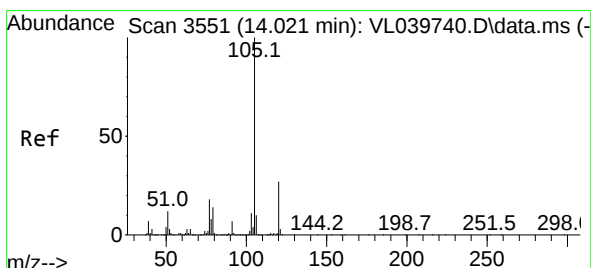
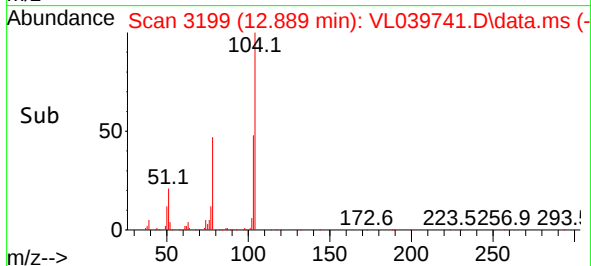
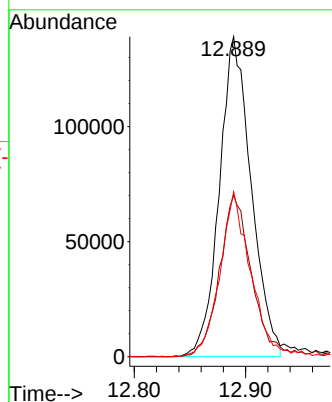
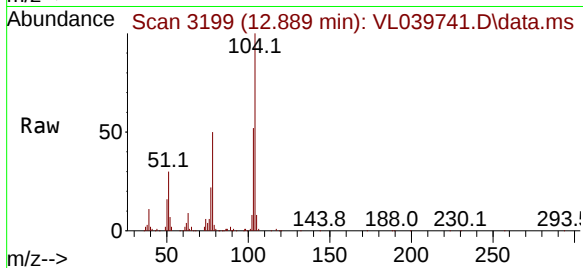
Tgt Ion:104 Resp: 276529
 Ion Ratio Lower Upper
 104 100
 78 52.2 39.6 59.4
 103 50.6 38.1 57.1

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Reviewed By :Krupa Patel 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#62

Isopropylbenzene

Concen: 2.063 ppbv

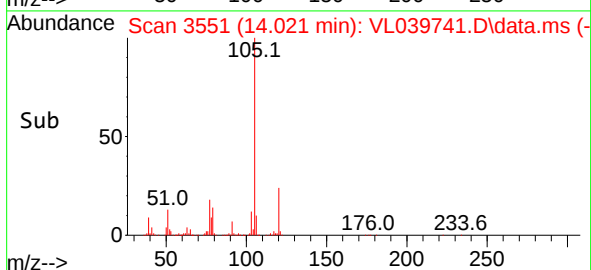
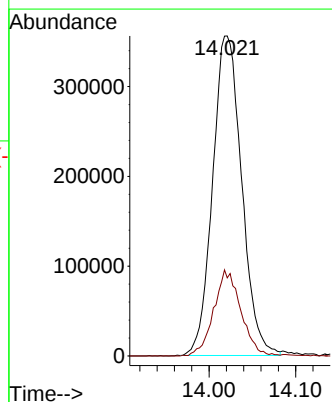
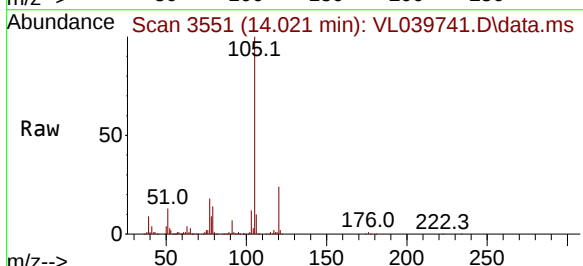
RT: 14.021 min Scan# 3551

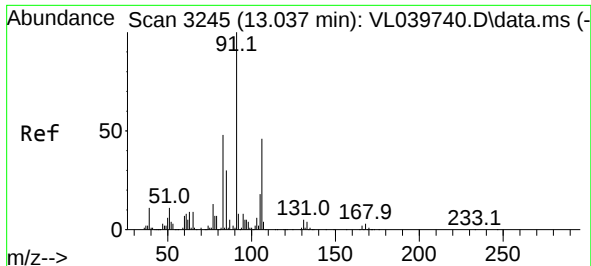
Delta R.T. 0.000 min

Lab File: VL039741.D

Acq: 21 Oct 2022 10:44

Tgt Ion:105 Resp: 829207
 Ion Ratio Lower Upper
 105 100
 120 25.3 20.2 30.4





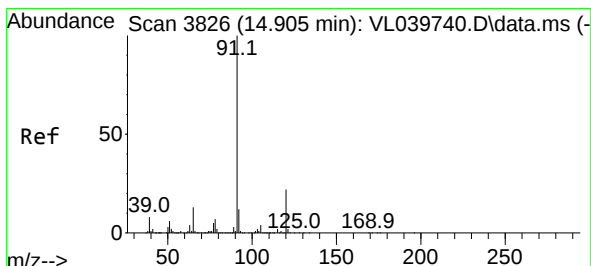
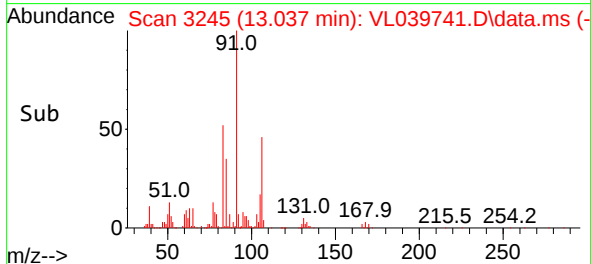
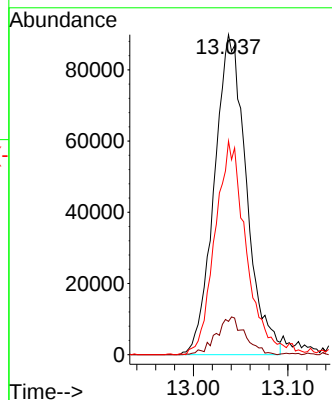
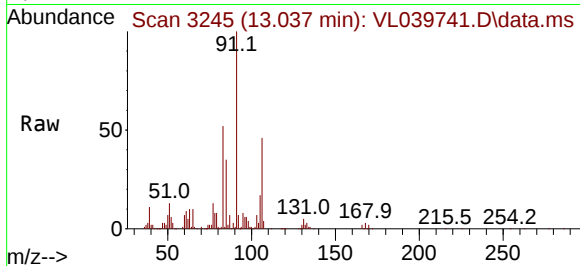
#63
1,1,2,2-Tetrachloroethane
Concen: 1.985 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 211590
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.7
85 66.9 32.8 98.4

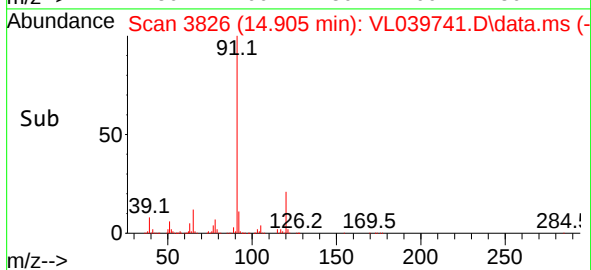
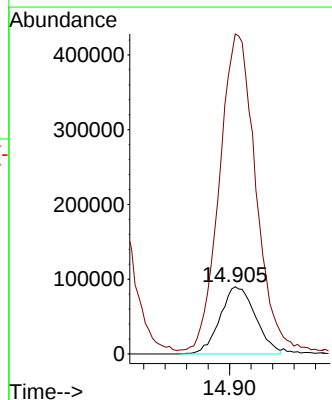
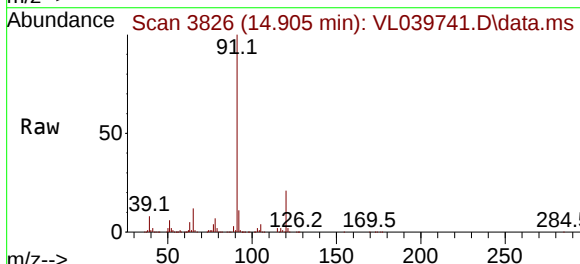
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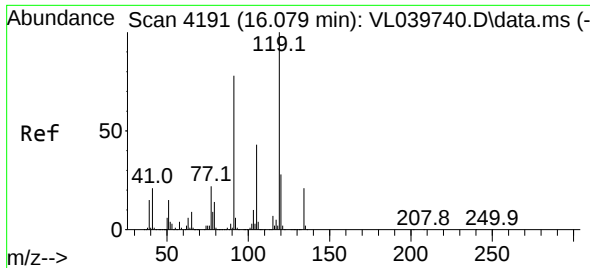
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#64
n-propylbenzene
Concen: 1.991 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

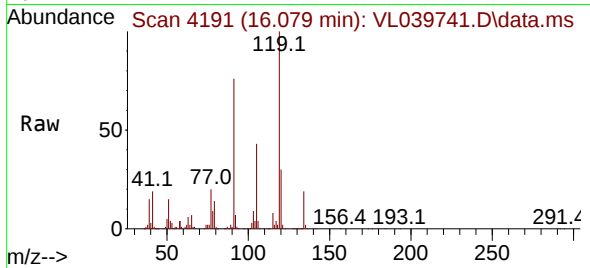
Tgt Ion:120 Resp: 204963
Ion Ratio Lower Upper
120 100
91 487.4 376.2 564.2





#65
tert-Butylbenzene
Concen: 2.146 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

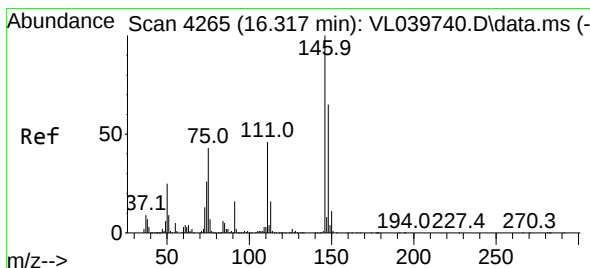
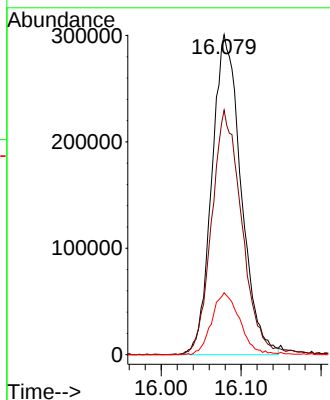
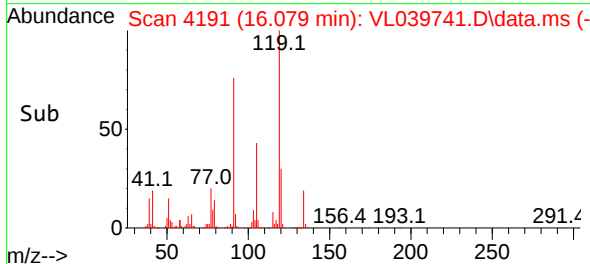
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



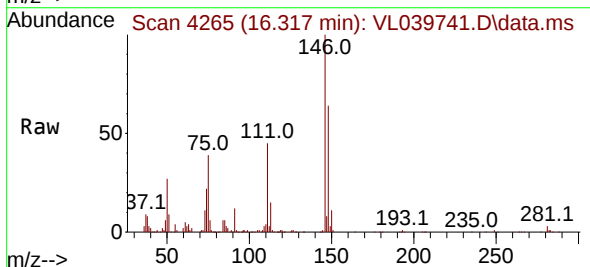
Tgt Ion: 119 Resp: 76221
Ion Ratio Lower Upper
119 100
91 80.0 64.2 96.2
134 18.7 15.5 23.3

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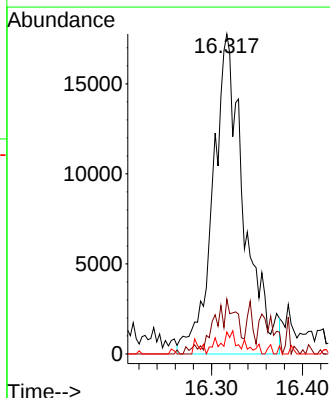
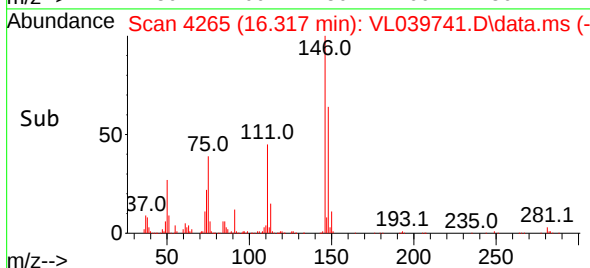
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

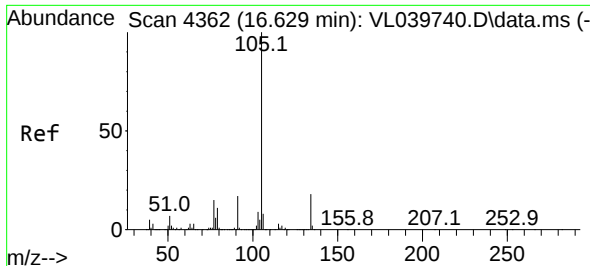


#66
Benzyl Chloride
Concen: 1.488 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



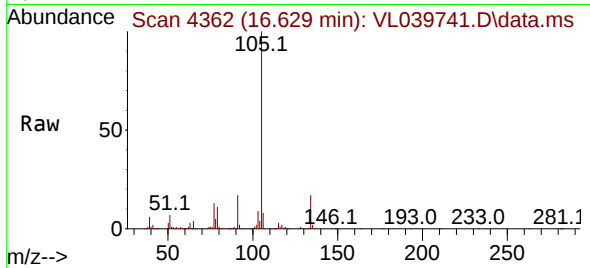
Tgt Ion: 91 Resp: 42073
Ion Ratio Lower Upper
91 100
126 12.9 12.6 18.8
128 5.7 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 2.084 ppbv
 RT: 16.629 min Scan# 4362
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

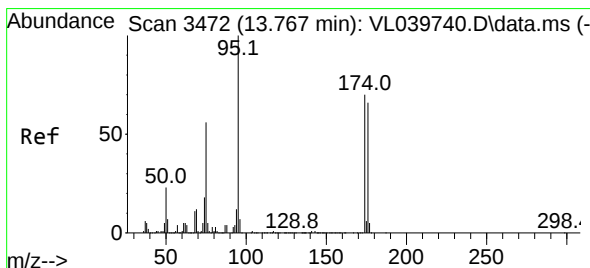
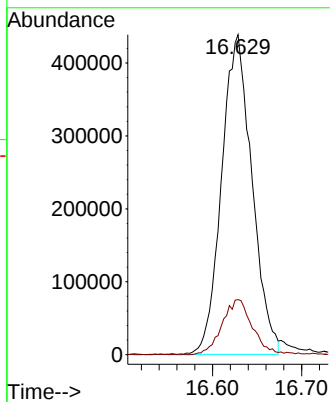
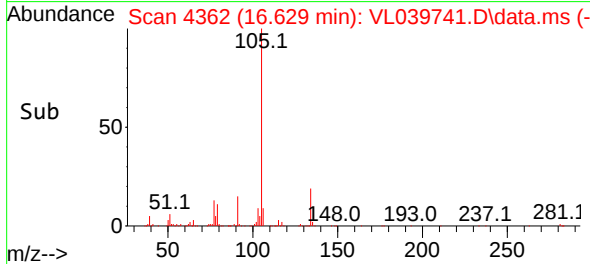
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



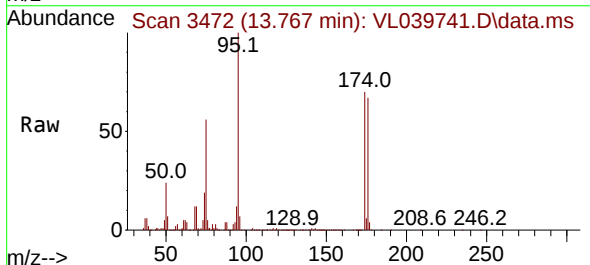
Tgt Ion:105 Resp: 1037998
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4

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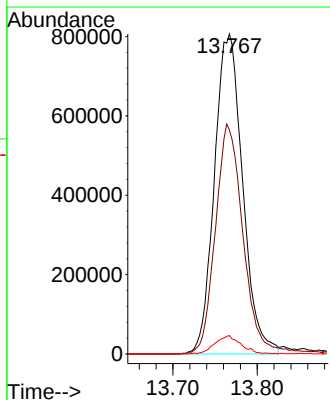
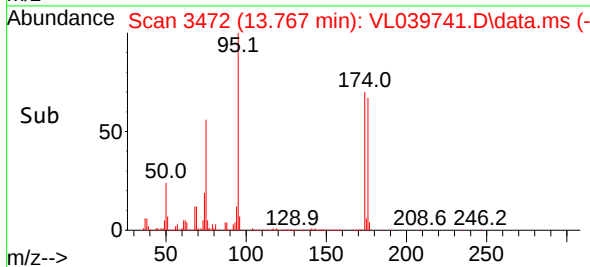
Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

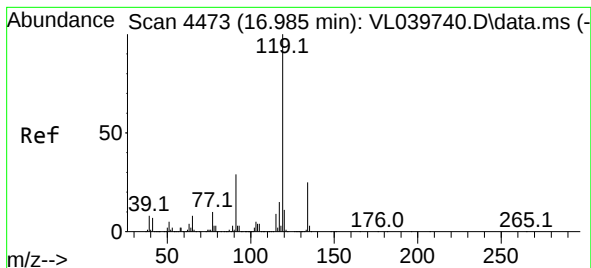


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.208 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.000 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44



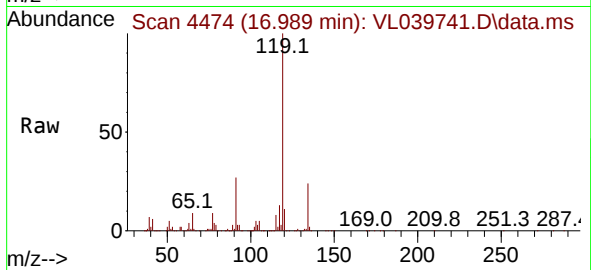
Tgt Ion: 95 Resp: 1874147
 Ion Ratio Lower Upper
 95 100
 174 71.1 56.5 84.7
 175 5.5 4.2 6.4





#69
p-Isopropyltoluene
Concen: 2.040 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

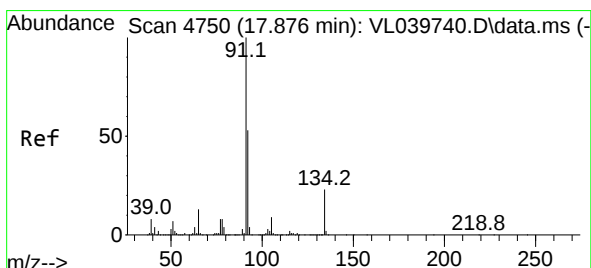
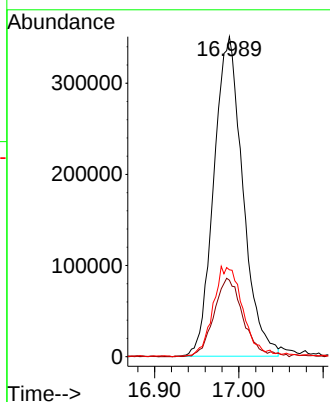
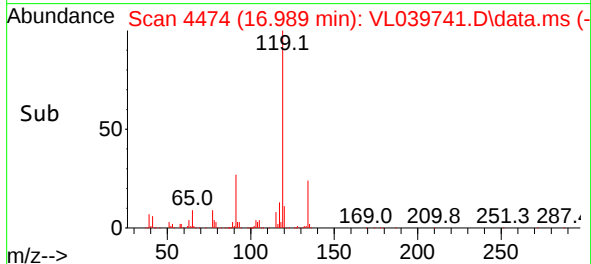
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



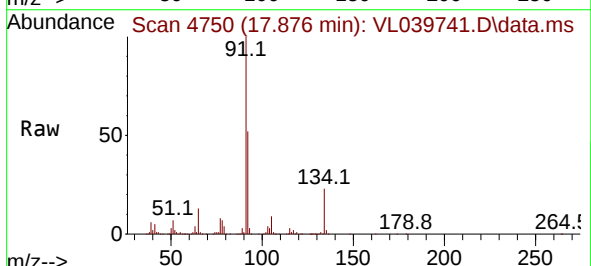
Tgt Ion: 119 Resp: 83525
Ion Ratio Lower Upper
119 100
134 25.1 19.8 29.8
91 29.6 22.7 34.1

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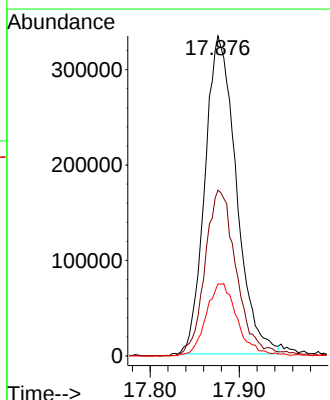
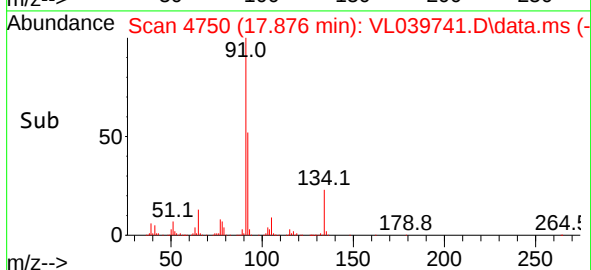
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

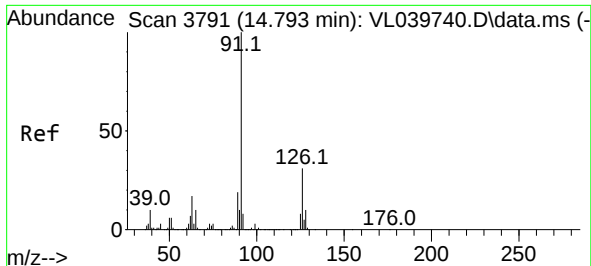


#70
n-Butylbenzene
Concen: 2.029 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



Tgt Ion: 91 Resp: 814064
Ion Ratio Lower Upper
91 100
92 53.4 43.3 64.9
134 23.2 18.4 27.6





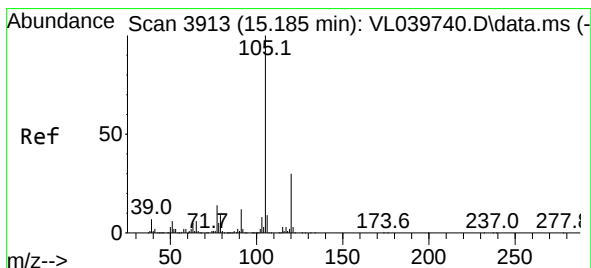
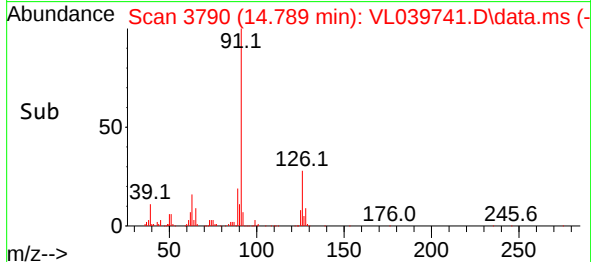
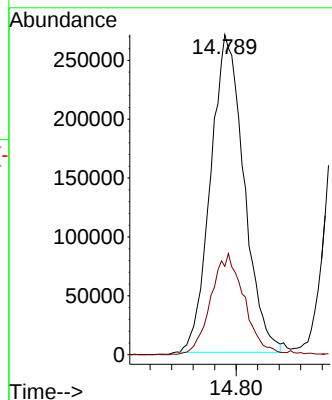
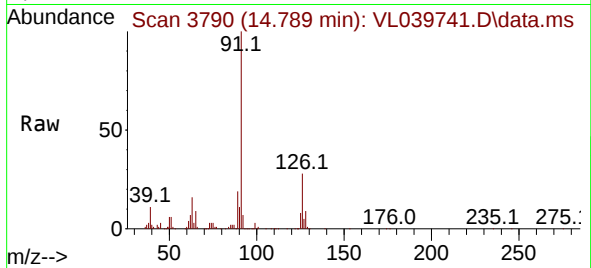
#71
2-Chlorotoluene
Concen: 2.003 ppbv
RT: 14.789 min Scan# 3791
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 581300
Ion Ratio Lower Upper
91 100
126 32.2 12.7 50.7

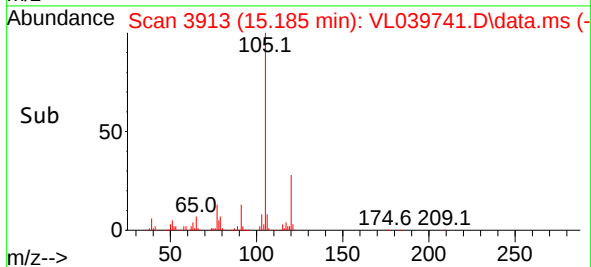
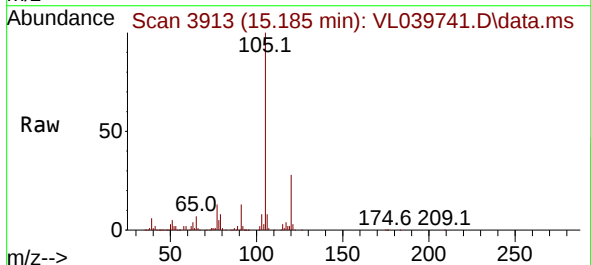
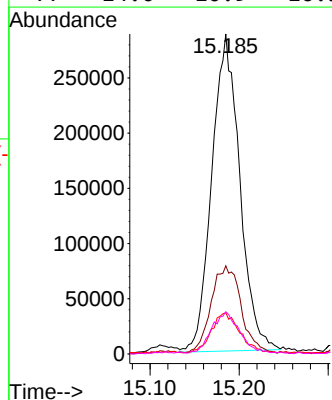
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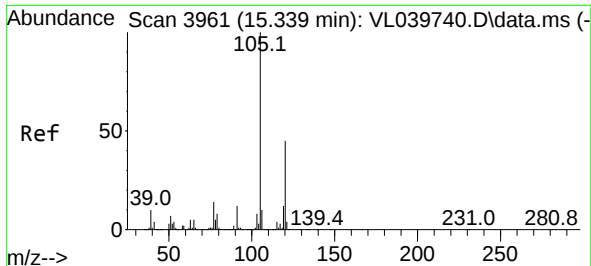
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#72
4-Ethyltoluene
Concen: 2.045 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

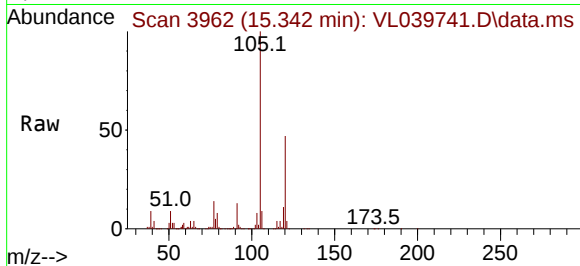
Tgt Ion:105 Resp: 623623
Ion Ratio Lower Upper
105 100
120 31.6 23.9 35.9
91 13.2 10.3 15.5
77 14.0 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 2.055 ppbv
RT: 15.342 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

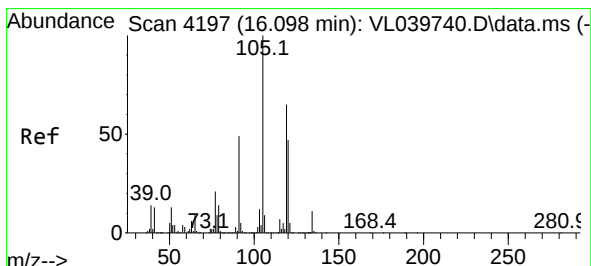
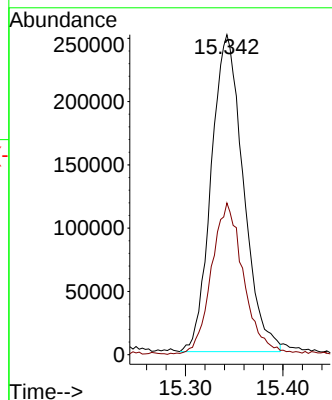
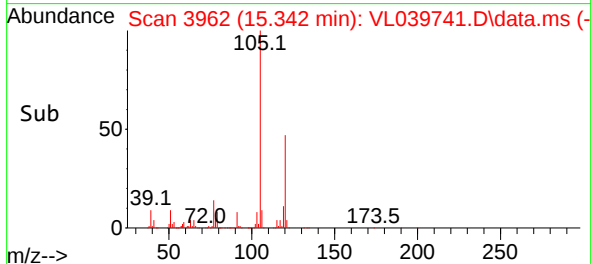
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:105 Resp: 573419
Ion Ratio Lower Upper
105 100
120 47.4 35.6 53.4

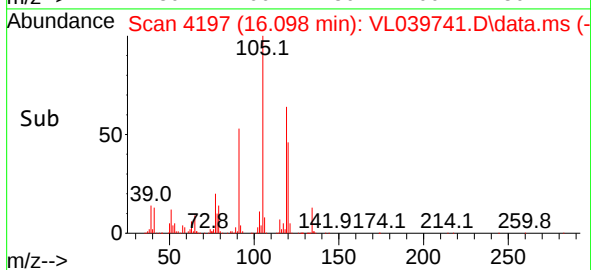
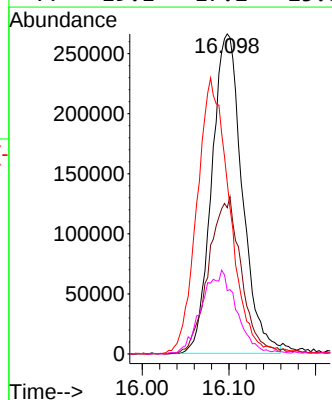
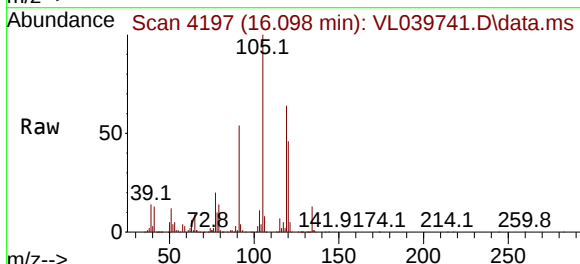
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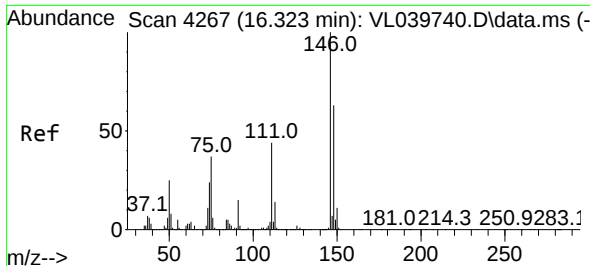
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#74
1,2,4-Trimethylbenzene
Concen: 2.075 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

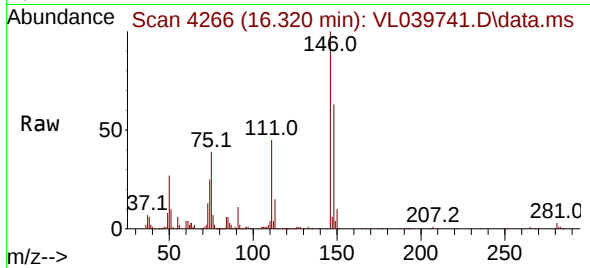
Tgt Ion:105 Resp: 649191
Ion Ratio Lower Upper
105 100
120 45.1 37.6 56.4
91 52.2 40.1 60.1
77 19.1 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 1.976 ppbv
RT: 16.320 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

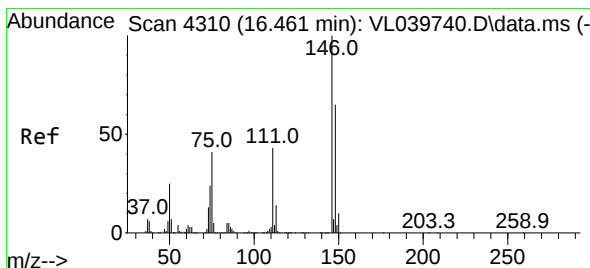
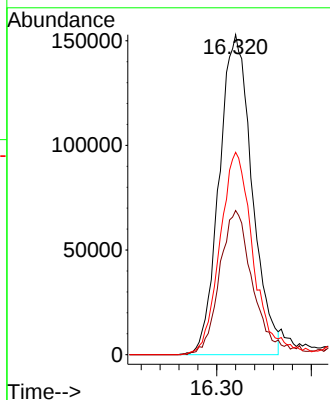
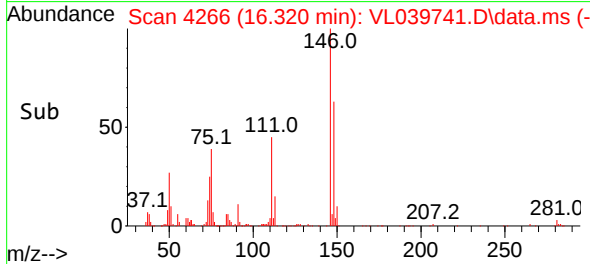
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



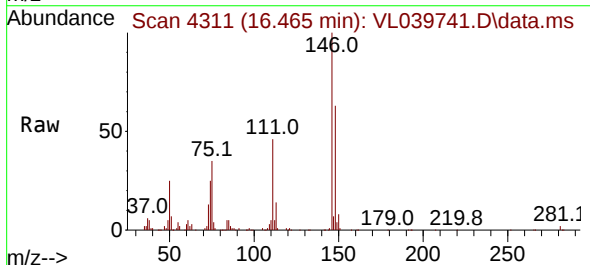
Tgt Ion:146 Resp: 36892
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.3
148 64.5 32.6 97.7

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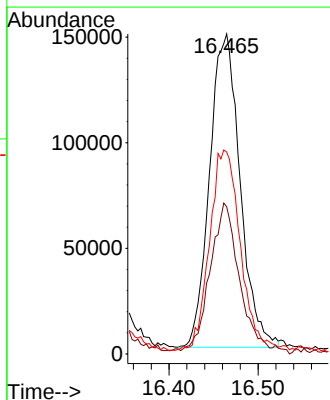
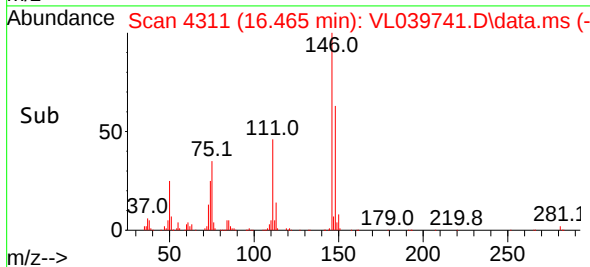
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

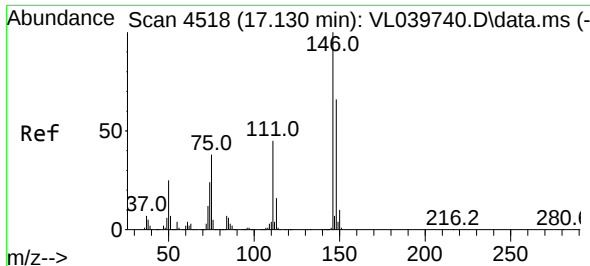


#76
1,4-Dichlorobenzene
Concen: 1.887 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



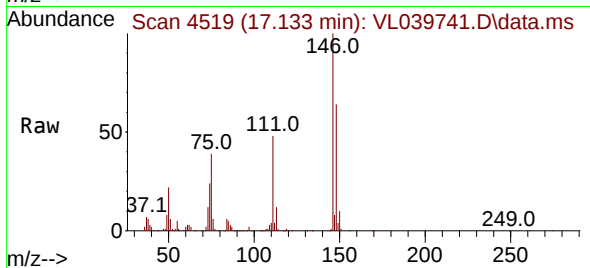
Tgt Ion:146 Resp: 352303
Ion Ratio Lower Upper
146 100
111 48.4 22.1 66.5
148 69.3 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 2.043 ppbv m
RT: 17.133 min Scan# 4518
Delta R.T. 0.003 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

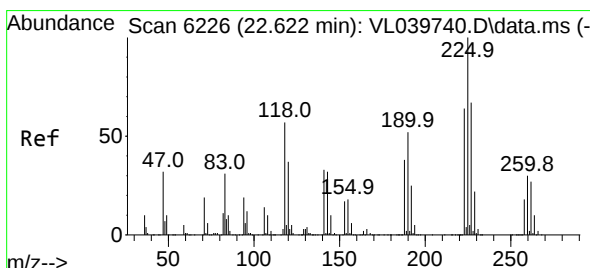
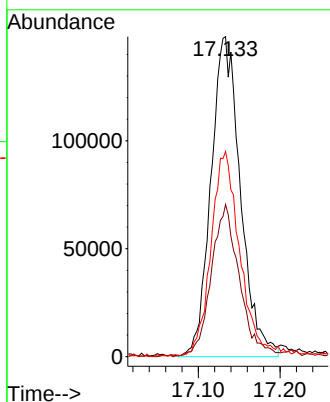
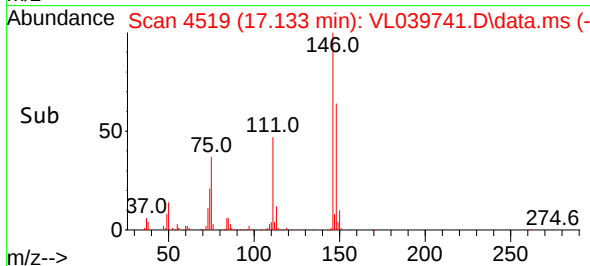
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



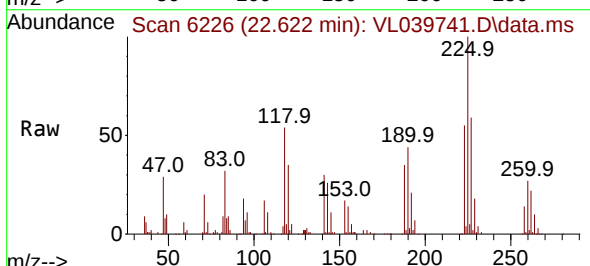
Tgt Ion:146 Resp: 37192
Ion Ratio Lower Upper
146 100
111 47.0 23.6 70.8
148 65.0 32.8 98.3

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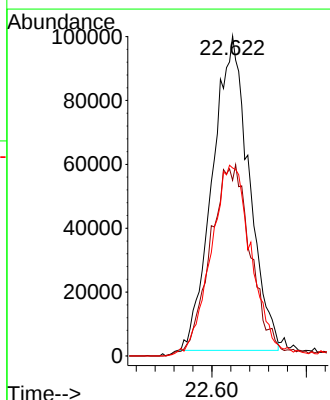
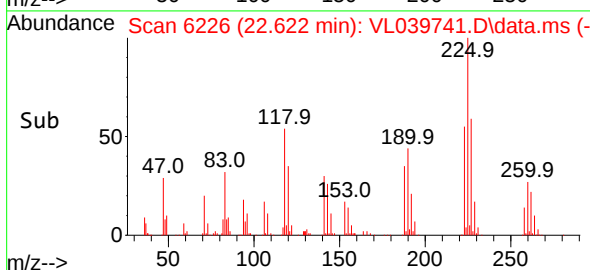
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

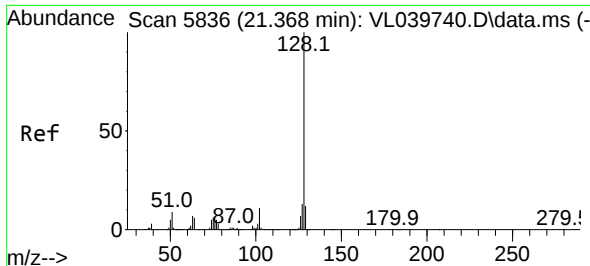


#78
Hexachloro-1,3-Butadiene
Concen: 1.903 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



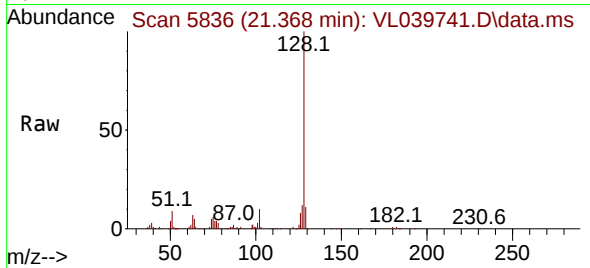
Tgt Ion:225 Resp: 264676
Ion Ratio Lower Upper
225 100
223 69.1 52.4 78.6
227 68.4 52.7 79.1





#79
Naphthalene
Concen: 2.195 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44

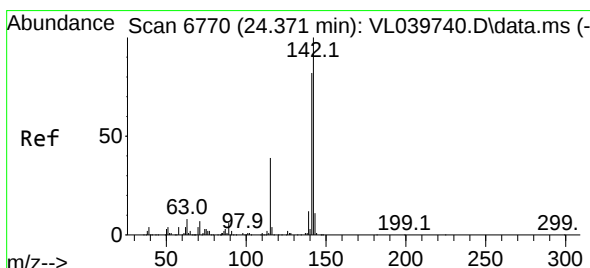
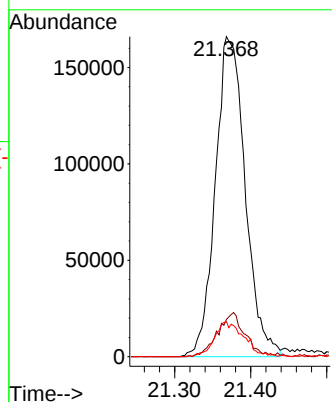
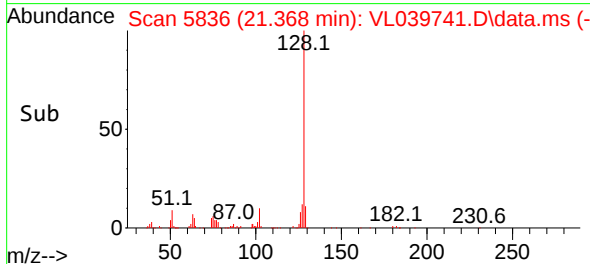
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



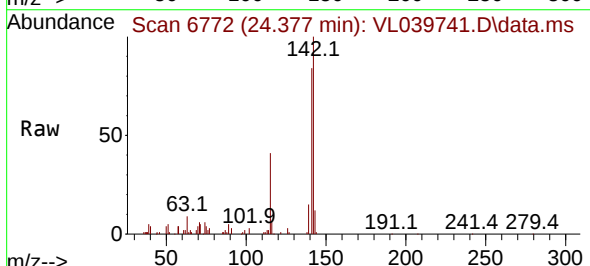
Tgt Ion:128 Resp: 45313
Ion Ratio Lower Upper
128 100
127 11.7 10.8 16.2
129 10.9 9.4 14.0

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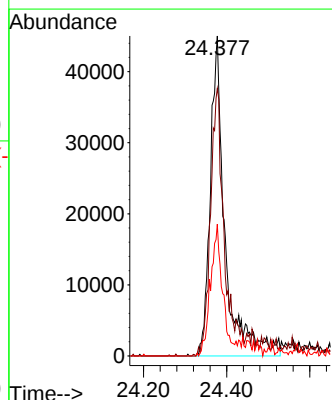
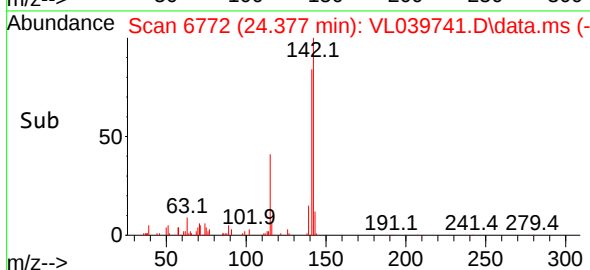
Reviewed By :Krupa Patel 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

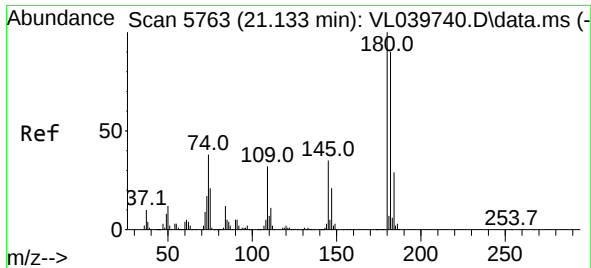


#80
Naphthalene,2-methyl-
Concen: 1.438 ppbv
RT: 24.377 min Scan# 6772
Delta R.T. 0.007 min
Lab File: VL039741.D
Acq: 21 Oct 2022 10:44



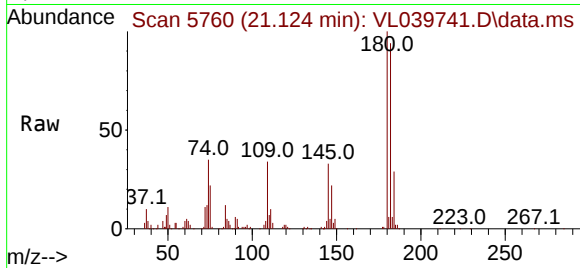
Tgt Ion:142 Resp: 111664
Ion Ratio Lower Upper
142 100
141 76.6 70.0 105.0
115 38.0 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 1.947 ppbv m
 RT: 21.124 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL039741.D
 Acq: 21 Oct 2022 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 26405
 Ion Ratio Lower Upper
 180 100
 182 0.0 0.0 0.0
 184 30.3 0.0 0.0

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Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

