

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091922\
 Data File : VL039628.D
 Acq On : 19 Sep 2022 9:44
 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 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 19 11:17:32 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M

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

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1180174	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3136453	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	3024953	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2233180 9.786 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	286536	1.825	ppbv	94
3) Chlorodifluoromethane	2.693	51	292474	2.080	ppbv	95
4) Chloromethane	2.835	50	179543	2.120	ppbv	99
5) Vinyl Chloride	2.941	62	145933	2.135	ppbv	93
6) Bromomethane	3.144	94	52704	1.818	ppbv	93
7) Chloroethane	3.217	64	53158	2.076	ppbv	99
8) Dichlorotetrafluoroethane	2.877	85	348388	2.074	ppbv	96
9) Propene	2.716	41	128881	2.003	ppbv	94
10) Heptane	7.587	43	323467	2.171	ppbv	99
11) Trichlorofluoromethane	3.584	101	346200	2.009	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.082	101	264697	2.076	ppbv	98
13) Ethanol	3.263	45	9415m	2.036	ppbv	
14) Bromoethene	3.388	108	105400	2.023	ppbv	92
15) Acetone	3.488	43	292301	2.211	ppbv	96
16) 1,3-Butadiene	3.005	39	141219	2.047	ppbv	98
17) tert-Butyl alcohol	3.902	59	231443	2.051	ppbv	100
18) 1,1-Dichloroethene	3.902	96	114853	2.000	ppbv	91
19) Isopropyl Alcohol	3.597	45	123526	1.921	ppbv	98
20) Methylene Chloride	3.954	84	137734	2.564	ppbv	97
21) Allyl Chloride	4.015	41	179692	2.090	ppbv	98
22) trans-1,2-Dichloroethene	4.462	96	119944m	2.100	ppbv	
23) Vinyl Acetate	4.645	43	118009	1.877	ppbv #	97
24) 1,1-Dichloroethane	4.581	63	240664	2.068	ppbv	99
25) Ethyl Acetate	5.224	43	622703	2.201	ppbv	99
26) Hexane	5.227	57	265764	2.302	ppbv	98
27) Carbon Disulfide	4.144	76	261151	2.117	ppbv	96
28) Methyl tert-Butyl Ether	4.607	73	210054	2.109	ppbv	100
29) Chloroform	5.288	83	361641	2.003	ppbv	99
30) Cyclohexane	6.616	84	196026	2.050	ppbv	94
31) cis-1,2-Dichloroethene	5.095	61	227699	2.036	ppbv	97
32) 1,1,1-Trichloroethane	6.015	97	352470	2.219	ppbv	98
34) 2-Butanone	4.806	43	313824	2.013	ppbv	100
35) Carbon Tetrachloride	6.504	117	361107	2.130	ppbv	98
36) Benzene	6.381	78	511771	2.141	ppbv #	91
37) 1,2-Dichloroethane	5.815	62	262039	1.990	ppbv	98
38) Trichloroethene	7.301	130	286901	2.240	ppbv	93
39) 1,2-Dichloropropane	7.086	63	193996	2.158	ppbv	97
40) 1,4-Dioxane	7.311	88	77077m	2.190	ppbv	
41) Tetrahydrofuran	5.584	42	194988	2.093	ppbv	99
42) Bromodichloromethane	7.259	83	379980	2.109	ppbv	94
43) Methyl Methacrylate	7.491	69	188094	2.182	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	887328	2.202	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	147652m	1.967	ppbv	

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091922AIR.M

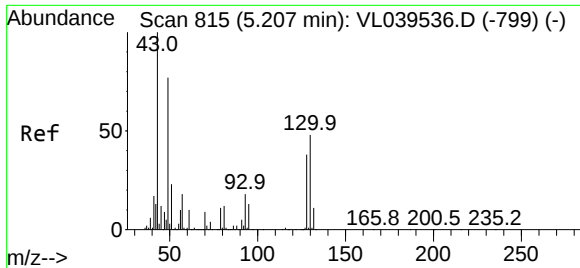
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

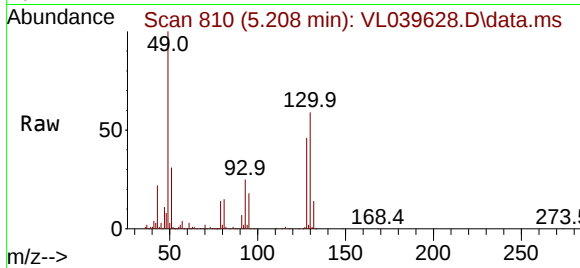
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	214541	2.063	ppbv	94
47) 1,1,2-Trichloroethane	8.905	97	212533	2.070	ppbv	98
48) Dibromochloromethane	9.716	129	321508	2.125	ppbv	98
49) Bromoform	12.410	173	251156	2.004	ppbv	97
50) 4-Methyl-2-Pentanone	8.198	43	511676	2.106	ppbv	100
51) 2-Hexanone	9.568	43	369085	2.064	ppbv #	96
52) Tetrachloroethene	10.622	164	191599	2.118	ppbv	94
53) Toluene	9.230	91	574084	2.145	ppbv	100
54) 1,2-Dibromoethane	10.015	107	233208	2.031	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.519	131	256007	2.083	ppbv #	1
57) Chlorobenzene	11.532	112	467280	2.071	ppbv	95
58) Ethyl Benzene	12.095	91	773280	2.225	ppbv	95
59) m/p-Xylene	12.378	91	1345481m	4.315	ppbv	
60) o-Xylene	13.066	91	650279	2.173	ppbv	99
61) Styrene	12.905	104	349189	2.191	ppbv	99
62) Isopropylbenzene	14.037	105	973909	2.152	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	262164	1.850	ppbv	98
64) n-propylbenzene	14.924	120	247646	2.105	ppbv	90
65) tert-Butylbenzene	16.095	119	895168	2.225	ppbv	99
66) Benzyl Chloride	16.333	91	57367m	1.755	ppbv	
67) sec-Butylbenzene	16.641	105	1243291	2.182	ppbv	98
69) p-Isopropyltoluene	17.002	119	1040182m	2.199	ppbv	
70) n-Butylbenzene	17.895	91	997282	2.119	ppbv	99
71) 2-Chlorotoluene	14.809	91	707446	2.158	ppbv	98
72) 4-Ethyltoluene	15.204	105	771034m	2.203	ppbv	
73) 1,3,5-Trimethylbenzene	15.362	105	690053	2.158	ppbv	97
74) 1,2,4-Trimethylbenzene	16.114	105	760968	2.135	ppbv	92
75) 1,3-Dichlorobenzene	16.336	146	446572	2.061	ppbv	98
76) 1,4-Dichlorobenzene	16.477	146	459890m	2.131	ppbv	
77) 1,2-Dichlorobenzene	17.149	146	436332	2.057	ppbv	98
78) Hexachloro-1,3-Butadiene	22.638	225	351007	2.077	ppbv	98
79) Naphthalene	21.394	128	570957	2.250	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	183571	1.782	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	336106	1.983	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

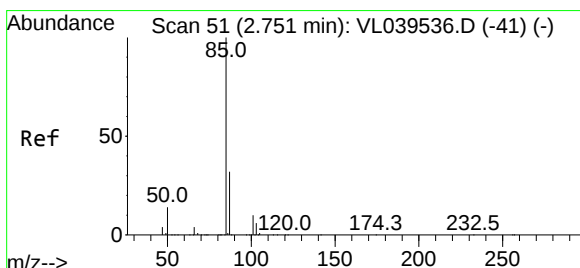
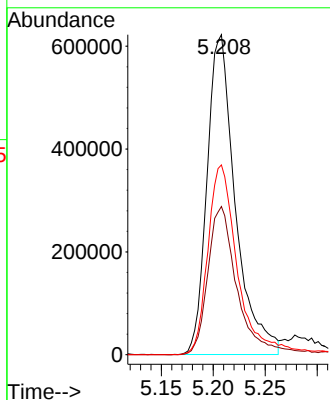
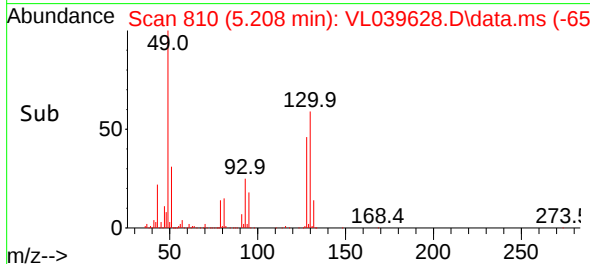
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



Tgt Ion: 49 Resp: 1180174
 Ion Ratio Lower Upper
 49 100
 128 49.3 26.7 80.0
 130 63.5 34.3 102.8

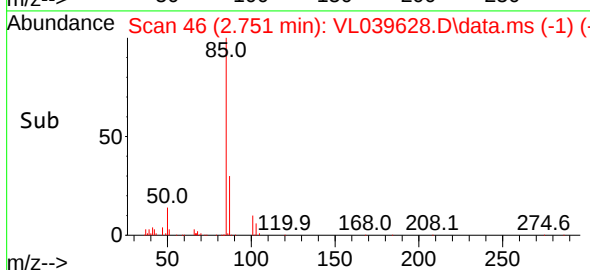
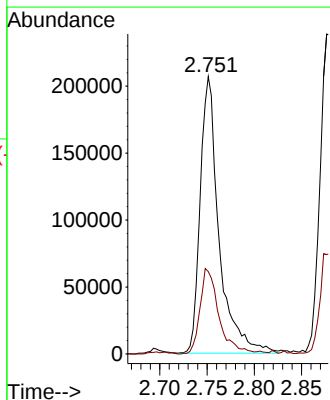
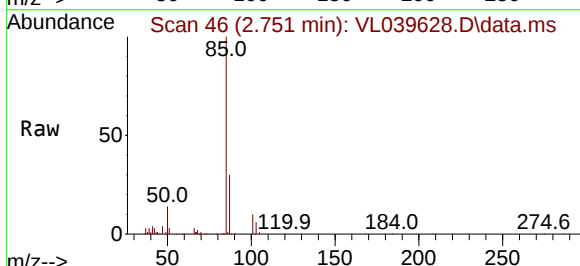
Manual Integrations
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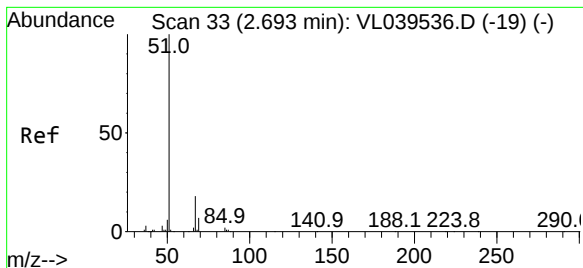
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#2
 Dichlorodifluoromethane
 Concen: 1.825 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

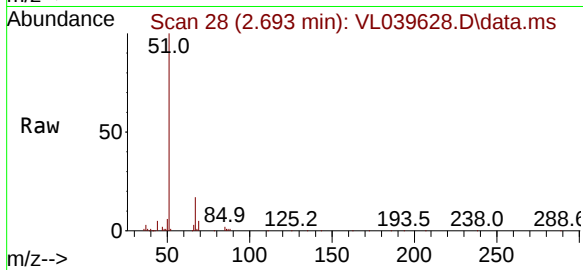
Tgt Ion: 85 Resp: 286536
 Ion Ratio Lower Upper
 85 100
 87 29.8 26.7 40.1





#3
Chlorodifluoromethane
Concen: 2.080 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

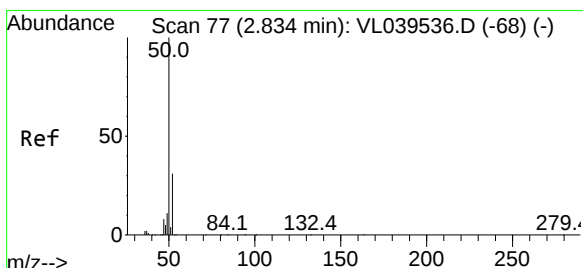
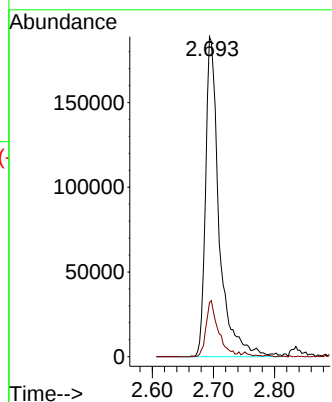
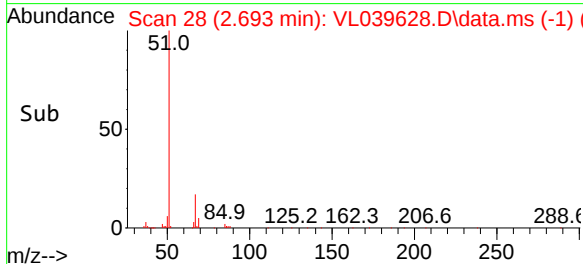
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



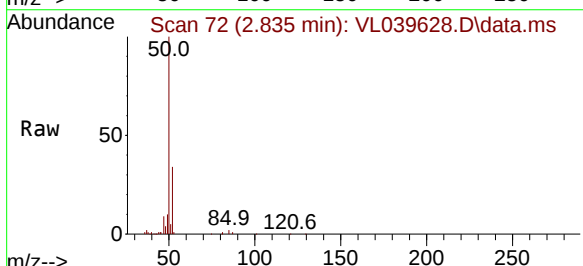
Tgt Ion: 51 Resp: 292474
Ion Ratio Lower Upper
51 100
67 17.3 15.7 23.5

Manual Integrations
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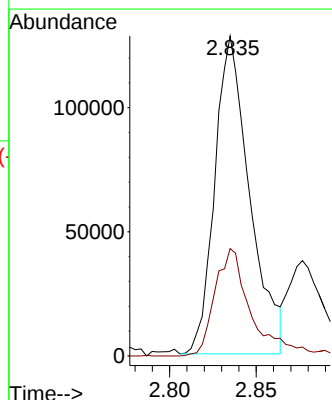
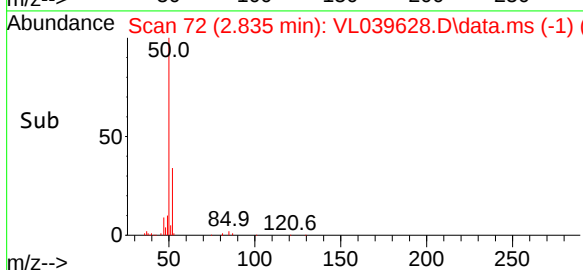
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

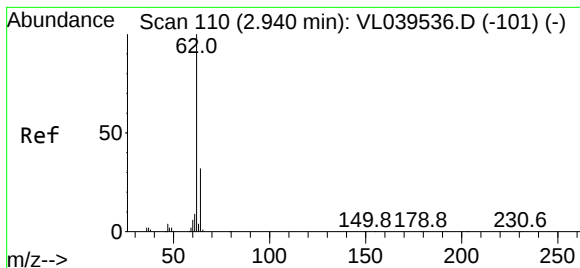


#4
Chloromethane
Concen: 2.120 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



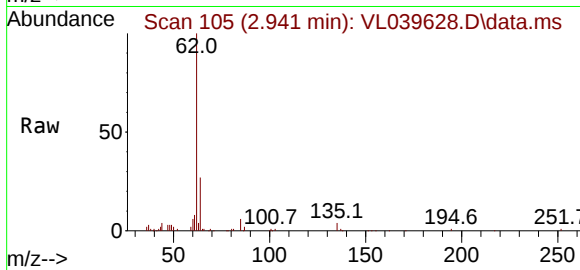
Tgt Ion: 50 Resp: 179543
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 2.135 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

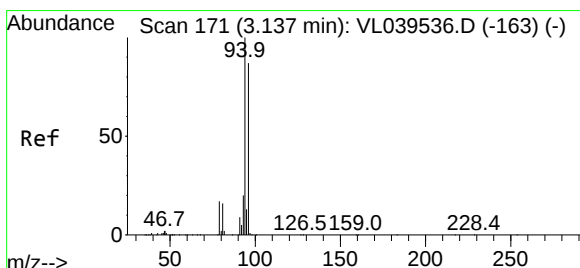
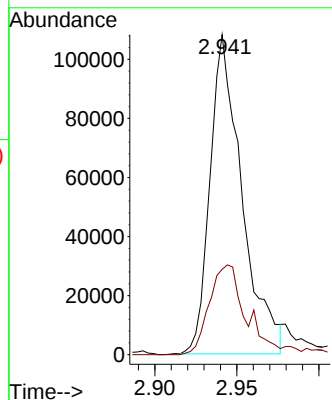
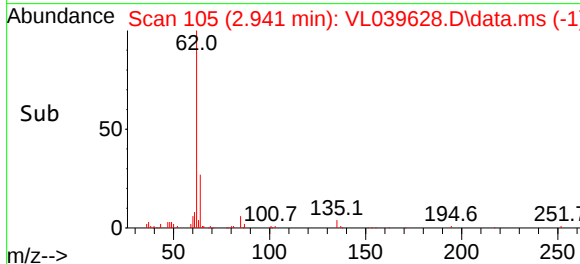
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 14593
 Ion Ratio Lower Upper
 62 100
 64 26.8 24.6 36.8

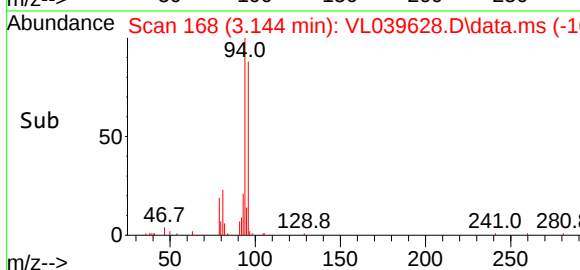
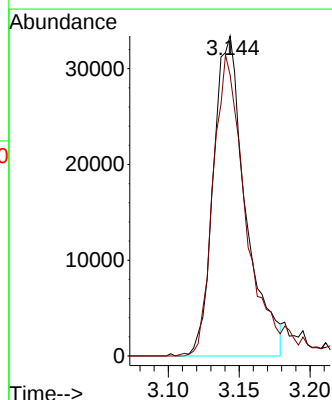
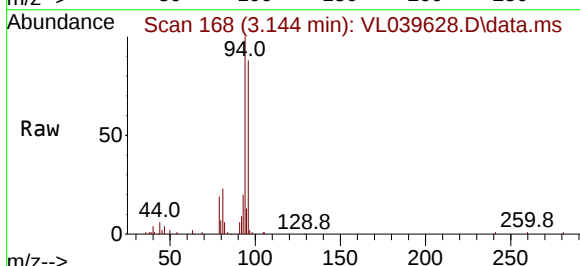
Manual Integrations
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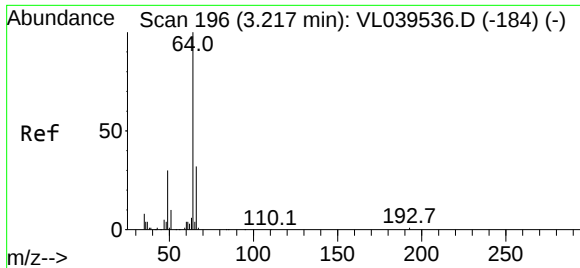
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#6
 Bromomethane
 Concen: 1.818 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

Tgt Ion: 94 Resp: 52704
 Ion Ratio Lower Upper
 94 100
 96 87.3 75.6 113.4





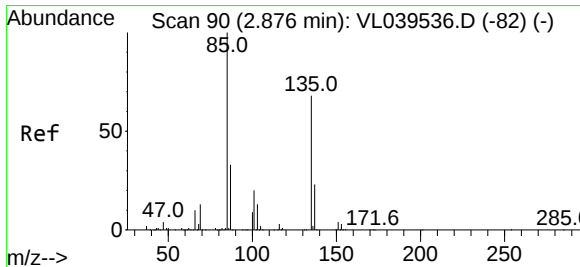
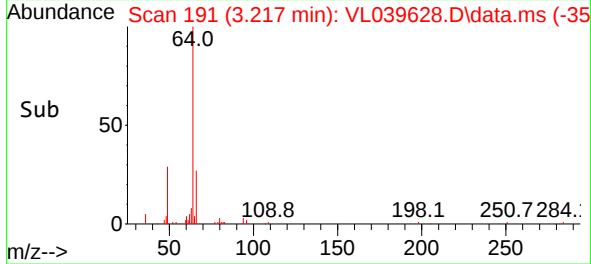
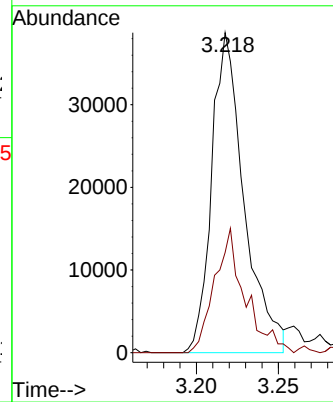
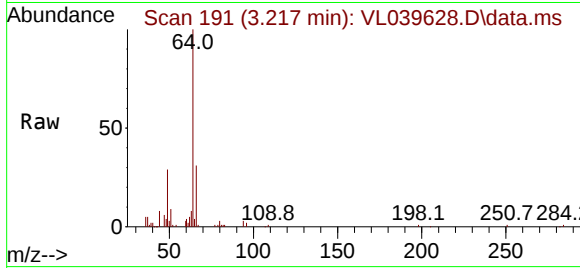
#7
Chloroethane
Concen: 2.076 ppbv
RT: 3.217 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 53158
Ion Ratio Lower Upper
64 100
66 31.3 24.7 37.1

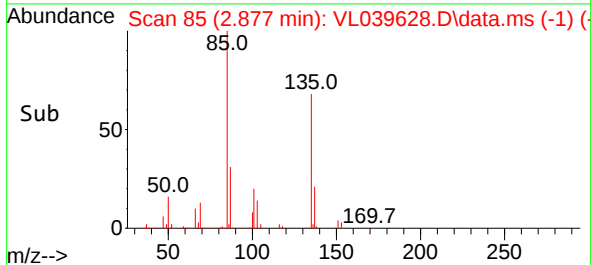
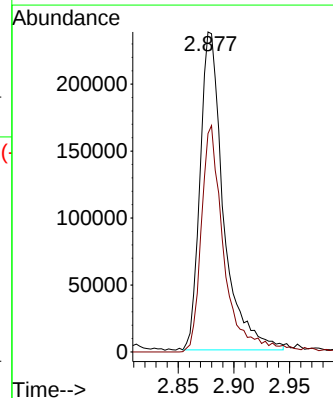
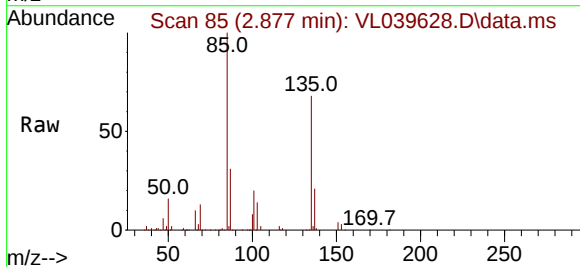
Manual Integrations
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Supervised By :Mahesh Dadoda 09/21/2022



#8
Dichlorotetrafluoroethane
Concen: 2.074 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

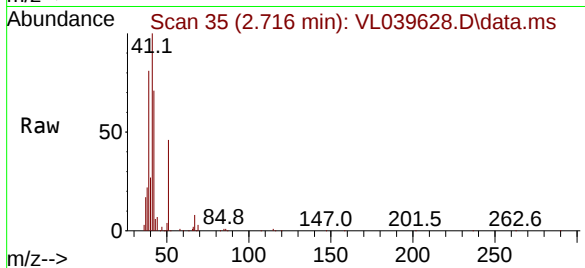
Tgt Ion: 85 Resp: 348388
Ion Ratio Lower Upper
85 100
135 70.2 59.0 88.4





#9
 Propene
 Concen: 2.003 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

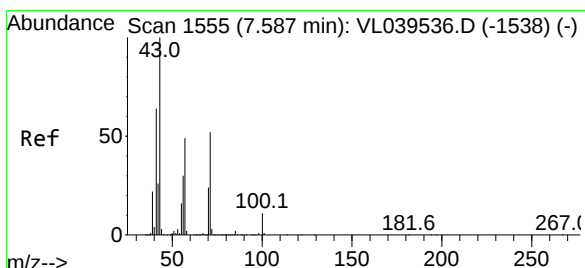
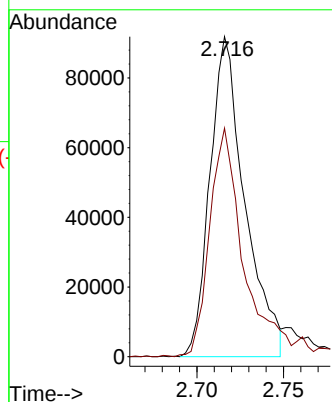
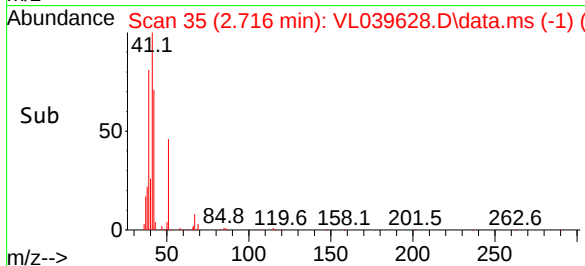
Instrument :
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 ClientSampleId :
 VSTDIC002



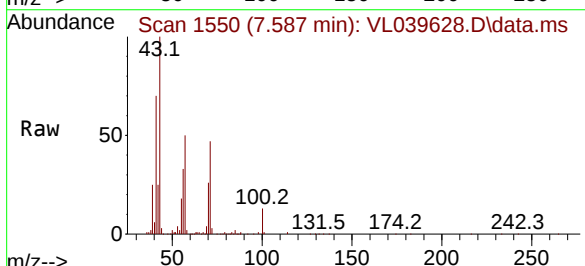
Tgt Ion: 41 Resp: 12888
 Ion Ratio Lower Upper
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 42 74.1 55.2 82.8

Manual Integrations
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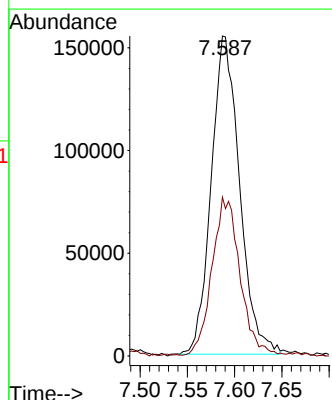
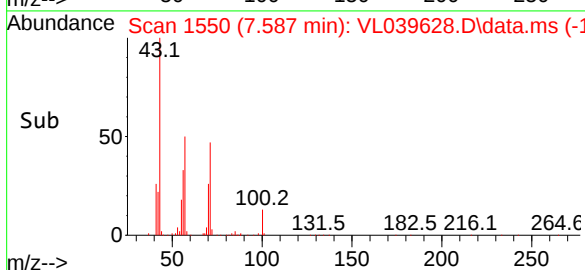
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

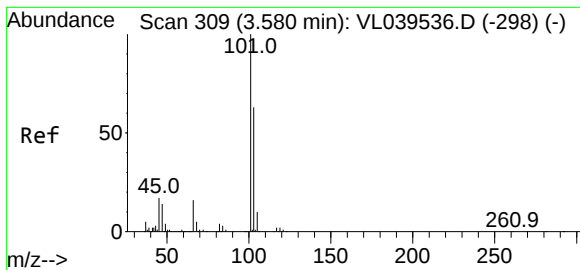


#10
 Heptane
 Concen: 2.171 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44



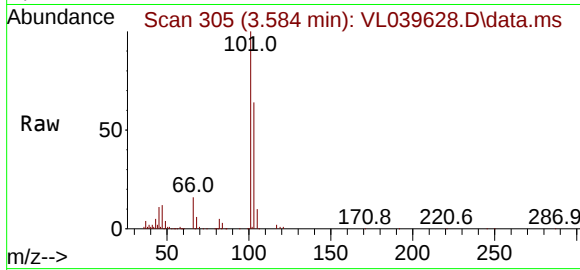
Tgt Ion: 43 Resp: 323467
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 2.009 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

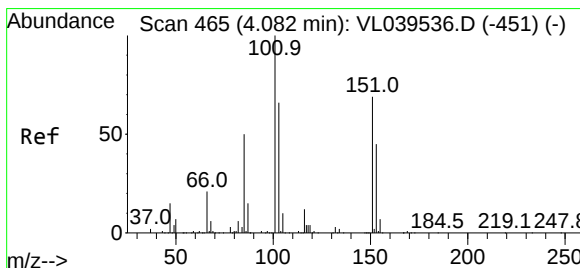
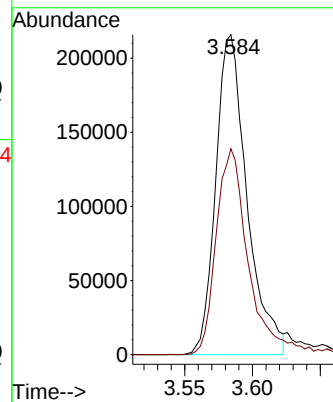
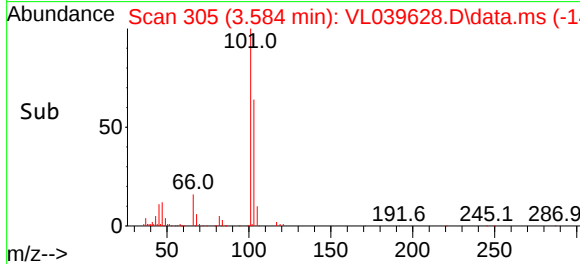
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



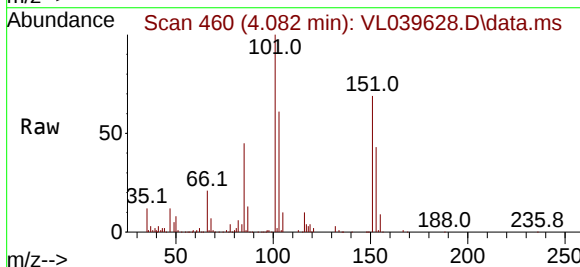
Tgt Ion:101 Resp: 346200
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

Manual Integrations
APPROVED

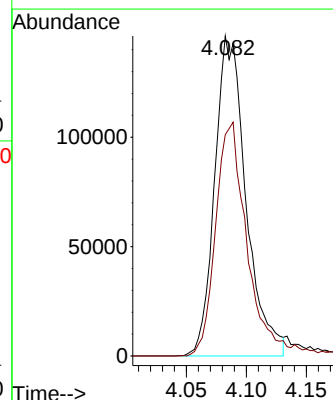
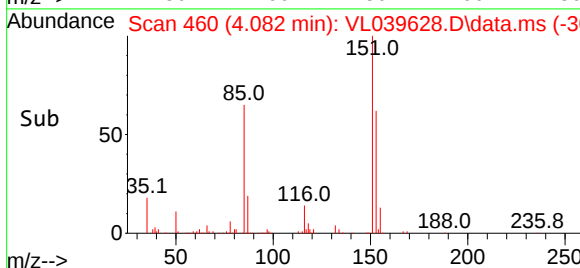
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

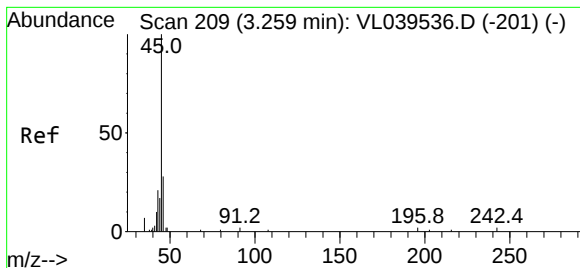


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.076 ppbv
RT: 4.082 min Scan# 460
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



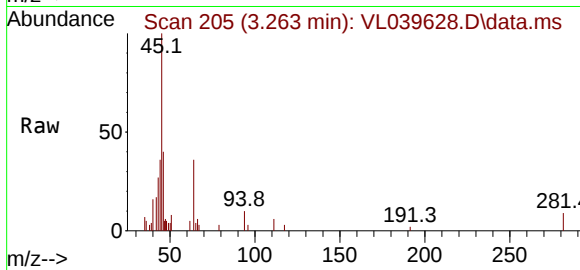
Tgt Ion:101 Resp: 264697
Ion Ratio Lower Upper
101 100
151 75.2 58.9 88.3





#13
Ethanol
Concen: 2.036 ppbv m
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

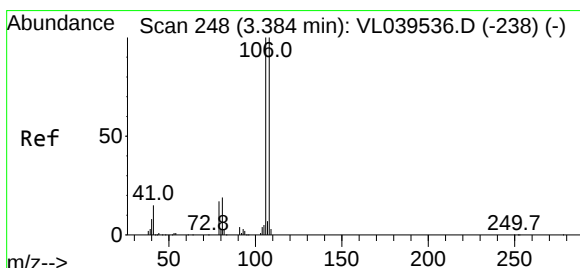
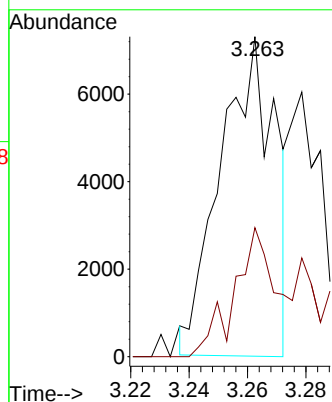
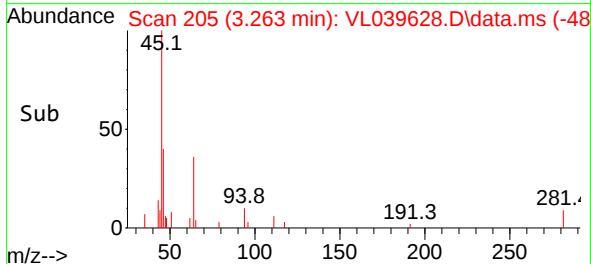
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



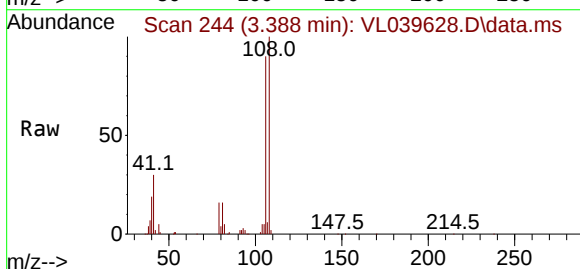
Tgt Ion: 45 Resp: 941
Ion Ratio Lower Upper
45 100
46 61.3 22.8 91.2

Manual Integrations
APPROVED

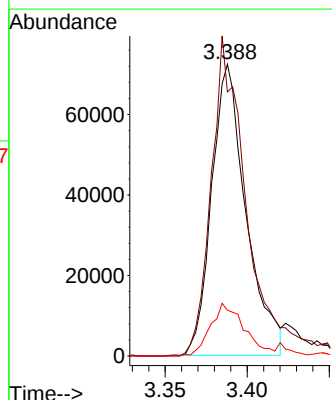
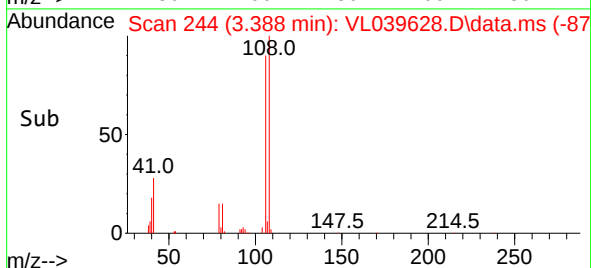
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

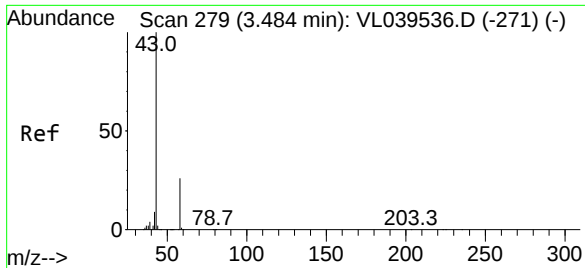


#14
Bromoethene
Concen: 2.023 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



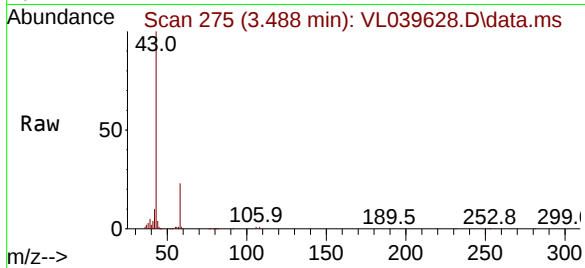
Tgt Ion:108 Resp: 105400
Ion Ratio Lower Upper
108 100
106 118.4 87.1 130.7
79 20.0 14.6 22.0





#15
Acetone
Concen: 2.211 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

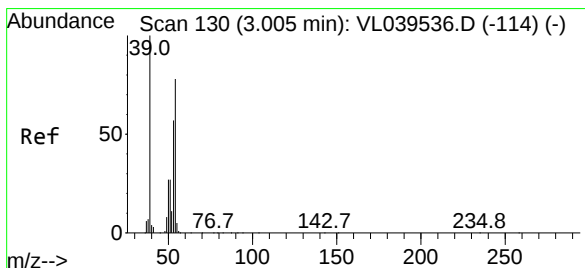
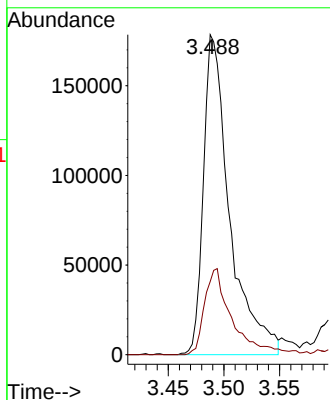
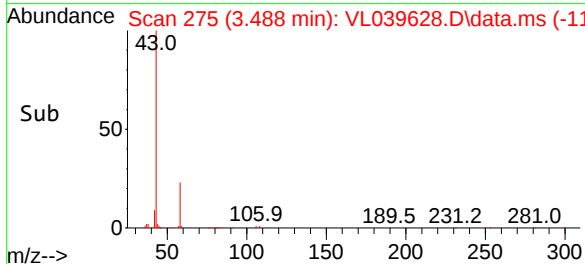
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



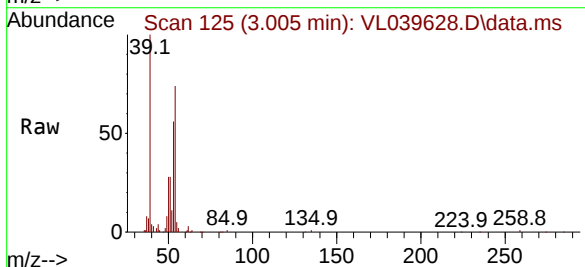
Tgt Ion: 43 Resp: 29230
Ion Ratio Lower Upper
43 100
58 28.3 21.0 31.6

Manual Integrations
APPROVED

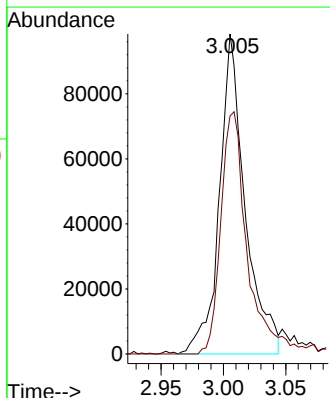
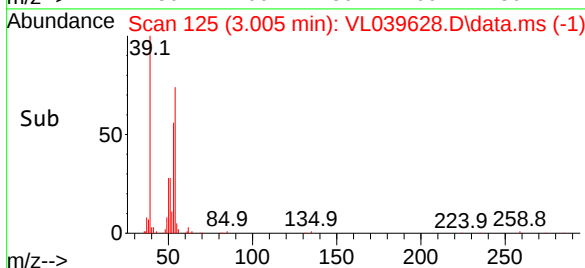
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

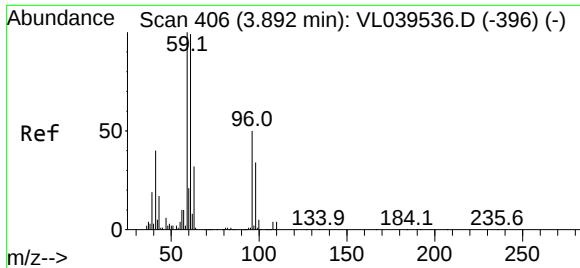


#16
1,3-Butadiene
Concen: 2.047 ppbv
RT: 3.005 min Scan# 125
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



Tgt Ion: 39 Resp: 141219
Ion Ratio Lower Upper
39 100
54 81.2 63.7 95.5





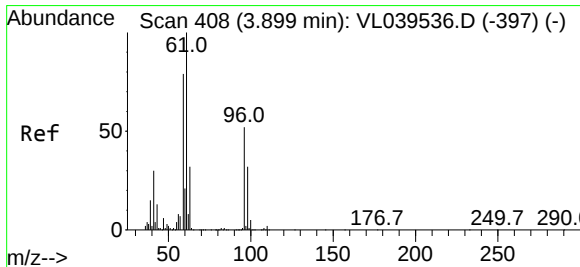
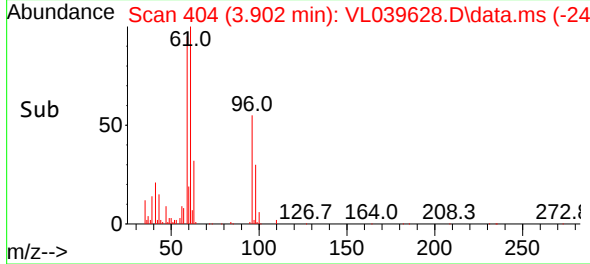
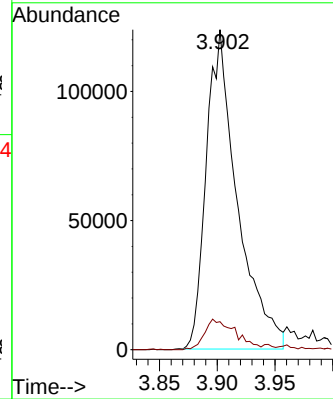
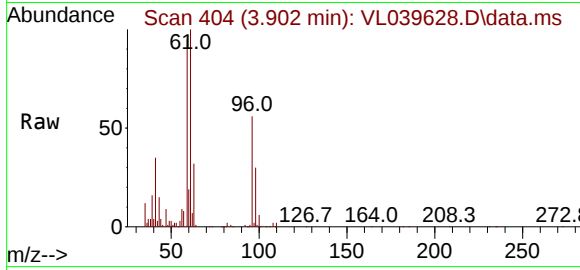
#17
tert-Butyl alcohol
Concen: 2.051 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.010 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 23144
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

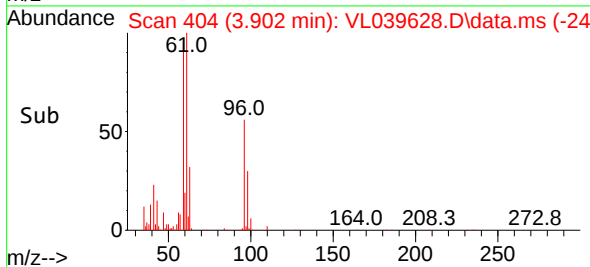
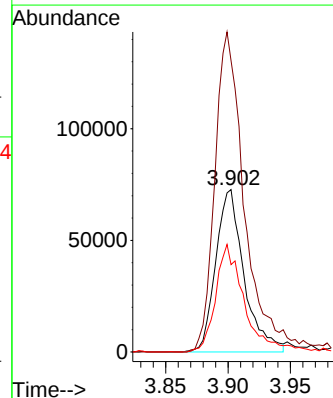
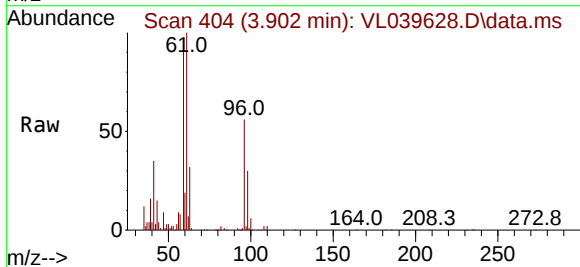
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#18
1,1-Dichloroethene
Concen: 2.000 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 96 Resp: 114853
Ion Ratio Lower Upper
96 100
61 179.3 152.2 228.4
98 53.8 51.8 77.6





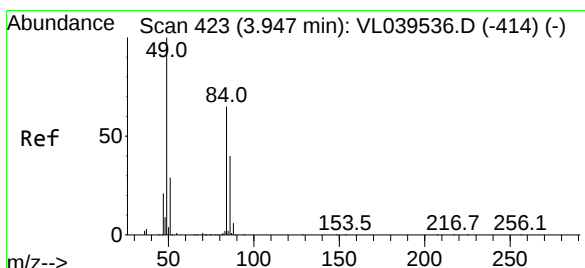
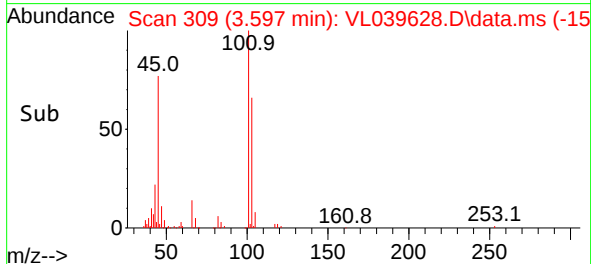
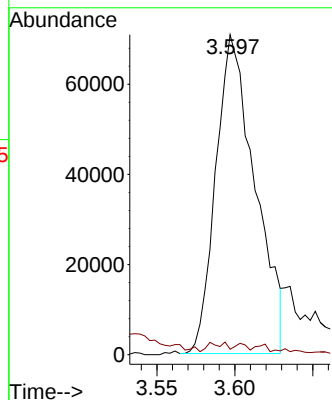
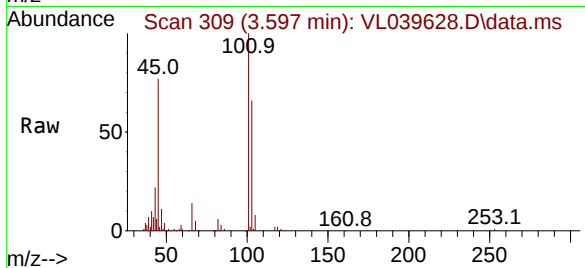
#19
Isopropyl Alcohol
Concen: 1.921 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 123520
Ion Ratio Lower Upper
45 100
58 3.4 3.2 4.8

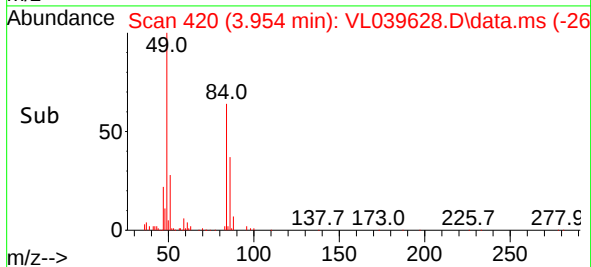
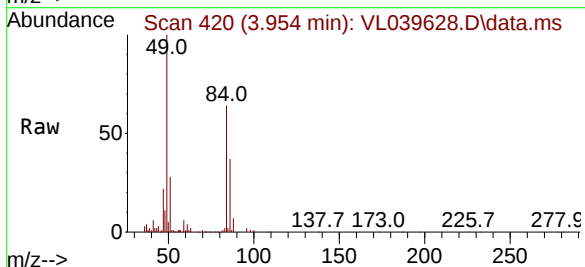
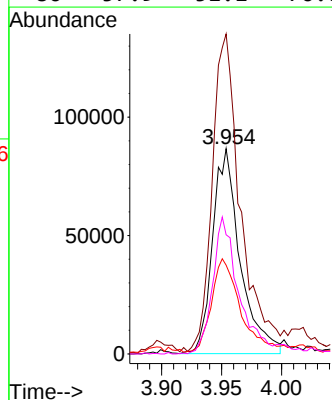
Manual Integrations
APPROVED

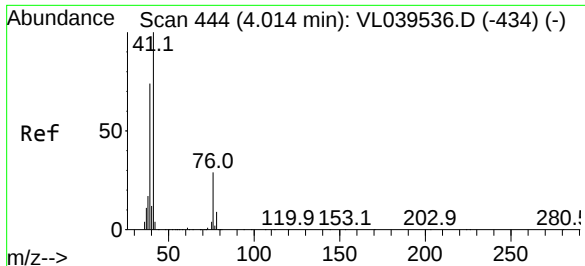
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#20
Methylene Chloride
Concen: 2.564 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

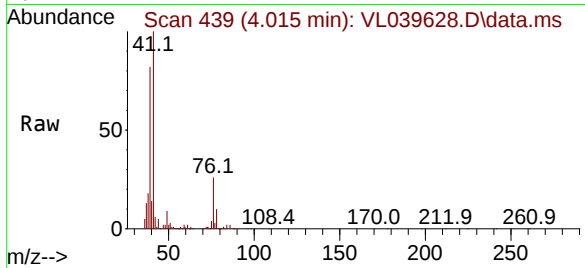
Tgt Ion: 84 Resp: 137734
Ion Ratio Lower Upper
84 100
49 155.1 123.1 184.7
51 41.1 34.4 51.6
86 57.9 51.1 76.7





#21
 Allyl Chloride
 Concen: 2.090 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

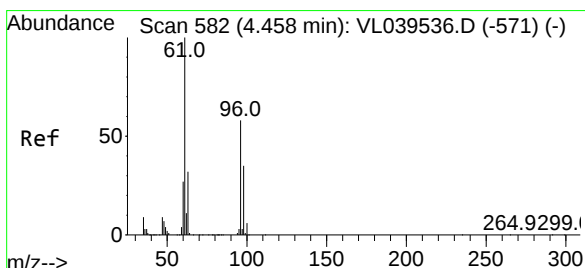
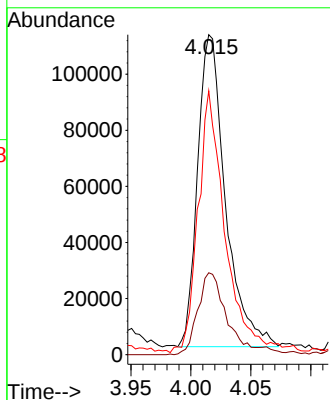
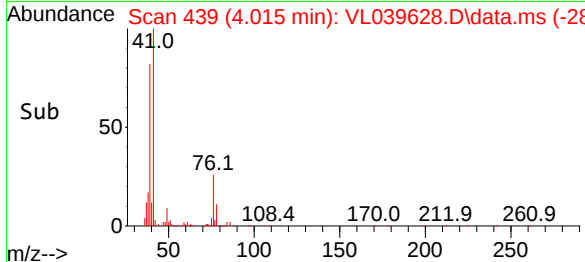
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 41 Resp: 179692
 Ion Ratio Lower Upper
 41 100
 76 28.5 24.4 36.6
 39 80.5 63.5 95.3

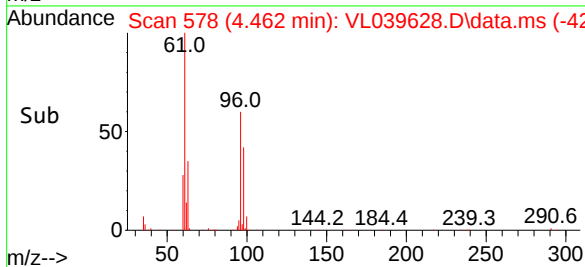
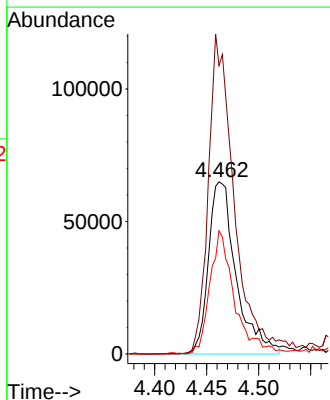
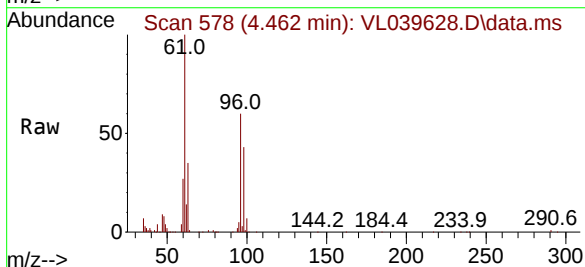
Manual Integrations
 APPROVED

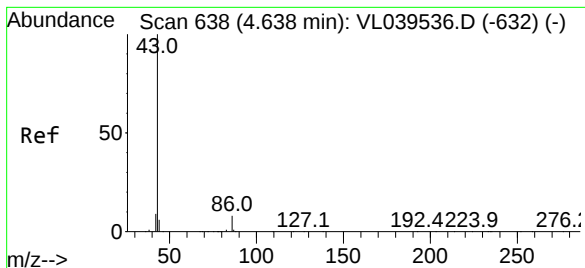
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 2.100 ppbv m
 RT: 4.462 min Scan# 578
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

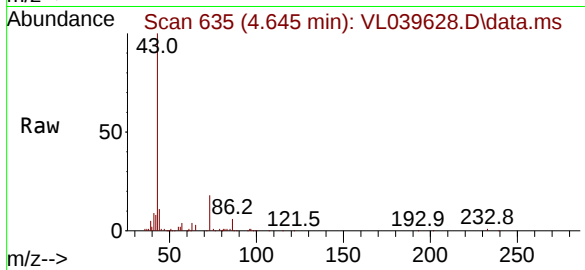
Tgt Ion: 96 Resp: 119944
 Ion Ratio Lower Upper
 96 100
 61 167.5 130.6 195.8
 98 71.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 1.877 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. 0.007 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

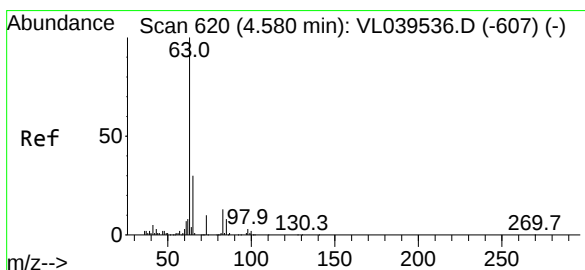
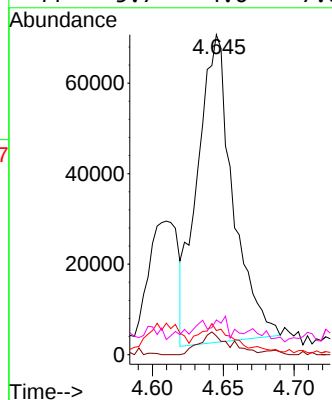
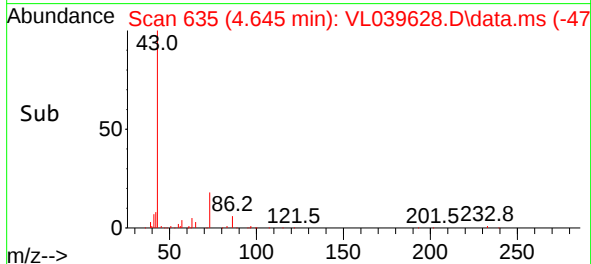
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



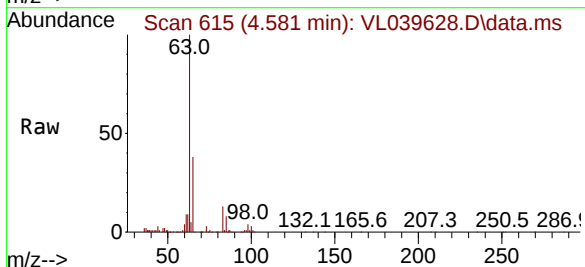
Tgt Ion: 43 Resp: 118009
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.0 7.6
 42 7.0 7.7 11.5
 44 5.7 4.6 7.0

Manual Integrations
 APPROVED

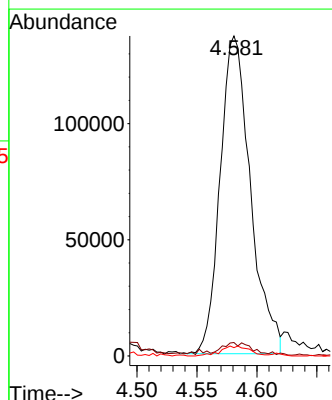
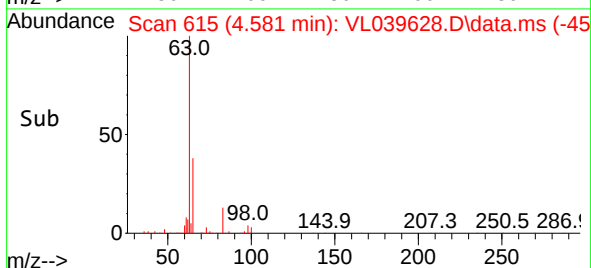
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

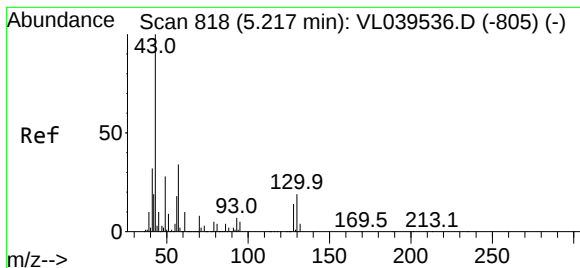


#24
 1,1-Dichloroethane
 Concen: 2.068 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44



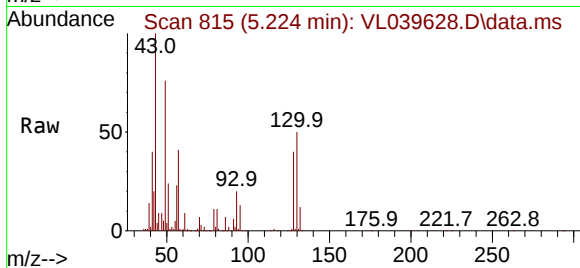
Tgt Ion: 63 Resp: 240664
 Ion Ratio Lower Upper
 63 100
 98 3.3 1.8 5.3
 100 2.3 1.5 4.4





#25
Ethyl Acetate
Concen: 2.201 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

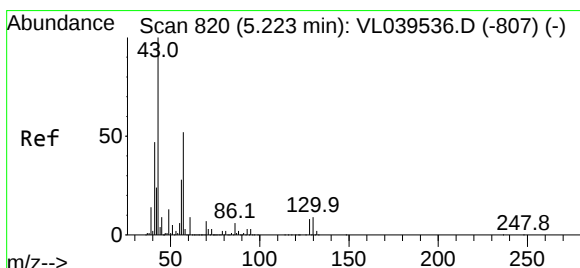
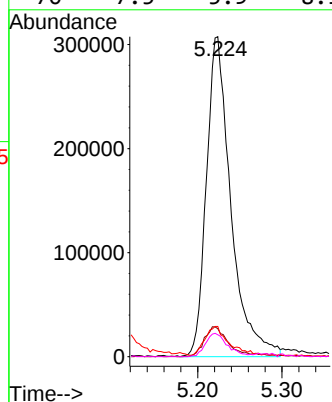
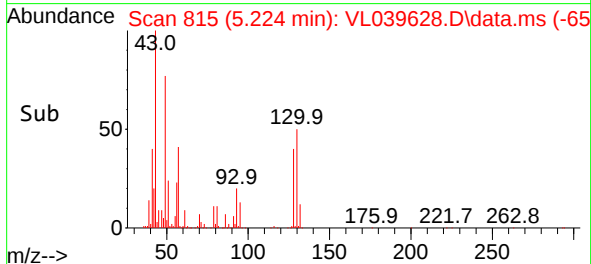
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 62270
Ion Ratio Lower Upper
43 100
45 9.7 8.2 12.4
61 10.5 8.3 12.5
70 7.5 5.9 8.9

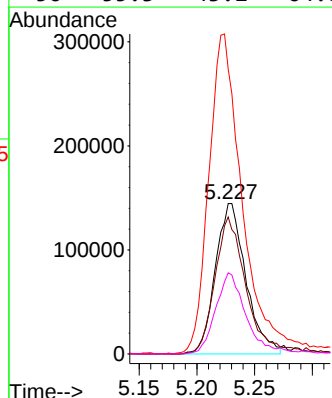
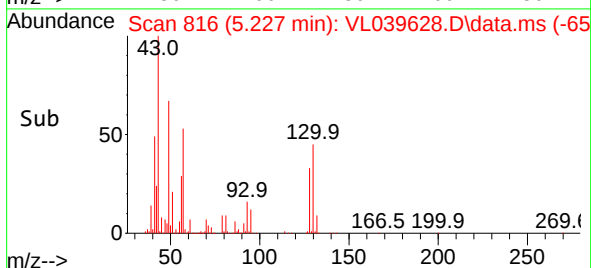
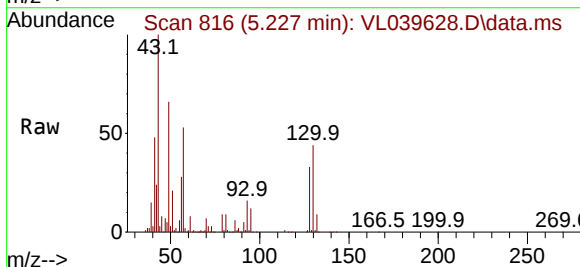
Manual Integrations
APPROVED

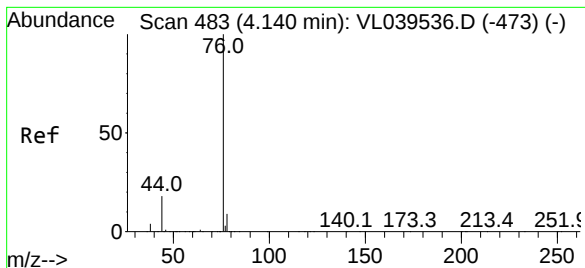
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#26
Hexane
Concen: 2.302 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

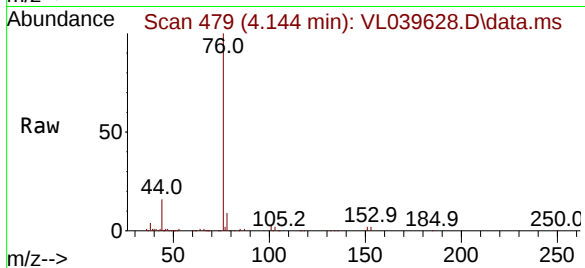
Tgt Ion: 57 Resp: 265764
Ion Ratio Lower Upper
57 100
41 96.1 76.9 115.3
43 243.2 191.0 286.6
56 55.3 43.2 64.8





#27
Carbon Disulfide
Concen: 2.117 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

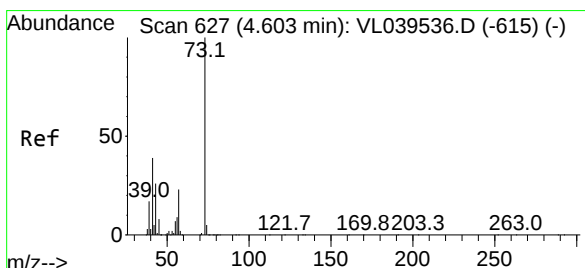
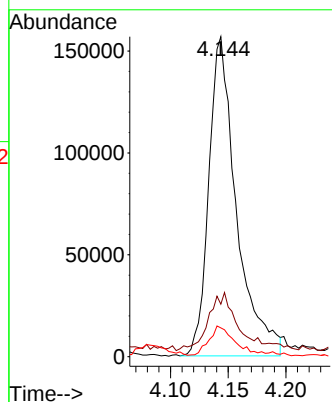
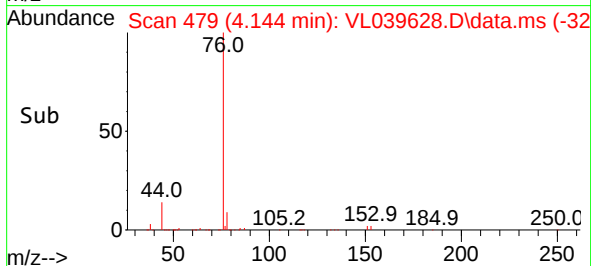
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



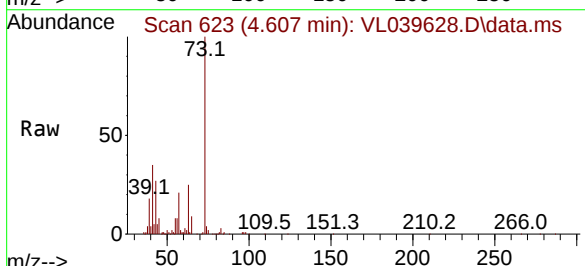
Tgt Ion: 76 Resp: 26115
Ion Ratio Lower Upper
76 100
44 20.5 14.6 21.8
78 10.8 7.8 11.6

Manual Integrations
APPROVED

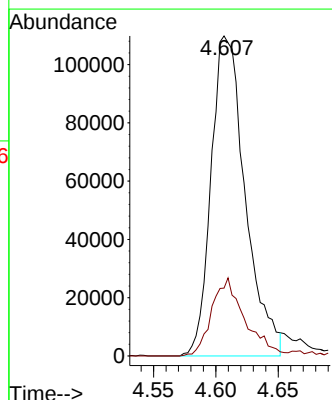
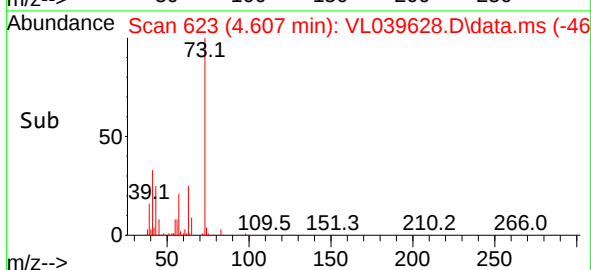
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

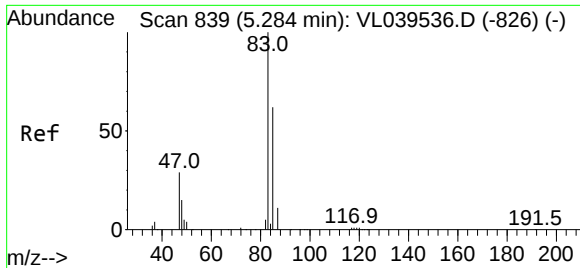


#28
Methyl tert-Butyl Ether
Concen: 2.109 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



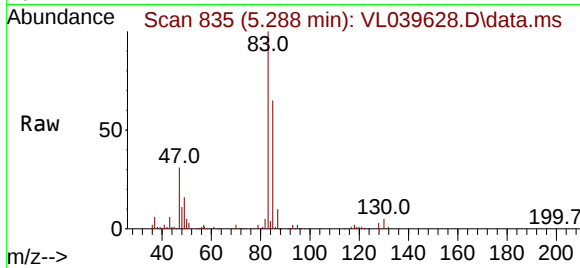
Tgt Ion: 73 Resp: 210054
Ion Ratio Lower Upper
73 100
57 24.9 19.8 29.8





#29
Chloroform
Concen: 2.003 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

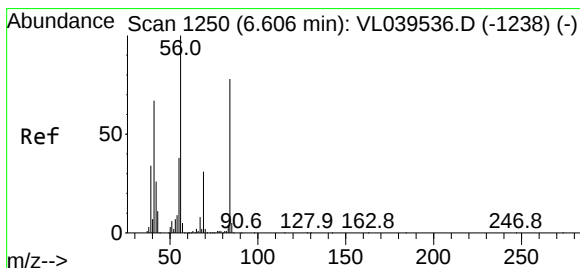
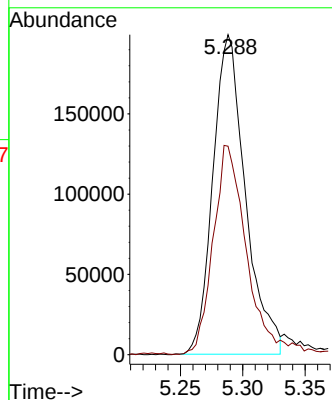
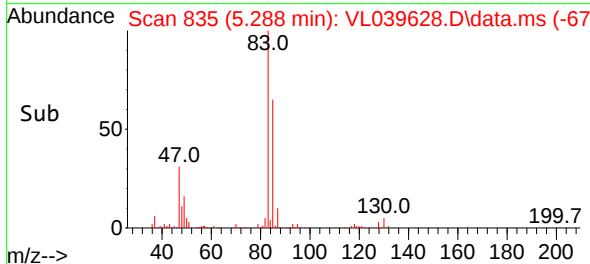
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



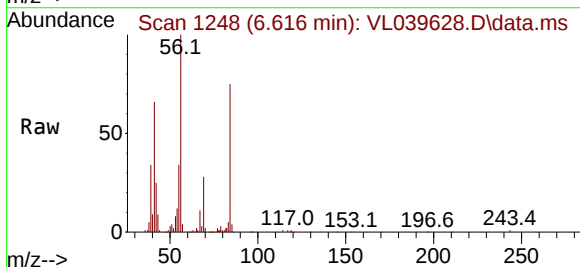
Tgt Ion: 83 Resp: 36164
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2

Manual Integrations
APPROVED

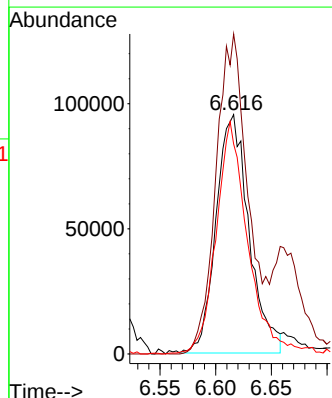
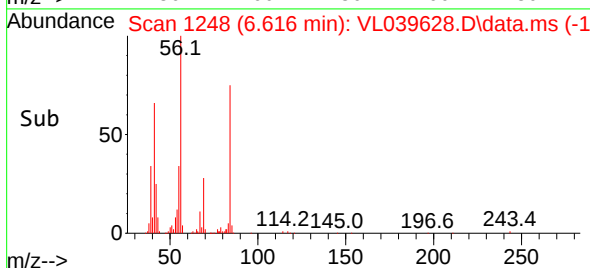
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

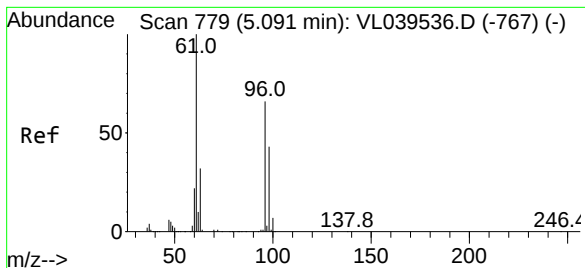


#30
Cyclohexane
Concen: 2.050 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.010 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



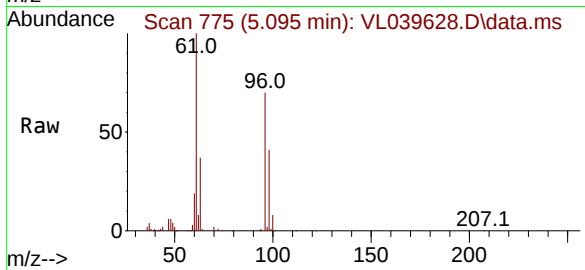
Tgt Ion: 84 Resp: 196026
Ion Ratio Lower Upper
84 100
56 132.0 107.7 161.5
41 94.5 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 2.036 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

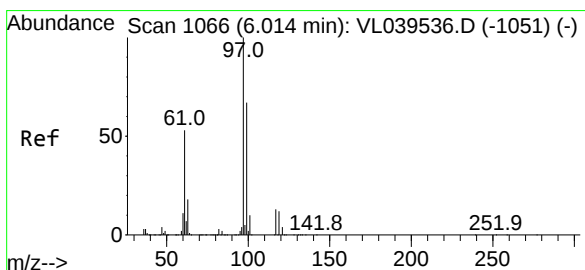
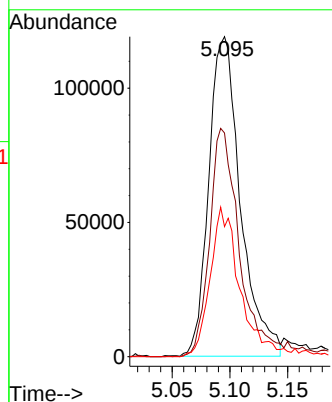
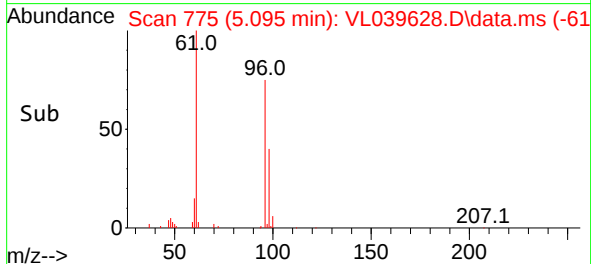
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



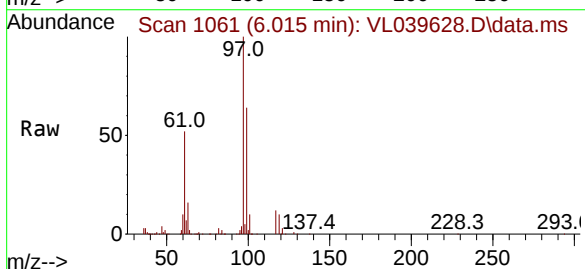
Tgt Ion: 61 Resp: 227699
 Ion Ratio Lower Upper
 61 100
 96 70.0 54.1 81.1
 98 40.7 34.6 52.0

Manual Integrations
 APPROVED

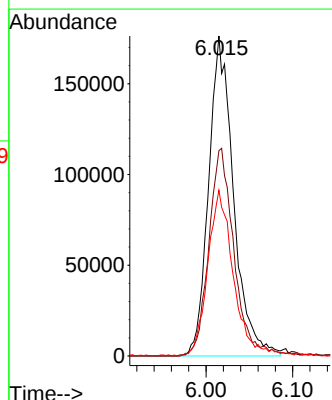
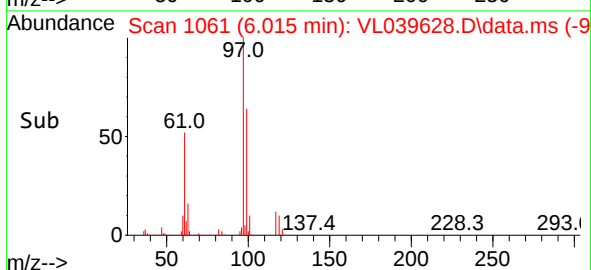
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

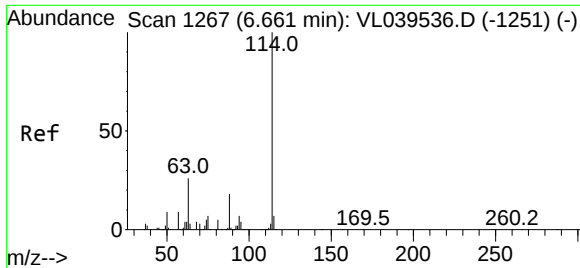


#32
 1,1,1-Trichloroethane
 Concen: 2.219 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44



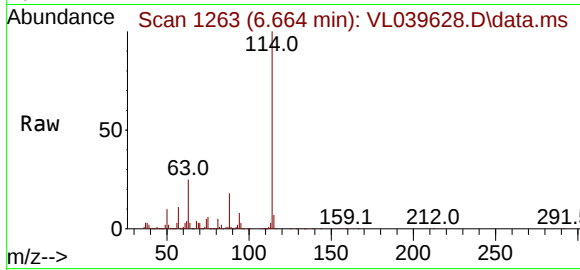
Tgt Ion: 97 Resp: 352470
 Ion Ratio Lower Upper
 97 100
 99 66.2 52.3 78.5
 61 53.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

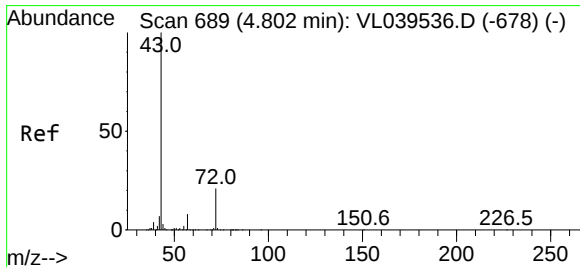
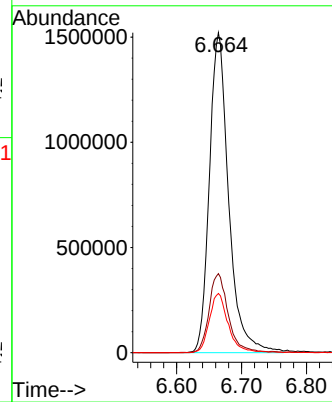
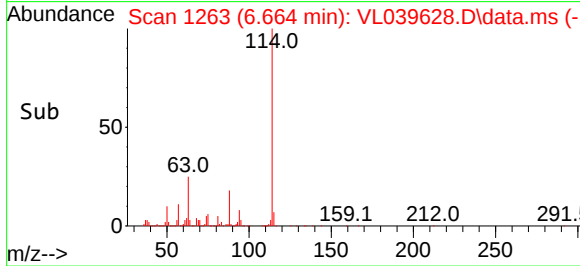
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:114 Resp: 313645
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.3 14.5 21.7

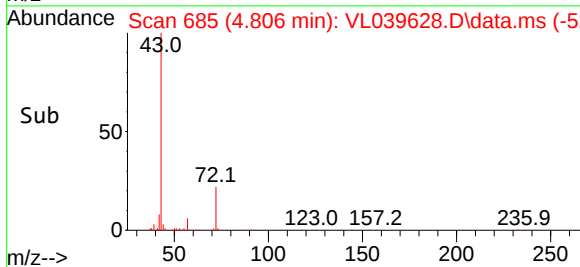
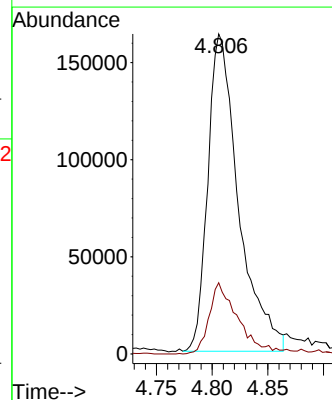
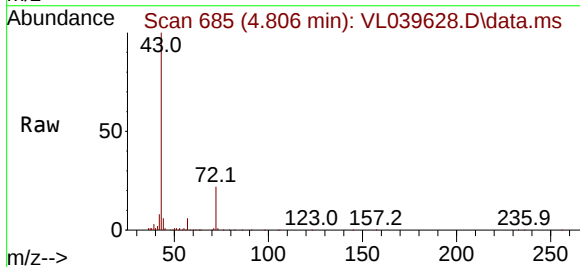
Manual Integrations
APPROVED

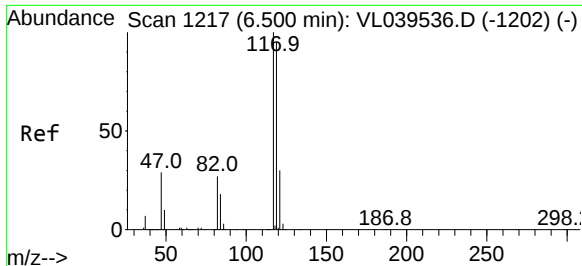
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#34
2-Butanone
Concen: 2.013 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

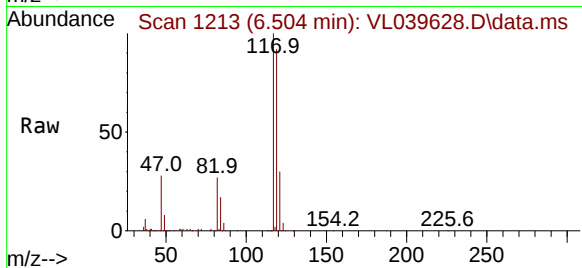
Tgt Ion: 43 Resp: 313824
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9





#35
Carbon Tetrachloride
Concen: 2.130 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

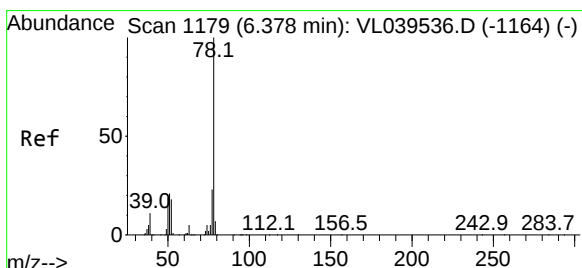
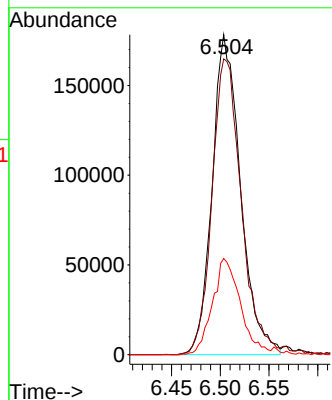
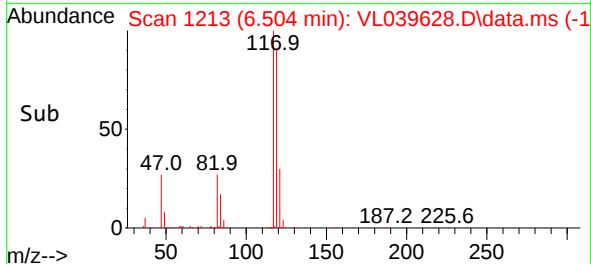
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 117 Resp: 361107
Ion Ratio Lower Upper
117 100
119 92.2 75.4 113.2
121 30.1 24.2 36.2

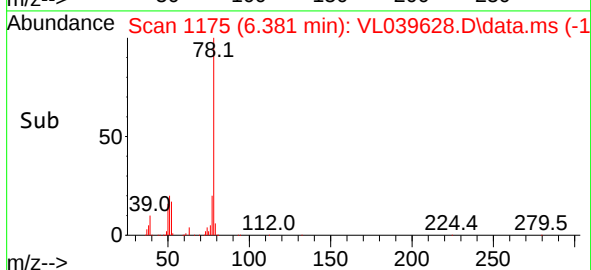
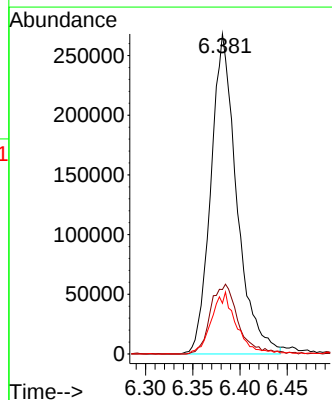
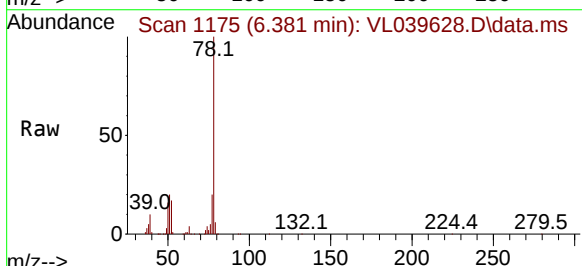
Manual Integrations
APPROVED

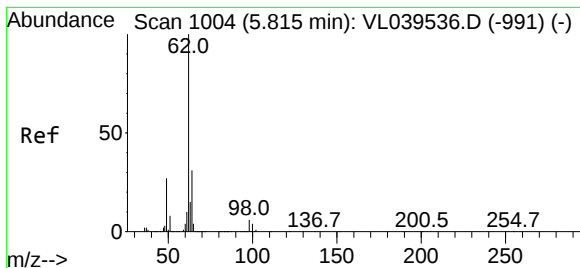
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#36
Benzene
Concen: 2.141 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion: 78 Resp: 511771
Ion Ratio Lower Upper
78 100
77 20.1 20.3 30.5#
50 15.8 15.5 23.3





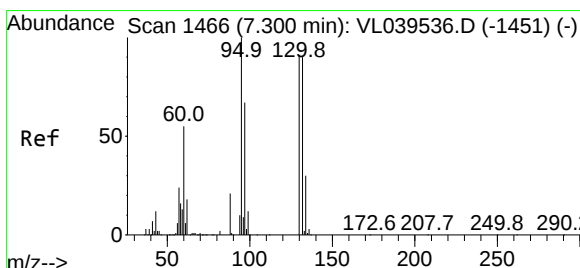
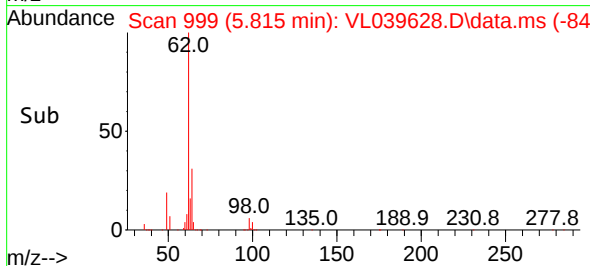
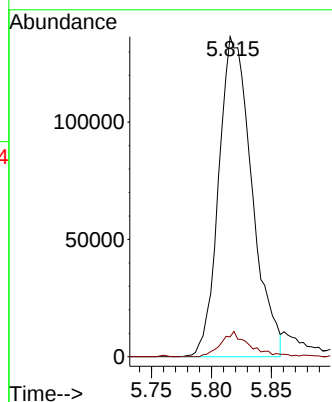
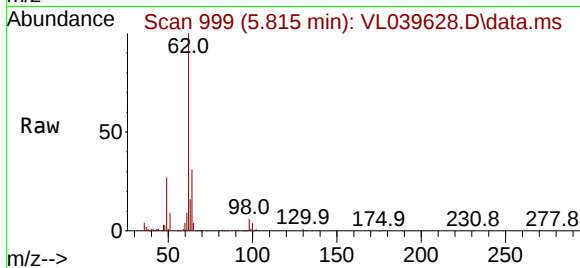
#37
1,2-Dichloroethane
Concen: 1.990 ppbv
RT: 5.815 min Scan# 999
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 262039
Ion Ratio Lower Upper
62 100
98 7.0 5.1 7.7

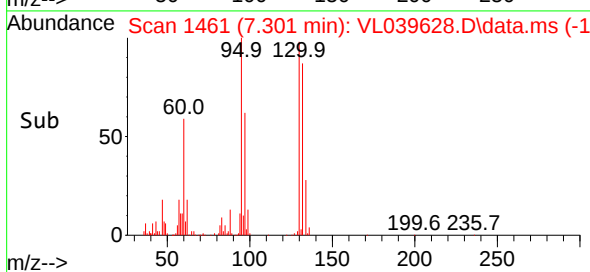
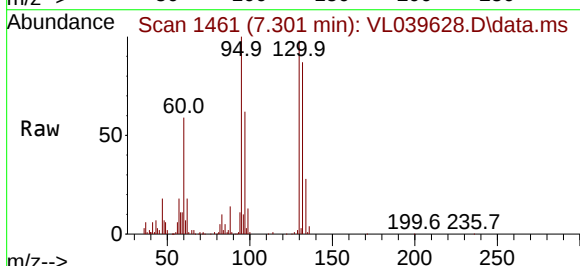
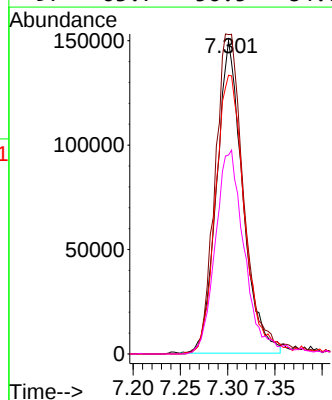
Manual Integrations
APPROVED

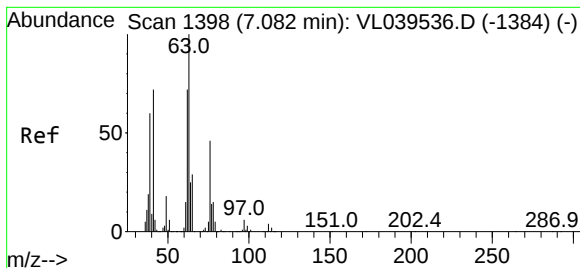
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#38
Trichloroethene
Concen: 2.240 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

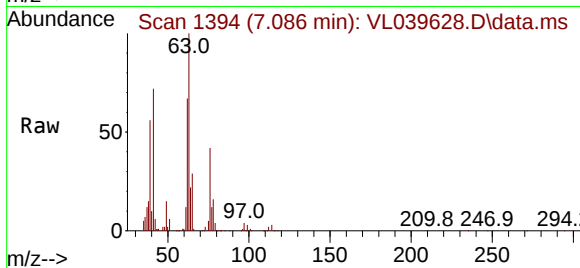
Tgt Ion:130 Resp: 286901
Ion Ratio Lower Upper
130 100
95 102.2 87.3 130.9
132 89.2 76.7 115.1
97 63.7 56.5 84.7





#39
1,2-Dichloropropane
Concen: 2.158 ppbv
RT: 7.086 min Scan# 1398
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

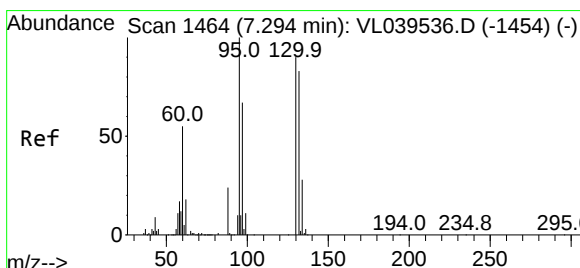
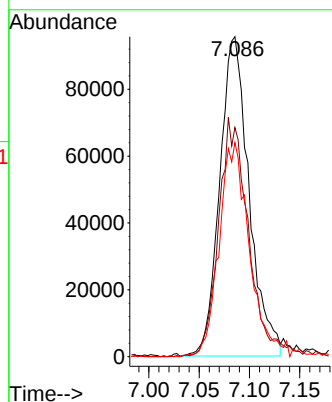
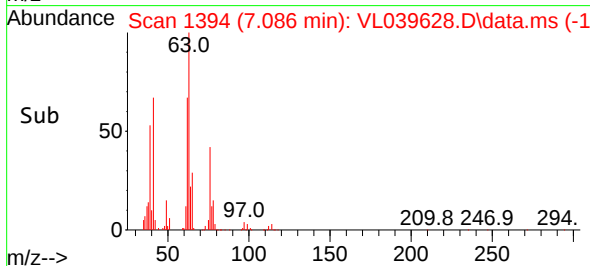
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 63 Resp: 193990
Ion Ratio Lower Upper
63 100
41 71.9 59.6 89.4
62 67.2 51.4 77.0

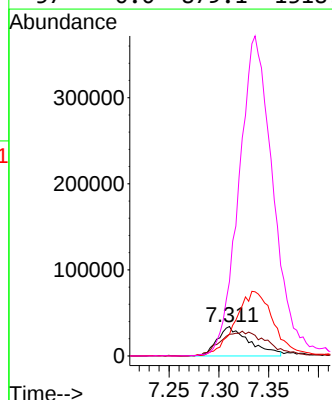
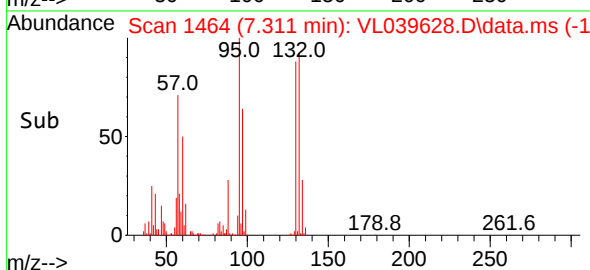
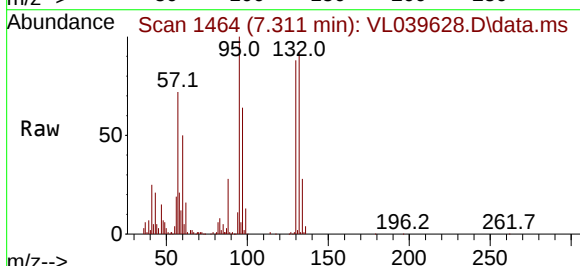
Manual Integrations
APPROVED

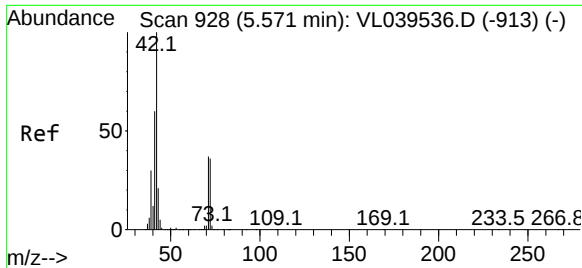
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#40
1,4-Dioxane
Concen: 2.190 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. 0.017 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

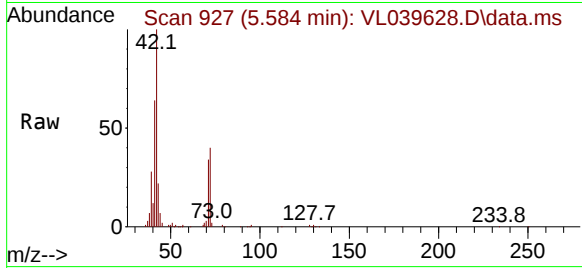
Tgt Ion: 88 Resp: 77077
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 2.093 ppbv
RT: 5.584 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

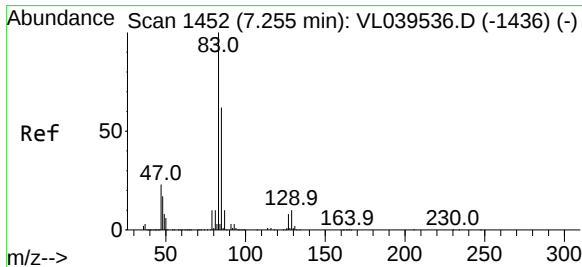
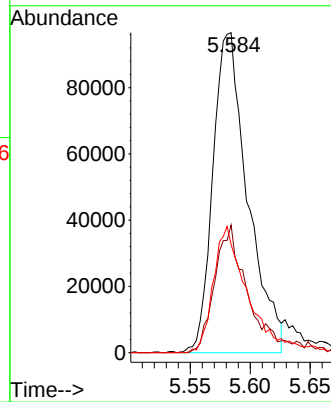
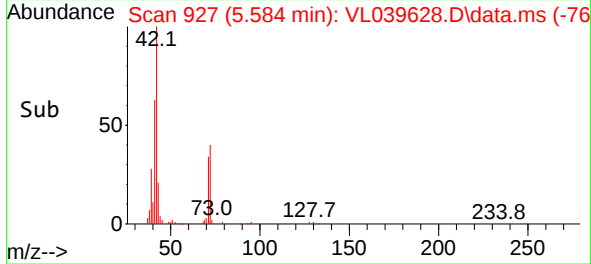
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 42 Resp: 19498
Ion Ratio Lower Upper
42 100
72 40.3 31.8 47.8
71 39.9 31.8 47.8

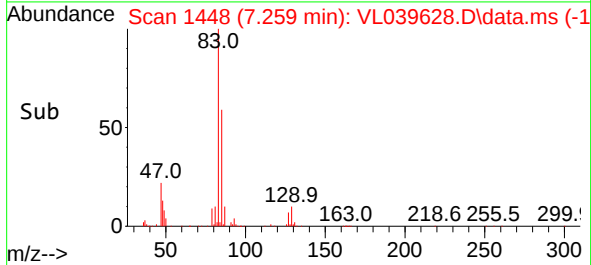
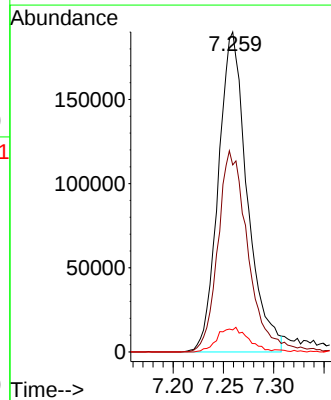
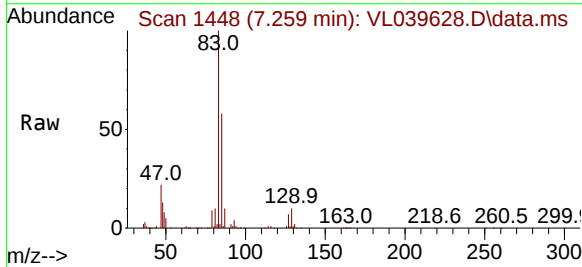
Manual Integrations
APPROVED

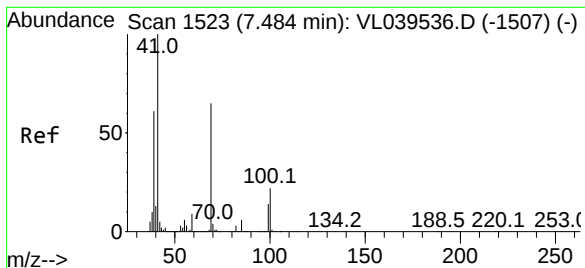
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#42
Bromodichloromethane
Concen: 2.109 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

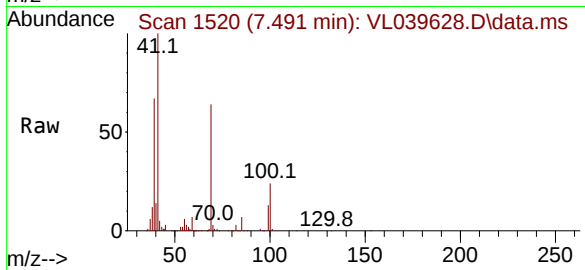
Tgt Ion: 83 Resp: 379980
Ion Ratio Lower Upper
83 100
85 58.5 50.7 76.1
127 6.9 6.6 9.8





#43
Methyl Methacrylate
Concen: 2.182 ppbv
RT: 7.491 min Scan# 1520
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

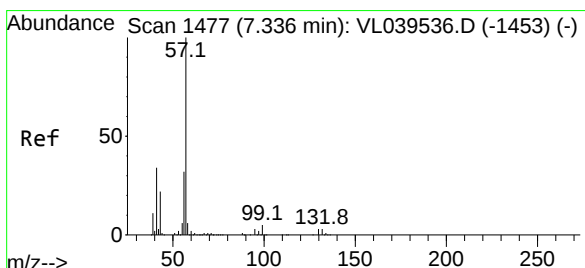
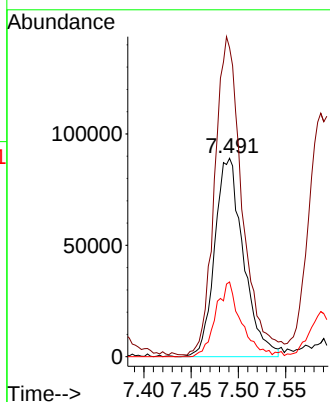
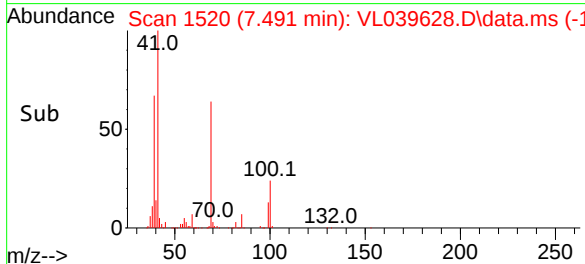
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 69 Resp: 188094
Ion Ratio Lower Upper
69 100
41 153.3 120.8 181.2
100 33.8 27.8 41.6

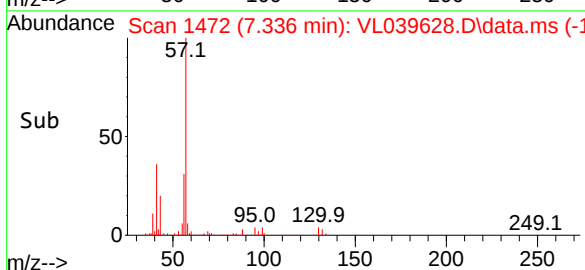
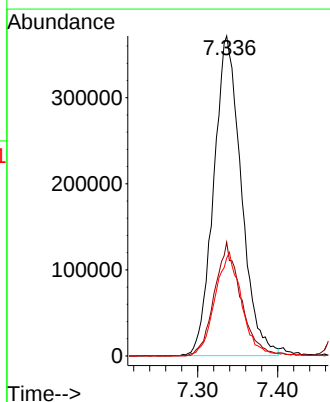
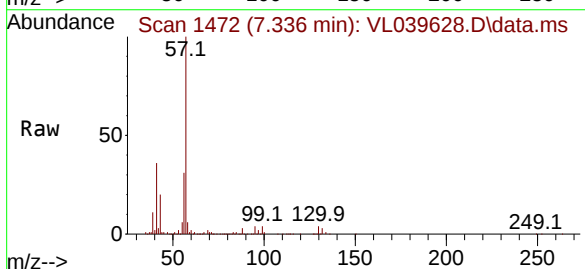
Manual Integrations
APPROVED

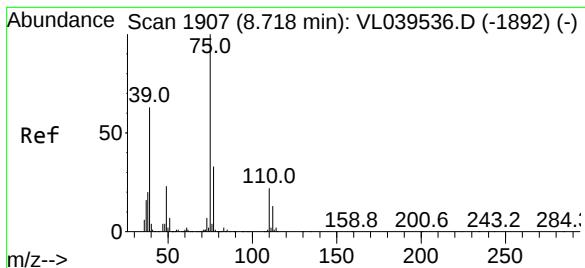
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#44
2,2,4-Trimethylpentane
Concen: 2.202 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

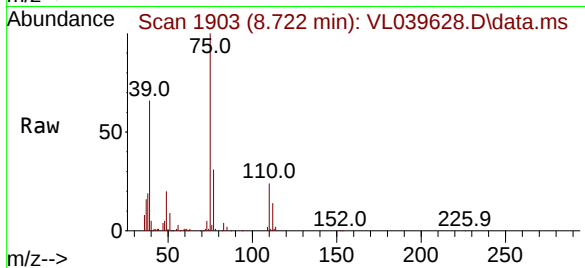
Tgt Ion: 57 Resp: 887328
Ion Ratio Lower Upper
57 100
41 34.5 27.4 41.2
56 31.7 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 1.967 ppbv
RT: 8.722 min Scan# 1907
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

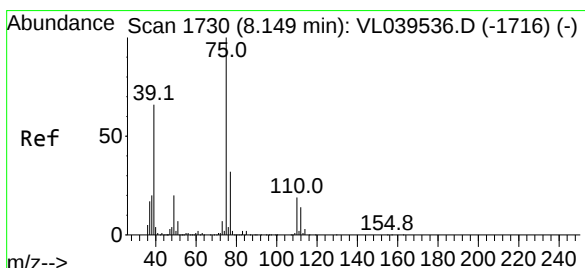
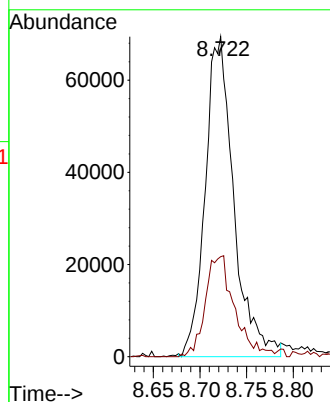
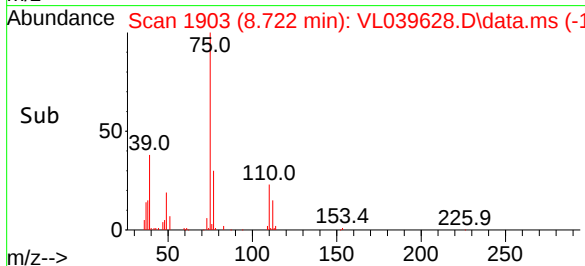
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



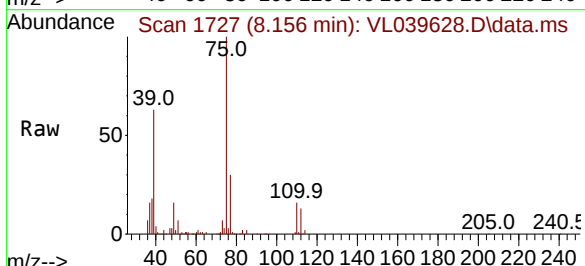
Tgt Ion: 75 Resp: 147652
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8

Manual Integrations
APPROVED

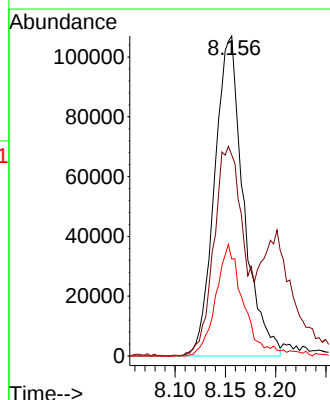
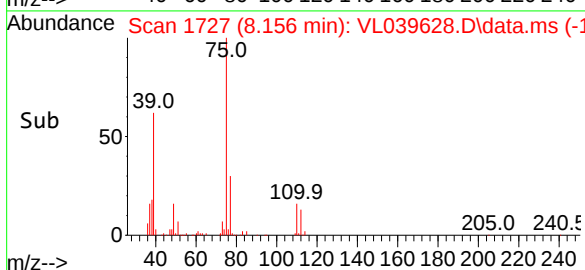
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

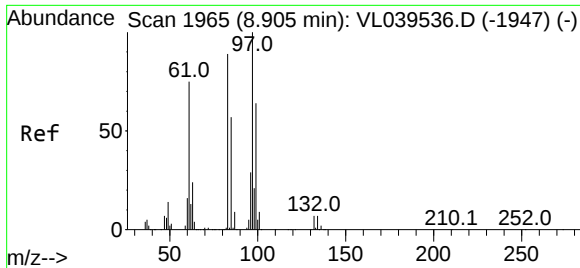


#46
cis-1,3-Dichloropropene
Concen: 2.063 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



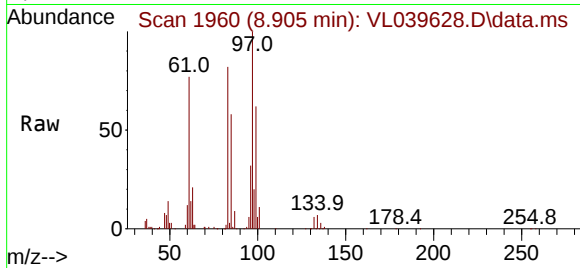
Tgt Ion: 75 Resp: 214541
Ion Ratio Lower Upper
75 100
39 62.6 55.0 82.4
77 30.3 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 2.070 ppbv
RT: 8.905 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

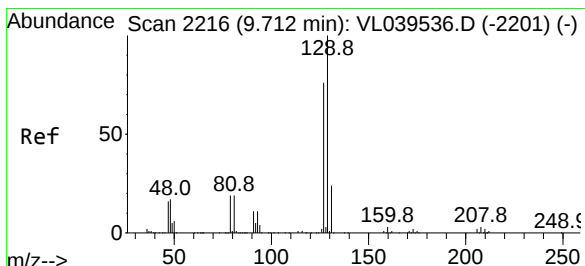
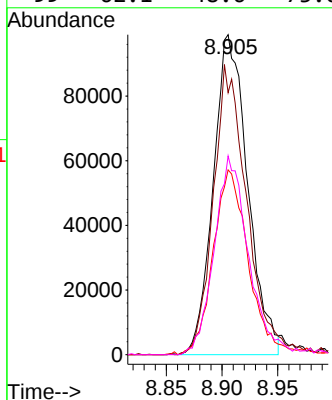
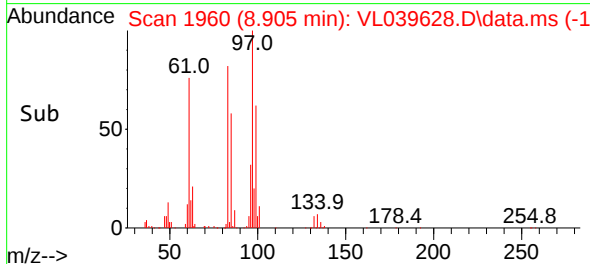
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



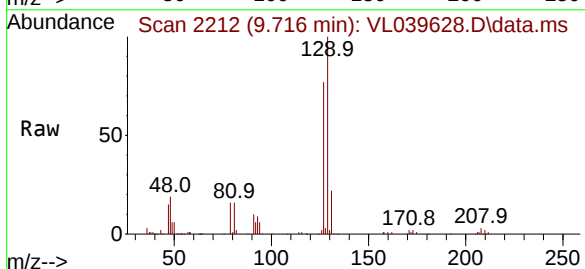
Tgt Ion: 97 Resp: 21253
Ion Ratio Lower Upper
97 100
83 81.9 67.4 101.0
85 57.8 45.1 67.7
99 62.1 48.6 73.0

Manual Integrations
APPROVED

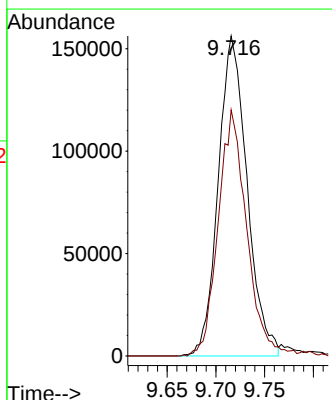
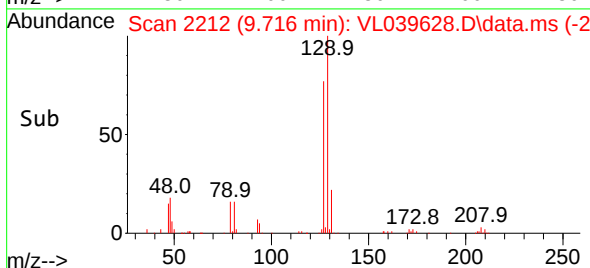
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

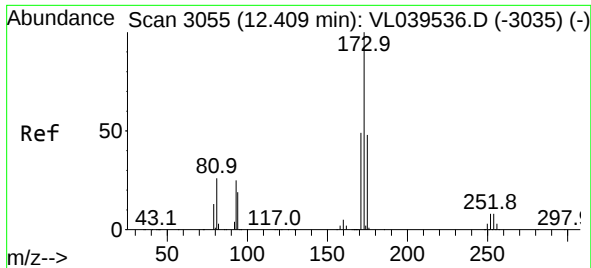


#48
Dibromochloromethane
Concen: 2.125 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



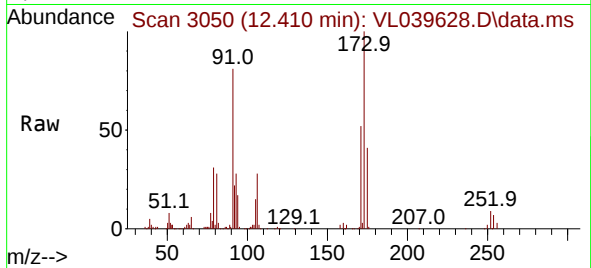
Tgt Ion:129 Resp: 321508
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9





#49
Bromoform
Concen: 2.004 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

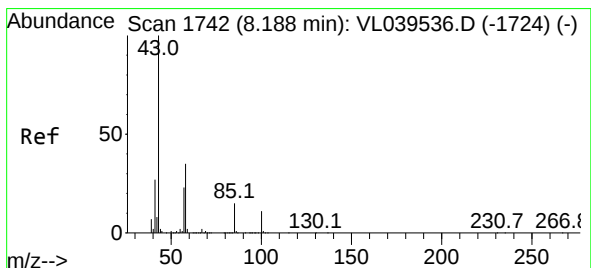
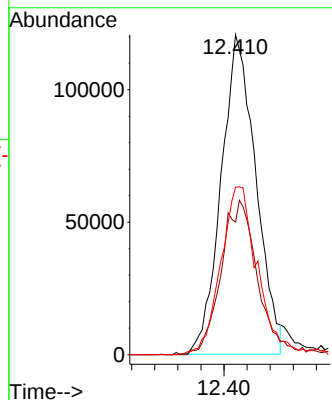
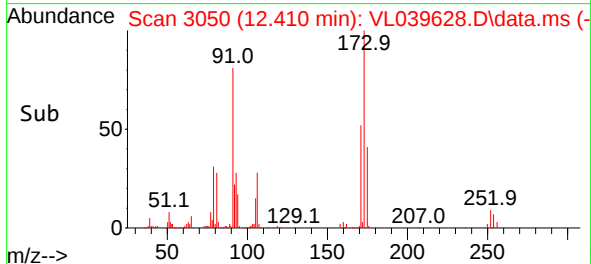
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



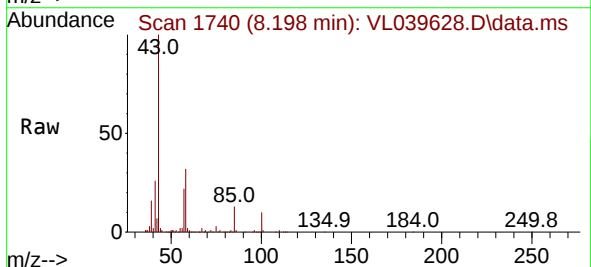
Tgt Ion: 173 Resp: 251150
Ion Ratio Lower Upper
173 100
175 51.5 40.3 60.5
171 56.0 42.9 64.3

Manual Integrations
APPROVED

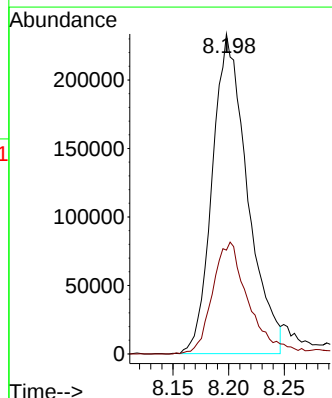
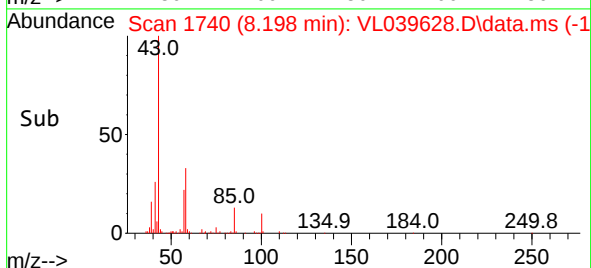
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

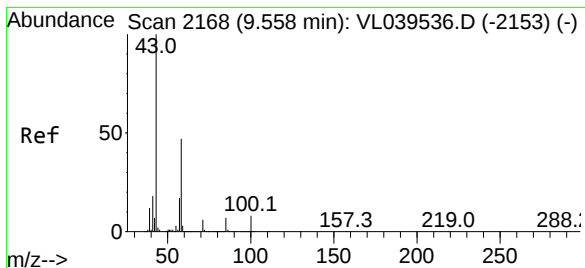


#50
4-Methyl-2-Pentanone
Concen: 2.106 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.010 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



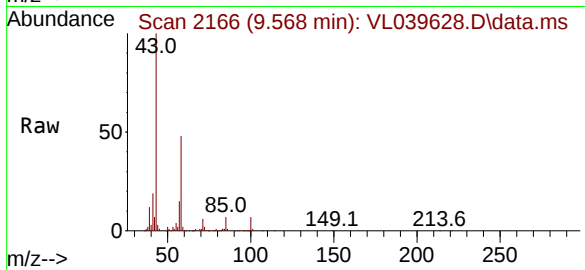
Tgt Ion: 43 Resp: 511676
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2





#51
2-Hexanone
Concen: 2.064 ppbv
RT: 9.568 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

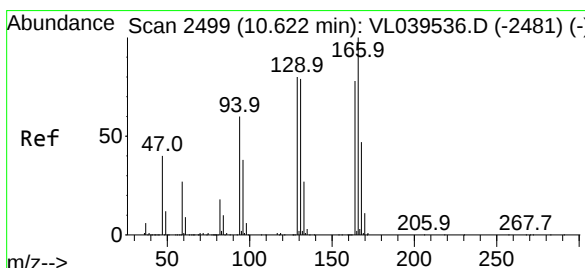
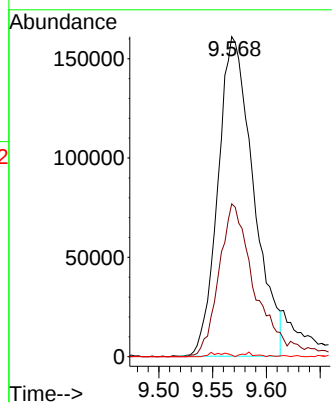
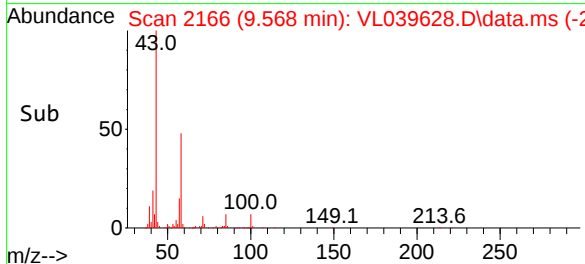
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



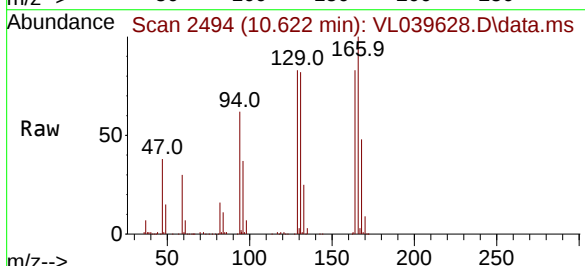
Tgt Ion: 43 Resp: 369085
Ion Ratio Lower Upper
43 100
58 50.9 38.4 57.6
98 0.5 0.3 0.5

Manual Integrations
APPROVED

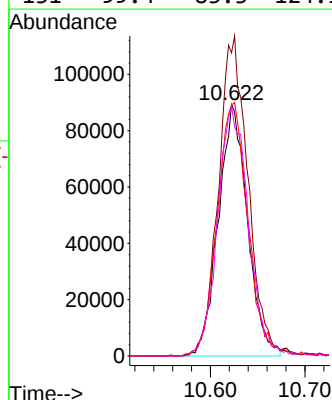
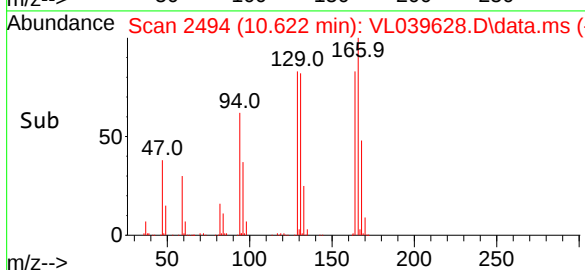
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

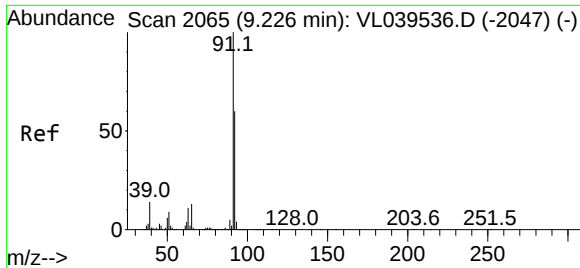


#52
Tetrachloroethene
Concen: 2.118 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



Tgt Ion:164 Resp: 191599
Ion Ratio Lower Upper
164 100
166 120.5 102.2 153.2
129 99.7 85.8 128.8
131 99.4 83.3 124.9





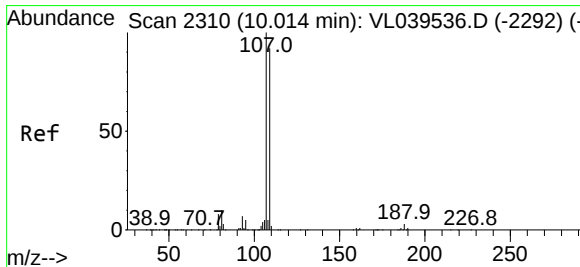
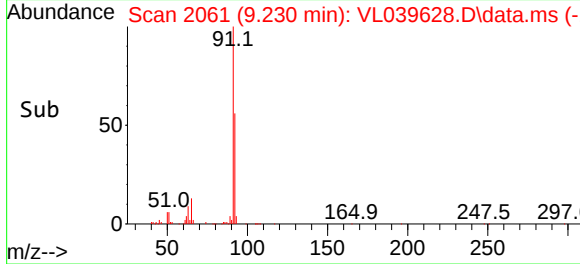
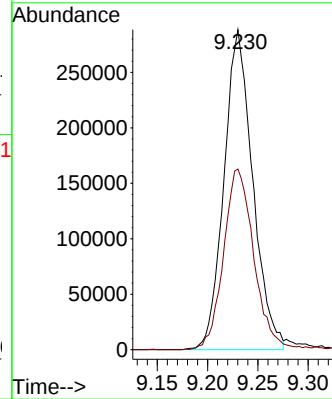
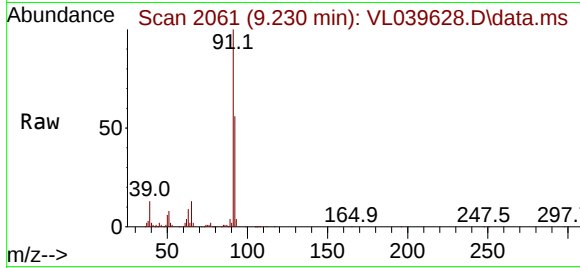
#53
Toluene
Concen: 2.145 ppbv
RT: 9.230 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 574084
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2

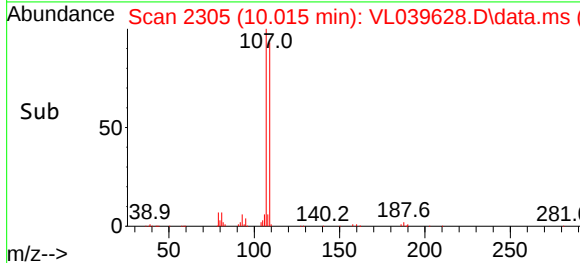
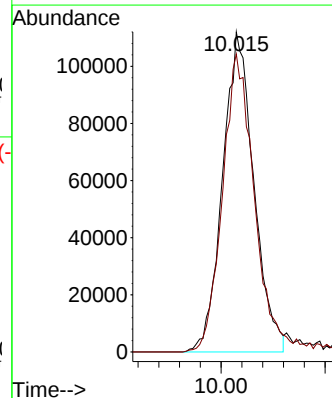
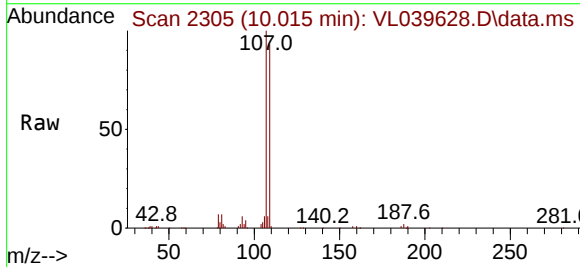
Manual Integrations
APPROVED

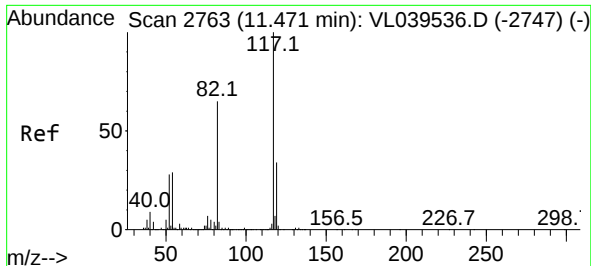
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#54
1,2-Dibromoethane
Concen: 2.031 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

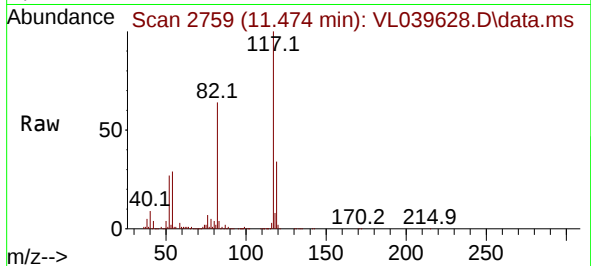
Tgt Ion:107 Resp: 233208
Ion Ratio Lower Upper
107 100
109 93.1 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2763
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

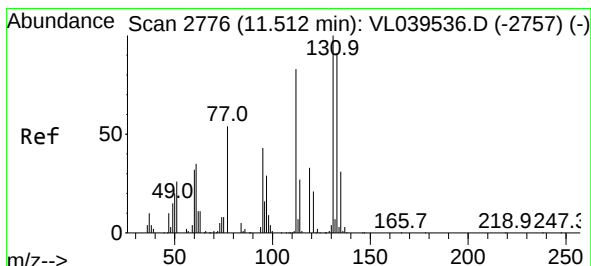
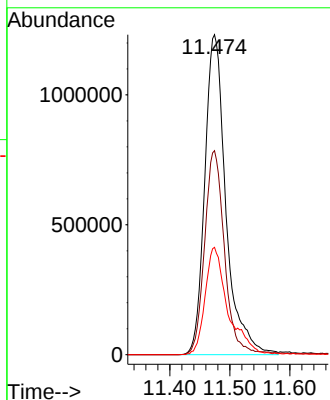
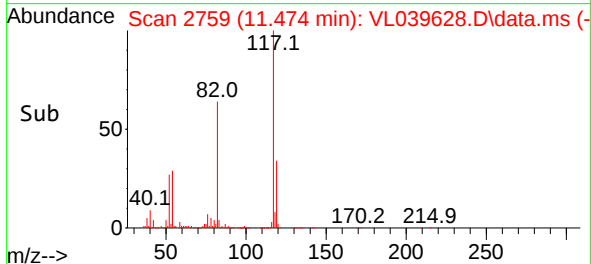
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:117 Resp: 302495
Ion Ratio Lower Upper
117 100
82 60.7 50.8 76.2
119 36.8 24.1 36.1

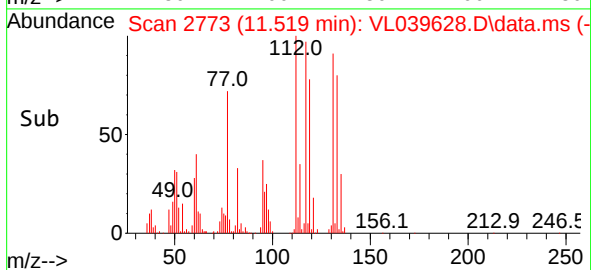
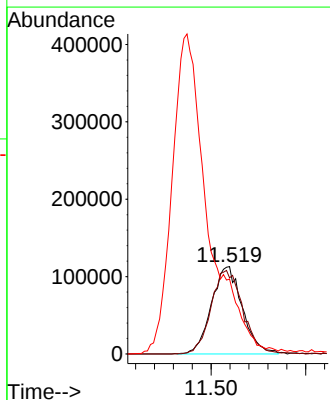
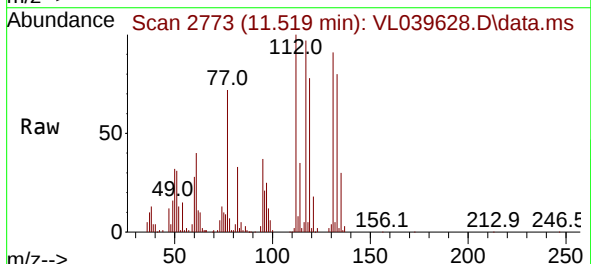
Manual Integrations
APPROVED

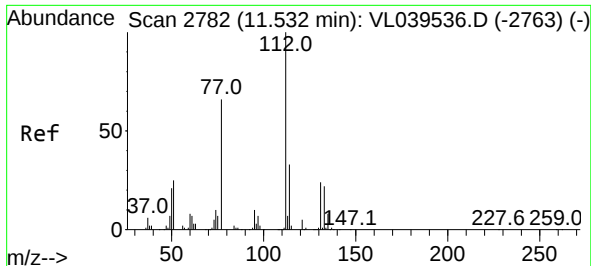
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 2.083 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion:131 Resp: 256007
Ion Ratio Lower Upper
131 100
133 98.7 76.8 115.2
119 433.3 46.2 69.4





#57

Chlorobenzene

Concen: 2.071 ppbv

RT: 11.532 min Scan# 21

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

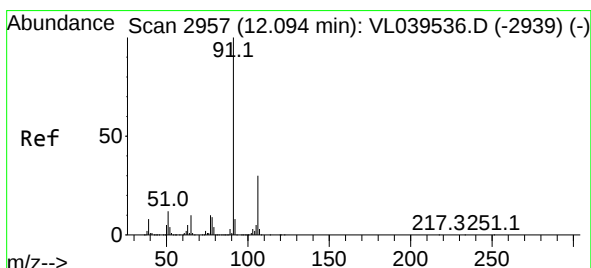
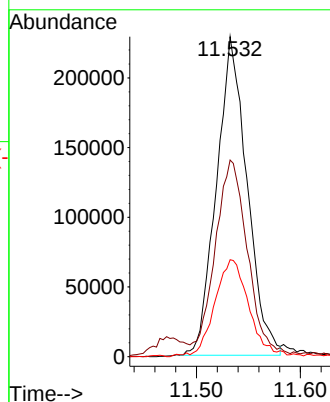
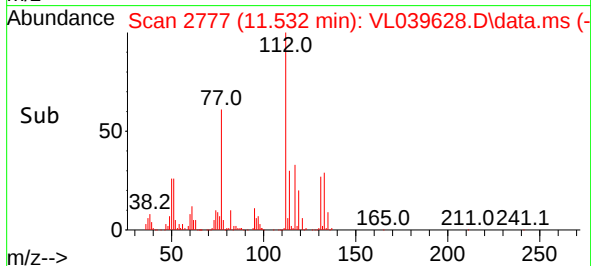
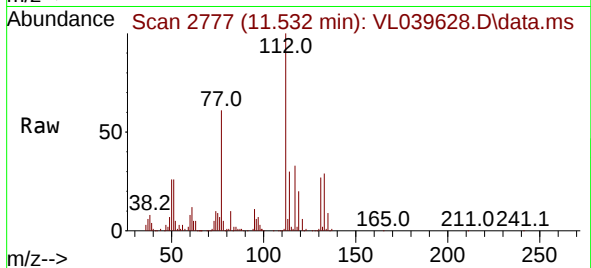
Tgt Ion:112	Resp: 467280
Ion Ratio	Lower Upper
112 100	
77 58.9	51.0 76.4
114 29.8	27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#58

Ethyl Benzene

Concen: 2.225 ppbv

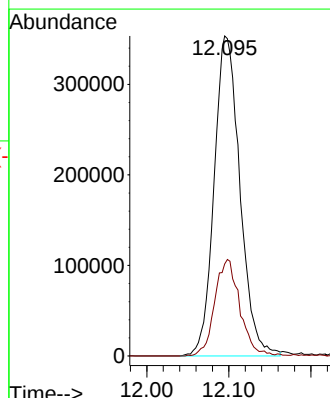
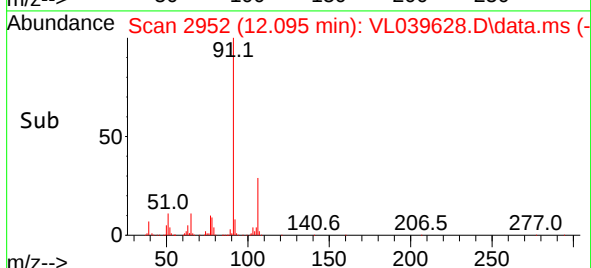
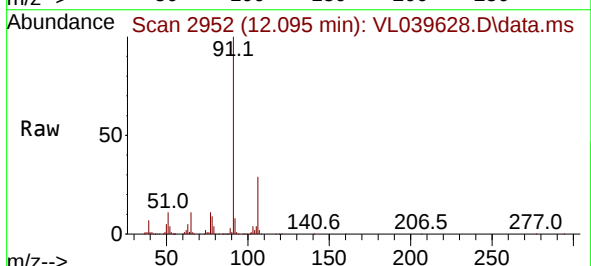
RT: 12.095 min Scan# 2952

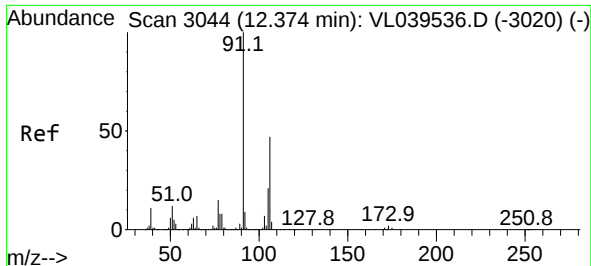
Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

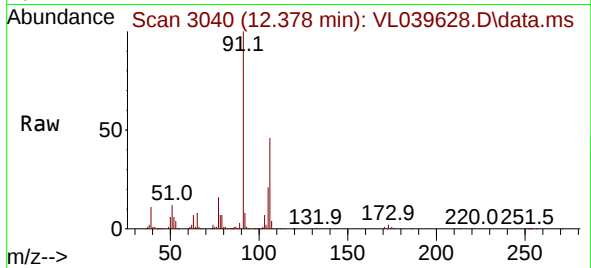
Tgt Ion: 91	Resp: 773280
Ion Ratio	Lower Upper
91 100	
106 28.7	25.4 38.0





#59
m/p-Xylene
Concen: 4.315 ppbv m
RT: 12.378 min Scan# 3044
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

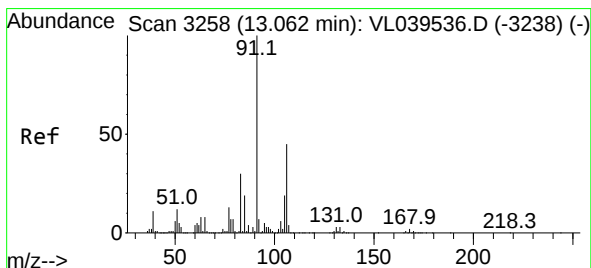
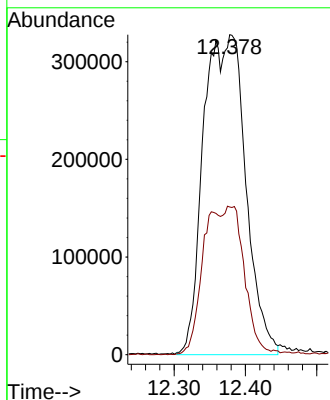
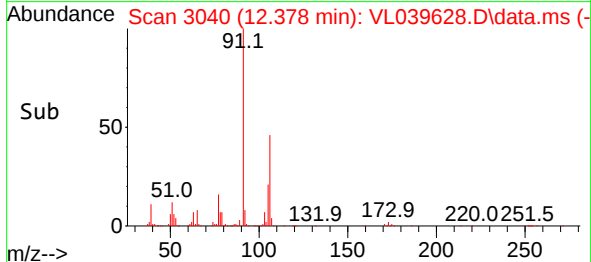
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



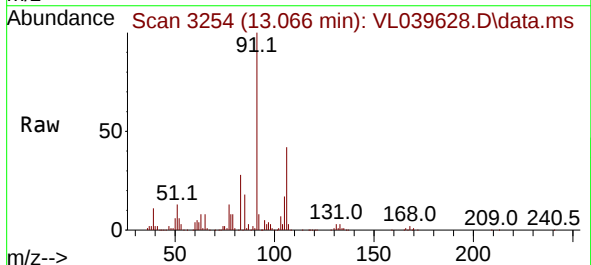
Tgt Ion: 91 Resp: 134548
Ion Ratio Lower Upper
91 100
106 45.1 35.4 53.2

Manual Integrations
APPROVED

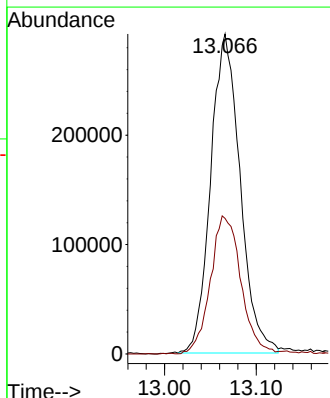
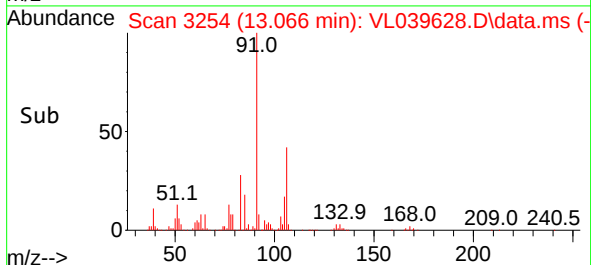
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

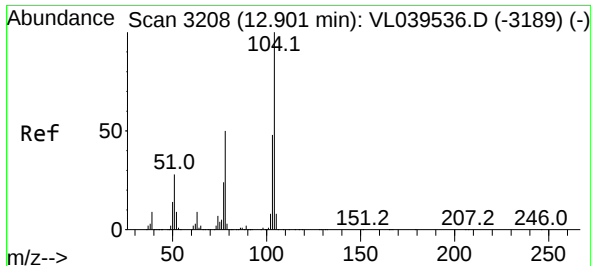


#60
o-Xylene
Concen: 2.173 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



Tgt Ion: 91 Resp: 650279
Ion Ratio Lower Upper
91 100
106 45.5 22.4 67.3





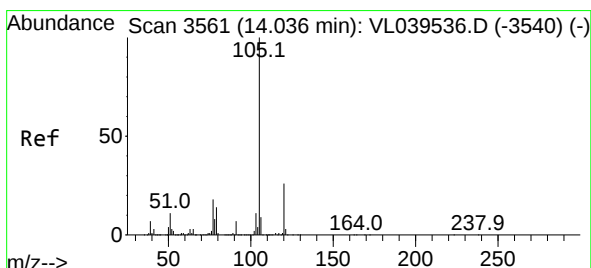
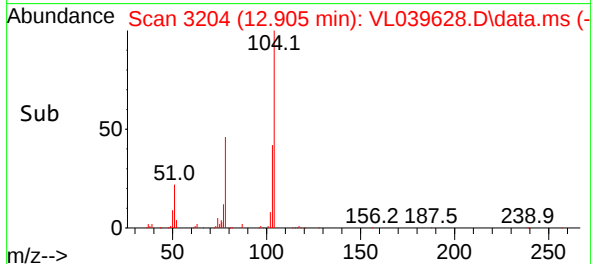
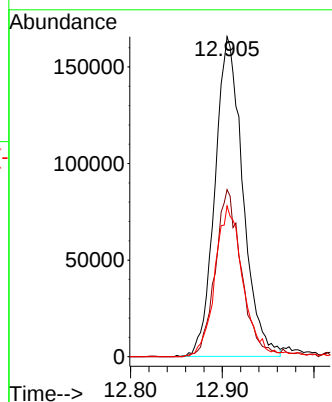
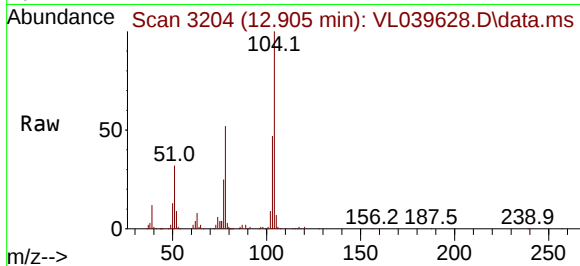
#61
Styrene
Concen: 2.191 ppbv
RT: 12.905 min Scan# 3189
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:104 Resp: 349189
Ion Ratio Lower Upper
104 100
78 50.5 41.2 61.8
103 48.3 38.7 58.1

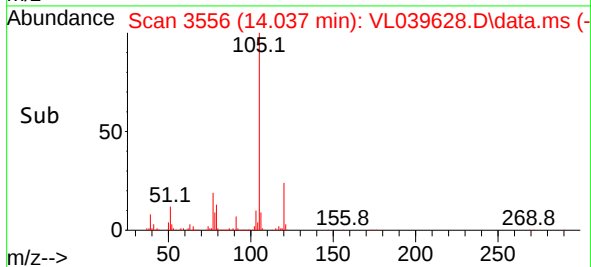
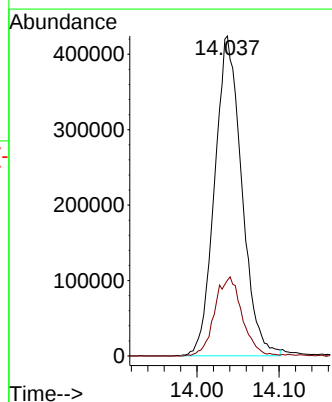
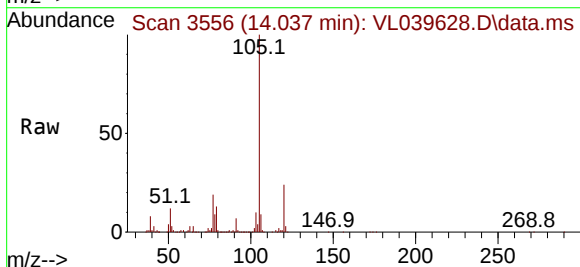
Manual Integrations
APPROVED

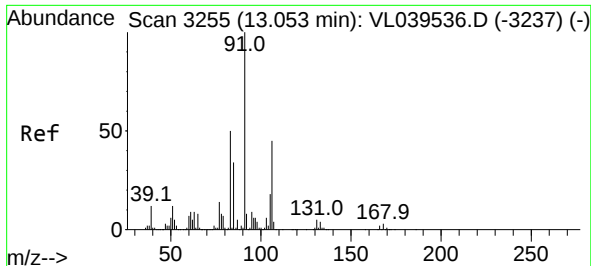
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#62
Isopropylbenzene
Concen: 2.152 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

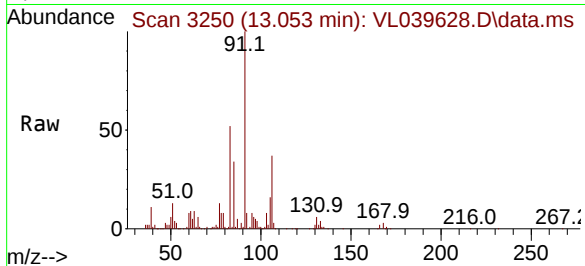
Tgt Ion:105 Resp: 973909
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 1.850 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

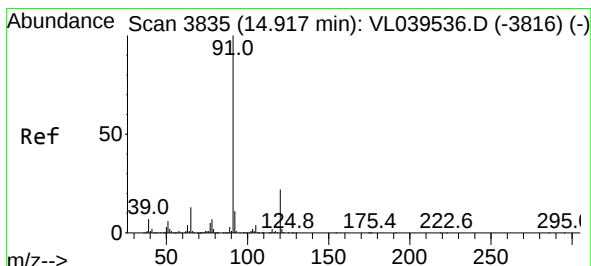
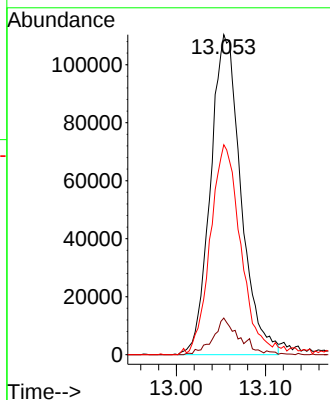
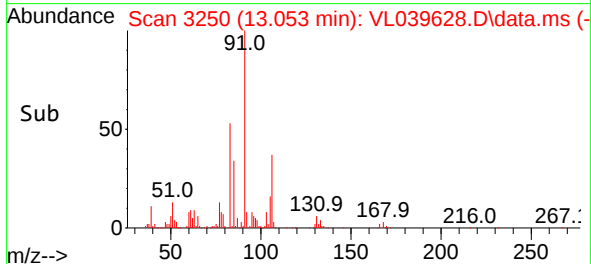
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



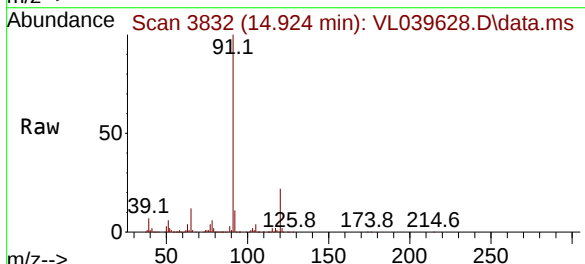
Tgt Ion: 83 Resp: 262164
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 67.8 33.1 99.5

Manual Integrations
APPROVED

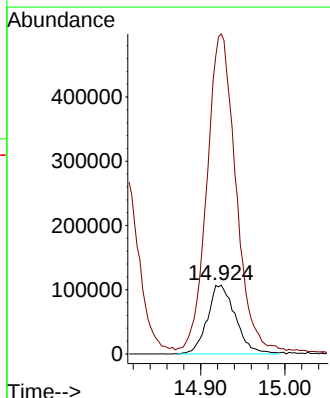
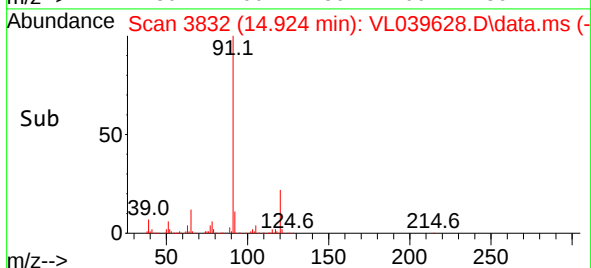
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

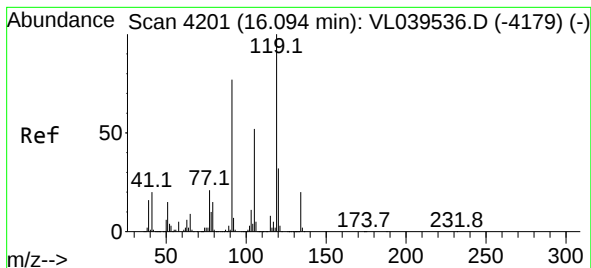


#64
n-propylbenzene
Concen: 2.105 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



Tgt Ion:120 Resp: 247646
Ion Ratio Lower Upper
120 100
91 484.3 367.2 550.8





#65

tert-Butylbenzene

Concen: 2.225 ppbv

RT: 16.095 min Scan# 41

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

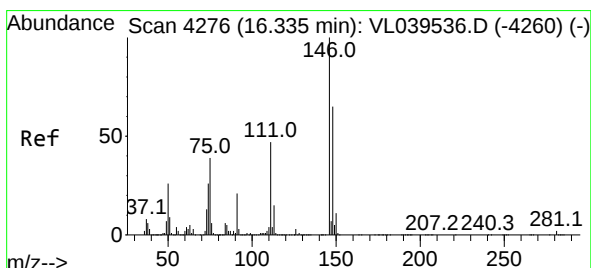
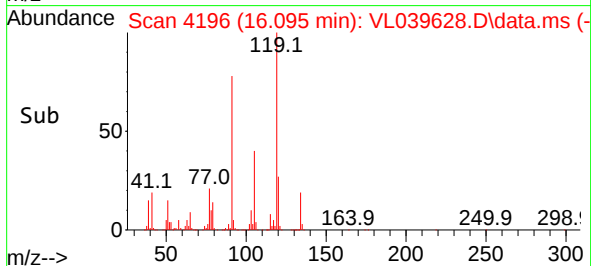
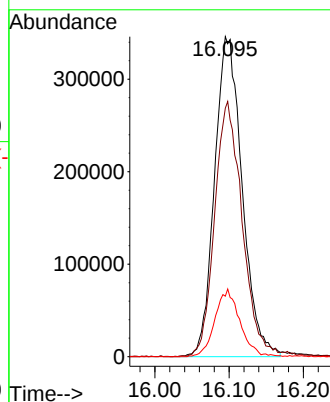
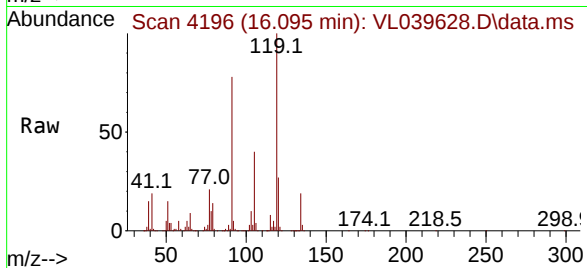
Tgt Ion:	119	Resp:	89516
Ion Ratio	Lower	Upper	
119	100		
91	80.4	63.4	95.2
134	19.1	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#66

Benzyl Chloride

Concen: 1.755 ppbv m

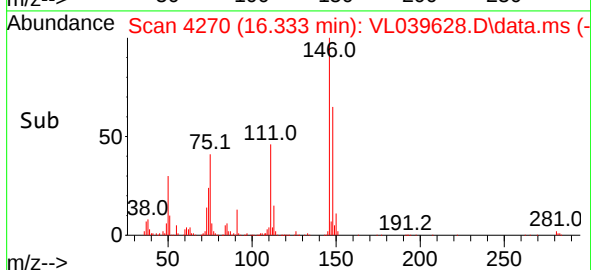
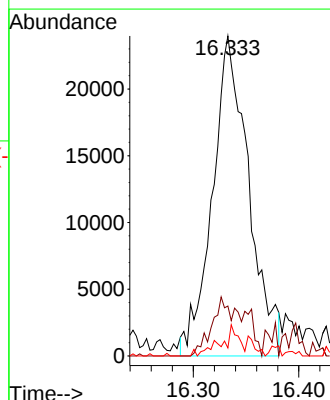
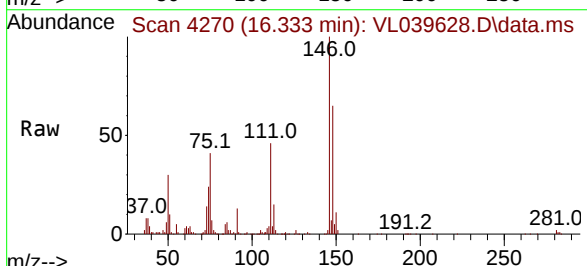
RT: 16.333 min Scan# 4270

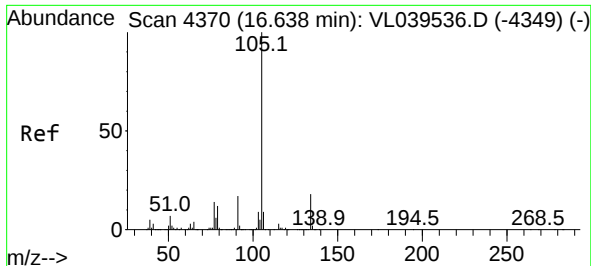
Delta R.T. -0.003 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

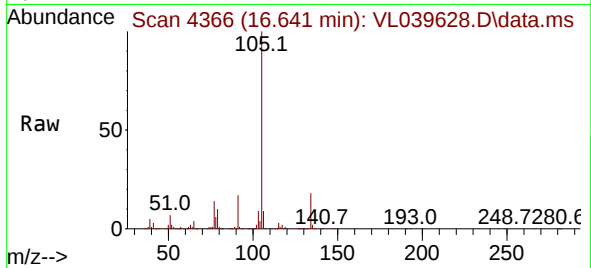
Tgt Ion:	91	Resp:	57367
Ion Ratio	Lower	Upper	
91	100		
126	19.9	13.1	19.7
128	6.0	4.4	6.6





#67
 sec-Butylbenzene
 Concen: 2.182 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44

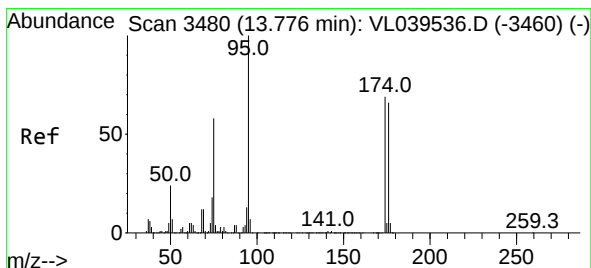
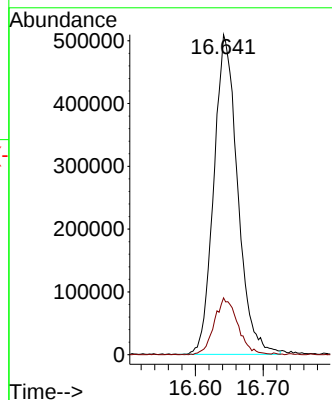
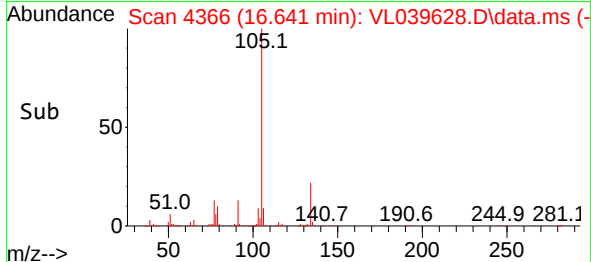
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



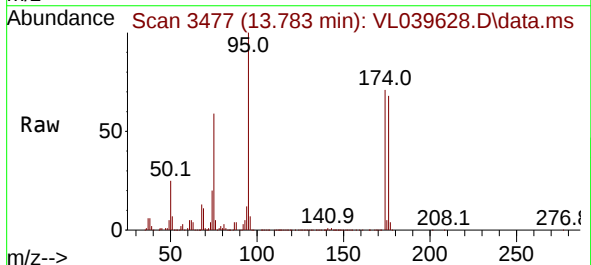
Tgt Ion:105 Resp: 124329
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.8 22.2

Manual Integrations
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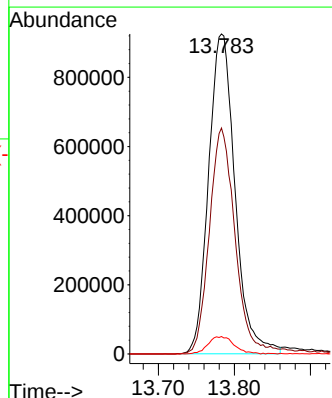
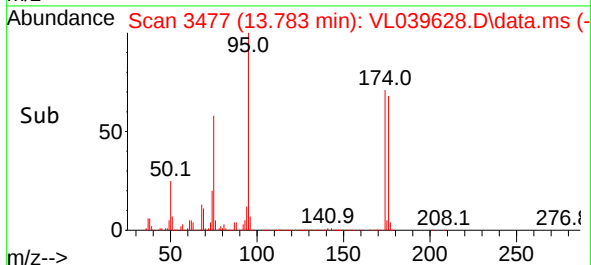
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

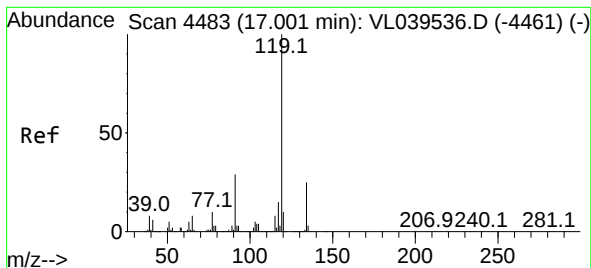


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.786 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039628.D
 Acq: 19 Sep 2022 9:44



Tgt Ion: 95 Resp: 2233180
 Ion Ratio Lower Upper
 95 100
 174 70.7 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 2.199 ppbv m

RT: 17.002 min Scan# 44

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 119 Resp: 104018

Ion Ratio Lower Upper

119 100

134 24.7 20.3 30.5

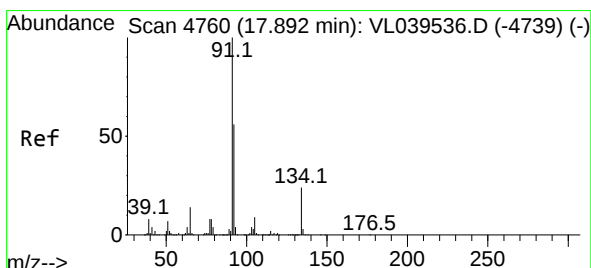
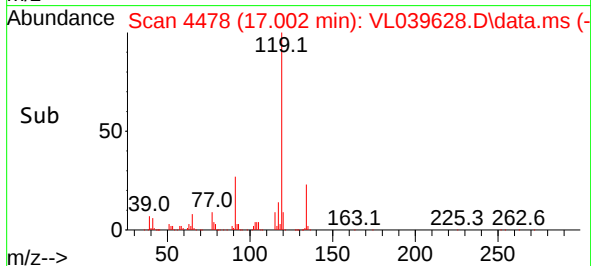
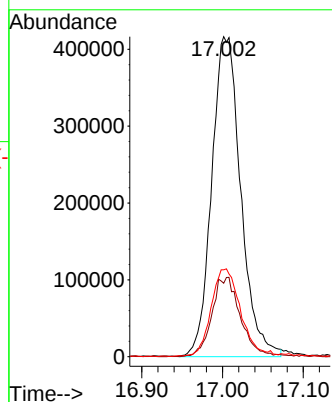
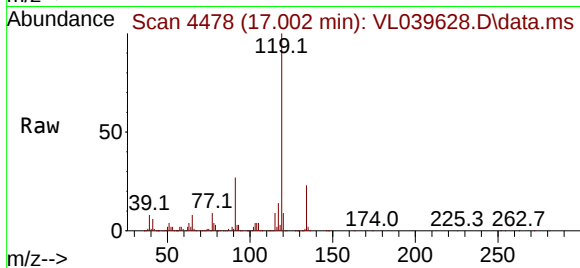
91 0.0 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#70

n-Butylbenzene

Concen: 2.119 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

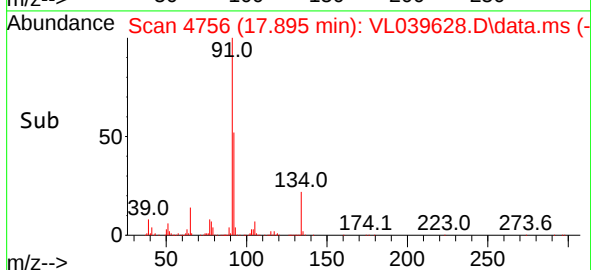
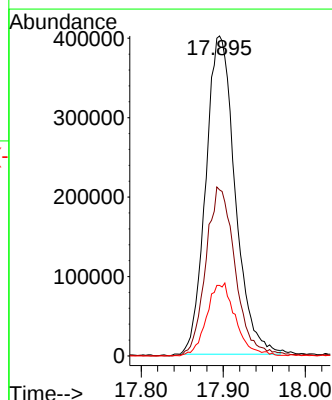
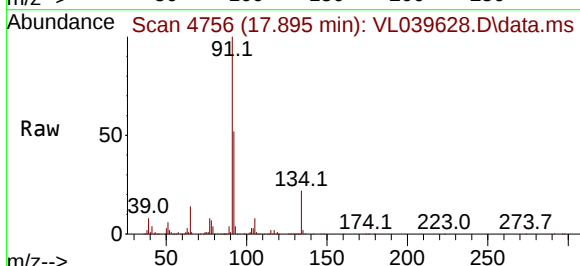
Tgt Ion: 91 Resp: 997282

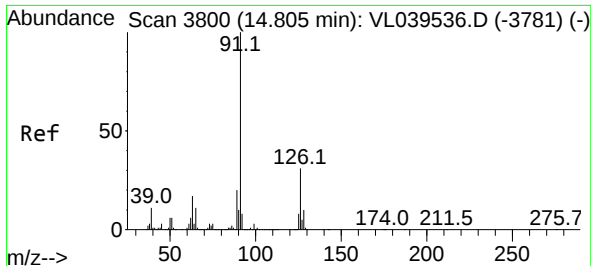
Ion Ratio Lower Upper

91 100

92 53.8 43.4 65.2

134 22.8 18.9 28.3





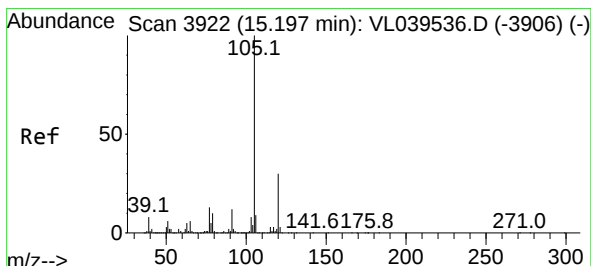
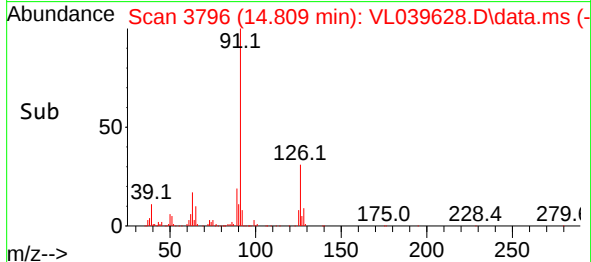
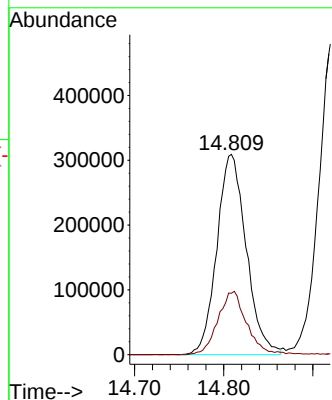
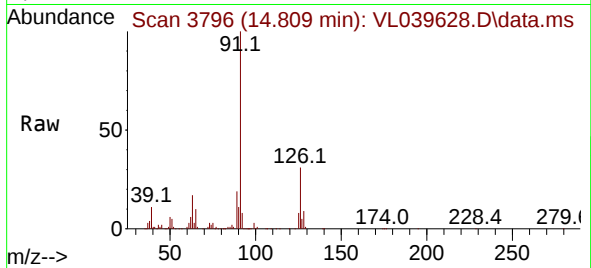
#71
2-Chlorotoluene
Concen: 2.158 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 707440
Ion Ratio Lower Upper
91 100
126 31.2 13.0 51.8

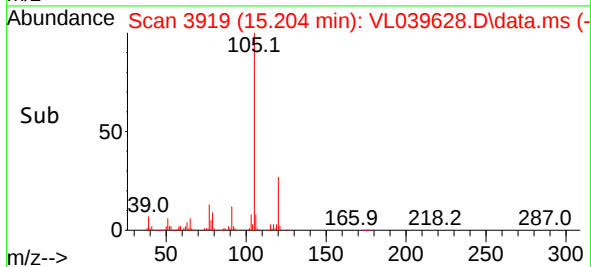
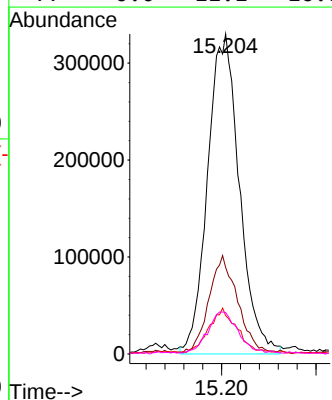
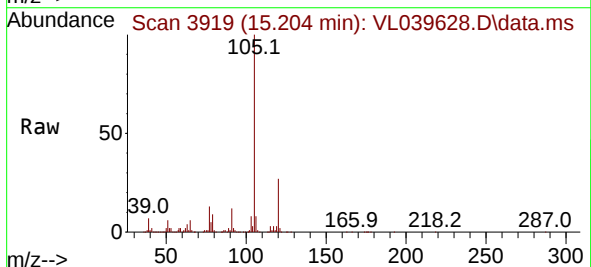
Manual Integrations
APPROVED

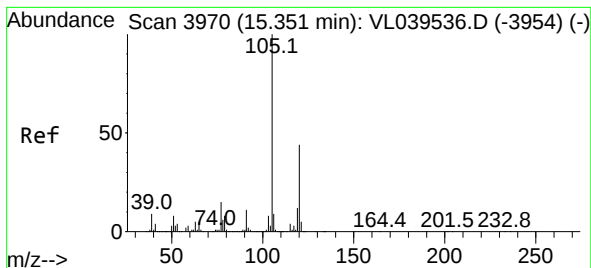
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#72
4-Ethyltoluene
Concen: 2.203 ppbv m
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

Tgt Ion:105 Resp: 771034
Ion Ratio Lower Upper
105 100
120 28.6 24.2 36.2
91 13.0 10.2 15.4
77 0.0 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 2.158 ppbv

RT: 15.362 min Scan# 3970

Delta R.T. 0.010 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 69005

Ion Ratio Lower Upper

105 100

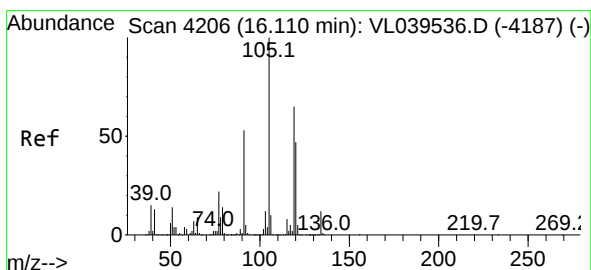
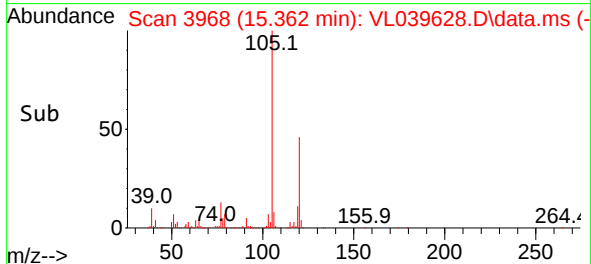
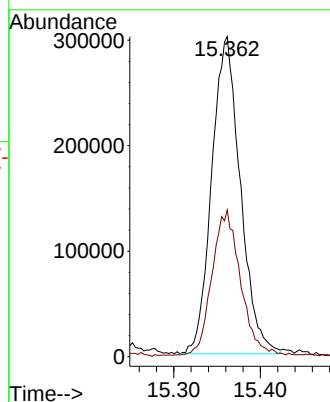
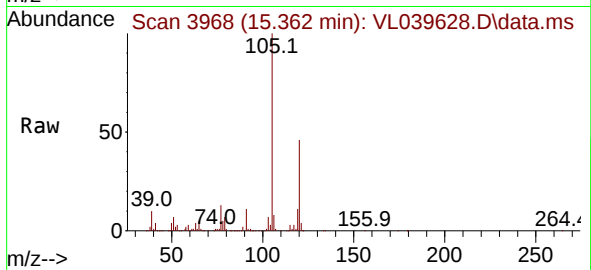
120 45.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.135 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Tgt Ion:105 Resp: 760968

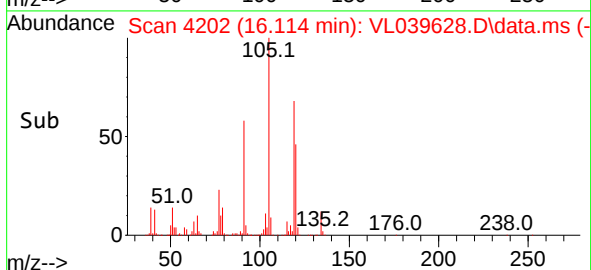
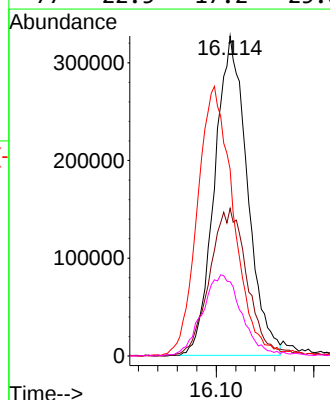
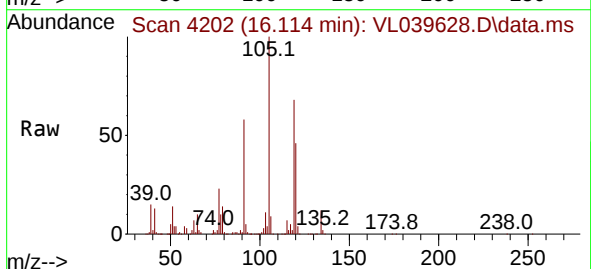
Ion Ratio Lower Upper

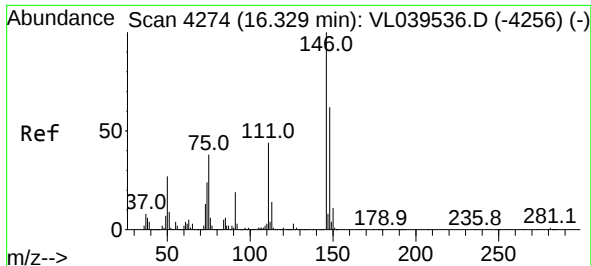
105 100

120 45.4 39.5 59.3

91 57.1 39.2 58.8

77 22.5 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 2.061 ppbv

RT: 16.336 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

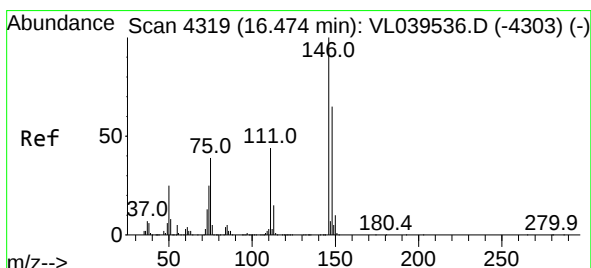
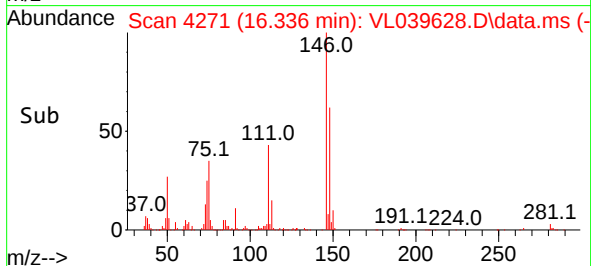
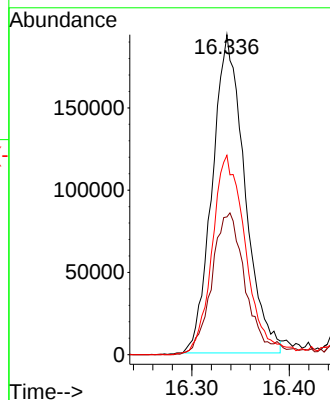
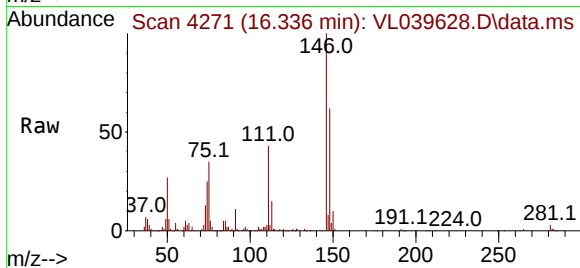
Tgt Ion:146 Resp: 446572
 Ion Ratio Lower Upper
 146 100
 111 47.2 22.9 68.7
 148 65.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#76

1,4-Dichlorobenzene

Concen: 2.131 ppbv m

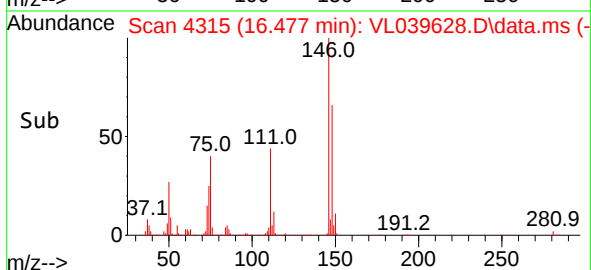
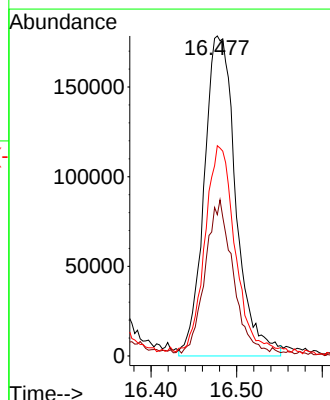
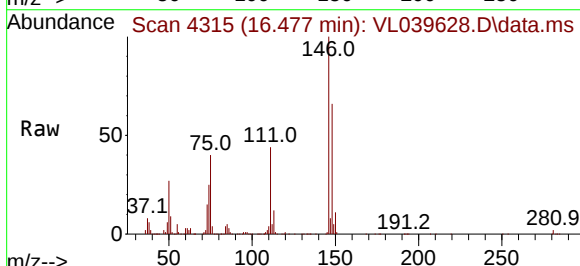
RT: 16.477 min Scan# 4315

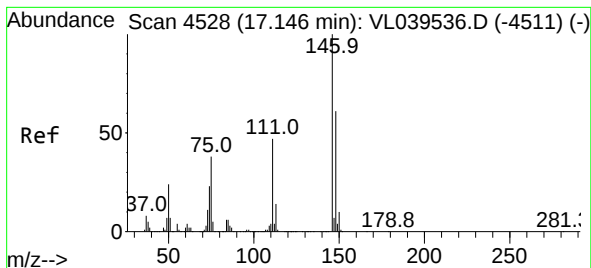
Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Tgt Ion:146 Resp: 459890
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.9 68.8
 148 64.4 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 2.057 ppbv

RT: 17.149 min Scan# 4528

Delta R.T. 0.004 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:146 Resp: 43633

Ion Ratio Lower Upper

146 100

111 47.6 23.8 71.5

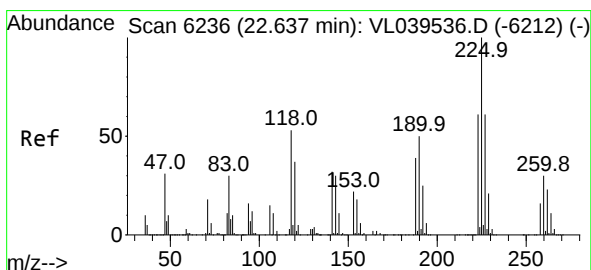
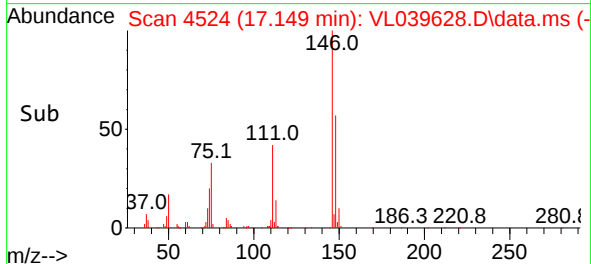
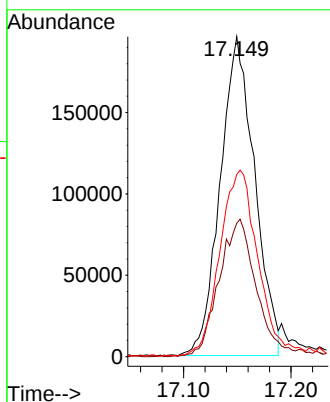
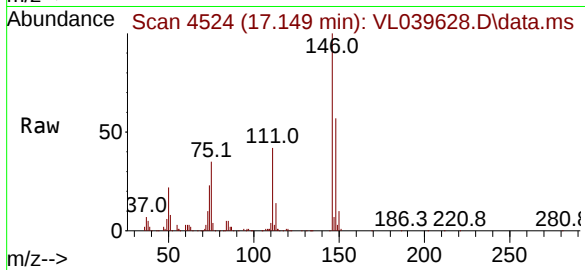
148 67.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 2.077 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.001 min

Lab File: VL039628.D

Acq: 19 Sep 2022 9:44

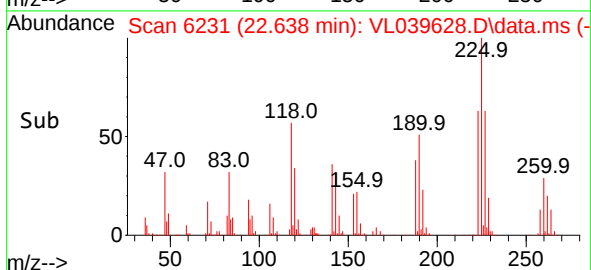
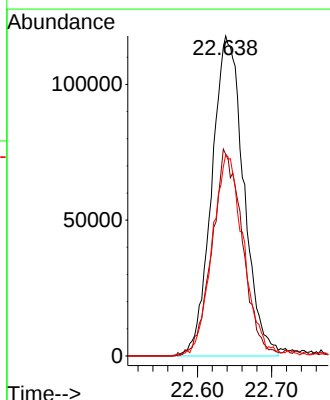
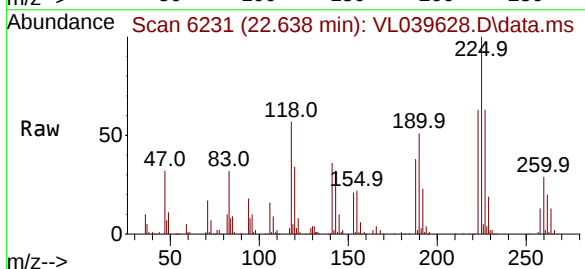
Tgt Ion:225 Resp: 351007

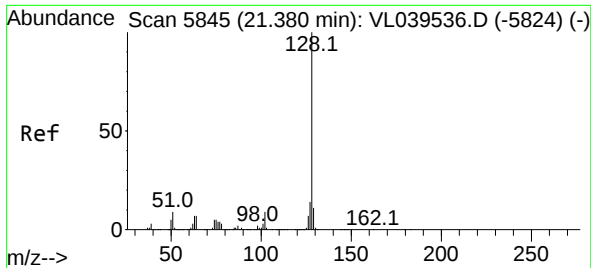
Ion Ratio Lower Upper

225 100

223 62.5 51.8 77.6

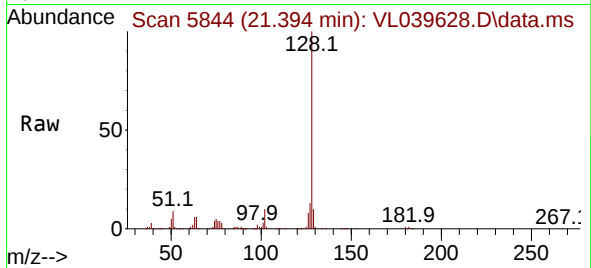
227 62.9 51.4 77.2





#79
Naphthalene
Concen: 2.250 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.013 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44

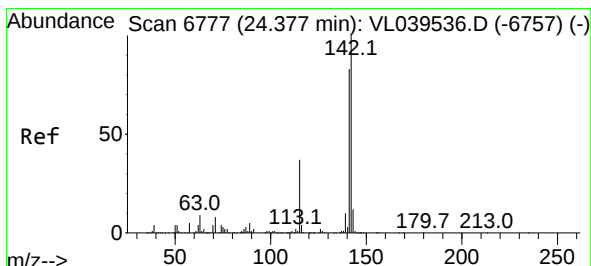
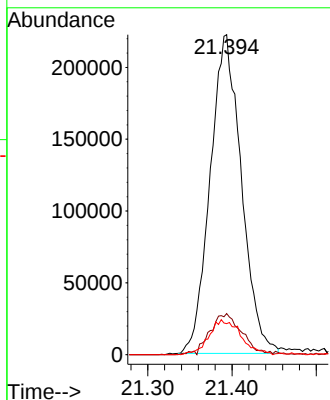
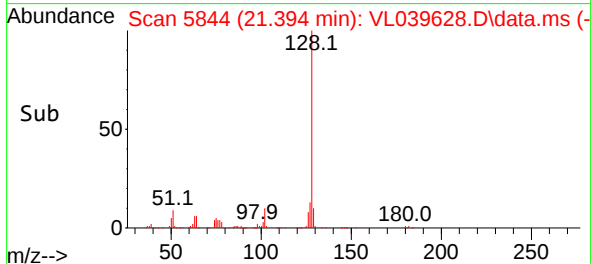
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



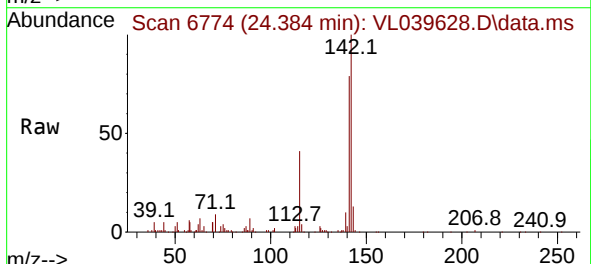
Tgt Ion:128 Resp: 57095
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 9.6 8.8 13.2

Manual Integrations
APPROVED

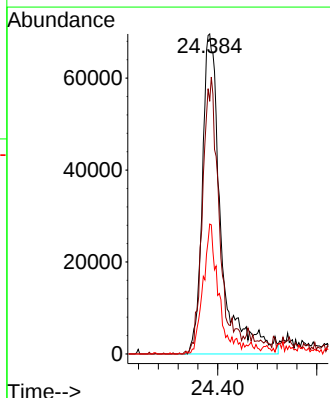
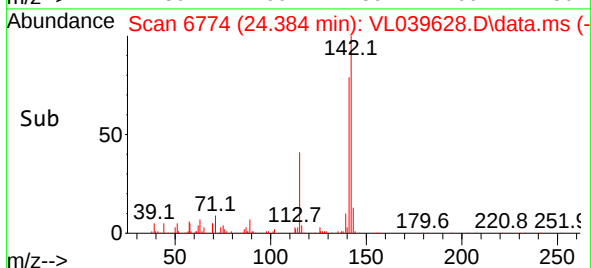
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

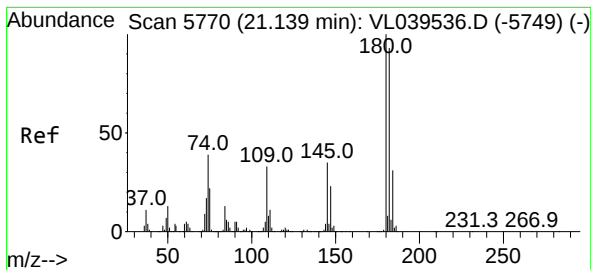


#80
Naphthalene,2-methyl-
Concen: 1.782 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.007 min
Lab File: VL039628.D
Acq: 19 Sep 2022 9:44



Tgt Ion:142 Resp: 183571
Ion Ratio Lower Upper
142 100
141 82.2 68.9 103.3
115 35.6 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 1.983 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL039628.D

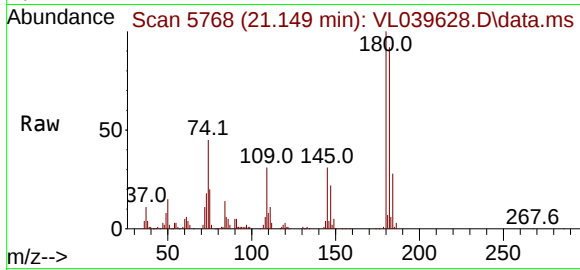
Acq: 19 Sep 2022 9:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion:180 Resp: 336100

Ion Ratio Lower Upper

180 100

182 98.0 77.1 115.7

184 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022

